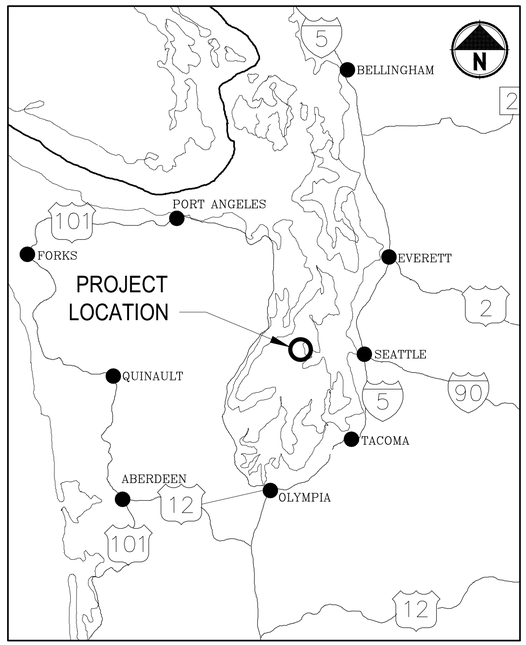
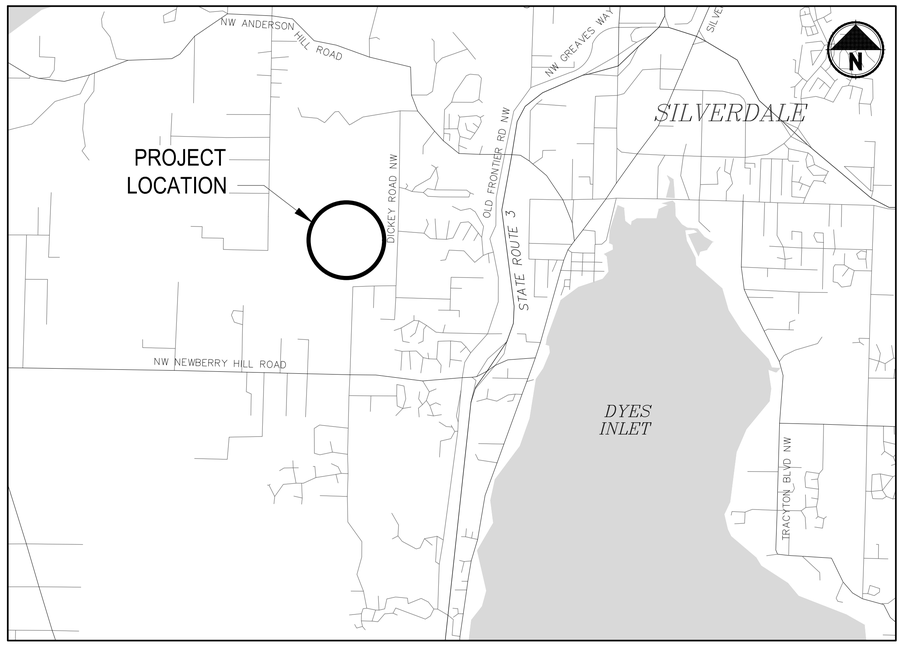
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT

KITSAP COUNTY, WASHINGTON
CONTRACT NO.



LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

BOARD OF COMMISSIONERS:

ORAN ROOT
KATIE WALTERS
COMMISSIONER DISTRICT 1, CHRISTINE ROLFES

DIRECTOR OF PUBLIC WORKS

KORY ANGLESEY, P.E.

APPROVED FOR CONSTRUCTION

DATE

CHRISTOPHER PIERCY
ASSISTANT DIRECTOR, UTILITIES

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-G10.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21875 — REGISTERED PROFESSIONAL ENGINEER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

COVER SHEET, VICINITY AND LOCATION MAPS

DRAWING NO.
1 OF 239
G10.01

LAYOUT: G10.01 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PWX PLOTTED BY: SmithNat DATE: Thursday, August 7, 2025 8:01:52 AM

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ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-G10.02
JOB No. 553-1578-155
DATE AUGUST 2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

DRAWING INDEX

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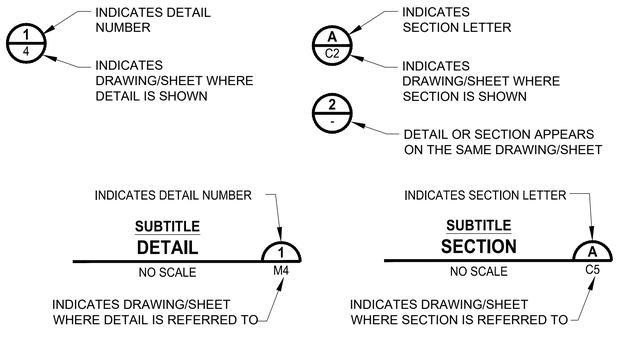
G10.02

LAYOUT: G10.02 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C — PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:34:01 PM

ABBREVIATIONS

AP	ANGLE POINT	MAX	MAXIMUM
APPROX	APPROXIMATE	MH	MANHOLE
AVE	AVENUE	MIN	MINIMUM
BP	BEGINNING POINT	N	NORTH, NORTHING
BVC	BEGIN VERTICAL CURVE	NIC	NOT IN CONTRACT
BOR	BOTTOM OF RAMP	NST	NO STEEPER THAN
℄	CENTER LINE	NW	NORTHWEST
CB	CATCH BASIN	PC	POINT OF CURVATURE
CL	CLASS	PCC	POINT OF COMPOUND CURVATURE
CONC	CONCRETE	PG	PERFORMANCE GRADE
CONN	CONNECT, CONNECTION	PI	POINT OF INTERSECTION
CONST	CONSTRUCTION	PSE	PUGET SOUND ENERGY
CSBC	CRUSHED SURFACING BASE COURSE	PRC	POINT OF REVERSE CURVATURE
CSTC	CRUSHED SURFACING TOP COURSE	PT	POINT OF TANGENCY, POINT
DET	DETAIL	PVI	POINT OF VERTICAL INTERSECTION
DI	DUCTILE IRON	R, RD	RADIUS
DIA	DIAMETER	REQ'D	REQUIRED
E	EAST, EASTING	R, RT	RIGHT
EA	EACH	R/W	RIGHT OF WAY
EP	END POINT	S	SOUTH, SLOPE
EVC	END VERTICAL CURVE	SD	STORM DRAINAGE
EX	EXISTING	SE	SOUTHEAST
FH	FIRE HYDRANT	SS	SANITARY SEWER
FOC	FACE OF CURB	SSMH	SANITARY SEWER MANHOLE
G	GAS	ST	STREET
GRND	GROUND	STA	STATION
HMA	HOT MIX ASPHALT	STD	STANDARD
HYD	HYDRANT	SW	SOUTHWEST
ID	INSIDE DIAMETER	T	TELEPHONE
IE	INVERT ELEVATION	TBC	TOP BACK OF CURB
L	LENGTH, LEFT	TBW	TOP BACK OF WALK
LF	LINEAR FEET	TOR	TOP OF RAMP
LHHW	LIMITED HOUSEHOLD HAZARDOUS WASTE	TYP	TYPICAL
LT	LEFT	URC	UNREINFORCED CONCRETE PIPE
		VC	VERTICAL CURVE
		W	WATER, WEST
		W/	WITH
		WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

DETAIL AND SECTION DESIGNATION



LEGEND

DESCRIPTION	PROPOSED	EXISTING
MINOR CONTOUR LINE	10	10
MAJOR CONTOUR LINE	2	2
TOP OF BANK		
TOE OF SLOPE		
EDGE OF ASPHALT		
EDGE OF GRAVEL		
CHAINLINK FENCE		
CENTERLINE OF DITCH		
EDGE OF LANDSCAPING		
STORM DRAIN LINE	SD	SD
GAS LINE	G	G
TELEPHONE LINE	T	T
SANITARY SEWER LINE	SS	SS
WETLAND BOUNDARY		
SECTION LINE		
EDGE OF RIGHT OF WAY		
PROPERTY LINE		
EASEMENT LINE		
CENTERLINE		
OVERHEAD POWER LINE	OP	OP
POWER LINE	P	P
EDGE OF TRAIL		
WATER LINE	W	W
LANE CHANNELIZATION		
SAWCUT		
REMOVE ITEM		
CLEARING AND GRUBBING LIMITS	CG	CG
DEMOLITION FOOTPRINT BOUNDARY		
TRANSFER STATION OPERATIONS TRAFFIC	T	T
SELF-HAUL TRAFFIC	S	S
CONTRACTOR TRAFFIC	CO	CO
PHASE BOUNDARY		
RETAINING WALL		
TEMPORARY TRAFFIC CHANNELIZATION PER MUTCD, 10' O.C.		
HIGH VISIBILITY FENCE		
SILT FENCE		
INTERCEPTOR SWALE		
CHAINLINK FENCE		
GUARDRAIL		
CONCRETE PAVEMENT		
ASPHALT PAVEMENT		

DESCRIPTION	PROPOSED	EXISTING
CASED MONUMENT		
FOUND PK NAIL		
SET PK NAI/CONTROL POINT		
SET REBAR AND CAP		
SET HUB AND TACK		
ECOLOGY BLOCK		
SNAG		
PINE TREE		
DECIDUOUS TREE		
CONIFER TREE		
WETLAND FLAG		
SOIL PIT		
ROCK		
SHRUB		
CATCH BASIN		
ROOF DRAIN		
STORM CLEAN OUT		
SEWER MANHOLE		
MONITORING WELL		
BORE PIT		
WATER BLOW OFF VALVE		
FIRE DEPT CONNECTION		
WATER METER		
WATER VALVE		
POWER JUNCTION BOX		
GUY WIRE		
STREET LIGHT		
POWER POLE WITH DROP LINE		
UNKNOWN VAULT		
STEEL POST		
WOOD POST		
BOLLARD		
TELEPHONE RISER		
COMMUNICATIONS VAULT		
POWER VAULT		
GRADING POINT	XX	
SINGLE SIGN POST		
DOUBLE SIGN POST		
FENCE MOUNTED SIGN		
BUILDING MOUNTED SIGN		
AREA DRAIN		
HOSE BIB		

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-G10.02
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21885 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LEGEND AND ABBREVIATIONS

DRAWING NO. 3 OF 239
G10.03

LAYOUT: G10.03 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:34:03 PM

GENERAL NOTES:

1. THE PROJECT ADDRESS IS 8843 DICKEY ROAD NW, SILVERDALE, WA;TAX PARCEL # 192501-1-024-2005.
2. THE AREA OF THE PROJECT PARCEL IS 16.27 ACRES.
3. CURRENTLY THE SITE IS A SOLID WASTE DROP BOX FACILITY OWNED AND OPERATED BY KITSAP COUNTY.
4. THERE ARE TRANSMISSION POWER EASEMENTS RUNNING NORTH AND SOUTH THROUGH THE PREOPERTY.
5. PREVIOUSLY THERE WAS A QUARRY OPERATION ON THE PROPERTY.
6. NO STREAMS OR SHORELINES EXIST ON THE PROPERTY.
7. THE PROPERTY IS IN A CRITICAL AQUIFER RECHARGE AREA.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-G10.04
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R HUFNAGEL — STATE OF WASHINGTON — 21876 — REGISTERED PROFESSIONAL ENGINEER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

GENERAL NOTES AND PROJECT AREA BOUNDARY

DRAWING NO. 4 OF 239
G10.04

LAYOUT: G10.04 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Wednesday, August 6, 2025 10:17:50 AM

PLAN

SCALE IN FEET

0 50 100

N

NOTES:

1. THIS MAP CORRECTLY REPRESENTS CONDITIONS AND FEATURES EXISTING AT THE TIME OF THIS SURVEY IN MAY, 2020 AND OCTOBER 2021.
2. CONVENTIONAL AND GPS SURVEY EQUIPMENT WAS USED IN THE PERFORMANCE OF THIS SURVEY. ALL EQUIPMENT IS MAINTAINED IN CONFORMANCE WITH CURRENT STATE STATUTE.
3. ALL SURFACE FEATURES AND INVERT STRUCTURE ELEVATION SHOWN HEREON WERE FIELD LOCATED AND MEASURED BY PARAMETRIX FOR THIS SURVEY. UNDERGROUND UTILITY LINES ARE BASED UPON A COMBINATION OF ASBUILT PLANS, SURFACE FEATURE MEASUREMENTS AND ONSITE UNDERGROUND UTILITY MARKINGS PERFORMED BY OTHERS.
4. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.
5. BOUNDARY INFORMATION SHOWN HEREON IS BASED ON PUBLIC GIS INFORMATION PROVIDED BY KITSAP COUNTY. BOUNDARY LINES SHOWN ARE FOR REPRESENTATION PURPOSES ONLY AND SHOULD NOT BE USED FOR DESIGN ACTIVITIES THAT WILL RELY ON AN ACCURATE REPRESENTATION OF BOUNDARY INFORMATION.
6. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT, WHICH MAY REVEAL RESTRICTIONS OR EASEMENTS OF RECORD. ACCORDINGLY, NONE ARE SHOWN HEREON.
7. HORIZONTAL DATUM FOR THIS SURVEY IS BASED ON THE DRAWING RECEIVED FROM KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS TOPOGRAPHIC MAP OF SILVERDALE TRANSFER STATION DATED JUNE, 1993, COMMON FEATURES WERE SURVEYED AND VERIFIED DURING THE COURSE OF THIS TOPOGRAPHIC SURVEY.
8. VERTICAL DATUM FOR THIS SURVEY IS BASED ON THE DRAWING RECEIVED FROM KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS TOPOGRAPHIC MAP OF SILVERDALE TRANSFER STATION DATED JUNE, 1993, THE ASSUMED BENCH MARK WAS NOT FOUND, COMMON FEATURES WERE SURVEYED AND VERIFIED DURING THE COURSE OF THIS TOPOGRAPHIC SURVEY.

CONTROL POINTS

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1052	240617.26	1175009.14	414.87	SET MAG NAIL
1062	240250.85	1174944.55	431.64	SET MAG NAIL
1065	240694.59	1174824.64	409.26	SET NAIL
1066	240906.50	1174642.45	397.07	SET NAIL
20206	240592.86	1174967.09	417.72	SET R/CAP
20207	240450.19	1174997.53	421.57	SET MAG NAIL

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	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-G10.05
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER

8/7/25

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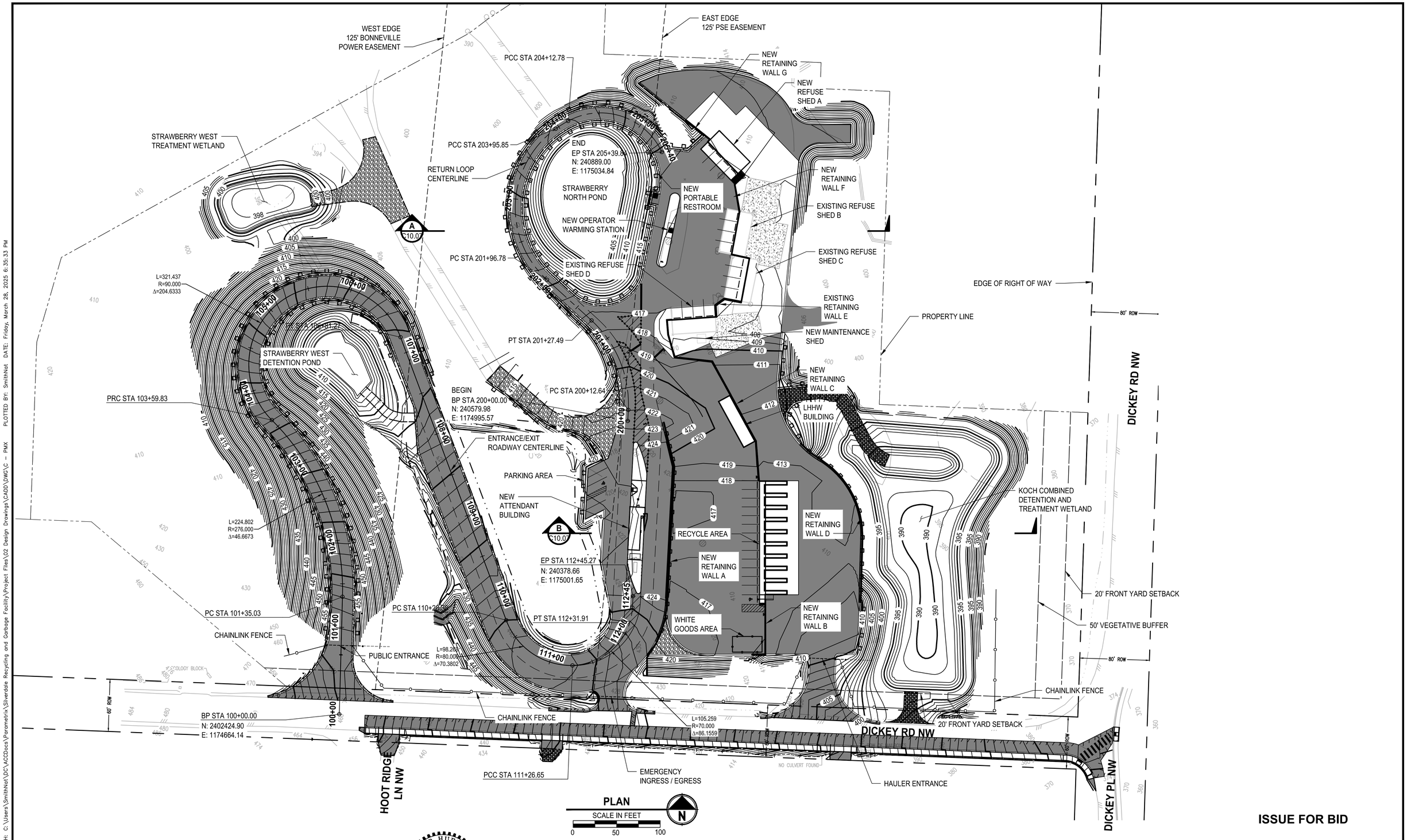
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

GENERAL NOTES AND PROJECT AREA BOUNDARY

DRAWING NO.
5 OF 239

G10.05

PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
PLOTTED BY: SmithNat DATE: Wednesday, August 6, 2025 10:18:26 AM
LAYOUT: G10.05



ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155–G10.06
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL
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21835
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

GENERAL ARRANGEMENT SITE PLAN

DRAWING NO. 6 OF 239

G10.06

LAYOUT: G10.06 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:35:33 PM

PLOTTED BY: SmithNat DATE: Wednesday, August 6, 2025 10:19:08 AM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
LAYOUT: G10.07

EXISTING RECYCLING AREA

EXISTING TRANSFER BUILDINGS

PROPERTY LINE

TEMPORARY MODULAR BLOCK RETAINING WALL

PHASE 1 LIMITS

TEMPORARY DRIVEWAY WIDENING FOR ACCESS

A

CONTRACTOR PARKING & STAGING AREA

PHASE 1 LIMITS

STAGING AREA

ECOLOGY BLOCK

60' ROW

DICKEY RD NW

80' ROW

DICKEY RD NW

80' ROW

60' ROW

60' ROW

NO CULVERT FOUND

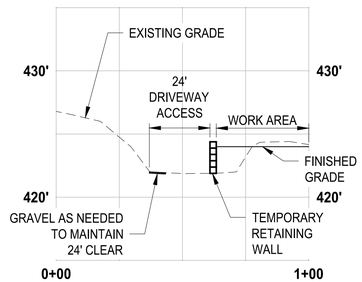
PLAN
SCALE IN FEET
0 50' 100'
N

GENERAL NOTES

1. EXISTING RECYCLING, TRANSFER STATION AND RECYCLING CENTER TO REMAIN OPERATIONAL DURING PHASE 1 CONSTRUCTION.
2. PROVIDE ADEQUATE FLAGGERS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES FOR THE PROTECTION OF THE PUBLIC, PROPERTY, AND WORK AT ALL TIMES REGARDLESS OF THE REQUIREMENTS OF THE TRAFFIC MANAGEMENT PLAN. CONTRACTOR SHALL PROVIDE FLAGGERS WHERE NEEDED WITHIN THE PROPERTY BOUNDARY.
3. COORDINATE ALL ACTIVITIES SO THAT INTERFERENCE WITH ONGOING TRANSFER STATION OPERATIONS IS MINIMIZED.
4. CONTRACTOR TRAFFIC SHALL YIELD RIGHT OF WAY TO TRANSFER STATION OPERATIONS AND CUSTOMER TRAFFIC.
5. KEEP ALL ROADS, SIDEWALKS, AND PARKING AREAS, THAT ARE NOT PART OF THIS PROJECT, USABLE AT ALL TIMES.
6. CONFINE CONTRACTOR TRAFFIC TO THE ROUTES DESIGNATED.

LEGEND

T	TRANSFER STATION OPERATIONS TRAFFIC
S	SELF-HAUL TRAFFIC
CO	CONTRACTOR TRAFFIC
TS	TRANSFER STATION OPEERATIONS AND SELF-HAUL TRAFFIC



TEMPORARY ACCESS
SECTION A
NO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-G10.07
JOB No. 553-1578-155
DATE AUGUST 2025

KAELA R. HUFNAGEL — STATE OF WASHINGTON — 21803 — REGISTERED PROFESSIONAL ENGINEER
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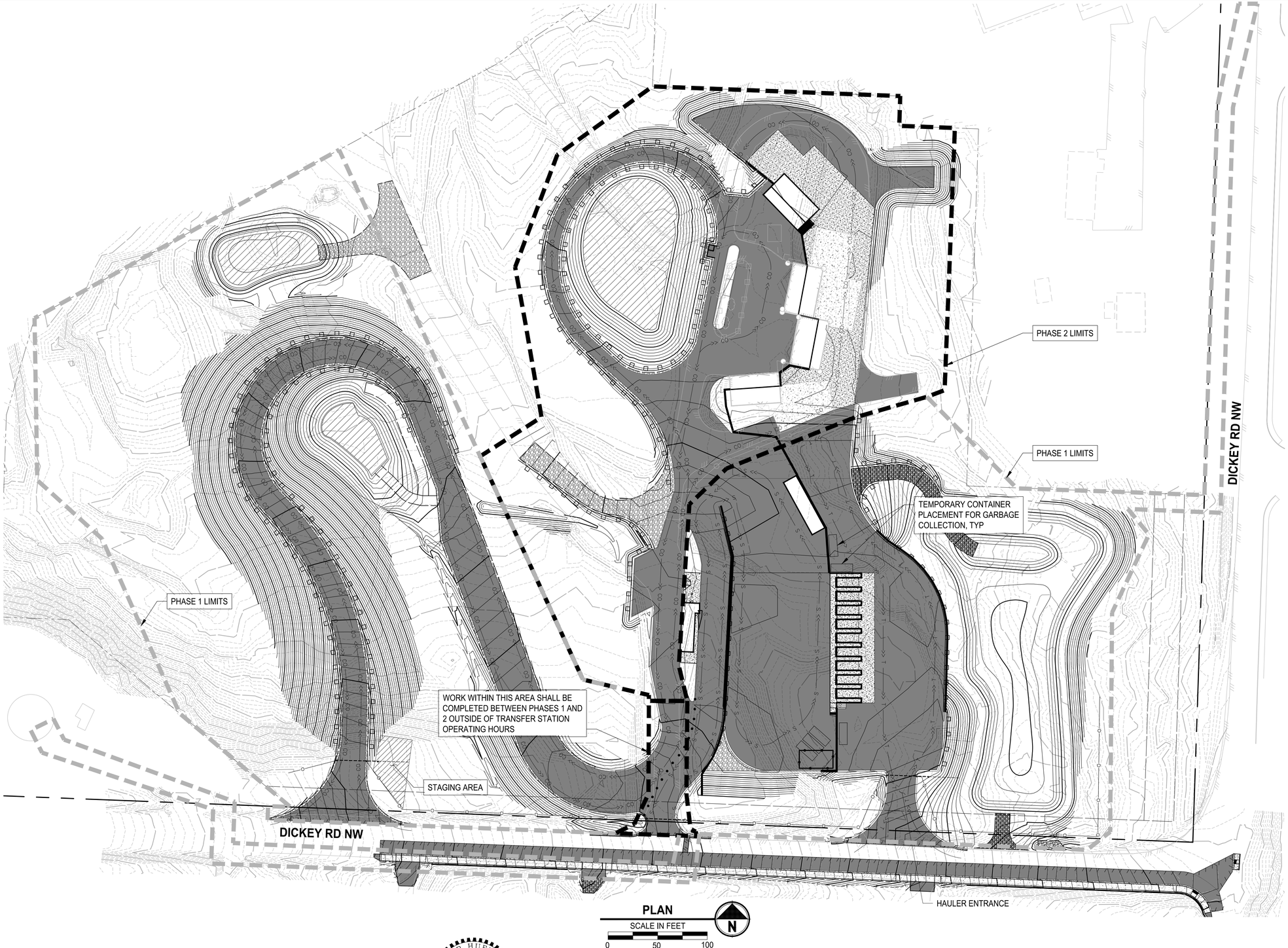
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

CONSTRUCTION AND STATION OPERATIONS PHASING PLAN - PHASE 1

DRAWING NO.
7 OF 239
G10.07

LAYOUT: G10.08 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Wednesday, August 6, 2025 10:19:59 AM



PLAN
SCALE IN FEET
0 50 100
N

GENERAL NOTES:

1. PROVIDE ADEQUATE FLAGGERS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES FOR THE PROTECTION OF THE PUBLIC, PROPERTY, AND WORK AT ALL TIMES REGARDLESS OF THE REQUIREMENTS OF THE TRAFFIC MANAGEMENT PLAN. CONTRACTOR SHALL PROVIDE FLAGGERS WHERE NEEDED WITHIN THE PROPERTY BOUNDARY.
2. COORDINATE ALL ACTIVITIES SO THAT INTERFERENCE WITH ONGOING TRANSFER STATION OPERATIONS IS MINIMIZED.
3. CONTRACTOR TRAFFIC SHALL YIELD RIGHT OF WAY TO TRANSFER STATION OPERATIONS AND CUSTOMER TRAFFIC.
4. KEEP ALL ROADS, SIDEWALKS, AND PARKING AREAS, THAT ARE NOT PART OF THIS PROJECT, USABLE AT ALL TIMES.
5. CONFINE CONTRACTOR TRAFFIC TO THE ROUTES DESIGNATED.

LEGEND

>> T >> T	TRANSFER STATION OPERATIONS TRAFFIC
>> S >> S	SELF-HAUL TRAFFIC
>> CO	CONTRACTOR TRAFFIC
>> TS	TRANSFER STATION OPEERATIONS AND SELF-HAUL TRAFFIC

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-G10.08
JOB No. 553-1578-155
DATE AUGUST 2025

EARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

CONSTRUCTION AND STATION OPERATIONS PHASING PLAN - PHASE 2

DRAWING NO.
8 OF 239
G10.08

LAYOUT: C10.01 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: SmithNat DATE: Wednesday, August 6, 2025 10:22:45 AM

DEMOLISH AND REMOVE EXISTING UNDERGROUND SEPTIC TANK

EXISTING REFUSE SHED B TO REMAIN

DEMOLITION FOOTPRINT BOUNDARY

PROPERTY LINE

EXISTING REFUSE SHED C TO REMAIN

EXISTING REFUSE SHED D TO REMAIN

EXISTING OFFICE

EDGE OF RIGHT-OF-WAY

DICKEY RD NW

80' ROW

60' ROW

EXISTING POWER POLE

EXISTING POWER POLE WITH COMMUNICATIONS

ECOLOGY BLOCK

DEMOLISH AND REMOVE EXISTING ASBESTOS CEMENT PIPE WATERLINE LOCATED WITHIN THE RIGHT-OF-WAY

PLAN

SCALE IN FEET

0 50 100

N

GENERAL NOTES:

1. COMPLETELY REMOVE ALL BUILDINGS, SHEDS, FENCES, AND OTHER SURFACE OBJECTS WITHIN THE DEMOLITION FOOTPRINT UNLESS OTHERWISE NOTED.
2. EXISTING FEATURES AND UTILITIES ARE BASED ON AVAILABLE INFORMATION AND FIELD SURVEY. ALL FEATURES OR UTILITIES MAY NOT BE LOCATED OR ACCURATELY DEPICTED
3. CONTRACTOR SHALL PROVIDE ALL TEMPORARY FENCING NEEDED FOR SITE SECURITY AND PUBLIC SAFETY.

CONSTRUCTION NOTES:

1. REMOVE ASPHALT PAVEMENT AND CEMENT CONCRETE CURBS WITHIN DEMOLITION FOOTPRINT.
2. SAW CUT FULL DEPTH.
3. PRESERVE AND PROTECT CONCRETE PAVEMENT.
4. PRESERVE AND PROTECT BUILDING/SHED.
5. PRESERVE AND PROTECT STORM SEWER STRUCTURES AND PIPE UNLESS OTHERWISE NOTED.
6. PRESERVE AND PROTECT UNDERGROUND WATER AND POWER.
7. CONTRACTOR TO CONTACT AND COORDINATE WITH PSE ABOUT DISCONNECTING THE EXISTING ELECTRICAL SERVICE ENTRANCE TO THE EXISTING OFFICE BUILDING. REMOVE CONDUIT AND WIRING BACK TO SOURCE. SEE SECTION 01 12 16 FOR CONSTRUCTION SEQUENCE. REMOVE EXISTING GROUND ROD.
8. CONTRACTOR TO CONTACT AND COORDINATE WITH COMMUNICATIONS PROVIDER ABOUT DISCONNECTING THE EXISTING ELECTRICAL SERVICE ENTRANCE TO THE EXISTING OFFICE BUILDING. REMOVE CONDUIT AND WIRING BACK TO SOURCE. SEE SECTION 01 12 16 FOR CONSTRUCTION SEQUENCE.
9. DEMOLISH LIGHT FIXTURE AND WOODEN LIGHT POLE. REMOVE SECURITY CAMERA AND RETURN CAMERA TO OWNER.

LEGEND

- ASPHALT PAVEMENT DEMOLITION APPROX 49273 SF
- CONCRETE PAVEMENT DEMOLITION APPROX 6040 SF
- CG — CLEARING LIMITS

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C10.01
JOB No. 553-1578-155
DATE AUGUST 2025

KYLE R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

DEMOLITION PLAN AND NOTES

DRAWING NO. 9 OF 239
C10.01

GENERAL NOTES:

1. EXISTING AND PROPOSED UTILITY STRUCTURES ARE SHOWN FOR REFERENCE.
2. RADIUS CALLOUTS AT FACE OF CURB OR EDGE OF PAVEMENT.
3. FOR SIDEWALK AND CURB GRADING, SEE SHEET C20.01, C20.02, AND C20.03.
4. FOR SURFACE WATER MANAGEMENT PLAN SEE C40.01, C40.02, AND C40.03.
5. SEE GRADING POINT TABLE ON SHEETS C10.05 & C10.06
6. STRUCTURAL PERMIT REQUIRED FOR ALL RETAINING WALLS OVER 4;FEET TALL, SEE STRUCTURAL PLANS FOR DETAILS

(XX) GRADING POINT

PROPERTY LINE

WEST STORMWATER TREATMENT POND

WEST STORMWATER POND

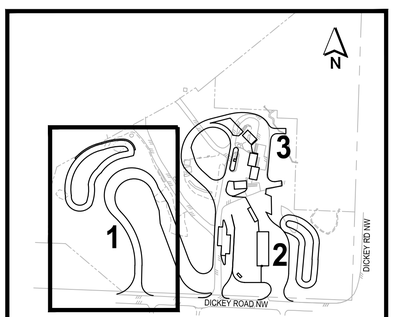
DICKEY RD NW

100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00

2:1

MATCH LINE SEE SHEET C-10.03

PLAN
SCALE IN FEET
0 30 60



KEY MAP
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C10.02
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21635 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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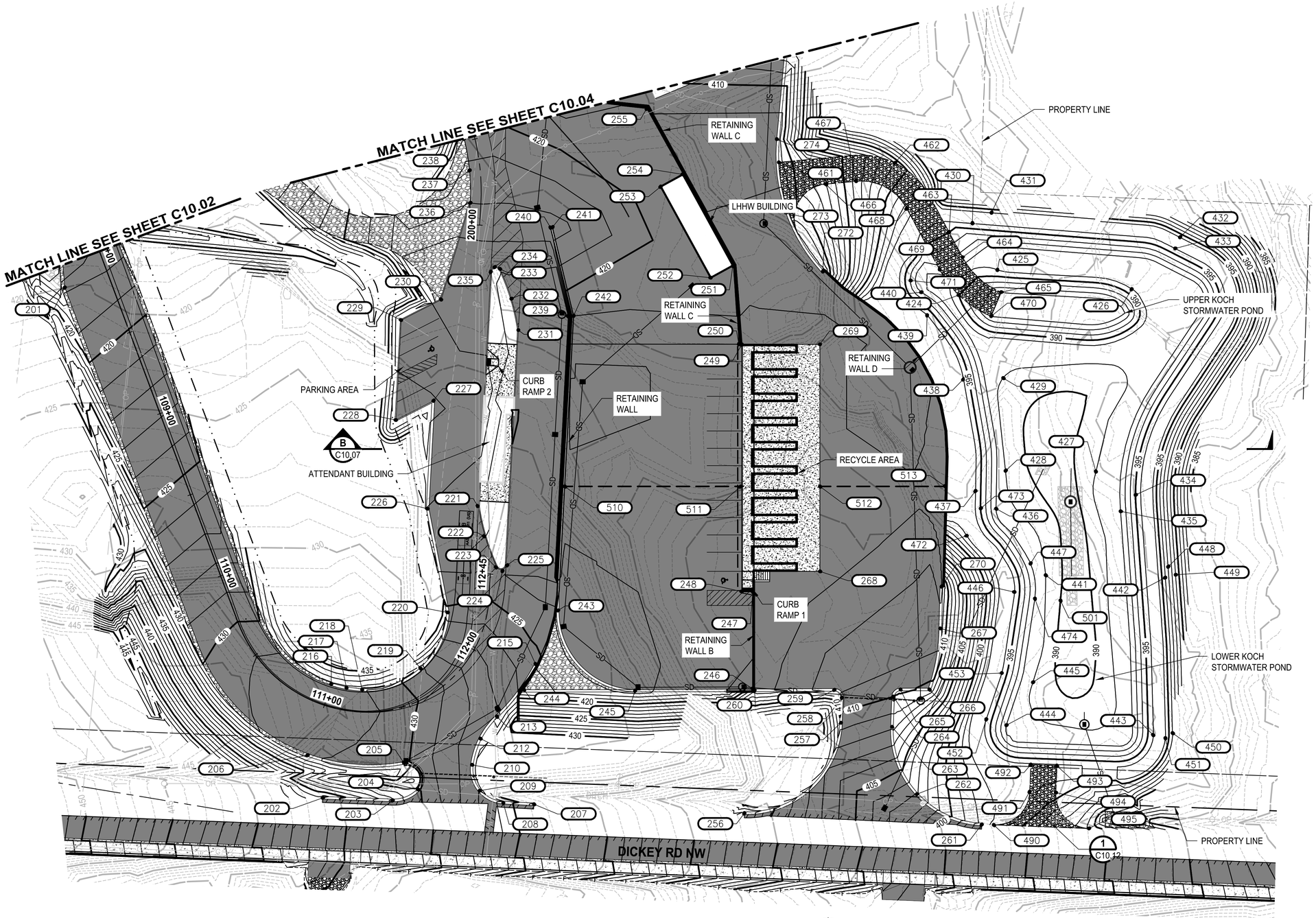
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

GRADING PLAN - 1

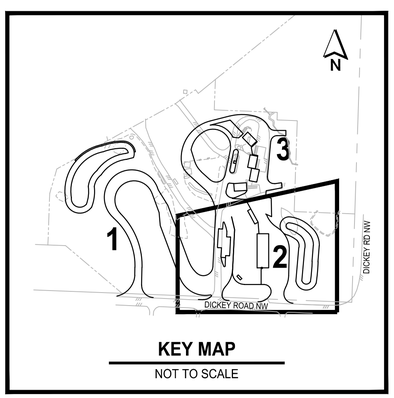
DRAWING NO.
10 OF 239
C10.02

PLOTTED BY: SmithNat DATE: Monday, March 31, 2025 3:31:22 PM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CA00\DWG\C - PMX
LAYOUT: C10.02

PLOTTED BY: SmithNat DATE: Tuesday, April 1, 2025 5:33:59 PM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX
LAYOUT: C10.03



PLAN
SCALE IN FEET
0 30 60



KEY MAP
NOT TO SCALE

GENERAL NOTES:

1. EXISTING AND PROPOSED UTILITY STRUCTURES ARE SHOWN FOR REFERENCE.
2. RADIUS CALLOUTS AT FACE OF CURB OR EDGE OF PAVEMENT.
3. FOR SIDEWALK AND CURB GRADING, SEE SHEET C20.01, C20.02, AND C20.03.
4. FOR SURFACE WATER MANAGEMENT PLAN SEE C40.01, C40.02, AND C40.03.
5. SEE GRADING POINT TABLE ON SHEETS C10.05 & C10.06

(XX) GRADING POINT

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C10.02
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL STATE OF WASHINGTON 21685 REGISTERED PROFESSIONAL ENGINEER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

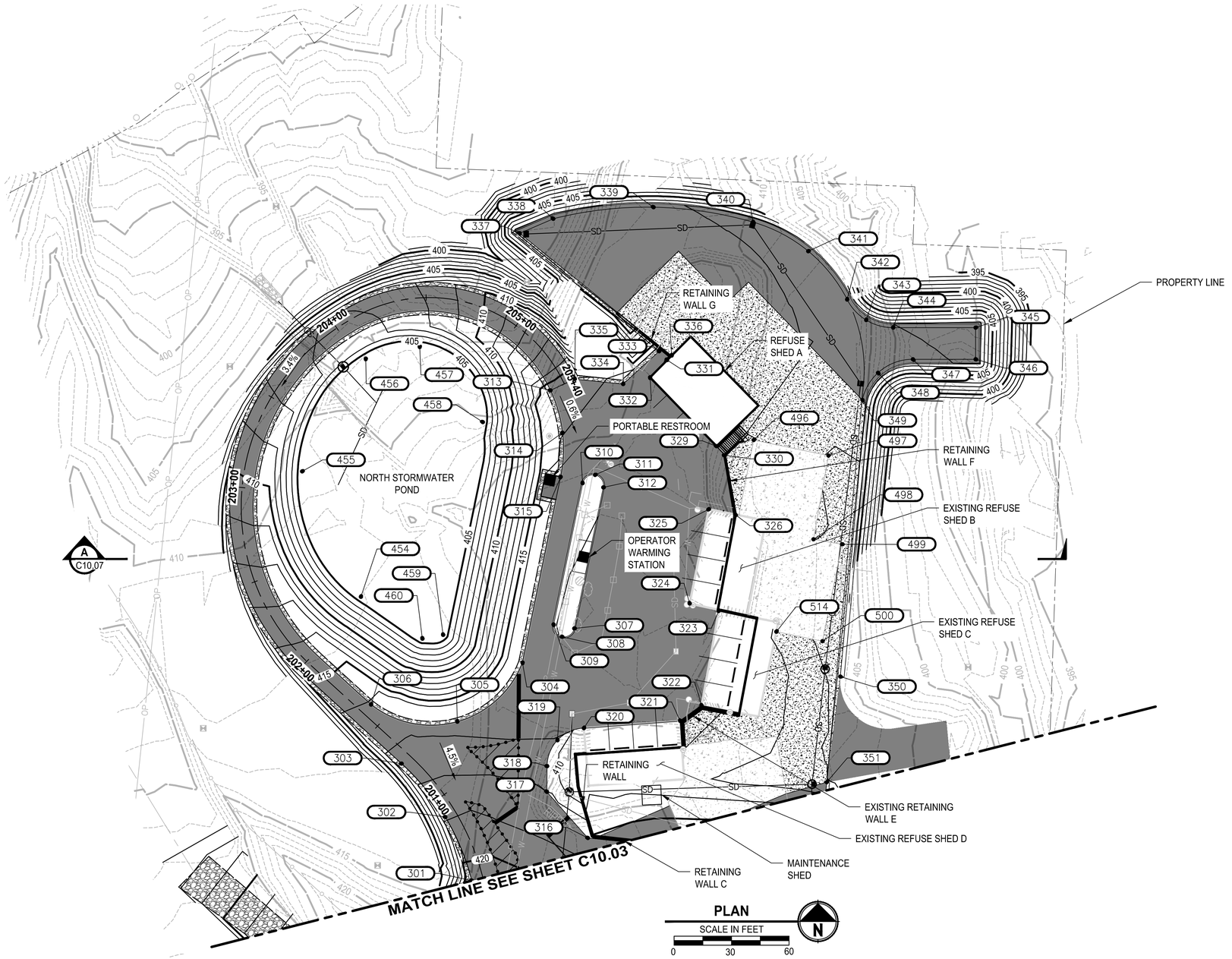
GRADING PLAN - 2

DRAWING NO. 11 OF 239
C10.03

GENERAL NOTES:

1. EXISTING AND PROPOSED UTILITY STRUCTURES ARE SHOWN FOR REFERENCE.
2. RADIUS CALLOUTS AT FACE OF CURB OR EDGE OF PAVEMENT.
3. FOR SIDEWALK AND CURB GRADING, SEE SHEET C20.01, C20.02, AND C20.03.
4. FOR SURFACE WATER MANAGEMENT PLAN SEE C40.01, C40.02, AND C40.03.
5. SEE GRADING POINT TABLE ON SHEETS C10.05 & C10.06

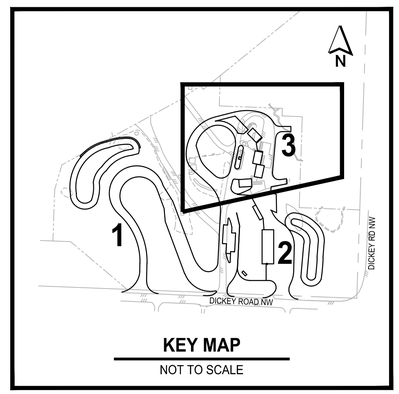
(XX) GRADING POINT



PLAN

SCALE IN FEET

0 30 60



KEY MAP

NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155–C10.02
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER — 8/7/25

KITSAP COUNTY DEPT. OF PUBLIC WORKS
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

GRADING PLAN - 3

DRAWING NO. 12 OF 239

C10.04

LAYOUT: C10.04 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:39:10 PM

POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
101	240262.20	1174582.23	468.09	MATCH EXISTING, FL, PC
102	240291.82	1174633.07	462.10	FL, MID
103	240346.43	1174654.95	459.04	FL, PT
104	240256.49	1174725.76	453.83	MATCH EXISTING, FL, PC
105	240272.35	1174691.32	457.04	FL, MID
106	240307.81	1174677.91	459.05	FL, PT
107	240595.79	1174751.74	414.55	FL, AP
201	240544.05	1174756.12	416.49	FL, AP
202	240249.59	1174905.19	436.00	MATCH EXISTING, FL
203	240248.09	1174945.41	431.89	FL, PC
204	240254.25	1174960.25	430.10	FL, PCC
205	240269.63	1174951.79	430.06	FL, PRC
206	240274.19	1174896.37	431.06	FL, PT
207	240245.84	1175026.79	423.73	MATCH EXISTING, FL
208	240246.77	1175009.12	425.65	FL, PC
209	240253.65	1174995.48	427.05	FL, MID
210	240268.57	1174991.05	427.50	FL, PCC
212	240283.76	1174995.84	427.83	FL, MID
213	240296.52	1175005.36	427.00	FL, PRC
215	240326.58	1175027.81	425.25	FL, PT
216	240315.09	1174909.86	431.68	FL, PC
217	240312.84	1174918.67	431.54	FL, MID
218	240311.79	1174927.71	431.24	FL, PCC
219	240323.92	1174961.62	429.21	FL, MID
220	240356.48	1174977.13	425.54	FL, PT
221	240417.76	1174994.35	423.60	FL, PC
222	240400.31	1174998.21	424.00	FL, MID
223	240382.36	1175005.07	424.43	FL, PT, PC
224	240380.57	1175008.65	424.29	FL, MID
225	240383.60	1175011.25	424.57	FL, PT
226	240416.35	1174965.49	423.02	FL, AP
227	240478.52	1174968.78	421.94	FL, AP
228	240467.52	1174947.22	421.44	FL, AP
229	240525.18	1174950.23	422.63	FL, AP
230	240536.95	1174973.33	423.48	FL, AP
231	240519.40	1175017.81	424.61	FL, PC
232	240537.49	1175013.76	424.28	FL, MID
233	240554.78	1175007.09	423.96	FL, PT, PC
234	240555.67	1175003.99	423.85	FL, MID
235	240553.16	1175001.96	423.84	FL, PT
236	240592.92	1174990.23	421.99	FL, PC
237	240611.66	1174989.79	421.22	FL, MID

POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
238	240629.98	1174986.57	420.43	FL, PT
239	240527.25	1175046.64	424.00	FL, AP
240	240578.41	1175036.46	422.50	FL, AP
241	240578.65	1175037.43	422.45	FL, AP
242	240527.52	1175049.65	419.00	FL, AP
243	240357.56	1175040.56	416.56	FL, PC
244	240311.99	1175021.05	418.43	FL, MID
245	240311.42	1175085.22	416.65	FL, PT
246	240312.33	1175153.12	418.00	FL, AP, RETAINING WALL
247	240368.55	1175153.13	418.15	FL, AP, RETAINING WALL
248	240368.55	1175146.77	417.92	FL, AP
249	240511.17	1175146.78	414.22	FL, AP
250	240511.17	1175145.11	417.99	FL, AP, RETAINING WALL
251	240556.65	1175141.63	420.00	FL, AP, RETAINING WALL, LHHW BUILDING
252	240549.65	1175128.86	420.00	FL, AP, LHHW BUILDING
253	240602.26	1175100.02	420.00	FL, AP, LHHW BUILDING
254	240609.26	1175112.79	420.00	FL, AP, RETAINING WALL, LHHW BUILDING
255	240647.29	1175091.95	419.00	FL, AP, RETAINING WALL
256	240240.73	1175148.31	411.77	FL, PC
257	240292.84	1175204.00	409.54	FL, PT
258	240307.41	1175204.57	410.87	FL, PC
259	240311.82	1175200.30	411.55	FL, PT
260	240311.64	1175154.13	413.96	FL
261	240234.19	1175285.28	397.55	FL, PT
262	240251.64	1175247.73	402.89	FL, MID
263	240290.51	1175233.43	408.18	FL, PC
264	240307.99	1175234.15	410.02	FL, PT
265	240312.02	1175238.34	410.16	FL, PC
266	240312.10	1175255.02	409.81	FL, PT
267	240347.27	1175261.31	411.30	FL, PC
268	240380.21	1175191.83	413.48	FL, AP
269	240511.18	1175191.83	413.54	FL, AP
270	240371.35	1175261.99	412.92	FL
272	240553.10	1175193.57	412.29	FL, PT
273	240587.27	1175172.16	412.01	FL, MID
274	240629.59	1175166.93	411.94	FL, PC
301	240629.98	1174986.57	420.43	FL, PC
302	240663.17	1174972.74	418.92	FL, MID
303	240690.99	1174949.97	417.40	FL, PT
304	240743.72	1175013.00	416.00	FL, PC
305	240712.89	1174979.02	416.57	FL, MID
306	240721.79	1174934.02	416.09	FL, PT

POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
307	240761.48	1175040.01	417.96	FL, PC
308	240757.19	1175033.54	417.17	FL, MID
309	240763.61	1175029.22	416.84	FL, PT
310	240837.25	1175044.37	416.41	FL, PC
311	240841.55	1175050.87	416.47	FL, MID
312	240835.03	1175055.14	416.56	FL, PT
313	240885.62	1175027.58	415.00	FL, PC
314	240863.51	1175033.89	415.97	FL, MID
315	240840.55	1175032.92	416.00	FL, PT
316	240652.26	1175047.10	418.42	EOA, AP
317	240676.29	1175025.75	418.00	EOA, AP
318	240689.67	1175025.85	417.63	EOA, PC
319	240703.19	1175031.24	417.23	EOA, MID
320	240709.51	1175044.99	416.81	EOA, PT
321	240713.22	1175095.30	416.74	FL, AP
322	240721.29	1175106.43	414.83	FL, AP
323	240770.85	1175115.48	416.74	FL, AP
324	240774.49	1175100.22	417.13	FL, AP
325	240823.68	1175110.24	415.88	FL, AP
326	240820.92	1175123.98	416.00	FL, AP
329	240856.54	1175114.22	416.00	FL, AP
330	240851.86	1175118.06	416.00	FL, AP
331	240901.65	1175088.13	415.00	FL, AP
332	240892.43	1175079.55	416.00	FL, AP
333	240906.02	1175084.31	415.63	FL, AP
334	240888.91	1175065.51	416.00	FL, AP
335	240891.54	1175040.28	415.07	FL, AP
336	240903.76	1175090.80	409.00	FL, AP
337	240967.53	1175011.50	408.46	FL, AP
338	240975.08	1175029.05	408.36	FL, PC
339	240981.10	1175081.36	408.10	FL, MID
340	240973.26	1175133.43	407.84	FL, PT, PC
341	240958.18	1175162.04	407.67	FL, MID
342	240932.99	1175182.35	407.52	FL, PT, PC
343	240922.29	1175192.29	407.68	FL, MID
344	240918.34	1175206.36	407.96	FL, PT
345	240918.34	1175249.37	408.45	FL, AP
346	240901.84	1175249.37	408.20	FL, AP
347	240901.84	1175216.67	407.74	FL, PC
348	240894.79	1175198.48	407.46	FL, MID
349	240880.60	1175190.29	407.28	FL, PT
350	240736.39	1175178.79	406.72	MATCH EXISTING, FL

POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
351	240681.31	1175171.70	407.29	MATCH EXISTING, FL
401	240608.63	1174684.87	405.67	BOTTOM OF POND
402	240615.16	1174681.09	405.67	BOTTOM OF POND
403	240647.56	1174643.05	405.67	BOTTOM OF POND
404	240649.54	1174638.17	405.67	BOTTOM OF POND
405	240669.69	1174638.26	405.67	BOTTOM OF POND
406	240682.20	1174666.20	405.67	BOTTOM OF POND
407	240670.10	1174671.11	405.67	BOTTOM OF POND
408	240656.00	1174688.20	405.67	BOTTOM OF POND
409	240625.60	1174700.78	405.67	BOTTOM OF POND
410	240803.56	1174559.04	398.00	BOTTOM OF POND
411	240808.54	1174537.88	398.00	BOTTOM OF POND
412	240825.08	1174531.05	398.00	BOTTOM OF POND
413	240846.17	1174541.36	398.00	BOTTOM OF POND
414	240855.02	1174591.46	398.00	BOTTOM OF POND
415	240832.56	1174633.08	398.00	BOTTOM OF POND
416	240825.90	1174628.71	398.00	BOTTOM OF POND
417	240799.64	1174561.26	399.50	TOP OF POND
418	240806.26	1174533.98	399.50	TOP OF POND
419	240823.45	1174526.86	399.50	TOP OF POND
420	240850.63	1174540.57	399.50	TOP OF POND
421	240859.50	1174590.89	399.50	TOP OF POND
422	240833.21	1174637.54	399.50	TOP OF POND
423	240821.56	1174629.89	399.50	TOP OF POND
424	240539.65	1175272.12	390.00	BOTTOM OF POND
425	240554.02	1175294.27	391.00	BOTTOM OF POND
426	240543.14	1175371.77	391.00	BOTTOM OF POND
427	240437.66	1175351.13	391.00	BOTTOM OF POND
428	240438.20	1175298.94	391.00	BOTTOM OF POND
429	240491.77	1175297.59	391.00	BOTTOM OF POND
430	240580.92	1175279.85	396.00	TOP OF POND
431	240587.07	1175290.83	396.00	TOP OF POND
432	240572.93	1175399.59	396.00	TOP OF POND
433	240566.50	1175396.81	396.00	TOP OF POND
434	240424.29	1175374.01	395.00	TOP OF POND
435	240414.88	1175365.36	392.00	TOP OF POND
436	240416.38	1175293.49	392.00	TOP OF POND
437	240426.67	1175281.67	396.00	TOP OF POND
438	240491.14	1175274.73	396.00	TOP OF POND
439	240528.05	1175253.70	396.00	TOP OF POND
440	240541.26	1175250.48	393.00	TOP OF POND
441	240378.04	1175322.10	391.00	BOTTOM OF POND

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C10.02
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
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Parametrix
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P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

GRADING CONTROL TABLES

DRAWING NO.
13 OF 239

C10.05

LAYOUT: C10.05 PATH: C:\Users\SmithNot\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNot DATE: Friday, March 28, 2025 6:39:16 PM

POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
351	240681.31	1175171.70	407.29	MATCH EXISTING, FL
401	240608.63	1174684.87	405.67	BOTTOM OF POND
402	240615.16	1174681.09	405.67	BOTTOM OF POND
403	240647.56	1174643.05	405.67	BOTTOM OF POND
404	240649.54	1174638.17	405.67	BOTTOM OF POND
405	240669.69	1174638.26	405.67	BOTTOM OF POND
406	240682.20	1174666.20	405.67	BOTTOM OF POND
407	240670.10	1174671.11	405.67	BOTTOM OF POND
408	240656.00	1174688.20	405.67	BOTTOM OF POND
409	240625.60	1174700.78	405.67	BOTTOM OF POND
410	240803.56	1174559.04	398.00	BOTTOM OF POND
411	240808.54	1174537.88	398.00	BOTTOM OF POND
412	240825.08	1174531.05	398.00	BOTTOM OF POND
413	240846.17	1174541.36	398.00	BOTTOM OF POND
414	240855.02	1174591.46	398.00	BOTTOM OF POND
415	240832.56	1174633.08	398.00	BOTTOM OF POND
416	240825.90	1174628.71	398.00	BOTTOM OF POND
417	240799.64	1174561.26	399.50	TOP OF POND
418	240806.26	1174533.98	399.50	TOP OF POND
419	240823.45	1174526.86	399.50	TOP OF POND
420	240850.63	1174540.57	399.50	TOP OF POND
421	240859.50	1174590.89	399.50	TOP OF POND
422	240833.21	1174637.54	399.50	TOP OF POND
423	240821.56	1174629.89	399.50	TOP OF POND
424	240539.65	1175272.12	390.00	BOTTOM OF POND
425	240554.02	1175294.27	391.00	BOTTOM OF POND
426	240543.14	1175371.77	391.00	BOTTOM OF POND
427	240437.66	1175351.13	391.00	BOTTOM OF POND
428	240438.20	1175298.94	391.00	BOTTOM OF POND
429	240491.77	1175297.59	391.00	BOTTOM OF POND
430	240580.92	1175279.85	396.00	TOP OF POND
431	240587.07	1175290.83	396.00	TOP OF POND
432	240572.93	1175399.59	396.00	TOP OF POND
433	240566.50	1175396.81	396.00	TOP OF POND
434	240424.29	1175374.01	395.00	TOP OF POND
435	240414.88	1175365.36	392.00	TOP OF POND
436	240416.38	1175293.49	392.00	TOP OF POND
437	240426.67	1175281.67	396.00	TOP OF POND
438	240491.14	1175274.73	396.00	TOP OF POND
439	240528.05	1175253.70	396.00	TOP OF POND
440	240541.26	1175250.48	393.00	TOP OF POND
441	240378.04	1175322.10	391.00	BOTTOM OF POND

POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
442	240376.65	1175391.18	394.00	BOTTOM OF POND
443	240285.59	1175384.30	396.00	BOTTOM OF POND
444	240291.39	1175299.38	392.00	BOTTOM OF POND
445	240316.15	1175314.74	391.00	BOTTOM OF POND
446	240368.26	1175304.15	396.00	TOP OF POND
447	240384.64	1175313.36	392.00	TOP OF POND
448	240382.79	1175392.74	393.00	TOP OF POND
449	240378.26	1175397.08	391.00	TOP OF POND
450	240286.96	1175395.31	394.00	TOP OF POND
451	240284.05	1175391.16	396.00	TOP OF POND
452	240294.96	1175287.87	396.00	TOP OF POND
453	240321.53	1175296.81	396.00	TOP OF POND
454	240777.98	1174928.73	404.21	BOTTOM OF POND
455	240843.40	1174898.09	404.21	BOTTOM OF POND
456	240902.19	1174931.24	404.21	BOTTOM OF POND
457	240908.61	1174959.40	404.21	BOTTOM OF POND
458	240869.09	1174992.32	404.21	BOTTOM OF POND
459	240758.12	1174971.60	404.21	BOTTOM OF POND
460	240756.12	1174960.79	404.21	BOTTOM OF POND
461	240616.20	1175168.10	411.29	POND ACCESS RAMP
462	240615.93	1175235.17	400.97	POND ACCESS RAMP
463	240575.85	1175266.41	395.00	POND ACCESS RAMP
464	240561.44	1175274.16	392.55	POND ACCESS RAMP
465	240541.30	1175296.45	387.00	POND ACCESS RAMP
466	240603.68	1175195.22	407.09	POND ACCESS RAMP
467	240605.32	1175212.73	403.58	POND ACCESS RAMP
468	240589.66	1175241.94	397.66	POND ACCESS RAMP
469	240554.34	1175260.95	392.55	POND ACCESS RAMP
470	240527.41	1175290.63	387.00	POND ACCESS RAMP
471	240548.05	1175244.10	393.99	POND ACCESS RAMP
472	240400.79	1175276.58	397.00	POND ACCESS RAMP
473	240416.46	1175284.61	395.00	POND ACCESS RAMP
474	240364.52	1175315.89	392.00	POND ACCESS RAMP
490	240233.96	1175292.14	396.76	POND ACCESS RAMP
491	240253.16	1175312.94	396.15	POND ACCESS RAMP
492	240268.73	1175313.55	396.20	POND ACCESS RAMP
493	240268.14	1175328.53	396.20	POND ACCESS RAMP
494	240252.60	1175327.93	395.35	POND ACCESS RAMP
495	240231.84	1175347.04	390.82	POND ACCESS RAMP
496	240859.71	1175133.62	408.02	EOC, MATCH EX
497	240851.62	1175172.62	406.95	EOC, MATCH EX
498	240807.97	1175164.81	407.07	EOC, MATCH EX

POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
499	240805.38	1175179.69	406.27	EOC, MATCH EX
500	240754.84	1175169.43	406.79	EOC, MATCH EX
501	240363.44	1175330.66	390.00	BOTTOM OF POND
502	240806.55	1174723.30	402.15	POND ACCESS
503	240832.64	1174680.59	399.77	POND ACCESS
504	240826.33	1174632.36	398.51	POND ACCESS
505	240841.14	1174630.28	398.00	POND ACCESS
506	240843.68	1174648.07	400.34	POND ACCESS
507	240903.11	1174690.97	396.71	POND ACCESS
508	240906.70	1174705.54	396.31	POND ACCESS
509	240815.83	1174744.98	401.87	POND ACCESS
510	240429.22	1175044.63	417.49	HP
511	240429.22	1175146.16	417.91	BL, HP
512	240429.22	1175191.83	413.63	HP
513	240429.22	1175264.21	413.42	HP
514	240759.78	1175145.41	407.78	EOC, MATCH EX

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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DATE AUGUST 2025

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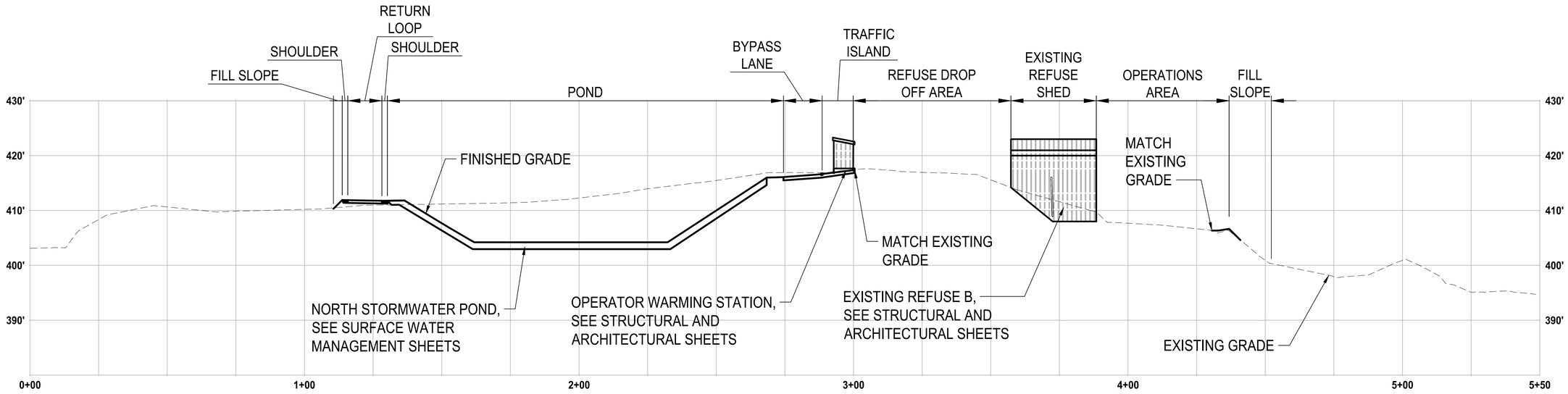
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

GRADING CONTROL TABLES

DRAWING NO. 14 OF 239
C10.06

LAYOUT: C10.06 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:39:20 PM



REFUSE DROP OFF AREA
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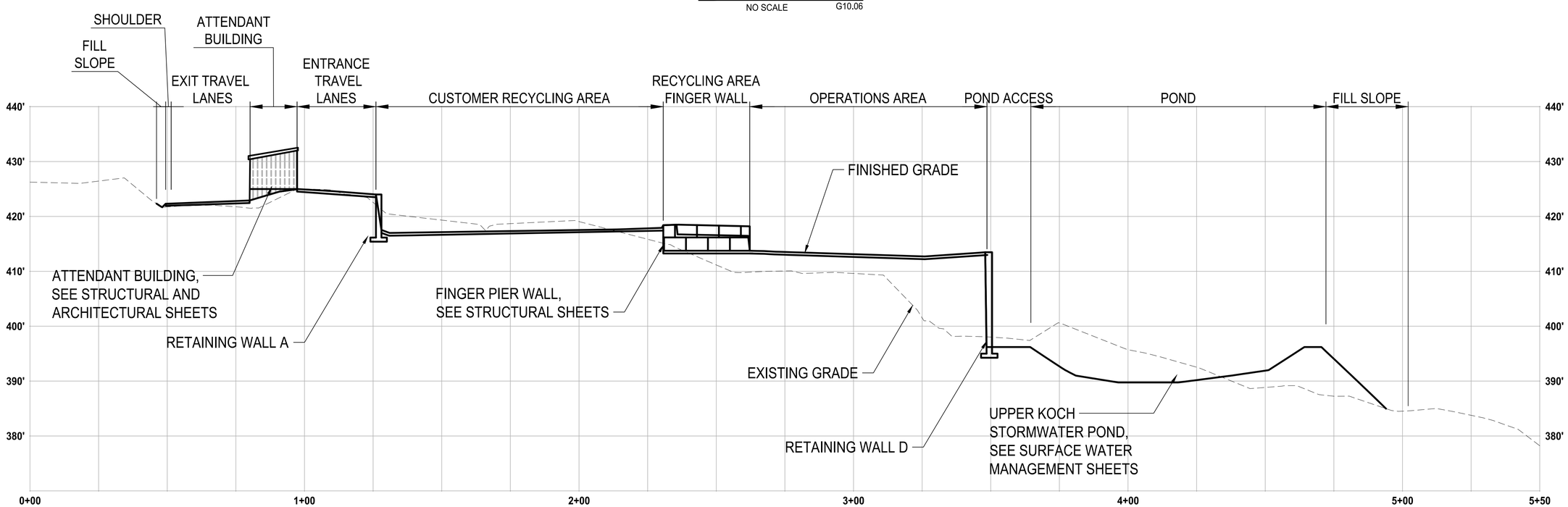

RECYCLING DROP OFF AREA AND ATTENDANT BUILDING
SECTION B
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ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C10.07
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21855 — REGISTERED PROFESSIONAL ENGINEER
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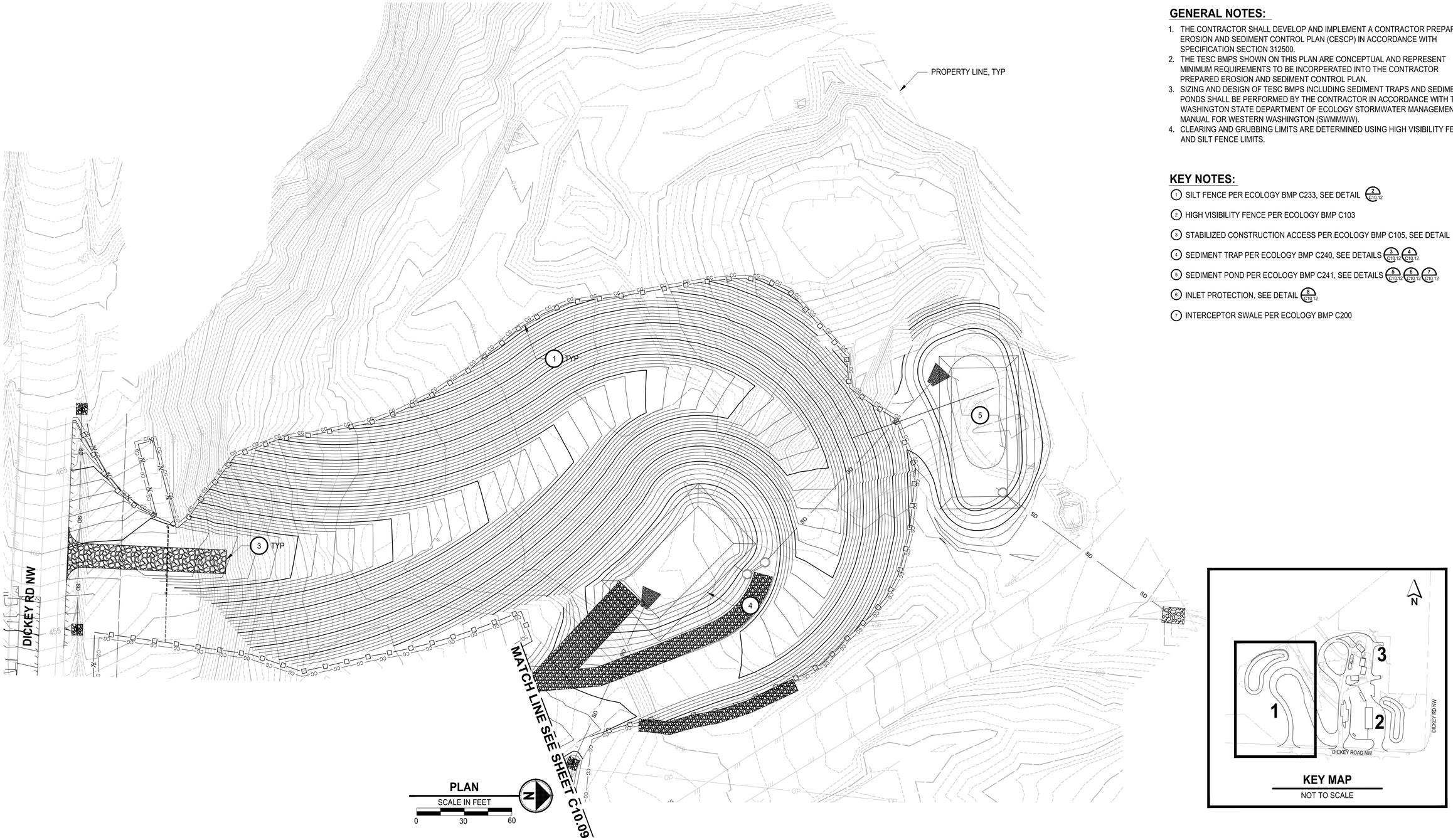
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SITE GRADING SECTIONS

DRAWING NO.
15 OF 239
C10.07

LAYOUT: C10.07 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PWX PLOTTED BY: SmithNat DATE: Monday, March 31, 2025 2:13:38 PM

PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:41:07 PM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
LAYOUT: C10.08



GENERAL NOTES:

1. THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT A CONTRACTOR PREPARED EROSION AND SEDIMENT CONTROL PLAN (CESCP) IN ACCORDANCE WITH SPECIFICATION SECTION 312500.
2. THE TESC BMPS SHOWN ON THIS PLAN ARE CONCEPTUAL AND REPRESENT MINIMUM REQUIREMENTS TO BE INCORPERATED INTO THE CONTRACTOR PREPARED EROSION AND SEDIMENT CONTROL PLAN.
3. SIZING AND DESIGN OF TESC BMPS INCLUDING SEDIMENT TRAPS AND SEDIMENT PONDS SHALL BE PERFORMED BY THE CONTRACTOR IN ACCORDANCE WITH THE WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON (SWMMWW).
4. CLEARING AND GRUBBING LIMITS ARE DETERMINED USING HIGH VISIBILITY FENCE AND SILT FENCE LIMITS.

KEY NOTES:

1. SILT FENCE PER ECOLOGY BMP C233, SEE DETAIL 2/C10.12
2. HIGH VISIBILITY FENCE PER ECOLOGY BMP C103
3. STABILIZED CONSTRUCTION ACCESS PER ECOLOGY BMP C105, SEE DETAIL 1/C10.12
4. SEDIMENT TRAP PER ECOLOGY BMP C240, SEE DETAILS 3/C10.12 4/C10.12
5. SEDIMENT POND PER ECOLOGY BMP C241, SEE DETAILS 5/C10.12 6/C10.12 7/C10.12
6. INLET PROTECTION, SEE DETAIL 8/C10.12
7. INTERCEPTOR SWALE PER ECOLOGY BMP C200

KEY MAP
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C10.09
JOB No. 553-1578-155
DATE AUGUST 2025

EARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN - 1

DRAWING NO.
16 OF 239
C10.08

PLAN
SCALE IN FEET
0 30 60

GENERAL NOTES:

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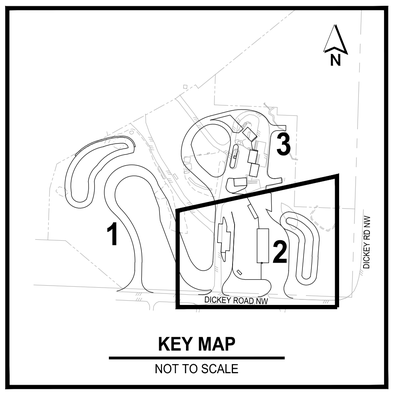
4. SEDIMENT TRAP PER ECOLOGY BMP C240, SEE DETAILS 3/C10.12 4/C10.12
5. SEDIMENT POND PER ECOLOGY BMP C241, SEE DETAILS 5/C10.11 6/C10.11 7/C10.12
6. INLET PROTECTION, SEE DETAIL 8/C10.12
7. INTERCEPTOR SWALE PER ECOLOGY BMP C200



KEY MAP
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ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C10.09
JOB No. 553-1578-155
DATE AUGUST 2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN - 2

DRAWING NO.
17 OF 239
C10.09

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LAYOUT: C10.09
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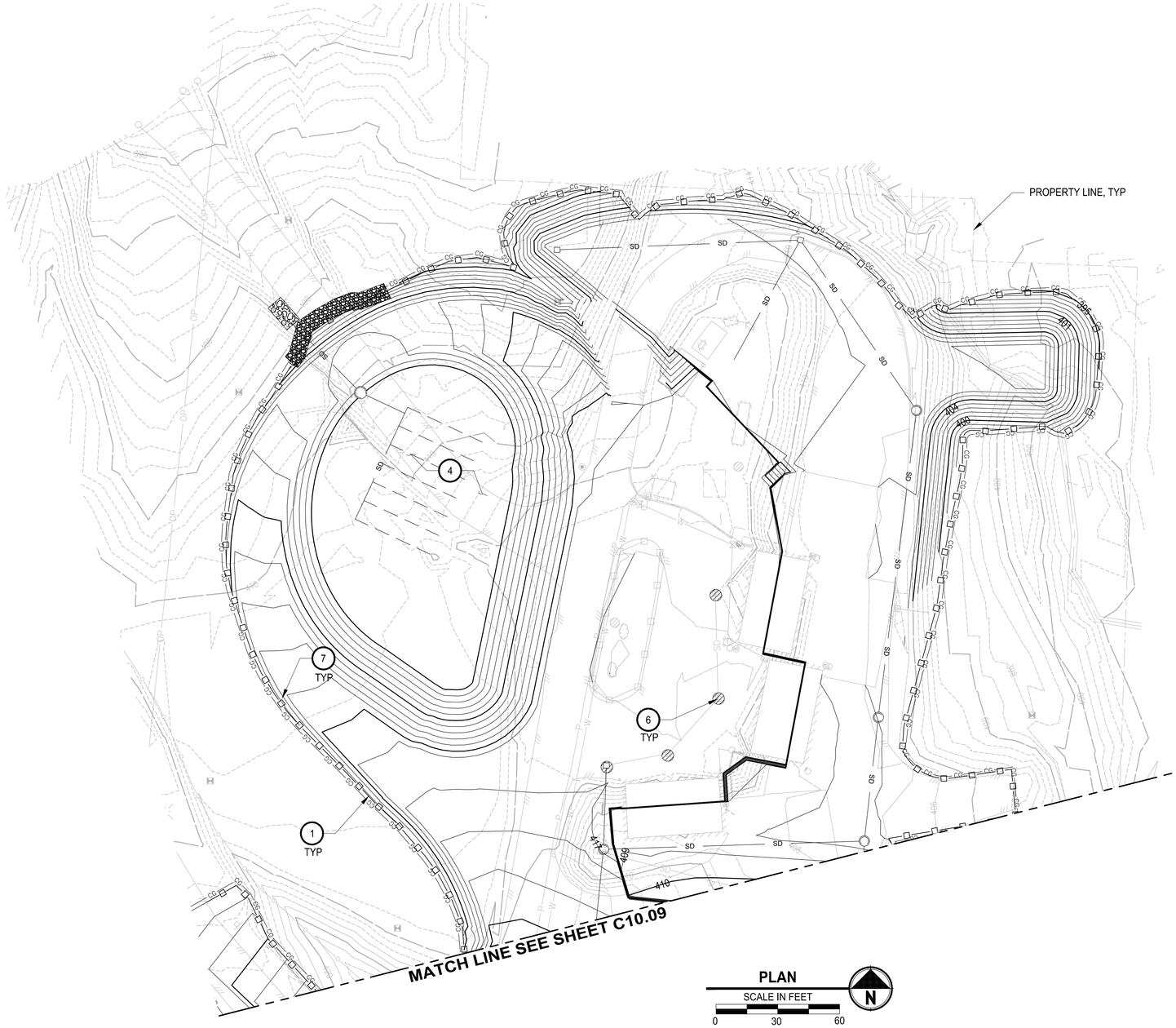

PLAN

SCALE IN FEET

0 30 60

N

GENERAL NOTES:

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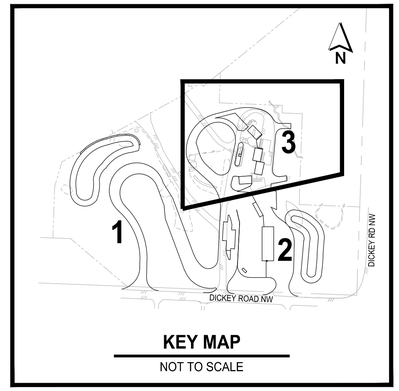
6. INLET PROTECTION, SEE DETAIL 8/C10.12
7. INTERCEPTOR SWALE PER ECOLOGY BMP C200



KEY MAP

NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C10.09
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21836 — REGISTERED PROFESSIONAL ENGINEER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN - 3

DRAWING NO. 18 OF 239

C10.10

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GENERAL EROSION AND SEDIMENTATION CONTROL NOTES:

THE FOLLOWING EROSION AND SEDIMENTATION CONTROL NOTES APPLY TO ALL CONSTRUCTION SITE ACTIVITIES AT ALL TIMES, UNLESS OTHERWISE SPECIFIED ON THESE PLANS:

1. APPROVAL OF THIS EROSION AND SEDIMENTATION CONTROL PLAN DOES NOT CONSTITUTE AN ACCEPTANCE OF THE PERMANENT ROAD OR DRAINAGE DESIGN.

2. THE OWNER AND HIS/HER CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR PREVENTING SILT-LADEN RUNOFF FROM DISCHARGING FROM THE PROJECT SITE. FAILURE BY THE OWNER AND/OR CONTRACTOR CAN RESULT IN A FINE. THE DESIGNATED TEMPORARY CONTACT PERSON NOTED ON THIS PLAN SHALL BE AVAILABLE FOR CONTACT BY TELEPHONE ON A 24-HOUR BASIS THROUGHOUT CONSTRUCTION AND UNTIL THE PROJECT HAS BEEN COMPLETED AND ACCEPTED BY THE COUNTY.

3. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE FACILITIES IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR FROM THE BEGINNING OF CONSTRUCTION UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY THE COUNTY AND THE SITE IS STABILIZED.

4. PRIOR TO BEGINNING ANY WORK ON THE PROJECT SITE, A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD, AND SHALL BE ATTENDED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE GENERAL CONTRACTOR, THE PROJECT ENGINEER, REPRESENTATIVES FROM AFFECTED UTILITIES, AND A REPRESENTATIVE OF KITSAP COUNTY.

5. THE EROSION AND SEDIMENTATION CONTROL FACILITIES SHOWN ON THIS PLAN ARE TO BE CONSIDERED MINIMUM BASIC REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION, DEVIATIONS FROM THIS PLAN MAY BE NECESSARY IN ORDER TO MAINTAIN WATER QUALITY. MINOR DEPARTURES FROM THIS PLAN ARE PERMITTED SUBJECT TO THE APPROVAL OF THE COUNTY INSPECTOR. HOWEVER, EXCEPT FOR EMERGENCY SITUATIONS, ALL OTHER DEVIATIONS FROM THIS PLAN SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF WASHINGTON AND APPROVED BY THE PROJECT ENGINEER AND KITSAP COUNTY PRIOR TO INSTALLATION.

6. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY THE OWNER AND/OR CONTRACTOR ON A FREQUENT BASIS AND IMMEDIATELY AFTER EACH RAINFALL, AND MAINTAINED AS NECESSARY TO INSURE THEIR CONTINUED FUNCTIONING. ALL SEDIMENT SHALL BE REMOVED FROM SILT FENCES, STRAW BALES, SEDIMENT PONDS, ETC. PRIOR TO THE SEDIMENT REACHING 1/3 ITS MAXIMUM POTENTIAL DEPTH.

7. AT NO TIME SHALL CONCRETE, CONCRETE BY-PRODUCTS, VEHICLE FLUIDS, PAINT, CHEMICALS, OR OTHER POLLUTING MATTER BE PERMITTED TO DISCHARGE TO THE TEMPORARY OR PERMANENT DRAINAGE SYSTEM, OR TO DISCHARGE FROM THE PROJECT SITE.

8. PERMANENT DETENTION/RETENTION PONDS, PIPES, TANKS OR VAULTS MAY ONLY BE USED FOR SEDIMENT CONTAINMENT WHEN SPECIFICALLY INDICATED ON THESE PLANS.

9. REDIRECT SHEET FLOW, BLOCK DRAIN INLETS AND/OR CURB OPENINGS IN PAVEMENT AND INSTALL FLOWDIVERSION MEASURES TO PREVENT CONSTRUCTION SILT LADEN RUNOFF AND DEBRIS FROM ENTERING EXCAVATIONS AND FINISH SURFACES FOR BIORETENTION FACILITIES AND PERMEABLE PAVEMENTS.

10. WHERE AMENDED SOILS, BIORETENTION FACILITIES, AND PERMEABLE PAVEMENTS ARE INSTALLED, THESE AREAS SHALL BE PROTECTED AT ALL TIMES FROM BEING OVER-COMPACTED. IF AREAS BECOME COMPACTED, REMEDIATE AND TILL SOIL IN ACCORDANCE WITH THE COUNTY REQUIREMENTS AT NO ADDITIONAL COST IN ORDER TO RESTORE THE SYSTEM'S ABILITY TO INFILTRATE.

11. INSTALL FLOW DIVERSION MEASURES OUTSIDE OF THE CRITICAL ROOT ZONE OF TREES TO BE PROTECTED. AT NO TIME SHALL CONSTRUCTION STORMWATER BE DIRECTED TOWARDS TREES TO BE PROTECTED. CONSTRUCTION STORMWATER SHALL NOT POND WITHIN A TREE'S CRITICAL ROOT ZONE.

MINIMUM EROSION AND SEDIMENTATION CONTROL REQUIREMENTS:

1. ALL EXPOSED AND UNWORKED SOILS, INCLUDING SOIL STOCKPILES, SHALL BE STABILIZED BY SUITABLE APPLICATION OF BMPS THAT PROTECT SOIL FROM THE EROSIVE FORCES OF RAINDROP IMPACT AND FLOWING WATER. APPLICABLE PRACTICES INCLUDE, BUT ARE NOT LIMITED TO VEGETATIVE ESTABLISHMENT, MULCHING, PLASTIC COVERING, AND THE EARLY APPLICATION OF GRAVEL BASE ON AREAS TO BE PAVED. FROM OCTOBER 1 TO APRIL 30, NO SOILS SHALL REMAIN UNSTABILIZED FOR MORE THAN 2 DAYS. FROM MAY 1 TO SEPTEMBER 30, NO SOILS SHALL REMAIN UNSTABILIZED FOR MORE THAN 7 DAYS.

2. AT ALL TIMES OF THE YEAR, THE CONTRACTOR SHALL HAVE SUFFICIENT MATERIALS, EQUIPMENT AND LABOR ON-SITE TO STABILIZE AND PREVENT EROSION FROM ALL DENUDED AREAS WITHIN 12 HOURS AS SITE AND WEATHER CONDITIONS DICTATE.

3. FROM OCTOBER 1ST TO APRIL 30TH, THE PROJECT ENGINEER SHALL VISIT THE DEVELOPMENT SITE A MINIMUM OF ONCE PER WEEK FOR THE PURPOSE OF INSPECTING THE EROSION AND SEDIMENTATION CONTROL FACILITIES, REVIEWING THE PROGRESS OF CONSTRUCTION, AND VERIFYING THE EFFECTIVENESS OF THE EROSION CONTROL MEASURES BEING UNDERTAKEN. THE PROJECT ENGINEER SHALL IMMEDIATELY INFORM THE COUNTY OF ANY PROBLEMS OR POTENTIAL PROBLEMS OBSERVED DURING SAID SITE VISITS, AS WELL AS OF ANY RECOMMENDED CHANGES IN THE EROSION CONTROL MEASURES TO BE UNDERTAKEN. WHEN REQUESTED BY THE COUNTY, THE PROJECT ENGINEER SHALL PROVIDE THE COUNTY WITH WRITTEN RECORDS OF SAID WEEKLY SITE VISITS, INCLUDING DATES OF VISITS AND NOTED SITE OBSERVATIONS.

4. IN THE EVENT THAT GROUND ON A PROJECT SITE IS LEFT BARE AFTER SEPTEMBER 30TH, THE COUNTY MAY ISSUE A STOP WORK ORDER FOR THE ENTIRE PROJECT UNTIL SATISFACTORY CONTROLS ARE PROVIDED. IN ADDITION, THE OWNER WILL BE SUBJECT TO THE PENALTIES PROVIDED IN SECTION 12.32 OF THE KITSAP COUNTY CODE.

5. IN THE EVENT THAT GROUND ON A PROJECT SITE IS LEFT BARE AFTER SEPTEMBER 30TH, AND THE COUNTY IS UNSUCCESSFUL IN CONTACTING THE OWNER OR HIS/HER DESIGNATED EMERGENCY CONTACT PERSON, THE COUNTY MAY ENTER THE PROJECT SITE AND INSTALL TEMPORARY GROUND COVER MEASURES AND BILL THE OWNER FOR ALL EXPENSES INCURRED BY THE COUNTY. THESE COSTS WILL BE IN ADDITION TO ANY MONETARY PENALTIES LEVIED AGAINST THE OWNER.

6. CLEARING LIMITS, SETBACKS, BUFFERS, AND SENSITIVE OR CRITICAL AREAS SUCH AS STEEP SLOPES, WETLANDS AND RIPARIAN CORRIDORS SHALL BE CLEARLY MARKED IN THE FIELD AND INSPECTED BY KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT PRIOR TO COMMENCEMENT OF LAND CLEARING ACTIVITIES. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.

7. ADJACENT PROPERTIES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION BY APPROPRIATE USE OF VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS OR FILTERS, DIKES OR MULCHING, OR BY A COMBINATION OF THESE MEASURES AND OTHER APPROPRIATE BMPS.

8. SEDIMENT PONDS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER BMPS INTENDED TO TRAP SEDIMENT ON-SITE SHALL BE CONSTRUCTED AS A FIRST STEP IN GRADING. THESE BMPS SHALL BE FUNCTIONAL BEFORE LAND DISTURBING ACTIVITIES TAKE PLACE. EARTHEN STRUCTURES SUCH AS DAMS, DIKES, AND DIVERSIONS SHALL BE STABILIZED ACCORDING TO THE TIMING INDICATED IN ITEM (1) ABOVE.

9. CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. ROUGHENED SOIL SURFACES ARE PREFERRED TO SMOOTH SURFACES. INTERCEPTORS SHOULD BE CONSTRUCTED AT THE TOP OF LONG, STEEP SLOPES WHICH HAVE SIGNIFICANT AREAS ABOVE THAT CONTRIBUTE RUNOFF. CONCENTRATED RUNOFF SHOULD NOT BE ALLOWED TO FLOW DOWN THE FACE OF A CUT OR FILL SLOPE UNLESS CONTAINED WITHIN AN ADEQUATE CHANNEL OR PIPE SLOPE DRAIN. WHEREVER A SLOPE FACE CROSSES A WATER SEEPAGE PLANE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHOULD BE PROVIDED. IN ADDITION, SLOPES SHOULD BE STABILIZED IN ACCORDANCE WITH ITEM (1) ABOVE.

10. PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION DUE TO INCREASES IN THE VOLUME, VELOCITY, AND PEAK FLOW RATE OF STORMWATER RUNOFF FROM THE DEVELOPMENT SITE BY THE IMPLEMENTATION OF APPROPRIATE BMPS TO MINIMIZE ADVERSE DOWNSTREAM IMPACTS.

11. ALL TEMPORARY ON-SITE CONVEYANCE CHANNELS SHALL BE DESIGNED, CONSTRUCTED AND STABILIZED TO PREVENT EROSION FROM THE EXPECTED FLOW VELOCITY FROM A 2-YEAR FREQUENCY, 24-HOUR DURATION STORM FOR THE POST-DEVELOPMENT CONDITION. STABILIZATION ADEQUATE TO PREVENT EROSION OF OUTLETS, ADJACENT STREAMBANKS, SLOPES AND DOWNSTREAM REACHES SHALL BE PROVIDED AT THE OUTLETS OF ALL CONVEYANCE SYSTEMS.

12. ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT STORMWATER RUNOFF SHALL NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. AFTER PROPER WRITTEN APPLICATION, THE REQUIREMENT FOR INLET PROTECTION MAY BE WAIVED BY THE COUNTY ON A SITE-SPECIFIC BASIS WHEN THE CONVEYANCE SYSTEM DOWNSTREAM OF THE INLET DISCHARGES TO AN APPROPRIATE SEDIMENT CONTAINMENT BMP AND THE CONVEYANCE SYSTEM CAN BE ADEQUATELY CLEANED FOLLOWING SITE STABILIZATION.

13. THE CONSTRUCTION OF UNDERGROUND UTILITY LINES SHALL BE LIMITED, WHERE FEASIBLE, TO NO MORE THAN 500 FEET OF OPEN TRENCH AT ANY ONE TIME. WHERE CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS, EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE TRENCH. DEWATERING DEVICES SHALL DISCHARGE TO AN APPROPRIATE SEDIMENT TRAP OR POND, PRECEDED BY ADEQUATE ENERGY DISSIPATION, PRIOR TO RUNOFF LEAVING THE SITE.

14. WHEREVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) ONTO THE PAVED ROAD BY USE OF APPROPRIATE BMPS SUCH AS A STABILIZED CONSTRUCTION ENTRANCE. IF SEDIMENT IS TRANSPORTED ONTO A ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY, AS A MINIMUM, AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.

15. ALL TEMPORARY EROSION AND SEDIMENT CONTROL BMPS SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON-SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL OF TEMPORARY BMPS SHALL BE PERMANENTLY STABILIZED. THE REMOVAL OF TEMPORARY EROSION AND SEDIMENT CONTROL BMPS MAY NOT BE REQUIRED FOR THOSE PROJECTS, SUCH AS SINGLE FAMILY PLATS, THAT WILL BE FOLLOWED BY ADDITIONAL CONSTRUCTION UNDER A DIFFERENT PERMIT. IN THESE CIRCUMSTANCES, THE NEED FOR REMOVING OR RETAINING THE MEASURES WILL BE EVALUATED ON A SITE-SPECIFIC BASIS.

16. DEWATERING DEVICES SHALL DISCHARGE INTO AN APPROPRIATE SEDIMENT TRAP OR POND, DESIGNED TO ACCEPT SUCH A DISCHARGE, PRECEDED BY ADEQUATE ENERGY DISSIPATION, PRIOR TO RUNOFF LEAVING THE SITE.

17. ALL POLLUTANTS OTHER THAN SEDIMENT THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND LEGALLY DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM OR SURFACE WATERS. POLLUTANTS OF CONCERN INCLUDE, BUT ARE NOT LIMITED TO, FUELS, LUBRICANTS, SOLVENTS, CONCRETE BI-PRODUCTS AND CONSTRUCTION MATERIALS.

18. PROTECT ALL LID BMPS, INCLUDING BUT NOT LIMITED TO BIORETENTION, RAIN GARDEN, AND PERMEABLE PAVEMENT, FROM SEDIMENTATION THROUGH INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL BMPS ON PORTIONS OF THE SITE THAT DRAIN INTO SUCH BMPS. RESTORE THE BMPS TO THEIR FULLY FUNCTIONING CONDITION IF THEY ACCUMULATE SEDIMENT DURING CONSTRUCTION. PREVENT COMPACTION IN BIORETENTION AND RAIN GARDEN BMPS BY EXCLUDING CONSTRUCTION EQUIPMENT AND FOOT TRAFFIC. PROTECT LAWN AND LANDSCAPED AREAS FROM COMPACTION BY CONSTRUCTION EQUIPMENT. KEEP ALL HEAVY EQUIPMENT OFF EXISTING SOILS UNDER LID FACILITIES THAT HAVE BEEN EXCAVATED TO FINAL GRADE TO RETAIN INFILTRATION RATE OF THE SOILS.

19. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL BMPS SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL MAINTENANCE AND REPAIR SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUAL. THE APPLICANT SHALL BE RESPONSIBLE FOR ASSURING THAT ANY SUCH FACILITIES DAMAGED DURING FLOODS, STORMS OR OTHER ADVERSE WEATHER CONDITIONS ARE IMMEDIATELY RETURNED TO NORMAL OPERATING CONDITION.

20. A PERFORMANCE COVENANT OR PERFORMANCE SURETY SHALL BE REQUIRED FOR ALL PROJECTS TO ENSURE COMPLIANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, AS OUTLINED IN SECTION 12.12 OF THE KITSAP COUNTY CODE.

TEMPORARY EROSION AND SEDIMENTATION CONTROL MAINTENANCE REQUIREMENTS:

1. EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE INSPECTED AFTER EACH STORM EVENT AND DAILY DURING PROLONGED RAINFALL.

2. NECESSARY REPAIRS OR REPLACEMENT OF FACILITIES SHALL BE ACCOMPLISHED PROMPTLY.

3. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT OR WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE MAXIMUM POTENTIAL DEPTH.

4. SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE ESC FACILITIES ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

5. TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE MAINTAINED BY:

_____

_____

EMERGENCY PHONE NUMBER

THE OWNER'S REPRESENTATIVE SHALL BE:

_____

_____

EMERGENCY PHONE NUMBER

INSPECTION SCHEDULE:

1. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF COMMUNITY DEVELOPMENT TO ARRANGE FOR INSPECTION OF THE VARIOUS WORK ACTIVITIES LISTED BELOW. ALL INSPECTIONS SHALL BE COMPLETED PRIOR TO PROCEEDING WITH THE NEXT PHASE OF WORK.

   A. ESTABLISHMENT OF CLEARING LIMITS.

   B. IMPLEMENTATION OF THE VARIOUS PHASES OF THE EROSION AND SEDIMENTATION CONTROL PLAN.

   C. INSTALLATION OF CONVEYANCE, ON-SITE STORMWATER MANAGEMENT, FLOW CONTROL, AND WATER QUALITY TREATMENT BMPS, PRIOR TO BACKFILL.

   D. PROTECTION OF ON-SITE STORMWATER MANAGEMENT BMPS.

   E. PRIOR TO PLACEMENT OF THE OUTLET CONTROL STRUCTURES (ORIFICE SIZE VERIFIED).

   F. FOR PUBLIC ROAD PROJECTS:

      I. INSPECTION OF PREPARED SUB-GRADE.
      II. INSPECTION OF GRAVEL BASE PLACEMENT.
      III. INSPECTION OF FINE GRADING PRIOR TO PAVING.
      IV. INSPECTION OF PAVING OPERATIONS.
      V. FINAL INSPECTION.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK PERFORMED AND SHALL ENSURE THAT CONSTRUCTION IS ACCEPTABLE TO KITSAP COUNTY.

3. IF INSPECTION IS NOT CALLED FOR PRIOR TO COMPLETION OF ANY ITEM OF WORK SO DESIGNATED, SPECIAL DESTRUCTIVE AND/OR NON-DESTRUCTIVE TESTING PROCEDURES MAY BE REQUIRED TO ENSURE THE ACCEPTABILITY OF THE WORK. IF SUCH PROCEDURES ARE REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE TESTING AND/OR RESTORATION OF THE WORK.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C10.11
JOB No. 553-1578-155
DATE AUGUST 2025

EARL R. HUFNAGEL — STATE OF WASHINGTON — 21870 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

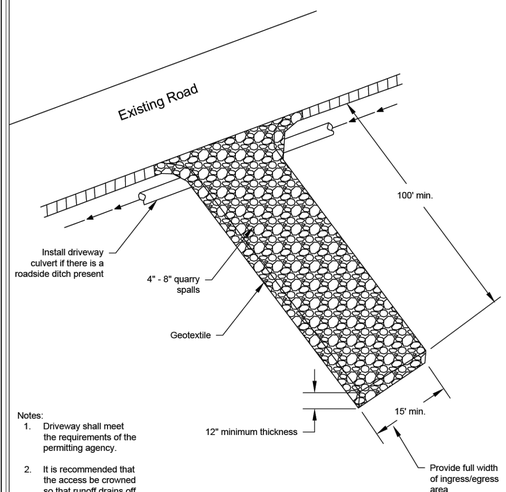
TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

DRAWING NO. 19 OF 239
C10.11

LAYOUT: C10.11 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:41:32 PM

PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:41:42 PM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
LAYOUT: C10.12

NOT TO SCALE



Notes:
1. Driveway shall meet the requirements of the permitting agency.
2. It is recommended that the access be crowned so that runoff drains off the pad.

DEPARTMENT OF ECOLOGY State of Washington

Stabilized Construction Access DETAIL 1

Revised June 2018

NO SCALE

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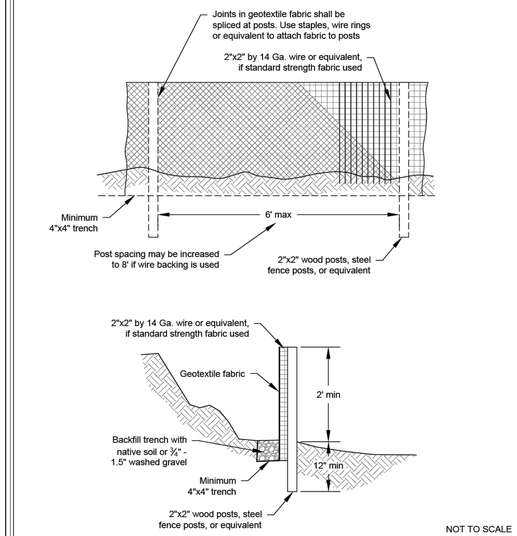

NOT TO SCALE

DEPARTMENT OF ECOLOGY State of Washington

Silt Fence DETAIL 2

Revised July 2017

NO SCALE

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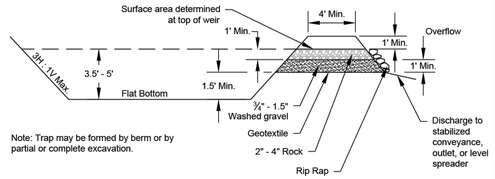

Note: Trap may be formed by berm or by partial or complete excavation.

NOT TO SCALE

DEPARTMENT OF ECOLOGY State of Washington

Cross Section of Sediment Trap DETAIL 3

Revised June 2016

NO SCALE

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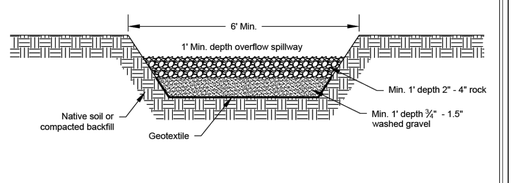

NOT TO SCALE

DEPARTMENT OF ECOLOGY State of Washington

Sediment Trap Outlet DETAIL 4

Revised June 2016

NO SCALE

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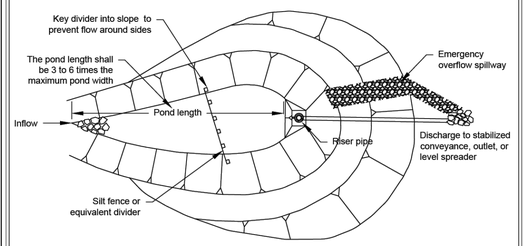

Note: Pond may be formed by berm or by partial or complete excavation

NOT TO SCALE

DEPARTMENT OF ECOLOGY State of Washington

Sediment Pond Plan View DETAIL 5

Revised June 2016

NO SCALE

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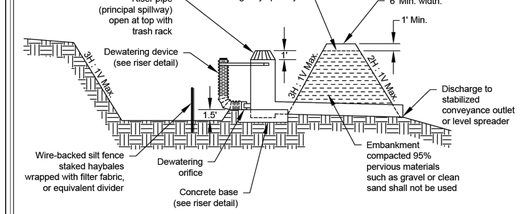

NOT TO SCALE

DEPARTMENT OF ECOLOGY State of Washington

Sediment Pond Cross Section DETAIL 6

Revised June 2016

NO SCALE

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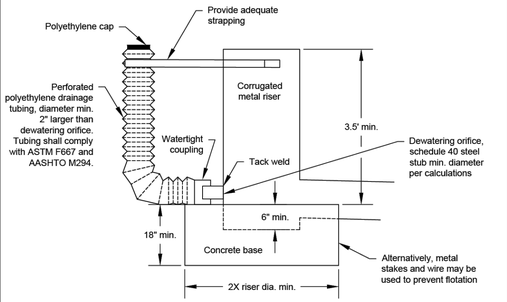

NOT TO SCALE

DEPARTMENT OF ECOLOGY State of Washington

Sediment Pond Riser Detail DETAIL 7

Revised June 2016

NO SCALE

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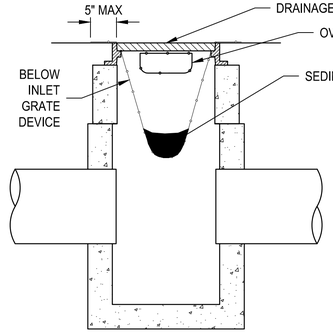

NOTES

1. SIZE THE BELOW GRADE INLET DEVICE FOR THE STORM WATER STRUCTURE IT WILL SERVE.
2. THERE SHALL BE A BUILT-IN HIGH-FLOW RELEASE SYSTEM (OVERFLOW BYPASS).
3. THE RETRIEVAL SYSTEM MUST ALLOW REMOVAL OF THE DEVICE WITHOUT SPILLING THE COLLECTED MATERIAL.
4. PERFORM MAINTENANCE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 8-01.3(15)

INLET PROTECTION DETAIL 8

NO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C10.12
JOB No. 553-1578-155
DATE AUGUST 2025

KYLE R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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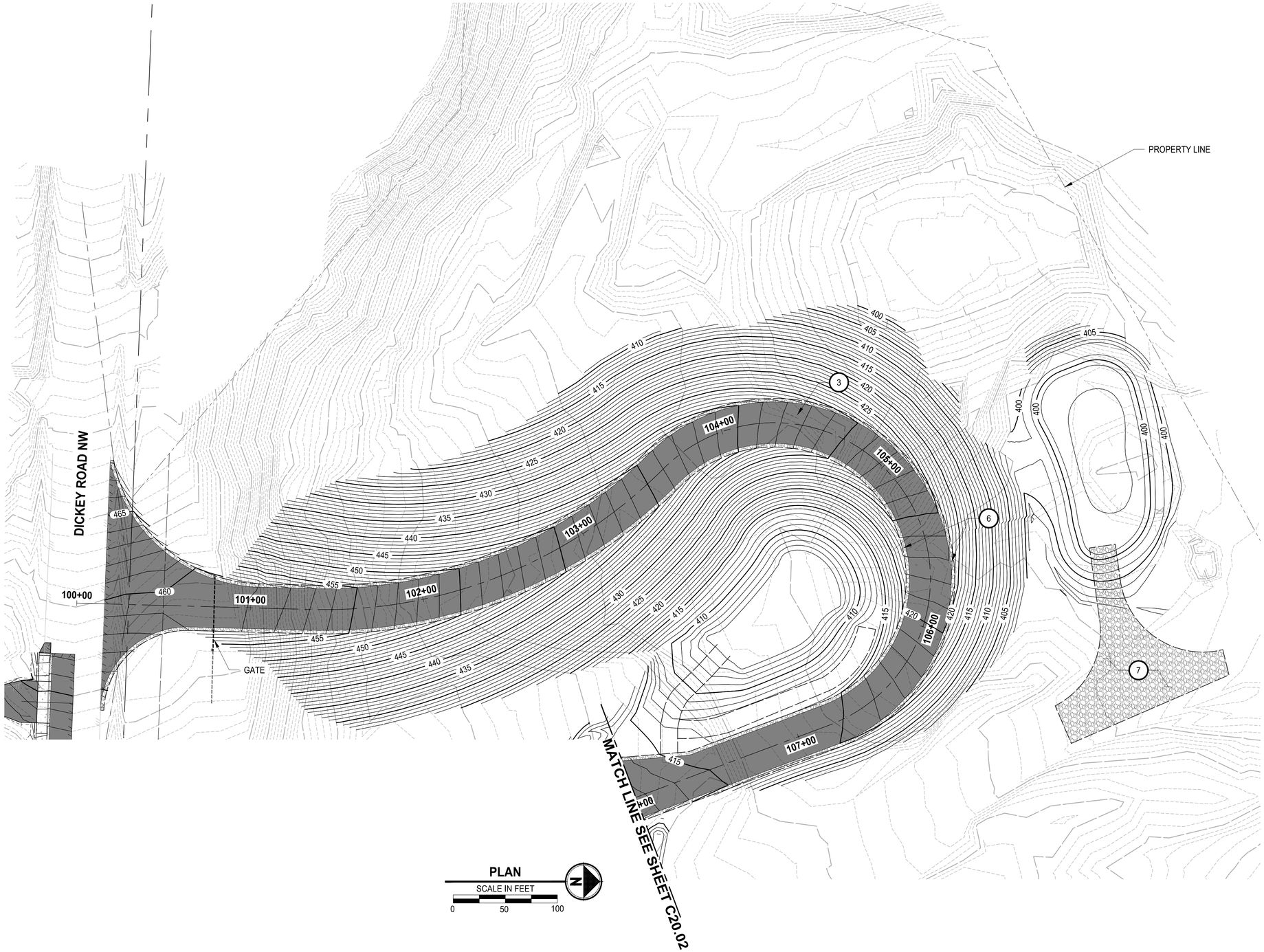
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS

DRAWING NO. 20 OF 239
C10.12



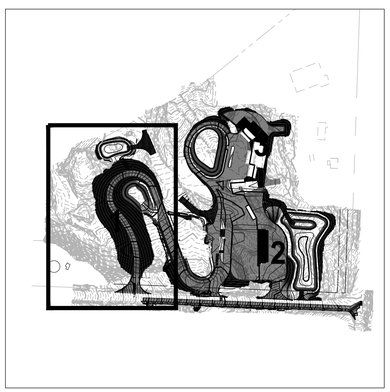
PLAN
SCALE IN FEET
0 50 100

GENERAL NOTES:

1. FOR ROADWAY PAVING LIMITS, SEE ROADWAY PLAN AND PROFILES AND TYPICAL ROADWAY SECTIONS, SHEETS C20.04 - C20.07.
2. FOR GENERAL SITE PAVING LIMITS, SEE GRADING PLANS, SHEETS C10.03 - C10.05.
3. FOR SURFACING AND PAVING SECTIONS, SEE TYPICAL ROADWAY SECTIONS AND DETAILS, SHEET C20.07.
4. COORDINATES SHOWN ARE TO FLOWLINE/FACE OF CURB.

KEY NOTES:

1. ROLLED CURB AND GUTTER PER WSDOT STD PLAN F-10.18-03 CURB 2 (A / C20.07)
2. CEMENT CONCRETE TRAFFIC CURB PER WSDOT STD PLAN F-10.12.04 (B / C20.07)
3. 3" HMA CL $\frac{1}{2}$ IN PG 58H-22
4. 5" HMA CL $\frac{1}{2}$ IN PG 58H-22
5. 5.5' WIDE CEMENT CONCRETE SIDEWALK PER WSDOT STD PLAN F-30.10-04
6. 6" CSTC OVER 6" CSBC
7. 4" CSTC OVER 8" CSBC
8. EXISTING CONCRETE PAVEMENT
9. NEW CONCRETE PAVEMENT



ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C20.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21607 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

KITSAP COUNTY — WASHINGTON 18 57
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

PAVING PLAN - 1

DRAWING NO.
21 OF 239
C20.01

PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:42:43 PM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CAD0\DWG\C - PMX
LAYOUT: C20.01

GENERAL NOTES:

1. FOR ROADWAY PAVING LIMITS, SEE ROADWAY PLAN AND PROFILES AND TYPICAL ROADWAY SECTIONS, SHEETS C20.04 - C20.07.
2. FOR GENERAL SITE PAVING LIMITS, SEE GRADING PLANS, SHEETS C10.03 - C10.05.
3. FOR SURFACING AND PAVING SECTIONS, SEE TYPICAL ROADWAY SECTIONS AND DETAILS, SHEET C20.07.
4. COORDINATES SHOWN ARE TO FLOWLINE/FACE OF CURB.

KEY NOTES:

1. ROLLED CURB AND GUTTER PER WSDOT STD PLAN F-10.18-03 CURB 2 (A C20.07)
2. CEMENT CONCRETE TRAFFIC CURB PER WSDOT STD PLAN F-10.12.04 (B C20.07)
3. 3" HMA CL $\frac{1}{2}$ IN PG 58H-22
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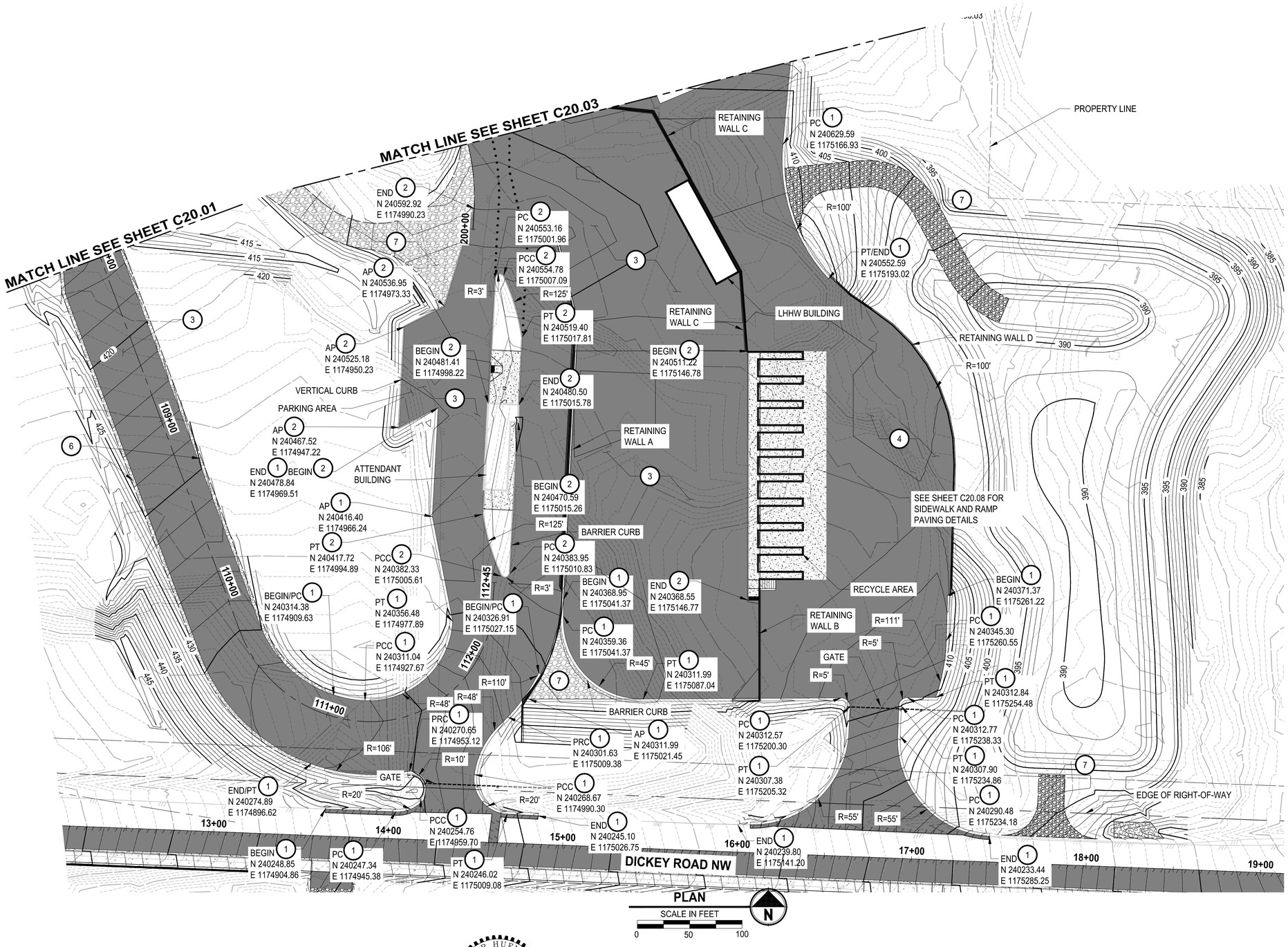
6. 6" CSTC OVER 6" CSBC
7. 4" CSTC OVER 8" CSBC
8. EXISTING CONCRETE PAVEMENT
9. NEW CONCRETE PAVEMENT



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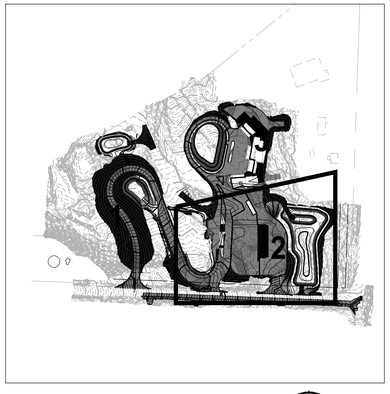

KEY MAP
SCALE IN FEET
0

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C20.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21902 — REGISTERED PROFESSIONAL ENGINEER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

PAVING PLAN - 2

DRAWING NO. 22 OF 239
C20.02

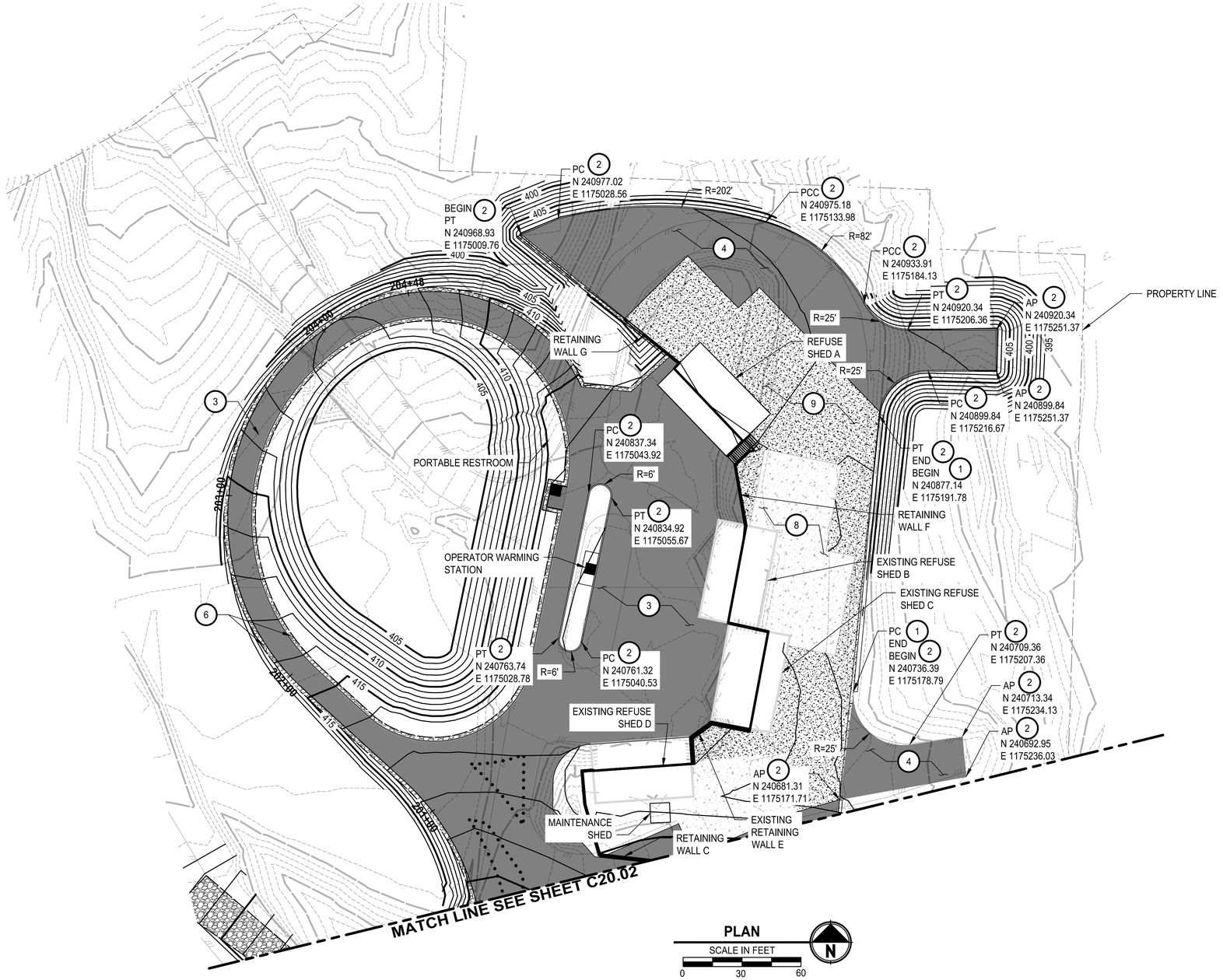
LAYOUT: C20.02 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C — PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:42:55 PM

GENERAL NOTES:

1. FOR ROADWAY PAVING LIMITS, SEE ROADWAY PLAN AND PROFILES AND TYPICAL ROADWAY SECTIONS, SHEETS C20.04 - C20.07.
2. FOR GENERAL SITE PAVING LIMITS, SEE GRADING PLANS, SHEETS C10.03 - C10.05.
3. FOR SURFACING AND PAVING SECTIONS, SEE TYPICAL ROADWAY SECTIONS AND DETAILS, SHEET C20.07.
4. COORDINATES SHOWN ARE TO FLOWLINE/FACE OF CURB.

KEY NOTES:

1. ROLLED CURB AND GUTTER PER WSDOT STD PLAN F-10.18-03 CURB 2 (A C20.07)
2. CEMENT CONCRETE TRAFFIC CURB PER WSDOT STD PLAN F-10.12.04 (B C20.07)
3. 3" HMA CL ½ IN PG 58H-22
4. 5" HMA CL ½ IN PG 58H-22
5. 5.5' WIDE CEMENT CONCRETE SIDEWALK PER WSDOT STD PLAN F-30.10-04
6. 6" CSTC OVER 6" CSBC
7. 4" CSTC OVER 8" CSBC
8. EXISTING CONCRETE PAVEMENT
9. NEW CONCRETE PAVEMENT



PLAN
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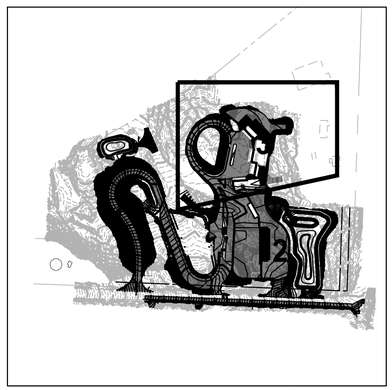

KEY MAP
SCALE IN FEET
0 30(

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C20.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL STATE OF WASHINGTON 21807 REGISTERED PROFESSIONAL ENGINEER
8/7/25

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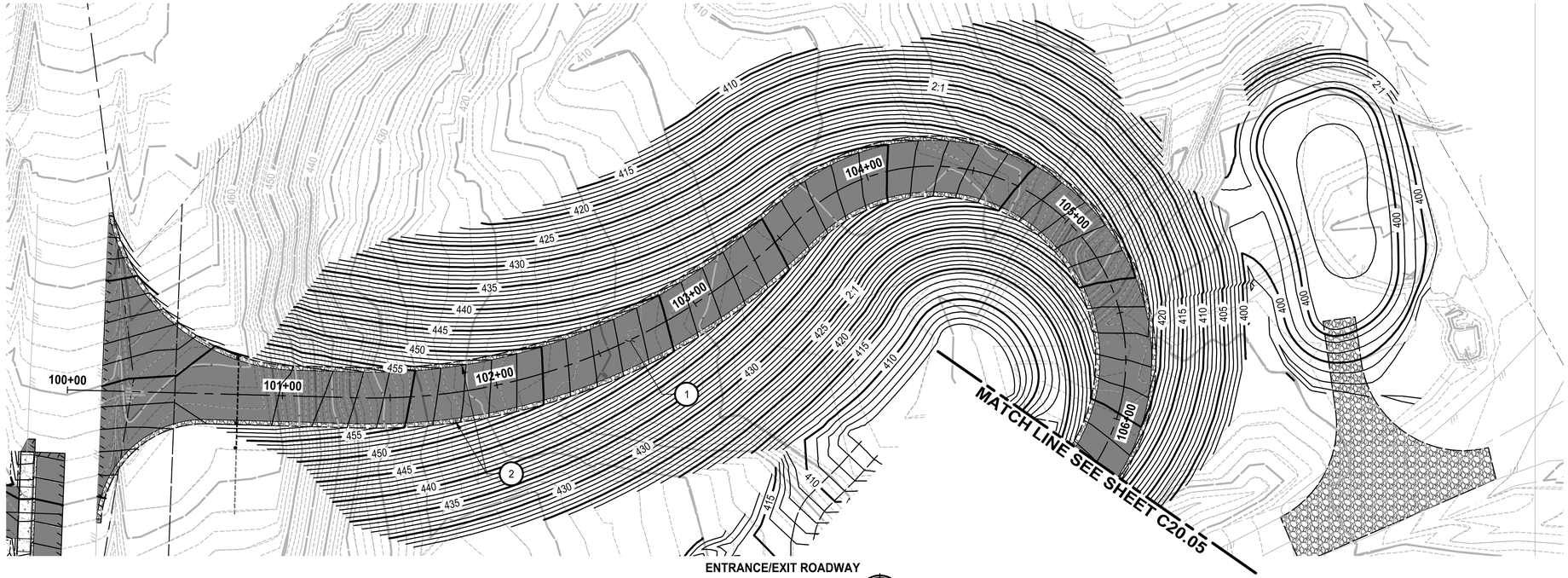
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

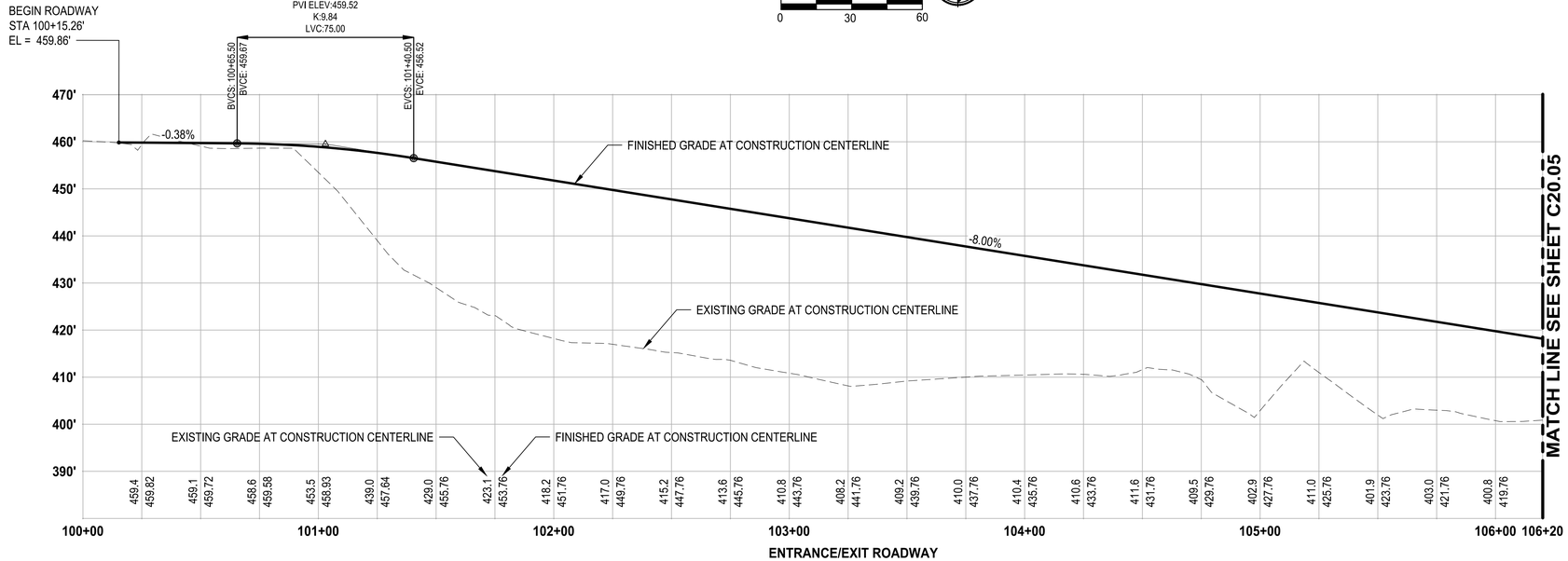
PAVING PLAN - 3

DRAWING NO.
23 OF 239
C20.03

LAYOUT: C20.03 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:43:05 PM



ENTRANCE/EXIT ROADWAY
PLAN
SCALE IN FEET
0 30 60



ENTRANCE/EXIT ROADWAY
PROFILE
HORIZ: 1"=30'
VERT: 1"=15'

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING UTILITIES.
2. FOR ILLUMINATION, SEE E SHEETS.
3. FOR RESTORATION OF CUT AND FILL AREAS, SEE LANDSCAPE SHEETS LS1-LS3.
4. FOR STORMWATER STRUCTURE INFORMATION, SEE SHEETS C40.01-40.12.
5. FOR GUARDRAIL, SIGNAGE, FENCING AND STRIPING, SEE SHEET C50.01-C50.03.
6. FOR CURB, GUTTER AND RETAINING WALL INFORMATION SEE SHEET C20.01-20.03.

ROADWAY NOTES:

1. HMA CL. 1/2 IN PG 58H-22 (A-E 220.07)
2. 2' CSTC SHOULDER

LEGEND:

- HMA CL. 1/2 IN PG 58H-22
- CRUSHED SURFACING TOP COURSE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C20.04
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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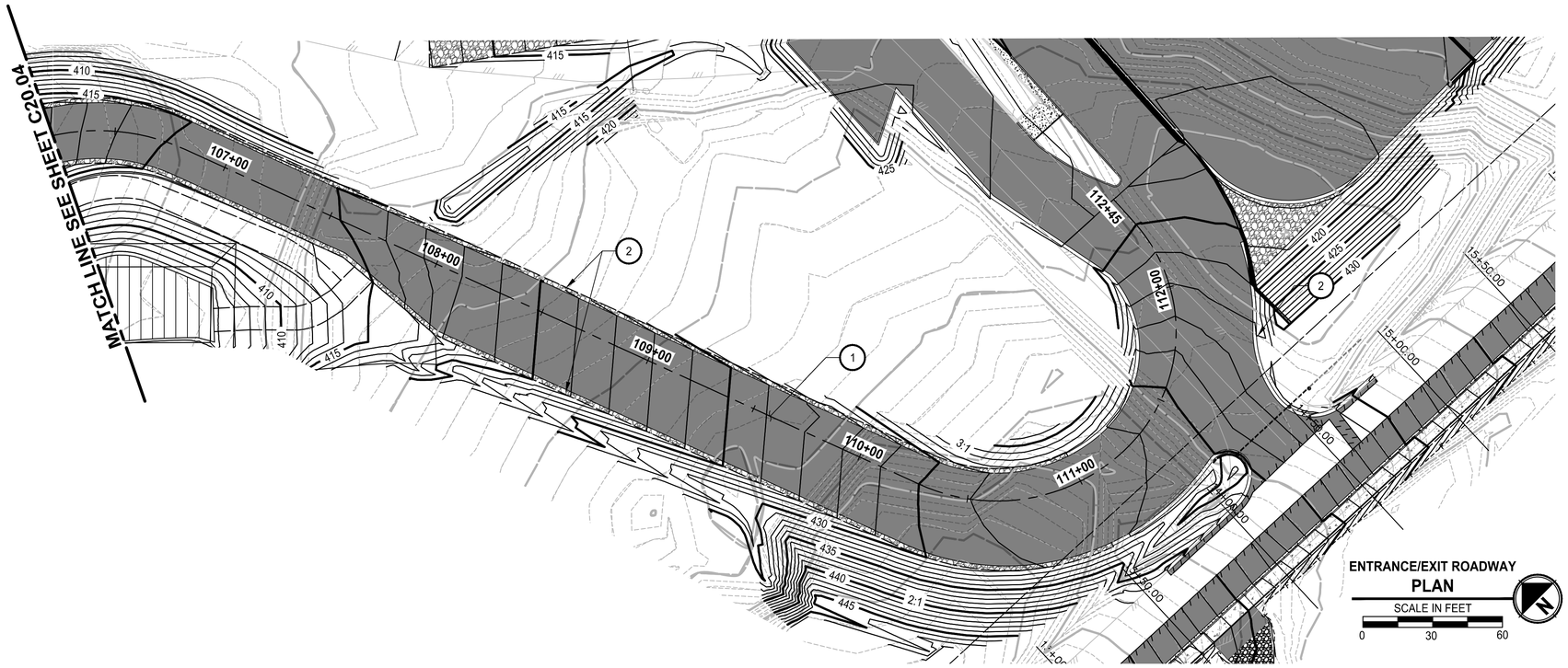
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ROADWAY PLAN AND PROFILE - 1

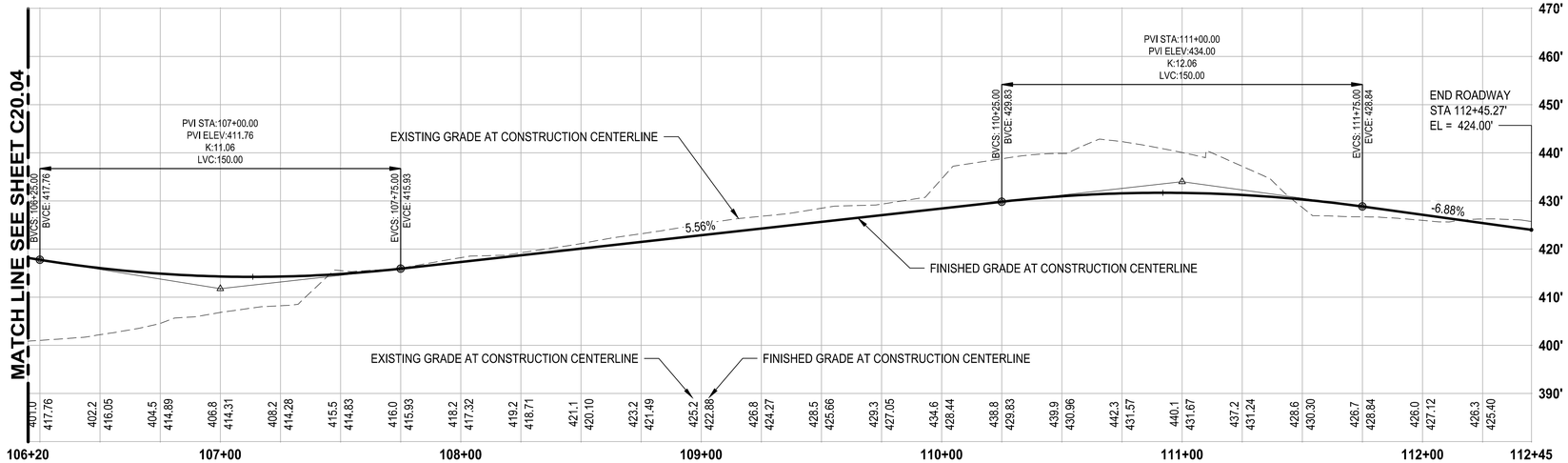
DRAWING NO.
24 OF 239
C20.04

LAYOUT: C20.04 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Wednesday, July 2, 2025 8:45:08 AM



ENTRANCE/EXIT ROADWAY
PLAN

SCALE IN FEET
0 30 60



ENTRANCE/EXIT ROADWAY
PROFILE

HORIZ: 1"=30'
VERT: 1"=15'

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING UTILITIES.
2. FOR ILLUMINATION, SEE E SHEETS.
3. FOR RESTORATION OF CUT AND FILL AREAS, SEE LANDSCAPE SHEETS LS1-LS3.
4. FOR STORMWATER STRUCTURE INFORMATION, SEE SHEETS C40.01-40.12.
5. FOR GUARDRAIL, SIGNAGE, FENCING AND STRIPING, SEE SHEET C50.01-C50.03.
6. FOR CURB, GUTTER AND RETAINING WALL INFORMATION SEE SHEET C20.01-20.03.

ROADWAY NOTES:

1. HMA CL. 1/2 IN PG 58H-22 (A-E 220.07)
2. 2' CSTC SHOULDER

LEGEND:

- HMA CL. 1/2 IN PG 58H-22
- CRUSHED SURFACING TOP COURSE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C20.04
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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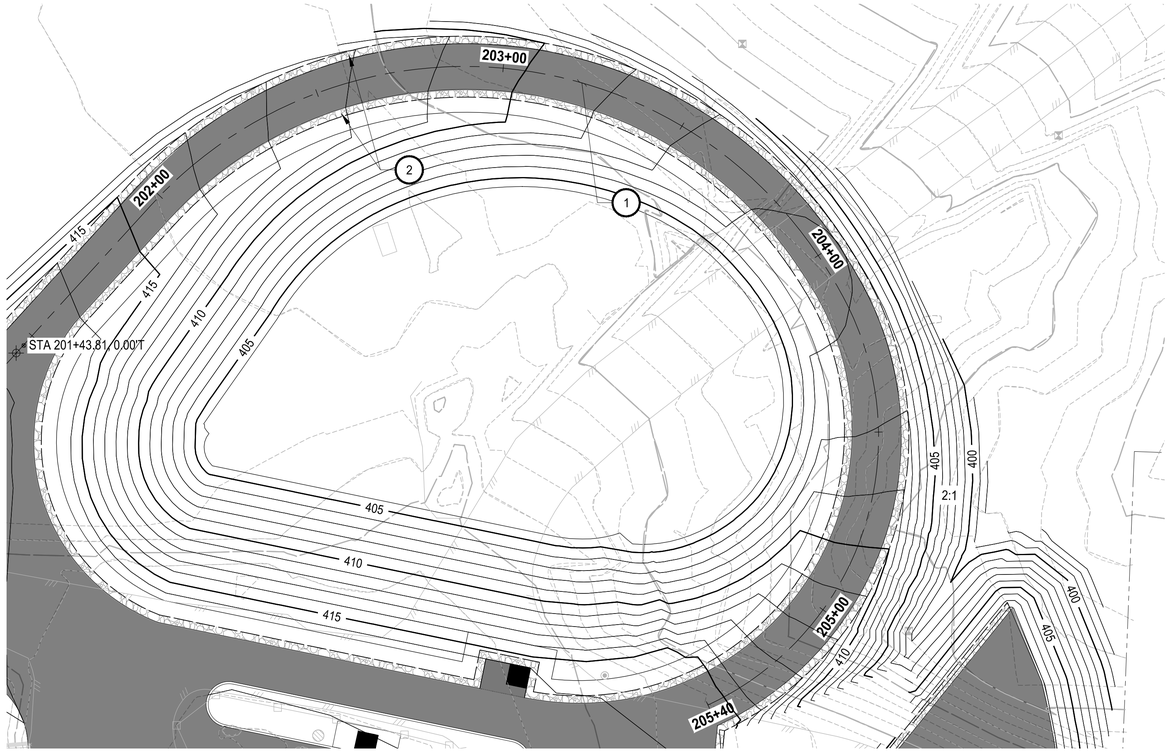
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ROADWAY PLAN AND PROFILE - 2

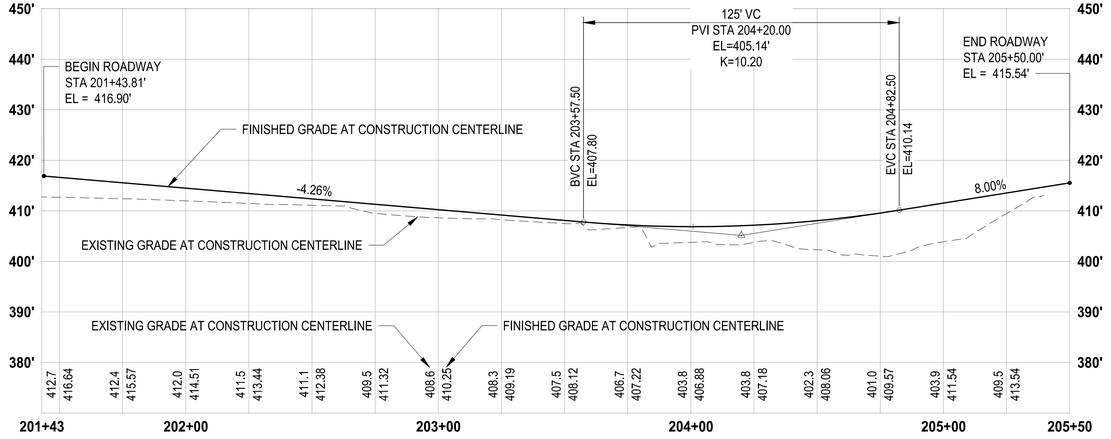
DRAWING NO.
25 OF 239

C20.05

LAYOUT: C20.05 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C — PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:44:02 PM



RETURN LOOP
PLAN
SCALE IN FEET
0 20 40



RETURN LOOP
PROFILE
HORIZ: 1"=30'
VERT: 1"=15'

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING UTILITIES.
2. FOR ILLUMINATION, SEE E SHEETS.
3. FOR RESTORATION OF CUT AND FILL AREAS, SEE LANDSCAPE SHEETS LS1-LS3.
4. FOR STORMWATER STRUCTURE INFORMATION, SEE SHEETS C40.01-40.12.
5. FOR GUARDRAIL, SIGNAGE, FENCING AND STRIPING, SEE SHEET C50.01-C50.03.
6. FOR CURB, GUTTER AND RETAINING WALL INFORMATION SEE SHEET C20.01-20.03.

ROADWAY NOTES:

1. HMA CL. 1/2 IN PG 58H-22 (A-E, 20.0')
2. 2' CSTC SHOULDER

LEGEND:

- HMA CL. 1/2 IN PG 58H-22
- CRUSHED SURFACING TOP COURSE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C20.04
JOB No. 553-1578-155
DATE AUGUST 2025

KYLE R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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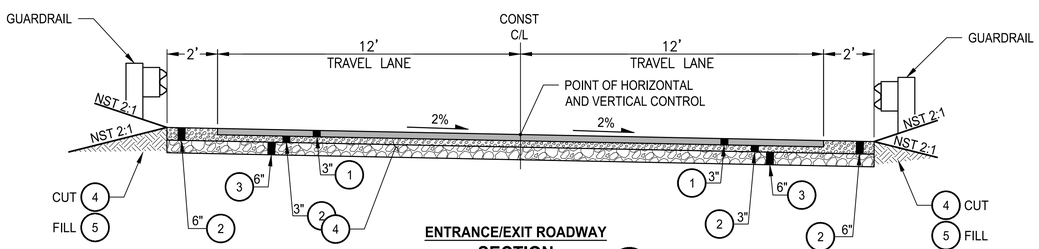
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

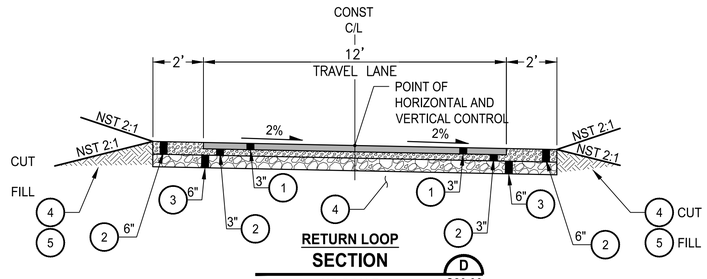
ROADWAY PLAN AND PROFILE - 3

DRAWING NO. 26 OF 239
C20.06

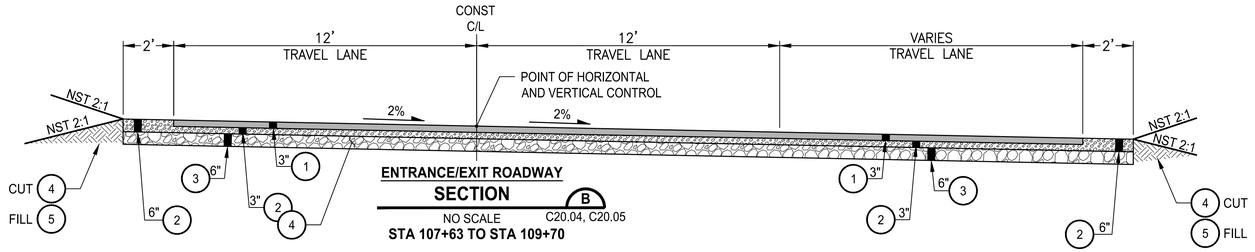
LAYOUT: C20.06 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CAD0\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:44:12 PM



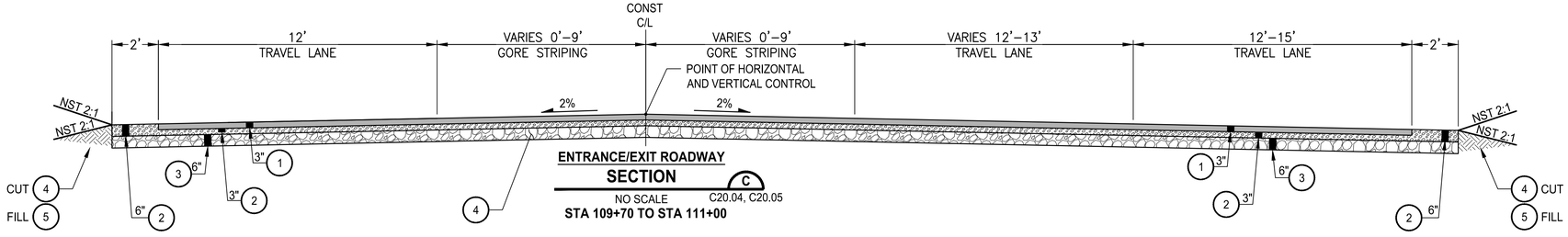
ENTRANCE/EXIT ROADWAY
SECTION A
NO SCALE C20.04, C20.05
STA 101+03 TO STA 107+63



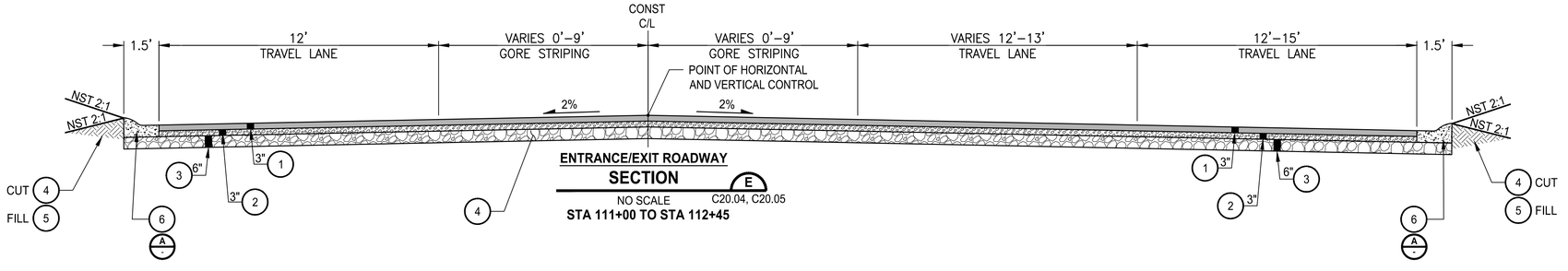
RETURN LOOP
SECTION D
NO SCALE C20.06
STA 201+49 TO STA 205+40



ENTRANCE/EXIT ROADWAY
SECTION B
NO SCALE C20.04, C20.05
STA 107+63 TO STA 109+70



ENTRANCE/EXIT ROADWAY
SECTION C
NO SCALE C20.04, C20.05
STA 109+70 TO STA 111+00



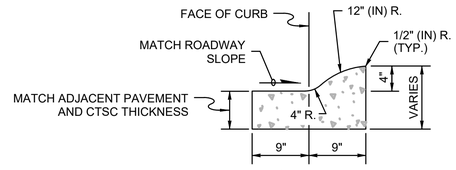
ENTRANCE/EXIT ROADWAY
SECTION E
NO SCALE C20.04, C20.05
STA 111+00 TO STA 112+45

GENERAL NOTES:

1. RESTORATION OF CUT AND FILL AREAS SHALL BE PER C10.03, C10.04, AND C10.05.
2. SHOULDER CROSS SLOPES SHALL MATCH ROADWAY CROSS SLOPES.
3. SEE APPLICABLE GRADING SHEETS FOR VARYING CROSS SLOPES OF LANES.
4. LANE WIDTHS ARE MEASURED TO THE CURB FLOWLINE.
5. SEE C50.01, C50.02, AND C50.03 FOR GUARDRAIL LOCATIONS.

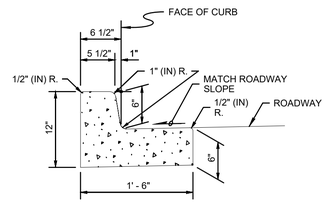
CONSTRUCTION NOTES:

1. HMA CL 1/2IN PG 58H-22
2. CRUSHED SURFACING TOP COURSE
3. CRUSHED SURFACING BASE COURSE
4. COMPACTED SUBGRADE
5. SELECT NATIVE BACKFILL OR GRAVEL BORROW MEETING REQUIREMENTS OF SECTION 2-03 AND PROJECT GEOTECHNICAL ENGINEERING REPORT INCLUDED IN ATTACHMENTS TO SPECIFICATIONS.
6. ROLLED CURB AND GUTTER PER WSDOT STD PLAN F-10.18-03 CURB 2 (A)



CURB 2
(OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER
(SINGLE SLOPE CURB)

ROLLED CURB AND GUTTER PER WSDOT PLAN F-10.18-03
DETAIL A
NO SCALE C20.01,C10.02,C10.03



CEMENT CONCRETE TRAFFIC CURB AND GUTTER
CEMENT CONCRETE TRAFFIC CURB PER WSDOT STD PLAN F-10.12-04
DETAIL B
NO SCALE C20.01,C10.02,C10.03

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–C20.07
JOB No. 553-1578-155
DATE AUGUST 2025

KERI R. HUFNAGEL — STATE OF WASHINGTON — 21836 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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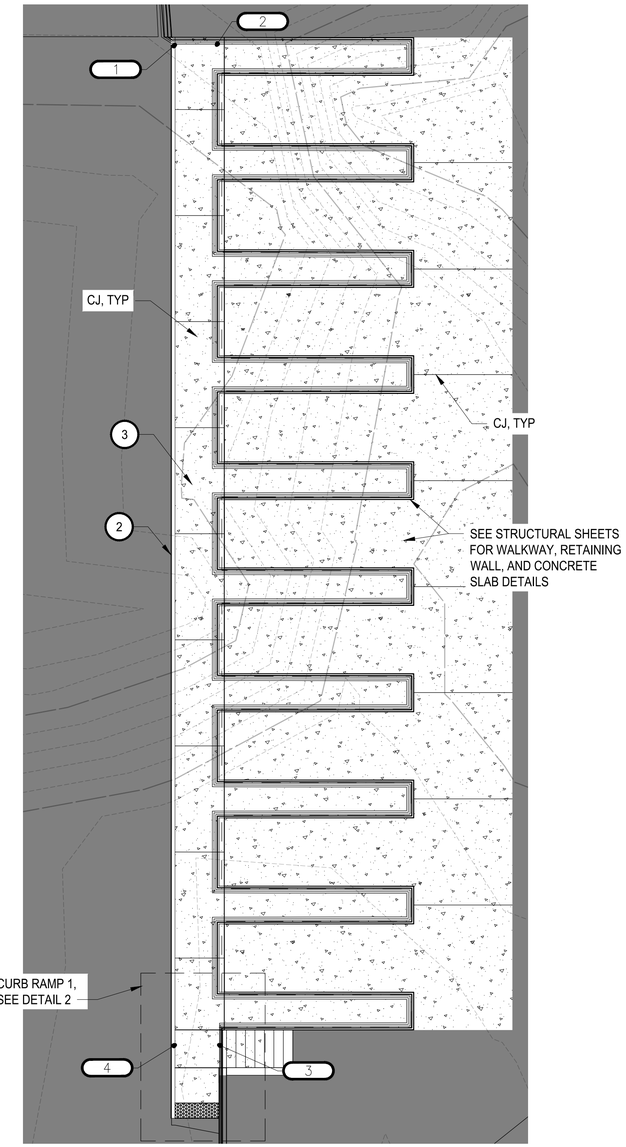
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

TYPICAL ROADWAY SECTIONS AND DETAILS

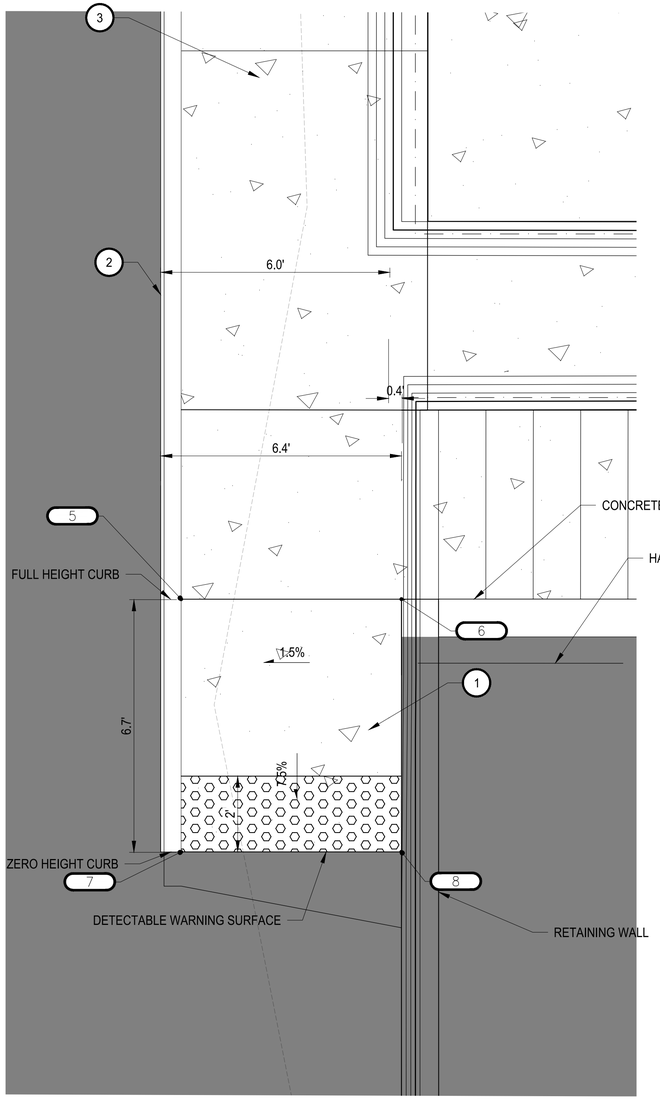
DRAWING NO. 27 OF 239
C20.07

PLOTTED BY: SmithNat DATE: Wednesday, July 2, 2025 6:25:52 AM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PWX
LAYOUT: C20.07



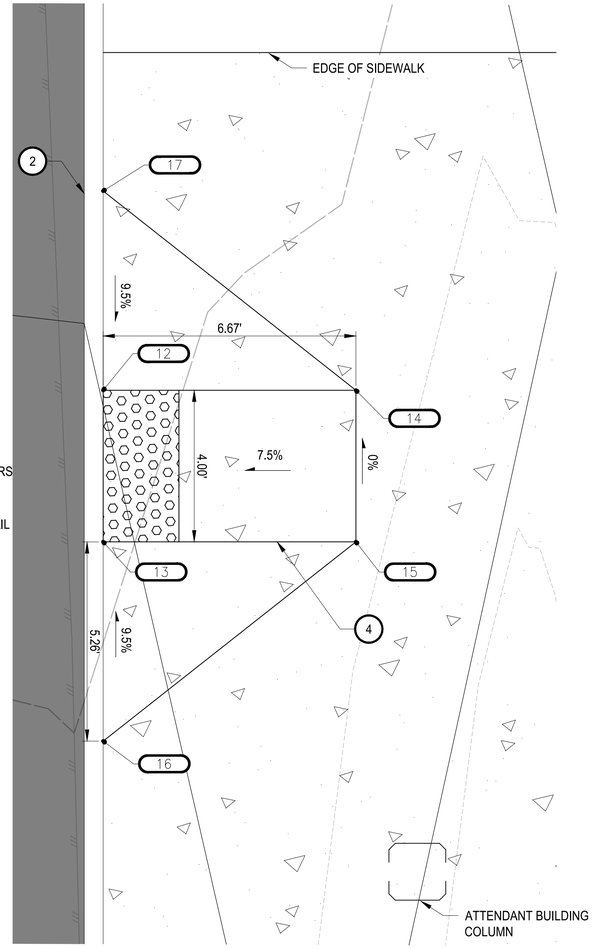
SIDEWALK
DETAIL 1
SCALE: 1"=10'

SIDEWALK				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	240510.20	1175147.32	418.418	TBC AP
2	240510.20	1175152.82	418.500	TBC AP
3	240378.22	1175153.13	418.500	TBC AP
4	240378.22	1175147.31	418.418	TBC AP



CURB RAMP 1
DETAIL 2
SCALE: 1"=2'

CURB RAMP 1				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
5	240373.22	1175147.31	418.412	TOR
6	240373.22	1175153.13	418.500	TOR
7	240366.55	1175147.31	417.911	BOR
8	240366.55	1175153.13	418.000	BOR



CURB RAMP 2
DETAIL 3
SCALE: 1"=2'

CURB RAMP 2				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
12	240503.03	1174999.85	424.000	BOR
13	240499.03	1174999.64	424.000	BOR
14	240502.68	1175006.51	424.500	TOR
15	240498.69	1175006.30	424.500	TOR
16	240493.78	1174999.36	424.500	TOC
17	240508.28	1175000.12	424.500	TOC

KEY NOTES

1. SINGLE DIRECTION CURB RAMP PER WSDOT STD PLAN F-40.16-03
2. CEMENT CONCRETE TRAFFIC CURB PER WSDOT STD PLAN F-10.12-04
3. 5.5' WIDE CEMENT CONCRETE SIDEWALK PER WSDOT STD PLAN F-30.10-04
4. PERPENDICULAR CURB RAMP PER WSDOT STD PLAN F-40.15-04

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C20.08
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21883 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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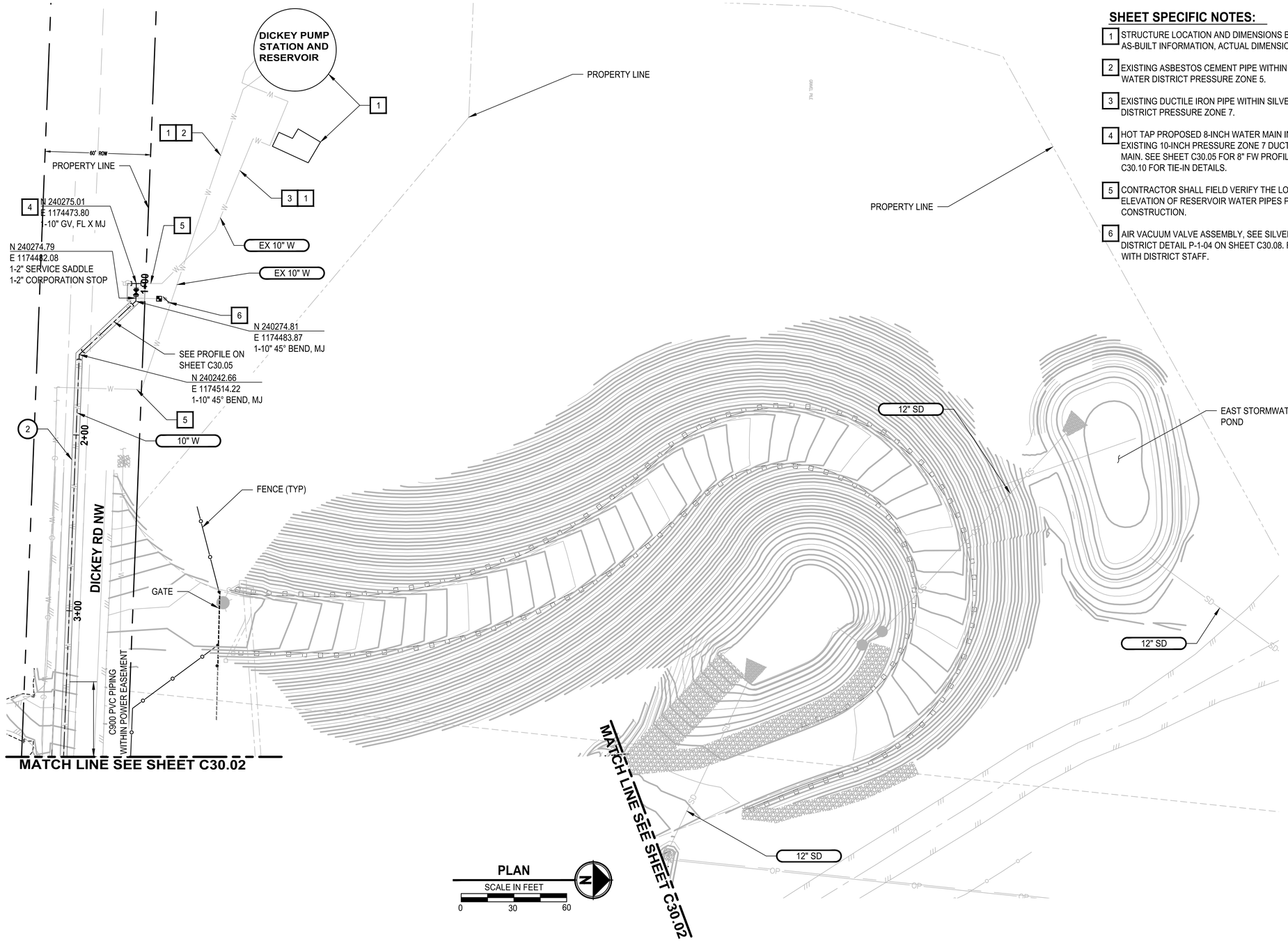
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SIDEWALK AND RAMP PAVING DETAILS

DRAWING NO.
28 OF 239
C20.08

PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
LAYOUT: C20.08 PLOTTED BY: SmithNat DATE: Monday, March 31, 2025 2:19:12 PM



SHEET SPECIFIC NOTES:

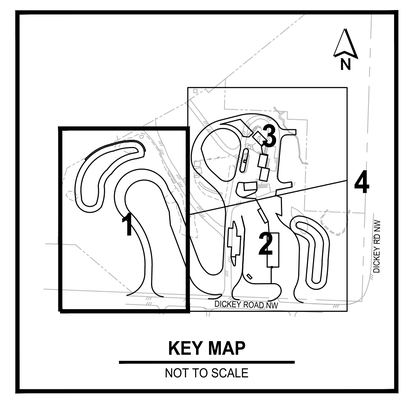
1. STRUCTURE LOCATION AND DIMENSIONS BASED ON AS-BUILT INFORMATION, ACTUAL DIMENSIONS MAY VARY.
2. EXISTING ASBESTOS CEMENT PIPE WITHIN SILVERDALE WATER DISTRICT PRESSURE ZONE 5.
3. EXISTING DUCTILE IRON PIPE WITHIN SILVERDALE WATER DISTRICT PRESSURE ZONE 7.
4. HOT TAP PROPOSED 8-INCH WATER MAIN INTO THE EXISTING 10-INCH PRESSURE ZONE 7 DUCTILE IRON WATER MAIN. SEE SHEET C30.05 FOR 8" FW PROFILE AND SHEET C30.10 FOR TIE-IN DETAILS.
5. CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF RESERVOIR WATER PIPES PRIOR TO CONSTRUCTION.
6. AIR VACUUM VALVE ASSEMBLY, SEE SILVERDALE WATER DISTRICT DETAIL P-1-04 ON SHEET C30.08. FIELD LOCATE WITH DISTRICT STAFF.

GENERAL NOTES:

1. STORM WATER IMPROVEMENTS ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER TRENCHING AND PIPE INSTALLATION SHALL FOLLOW KITSAP COUNTY SEWER STANDARDS. SEE SHEETS C30.08 THROUGH C30.10 FOR PIPING, TRENCHING, AND CONNECTION DETAILS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEETS C10.01 FOR ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.
6. ANY ITEMS DISTURBED DURING CONSTRUCTION INCLUDING SHRUBS AND LAWNS, SHALL BE RESTORED BY THE CONTRACTOR UPON COMPLETION OF WORK. GRASSED AREAS SHALL BE RESODDED OR SEEDED AND MULCHED AS PART OF WORK PER THE CONTRACT DOCUMENTS.
7. 10", 8", AND 6" WATER MAINS ARE PUBLIC (SWD). WATER LINES BEHINF METER ARE PRIVATE. SWD DOES NOT MAINTAIN, SPECIFY, REVIEW, OR APPROVE THESE LINES.
8. MAINTAIN 42" MINIMUM COVER OVER WATER PIPE GRADE UNLESS OTHERWISE NOTED IN THESE PLANS.

CONSTRUCTION NOTES:

1. FIRE HYDRANT, SEE SILVERDALE WATER DISTRICT FIRE HYDRANT ASSEMBLY DETAIL P-1-02 ON SHEET C30.08.
2. FOR WATER MAIN INSTALLATION, TRENCHING AND BACKFILL, AND TRENCH RESTORATION DETAILS, SEE SILVERDALE WATER DISTRICT STANDARD DETAIL P-2-11, KITSAP COUNTY STANDARD DETAIL PD-1, AND DETAIL B RESPECTIVELY ON SHEET C30.10.
3. MAINTAIN 5 FEET MIN. SEPARATION DISTANCE BETWEEN PUBLIC AND PRIVATE WATER UTILITIES. KEEP IN SEPARATE TRENCHES TO ALLOW FOR FUTURE MAINTENANCE OF EITHER.



KEY MAP
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C30.01
JOB No. 553-1578-155
DATE AUGUST 2025

PAUL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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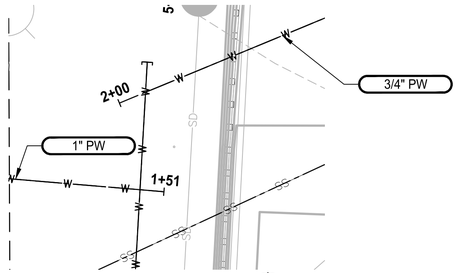
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

UTILITY PLAN - 1

DRAWING NO.
29 OF 239
C30.01

PLOTTED BY: SmithNat DATE: Wednesday, August 6, 2025 10:24:09 AM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CAD0\DWG\C - PMX
LAYOUT: C30.01



MATCH LINE SEE SHEET C30.03

MATCH LINE SEE SHEET C30.04

MATCH LINE SEE SHEET C30.01

N 240588.08
E 1174994.70
1-8" 45° BEND, MJ

N 240577.16
E 1174983.77
1-8" 45° BEND, MJ

N 240522.66
E 1174983.29
1-2" 22.5° BEND, MJ

N 240521.35
E 1174980.15
1-8" X 6" TEE, FL
1-6" GV, FL X MJ

SEE SHEET C30.06
1" POTABLE WATER

8" FW

N 240381.18
E 1175023.48
1-2" 45° BEND, MJ

FUTURE SCALE
LOCATION (APPROXIMATE)

2" NPW

SEE SHEET C30.06
2" NON POTABLE
WATER PROFILE

SEE SHEET C30.06
8" FIRE WATER PROFILE

N 240349.93
E 1174980.55
1-2" 45° BEND, MJ

N 240348.48
E 1174977.47
1-8" 45° BEND, MJ

N 240318.59
E 1175006.11
1-8" 45° BEND, MJ

N 240268.84
E 1175004.25
1-8" X 6" TEE, FL
1-6" GV FL X MJ

12" SD

C900 PVC PIPING
WITHIN POWER EASEMENT

10" W

EX WATER METER
- TO BE REMOVED

6" FW

N 240223.52
E 1175002.07
1-10"x8" TEE, MJxFL
1-10" GV, FLxMJ
1-10" PLUG
1-TB, TIE-BACK BLOCKING

SEE SHEET C30.07
LHHW BUILDING
PROFILE

SEE SHEET C30.06
1-1/4" POTABLE
WATER PROFILE

1-1/4" PW

LHHW

SEE SHEET C30.07
ATTENDANT
BUILDING PROFILE

6" SS
175 LF, S=0.1144 FT/FT

SEE PARTIAL PLAN
FOR PIPE ROUTING
ON THIS SHEET

ATTENDANT BUILDING

2" PW

RETAINING WALL

N 240385.58
E 1175028.42
1-2" 45° BEND, MJ

N 240316.24
E 1175014.24
1-2" 45° BEND, MJ

12" SD

WHITE GOODS
AREA

N 240320.47
E 1175022.91
1-2" 45° BEND, MJ

N 240312.99
E 1175015.49
1-2" 45° BEND, MJ

N 240288.06
E 1175014.22
1-2" 90° BEND, MJ

N 240256.15
E 1175016.12
1-2" 90° BEND, MJ

FENCE (TYP)

GATE (TYP)

EAST STORMWATER
POND

RETAINING WALL

6" SS
27 LF, S=0.2752 FT/FT

12" SD

12" SD

DICKEY RD NW

60' ROW

EDGE OF RIGHT-OF-WAY

PLAN
SCALE IN FEET
0
30
60
N

GENERAL NOTES:

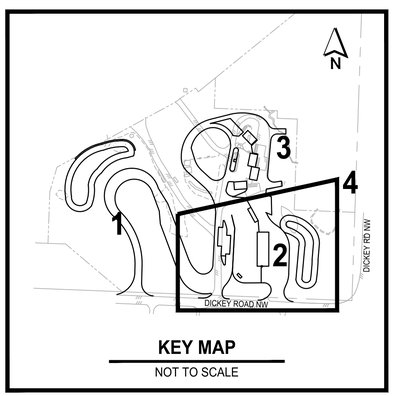
1. STORM WATER IMPROVEMENTS ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER TRENCHING AND PIPE INSTALLATION SHALL FOLLOW KITSAP COUNTY SEWER STANDARDS. SEE SHEETS C30.08 THROUGH C30.10 FOR PIPING, TRENCHING, AND CONNECTION DETAILS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEETS C10.01 FOR ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.
6. ANY ITEMS DISTURBED DURING CONSTRUCTION INCLUDING SHRUBS AND LAWNS, SHALL BE RESTORED BY THE CONTRACTOR UPON COMPLETION OF WORK. GRASSED AREAS SHALL BE RESODDED OR SEEDED AND MULCHED AS PART OF WORK PER THE CONTRACT DOCUMENTS.
7. 10", 8", AND 6" WATER MAINS ARE PUBLIC (SWD). WATER LINES BEHINF METER ARE PRIVATE. SWD DOES NOT MAINTAIN, SPECIFY, REVIEW, OR APPROVE THESE LINES.
8. MAINTAIN 42" MINIMUM COVER OVER WATER PIPE GRADE UNLESS OTHERWISE NOTED IN THESE PLANS.

SHEET SPECIFIC NOTES:

1. RECYCLING AREA.
2. HEATED RPZ BACKFLOW PREVENTER ENCLOSURE, SEE RPZ BACKFLOW PREVENTER DETAIL ON SHEET C30.08.
3. INSTALL NEW 2" WATER METER, SEE SHEET C30.08 FOR SILVERDALE WATER DISTRICT STANDARD DETAIL P-2-10.
4. GREASE INTERCEPTOR, SEE DETAIL ON SHEET C30.09.
5. INSTALL TIE BACK BLOCKING, SEE SILVERDALE WATER DISTRICT STANDARD DETAIL P-1-05 ON SHEET C30.08.
6. COMMERCIAL SIDE SEWERS SHALL BE 6" DIAMETER. SIDE SEWERS ONLY SHOWN UP TO 5' OFFSET FROM SHED STRUCTURE. 6" CLEANOUT TO GRADE TO BE INSTALLED WITHIN 5' OF THE SHED STRUCTURE PER KITSAP DETAILS PD-12 AND PD-9. SEE PLUMBING SHEETS FOR UTILITIES WITHIN 5' OFFSET

CONSTRUCTION NOTES:

1. FIRE HYDRANT, SEE SILVERDALE WATER DISTRICT FIRE HYDRANT ASSEMBLY DETAIL P-1-02 ON SHEET C30.08.
2. FOR WATER MAIN INSTALLATION, TRENCHING AND BACKFILL, AND TRENCH RESTORATION DETAILS, SEE SILVERDALE WATER DISTRICT STANDARD DETAIL P-2-11, KITSAP COUNTY STANDARD DETAIL PD-1, AND DETAIL B RESPECTIVELY ON SHEET C30.10.
3. MAINTAIN 5 FEET MIN. SEPARATION DISTANCE BETWEEN PUBLIC AND PRIVATE WATER UTILITIES. KEEP IN SEPARATE TRENCHES TO ALLOW FOR FUTURE MAINTENANCE OF EITHER.



KEY MAP
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C30.01
JOB No. 553-1578-155
DATE AUGUST 2025

EARL R. HUFFAKER, STATE OF WASHINGTON, 21835, REGISTERED PROFESSIONAL ENGINEER
8/7/25

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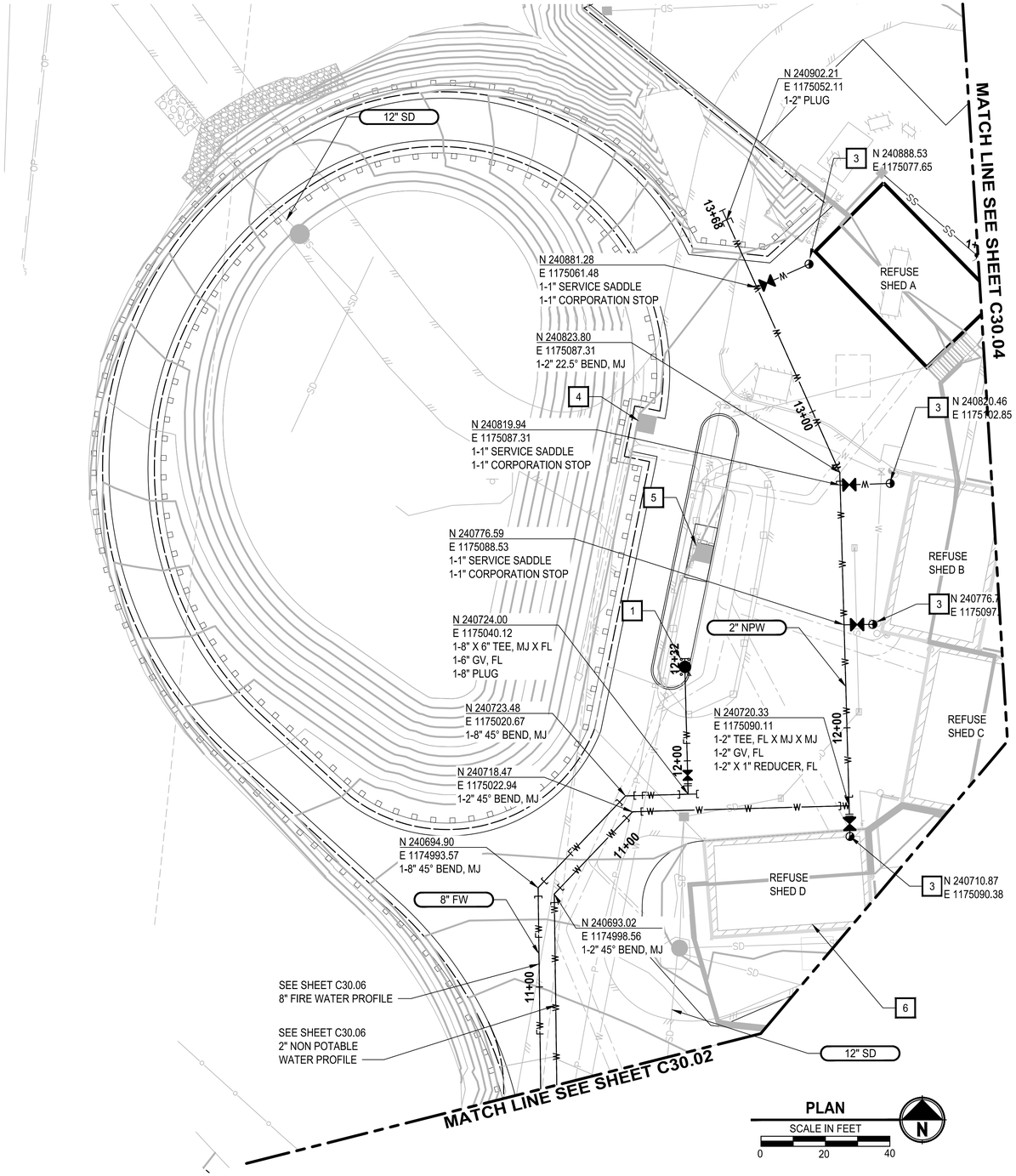
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

UTILITY PLAN - 2

DRAWING NO. 30 OF 239
C30.02

PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
LAYOUT: C30.02 PLOTTED BY: SmithNat DATE: Wednesday, August 6, 2025 10:25:06 AM



GENERAL NOTES:

1. STORM WATER IMPROVEMENTS ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER TRENCHING AND PIPE INSTALLATION SHALL FOLLOW KITSAP COUNTY SEWER STANDARDS. SEE SHEETS C30.08 THROUGH C30.10 FOR PIPING, TRENCHING, AND CONNECTION DETAILS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEETS C10.01 FOR ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.
6. ANY ITEMS DISTURBED DURING CONSTRUCTION INCLUDING SHRUBS AND LAWNS, SHALL BE RESTORED BY THE CONTRACTOR UPON COMPLETION OF WORK. GRASSED AREAS SHALL BE RESODDED OR SEEDED AND MULCHED AS PART OF WORK PER THE CONTRACT DOCUMENTS.
7. 10", 8", AND 6" WATER MAINS ARE PUBLIC (SWD). WATER LINES BEHINF METER ARE PRIVATE. SWD DOES NOT MAINTAIN, SPECIFY, REVIEW, OR APPROVE THESE LINES.
8. MAINTAIN 42" MINIMUM COVER OVER WATER PIPE GRADE UNLESS OTHERWISE NOTED IN THESE PLANS.

CONSTRUCTION NOTES:

(1) FIRE HYDRANT, SEE SILVERDALE WATER DISTRICT FIRE HYDRANT ASSEMBLY DETAIL P-1-02 ON SHEET C30.08.

(2) FOR WATER MAIN INSTALLATION, TRENCHING AND BACKFILL, AND TRENCH RESTORATION DETAILS, SEE SILVERDALE WATER DISTRICT STANDARD DETAIL P-2-11, KITSAP COUNTY STANDARD DETAIL PD-1, AND DETAIL B RESPECTIVELY ON SHEET C30.10.

(3) MAINTAIN 5 FEET MIN. SEPARATION DISTANCE BETWEEN PUBLIC AND PRIVATE WATER UTILITIES. KEEP IN SEPARATE TRENCHES TO ALLOW FOR FUTURE MAINTENANCE OF EITHER.

SHEET SPECIFIC NOTES:

[1] FIRE HYDRANT GUARD POST. SEE DETAIL ON SHEET C30.08 (TYP).

[2] CONNECT LATERAL TO SEWER MAIN PER KITSAP COUNTY STANDARD DETAILS PD-7 AND PD-9 ON SHEET C30.10.

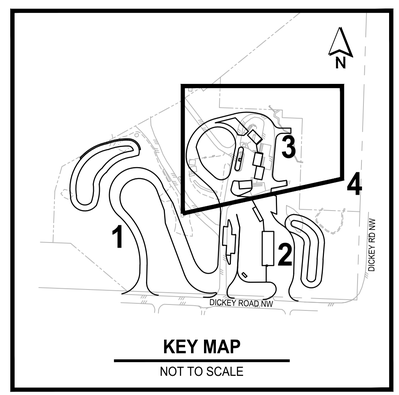
[3] FROST PROOF YARD HYDRANT WITH 3/4" CONNECTION TO NEW 2" NON-POTABLE WATER LINE (TYP). SEE FROST-PROOF YARD HYDRANT DETAIL ON SHEET C30.08.

[4] EXISTING PORTABLE RESTROOM.

[5] OPERATOR WARMING STATION.

[6] EXISTING MAINTENANCE SHED.

[7] COMMERCIAL SIDE SEWERS SHALL BE 6" DIAMETER. SIDE SEWERS ONLY SHOWN UP TO 5' OFFSET FROM SHED STRUCTURE. 6" CLEANOUT TO GRADE TO BE INSTALLED WITHIN 5' OF THE SHED STRUCTURE PER KITSAP DETAILS PD-12 AND PD-9. SEE PLUMBING SHEETS FOR UTILITIES WITHIN 5' OFFSET.



KEY MAP
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C30.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

KITSAP COUNTY DEPT. OF PUBLIC WORKS
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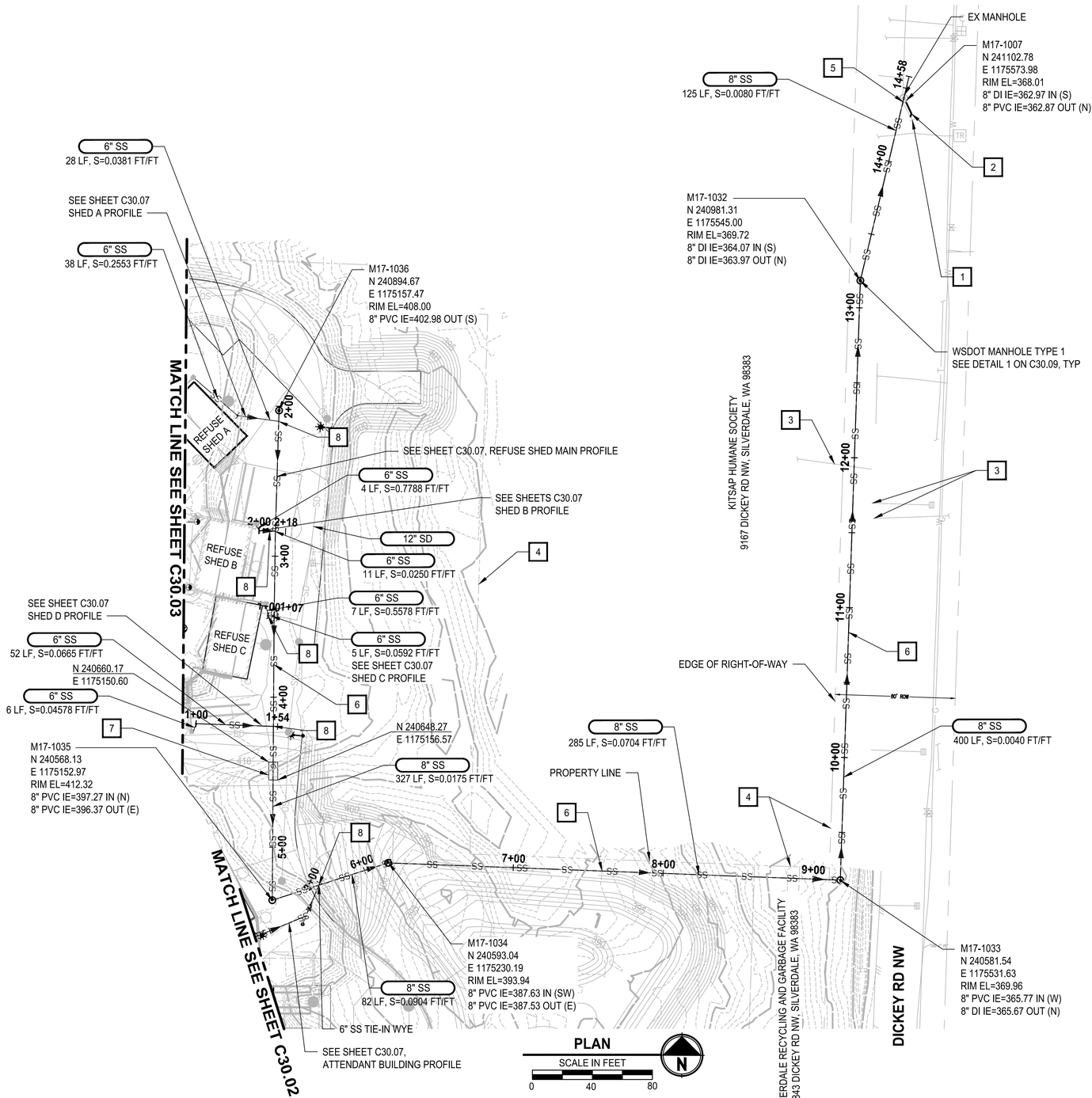
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

UTILITY PLAN - 3

DRAWING NO.
31 OF 239
C30.03

PATH: C:\Users\SmithNot\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNot DATE: Wednesday, July 2, 2025 8:14:00 AM
LAYOUT: C30.03

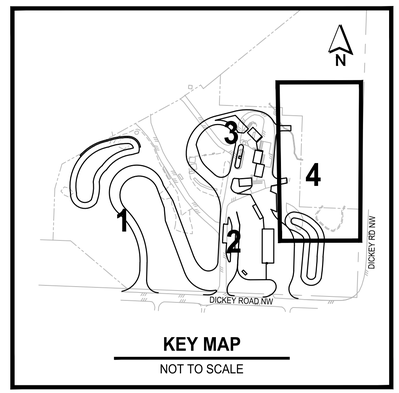


GENERAL NOTES:

1. STORM WATER FEATURES ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER PIPING SHALL BE INSTALLED ACCORDING TO KITSAP COUNTY SEWER STANDARDS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEET C10.01 FOR REMOVAL AND ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.
6. MAINTAIN 42" MINIMUM COVER OVER WATER PIPE GRADE UNLESS OTHERWISE NOTED IN THESE PLANS.

SHEET SPECIFIC NOTES

1. APPROXIMATE LOCATION OF EXISTING SILVERDALE ELEMENTARY SCHOOL 3" SANITARY SEWER FORCE MAIN. CONTRACTOR TO FIELD VERIFY LOCATION PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL REROUTE 3" SANITARY SEWER FORCE MAIN AS SHOWN. CONTRACTOR TO RECONNECT FORCE MAIN DISCHARGE TO EXMH #1. AS NEEDED PER DETAIL MV-6 ON SHEET C30.09 CONTRACTOR SHALL COORDINATE WITH SILVERDALE ELEMENTARY SCHOOL FOR ANY SHUTDOWNS OR DISRUPTION OF SERVICE.
3. CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF STORM DRAIN PIPES PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO BE WITHIN THE SILVERDALE RECYCLING AND GARBAGE FACILITY PROPERTY OR THE KITSAP COUNTY PUBLIC RIGHT OF WAY. CONTRACTOR SHALL COORDINATE WITH KITSAP HUMANE SOCIETY IF ACCESS TO THEIR PROPERTY IS REQUIRED.
5. NEW CONNECTIONS TO THE EXISTING MANHOLE SHOULD BE CORE DRILLED AND RUBBER BOOTED. USE KOR-N-SEAL OR ENGINEER APPROVED EQUAL.
6. SEE SHEET C30.07, REFUSE SHED MAIN PROFILE
7. GREASE INTERCEPTOR SEE DETAIL ON SHEET C30.09
8. CONNECT LATERAL TO SEWER MAIN PER KITSAP COUNTY STANDARD DETAILS PD-7 AND PD-9 ON SHEET C30.10.



KEY MAP
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–C30.02
JOB No. 553-1578-155
DATE AUGUST 2025

EARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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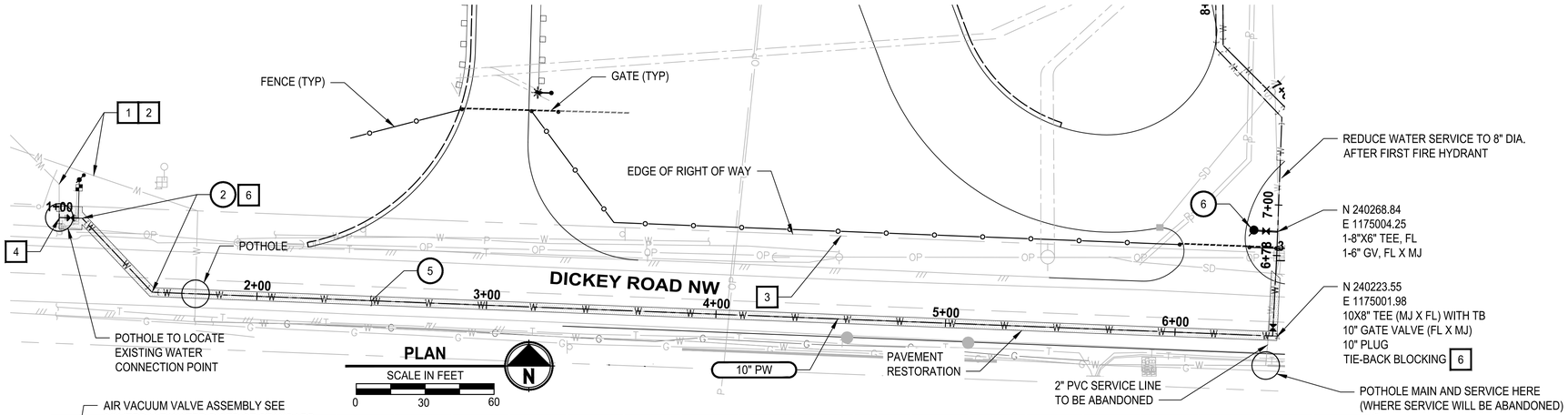
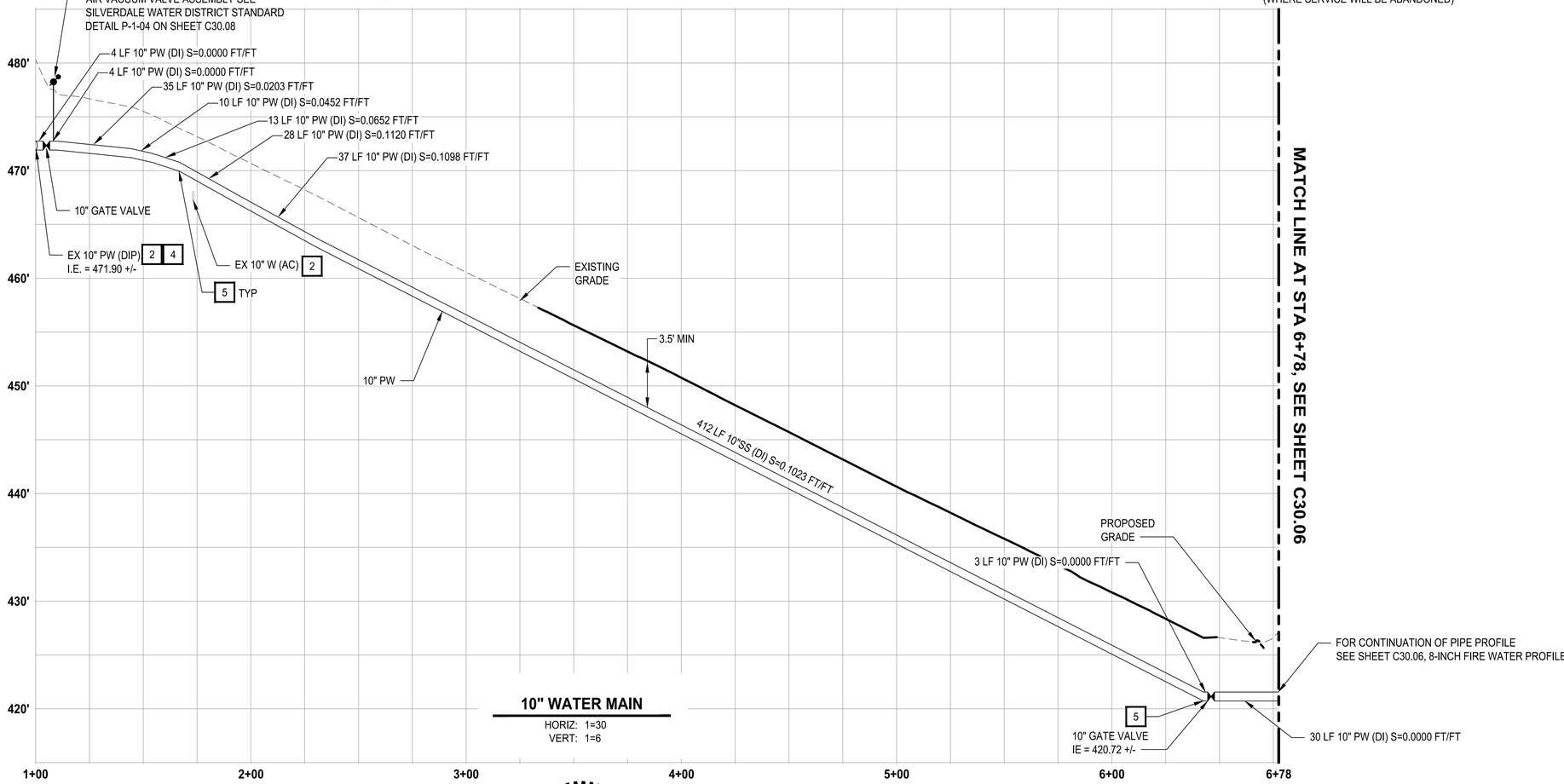
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OVERALL SANITARY SEWER SYSTEM PLAN

DRAWING NO.
32 OF 239
C30.04

LAYOUT: C30.04 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: SmithNat DATE: Wednesday, August 6, 2025 10:26:19 AM





10" WATER MAIN

HORIZ: 1=30
VERT: 1=6

GENERAL NOTES:

1. STORM WATER FEATURES ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER PIPING SHALL BE INSTALLED ACCORDING TO KITSAP COUNTY SEWER STANDARDS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEET C10.01 FOR REMOVAL AND ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.
6. MAINTAIN 42" MINIMUM COVER OVER WATER PIPE GRADE UNLESS OTHERWISE NOTED IN THESE PLANS.

CONSTRUCTION NOTES:

1. INSTALL 90° PIPE BEND.
2. INSTALL 45° PIPE BEND.
3. INSTALL 22.5° PIPE BEND.
4. INSTALL 11.25° PIPE BEND.
5. FOR TRENCHING AND BACKFILL DETAILS SEE SHEET C30.10.
6. FIRE HYDRANT. SEE SILVERDALE WATER DISTRICT FIRE HYDRANT ASSEMBLY DETAIL P-1-02 ON SHEET C30.08.

SHEET SPECIFIC NOTES:

1. STRUCTURE LOCATION AND DIMENSIONS BASED ON AS-BUILT DRAWINGS. ACTUAL DIMENSIONS MAY VARY.
2. CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF RESERVOIR WATER PIPES PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO BE WITHIN THE SILVERDALE RECYCLING AND GARBAGE FACILITY PROPERTY OR THE KITSAP COUNTY PUBLIC RIGHT OF WAY.
4. HOT TAP PROPOSED 10-INCH WATER MAIN INTO THE EXISTING 10-INCH PRESSURE ZONE 7 DUCTILE IRON WATER MAIN. SEE SHEET C30.10 FOR TIE-IN DETAILS.
5. WHERE PIPE DEFLECTIONS LESS THAN 11.25 DEGREES ARE SHOWN, CONTRACTOR SHALL DEFLECT JOINTS A MAXIMUM OF 2.5 DEGREES PER JOINT TO ACHIEVE THE DESIRED ALIGNMENT. DO NOT DEFLECT THE PIPE TO VALVE JOINT.
6. INSTALL TIE-BACK BLOCKING, SEE SILVERDALE WATER DISTRICT STANDARD DETAIL P-1-05 ON SHEET C30.08.

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C30.02
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

KITSAP COUNTY DEPT. OF PUBLIC WORKS
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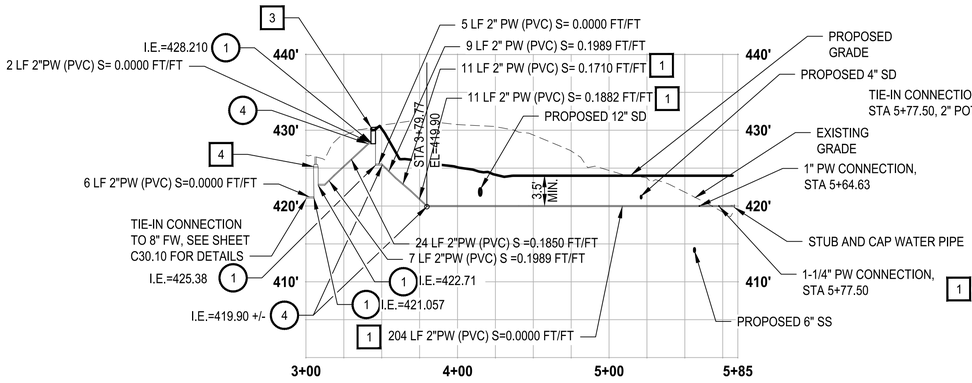
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

RESERVOIR CONNECTION PLAN AND PROFILE

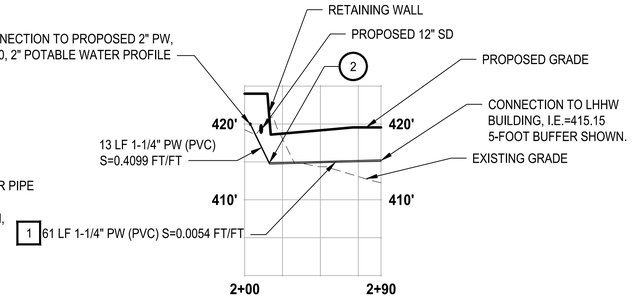
DRAWING NO. 33 OF 239
C30.05

LAYOUT: C30.05 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:49:58 PM



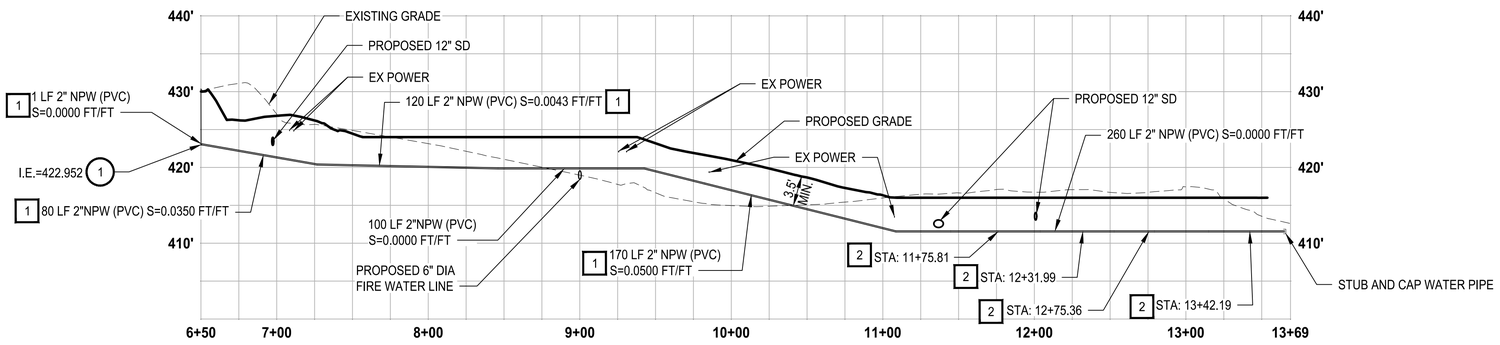
2" POTABLE WATER

HORIZ: 1"=50'
VERT: 1"=10'



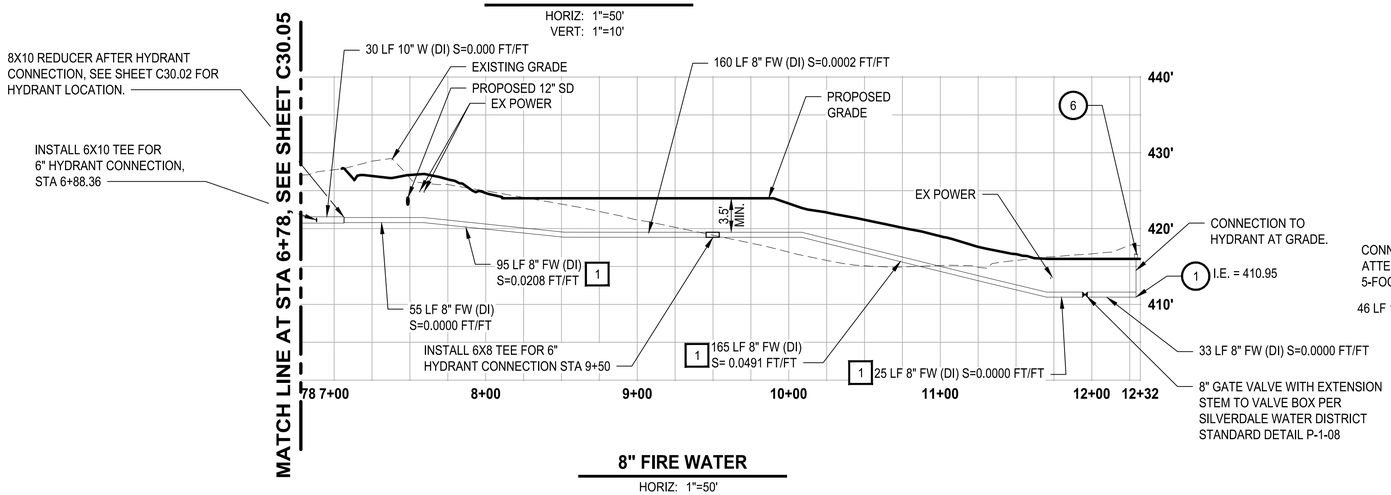
1-1/4" POTABLE WATER

HORIZ: 1"=50'
VERT: 1"=10'



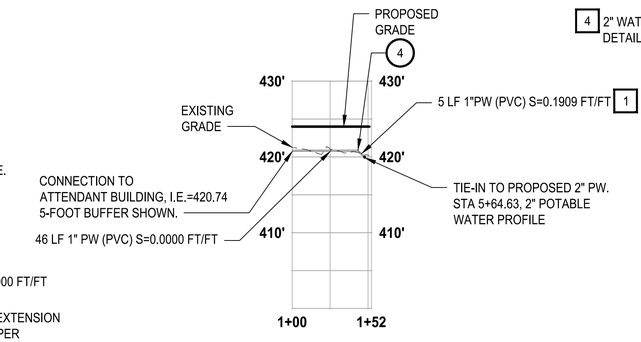
2" NON POTABLE WATER

HORIZ: 1"=50'
VERT: 1"=10'



8" FIRE WATER

HORIZ: 1"=50'
VERT: 1"=10'



1" POTABLE WATER

HORIZ: 1"=50'
VERT: 1"=10'

GENERAL NOTES:

1. STORM WATER FEATURES ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER PIPING SHALL BE INSTALLED ACCORDING TO KITSAP COUNTY SEWER STANDARDS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEET C10.01 FOR REMOVAL AND ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.
6. MAINTAIN 42" MINIMUM COVER OVER WATER PIPE GRADE UNLESS OTHERWISE NOTED IN THESE PLANS.

CONSTRUCTION NOTES:

1. INSTALL 90° PIPE BEND.
2. INSTALL 45° PIPE BEND.
3. INSTALL 22.5° PIPE BEND.
4. INSTALL 11.25° PIPE BEND.
5. FOR TRENCHING AND BACKFILL DETAILS SEE SHEET C30.10.
6. FIRE HYDRANT. SEE SILVERDALE WATER DISTRICT FIRE HYDRANT ASSEMBLY DETAIL P-1-02 ON SHEET C30.08.

SHEET SPECIFIC NOTES

1 WHERE PIPE DEFLECTIONS OF LESS THAN 11.25 DEGREES ARE SHOWN, CONTRACTOR SHALL DEFLECT JOINTS A MAXIMUM OF 2.5 DEGREEES PER JOINT TO ACHIEVE THE DESIRED ALIGNMENT. DO NOT DEFLECT PIPE TO VALVE JOINT.

2 PROPOSED 1" SADDLE CONNECTION WITH 1" CORPORATION STOP FOR CONNECTION TO YARD HYDRANT. SEE SHEET 30.03 FOR CONNECTION LOCATION.

3 HEATED RPZ BACKFLOW PREVENTER ENCLOSURE, TOP OF SLAB = 430.81. SEE DETAIL 1 ON SHEET C30.08.

4 2" WATER METER, SEE SILVERDALE WATER DISTRICT DETAIL P-2-10 ON SHEET C30.08.

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C30.02
JOB No. 553-1578-155
DATE AUGUST 2025

ERIC R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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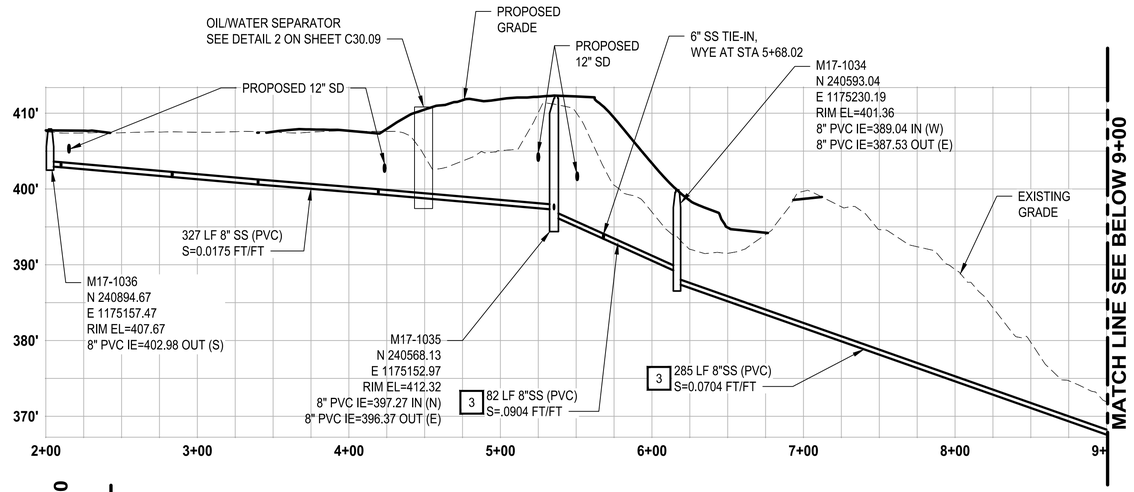
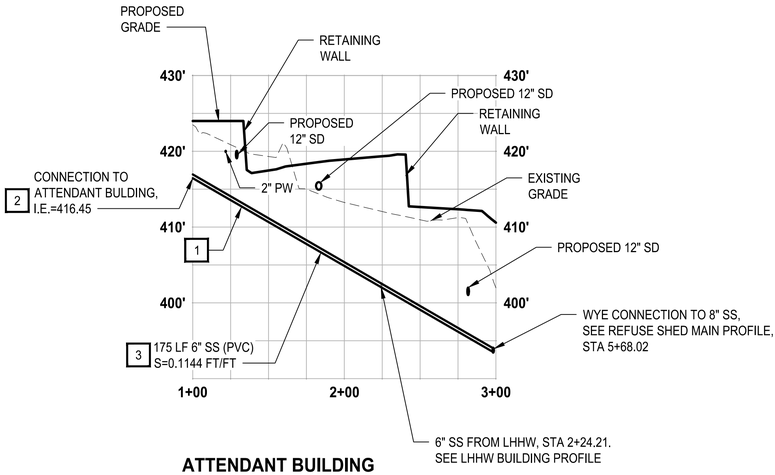
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

WATER SYSTEM PROFILES

DRAWING NO. 34 OF 239
C30.06

LAYOUT: C30.06 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Wednesday, July 2, 2025 8:07:41 AM



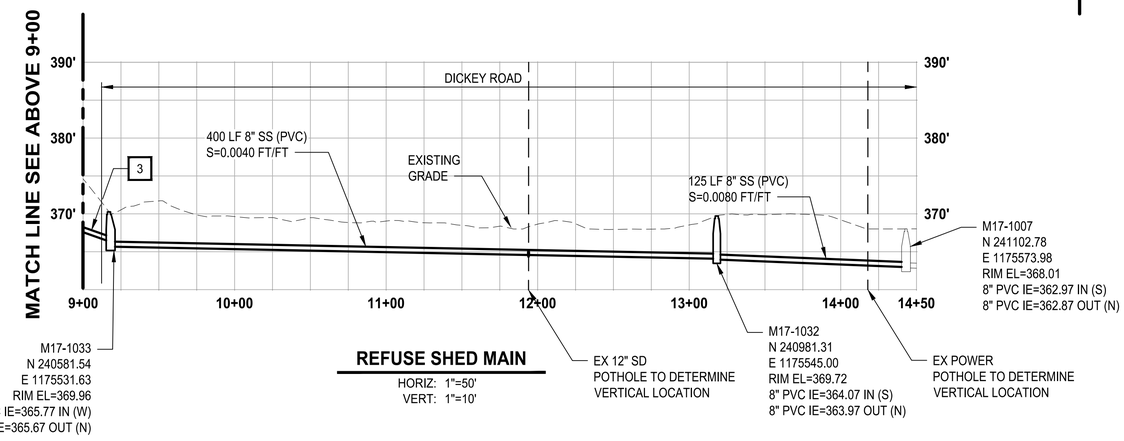


GENERAL NOTES:

1. STORM WATER FEATURES ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER PIPING SHALL BE INSTALLED ACCORDING TO KITSAP COUNTY SEWER STANDARDS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEET C10.01 FOR REMOVAL AND ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.
6. MAINTAIN 42" MINIMUM COVER OVER WATER PIPE GRADE UNLESS OTHERWISE NOTED IN THESE PLANS.

SHEET SPECIFIC NOTES:

1. CONTRACTOR TO PROVIDE DUCTILE IRON FLEXIBLE JOINT CONNECTIONS PER CONTRACT SPECIFICATIONS ON THE UPSTREAM SIDE OF THE RETAINING WALL PIPE CROSSING.
2. 5-FOOT BUFFER IS SHOWN FOR UTILITY CONNECTIONS TO BUILDINGS, SEE MECHANICAL SHEETS FOR PLUMBING DETAILS.
3. PROVIDE CHECK DAMS AND STATION EVERY 100' FOR PIPE SLOPES OF 6% OR GREATER, SEE SILVERDALE WATER DISTRICT DETAIL PD-3 ON SHEET C30.09.



REFUSE SHED MAIN

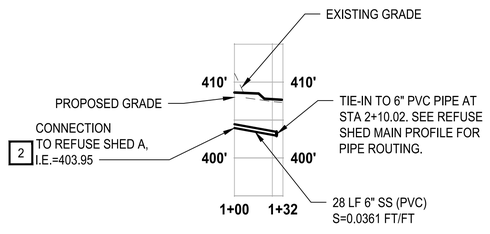
HORIZ: 1"=50'
VERT: 1"=10'

ATTENDANT BUILDING

HORIZ: 1"=50'
VERT: 1"=10'

LHHW BUILDING

HORIZ: 1"=50'
VERT: 1"=10'



SHED A

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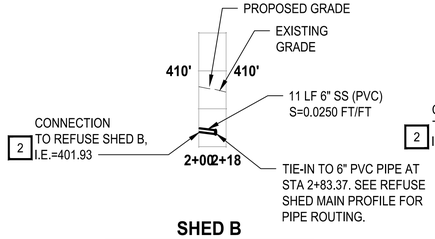
VERT: 1"=10'



SHED B

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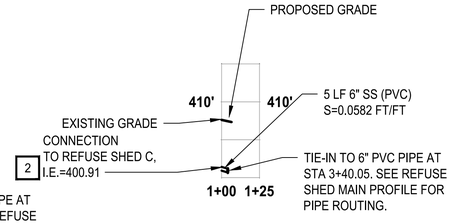

SHED C

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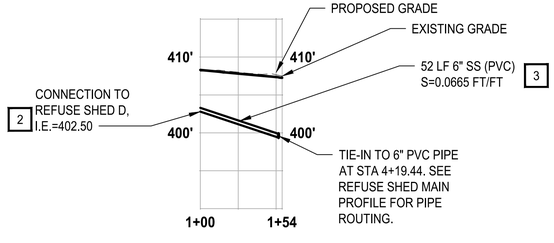

SHED D

HORIZ: 1"=50'
VERT: 1"=10'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C30.02
JOB No. 553-1578-155
DATE AUGUST 2025

EARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

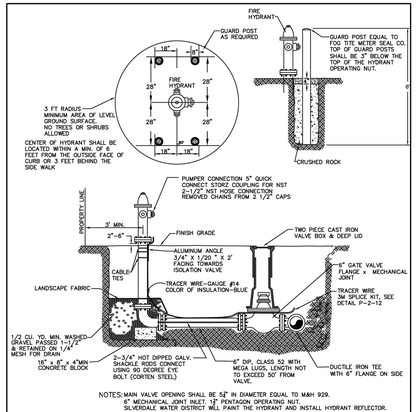
SANITARY SEWER SYSTEM PROFILES

DRAWING NO. 35 OF 239
C30.07

LAYOUT: C30.07 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PWX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:51:25 PM

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH SILVERDALE WATER DISTRICT OF KITSAP COUNTY, "CONDITIONS AND STANDARDS FOR CONSTRUCTING IMPROVEMENTS TO THE WATER SYSTEM", THE LATEST REVISIONS OF AWWA STANDARD SPECIFICATION, AND THE LATEST REVISION OF STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION BY WASHINGTON STATE D.O.T. AND WASHINGTON STATE CHAPTER, A.P.W.A.
2. THE CONTRACTOR SHALL COMPLY WITH ALL THE REQUIREMENTS OF STATE AND LOCAL HEALTH AUTHORITIES.
3. THE ROAD AND STRUCTURE LOCATIONS SHOWN ARE APPROXIMATE AND INTENDED TO SHOW THE RELATIVE LOCATION OF THE PROPOSED WATER SYSTEM ONLY.
4. ALL LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION TO AVOID DAMAGE OR DISTURBANCE.
5. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE RESTRAINED JOINT CEMENT LINED, STANDARD THICKNESS CLASS 52.
6. THE MINIMUM COVER FOR WATER MAINS SHALL BE 42" AND SHALL BE MAINTAINED AT ALL POINTS. THE MINIMUM COVER FOR MAINS 12" AND LARGER SHALL BE 54".
7. INSTALLATION OF WATER MAINS AND SERVICE LINES SHALL INCLUDE LOCATOR WIRE BURIED ALONG THE ENTIRE LENGTH OF THE PIPE. LOCATOR WIRE SHALL BE 14 GAUGE SOLID CORE. LOCATOR WIRE TO BE RUN TO 12" ABOVE GROUND AT EACH METER, BLOW OFF, HYDRANT, AND AIR/VACUUM VALVE. ALL SPLICES IN THE LOCATOR WIRE SHALL BE MADE USING A 3M DIRECT BURY SPLICE KIT, MODEL DBY. THE KIT SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. THE WIRES SHALL BE TIED IN A KNOT 6" TO 8" FROM THE SPLICE.
8. ALL FIRE HYDRANTS SHALL INCLUDE AN APPROVED 5" STORZ ADAPTER ON THE PUMPER PORT.
9. GATE VALVES SHALL BE RESILIENT-SEATED GATE VALVES CONFORMING TO AWWA C-509.ALL EXISTING VALVES SHALL BE PRESSURE TESTED BY THE CONTRACTOR PRIOR TO CONNECTION.
10. ALL CUTTING, TAPPING, REMOVAL AND DISPOSAL OF ASBESTOS CEMENT PIPE SHALL BE IN CONFORMANCE WITH THE CURRENT POLICIES AND PROCEDURES OF THE KITSAP COUNTY HEALTH DEPARTMENT, THE PUGET SOUND AIR POLLUTION CONTROL AGENCY AND OTHER PUBLIC OFFICES WITH JURISDICTION IN THIS MATTER. AT THIS TIME THE POLICY IS THAT:
    - PIPE SHALL BE "SNAPPED OFF" RATHER THAN BEING CUT WITH ABRASIVE SAW.
    - ABANDONED PIPE SHALL BE LEFT IN THE TRENCH OR DISPOSED OF IN AN APPROVED METHOD.
11. ABANDONED WATER MAINS SHALL BE LEFT IN THE GROUND UNLESS THEY MUST BE REMOVED BECAUSE OF CONFLICT. THE ENDS SHALL BE PLUGGED WITH CONCRETE.
12. ABANDONED VALVES SHALL HAVE THE OPERATOR NUT CUT OFF AND THE VALVE BOX REMOVED.

General Notes — 2023 P-1-01 — REV : 2023

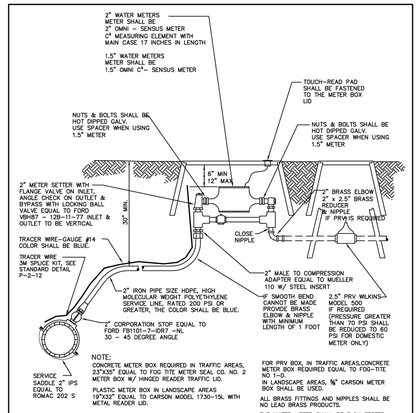


NOTES: MAIN VALVE OPENING SHALL BE 5/8" IN DIAMETER EQUAL TO M&H 929. 6" MECHANICAL JOINT INLET, 12" PENTAGON OPERATING NUT. SILVERDALE WATER DISTRICT WILL PAINT THE HYDRANT AND INSTALL HYDRANT REFLECTOR.

TRACER WIRE TO BE PROTECTED WITH ANGLE ALUMINUM (3/4" X 1/20" X 2' LONG) STRAP TO THE HYDRANT BURY WITH CABLE TIES (36" LENGTH, 175 LB TENSILE, COLOR BLACK, MANUFACTURED BY 3M). LOCATION SHALL BE BELOW THE LOWER FLANGE OF THE HYDRANT BELOW THE PUMPER PORT. TRACER WIRE SHALL HAVE 6" SLACK FOR CONNECTING TO LOCATING DEVICE.

IF THE PIPE BETWEEN THE VALVE AND THE HYDRANT IS MORE ONE FULL STICK OF DUCTILE IRON PIPE, THEN A TIE BACK AND THRUST BLOCK SHALL BE INSTALLED AND FIELD-LOK GASKETS & MEGA LUGS SHALL BE USED.

Fire Hydrant Assembly — 2023 P-1-02 — REV : 2023



NOTE:
CONCRETE METER BOX REQUIRED IN TRAFFIC AREAS, 23"X35" EQUAL TO FOG TITE METER SEAL CO. NO. 2 METER BOX W/ HINGED READER TRAFFIC LID.

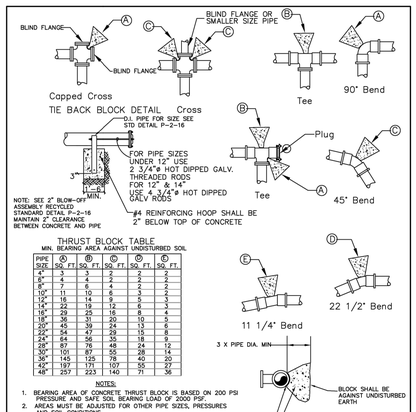
PLASTIC METER BOX IN LANDSCAPE AREAS 18"X32" EQUAL TO CARSON MODEL 1730-15L WITH METAL READER LID.

FOR PRV BOX, IN TRAFFIC AREAS,CONCRETE METER BOX REQUIRED EQUAL TO FOG-TITE NO 1-0. IN LANDSCAPE AREAS, ⅝" CARSON METER BOX SHALL BE USED.

ALL BRASS FITTINGS AND NIPPLES SHALL BE NO LEAD BRASS PRODUCTS.

THE WATER METER SHALL BE FLOW TESTED PRIOR TO CONNECTION TO THE BUILDING OR IRRIGATION SYSTEM.

Water Service for 1.5" & 2" Meters — 2023 P-2-10 — REV : 2023



THRUST BLOCK TABLE
MIN. BEARING AREA AGAINST UNDISTURBED SOIL

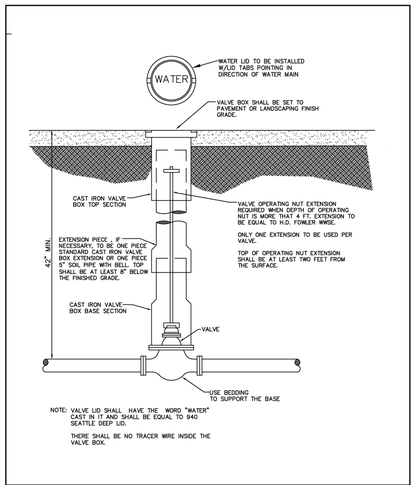
PIPE SIZE	A SQ. FT	B SQ. FT	C SQ. FT	D SQ. FT	E SQ. FT.
4"	3	2	2	2	2
6"	4	4	2	2	2
8"	7	6	3	3	2
10"	11	10	4	3	2
12"	16	14	6	5	3
14"	22	19	13	6	3
16"	29	25	16	8	4
18"	36	31	20	10	5
20"	45	39	24	13	6
22"	54	47	29	15	8
24"	64	56	35	18	9
28"	87	76	48	24	12
30"	101	87	55	28	14
36"	145	125	78	40	20
42"	197	171	107	55	27
48"	257	223	140	71	36

NOTES:
1. BEARING AREA OF CONCRETE THRUST BLOCK IS BASED ON 200 PSI PRESSURE AND SAFE SOIL BEARING LOAD OF 2000 PSF.
2. AREAS MUST BE ADJUSTED FOR OTHER PIPE SIZES, PRESSURES AND SOIL CONDITIONS.
3. CONCRETE THRUST BLOCKS SHALL BE CAST IN PLACE AND HAVE A MINIMUM OF 1/4 SQUARE FOOT BEARING AGAINST THE FITTING.
4. THE BLOCK SHALL BEAR AGAINST THE FITTINGS ONLY AND SHALL BE CLEAR OF JOINTS TO PERMIT TAKING UP AND DISMANTLING OF JOINT.
5. THE CONTRACTOR SHALL INSTALL BLOCKING ADEQUATE TO WITHSTAND FULL TEST PRESSURE AS WELL AS TO CONTINUOUSLY WITHSTAND OPERATING PRESSURE UNDER ALL CONDITIONS OF SERVICE.
6. USE 2" THICK STYROFOAM TO FORM THE CONCRETE BLOCKING. PLASTIC SHALL BE INSTALLED BETWEEN ALL CONCRETE BLOCKING AND FITTINGS.

Concrete Blocking — 2023 P-1-05 — REV : 2023

GENERAL NOTES:

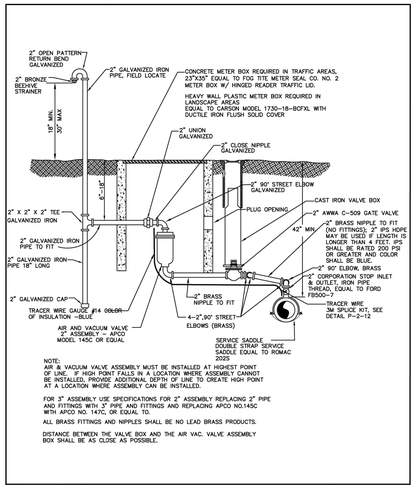
1. STORM WATER FEATURES ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER PIPING SHALL BE INSTALLED ACCORDING TO KITSAP COUNTY SEWER STANDARDS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEETS C10.01 FOR ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.
6. MAINTAIN 42" MINIMUM COVER OVER WATER PIPE GRADE UNLESS OTHERWISE NOTED IN THESE PLANS.



NOTE: VALVE LID SHALL HAVE THE WORD "WATER" CAST IN IT AND SHALL BE EQUAL TO 940 SEATTLE DEEP LID.

THERE SHALL BE NO TRACER WIRE INSIDE THE VALVE BOX.

Valve Box — 2023 P-1-08 — REV : 2023



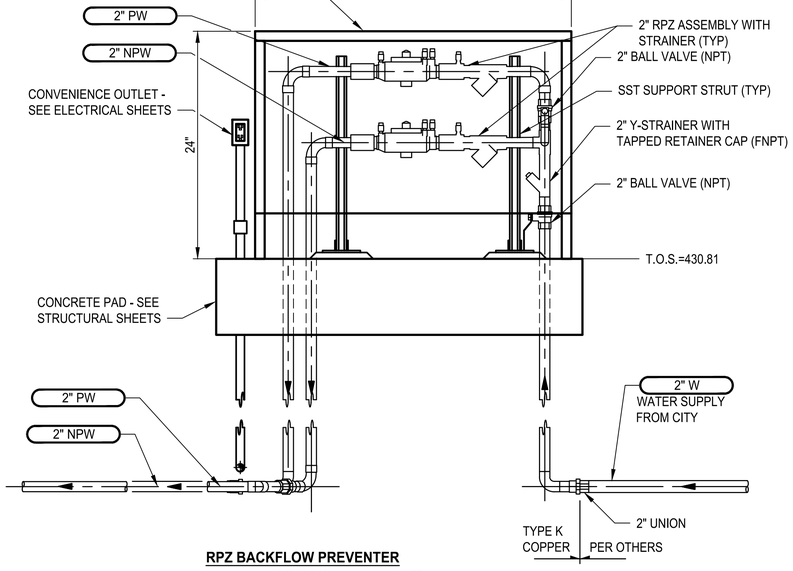
NOTE:
AIR & VACUUM VALVE ASSEMBLY MUST BE INSTALLED AT HIGHEST POINT OF LINE. IF HIGH POINT FALLS IN A LOCATION WHERE ASSEMBLY CANNOT BE INSTALLED, PROVIDE ADDITIONAL DEPTH OF LINE TO CREATE HIGH POINT AT A LOCATION WHERE ASSEMBLY CAN BE INSTALLED.

FOR 3" ASSEMBLY USE SPECIFICATIONS FOR 2" ASSEMBLY REPLACING 2" PIPE AND FITTINGS WITH 3" PIPE AND FITTINGS AND REPLACING APCO NO.145C WITH APCO NO. 147C, OR EQUAL TO.

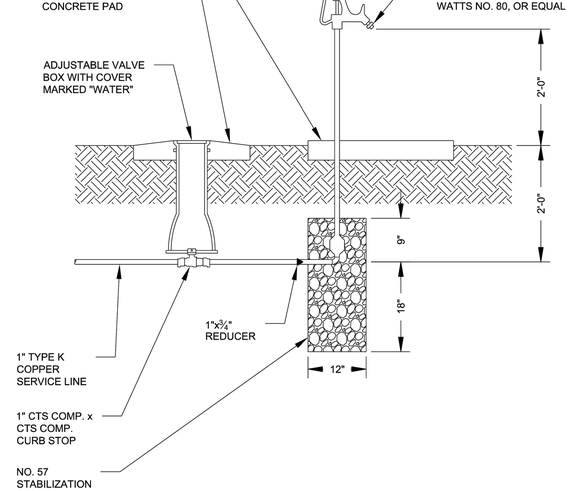
ALL BRASS FITTINGS AND NIPPLES SHALL BE NO LEAD BRASS PRODUCTS.

DISTANCE BETWEEN THE VALVE BOX AND THE AIR VAC. VALVE ASSEMBLY BOX SHALL BE AS CLOSE AS POSSIBLE.

Air Vacuum Valve Assembly — 2023 P-1-04 — REV : 2023



RPZ BACKFLOW PREVENTER DETAIL — NO SCALE — 1 C30.02



FROST-PROOF YARD HYDRANT DETAIL — NO SCALE — 2 C30.03

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C30.08
JOB No. 553-1578-155
DATE AUGUST 2025

CARL R. HUFNAGEL — STATE OF WASHINGTON — 21836 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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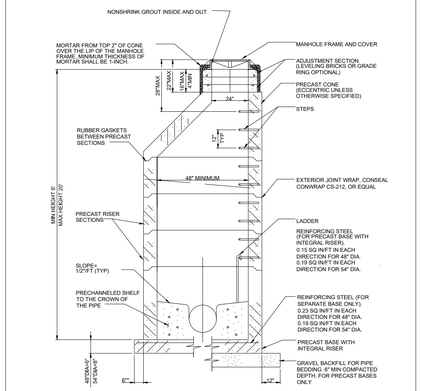
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

WATER STANDARD DETAILS

DRAWING NO. 36 OF 239
C30.08

LAYOUT: C30.08 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:51:42 PM



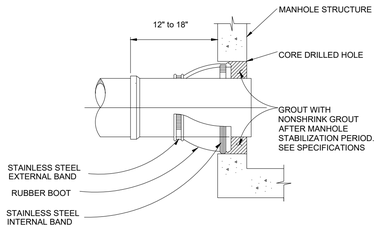
RUBBER BOOTED AND PRECHANNELED

TYPE 1

NO SCALE

Rev:

KITSAP COUNTY Dept. of Public Works	MANHOLE TYPE 1	DETAIL MV-1

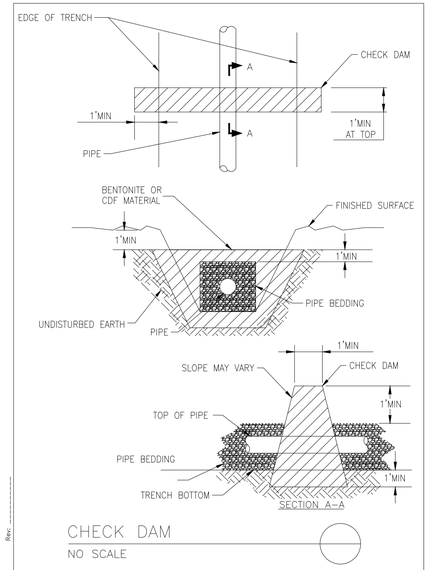


RUBBER BOOT MANHOLE INSERT

NO SCALE

Rev:

KITSAP COUNTY Dept. of Public Works	RUBBER BOOT MANHOLE INSERT	DETAIL MV-5

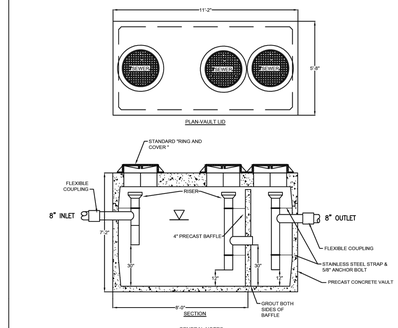


CHECK DAM

NO SCALE

Rev:

KITSAP COUNTY Dept. of Public Works	CHECK DAM	DETAIL PD-3



GENERAL NOTES

1. PRECAST VAULT AND BAFFLE SHALL HAVE KNOCKOUTS AT ALL PIPE OPENINGS. IF KNOCK-OUTS ARE NOT PRESENT, THEN PIPE OPENINGS SHALL BE CORE DRILLED. PIPE OPENINGS SHALL BE 2" LARGER THAN THE PIPE DIAMETER.
2. POSITION RISERS BELOW ACCESS OPENINGS TO ALLOW CLEAR ACCESS TO RISER AND VAULT CHAMBER.
3. LOCATE INTERCEPTOR WITHIN 20' OF DRIVE FOR ACCESS BY MAINTENANCE VEHICLE.
4. CONNECTIONS TO CONCRETE WALL WITH PVC PIPE, REQUIRE KOR-N-SEAL CONNECTORS OR A.C. x PVC BRANT ADAPTER. SEAL ALL PIPE CONNECTIONS WITH NON-SHRINK GROUT.
5. GRAY WATER ONLY. BLACK WATER SHALL BE CARRIED BY SEPARATE SIDE SEWER.
6. RISER CHIMNEY IS LIMITED TO 24" MAX HEIGHT.
7. FILL WITH CLEAN WATER PRIOR TO START UP OF SYSTEM.
8. VAULT DIMENSIONS WILL VARY DEPENDING ON VOLUME RREQUIRED.
9. 2 - 1500 GALLON TANKS MAY BE USED IN LIEU OF 1 - 3000 GALLON OR 2 - 2000 GALLON IN LIEU OF 1 - 4000 GALLON, OR ANY COMBINATION OF TANKS TO EQUAL THE SIZE REQUIRED.

TYPICAL GREASE INTERCEPTOR

NO SCALE

Rev:

KITSAP COUNTY Dept. of Public Works	TYPICAL GREASE INTERCEPTOR	DETAIL FG-3

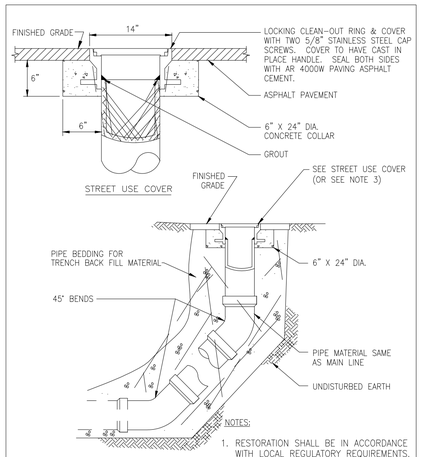
DETAIL

1 / C30.07

NO SCALE

GENERAL NOTES:

1. STORM WATER FEATURES ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER PIPING SHALL BE INSTALLED ACCORDING TO KITSAP COUNTY SEWER STANDARDS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEETS C10.01 FOR ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.
6. SANITARY SEWER DETAILS SHALL BE CONSTRUCTED PER THE STANDARDS OUTLINED IN KITSAP COUNTY PUBLIC WORKS DETAIL MD-1.

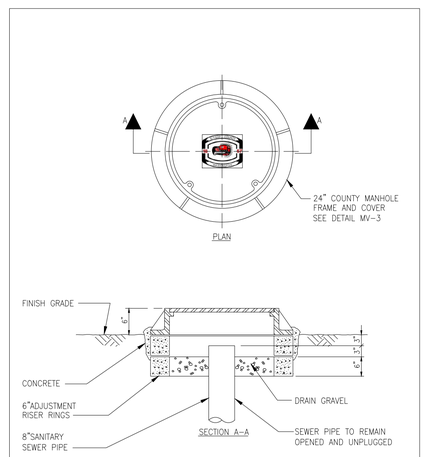


CLEANOUT

NO SCALE

Rev:

KITSAP COUNTY Dept. of Public Works	CLEANOUT AND STREET USE COVER	DETAIL PD-12

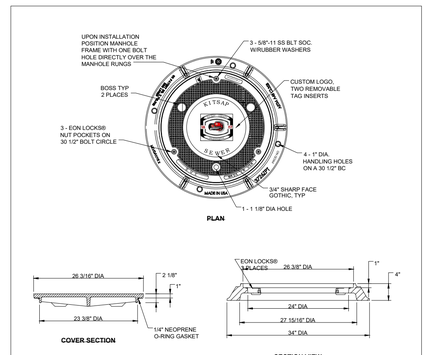


EASEMENT CLEANOUT COVER

NO SCALE

Rev:

KITSAP COUNTY Dept. of Public Works	EASEMENT CLEANOUT COVER	DETAIL PD-13



NOTES:

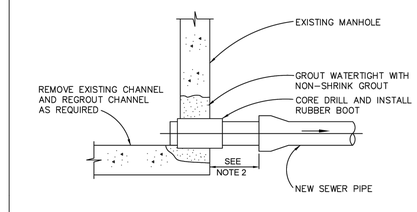
1. MATERIALS: FRAME - GRAY IRON (CL35B), ASTM A48; COVER - DUCTILE IRON (80-55-06), ASTM A536
2. EJ GROUP INTERNATIONAL NO. 3725 APT (OR EQUAL).
3. MANHOLES LOCATED WITHIN NON-PAVED AREAS SHALL REQUIRE THE INSTALLATION OF MARKER POSTS AS MANUFACTURED BY CARSON TYPE CS-225AND MARKED SEWER (DECAL 37-A).
4. PROVIDE NEOPRENE GASKET AND HOLE PLUGS FOR A WATER-TIGHT ASSEMBLY.

MANHOLE FRAME AND COVER

NO SCALE

Rev:

KITSAP COUNTY Dept. of Public Works	MANHOLE FRAME AND COVER	DETAIL MV-3



1. THE OPENING SHALL PROVIDE A MINIMUM CLEARANCE OF 2"AROUND THE CIRCUMFERENCE OF THE PIPE
2. ALL PIPES SHALL BE PROVIDED WITH A FLEXIBLE JOINT WITHIN 1/2 OF A PIPE DIAMETER OR 12", WHICHEVER IS GREATER.

CONNECTION TO EXISTING MANHOLE

NO SCALE

Rev:

KITSAP COUNTY Dept. of Public Works	CONNECTION TO EXISTING MANHOLE	DETAIL MV-6

GENERAL CONSTRUCTION NOTES

1. Construction materials and workmanship shall conform to the requirements of the most recent edition of "Kitsap County Department of Public Works Standards for Sanitary Sewer Extensions" in conjunction with the most recent edition of "The Standard Specifications For Road, Bridge, and Municipal Construction" prepared by the Washington State Chapter of the American Public Works Association.
2. The contractor shall arrange for a preconstruction conference prior to commencing construction. The engineer and/or inspector for the Sewer Utility Division of the Kitsap County Public Works Department shall be in attendance.
3. All sewer installation inspections and test observations shall be made by Kitsap County Department of Public Works Sewer Utility Division. The County inspector shall be notified two work days in advance of commencing work on a sanitary sewer extension. Prior to final acceptance of all installations, the County shall conduct an inspection of all main lines by the use of television equipment. Final acceptance of sewer installations will not be made until tests and inspections are complete and prove satisfactory.
4. The physical connection to an existing manhole or sewer shall not be made until authorized by the County. Such authorization will not be given until all upstream lines have been completely cleaned and all debris removed.
5. Gravity mains shall be tested by the low pressure air method. Forcemains shall be tested by the hydrostatic test method. All tests shall be made in the presence of the County inspector.
6. Drop manholes shall, in all respects, be constructed as a standard manhole with the exception of the outside drop connection as shown on the standard plan "Drop Manhole Connection".
7. Manholes shall be precast reinforced concrete units with eccentric cones conforming to the standard plan "Type 1 Manhole". Joints between precast wall sections shall be confined O-ring type.
8. Manhole frame and covers shall be cast iron, three bolt locking type, EJ Group International No. 00372553B01, or equal. Bolts shall be 5/8" stainless steel socket head, countersunk. The cover shall have the Kitsap County logo.
9. Cleanout frame and covers shall be cast iron two bolt locking type, Olympic Foundry type M1025, or equal. Bolts shall be 5/8" stainless steel socket head, countersunk.
10. All side sewers shall be 6" diameter minimum and laid on a minimum slope of 2 percent. All side sewers shall be provided with a cleanout and test tees for each lot to be served.
11. Check dams shall be placed at 100 foot intervals on gravity mains laid on 6 percent or greater slopes.
12. Concrete pipe anchors shall be placed on sewer mains where slopes exceed 20 percent. Anchors shall be placed on 36 foot centers for slopes 20 to 35 percent, on 24 foot centers for slopes 35 to 50 percent, and on 16 foot centers for slopes 50 percent and greater.

GENERAL CONSTRUCTION NOTES

NO SCALE

Rev:

KITSAP COUNTY Dept. of Public Works	GENERAL CONSTRUCTION NOTES	DETAIL MD-1

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C30.08
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SEWER STANDARD DETAILS

DRAWING NO. 37 OF 239
C30.09

PLOTTED BY: SmithNat DATE: Tuesday, April 1, 2025 10:34:01 AM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
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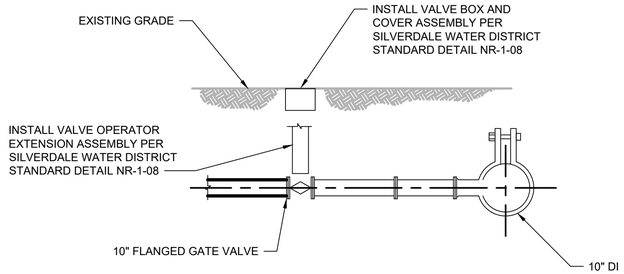
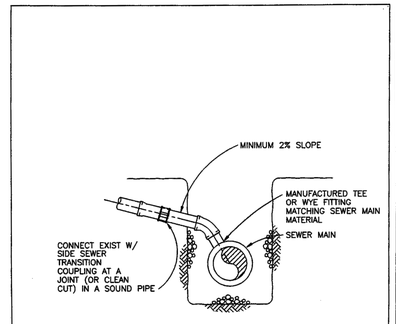
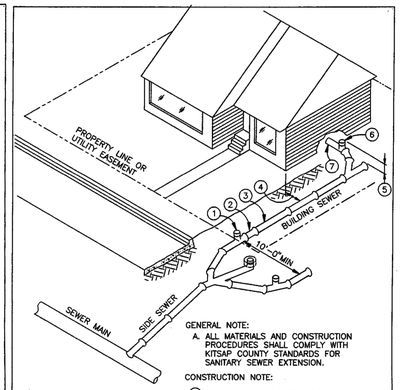


WATER MAIN CONNECTION
SECTION A
NO SCALE -



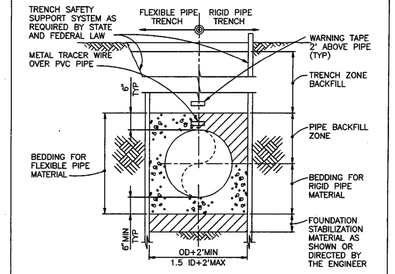
SIDE SEWER CONNECTION
NO SCALE

KITSAP COUNTY Dept. of Public Works	SIDE SEWER CONNECTION	DETAIL PD-7



BUILDING SEWER CONNECTION
NO SCALE

KITSAP COUNTY Dept. of Public Works	BUILDING SEWER CONNECTION	DETAIL PD-9

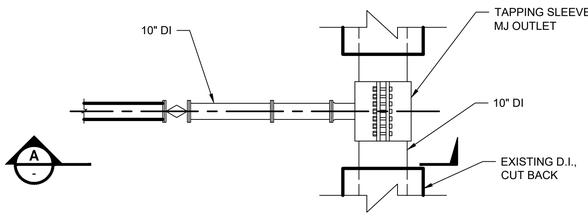


TYPICAL PIPE TRENCH
NO SCALE

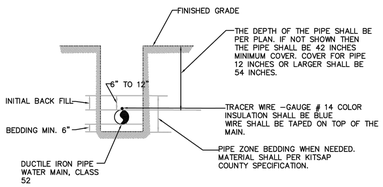
KITSAP COUNTY Dept. of Public Works	PIPE TRENCH	DETAIL PD-1

GENERAL NOTES:

1. STORM WATER FEATURES ARE SHOWN FOR INFORMATION ONLY. SEE C40 SERIES FOR SURFACE WATER MANAGEMENT PLANS.
2. FOR ELECTRICAL ROUTING, SEE E10 SERIES FOR ELECTRICAL PLANS.
3. SANITARY SEWER LINES SHALL BE ASTM D 3034, SDR 35 PVC PIPING, UNLESS OTHERWISE NOTED, WITH PUSH ON JOINTS. ALL SANITARY SEWER PIPING SHALL BE INSTALLED ACCORDING TO KITSAP COUNTY SEWER STANDARDS.
4. EXISTING WATER LINES TO BE ABANDONED. EXISTING WATER VALVES AND EQUIPMENT TO BE REPLACED. SEE DEMO SHEETS C10.01FOR ABANDONMENT OF EXISTING UTILITIES.
5. WATER LINES SHALL BE CLASS 52 DUCTILE IRON RESTRAINED JOINT PIPE WITH CEMENT LINING. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED ACCORDING TO SILVERDALE WATER DISTRICT AND AWWA SPECIFICATIONS.

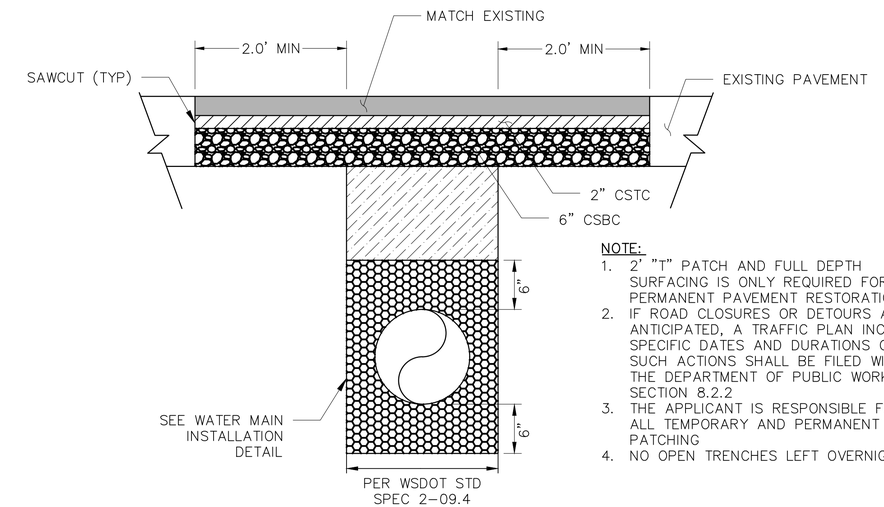


WATER MAIN CONNECTION
DETAIL A
NO SCALE



NOTE: USE FIELD-LOK GASKETS AND MEGALUG MECHANICAL JOINT RESTRAINTS OR OTHER APPROVED RESTRAINT SYSTEMS.

	Water Main Installation	2023 P-2-11 REV : 2023



NOTE:
1. 2' "T" PATCH AND FULL DEPTH SURFACING IS ONLY REQUIRED FOR PERMANENT PAVEMENT RESTORATION
2. IF ROAD CLOSURES OR DETOURS ARE ANTICIPATED, A TRAFFIC PLAN INCLUDING SPECIFIC DATES AND DURATIONS OF SUCH ACTIONS SHALL BE FILED WITH THE DEPARTMENT OF PUBLIC WORKS PER SECTION 8.2.2
3. THE APPLICANT IS RESPONSIBLE FOR ALL TEMPORARY AND PERMANENT PATCHING
4. NO OPEN TRENCHES LEFT OVERNIGHT

TRENCH RESTORATION
DETAIL B
NO SCALE C30.01, C30.02

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. DANG
DRAWN B. ANTOINE
CHECKED C. HIATT
APPROVED D. SANDENO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C30.08
JOB No. 553-1578-155
DATE AUGUST 2025

DARYL R. HUFNAGEL — STATE OF WASHINGTON — 21852 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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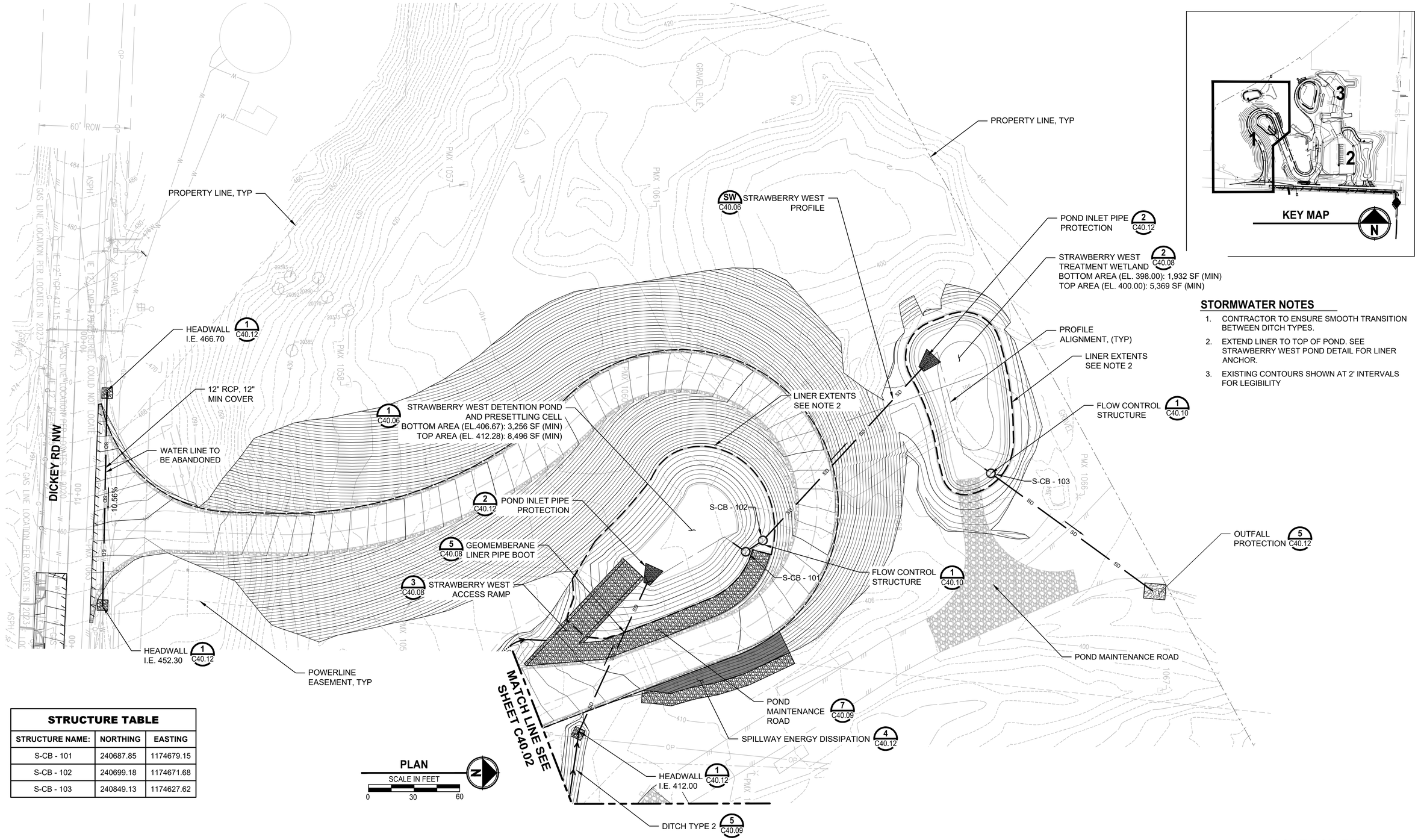
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

INSTALLATION DETAILS

DRAWING NO.
38 OF 239
C30.10

LAYOUT: C30.10 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:51:52 PM



STORMWATER NOTES

1. CONTRACTOR TO ENSURE SMOOTH TRANSITION BETWEEN DITCH TYPES.
2. EXTEND LINER TO TOP OF POND. SEE STRAWBERRY WEST POND DETAIL FOR LINER ANCHOR.
3. EXISTING CONTOURS SHOWN AT 2' INTERVALS FOR LEGIBILITY

STRUCTURE TABLE

STRUCTURE NAME:	NORTHING	EASTING
S-CB - 101	240687.85	1174679.15
S-CB - 102	240699.18	1174671.68
S-CB - 103	240849.13	1174627.62

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED M. FONTAINE
DRAWN S. DHITAL
CHECKED C. MITCHELL
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C40
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FONTAINE — STATE OF WASHINGTON — 46158 — REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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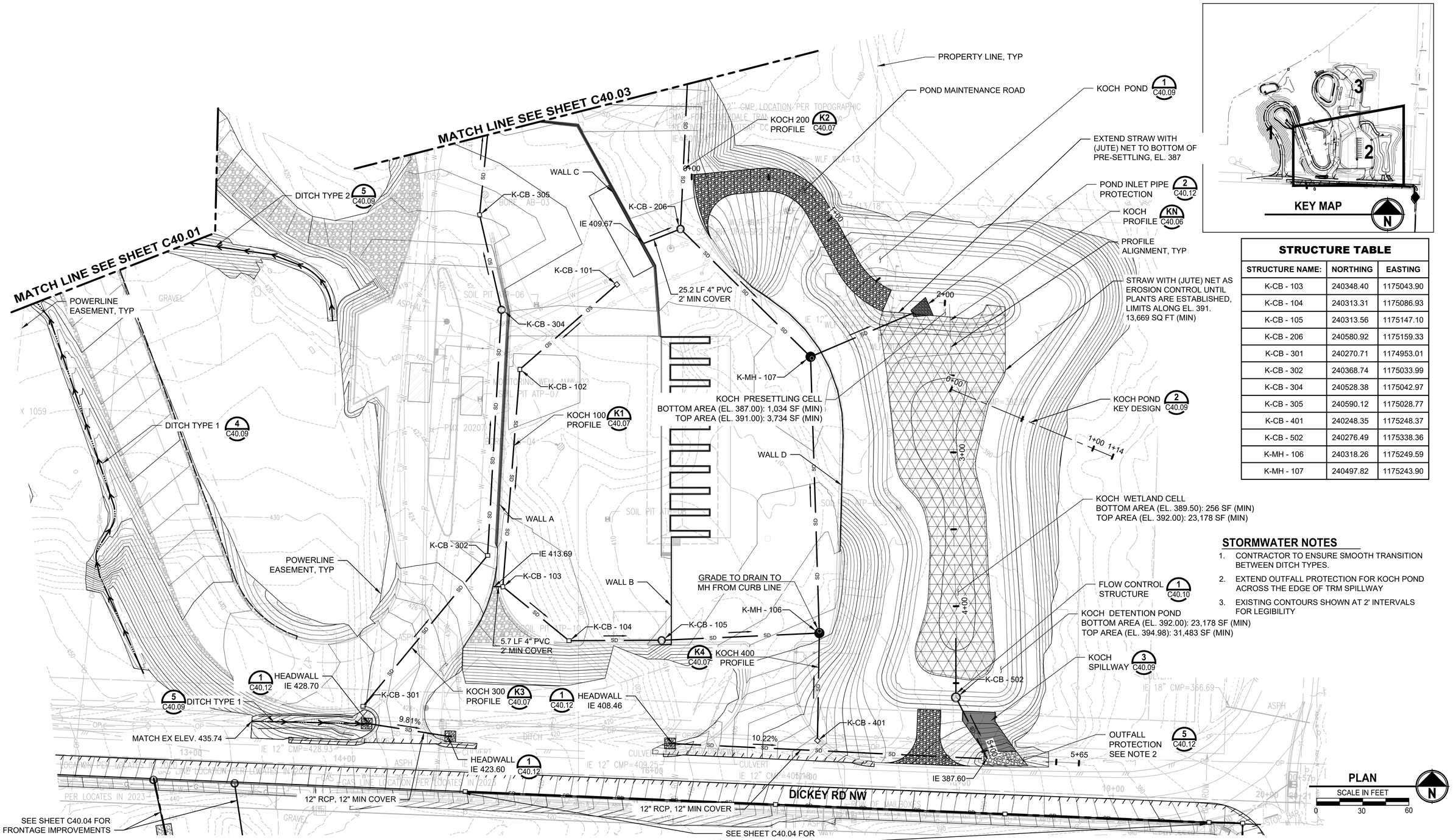
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SURFACE WATER MANAGEMENT PLAN 1

DRAWING NO. 39 OF 239
C40.01

LAYOUT: C40.01 PATH: C:\Users\CWitzel\DOCACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:40:19 AM



STRUCTURE TABLE		
STRUCTURE NAME:	NORTHING	EASTING
K-CB - 103	240348.40	1175043.90
K-CB - 104	240313.31	1175086.93
K-CB - 105	240313.56	1175147.10
K-CB - 206	240580.92	1175159.33
K-CB - 301	240270.71	1174953.01
K-CB - 302	240368.74	1175033.99
K-CB - 304	240528.38	1175042.97
K-CB - 305	240590.12	1175028.77
K-CB - 401	240248.35	1175248.37
K-CB - 502	240276.49	1175338.36
K-MH - 106	240318.26	1175249.59
K-MH - 107	240497.82	1175243.90

STORMWATER NOTES

1. CONTRACTOR TO ENSURE SMOOTH TRANSITION BETWEEN DITCH TYPES.
2. EXTEND OUTFALL PROTECTION FOR KOCH POND ACROSS THE EDGE OF TRM SPILLWAY
3. EXISTING CONTOURS SHOWN AT 2' INTERVALS FOR LEGIBILITY

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED M. FONTAINE
DRAWN S. DHITAL
CHECKED C. MITCHELL
APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C40
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FONTAINE STATE OF WASHINGTON 46158 REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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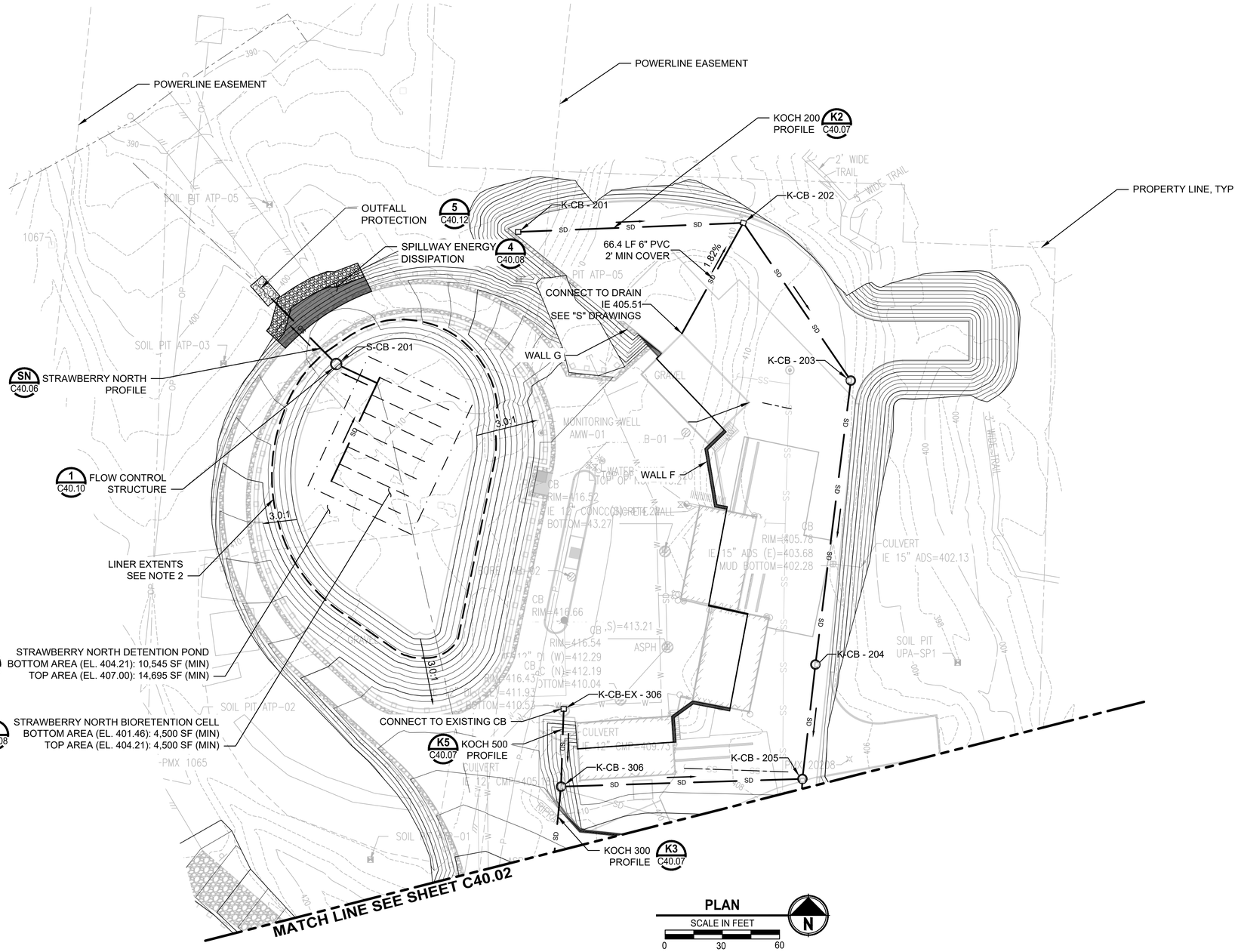
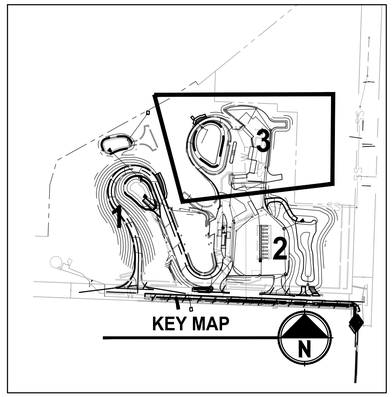
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SURFACE WATER MANAGEMENT PLAN 2

DRAWING NO.
40 OF 239
C40.02

LAYOUT: C40.02 PATH: C:\Users\CWitzel\DOCACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:40:39 AM





STORMWATER NOTES

1. CONTRACTOR TO ENSURE SMOOTH TRANSITION BETWEEN DITCH TYPES.
2. EXTEND LINER TO TOP OF POND. SEE STRAWBERRY WEST POND DETAIL FOR LINER ANCHOR.
3. EXISTING CONTOURS SHOWN AT 2' INTERVALS FOR LEGIBILITY

STRUCTURE TABLE

STRUCTURE NAME:	NORTHING	EASTING
K-CB-EX - 306	240717.00	1175038.84
K-CB - 201	240967.15	1175014.94
K-CB - 202	240971.90	1175133.04
K-CB - 203	240889.19	1175189.46
K-CB - 204	240740.27	1175170.86
K-CB - 205	240680.29	1175164.06
K-CB - 306	240676.26	1175037.43
S-CB - 201	240897.88	1174919.49

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. FONTAINE
DRAWN S. DHITAL
CHECKED C. MITCHELL
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C40
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FONTAINE — STATE OF WASHINGTON — 46158 — REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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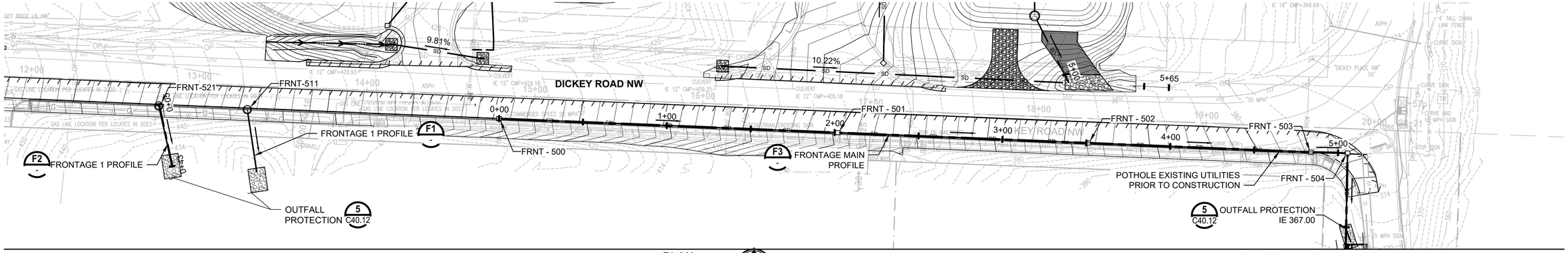
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SURFACE WATER MANAGEMENT PLAN 3

DRAWING NO. 41 OF 239
C40.03

LAYOUT: C40.03 PATH: C:\Users\CWitzel\DOACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:40:57 AM



PLAN

SCALE IN FEET

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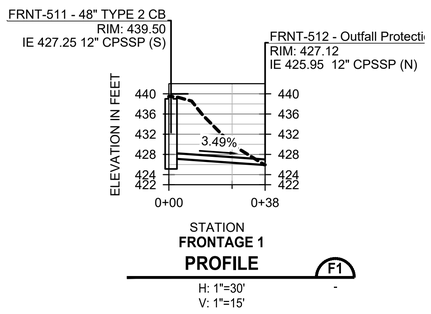

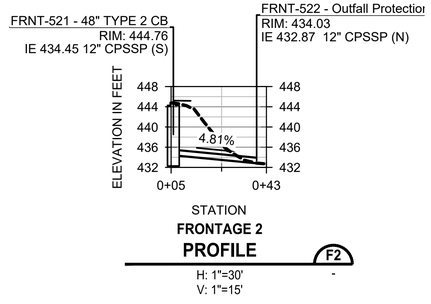

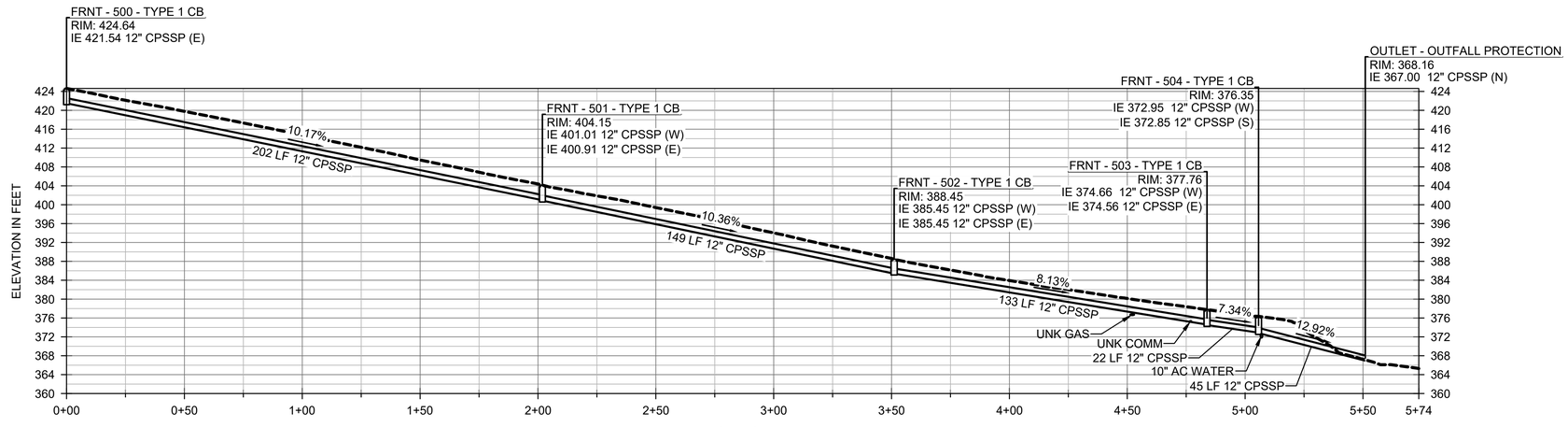

STRUCTURE TABLE

STRUCTURE NAME:	NORTHING	EASTING
FRNT-511	240220.56	1174869.55
FRNT-512	240183.75	1174875.13
FRNT-521	240222.79	1174816.82
FRNT-522	240190.61	1174824.02
FRNT - 500	240215.23	1175019.45
FRNT - 501	240206.87	1175221.15
FRNT - 502	240200.69	1175370.23
FRNT - 503	240195.20	1175502.84
FRNT - 504	240194.76	1175524.72

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED M. FONTAINE
DRAWN S. DHITAL
CHECKED C. MITCHELL
APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C40 Frontage
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FONTAINE — STATE OF WASHINGTON — 46158 — REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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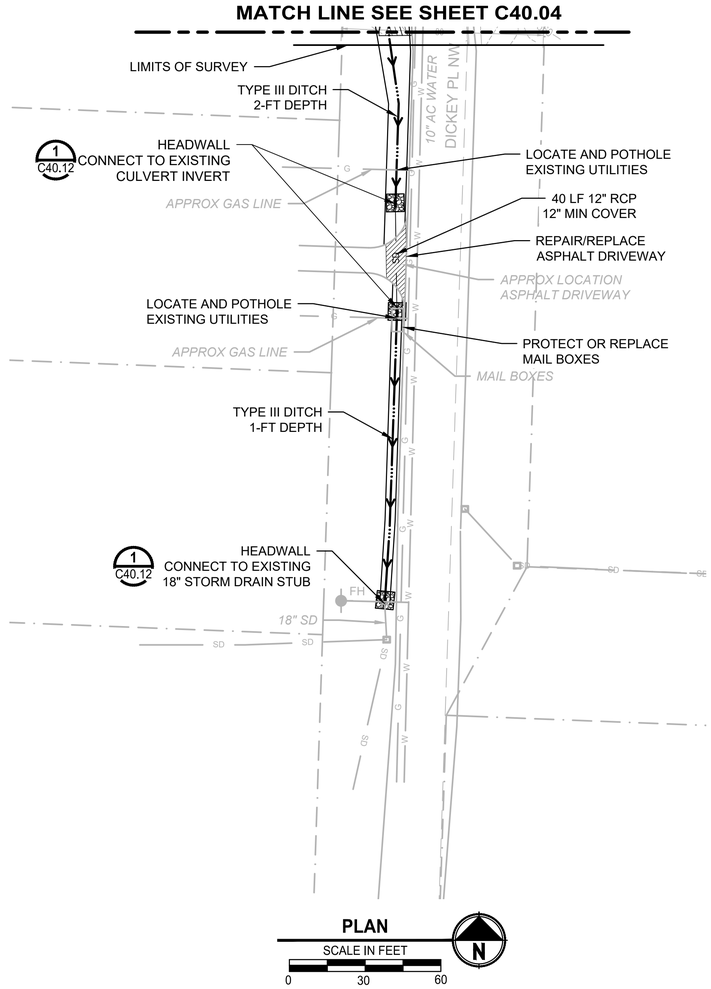
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FRONTAGE IMPROVEMENTS PLAN 1

DRAWING NO. 42 OF 239

C40.04

LAYOUT: C40.04 PATH: C:\Users\CWitzel\DCACDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:42:12 AM



NOTE:

EXISTING CONDITIONS SHOWN ON THIS SHEET ARE FROM GIS AND DIGITIZED. FIELD VERIFY PRIOR TO CONSTRUCTION.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. FONTAINE
DRAWN S. DHITAL
CHECKED C. MITCHELL
APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C40 Frontage
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FONTAINE
STATE OF WASHINGTON
46158
REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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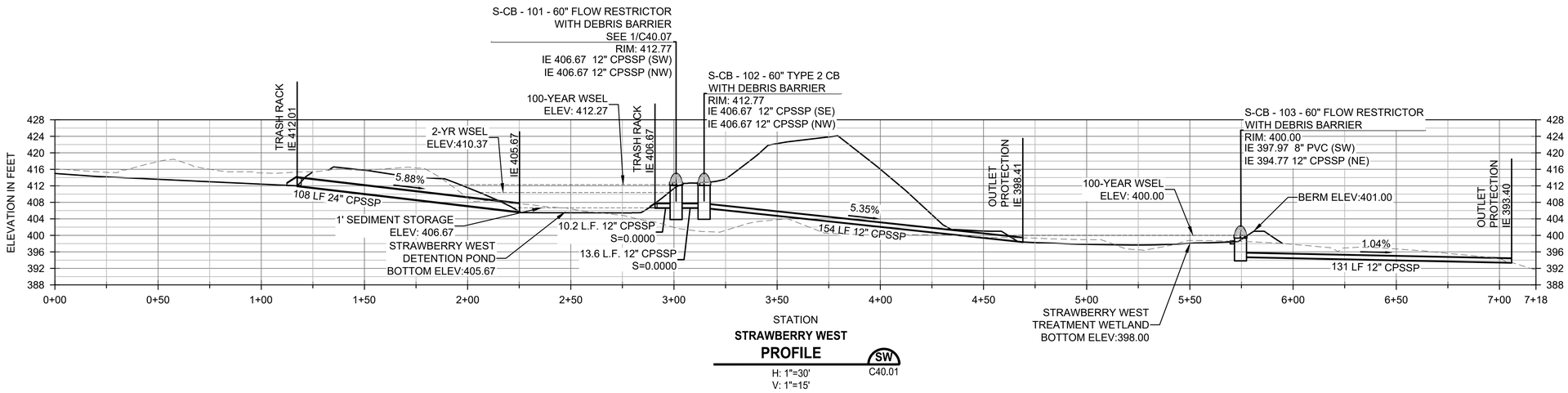
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FRONTAGE IMPROVEMENTS PLAN 2

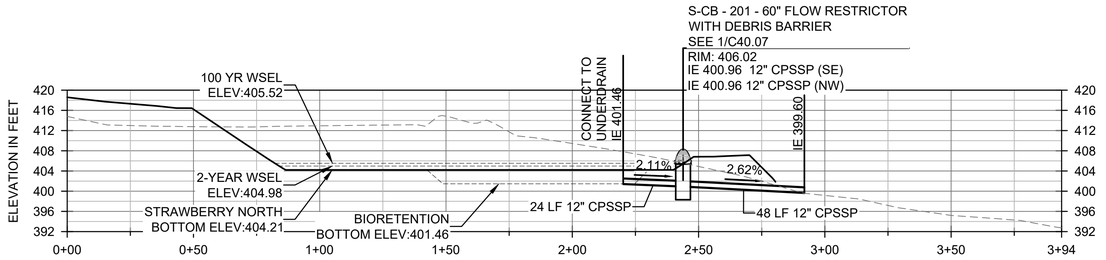
DRAWING NO. 43 OF 239

C40.05

LAYOUT: C40.05 PATH: C:\Users\CWitzel\DCAACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:42:22 AM



STRAWBERRY WEST
PROFILE (SW)
H: 1"=30'
V: 1"=15'
C40.01



STRAWBERRY NORTH
PROFILE (SN)
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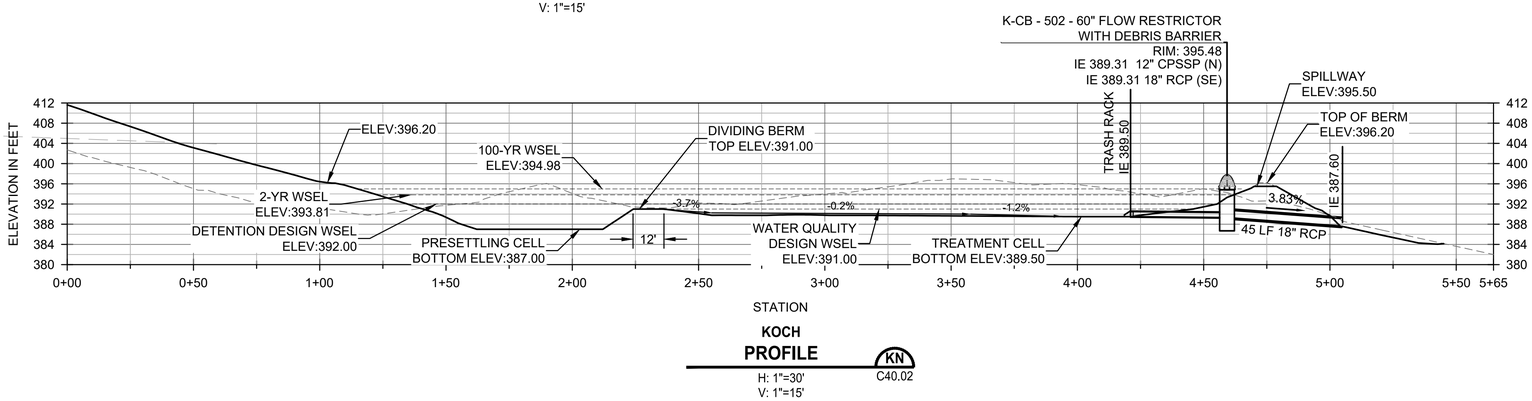
V: 1"=15'
C40.03



KOCH
PROFILE (KN)
H: 1"=30'
V: 1"=15'
C40.02

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED M. FONTAINE
DRAWN S. DHITAL
CHECKED C. MITCHELL
APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C40
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FONTAINE — STATE OF WASHINGTON — 46158 — REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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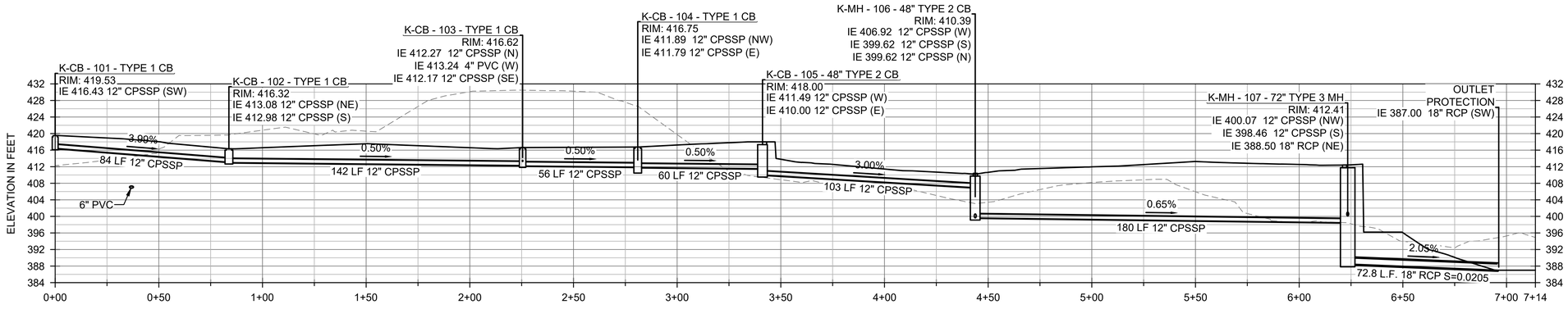
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SURFACE WATER MANAGEMENT PROFILES 1

DRAWING NO.
44 OF 239
C40.06

LAYOUT: C40.06 PATH: C:\Users\CWitzel\DCA\CCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:43:29 AM



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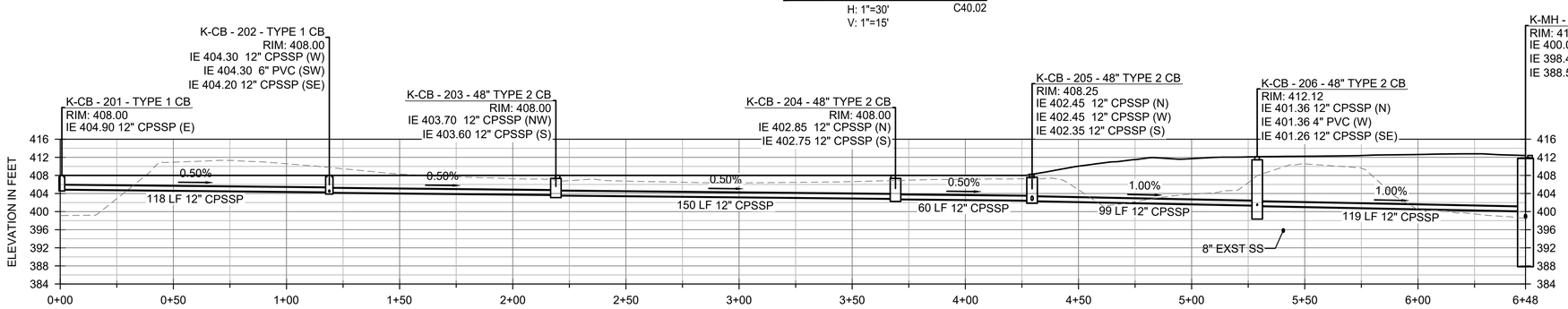
V: 1"=15'
C40.02



KOCH 200
PROFILE K2
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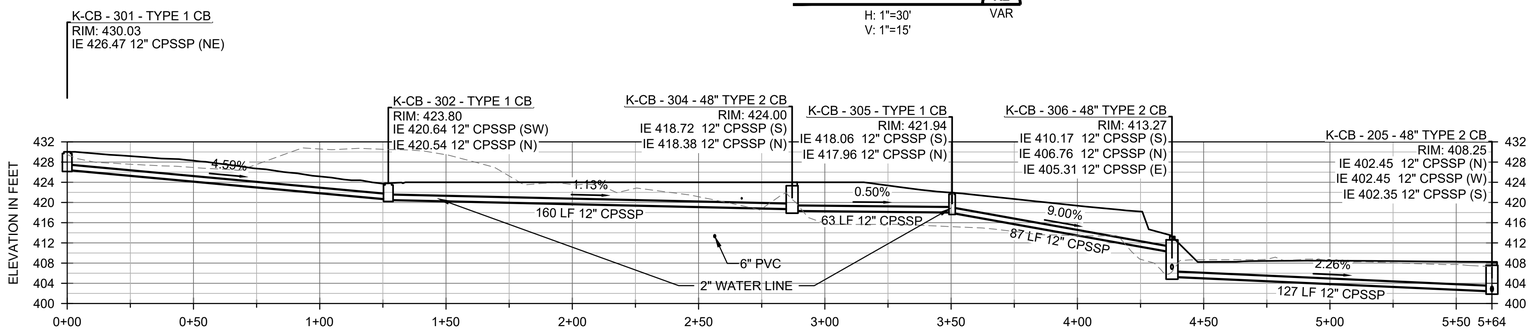
V: VAR



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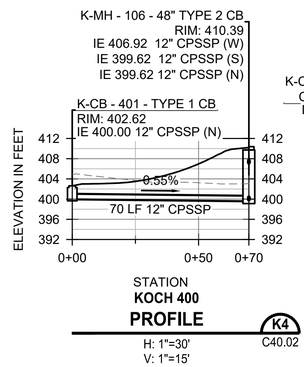
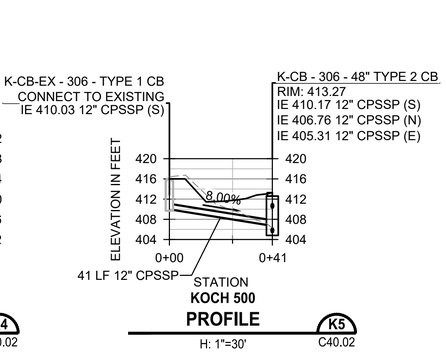
PROFILE K3
H: 1"=30'
V: 1"=15'
VAR



KOCH 400
PROFILE K4
H: 1"=30'
V: 1"=15'
C40.02



KOCH 500
PROFILE K5
H: 1"=30'
C40.02

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED ##########
DRAWN ##########
CHECKED C. MITCHELL
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C40
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FOX
STATE OF WASHINGTON
46158
REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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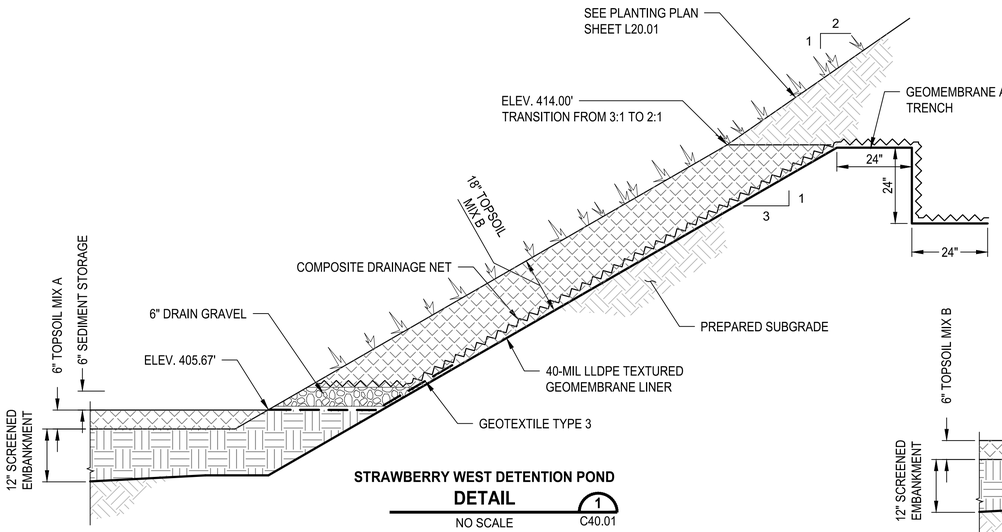
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

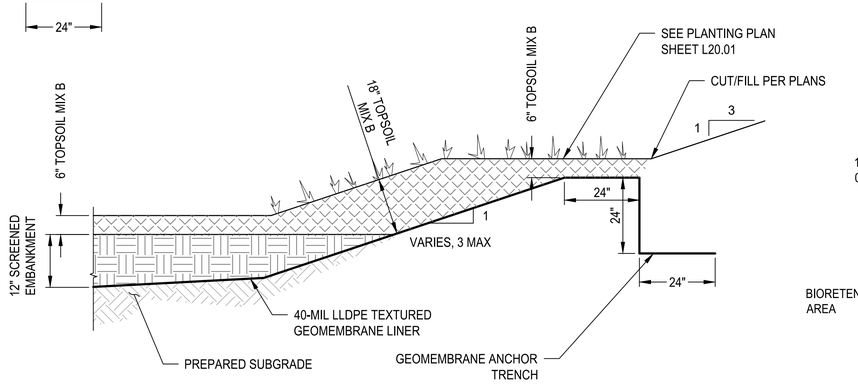
SURFACE WATER MANAGEMENT PROFILES 2

DRAWING NO. 45 OF 239
C40.07

LAYOUT: C40.07 PATH: C:\Users\CWitzel\DOCACDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:43:38 AM



STRAWBERRY WEST DETENTION POND
DETAIL 1 C40.01
NO SCALE



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DETAIL 4 C40.01
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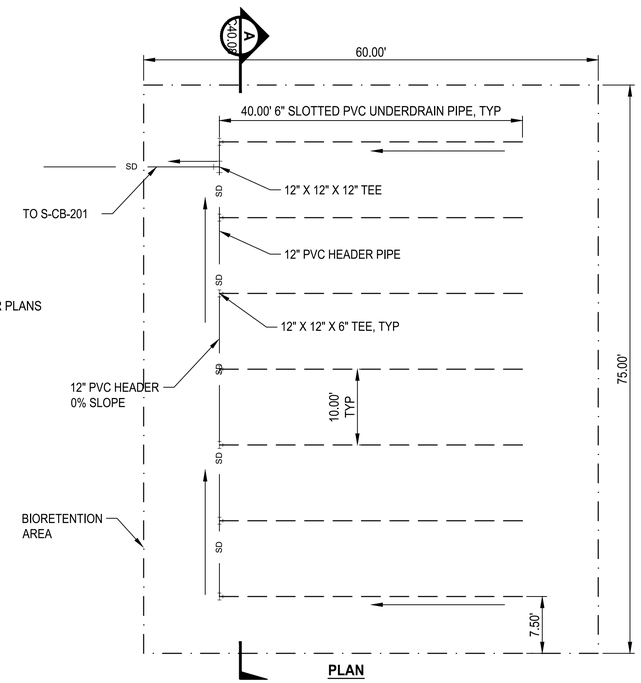
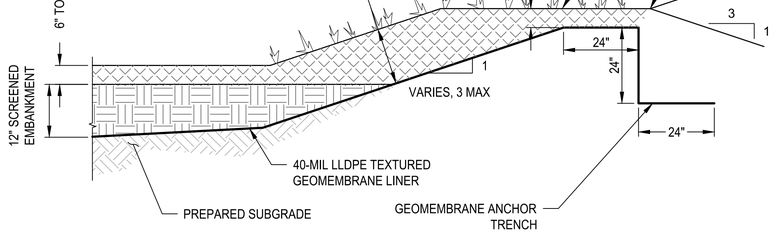
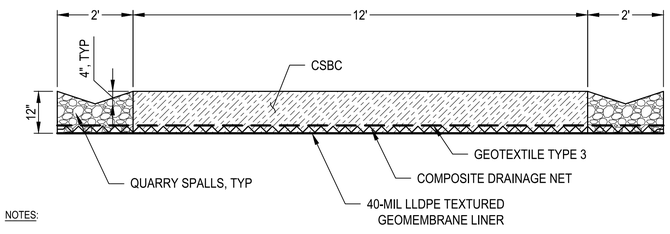


PLAN



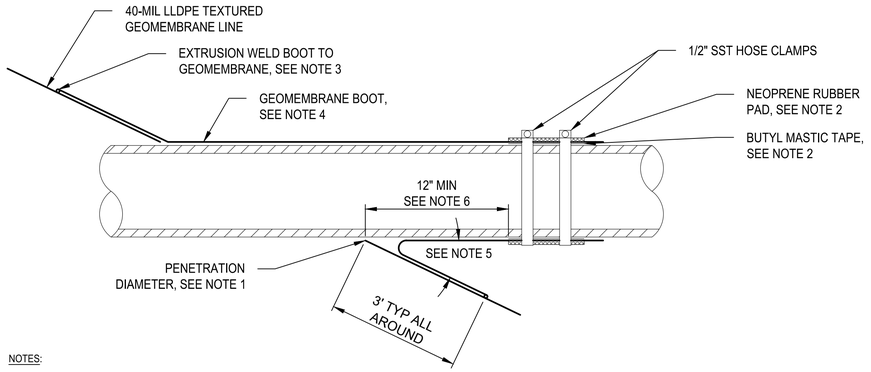
STRAWBERRY WEST TREATMENT WETLAND
DETAIL 2 C40.01
NO SCALE



NOTES:

1. CRUSHED SURFACING BASE COURSE (CSBC) SHALL BE IN ACCORDANCE WITH WSDOT STD SPECIFICATION 9-03.9(3).

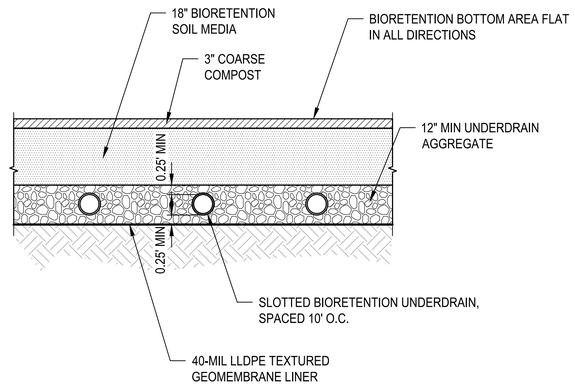
STRAWBERRY WEST ACCESS RAMP
DETAIL 3 C40.01
NO SCALE



NOTES:

1. CUT OPENING IN GEOMEMBRANE FOR PIPE TO WITHIN 1/2" OF PIPE OD.
2. APPLY BUTYL MASTIC TAPE INSIDE BOOT AND NEOPRENE RUBBER PAD OUTSIDE BOOT CONTINUOUSLY AROUND PIPE.
3. FORM BOOT WITH SUFFICIENT MATERIAL TO PREVENT OVERSTRESSING DURING BACKFILLING OR OTHER CONDITIONS, BUT WITHOUT FOLDS OR WRINKLES.
4. CONSTRUCT BOOT FROM SAME MATERIAL AS THE MATERIAL BEING PENETRATED
5. ANGLE VARIES, THE ANGLE SHOULD NOT BE LESS THAN 30°. IF ANGLE IS LESS THAN 30° ADD SOIL AROUND THE PIPE TO INCREASE THE ANGLE AND PREVENT STRESSING AND CRACKING.
6. INSTALL PIPE CLAMPS AT A MINIMUM OF 12" FROM GEOMEMBRANE COVER.
7. EXTEND HEAT SHRINK WRAP ONE PIPE. DIAMETER BEYOND CLAMPS.
8. IF BOOT IS FORMED USING AN ANNULAR SEAM, PROVIDE A MINIMUM OF 3-FEET OF MATERIAL BETWEEN OUTSIDE DIAMETER OF PIPE AND SEAM. PROVIDE SUFFICIENT MATERIAL BETWEEN SEAM AND BOOT CLAMP TO ALLOW FLEXIBILITY PER NOTE 3.

GEOMEMBERANE LINER PIPE BOOT
DETAIL 5 VAR
NO SCALE



SECTION A

STRAWBERRY NORTH BIORETENTION CELL
DETAIL 6 C40.03
NO SCALE

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	REVISIONS	DATE	BY

DESIGNED M. FONTAINE
DRAWN S. DHITAL
CHECKED C. MITCHELL
APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C40.06
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FONTAINE — STATE OF WASHINGTON — 46158 — REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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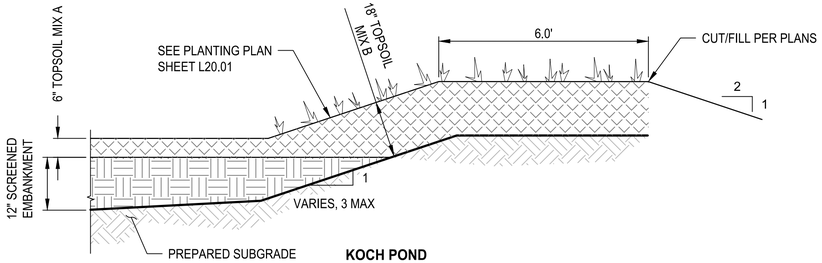
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SURFACE WATER MANAGEMENT DETAILS 1

DRAWING NO. 46 OF 239
C40.08

LAYOUT: C40.08 PATH: C:\Users\CWitzel\DOCACCDocs\ParametrixSilverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:44:31 AM



KOCH POND DETAIL — 1 / C40.02
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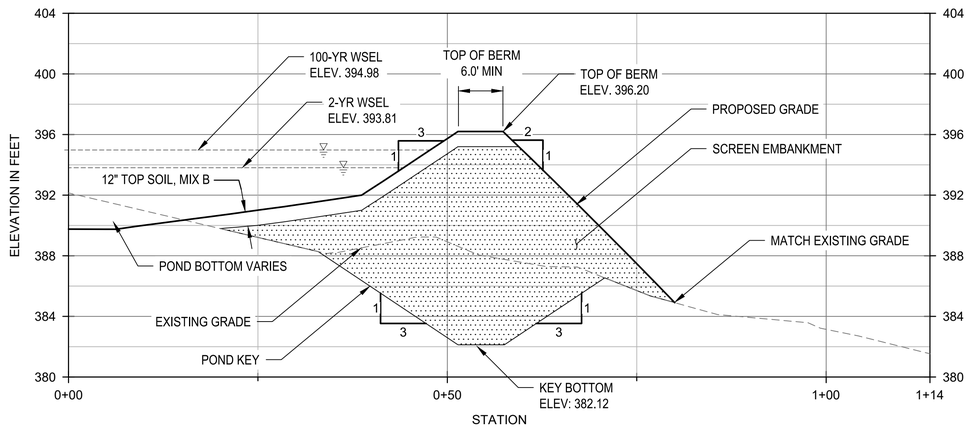
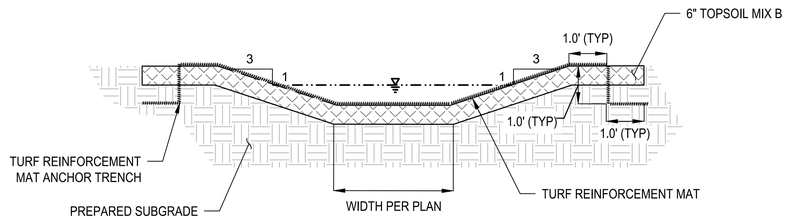


KOCH POND KEY DESIGN DETAIL — 2 / C40.02
1" = 10'
1" = 5'



KOCH POND SPILLWAY — 3 / C40.02
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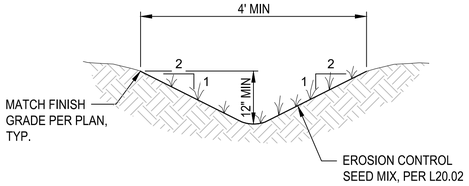

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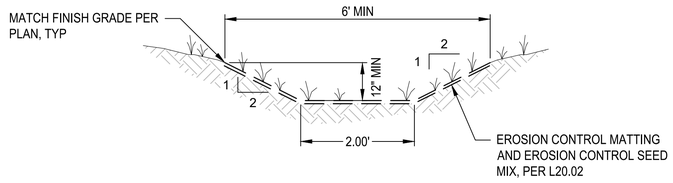

DITCH TYPE 2 DETAIL — 5 / VAR
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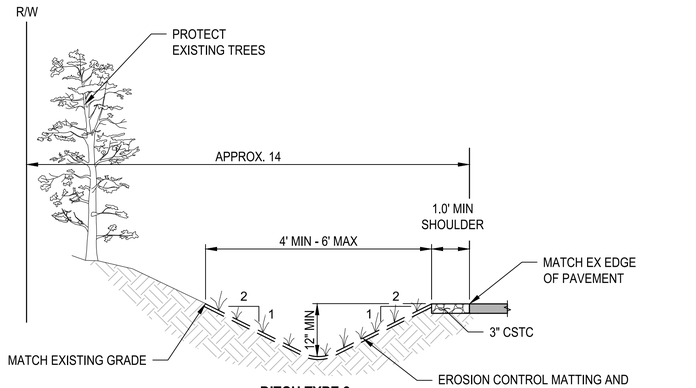

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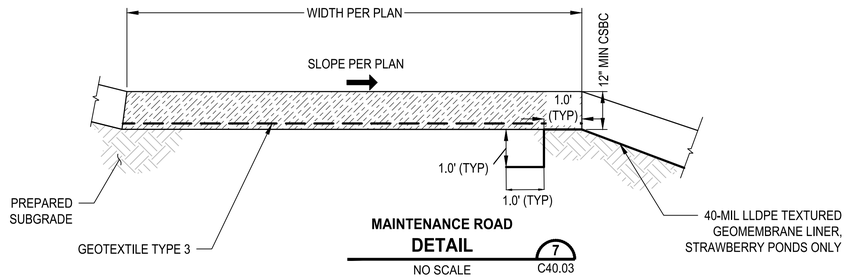

MAINTENANCE ROAD DETAIL — 7 / C40.03
NO SCALE

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	REVISIONS	DATE	BY

DESIGNED M. FONTAINE
DRAWN S. DHITAL
CHECKED C. MITCHELL
APPROVED

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FILE NAME PS1578155-C40.06
JOB No. 553-1578-155
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MATTHEW M. FONTAINE — STATE OF WASHINGTON — 46158 — REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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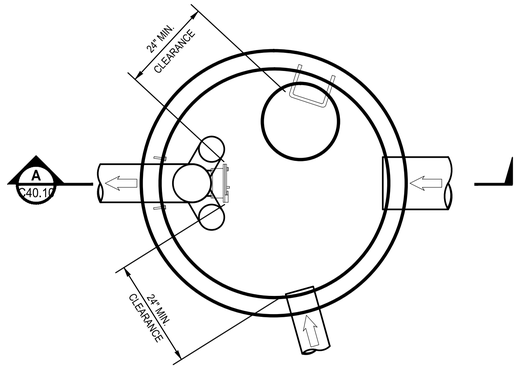
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SURFACE WATER MANAGEMENT DETAILS 2

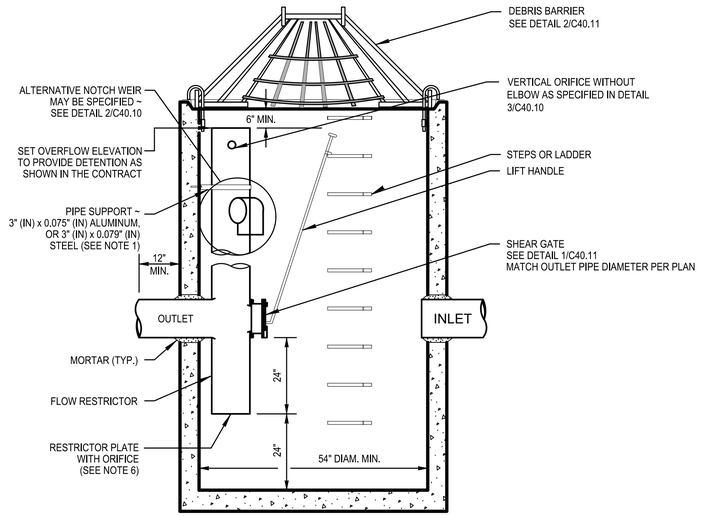
DRAWING NO. 47 OF 239
C40.09

LAYOUT: C40.09 PATH: C:\Users\CWitzel\DCAACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:44:41 AM

DRAWN BY: FERN LIDDELL



PLAN VIEW

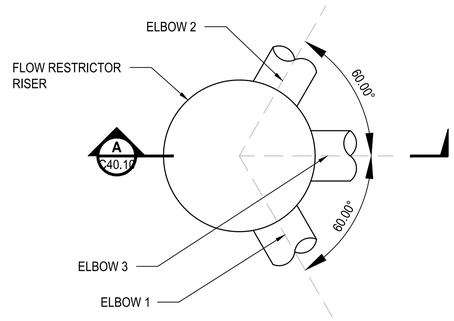


SECTION A

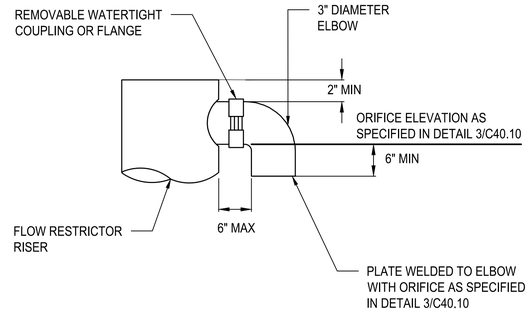
NOTES

1. THE PIPE SUPPORTS AND THE FLOW RESTRICTOR SHALL BE CONSTRUCTED OF THE SAME MATERIAL AND BE ANCHORED AT A MAXIMUM SPACING OF 36" (IN). ATTACH THE PIPE SUPPORTS TO THE MANHOLE WITH 5/8" (IN) STAINLESS STEEL EXPANSION BOLTS OR EMBED THE SUPPORTS INTO THE MANHOLE WALL 2" (IN).
2. THE FLOW RESTRICTOR SHALL BE FABRICATED FROM ONE OF THE FOLLOWING MATERIALS:
   0.060" (IN) CORRUGATED ALUMINUM ALLOY DRAIN PIPE
   0.064" (IN) CORRUGATED GALVANIZED STEEL DRAIN PIPE WITH TREATMENT 1
   0.064" (IN) CORRUGATED ALUMINIZED STEEL DRAIN PIPE
   0.060" (IN) ALUMINUM ALLOY FLAT SHEET, IN ACCORDANCE WITH ASTM B 209, 5052 H32 OR EPS
   HIGH DENSITY POLYETHYLENE STORM SEWER PIPE
3. THE FRAME AND LADDER OR STEPS ARE TO BE OFFSET SO THAT: THE SHEAR GATE IS VISIBLE FROM THE TOP; THE CLIMB-DOWN SPACE IS CLEAR OF THE RISER AND GATE; THE FRAME IS CLEAR OF THE CURB.
4. THE MULTI-ORIFICE ELBOWS MAY BE LOCATED AS SHOWN, OR ALL PLACED ON ONE SIDE OF THE RISER TO ASSURE LADDER CLEARANCE. THE SIZE OF THE ELBOWS AND THEIR PLACEMENT SHALL BE SPECIFIED IN THE CONTRACT.
5. RESTRICTOR PLATE WITH ORIFICE AS SPECIFIED IN THE CONTRACT. THE OPENING IS TO BE CUT ROUND AND SMOOTH.

FLOW CONTROL STRUCTURE
DETAIL 1 / VAR
NO SCALE



PLAN VIEW



SECTION A

ELBOW ORIFICE
DETAIL 2 / C40.10
NO SCALE

STRUCTURE #	RISER OR ORIFICE #	TYPE	ELEVATION (FT)	DIAMETER (IN)
S-CB-101	ORIFICE #1	HORIZONTAL; NO ELBOW	BOTTOM	1.20
S-CB-101	ORIFICE #2	HORIZONTAL; ELBOW	410.37	1.90
S-CB-101	ORIFICE #3	HORIZONTAL; ELBOW	411.17	1.00
S-CB-101	ORIFICE #4	HORIZONTAL; ELBOW	411.67	1.20
S-CB-101	RISER	RISER	412.27	12.0
S-CB-103	RISER	RISER	400.0	12.0
S-CB-103	SEE NOTE 1			
S-CB-201	ORIFICE #1	HORIZONTAL; NO ELBOW	BOTTOM	1.00
S-CB-201	ORIFICE #2	HORIZONTAL; ELBOW	404.96	1.40
S-CB-201	ORIFICE #3	VERTICAL; NO ELBOW	405.21	1.10
S-CB-201	ORIFICE #4	VERTICAL; NO ELBOW	405.31	1.00
S-CB-201	RISER	RISER	405.52	12.0
K-CB-502	ORIFICE #1	HORIZONTAL; NO ELBOW	BOTTOM	1.85
K-CB-502	ORIFICE #2	HORIZONTAL; ELBOW	393.60	1.90
K-CB-502	ORIFICE #3	HORIZONTAL; ELBOW	394.00	2.20
K-CB-502	ORIFICE #4	HORIZONTAL; ELBOW	394.50	2.30
K-CB-502	RISER	RISER	394.98	12.0

NOTES

1. STRAWBERRY WEST WETLAND FLOW CONTROL STRUCTURE (S-CB-103) SHALL INCLUDE ONLY A SHEAR GATE FOR FLOW CONTROL. STRUCTURE SHALL NOT INCLUDE ANY ORIFICES AND BOTTOM OF RISER STEM SHALL BE CAPPED.
2. CONSTRUCT FLOW RESTRICTOR PER WSDOT STD PLAN B-10.40-02 AS MODIFIED IN THESE PLANS.
3. SET RISER, ORIFICE SIZES AND ELEVATIONS AND ELEVATIONS PER THE TABLE ABOVE.
4. ALL ORIFICES ARE CIRCULAR WITH HORIZONTAL ORIENTATION ON BOTTOM OR DOWNTURNED ELBOW.
5. ORIFICE ELEVATION NUMBER INDICATES INVERT ELEVATION FOR ELBOW RESTRICTOR.
6. ORIFICE ELEVATION OF 'BOTTOM' INDICATES ORIFICE IS ON BOTTOM OF FLOW CONTROL TEE.

RISER AND ORIFICE CONFIGURATION
DETAIL 3 / C40.10
NO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED ########## | DRAWN ########## | CHECKED C. MITCHELL | APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C40.06
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FONTAINE — STATE OF WASHINGTON — 46158 — REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

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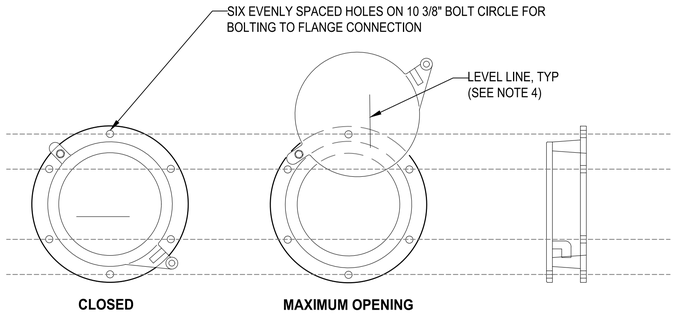
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

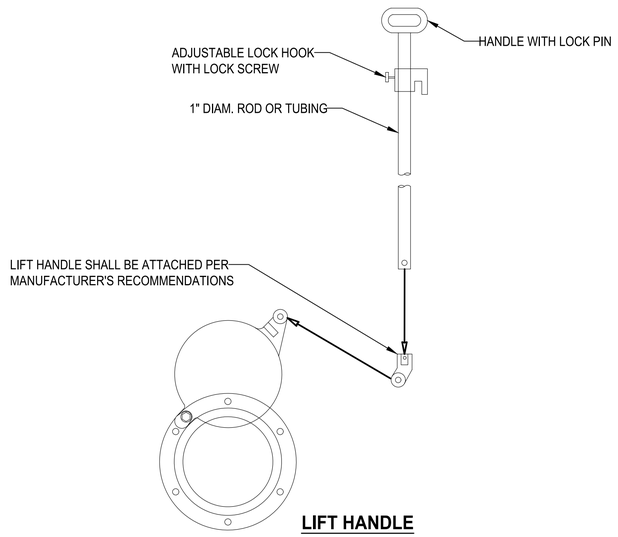
SURFACE WATER MANAGEMENT DETAILS 3

DRAWING NO. 48 OF 239
C40.10

LAYOUT: C40.10 PATH: C:\Users\CWitzel\DCACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:44:51 AM



FRONT **SIDE**

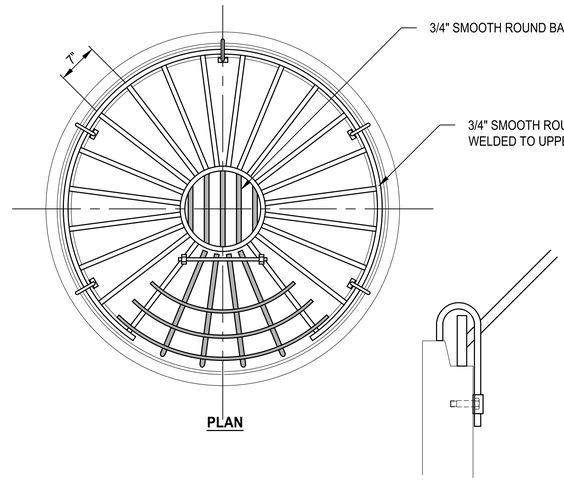


LIFT HANDLE

NOTES:

1. THE SHEAR GATE SHALL BE MADE OF ALUMINUM ALLOY IN ACCORDANCE WITH ASTM B 26 AND ASTM B 275, DESIGNATION ZG32A; OR CAST IRON IN ACCORDANCE WITH ASTM A 48, CLASS 30B.
2. LIFT ROD HANDLE SHALL EXTEND TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK SHALL BE FASTENED TO FRAME OR UPPER HANDHOLD. THE LIFT HANDLE SHALL BE MADE OF A SIMILAR METAL TO THE GATE (TO PREVENT GALVANIC CORROSION), IT MAY BE OF SOLID ROD OR HOLLOW TUBING, WITH ADJUSTABLE HOOK AS REQUIRED.
3. A NEOPRENE RUBBER GASKET IS REQUIRED BETWEEN THE RISER MOUNTING FLANGE AND THE GATE FLANGE.
4. INSTALL THE GATE SO THAT THE LEVEL-LINE MARK IS LEVEL WHEN THE GATE IS CLOSED.
5. THE SHEAR GATE MAXIMUM OPENING SHALL BE CONTROLLED BY LIMITED HINGE MOVEMENT, A STOP TAB, OR SOME OTHER DEVICE.
6. THE MATING SURFACES OF THE LID AND THE BODY SHALL BE MACHINED FOR PROPER FIT.
7. GATE SHALL BE JOINED TO TEE SECTION BY BOLTING (THROUGH FLANGE), WELDING, OR OTHER SECURE MEANS.
8. ALL SHEAR GATE BOLTS SHALL BE STAINLESS STEEL.
9. ALTERNATIVE SHEAR GATE DESIGNS ARE ACCEPTABLE IF MATERIAL SPECIFICATIONS ARE MET.

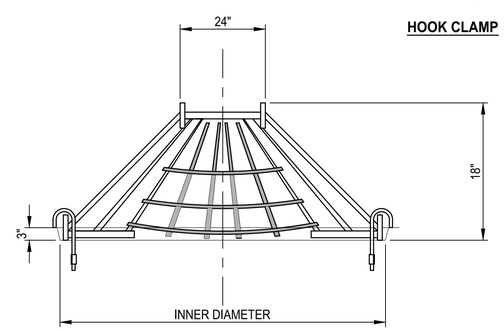
SHEAR GATE DETAIL 1 C40.10
NO SCALE



PLAN

HOOK CLAMP

CB DIA (IN)	INNER DIA (IN)
48	47.5
54	53.5
60	59.5
72	71.5
96	95.5



SECTION

NOTES:

1. DEBRIS BARRIER SHALL BE FABRICATED WITH ALUMINUM 6061 IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 9-28.14(3).

DEBRIS BARRIER DETAIL 2 C40.10
NO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED ######### | DRAWN ######### | CHECKED C. MITCHELL | APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C40.06
JOB No. 553-1578-155
DATE AUGUST 2025

STATE OF WASHINGTON MATTHEW M. FONTAINE 46158 REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
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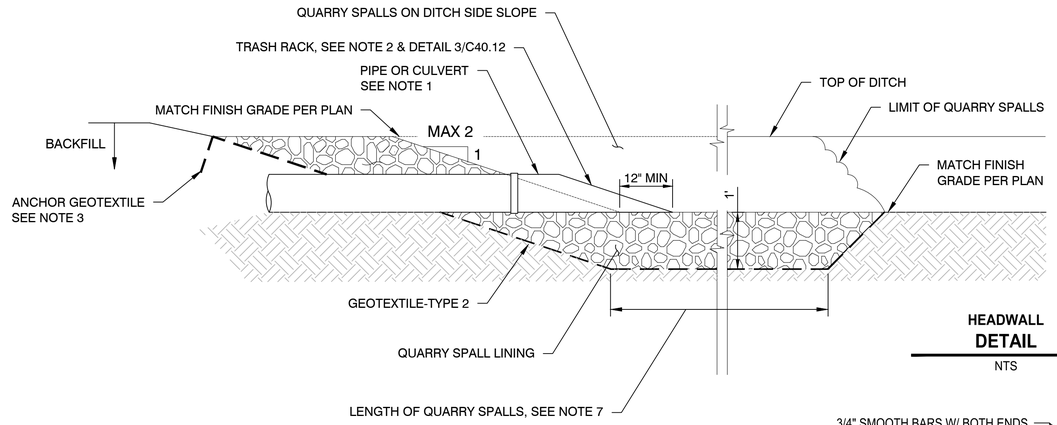
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SURFACE WATER MANAGEMENT DETAILS 4

DRAWING NO. 49 OF 239
C40.11

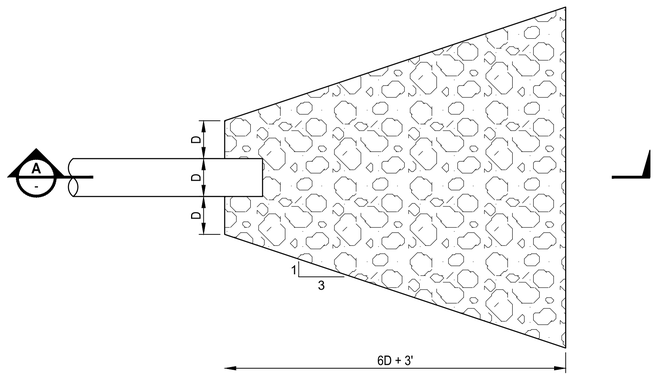
LAYOUT: C40.11 PATH: C:\Users\CWitzel\DOCACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:44:56 AM



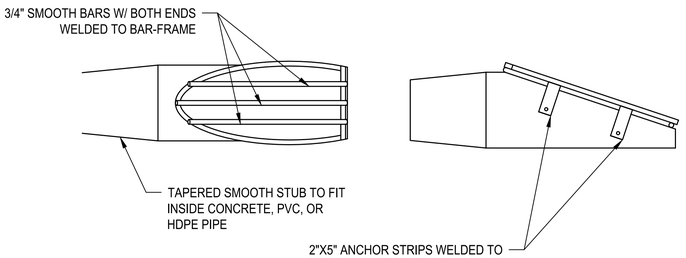
NOTES:

1. INSTALL QUARRY SPALL HEADWALLS AT CULVERT INLETS UNLESS OTHERWISE NOTES IN DRAWINGS. QUARRY SPALL HEADWALLS NOT REQUIRED FOR DITCHES LINED WITH ASPHALT OR CDF.
2. INSTALL TRASH RACK ON CULVERT INLET PER DETAIL 3/C40.12.
3. ANCHOR GEOTEXTILE-TYPE 2 TO A MINIMUM DEPTH OF 12 INCHES.
4. SET PIPE INVERT AND OUTLET TO MATCH FINISH GRADE
5. QUARRY SPALLS TO BE USED FOR INLET AND OUTLET PROTECTION UNLESS OTHERWISE NOTED ON PLANS.
6. WIDTH OF QUARRY SPALLS SHALL EXTEND ALONG DITCH BOTTOM AND TO 1 FOOT ABOVE PIPE CROWN.
7. LENGTH OF QUARRY SPALLS SHALL BE 3' FEET OR 3 TIMES THE PIPE DIAMETER, WHICHEVER IS GREATER.

HEADWALL DETAIL 1 VAR
NTS



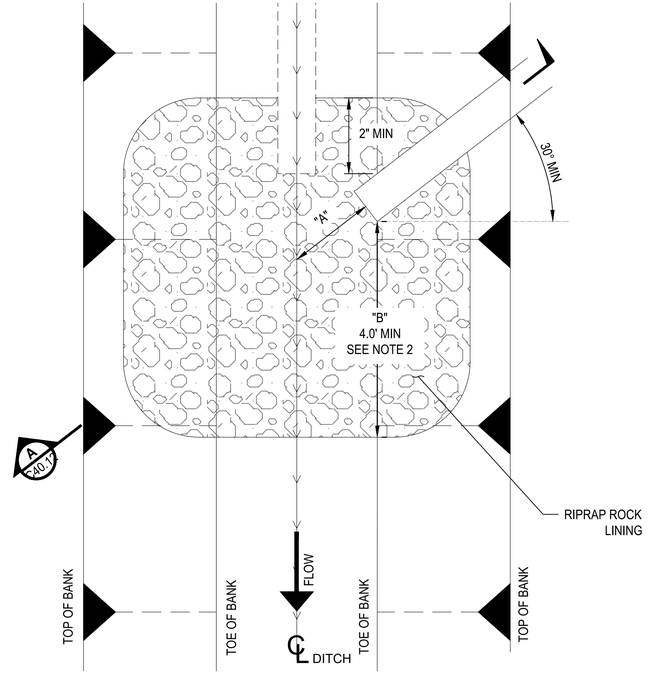
PLAN



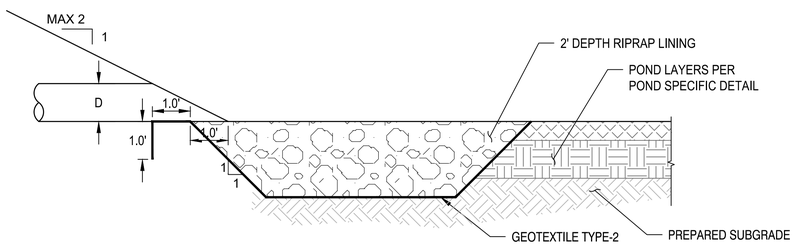
NOTES:

1. TRASH RACK SHALL BE FABRICATED WITH ALUMINUM 6061 IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 9-28.14(3).

TRASH RACK DETAIL 3 VAR
NO SCALE

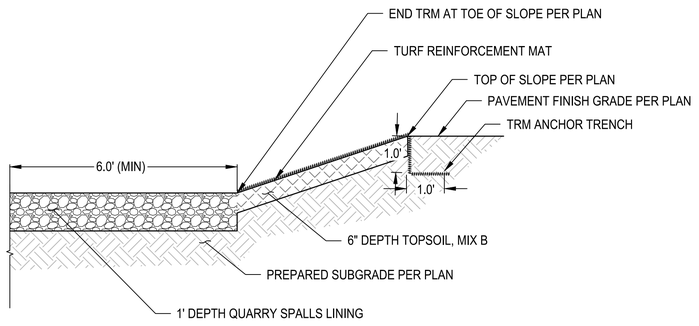


PLAN

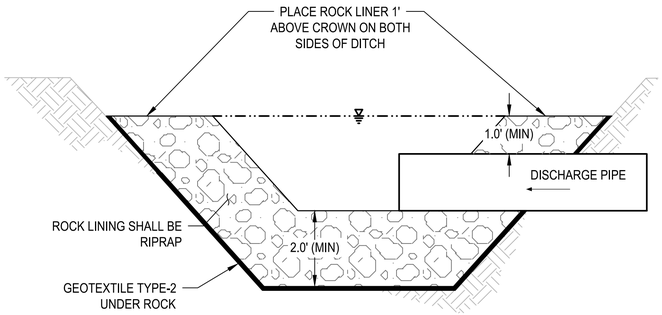


SECTION A

POND INLET PIPE PROTECTION DETAIL 2 VAR
NO SCALE



SPILLWAY ENERGY DISSIPATION DETAIL 4 VAR
NO SCALE



SECTION A

NOTES:

1. AT A MINIMUM, ALL OUTFALLS SHALL BE PROVIDED WITH A ROCK SPLASH PAD
2. SUM OF "A" AND "B" MEASUREMENTS MUST BE AT LEAST 12.0' FOR RIPRAP LINING.

OUTFALL PROTECTION DETAIL 5 VAR
NTS

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED #########
DRAWN #########
CHECKED C. MITCHELL
APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C40.06
JOB No. 553-1578-155
DATE AUGUST 2025

MATTHEW M. FONTAINE — STATE OF WASHINGTON — 46158 — REGISTERED PROFESSIONAL ENGINEER
August 16, 2024

KITSAP COUNTY — DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
TEL:(360) 337-5777 FAX:(360) 337-4867

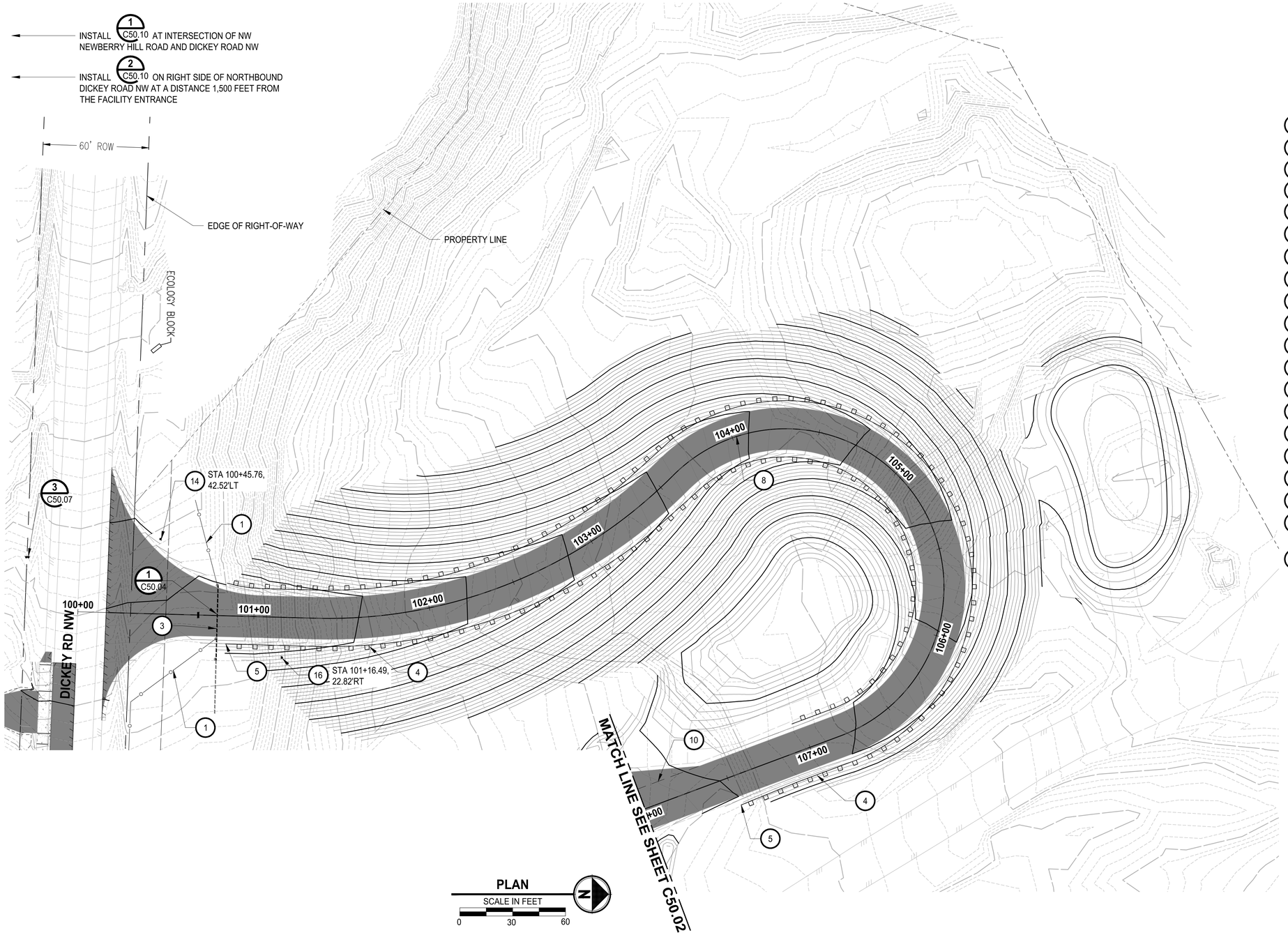
HERRERA Science + Planning + Design
herrerainc.com

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SURFACE WATER MANAGEMENT DETAILS 5

DRAWING NO. 50 OF 239
C40.12

LAYOUT: C40.12 PATH: C:\Users\CWitzel\DOCACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 8:45:11 AM



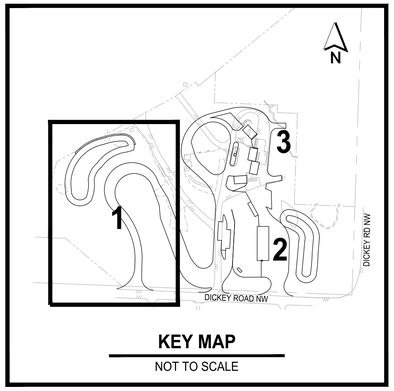
PLAN
SCALE IN FEET
0 30 60

GENERAL NOTES:

1. VINYL-COATED CHAINLINK FENCE AND GATES SHALL BE BLACK.
2. CONTRACTOR TO REMOVE ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED MARKINGS.
3. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES:

1. VINYL-COATED CHAIN LINK 6' FENCE TYPE 3 FENCE PER WSDOT STD PLAN L-20.10-03
2. VINYL- COATED DOUBLE 14' CHAIN LINK GATE PER WSDOT PLAN L-30.10-02
3. VINYL-COAT SINGLE CANTILEVERED SLIDING GATE WITH 30'-0" OPENING, SEE DETAILS
4. BEAM GUARDRAIL TYPE 31 PER WSDOT STD PLAN C-20.10-08 — 1 C50.04, 2 C50.04
5. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL PER WSDOT STD PLAN C-22.45-06
6. BEAM GUARDRAIL TYPE 31 ANCHOR TYPE 11 PER WSDOT STD PLAN C-23.70-00
7. 4" YELLOW SOLID PAINT LINE PER WSDOT STD PLAN M-20.10-04
8. 4" DOUBLE YELLOW SOLID PAINT LINE PER WSDOT STD PLAN M-20.10-04
9. 4" WHITE SOLID PAINT LINE PER WSDOT STD PLAN M-20.10-04
10. 4" WHITE DASHED PAINT LINE PER WSDOT STD PLAN M-20.10-04
11. 18" WIDE WHITE PLASTIC STOP LINE
12. WHITE PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
13. ACCESSIBLE PARKING SYMBOL, SEE DETAIL 11 C50.09
14. STOP SIGN, SEE DETAIL 6 C50.09
15. YIELD SIGN, SEE DETAIL 5 C50.09
16. SPEED LIMIT SIGN, SEE DETAIL 7 C50.09
17. RESERVED PARKING SIGN, SEE DETAIL 8 C50.09
18. SURFACE MOUNTED FLEXIBLE GUIDE POST TYPE YY PER WSDOT STD PLAN M-40.10-03
19. SAFETY YELLOW 100% RECYCLED HDPE PLASTIC WHEEL STOP 70.5" LONG X 5.75" WIDE BY 4" TALL WITH TWO 18" BY $\frac{5}{8}$" DIA. GALVANIZED STEEL SPIKES.
20. PARKING SPACE LAYOUT PER WSDOT STD PLAN M-17.10-02



KEY MAP
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN C. PHANG
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C50.01
JOB No. 553-1578-155
DATE AUGUST 2025

EARL R. HUFNAGEL — STATE OF WASHINGTON — 21642 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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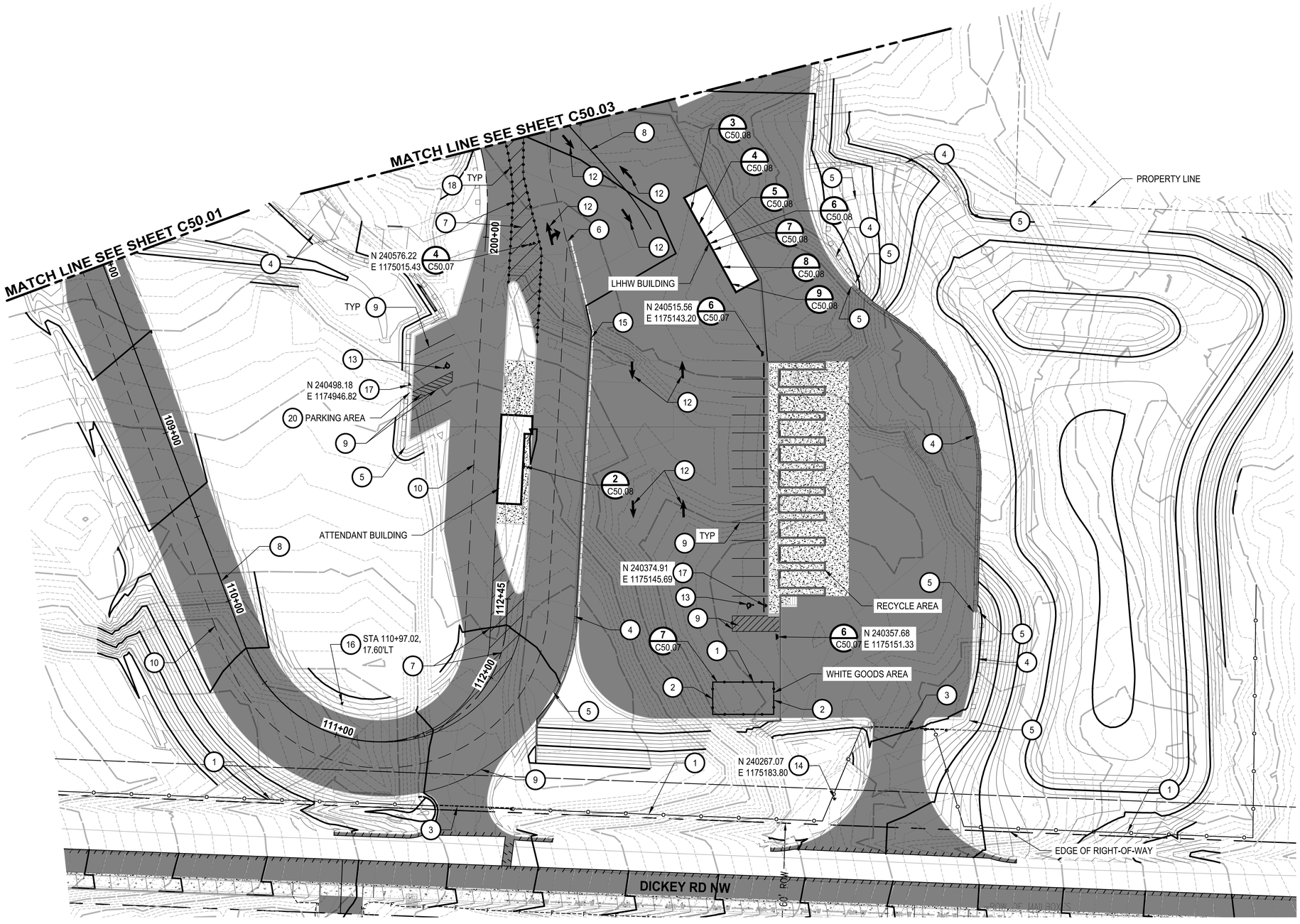
Parametrix
719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FENCING, STRIPING, AND SIGNAGE PLAN - 1

DRAWING NO. 51 OF 239
C50.01

LAYOUT: C50.01 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CAD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:52:35 PM



PLAN

SCALE IN FEET

0 30 60

GENERAL NOTES:

1. VINYL-COATED CHAINLINK FENCE AND GATES SHALL BE BLACK.
2. CONTRACTOR TO REMOVE ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED MARKINGS.
3. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES:

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5. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL PER WSDOT STD PLAN C-22.45-06
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12. WHITE PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
13. ACCESSIBLE PARKING SYMBOL, SEE DETAIL (11 C50.09)
14. STOP SIGN, SEE DETAIL (6 C50.09)
15. YIELD SIGN, SEE DETAIL (5 C50.09)
16. SPEED LIMIT SIGN, SEE DETAIL (7 C50.09)
17. RESERVED PARKING SIGN, SEE DETAIL (8 C50.09)
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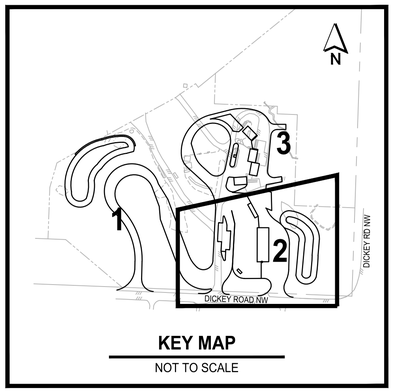
20. PARKING SPACE LAYOUT PER WSDOT STD PLAN M-17.10-02



KEY MAP

NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C50.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARI R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
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Parametrix
719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
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WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

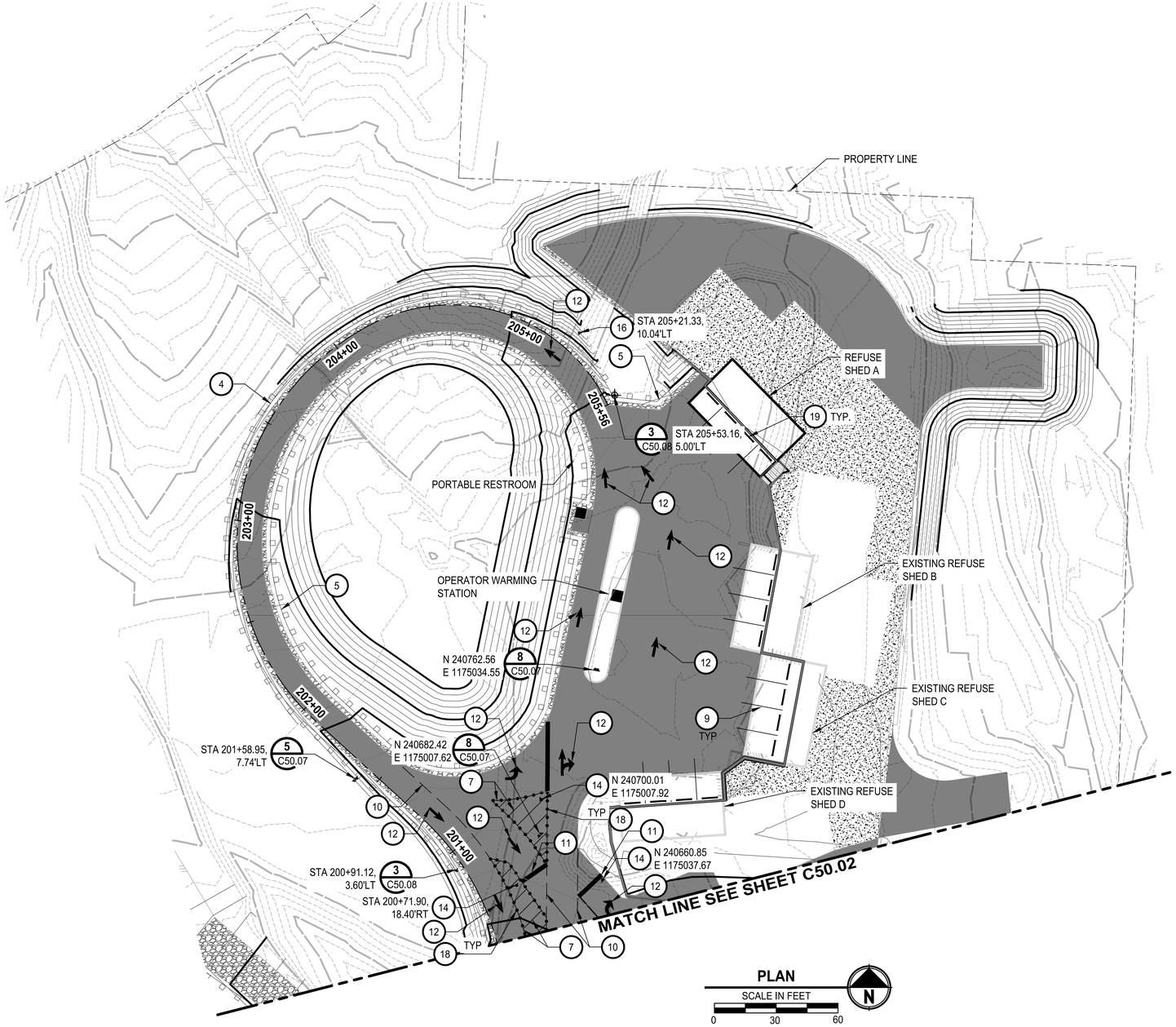
FENCING, STRIPING, AND SIGNAGE PLAN - 2

DRAWING NO. 52 OF 239

C50.02

PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:52:46 PM

LAYOUT: C50.02



PLAN

SCALE IN FEET

0 30 60

GENERAL NOTES:

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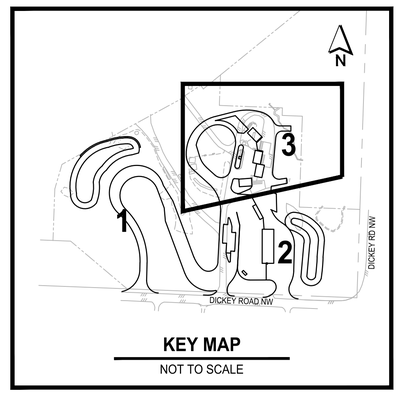


KEY MAP

NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C50.01
JOB No. 553-1578-155
DATE AUGUST 2025

EARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER

8/7/25

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
TEL:(360) 337-5777 FAX:(360) 337-4867

Parametrix
719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

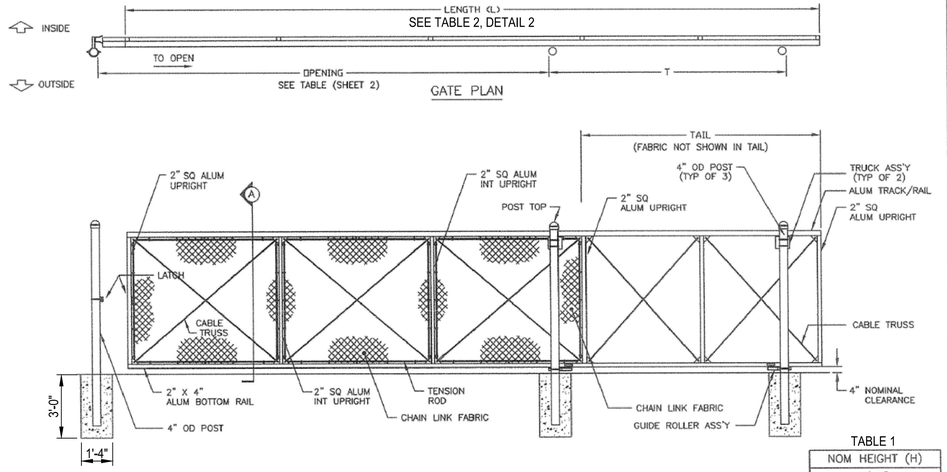
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FENCING, STRIPING, AND SIGNAGE PLAN - 3

DRAWING NO. 53 OF 239

C50.03

LAYOUT: C50.03 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:52:55 PM



GATE ELEVATION – (3) BAYS SHOWN

SEE SHEET #2 FOR SECTIONS & DETAILS

NOTES:

1. FOOTING WIDTH TO BE (4)X POST WIDTH, MIN DEPTH TO BE 36" .
2. GATES ARE MANUALLY OPERATED.
3. KNOX LOCK REQUIRED FOR GATE, KNOX OVERRIDE SYSTEM REQUIRED FOR ELECTRONIC GATES.

TABLE 1

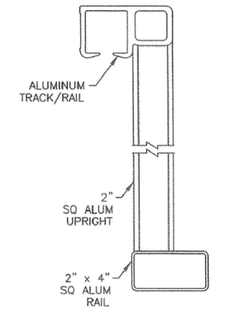
NOM HEIGHT (H)
6'–0"
7'–0"
8'–0"
10'–0"
12'–0"

OPENING
6'–0" THROUGH 30'–0"

MASTER HALCO	MASTER HALCO, INC. PHONE 800–229–5615 WWW.FENCEONLINE.COM	FAST–TRAC® CANTILEVERED SLIDING GATE	DWG: MH–FT–1.0
		ROUND POSTS, W/O BARBED WIRE	BY: TPA DATE: 01–03–08

TABLE 2

OPENING	LENGTH (L)	GATE POSTS (G)
I/S POST FACE TO I/S POST FACE	O/S DIM OF GATE LEAF	O/S POST FACE TO O/S POST FACE
6'–0"	10'–6"	4"–0"
7'–0"	11'–6"	4'–0"
8'–0"	12'–6"	4'–0"
9'–0"	13'–6"	4'–0"
10'–0"	14'–6"	4'–0"
11'–0"	16'–0"	4'–6"
12'–0"	17'–6"	5'–0"
13'–0"	19'–0"	5'–6"
14'–0"	20'–6"	6'–0"
15'–0"	21'–6"	6'–0"
16'–0"	23'–0"	6'–6"
17'–0"	24'–6"	7'–0"
18'–0"	26'–0"	7'–6"
19'–0"	27'–6"	8'–0"
20'–0"	28'–6"	8'–0"
21'–0"	30'–0"	8'–6"
22'–0"	31'–6"	9'–0"
23'–0"	33'–0"	9'–6"
24'–0"	34'–6"	10'–0"
25'–0"	35'–6"	10'–0"
26'–0"	37'–0"	10'–6"
27'–0"	38'–6"	11'–0"
28'–0"	40'–0"	11'–6"
29'–0"	41'–6"	12'–0"
30'–0"	42'–6"	12'–0"



SEC A
(6' THRU 30' OPENINGS)

SEE DETAIL 1 FOR ELEV & PLAN

MASTER HALCO	MASTER HALCO, INC. PHONE 253-872-7260 WWW.FENCEONLINE.COM	FAST–TRAC® CANTILEVERED SLIDING GATE	DWG: MH–FT–1.1
		ROUND POSTS, W/O BARBED WIRE	BY: CAN DATE: 10–22–13

SLIDING GATE DETAIL 1
NO SCALE

SLIDING GATE DETAIL 2
NO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–C50.04
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

KITSAP COUNTY 18 57 WASHINGTON
KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS–26
PORT ORCHARD, WA 98366
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Parametrix
719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

GATE DETAIL

DRAWING NO.
54 OF 239
C50.04

LAYOUT: C50.04 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:53:23 PM

SIGN INVENTORY

SIGN NO.	SIGN TYPE	QTY.	MATERIAL	SUPPLIER	VERBIAGE	MOUNTING METHOD
1	48 X 84	1	0.125		→ SILVERDALE RECYCLING AND GARBAGE FACILITY [PLUS KITSAP CO. LOGO]	DOUBLE POST
2	48 X 84	1	0.125		↑ AHEAD 1500 FT SILVERDALE RECYCLING AND GARBAGE FACILITY [PLUS KITSAP CO. LOGO]	DOUBLE POST
3	48 X 84	1	0.125		← SILVERDALE RECYCLING AND GARBAGE FACILITY [PLUS KITSAP CO. LOGO]	DOUBLE POST
4	60 X 36	1	0.125		→ STAY RIGHT RECYCLE AND HOUSEHOLD HAZARDOUS WASTE DROPOFF ↑ STAY STRAIGHT TRANSFER STATION	DOUBLE POST
5	48 X 36	1	0.125		← TRANSFER STATION AND RECYCLING ↑ EXIT	DOUBLE POST
6–7	48 X 36	2	0.125		RECYCLE HERE CARDBOARD MIXED PAPER NEWSPAPER ALUMINUM CANS TIN CANS PLASTIC BOTTLES GLASS BOTTLES & JARS TEXTILES	DOUBLE POST
8	48 X 36	1	0.125		RECYCLE HERE WASHERS/DRYERS REFRIGERATORS RANGES DISHWASHERS WATER HEATERS FREEZERS NO TELEVISIONS OR ELECTRONIC EQUIPMENT	CHAIN LINK MOUNT

SIGN INVENTORY (PAGE 2)

SIGN NO.	SIGN TYPE	QTY.	MATERIAL	SUPPLIER	VERBIAGE	MOUNTING METHOD
9	24 X 24	1	0.125		SORRY WE'RE CLOSED STATION HOURS THURSDAY–TUESDAY 8:30AM–4:00PM	GATE MOUNT
10	42 X 18	1	0.125		FEES 32 GALLON CAN — $13 FOR FIRST CAN, $5 EACH ADDITIONAL CAN 45 GALLON CAN = 1.5 CANS 64 GALLON CAN = 2 CANS 96 GALLON CAN = 3 CANS GARBAGE–LOOSE — $34.92 PER CUBIC YARD PLUS TAX MATTRESS, BOXSPRING, RECLINER — $14 EACH PLUS TAX SOFA — $29 EACH PLUS TAX SOFA WITH BED OR RECLINER — $45 EACH PLUS TAX ROOFING, DRYWALL — $68 PER CUBIC YARD PLUS TAX LARGE HOUSEHOLD APPLIANCES — $24 EACH PLUS TAX UNSECURED/UNCOVERED LOAD FEE — $10 PER UNSECURED LOAD PAYMENT OPTIONS CASH CHECK MAKE CHECKS PAYABLE TO: KCPW RETURNED CHECKS WILL BE CHARGED A $25 FEE [PLUS KITSAP COUNTY LOGO] KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS	
11	48 X 36	1	0.125		→ TRANSFER STATION	DOUBLE POST
12	30 X 24	1	0.125		← EXIT	SINGLE POST
13	16 X 48	1	0.080		ANTIFREEZE	WALL MOUNT
14	16 X 48	1	0.080		AUTO BATTERIES	WALL MOUNT
15	16 X 48	1	0.080		COMPACT FLUORESCENT LAMPS	WALL MOUNT
16	16 X 48	1	0.080		NEEDLES/SYRINGES	WALL MOUNT

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN C. PHANG
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C50.05
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21808 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SIGNAGE INVENTORY

DRAWING NO. 55 OF 239
C50.05

LAYOUT: C50.05 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:53:28 PM

SIGN INVENTORY (PAGE 3)

SIGN NO.	SIGN TYPE	QTY.	MATERIAL	SUPPLIER	VERBIAGE	MOUNTING METHOD
16	16 X 48	1	0.080		HOUSEHOLD BATTERIES	WALL MOUNT
17	16 X 48	1	0.080		MOTOR OIL	WALL MOUNT

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN C. PHANG
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C50.05
JOB No. 553-1578-155
DATE AUGUST 2025

ERIC R. HUFNAGEL — STATE OF WASHINGTON — 21826 — REGISTERED PROFESSIONAL ENGINEER
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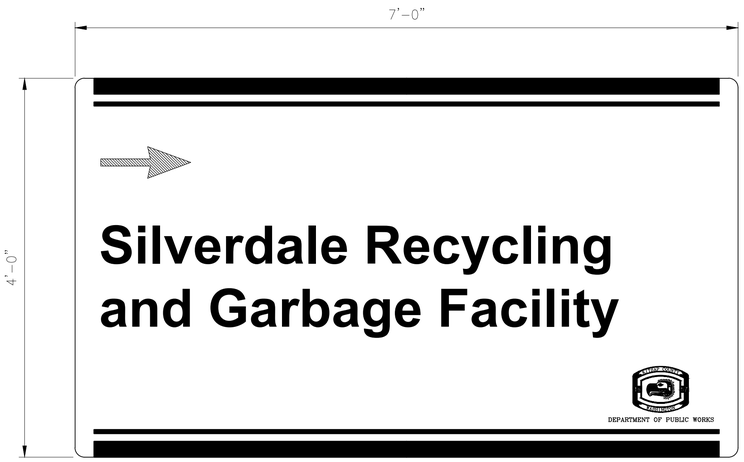
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SIGNAGE INVENTORY

DRAWING NO. 56 OF 239
C50.06

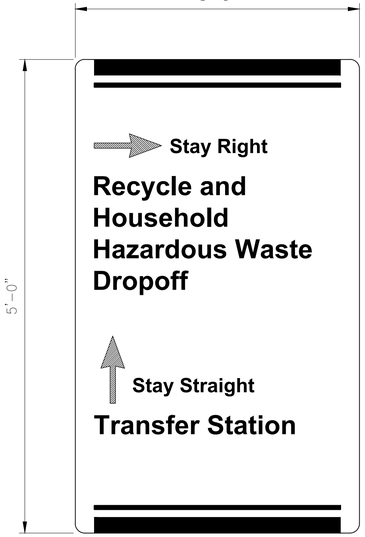
LAYOUT: C50.06 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:53:29 PM



SIGN #1
DETAIL 1
NTS

SIGN #2
DETAIL 2
NTS

SIGN #3
DETAIL 3
NTS



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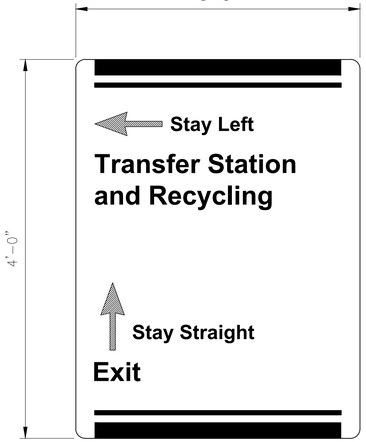

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DETAIL 5
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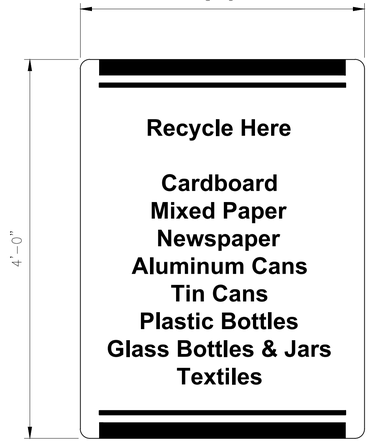
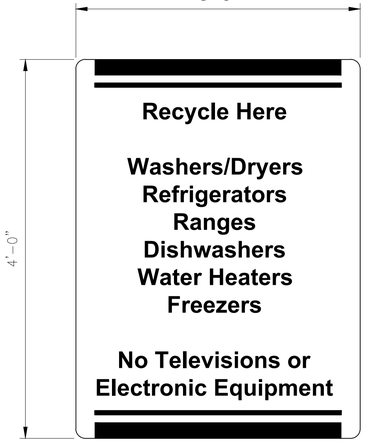


SIGN #6,7
DETAIL 6
NTS



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DETAIL 7
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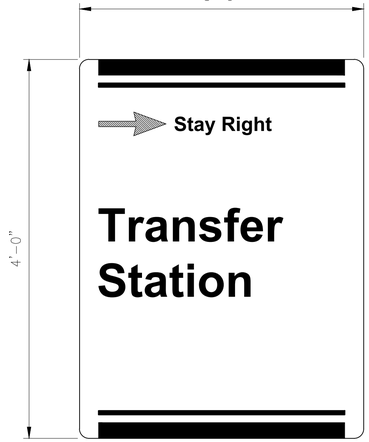

SIGN #11
DETAIL 8
NTS

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN C. PHANG
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C50.05
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21837 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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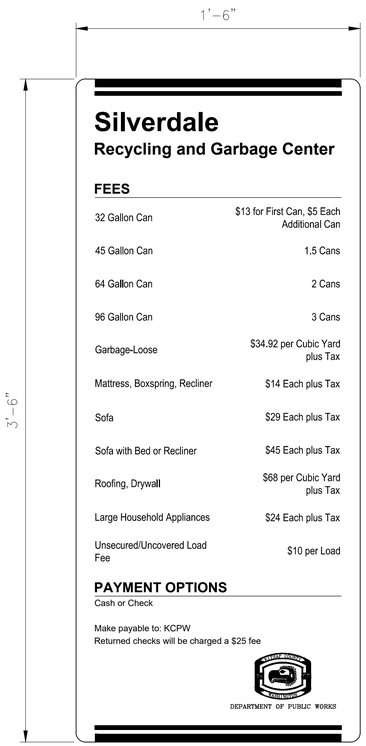
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SIGNING DETAILS

DRAWING NO. 57 OF 239
C50.07

PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:53:35 PM
PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
LAYOUT: C50.07

SIGN #9
DETAIL 1
NTS



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DETAIL 2
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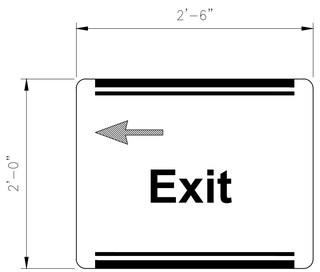

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DETAIL 3
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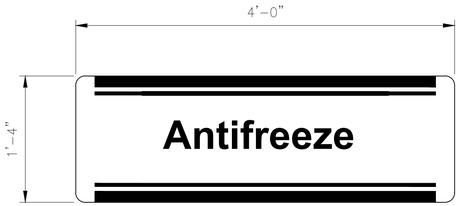

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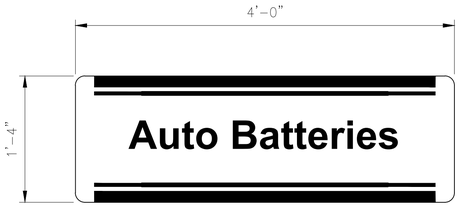
DETAIL 4
NTS



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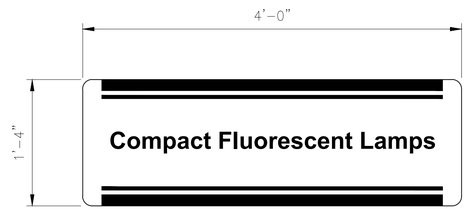

SIGN #15
DETAIL 6
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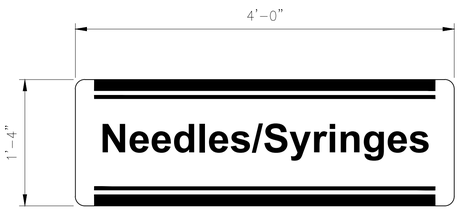

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DETAIL 7
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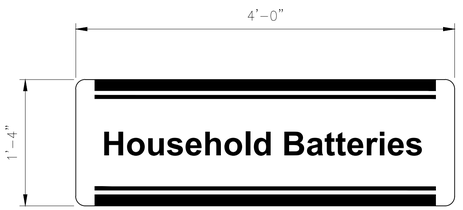
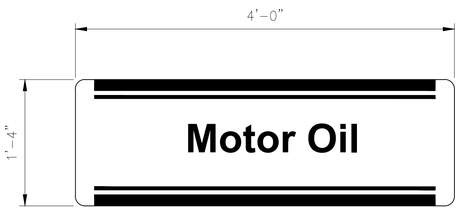


SIGN #15
DETAIL 8
NTS



SIGN #16
DETAIL 9
NTS

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN C. PHANG
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C50.05
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21870 — REGISTERED PROFESSIONAL ENGINEER
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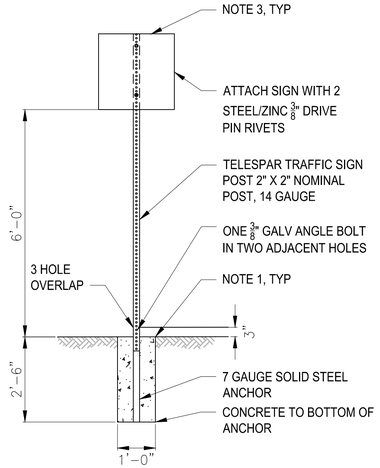
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

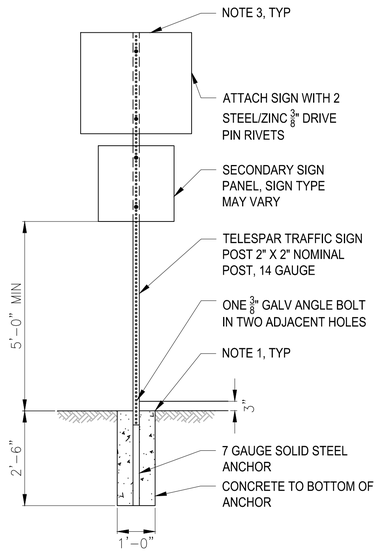
SIGNING DETAILS

DRAWING NO. 58 OF 239
C50.08

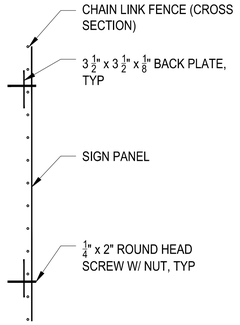
LAYOUT: C50.08 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:53:40 PM



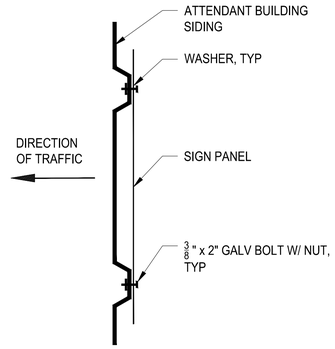
SINGLE POST SIGN MOUNTING
DETAIL 1
SCALE: 1"=2'



DOUBLE PANEL SIGN MOUNTING
DETAIL 2
SCALE: 1"=2'



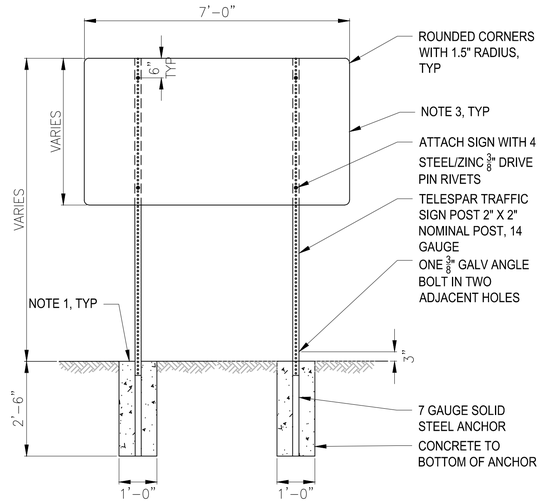
CHAIN LINK MOUNTED SIGN
DETAIL 3
NOT TO SCALE



SIGN MOUNTING ON SIDE OF ATTENDANT BUILDING
DETAIL 4
NOT TO SCALE

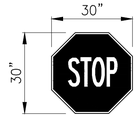
GENERAL NOTES

1. CONCRETE BASES FOR POST MOUNTED SIGNS SHALL BE FLUSH WITH THE FINISHED GROUND LEVEL AND SLOPES TO DRAIN AWAY FROM THE POST.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSTS OF SUFFICIENT LENGTH TO INSTALL EACH SIGN TYPE WITH THE MINIMUM SIGN PANEL ELEVATION NOTED.
3. INSTALL A NYLON WASHER WHEN SECURING SIGN TO POST WHEN SIGN FACE HAS TYPE III, IV, OR IX SHEETING.

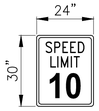


DOUBLE POST SIGN INSTALLATION
DETAIL 9
SCALE: 1"=2'

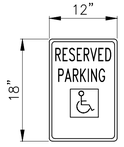
SIGN R1-2
DETAIL 5
NOT TO SCALE



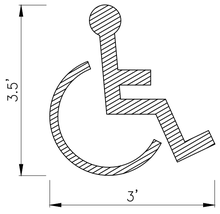
SIGN R1-1
DETAIL 6
NOT TO SCALE



SIGN R2-1
DETAIL 7
NOT TO SCALE



SIGN R7-8
DETAIL 8
NOT TO SCALE



ACCESSIBLE PARKING SYMBOL
DETAIL 10
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN C. PHANG
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C50.05
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21836 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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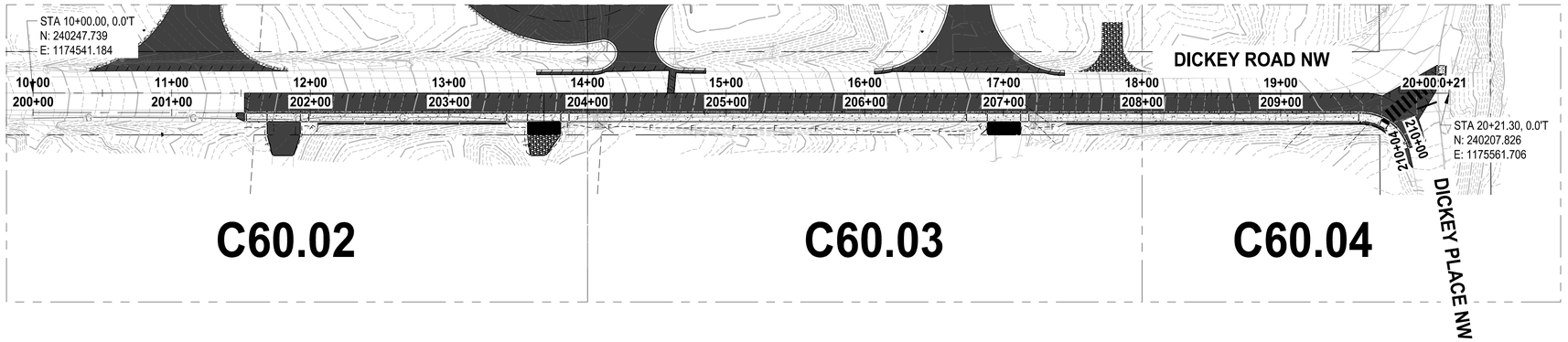
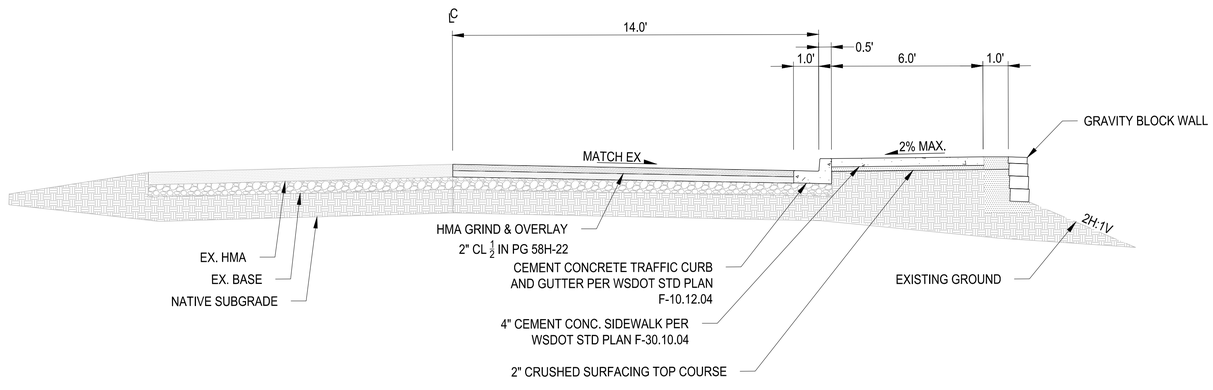
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

SIGNAGE INSTALLATION AND PAVEMENT STRIPING DETAILS

DRAWING NO. 59 OF 239
C50.09

LAYOUT: C50.09 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:53:45 PM





TYPICAL ROADWAY SECTION (1 / C60.01)

SCALE: NTS

LEGEND

- HMA GRIND & OVERLAY
- CEMENT CONC. SIDEWALK
- GRAVITY BLOCK WALL

GENERAL NOTES:

1. COMPLETELY REMOVE ALL BUILDINGS, SHEDS, FENCES, AND OTHER SURFACE OBJECTS WITHIN THE DEMOLITION FOOTPRINT UNLESS OTHERWISE NOTED.
2. EXISTING FEATURES AND UTILITIES ARE BASED ON AVAILABLE INFORMATION AND FIELD SURVEY. ALL FEATURES OR UTILITIES MAY NOT BE LOCATED OR ACCURATELY DEPICTED
3. CONTRACTOR SHALL PROVIDE ALL TEMPORARY FENCING NEEDED FOR SITE SECURITY AND PUBLIC SAFETY.
4. PROPOSED SIDEWALK SHALL BE CONSTRUCTED PRIOR TO FINAL ROADWAY PAVING.

CONSTRUCTION NOTES:

1. HMA GRIND & OVERLAY 2" CL ½ IN PG 58H-22 PER WSDOT STANDARD PLAN.
2. CEMENT CONCRETE TRAFFIC CURB AND GITTER PER WSDOT STD PLAN F-10.12.04
3. CEMENT CONC. SIDEWALK PER WSDOT STD PLAN F-30.10-04
4. INSTALL CROSSWALK AND STOP BAR PER WSDOT STANDARD PLAN M-15.10-02
5. INSTALL PARALLEL CURB RAMP PER WSDOT STANDARD PLAN F-40.12-03
6. INSTALL URBAN RESIDENTIAL APPROACH, SEE FIGURE 4-3 DETAIL ON SHEET C60.08
7. INSTALL GRAVITY BLOCK WALL PER DETAIL 1 / C-60.05
8. PRESERVE AND PROTECT EXISTING HMA PAVEMENT.
9. PRESERVE AND PROTECT UNDERGROUND WATER AND GAS.
10. SAW CUT FULL DEPTH
11. RELOCATE MAILBOXES
12. RELOCATE SIGN

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J.BUTLER
DRAWN J.BUTLER
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C60.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
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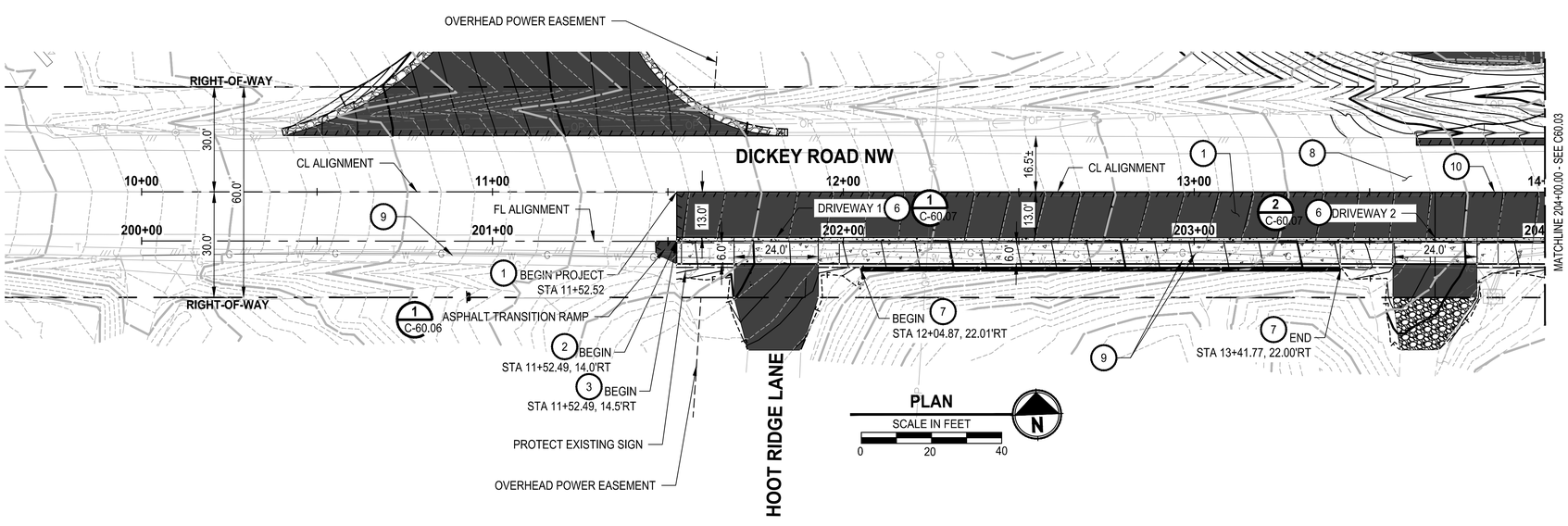
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

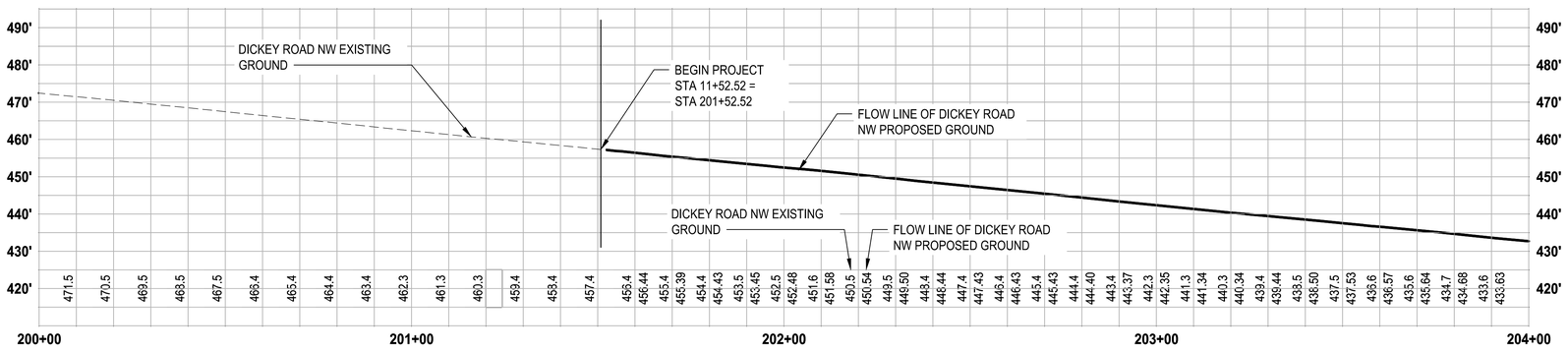
FRONTAGE IMPROVEMENTS COMPOSITE PLAN

DRAWING NO. 60 OF 239

C60.01

LAYOUT: C60.01 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:55:52 PM





PROFILE

HORIZ: 1"=20'
VERT: 1"=20'

LEGEND

- HMA GRIND & OVERLAY
- CEMENT CONC. SIDEWALK
- GRAVITY BLOCK WALL

GENERAL NOTES:

1. COMPLETELY REMOVE ALL BUILDINGS, SHEDS, FENCES, AND OTHER SURFACE OBJECTS WITHIN THE DEMOLITION FOOTPRINT UNLESS OTHERWISE NOTED.
2. EXISTING FEATURES AND UTILITIES ARE BASED ON AVAILABLE INFORMATION AND FIELD SURVEY. ALL FEATURES OR UTILITIES MAY NOT BE LOCATED OR ACCURATELY DEPICTED
3. CONTRACTOR SHALL PROVIDE ALL TEMPORARY FENCING NEEDED FOR SITE SECURITY AND PUBLIC SAFETY.
4. PROPOSED SIDEWALK SHALL BE CONSTRUCTED PRIOR TO FINAL ROADWAY PAVING.

CONSTRUCTION NOTES:

1. HMA GRIND & OVERLAY 2" CL $\frac{1}{2}$ IN PG 58H-22 PER WSDOT STANDARD PLAN.
2. CEMENT CONCRETE TRAFFIC CURB AND GITTER PER WSDOT STD PLAN F-10.12.04
3. CEMENT CONC. SIDEWALK PER WSDOT STD PLAN F-30.10-04
4. INSTALL CROSSWALK AND STOP BAR PER WSDOT STANDARD PLAN M-15.10-02
5. INSTALL PARALLEL CURB RAMP PER WSDOT STANDARD PLAN F-40.12-03
6. INSTALL URBAN RESIDENTIAL APPROACH, SEE FIGURE 4-3 DETAIL ON SHEET C60.08
7. INSTALL GRAVITY BLOCK WALL PER DETAIL 1/C-60.05
8. PRESERVE AND PROTECT EXISTING HMA PAVEMENT.
9. PRESERVE AND PROTECT UNDERGROUND WATER AND GAS.
10. SAW CUT FULL DEPTH
11. RELOCATE MAILBOXES
12. RELOCATE SIGN

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J.BUTLER
DRAWN J.BUTLER
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C60.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

KITSAP COUNTY
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614 DIVISION STREET MS-26
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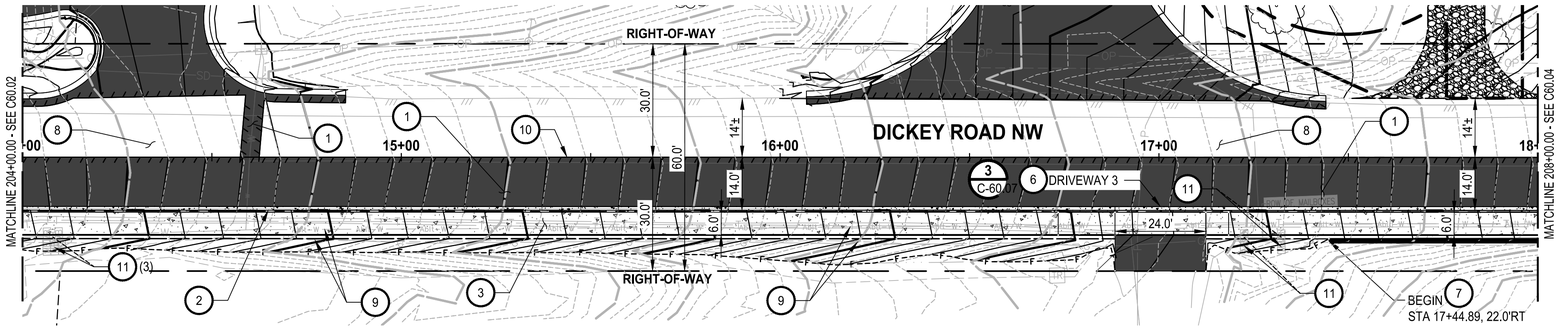
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FRONTAGE IMPROVEMENTS PLAN AND PROFILE

DRAWING NO.
61 OF 239

C60.02

LAYOUT: C60.02 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Monday, July 7, 2025 3:41:27 PM

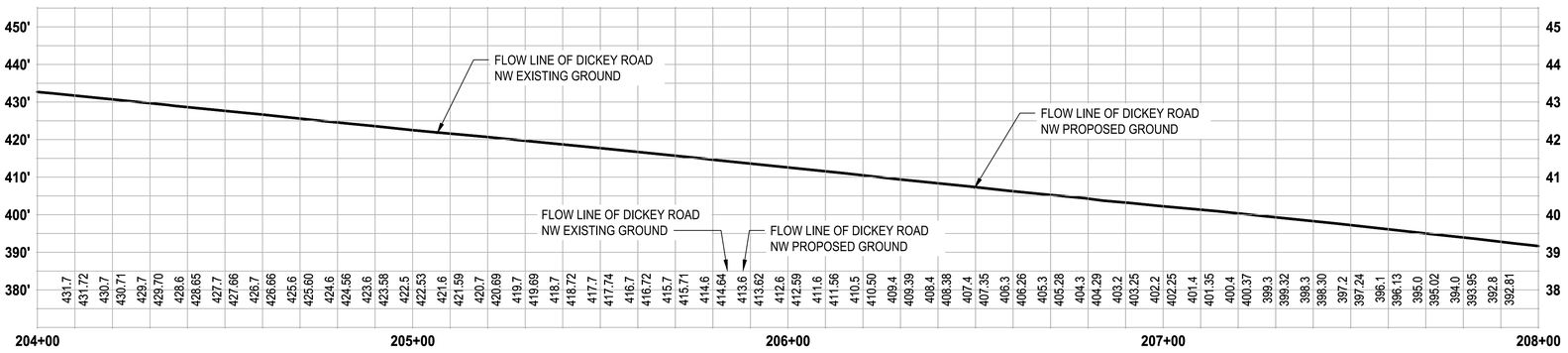


PLAN

SCALE IN FEET

0 20 40

N



PROFILE

HORIZ: 1"=20'
VERT: 1"=20'

LEGEND

- HMA GRIND & OVERLAY
- CEMENT CONC. SIDEWALK
- GRAVITY BLOCK WALL

GENERAL NOTES:

1. COMPLETELY REMOVE ALL BUILDINGS, SHEDS, FENCES, AND OTHER SURFACE OBJECTS WITHIN THE DEMOLITION FOOTPRINT UNLESS OTHERWISE NOTED.
2. EXISTING FEATURES AND UTILITIES ARE BASED ON AVAILABLE INFORMATION AND FIELD SURVEY. ALL FEATURES OR UTILITIES MAY NOT BE LOCATED OR ACCURATELY DEPICTED
3. CONTRACTOR SHALL PROVIDE ALL TEMPORARY FENCING NEEDED FOR SITE SECURITY AND PUBLIC SAFETY.
4. PROPOSED SIDEWALK SHALL BE CONSTRUCTED PRIOR TO FINAL ROADWAY PAVING.

CONSTRUCTION NOTES:

1. HMA GRIND & OVERLAY 2" CL ½ IN PG 58H-22 PER WSDOT STANDARD PLAN.
2. CEMENT CONCRETE TRAFFIC CURB AND GITTER PER WSDOT STD PLAN F-10.12.04
3. CEMENT CONC. SIDEWALK PER WSDOT STD PLAN F-30.10-04
4. INSTALL CROSSWALK AND STOP BAR PER WSDOT STANDARD PLAN M-15.10-02
5. INSTALL PARALLEL CURB RAMP PER WSDOT STANDARD PLAN F-40.12-03
6. INSTALL URBAN RESIDENTIAL APPROACH, SEE FIGURE 4-3 DETAIL ON SHEET C60.08
7. INSTALL GRAVITY BLOCK WALL PER DETAIL 1/C-60.05
8. PRESERVE AND PROTECT EXISTING HMA PAVEMENT.
9. PRESERVE AND PROTECT UNDERGROUND WATER AND GAS.
10. SAW CUT FULL DEPTH
11. RELOCATE MAILBOXES
12. RELOCATE SIGN

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED K. HUFNAGEL
DRAWN J. CERALDE
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C60.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FRONTAGE IMPROVEMENTS PLAN AND PROFILE

DRAWING NO.
62 OF 239

C60.03

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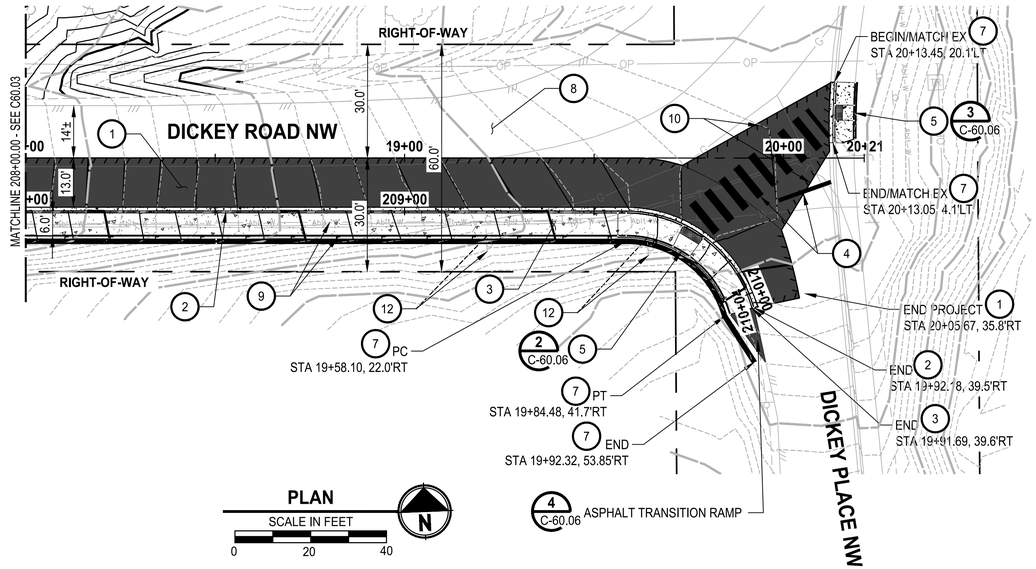

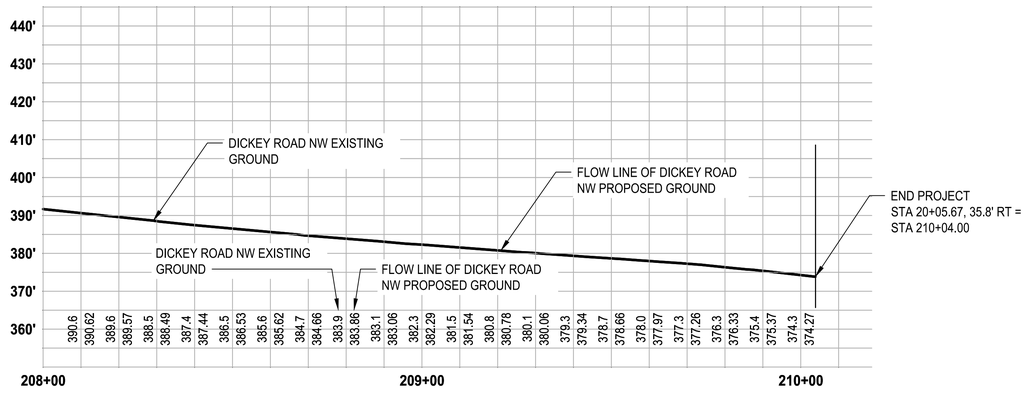

PROFILE

HORIZ: 1"=20'
VERT: 1"=20'

LEGEND

- HMA GRIND & OVERLAY
- CEMENT CONC. SIDEWALK
- GRAVITY BLOCK WALL

GENERAL NOTES:

1. COMPLETELY REMOVE ALL BUILDINGS, SHEDS, FENCES, AND OTHER SURFACE OBJECTS WITHIN THE DEMOLITION FOOTPRINT UNLESS OTHERWISE NOTED.
2. EXISTING FEATURES AND UTILITIES ARE BASED ON AVAILABLE INFORMATION AND FIELD SURVEY. ALL FEATURES OR UTILITIES MAY NOT BE LOCATED OR ACCURATELY DEPICTED
3. CONTRACTOR SHALL PROVIDE ALL TEMPORARY FENCING NEEDED FOR SITE SECURITY AND PUBLIC SAFETY.
4. PROPOSED SIDEWALK SHALL BE CONSTRUCTED PRIOR TO FINAL ROADWAY PAVING.

CONSTRUCTION NOTES:

1. HMA GRIND & OVERLAY 2" CL ½ IN PG 58H-22 PER WSDOT STANDARD PLAN.
2. CEMENT CONCRETE TRAFFIC CURB AND GITTER PER WSDOT STD PLAN F-10.12.04
3. CEMENT CONC. SIDEWALK PER WSDOT STD PLAN F-30.10-04
4. INSTALL CROSSWALK AND STOP BAR PER WSDOT STANDARD PLAN M-15.10-02
5. INSTALL PARALLEL CURB RAMP PER WSDOT STANDARD PLAN F-40.12-03
6. INSTALL URBAN RESIDENTIAL APPROACH, SEE FIGURE 4-3 DETAIL ON SHEET C60.08
7. INSTALL GRAVITY BLOCK WALL PER DETAIL 1 / C-60.05
8. PRESERVE AND PROTECT EXISTING HMA PAVEMENT.
9. PRESERVE AND PROTECT UNDERGROUND WATER AND GAS.
10. SAW CUT FULL DEPTH
11. RELOCATE MAILBOXES
12. RELOCATE SIGN

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J.BUTLER
DRAWN J.BUTLER
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–C60.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21882 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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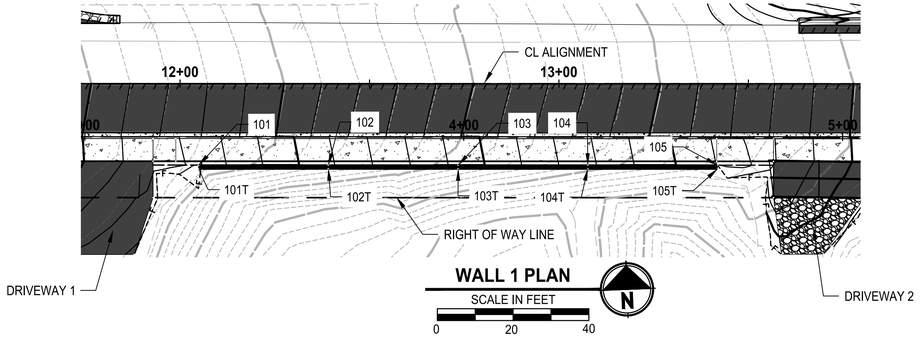
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FRONTAGE IMPROVEMENTS PLAN AND PROFILE

DRAWING NO. 63 OF 239
C60.04

LAYOUT: C60.04 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: SmithNat DATE: Monday, July 7, 2025 4:02:12 PM



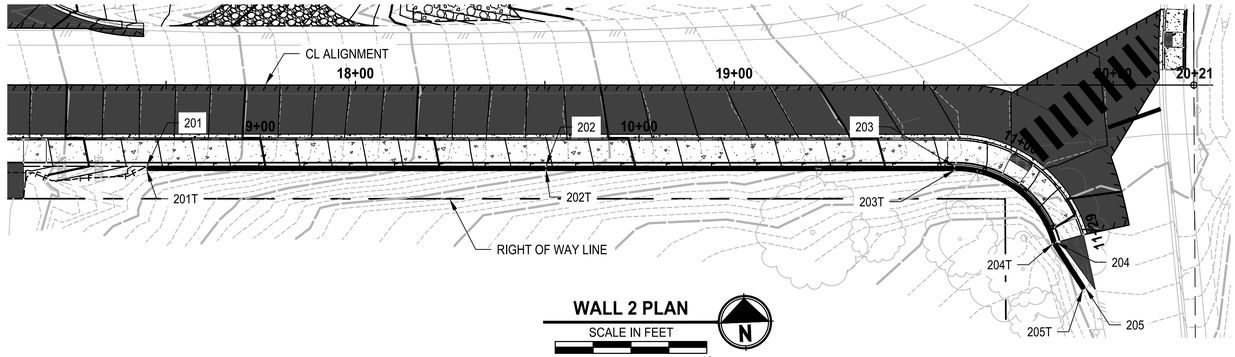
WALL 1 PLAN

SCALE IN FEET

0 20 40

N

WALL 1				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
101T	12+04.87	22.51' RT	451.34	TOE OF WALL
101	12+04.87	21.51' RT	452.71	TOP OF WALL
102T	12+39.13	22.51' RT	447.61	TOE OF WALL
102	12+39.13	21.51' RT	449.17	TOP OF WALL
103T	12+73.38	22.51' RT	443.94	TOE OF WALL
103	12+73.38	21.51' RT	445.73	TOP OF WALL
104T	13+07.63	22.50' RT	440.34	TOE OF WALL
104	13+07.63	21.50' RT	442.23	TOP OF WALL
105T	13+41.88	22.50' RT	437.62	TOE OF WALL
105	13+41.88	21.50' RT	438.97	TOP OF WALL



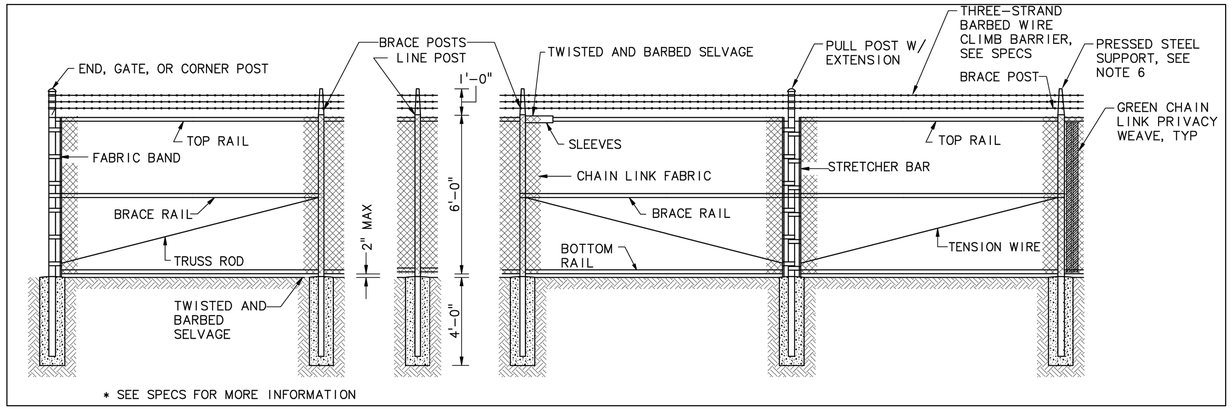
WALL 2 PLAN

SCALE IN FEET

0 20 40

N

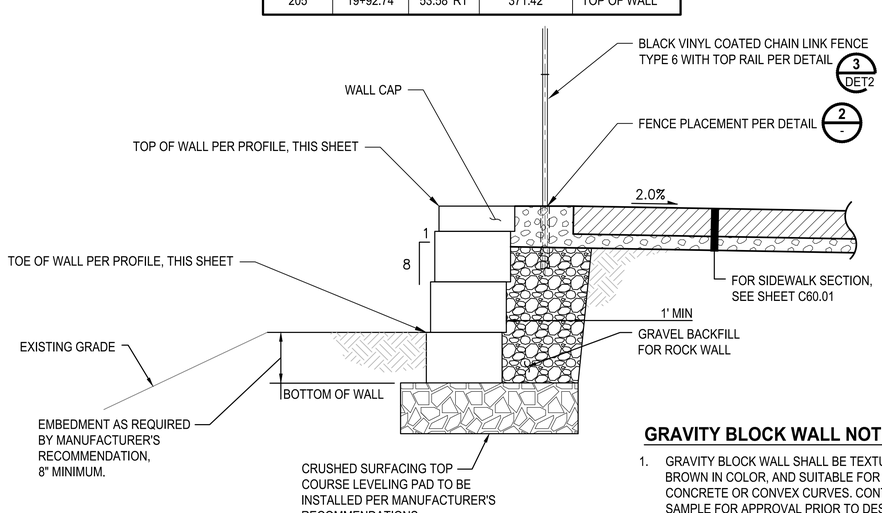
WALL 2				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
201T	17+44.87	22.51' RT	397.49	TOE OF WALL
201	17+44.87	21.51' RT	398.45	TOP OF WALL
202T	18+50.29	22.51' RT	385.94	TOE OF WALL
202	18+50.27	21.51' RT	387.16	TOP OF WALL
203T	19+58.10	22.51' RT	377.65	TOE OF WALL
203	19+58.09	21.51' RT	378.75	TOP OF WALL
204	19+84.94	41.51' RT	374.00	TOP OF WALL
204T	19+84.02	41.92' RT	370.40	TOE OF WALL
205T	19+91.90	54.12' RT	370.99	TOE OF WALL
205	19+92.74	53.58' RT	371.42	TOP OF WALL



BLACK VINYL COATED CHAIN LINK FENCE

DETAIL 2

NO SCALE -



GRAVITY BLOCK WALL

DETAIL 1

NO SCALE -

GRAVITY BLOCK WALL NOTES:

1. GRAVITY BLOCK WALL SHALL BE TEXTURED, GREY OR LIGHT BROWN IN COLOR, AND SUITABLE FOR SMOOTH FLOWING CONCRETE OR CONVEX CURVES. CONTRACTOR TO SUBMIT SAMPLE FOR APPROVAL PRIOR TO DESIGN AND INSTALLATION.
2. GRAVITY BLOCK WALL TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND GUIDELINES.

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED J.BUTLER
DRAWN J.BUTLER
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-C60.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER

8/7/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FRONTAGE IMPROVEMENTS WALL PLAN AND DETAILS

DRAWING NO. 64 OF 239

C60.05

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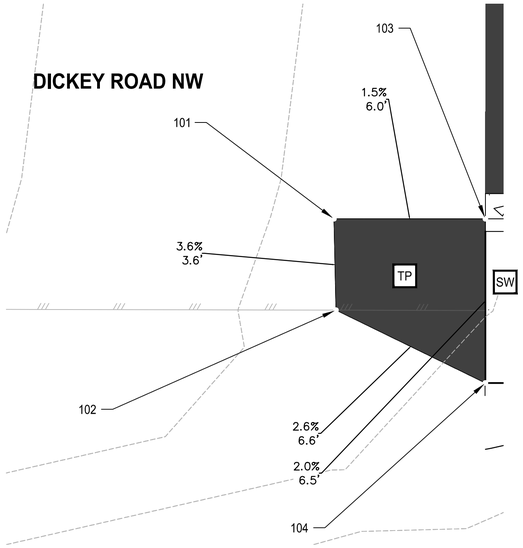
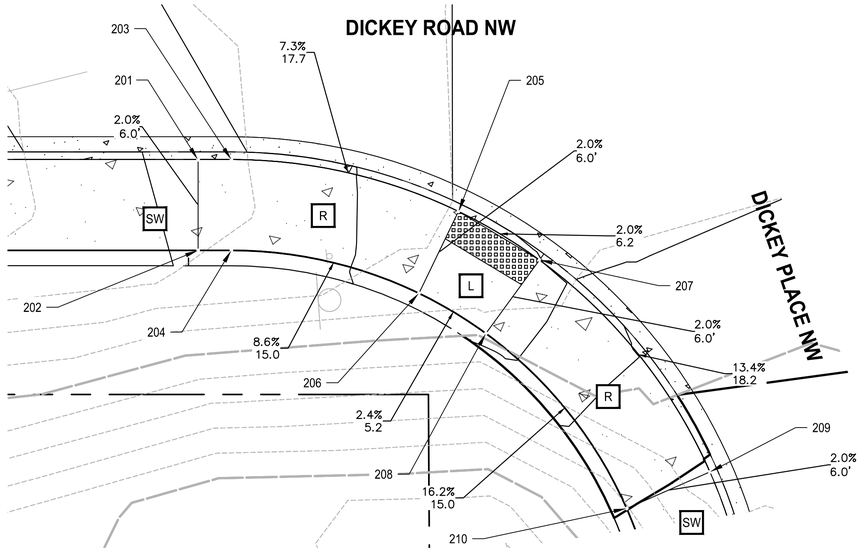


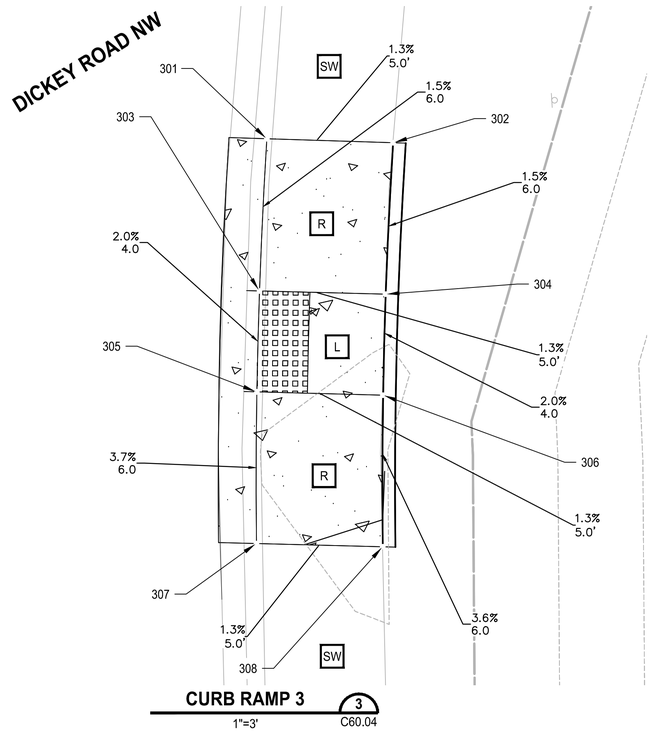
CURB RAMP 1
1"=3' 1 C60.02

CURB RAMP 1				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
101	11+46.49	14.00' RT	457.75	MATCH EX
102	11+46.58	17.62' RT	457.62	EOA, MATCH EX
103	11+52.49	14.00' RT	457.66	FOC
104	11+52.49	20.50' RT	457.79	BOW



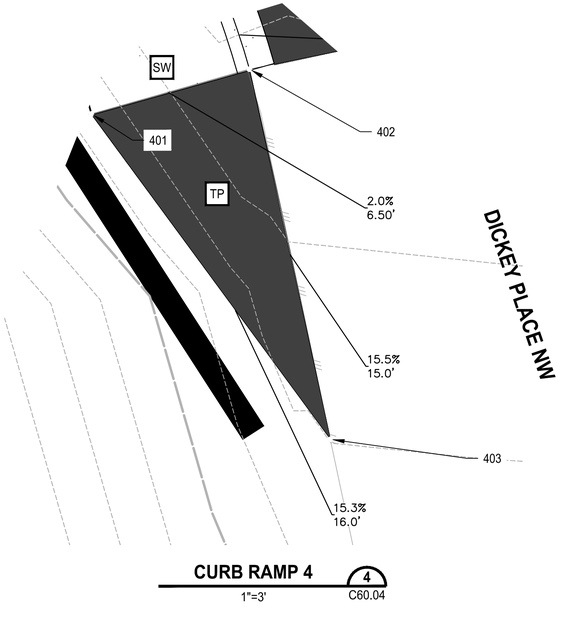
CURB RAMP 2
1"=5' 2 C60.04

CURB RAMP 2				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
201	19+56.29	14.51' RT	378.74	BOR, FOW
202	19+56.29	20.50' RT	378.86	BOR, BOW
203	19+58.49	14.51' RT	378.58	PC, FOW
204	19+58.49	20.50' RT	378.67	PC, BOW
205	19+73.47	17.92' RT	377.44	FOR, FOL
206	19+70.86	23.33' RT	377.56	FOR, BOL
207	19+78.82	21.13' RT	377.32	FOR, FOL
208	19+75.28	25.97' RT	377.41	FOR, BOL
209	19+90.07	35.11' RT	374.89	PT, BOR, FOW
210	19+84.57	37.52' RT	375.01	PT, BOR, BOW



CURB RAMP 3
1"=3' 3 C60.04

CURB RAMP 3				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
301	20+13.95	20.06' LT	375.77	BOR, FOW
302	20+18.95	19.91' LT	375.83	BOR, BOW
303	20+13.66	14.04' LT	375.68	FOR, FOL
304	20+18.65	13.91' LT	375.62	FOR, BOL
305	20+13.56	10.04' LT	375.76	FOR, FOL
306	20+18.55	9.91' LT	375.82	FOR, BOL
307	20+13.54	4.04' LT	375.98	BOR, FOW
308	20+18.54	3.91' LT	376.04	BOR, BOW



CURB RAMP 4
1"=3' 4 C60.04

CURB RAMP 4				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
401	19+85.90	41.23' RT	374.47	BOW
402	19+92.16	39.46' RT	374.34	FOW
403	19+95.37	54.11' RT	372.02	EOA, MATCH EX

GENERAL NOTES:

1. STATIONS AND ELEVATIONS ARE TO FLOWLINE WHERE NOTED.
2. TO SUPPORT THE CONSTRUCTION OF SIDEWALK, CURBS, CURB RAMPS, AND RELATED PROJECT ELEMENTS, TRADITIONAL SURVEY AND STAKING METHODS SHALL BE SUPPLEMENTED IN THE FIELD BY THE CONTRACTOR THROUGH THE USE OF A CONTRACTOR-SUPPLIED 4-FOOT LONG "SMART" LEVEL TO DIGITALLY MEASURE THE SLOPES.
3. RAMP GRADING POINTS REPRESENT ONE METHOD OF MEETING RAMP ADA STANDARDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO ENSURE RAMPS MEET ALL ADA REQUIREMENTS.
4. EXISTING AND PROPOSED UTILITY STRUCTURES ARE SHOWN FOR REFERENCE.
5. SIDEWALK PANELS TO BE REPLACED TO NEXT JOINT.

LEGEND:

AP	ANGLE POINT
BOL	BACK OF LANDING
BOR	BACK OF RAMP
BOW	BACK OF WALK
FL	FLOWLINE
FOL	FRONT OF LANDING
FOR	FRONT OF RAMP
FOW	FRONT OF WALK
MATCH EX	MATCH EXISTING

R - RAMP

L - LANDING

SW - SIDEWALK

CW - CROSSWALK

TP -ASPHALT TRANSITION PANEL

DETECTABLE WARNING SURFACE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. BUTLER
DRAWN J. BUTLER
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE
IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C60.01
JOB No. 553-1578-155
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KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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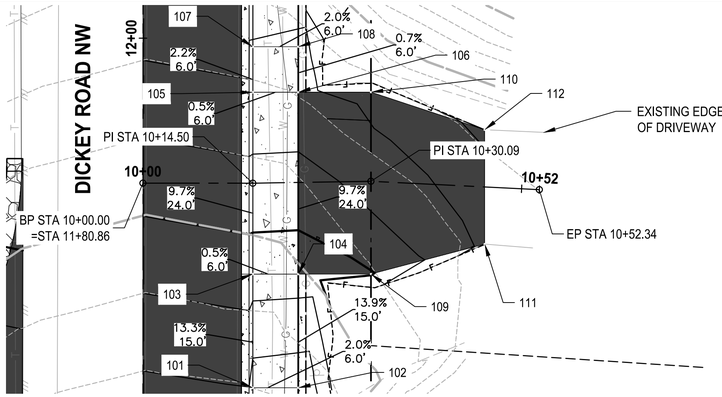
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FRONTAGE IMPROVEMENTS CURB RAMP DETAILS

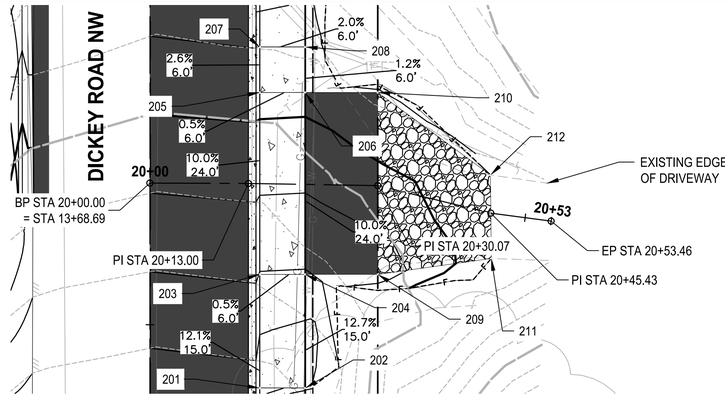
DRAWING NO. 65 OF 239

C60.06

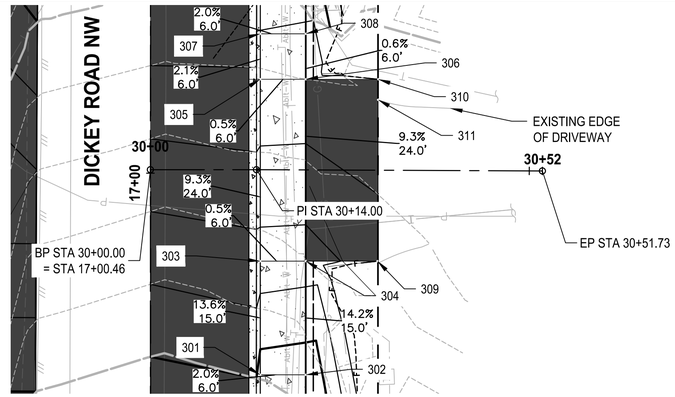
LAYOUT: C60.06 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 6:58:42 PM



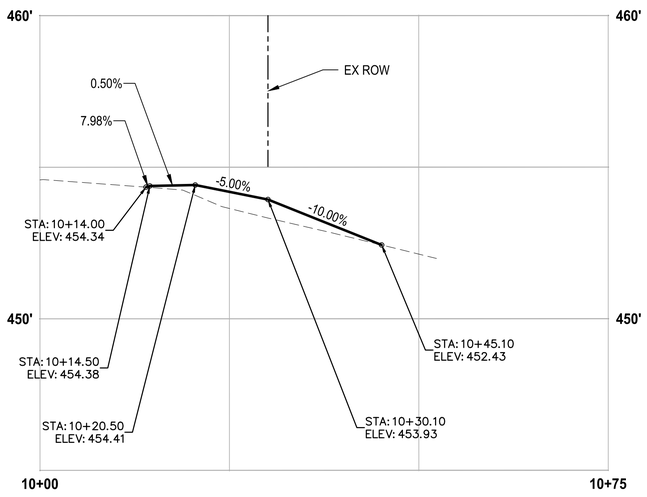
DRIVEWAY 1
1"=10'
1 C60.02

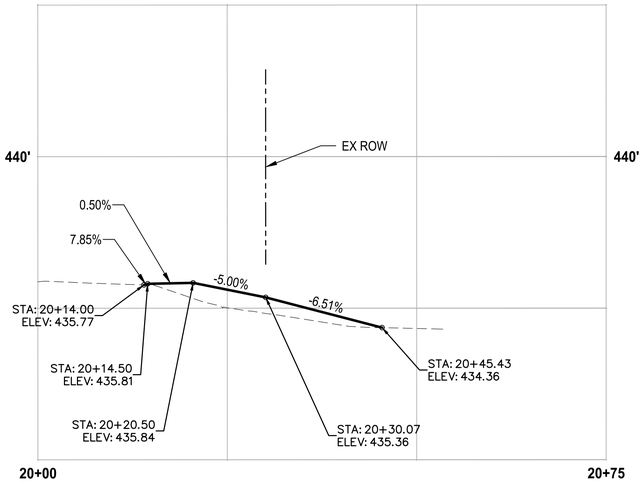


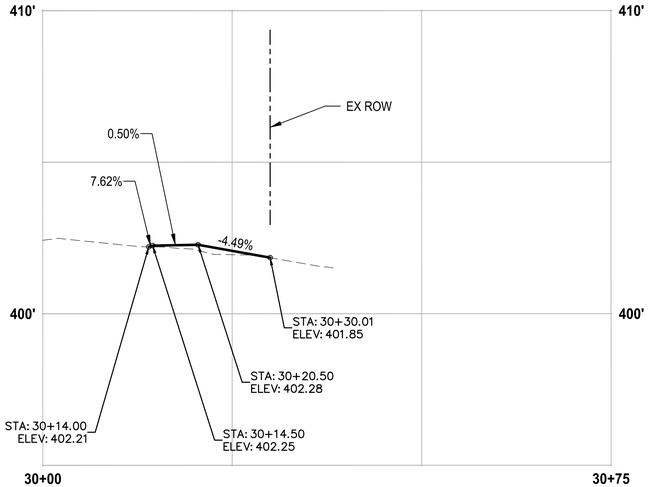
DRIVEWAY 2
1"=10'
2 C60.02



DRIVEWAY 3
1"=10'
3 C60.02







DRIVEWAY 1				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
101	10+14.50	27.00' RT	457.52	BOR, FOW
102	10+20.06	27.09' RT	457.64	BOR, BOW
103	10+14.50	12.00' RT	455.53	FOR, FOW
104	10+20.30	12.09' RT	455.56	FOR, BOW
105	10+14.70	12.00' LT	453.21	FOR, FOW
106	10+20.70	11.91' LT	453.08	FOR, BOW
107	10+14.79	18.00' LT	453.08	BOR, FOW
108	10+20.79	17.91' LT	453.20	BOR, BOW
109	10+30.70	12.22' RT	455.08	AP, EX ROW
110	10+30.09	11.76' LT	452.76	AP, EX ROW
111	10+45.48	7.54' RT	452.80	EOA, MATCH EX

GENERAL NOTES:

1. RADIUS CALLOUTS ARE AT FACE OF CURB OR EDGE OF PAVEMENT.
2. TO SUPPORT THE CONSTRUCTION OF SIDEWALK, CURBS, CURB RAMPS, AND RELATED PROJECT ELEMENTS, TRADITIONAL SURVEY AND STAKING METHODS SHALL BE SUPPLEMENTED IN THE FIELD BY THE CONTRACTOR THROUGH THE USE OF A CONTRACTOR-SUPPLIED 4-FOOT LONG "SMART" LEVEL TO DIGITALLY MEASURE THE SLOPES.
3. RAMP GRADING POINTS REPRESENT ONE METHOD OF MEETING RAMP ADA STANDARDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO ENSURE RAMPS MEET ALL ADA REQUIREMENTS.
4. EXISTING AND PROPOSED UTILITY STRUCTURES ARE SHOWN FOR REFERENCE.

DRIVEWAY 2				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
112	???	??? ???T	451.80	EOA, MATCH EX
201	20+14.94	26.97' RT	438.85	BOR, FOW
202	20+20.94	26.87' RT	438.97	BOR, BOW
203	20+14.69	11.97' RT	437.04	FOR, FOW
204	20+20.69	11.88' RT	437.07	FOR, BOW
205	20+14.30	12.02' LT	434.61	FOR, FOW
206	20+20.30	12.12' LT	434.68	FOR, BOW
207	20+14.20	18.02' LT	434.49	BOR, FOW
208	20+20.20	18.12' LT	434.61	BOR, BOW
209	20+32.85	11.39' RT	436.59	AP, EX ROW
210	20+29.87	12.28' LT	434.20	AP, EX ROW
211	20+46.27	5.92' RT	434.13	MATCH EX
212	20+44.19	4.89' LT	433.99	MATCH EX

ABBREVIATIONS:

BOL	BACK OF LANDING
BOR	BACK OF RAMP
BOW	BACK OF WALK
EOA	EDGE OF ASPHALT
FL	FLOWLINE
FOL	FRONT OF LANDING
FOR	FRONT OF RAMP
FOW	FRONT OF WALK
MATCH EX	MATCH EXISTING

DRIVEWAY 3				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
301	30+14.61	27.06' RT	405.46	BOR, FOW
302	30+20.61	27.04' RT	405.58	BOR, BOW
303	30+14.55	12.07' RT	403.42	FOR, FOW
304	30+20.55	12.04' RT	403.45	FOR, BOW
305	30+14.45	11.93' LT	401.18	FOR, FOW
306	30+20.45	11.96' LT	401.20	FOR, BOW
307	30+14.42	17.93' LT	401.05	BOR, FOW
308	30+20.42	17.96' LT	401.17	BOR, BOW
309	30+30.01	12.00' RT	402.53	MATCH EX
310	30+30.01	12.00' LT	401.19	MATCH EX
311	30+30.01	9.29' LT	401.33	MATCH EX

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED J.BUTLER
DRAWN J.BUTLER
CHECKED D. MOORE
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-C60.01
JOB No. 553-1578-155
DATE AUGUST 2025

KARL R. HUFNAGEL — STATE OF WASHINGTON — 21835 — REGISTERED PROFESSIONAL ENGINEER
8/7/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FRONTAGE IMPROVEMENTS DRIVEWAY DETAILS

DRAWING NO. 66 OF 239

C60.07

LAYOUT: C60.07 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CAD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Monday, July 7, 2025 4:13:58 PM

LAYOUT: C60.08 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 7:03:17 PM

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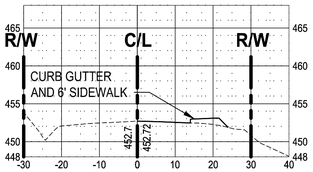

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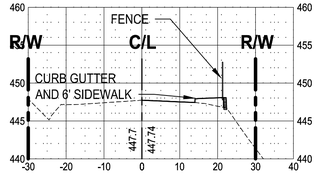

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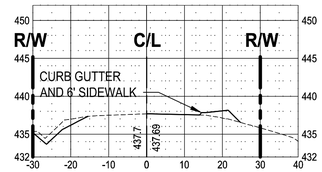

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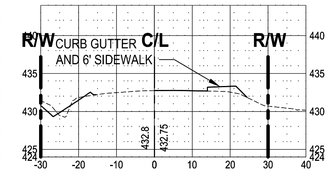

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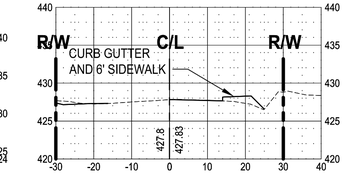

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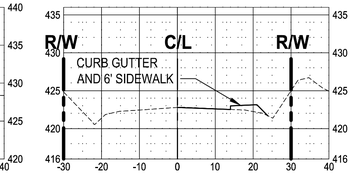

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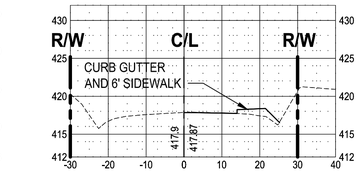

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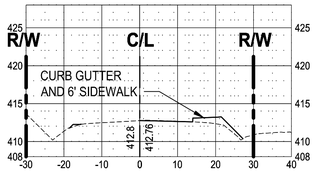

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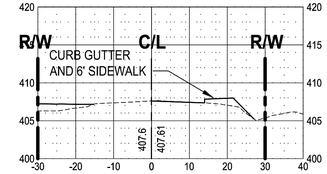

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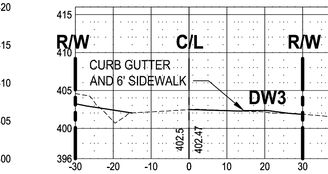

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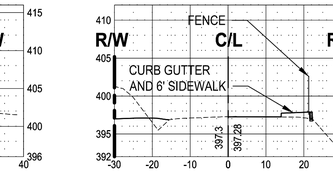

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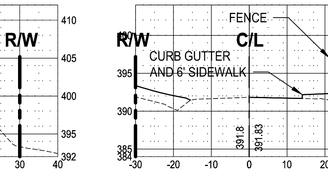

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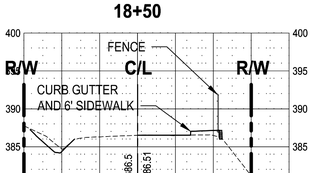

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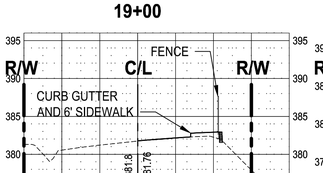

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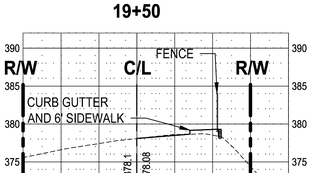

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J.BUTLER
DRAWN J.BUTLER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

FRONTAGE IMPROVEMENTS SECTIONS

DRAWING NO.
67 OF 239
C60.08

STRUCTURAL GENERAL NOTES

TYPICAL DETAILS AND THESE NOTES SHALL APPLY UNLESS NOTED OTHERWISE ON THE DRAWINGS.

USE OF DRAWINGS

USE OF DRAWINGS AND COORDINATION: USE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ARCHITECTURAL, CIVIL, MECHANICAL AND OTHER DRAWINGS FOR BIDDING AND CONSTRUCTION. COORDINATE WORK AND VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY BETWEEN TRADES. NOTIFY OWNER'S REPRESENTATIVE OF DISCREPANCIES PRIOR TO CONSTRUCTION.

DESIGN AND CONSTRUCTION CRITERIA

GOVERNING BUILDING CODE: DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION. THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS REFERENCED BY THE BUILDING CODE. IN CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

PRIMARY REFERENCE STANDARDS:
ASCE MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-16

ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS

ICC INTERNATIONAL CODE COUNCIL

DESIGN LOADS:
IN ADDITION TO THE DEAD LOADS, THE FOLLOWING LOADS WERE USED FOR DESIGN:

LIVE LOADS:
ROOF 20 PSF
HANDRAILS/ GUARDS 50 PLF OR 200 LBS
STORAGE (LIGHT/HEAVY) 125/250 PSF

SNOW LOAD:
ROOF SNOW LOAD - 25 PSF, PER BUILDING OFFICIAL
SNOW DRIFT LOADS PER ASCE 7, SECTION 7.7.

WIND LOADS FOR THE MAIN WIND FORCE-RESISTING SYSTEMS:
DIRECTIONAL PROCEDURE - ALL HEIGHTS METHOD
DESIGN WIND SPEED, Vult - **97** MPH,
Vasd - **75** MPH
COMPONENTS & CLADDING WIND PRESSURES, SEE DIAGRAMS

SEISMIC LOAD:
EQUIVALENT LATERAL FORCE PROCEDURE
MAPPED SPECTRAL RESPONSE ACCELERATION, Ss – **1.481**
MAPPED SPECTRAL RESPONSE ACCELERATION, S1 – **0.527**
LONG PERIOD TRANSITION, TL – **6**
SITE CLASS – **C**
RISK CATEGORY – **II**

REFUSE BUILDING:
RISK CATEGORY - **II**
EXPOSURE CATEGORY – **B**, ALL FACES UON
WIND DIRECTIONALITY FACTOR, Kd – 0.85
TOPOGRAPHIC FACTOR, Kzt – **1.00**
ENCLOSURE CATEGORY –**PARTIALLY ENCLOSED**
INTERNAL PRESSURE COEFFICIENT, ± **0.55**
COMPONENTS & CLADDING WIND PRESSURES, SEE DIAGRAMS ON S20.05
DESIGN WIND BASE SHEAR – **16.8**KIPS/**28**KIPS

SEISMIC LOAD RESISTING SYSTEM - **ORDINARY STEEL BRACED FRAME/ORDINARY STEEL MOMENT FRAME**
RESPONSE MODIFICATION COEFFICIENT, R – **3.25**
SEISMIC IMPORTANCE FACTOR, Ie – **1.0**
DIAPHRAGM TYPE – **FLEXIBLE**
DESIGN SPECTRAL RESPONSE ACCELERATION, Sds – **1.185**
DESIGN SPECTRAL RESPONSE ACCELERATION, Sd1 – **0.517**
SEISMIC DESIGN CATEGORY – **D**
SEISMIC RESPONSE COEFFICIENT, Cs – **0.365**
DESIGN SEISMIC BASE SHEAR – **15.2** KIPS

LHHW BUILDING:
RISK CATEGORY - **II**
EXPOSURE CATEGORY – **B**, ALL FACES UON
WIND DIRECTIONALITY FACTOR, Kd – 0.85
TOPOGRAPHIC FACTOR, Kzt – **1.00**
ENCLOSURE CATEGORY –**PARTIALLY ENCLOSED**
INTERNAL PRESSURE COEFFICIENT, ± **0.55**
COMPONENTS & CLADDING WIND PRESSURES, SEE DIAGRAMS
DESIGN WIND BASE SHEAR – **28**KIPS/**16.8**KIPS

SEISMIC LOAD RESISTING SYSTEM - **ORDINARY STEEL BRACED FRAME / ORINDARY STEEL MOMENT FRAME**
RESPONSE MODIFICATION COEFFICIENT, R – **3.25**
SEISMIC IMPORTANCE FACTOR, Ie – **1.0**
DIAPHRAGM TYPE – **FLEXIBLE**
DESIGN SPECTRAL RESPONSE ACCELERATION, Sds – **1.185**
DESIGN SPECTRAL RESPONSE ACCELERATION, Sd1 – **0.517**
SEISMIC DESIGN CATEGORY – **D**
SEISMIC RESPONSE COEFFICIENT, Cs – **0.365**
DESIGN SEISMIC BASE SHEAR – **10.1** KIPS

SEE TABLE FOR ADDITIONAL SEISMIC PARAMETERS:

SEISMIC PARAMETER TABLE

BUILDING	SEISMIC LOAD RESISTING SYSTEM	RESPONSE MODIFICATION COEFFICIENT, R	OVERSTRENGTH FACTOR, Ωo	DEFLECTION AMPLIFICATION FACTOR, Cd	SEISMIC RESPONSE COEFFICIENT, Cs	DIAPHRAGM TYPE	BASE SHEAR
REFUSE BUILDING S10	ORDINARY STEEL BRACED FRAME/ ORDINARY MOMENT FRAME	3.25	3	3	0.365	FLEXIBLE	15.2 KIPS
LHHW BUILDING S30	ORDINARY STEEL BRACED FRAME/ ORDINARY MOMENT FRAME	3.25	3	3	0.365	FLEXIBLE	10.1 KIPS

DESIGN DEFLECTIONS AND BUILDING MOVEMENT: CONTRACTOR SHALL ALLOW TOLERANCE FOR BUILDING MOVEMENT AND DEFLECTIONS WHEN INSTALLING NON-STRUCTURAL WALLS, EQUIPMENT, AND DISTRIBUTION SYSTEMS PER THE FOLLOWING DESIGN LIMITS:

BEAM AND JOISTS HAVE BEEN DESIGNED FOR THE FOLLOWING MAXIMUM VERTICAL DEFLECTIONS, WHERE "L" IS THE SPAN OF THE BEAM OR JOIST:
LIVE LOAD: L/240
DEAD LOAD + LIVE LOAD: L/180
1/2" VERTICAL MINIMUM

STORY DRIFT:

THE PRIMARY STRUCTURE WILL EXPERIENCE LATERAL MOVEMENTS BETWEEN ADJACENT FLOORS. THE STORY DRIFTS PERPENDICULAR / PARALLEL TO THE PRIMARY STRUCTURE ARE AS FOLLOWS:

LEVELS	SERVICE LEVEL STORY DRIFT	DESIGN STORY DRIFT
ROOF - REFUSE	**0.8"**	**2.5"**
ROOF - LHHW	**0.5"**	**1.5"**

BUILDING ELEMENTS INCLUDING EXTERIOR CLADDING; STAIRS, ELEVATORS, AND MISCELLANEOUS METALS; MECHANICAL/ELECTRICAL/PLUMBING SYSTEM SUPPORTS; INTERIOR PARTION FRAMING; AND ANY OTHER ELEMENTS AS REQUIRED BY THE BUILDING CODE SHALL BE DESIGNED TO ACCOMMODATE THE PRIMARY STRUCTURE STORY DRIFTS WITH ANY APPLICABLE ELEMENT-SPECIFIC MODIFICATIONS PER CHAPTER 13 OF ASCE 7.

SUBMITTALS

SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE OWNER'S REPRESENTATIVE AND ENGINEER-OF-RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION. DIMENSION AND QUANTITY VERIFICATION ARE THE CONTRACTOR'S RESPONSIBILITIES AND ARE NOT REVIEWED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED, EITHER PRIOR TO OR AFTER THE ENGINEER PROCESSES THE SHOP DRAWING SUBMITTALS, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

REQUIRED SUBMITTALS:

REQUIRED SUBMITTALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

BIDDER-DESIGNED SUBMITTALS
LIGHT-GAUGE METAL FRAMING (NOT SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS)
CONCRETE MIX DESIGNS
CONCRETE REINFORCEMENT
STEEL EMBEDMENTS IN CONCRETE
STRUCTURAL STEEL
METAL DECKING
METAL GRATING

BIDDER-DESIGNED SUBMITTALS:

CALCULATIONS AND SHOP DRAWINGS FOR ELEMENTS DESIGNED BY THE CONTRACTOR OR VENDORS SHALL BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER, RETAINED BY THE CONTRACTOR AND REGISTERED IN STATE OF THE PROJECT SITE. SUBMIT THESE DOCUMENTS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION. INCLUDE ALL DESIGN LOAD AND REACTIONS ON OTHER STRUCTURES ON THE DRAWINGS. CALCULATIONS SHALL BE SUBMITTED FOR INFORMATION ONLY AND WILL NOT BE REVIEWED OR RETURNED.BIDDER-DESIGNED SUBMITTALS INCLUDE THE FOLLOWING CONTRACTOR/VENDOR DESIGNED ELEMENTS.

PRE-MANUFACTURED RAILINGS
CLADDING SYSTEM AND ATTACHMENT
PRE MANUFACTURED BUILDINGS

SUBMITTAL ACCEPTANCE: FOLLOWING ACCEPTANCE BY THE ARCHITECT AND ENGINEER AND PRIOR TO FABRICATION, ADDITIONAL TIME FOR REVIEW AND ACCEPTANCE OF SUBMITTAL BY THE BUILDING OFFICIAL IS REQUIRED AND SHALL BE IDENTIFIED AND ALLOWED FOR IN THE CONTRACTOR'S SCHEDULE.

SUBSTITUTIONS: SUBMIT SUBSTITUTION REQUESTS PER THE PROCEDURES IN THE SPECIFICATIONS WITH APPLICABLE ICC REPORTS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO DETAILING, FABRICATION AND ERECTION. ADDITIONAL ENGINEERING CALCULATIONS AND DETAILS, PROVIDED BY A STRUCTURAL ENGINEER LICENSED IN THE PROJECT SITE STATE, MAY BE REQUIRED OF THE CONTRACTOR FOR SUBSTITUTIONS THAT ARE NOT SIMILAR TO THE SPECIFIED PRODUCTS AND CONFIGURATION.

GEOTECHNICAL

REPORT INFO: THE FOUNDATIONS WERE DESIGNED TO THE REQUIREMENTS PROVIDED IN THE PROJECT GEOTECHNICAL REPORT NUMBER 170361-D-01 PREPARED BY ASPECT CONSULTING, DATED FEBRUARY 2, 2022.

SUBGRADE PREP: SUBGRADE PREPARATION INCLUDING DRAINAGE, EXCAVATION, COMPACTION, AND FILLING REQUIREMENTS SHALL CONFORM STRICTLY TO THE CONTRACT DOCUMENTS, THE RECOMMENDATIONS GIVEN IN THE GEOTECHNICAL REPORT, AND AS DIRECTED BY THE GEOTECHNICAL ENGINEER.

BACKFILL: BACKFILL RETAINING WALLS WITH FREE DRAINING GRANULAR FILL AND PROVIDE FOR SUBSURFACE DRAINAGE AS NOTED IN THE GEOTECHNICAL REPORT. DO NOT BACKFILL BEHIND WALLS BEFORE ADJACENT SUPPORTING ELEMENTS ARE COMPLETE AND CURED. ALTERNATIVELY, PROVIDE DESIGN AND CONSTRUCTION OF TEMPORARY BRACING THAT PROTECTS THE WALL AGAINST OVERSTRESS OR MOVEMENT.

FOOTINGS: FOOTINGS SHALL BEAR ON SOLID UNDISTURBED EARTH (CONTROLLED, COMPACTED STRUCTURAL FILL OR BOTH) AT LEAST FROST DEPTH BELOW LOWEST ADJACENT FINISHED GRADE. FOOTING DEPTHS/ELEVATIONS SHOWN ON PLANS AND DETAILS ARE MINIMUM AND FOR GUIDANCE ONLY. ESTABLISH THE ACTUAL BOTTOM-OF-FOOTING ELEVATIONS IN THE FIELD, BASED UPON THE GEOTECHNICAL ENGINEER'S ON-SITE OBSERVATIONS AND ADDITIONAL TESTING, IF REQUIRED, THAT WILL ACHIEVE THE ALLOWABLE DESIGN BEARING PRESSURE.

ALLOWABLE SOIL BEARING PRESSURE – **3,000** PSF (REFUSE BUILDING), **2,500** PSF (LHHW BUILDING)
FROST DEPTH – **18 INCHES**

COEFFICIENT OF FRICTION – **0.45** (FACTOR OF SAFETY= **1.5**)

RETAINING WALLS		
UNRESTRAINED	**35 PCF**	(EQUIVALENT FLUID PRESSURE)
RESTRAINED	**55 PCF**	(EQUIVALENT FLUID PRESSURE)
SEISMIC	**8 PCF**	(EQUIVALENT FLUID PRESSURE)
PASSIVE	**300 PCF**	(EQUIVALENT FLUID PRESSURE)

GEOTECH APPROVAL: THE GEOTECHNICAL ENGINEER SHALL OBSERVE AND APPROVE PREPARED SOIL BEARING SURFACES PRIOR TO PLACEMENT OF REINFORCING STEEL AND CASTING OF FOOTING. THE GEOTECHNICAL ENGINEER OR AN APPROVED TESTING LAB SHALL OBSERVE SOIL COMPACTION WORK.

BEARING SURFACES: VERIFY AND APPROVE THE BEARING SURFACES. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF A GEOTECHNICAL ENGINEER OR QUALIFIED TESTING AGENCY TO APPROVE QUESTIONABLE BEARING SURFACES.

EXCAVATION: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, UNDERPINNING AND PROTECTION OF EXISTING CONSTRUCTION. COMPLY WITH ALL APPLICABLE OSHA AND WISHA REGULATIONS.

COMPACTION: MECHANICALLY COMPACT EXCAVATION BACKFILL IN LAYERS. PROVIDE THE FOLLOWING MINIMUM COMPACTION IN ACCORDANCE WITH THE ASTM D1557 TEST METHOD UNLESS NOTED OTHERWISE IN THE GEOTECHNICAL REPORT:

CONCRETE

MIX DESIGNS: MIX DESIGNS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE AND STRUCTURAL ENGINEER FOR ACCEPTANCE TWO WEEKS PRIOR TO PLACING ANY CONCRETE. THE MAXIMUM WATER-CEMENT RATIO AND SLUMP SHALL BE AS SHOWN IN TABLE I FOR VARIOUS CONCRETE STRENGTHS ($f'c$) BASED ON STANDARD 28-DAY CYLINDER TESTS.

CONCRETE MIX DESIGNS								
AREA	MIN F'c (PSI) 28 DAYS	MAX W/C	ENTRAINED AIR	FLY ASH	MAXIMUM AGGREGATE	EXPOSURE CLASS	REQUIRED ADDITIVES	PERFORMANCE REQUIREMENTS
ALL CONCRETE, UON	4,500	0.45	6%	15-20%	1"	F2	- -	- -
REFUSE & LHHW BLDGS SLABS ON GRADE	5,000	0.40	6%	15-20%	1"	F3	CORROSION INHIBITOR	-
WALLS	4,500	0.45	6%	15-20%	3/4"	F2	- -	- -

REINFORCING STEEL MATERIALS:

DEFORMED BARS ASTM A615, GRADE 60
SPECIAL DUCTILE QUALITY WELDABLE DEFORMED BARS ASTM A706, GRADE 60 LOW ALLOY
SMOOTH WELDED WIRE FABRIC (WWF) ASTM A185 (Fy = **65,000 PSI**)

CONCRETE PROTECTION: COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

FOOTINGS AND OTHER UNFORMED SURFACES, EARTH FACE **3"**
FORMED SURFACES EXPOSED TO EARTH OR WEATHER
#6 BARS OR LARGER **2"**
#5 BARS OR SMALLER **1-1/2"**
COLUMN TIES OR SPIRALS AND BEAM STIRRUPS **1-1/2"**
SLABS AND WALLS (INTERIOR FACE) **1 1/2"**

NON-SHRINK GROUT: NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE MINIMUM 28-DAY GROUT COMPRESSIVE STRENGTH SHALL BE **6000 PSI**, UNLESS NOTED OTHERWISE.

EPOXY LEVELING GROUT: COMPLY WITH ASTM C881 WITH **12,000 PSI** MINIMUM COMPRESSIVE STRENGTH.

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — PROFESSIONAL ENGINEER — STRUCTURAL ENGINEER
3/13/2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED & LHHW BUILDING STRUCTURAL GENERAL NOTES SHEET 1

DRAWING NO. 68 OF 239
S10.01

STRUCTURAL GENERAL NOTES

CONCRETE CONTINUED

AIR CONTENT: AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260 SHALL BE USED IN ALL CONCRETE MIXES FOR WORK THAT IS EXPOSED TO WEATHER. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE END OF THE PLACING HOSE. ENTRAINED AIR SHALL BE AS NOTED +/- 1.5% BY VOLUME.

REINFORCING STEEL DETAILING: REINFORCING STEEL SHALL BE SUPPORTED AS SPECIFIED BY THE PROJECT SPECIFICATIONS AND THE CRSI MANUAL OF STANDARD PRACTICE. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 – DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.

REBAR SPLICES: LAP REINFORCING BARS AS NOTED ON THE DRAWINGS. WHERE SPLICE LENGTH IS NOT SHOWN, USE TYPE 'Ls' SPLICE PER DEVELOPMENT AND SPLICE LENGTH SCHEDULE. MECHANICAL OR WELDED BUTT SPLICES SHALL BE SUBJECT TO STRUCTURAL ENGINEER'S APPROVAL. MECHANICAL SPLICES, WHERE ALLOWED ON THE PLANS, SHALL DEVELOP 125% OF THE SPECIFIED YIELD STRENGTH OF THE SPLICED BARS IN BOTH TENSION AND COMPRESSION.

FIELD BENDING: NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY DETAILED AS SUCH OR APPROVED BY THE STRUCTURAL ENGINEER.

WELDING: REINFORCING BARS SHALL NOT BE WELDED OR TACK WELDED TO OTHER BARS OR TO PLATES, ANGLES, ETC. UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. WELDING SHALL CONFORM TO THE REQUIREMENTS OF AWS DI.4. WELDING SHALL BE DONE BY AWS/**WABO** CERTIFIED WELDERS QUALIFIED FOR WELDS USING APPROVED ELECTRODES.

EXPANSION ANCHORS: EXPANSION ANCHORS INSTALLED INTO CONCRETE SHALL BE HILTI KWIK BOLT TZ, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-1917.

STAINLESS STEEL EXPANSION ANCHORS, WHERE CALLED OUT, INSTALLED INTO CONCRETE SHALL BE HILTI KWIK BOLT TZ, TYPE 316 STAINLESS STEEEL, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-1917.

ADHESIVE ANCHORS AND EPOXIED REINFORCING BARS: PLACEMENT AND CURING SHALL BE CONDUCTED WITH CONCRETE AND AIR TEMPERATURES ABOVE 50 DEGREES. APPLY EPOXY ONLY TO CLEAN, DRY CONCRETE. PROVIDE POSITIVE PROTECTION SO DOWELS ARE NOT DISTURBED DURING THE CURING PERIOD.

ADHESIVE ANCHORS AND REINFORCING BARS SHALL BE EPOXIED INTO CONCRETE WITH HILTI HY-200 ADHESIVE, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-3187. ADHESIVE ANCHOR RODS SHALL BE HILTI HIT-Z THREADED RODS, OR APPROVED EQUIVALENT, UNLESS NOTED OTHERWISE.

STAINLESS STEEL ADHESIVE ANCHORS AND REINFORCING BARS SHALL BE EPOXIED INTO CONCRETE WITH HILTI HY-200 ADHESIVE, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-3187. ADHESIVE ANCHOR RODS SHALL BE ASTM F593 TYPE 316 STAINLESS STEEL THREADED RODS, OR APPROVED EQUIVALENT.

SCREW ANCHORS: CONCRETE HEAVY DUTY SCREW ANCHORS SHALL BE SIMPSON TITEN HD, OR APPROVED EQUIVALENT. THE ANCHOR SHALL BE STAINLESS STEEL TYPE 304, UNLESS INSTALLED INSIDE CONDITIONED SPACES. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR 2713.

POST-INSTALLED DRILLING: HOLES FOR INSTALLING REINFORCING BARS, BOLTS, THREADED RODS AND INSERTS INTO CONCRETE SHALL BE DRILLED BY THE ICC APPROVED DRILLING METHOD FOR THE ANCHOR. CHIP AWAY A SUFFICIENT QUANTITY OF CONCRETE COVER TO LOCATE EXISTING REINFORCING PRIOR TO DRILLING. DO NOT CUT EXISTING REINFORCING.

POWDER-ACTUATED FASTENERS: DRIVE PINS AND OTHER POWDER-ACTUATED FASTENERS SHALL BE STAINLESS STEEL TYPE 304 HILTI LOW VELOCITY TYPES OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR 2269.

SLAB SURFACING: PROVIDE CURING, FINISHING & SEALING OF SLABS PER ACI 302.1 GUIDELINES. PROVIDE **CLASS 1** FLOOR FINISH WITH A FLATNESS/LEVELNESS OF **25/20 (16/13 MIN)**, UNLESS SHOWN ON ARCHITECTURAL DRAWINGS OR OTHERWISE NOTED. PROVIDE CURING USING A LIQUID MEMBRANE-FORMING CURING COMPOUND. PROVIDE A POLYETHYLENE (PLASTIC) FILM WHERE WEATHER/TEMPERATURE CONDITIONS REQUIRE ADDITIONAL PROTECTION FOR CURING.

FINISH	LOCATION
FLOAT	ALL FOOTINGS, UON
TROWEL	TOP OF WALLS, SLAB SURFACES TO BE EXPOSED TO VIEW OR TO RECEIVE RESILIENT FLOORING
TROWEL & NONSLIP BROOM	ALL FINISHED FLOOR SURFACES, UON
FLOAT & NONSLIP BROOM	ALL SLABS NOT RECEIVING TROWEL & NONSLIP BROOM FINISH
FLOAT & TINE	FLOOR AREAS TO RECEIVE COLORED ABRASIVE RESISTANT TOPPING MIX
POLISHED	WHERE INDICATED ON DRAWINGS

SLAB CONTROL JOINTS: PROVIDE CONTROL JOINTS THAT DIVIDE THE SLAB-ON-GRADE INTO RECTANGULAR AREAS OF **225** SF OR LESS WITH LENGTH TO WIDTH RATIOS OF 1.5 OR LESS. SUBMIT JOINT LOCATIONS TO OWNER'S REPRESENTATIVE FOR APPROVAL.

WALL CONTROL JOINTS: PROVIDE VERTICAL CONTROL JOINTS THAT ARE NOT GREATER THAN **20** FEET ON CENTER. LOCATE JOINTS AT REVEALS WHERE INDICATED ON THE ARCHITECTURAL DRAWINGS. SUBMIT JOINT LOCATIONS TO OWNER'S REPRESENTATIVE FOR APPROVAL.

STEEL

STRUCTURAL STEEL MATERIALS:

WIDE FLANGE SHAPES	ASTM A992, Fy = 50 KSI
HOLLOW STRUCTURAL SECTIONS (HSS)	
TUBES	ASTM A500, GRADE B, Fy = 46 KSI
STEEL PIPE	ASTM A53, GRADE B, Fy = 35 KSI
OTHER STEEL SHAPES	ASTM A36, Fy = 36 KSI
STRUCTURAL BOLTS	ASTM F3125 GRADE A325 OR A490, TYPE 1 OR 3
ANCHOR BOLTS	ASTM F1554, GRADE 36
THREADED RODS	ASTM A36
WELDING ELECTRODES	E70XX
DEFORMED BAR ANCHORS (DBA)	ASTM A1064, Fy = 70 KSI
WELDED HEADED STUDS (WHS)	ASTM A108, Fy = 50 KSI
WELDED THREADED STUDS (WTS)	ASTM A108, Fy = 50 KSI

STEEL ROOF DECK :

SECTION PROPERITES: PER TYPICAL DETAILS.

FASTENERS:
DECK FASTENERS SHALL HAVE CAPACITY TO RESIST IBC WIND UPLIFT LOADS AND
SHALL HAVE DIAPHRAGM SHEAR CAPACITY PER TYPICAL DETAILS.

UNLESS OTHERWISE INDICATED, STEEL DECK FASTENERS SHALL BE AS FOLLOWS:
A. SUPPORTS - #12 SELF-DRILLING SCREWS, 4 PER 24" WIDE PANEL, 5 PER 32" WIDE PANEL
B. SIDELAPS - #10 SELF-DRILLING SCREWS @ 12" OC
C. DECK EDGES, PARALLEL TO DECK FLUTES - #12 SELF-DRILLING SCREWS @ 8" OC

MISC STEEL: STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE REQUIREMENTS OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION AIDS AND JOINT PREPARATIONS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES AND OTHER AIDS, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES, AND TAPERS OF UNEQUAL PARTS.

GALVANIZING: STRUCTURAL STEEL, CONNECTIONS, BOLTS, AND FASTENERS IN UNCONDITIONED SPACES SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN COMPLIANCE WITH ASTM A123. GALVANIZE BOLTS AND SIMILAR THREADED FASTENERS EXPOSED TO WEATHER IN ACCORDANCE WITH ASTM A153, CLASS C AND D, AS APPLICABLE. ALL FIELD WELDS EXPOSED TO WEATHER SHALL BE COATED WITH BRUSH APPLIED ZINC-RICH PAINT MINIMUM 4 MILS THICKNESS COMPLYING WITH ASTM A780 (GALVACON OR EQUIVALENT). REPAIR OF DAMAGED OR REMOVED GALVANIZING SHALL BE DONE PER ASTM A780. REPAIR THICKNESS SHALL BE A MINIMUM OF 4 MILS OF DRY FILM THICKNESS.

PAINTING: STRUCTURAL STEEL SHALL BE PRIMED AND PAINTED, IF NOTED ON THE ARCHITECTURAL DRAWINGS OR SPECIFICATIONS. PRIMER SHALL BE THE FABRICATOR'S STANDARD LEAD AND CHROMATE FREE, NON-ASPHALTIC, RUST-INHIBITING PRIMER. STEEL ANCHORS AND TIES AND OTHER MEMBERS EMBEDDED IN CONCRETE OR MASONRY SHALL BE LEFT UNPAINTED.

HIGH-STRENGTH BOLTS: HIGH-STRENGTH BOLTS SHALL BE INSTALLED, TIGHTENED AND INSPECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS. THE CRITERIA FOR SLIP-CRITICAL CLASS A FAYING SURFACE CONNECTIONS SHALL APPLY TO CONNECTIONS UNLESS SPECIFICALLY NOTED AS SNUG TIGHT. SLIP-CRITICAL CONNECTIONS SHALL USE LOAD INDICATOR WASHERS OR TENSION CONTROL BOLTS. BOLT HOLES SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.

MINIMUM CONNECTIONS: MINIMUM CONNECTIONS SHALL BE A TWO-BOLT CONNECTION USING 7/8-INCH DIAMETER GRADE A325 BOLTS IN SINGLE SHEAR.

ANCHOR RODS: ANCHOR RODS SHALL BE HEADED BOLTS EMBEDDED INTO CONCRETE AS SHOWN IN THE DETAILS.

A307 BOLTS: PROVIDE WITH LOCK WASHERS UNDER NUTS OR SELF-LOCKING NUTS. BOLT HOLES SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.

ARCHITECTURALLY EXPOSED STEEL: ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL CONFORM TO THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, SECTION 10. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EXPOSED STEEL.

WELDING: WELDING SHALL BE IN CONFORMANCE WITH AISC AND AWS STANDARDS AND SHALL BE PERFORMED BY AWS/WABO CERTIFIED WELDERS, WHO ARE QUALIFIED FOR THE WELD TYPE THEY PERFORM, USING E70XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY AWS) SHALL BE USED. WELDS SHOWN ON THE DRAWINGS ARE THE MINIMUM SIZE. INCREASE WELD SIZE TO AWS MINIMUM SIZES BASED ON PLATE THICKNESS. MINIMUM WELDING SHALL BE 3/16 INCH. SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS.

PROJECT WELDERS: PROJECT WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH THE WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO) FOR ALL OF THE WELDING POSITIONS NECESSARY TO COMPLETE THE WORK.

ROOF DECK: METAL ROOF DECK SHALL BE TYPE B (WIDE RIB) ROOF DECK OF THE SIZE AND GAUGE SHOWN ON THE PLANS AND DETAILS. DECK FASTENING SHALL BE AS SHOWN ON THE PLANS. THE DECK SHALL CONFORM TO ASTM A1008, GRADE C, D OR E OR ASTM A653, STRUCTURAL QUALITY. ROOF DECK SHALL BE GALVANIZED TO ASTM A924 G90 WHERE DECK IS LEFT PERMANENTLY EXPOSED. IN OTHER AREAS, GALVANIZED COATING SHALL BE GALVANIZED TO ASTM A924 G90.THE MINIMUM END LAP AND BEARING LENGTH SHALL BE 2 INCHES.

DECK GAGE AND SPAN: MINIMUM DECK GAGES SHOWN ARE BASED ON A 3 SPAN CONDITION WITH UNSHORED CONSTRUCTION. THE DECK SUPPLIER SHALL INCREASE DECK GAGES BASED ON ACTUAL DECK LAYOUT AND SPAN CONDITIONS TO PROVIDE THE LOAD CAPACITY SHOWN ON THE DRAWINGS.

STEEL CONT.

MISC CLOSURE PLATES: PROVIDE RIDGE AND VALLEY PLATES, FILLER SHEETS, COLUMN CLOSURE PLATES, CELL CLOSURE PLATES, POUR STOPS AND MISCELLANEOUS LIGHT GAGE METAL SHAPES NECESSARY TO COMPLETE THE WORK. PROVIDE RUBBER CLOSURE IF SHOWN IN THE ARCHITECTURAL DRAWINGS. COORDINATE ALL CLOSURES WITH ELEVATOR, STAIR, ESCALATOR AND OTHER ARCHITECTURAL DETAILS.

DECK WELDING: DECK WELDING SHALL BE IN ACCORDANCE WITH STRUCTURAL WELDING CODE – SHEET STEEL, AWS D1.3. WELDERS SHALL BE QUALIFIED BY WABO LIGHT GAUGE CERTIFICATION.

ROOF DECK FASTENING: ROOF DECK FASTENING SHALL BE PER TYPICAL DETAILS. FASTEN ROOF DECK ALONG ALL LONGITUDINAL, TRANSVERSE AND PERIMETER SUPPORTS. PROVIDE SIDE SEAM WELDS OR BUTTON PUNCHING PER TYPICAL DETAILS ALONG ALL SIDE LAP CONNECTIONS. PROVIDE WELDING WASHERS FOR DECK THICKNESSES **LESS THAN 0.028"**.

DECK PENETRATIONS: COORDINATE ROOF DECK PENETRATIONS WITH THE TRADES THAT REQUIRE THEM. HOLES OR COMBINATIONS OF HOLES SHALL BE LAID OUT SO THAT ONLY ONE DECK RIB IS CUT IN ANY **24" WIDTH** OF DECK THROUGHOUT THE SPAN. LARGER PENETRATIONS OR GROUPS OF PENETRATIONS REQUIRE SUPPLEMENTAL REINFORCING. SEE PLANS FOR DETAILS.

HANGING ELEMENTS: SUSPENDED CEILINGS, LIGHT FIXTURES, PIPES, DUCTS, MECHANICAL OR ELECTRICAL EQUIPMENT OR OTHER UTILITIES SHALL NOT BE SUPPORTED BY THE STEEL DECK.

CLADDING

CLADDING DESIGN: EXTERIOR CLADDING PANELS AND CONNECTIONS SHALL BE DESIGNED BY THE MANUFACTURER FOR THE LOADS AND CONDITIONS SHOWN ON THE PLANS. MANUFACTURER SHALL SUBMIT DETAIL DRAWINGS AND CALCULATIONS BEARING THE STAMP AND SIGNATURE OF A PROFESSIONAL ENGINEER REGISTERED IN THE PROJECT STATE. THE MANUFACTURER'S ENGINEER SHALL BE RESPONSIBLE FOR DESIGN, CODE CONFORMANCE, AND CONNECTION OF EXTERIOR CLADDING PANELS TO BASIC STRUCTURE. THE ENGINEER OF RECORD TAKES NO RESPONSIBILITY FOR PRODUCT DESIGN, MANUFACTURE, DELIVERY AND HANDLING, OR CONNECTION TO BASIC STRUCTURE. SHOP DRAWINGS SHALL BEAR THE REVIEW STAMP OF THE DESIGNING ENGINEER'S FIRM PRIOR TO REVIEW BY THE ENGINEER OF RECORD. REQUIRED BRACING, TIES, ANCHORAGE, DISTRIBUTION MEMBERS, AND SIMILAR ELEMENTS SHALL BE FURNISHED AND INSTALLED IN CONFORMANCE WITH SUBMITTED DRAWINGS AND CALCULATIONS.

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
3/13/2025

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SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED & LHHW BUILDING STRUCTURAL GENERAL NOTES SHEET 1

DRAWING NO.
69 OF 239
S10.02

STATEMENT OF SPECIAL INSPECTION NOTES:

SPECIAL INSPECTIONS SHALL CONFORM TO SECTION 1705 OF THE 2019 IBC, CONTRACT DOCUMENTS AND APPROVED SUBMITTALS. REFER TO SPECIAL INSPECTION AND TESTING TABLES FOR PROJECT REQUIREMENTS.

SPECIAL INSPECTIONS AND ASSOCIATED TESTING SHALL BE PERFORMED BY AN APPROVED ACCREDITED INDEPENDENT AGENCY MEETING THE REQUIREMENTS OF ASTM E329 (MATERIALS). THE INSPECTION AND TESTING AGENCY SHALL FURNISH TO THE STRUCTURAL ENGINEER ARCHITECT A COPY OF THEIR SCOPE OF ACCREDITATION. SPECIAL INSPECTORS SHALL BE APPROVED BY THE BUILDING OFFICIAL. WELDING INSPECTORS SHALL BE QUALIFIED PER SECTION 6.1.4.1(1) OF AWS D1.1.

THE SPECIAL INSPECTOR SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND NOTED IN THE INSPECTION REPORTS.

THE SPECIAL INSPECTOR AND GEOTECHNICAL ENGINEER SHALL FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER, ARCHITECT, CONTRACTOR, AND OWNER. THE SPECIAL INSPECTION AGENCY SHALL SUBMIT A FINAL REPORT STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED AND IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.

QUALITY ASSURANCE (QA) IS REQURIED FOR STRUCTURAL STEEL ITEMS PER AISC 360 AND 341 UNLESS SPECIFICALLY NOTED OTHERWISE. QUALITY CONTROL (QC) TO BE PROVIDED BY THE FABRICATOR, ERECTOR OR OTHER RESPONSIBLE CONTRACTOR AS APPLICABLE. CONTRACTOR AND SPECIAL INSPECTOR TO DOCUMENT QUALITY CONTROL AS REQUIRED IN AISC 360 SECTION N3 AND AISC 341 SECTION J2.

INSPECTION TYPES:

- CONTINUOUS : THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
- PERIODIC : THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.
- OBSERVE : OBSERVE THESE FUNCTIONS ON A RANDOM, DAILY BASIS. OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATIONS.

PERFORM : INSPECTIONS SHALL BE PERFORMED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM.
PERFORM INSPECTION PRIOR TO FINAL ACCEPTANCE OF THE ITEM FOR TEN WELDS TO BE MADE BY A GIVEN WELDER, WITH THE WELDER DEMONSTRATING UNDERSTANDING OF REQUIREMENTS AND POSSESSION OF SKILLS AND TOOLS TO VERIFY THESE ITEMS, THE PERFORM DESIGNATION OF THIS TASK SHALL BE REDUCED TO OBSERVE, AND THE WELDER SHALL PERFORM THIS TASK. SHOULD THE INSPECTOR DETERMINE THAT THE WELDER HAS DISCONTINUED PERFORMANCE OF THIS TASK, THE TASK SHALL BE RETURNED TO PERFORM UNTIL SUCH TIME AS THE INSPECTOR HAS RE-ESTABLISHED ADEQUATE ASSURANCE THAT THE WELDER WILL PERFORM THE INSPECTION TASKS LISTED.

SPECIAL INSPECTION OF MECHANICAL POST INSTALLED ANCHORS SHALL BE IN STRICT CONFORMANCE WITH THE ICC REPORT AND MANUFACTURER'S INSTALLATION REQUIREMENTS. ANCHOR INSTALLERS SHALL BE QUALIFIED AS REQUIRED BY JURISDICTION REQUIREMENTS.
INSPECTION REPORTS SHALL IDENTIFY NAMES OF INSTALLERS.

SPECIAL INSPECTOR SHALL PROVIDE DOCUMENTATION AT THE END OF ANCHOR INSTALLATIONS STATING THAT THE ANCHORS WERE INSPECTED PER APPROVED ANCHOR EVALUATION REPORT.

TESTING ABBREVIATIONS:
NDT - NON-DESTRUCTIVE TESTING
C.J.P. - COMPLETE JOINT PENETRATION
MT - MAGNETIC PARTICLE TESTING
RBS - REDUCED BEAM SECTION
DOCUMENT (D): INDICATES CONTRACTOR AND SPECIAL INSPECTOR TO PROVIDE DOCUMENTATION IN ACCORDANCE WITH AISC 341.

CONTRACTOR RESPONSIBILITY:

EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE MAIN WIND-OR SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND-OR SEISMIC-RESISTING COMPONENT LISTED THE TABLES SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:

ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.

1. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
2. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND DISTRIBUTION OF THE REPORTS.
3. IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.

GENERAL - SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	IBC CODE REFERENCE	FREQUENCY		REMARKS
		CONTINUOUS	PERIODIC	
FABRICATORS	1705.10 1704.2.5			SPECIAL INSPECTION IS REQUIRED FOR STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES FABRICATED ON THE PREMISES OF A FABRICATOR'S SHOP. SPECIAL INSPECTIONS SHALL BE PERFORMED DURING FABRICATION. PERFORMING SPECIAL INSPECTIONS IS NOT REQUIRED, WHERE FABRICATOR HAS BEEN APPROVED AS AN APPROVED FABRICATOR, PER SECTION 1704.2.5.1.
DEFERRED SUBMITTALS			X	SPECIAL INSPECTION REQUIREMENTS FOR DEFERRED SUBMITTAL ITEMS, INCLUDING REQUIREMENTS FOR DESIGNATED SEISMIC SYSTEMS IN ACCORDANCE WITH IBC SECTION 1705.12.4 IF APPLICABLE, TO BE SPECIFIED BY THE SYSTEM ENGINEER AND INCLUDED WITH DEFERRED SUBMITAL DOCUMENTS.
SUBMITTALS TO THE BUILDING OFFICIAL	1704.5		X	CERTIFICATES OF COMPLIANCE, REPORTS OF PRE-CONSTRUCTION TESTS, OR REPORTS OF MATERIAL PROPERTIES SHALL BE SUBMITTED TO THE BUILDING OFFICIAL.
POST INSTALLED MECHANICAL ANCHORS AND ADHESIVE ANCHORS IN HARDENED CONCRETE			X	

SOILS/GEOTECHNICAL - SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARDS REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
SOILS					
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	1705.6	GEOTECHNICAL REPORT		X	BY THE GEOTECHNICAL ENGINEER OR QUALIFIED SPECIAL INSPECTOR
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL				X	
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS				X	
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL			X		
PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY				X	

SOILS/GEOTECHNICAL - TESTING

SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
FILL IN-PLACE DENSITY OR PREPARED SUBGRADE DENSITY	1705.6	VARIES; GEOTECHNICAL REPORT OR MINIMUM PER IBC WHICHEVER IS GREATER		X	BY THE GEOTECHNICAL ENGINEER OR QUALIFIED SPECIAL INSPECTOR
MATERIAL VERIFICATION		VARIES; CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS		X	BY THE GEOTECHNICAL ENGINEER OR QUALIFIED SPECIAL INSPECTOR
TEST ELEMENTS	1705.6 1705.7		REFERENCE SPECIFICATIONS FOR PERFORMANCE VARIFICATION AND PROOF LOAD TESTING REQUIREMENTS		BY THE GEOTECHNICAL ENGINEER

CONCRETE - SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
GENERAL	1705.3 1901.6	ACI 318: 26.13			SPECIAL INSPECTIONS OF CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1705.3 OF THE IBC AND SECTION 26.13 OF ACI 318.
REINFORCING STEEL PLACEMENT	1901.5.2 1908.4	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3, 26.13.3.3		X	REINFORCING TO COMPLY WITH ALL CODE PROTECTION, SPACING AND TOLERANCE LIMITS.
INSPECT ANCHORS/BOLTS CAST IN CONCRETE	-	ACI 318: 17.8.2	X	X	ALL CAST-IN-PLACE ANCHORS/BOLTS SHALL BE VISUALLY INSPECTED. REFERENCE STEEL INSPECTIONS FOR ADDITIONAL INSTALLATION, MATERIAL AND WELDING INSPECTIONS OF STEEL ITEMS EMBEDDED IN CONCRETE (HEADED STUDS, DBA's, ETC.)
VERIFYING USE OF REQUIRED MIX DESIGN(S)	1904.1 1904.2 1908.2 1908.3	ACI 318: CH. 19, 26.4.3, 26.4.4		X	
CONCRETE SPECIMENS FOR TESTING	1908.10	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	X		PRIOR TO CONCRETE PLACEMENT, FABRICATE CONCRETE SPECIMENS FOR TESTING. SEE THE CONCRETE TESTING TABLE FOR ADDITIONAL INFORMATION.
CONCRETE PLACEMENT, NON-SHRINK GROUT	1908.6, 1908.7, 1908.8	ACI 318: 26.5, 26.13.3.2(a)	X		
CONCRETE CURING	1908.9	ACI 318: 26.5.3 - 26.5.5, 26.13.3.3		X	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURES AND TECHNIQUES
VERIFICATION OF FORMWORK		ACI 318: 26.11.1.2(b), 26.13.3.3		X	SPECIAL INSPECTIONS APPLY TO SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED
EMBEDDED ITEMS IN CONCRETE				X	ALL NON-STRUCTURAL EMBEDDED ITEMS, SUCH AS CONDUITS, PIPES AND SLEEVES, SHALL BE REVIEWED FOR CONFORMANCE WITH STRUCTURAL DOCUMENTS FOR SIZE, SPACING, LOCATION, EDGE DISTANCE AND TRIM REINFORCING.
REINFORCING STEEL MECHANICAL COUPLERS, TERMINATORS AND FORMSAVERS		ICC EVALUATION REPORTS		X	

CONCRETE - TESTING

SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS
CONCRETE STRENGTH	1705.3 ASTM C172 ASTM C 31 ACI 318 26.12, ACI 318 26.5	ASTM C39	EACH 150 CY NOR LESS THAN EACH 5000 SF OF SLAB OR WALL PLACED EACH SHIFT	
CONCRETE SLUMP		ASTM C143		FABRICATE SPECIMENS AT TIME FRESH CONCRETE IS PLACED
CONCRETE AIR CONTENT		ASTM C231		
CONCRETE TEMPERATURE		ASTM C1064		

LIGHT GAUGE AND OTHER STEEL - SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
LIGHT GAUGE WELDING					
MATERIAL VERIFICATION OF WELD FILLER METALS		AWS D1.3		X	MANUFACTURER'S CERTIFIED TEST REPORTS
VERIFYING USE OF PROPER WPS'S				X	RETAIN A RECORD OF WELDING PROCEDURE SPECIFICATIONS
VERIFYING WELDER QUALIFICATIONS				X	RETAIN A RECORD OF QUALIFICATION CARDS
COLD FORMED ROOF AND FLOOR DECKS - WELDING, MATERIALS TEST REPORTS AND CERTIFICATIONS	1705.2.2	SDI QA/QC, AWS D1.3		X	WELDING INSPECTION AND INSPECTOR QUALIFICATION
GENERAL					
IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	1705.2.2 1705.2.3 1705.2.4 TABLE 1705.2-4	APPLICABLE ASTM STANDARDS		X	MANUFACTURER'S CERTIFIED TEST REPORTS

ISSUE FOR BID

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	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED & LHHW BUILDING STRUCTURAL SPECIAL INSPECTION TABLES SHEET 1

DRAWING NO. 70 OF 239
S10.03

STEEL - SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARD REFERENCE	INSPECTION		REMARKS
			CONTINUOUS/ PERFORM	PERIODIC/ OBSERVE	
CONTRACTOR QUALITY CONTROL REQUIREMENTS		AISC 360 CHAPTER N	X	X	CONTRACTOR TO PROVIDE QUALITY CONTROL FOR ALL ITEMS INDICATED TO BE OBSERVED AND/OR PERFORMED IN TABLE BELOW
STEEL FABRICATION					
FABRICATION OF STRUCTURAL ELEMENTS	1704.2.5.1	AISC 360		X	REFER TO INSPECTION OF FABRICATOR REQUIREMENTS
MATERIAL VERIFICATION OF STRUCTURAL STEEL COMPONENTS	1505.2.1 2203.1 TABLE 1705.2	ASTM A6 AISC 360 A3.1 AISC 360 N3.2		X	CERTIFIED MILL TEST REPORTS
MATERIAL VERIFICATION OF HIGH STRENGTH BOLTS, NUTS, AND WASHERS	1705.2.1.2 AISC 360 N5 TABLE 1705.2-2	AISC 360 A3.3 AISC 360 N3.2 RCSC 2.1		X	MANUFACTURER'S CERTIFIED TEST REPORTS
MATERIAL VERIFICATION OF ANCHOR BOLTS AND THREADED RODS		AISC 360 A3.4 AISC 360 N3.2		X	MANUFACTURER'S CERTIFIED TEST REPORTS
MATERIAL VERIFICATION OF WELD FILLER METALS	1705.2.1.1 TABLE 1705.2-5	AISC 360 A3.5 AISC 360 N3.2 APPLICABLE AWS A5 DOCUMENTS		X	MANUFACTURER'S CERTIFIED TEST REPORTS
STRUCTURAL STEEL WELDING					
VERIFYING USE OF PROPER WPS'S	1705.2.1 AWS D1.1	AISC 360 N3.2			RETAIN A RECORD OF WELDING PROCEDURE SPECIFICATIONS
VERIFYING WELDER QUALIFICATIONS		AWS D1.1		X	RETAIN A RECORD OF QUALIFICATION CARDS
COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS	TABLE 1705.2-6	AWS D1.1 CLAUSE 6	X		
MULTIPASS FILLET WELDS			X		
SINGLE PASS FILLET WELDS GREATER THAN 5/16"			X		ALL WELDS VISUALLY INSPECTED PER AWS D1.16.9
PLUG AND SLOT WELDS			X		
SINGLE PASS FILLET WELDS LESS THAN OR EQUAL TO 5/16"				X	
WELDING STAIR AND RAILING SYSTEMS	1705.2(2.5)	AWS D1.1 CLAUSE 6		X	ALL WELDS VISUALLY INSPECTED PER AWS D1.1 6.9
VERIFICATION OF JOINT & CONNECTION DETAILS INCLUDING MEMBER AND COMPONENT LOCATIONS, BRACING, AND STIFFENERS	TABLE 1705.2-7	AWS D1.1		X	
HIGH-STRENGTH BOLTING					
SNUG-TIGHT BOLT INSTALLATION	1705.2.1 TABLE 1705.2-2 AISC 360 M2-5 AISC 360 N5-6	RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS SECTION 9 AISC 360 SECTION M2.5		X	ALL CONNECTIONS VISUALLY INSPECTED AND VERIFIED SNUG
PRETENSIONED BOLT INSTALLATION USING TURN-OF-THE-NUT METHOD WITH MATCH MARKING, DIRECT TENSION INDICATOR METHOD, OR TWIST-OFF TYPE TENSION CONTROL BOLT METHOD				X	ALL CONNECTIONS VISUALLY INSPECTED. CONNECTIONS USING DIRECT TENSION INDICATORS, ALL BOLTS SHALL BE INSPECTED AFTER SNUGGING AND AFTER PRETENSIONING
PRETENSIONED BOLT INSTALLATION USING TURN-OF-THE-NUT METHOD WITHOUT MATCH MARKING OR CALIBRATED WRENCH METHOD 0"			X		ALL CONNECTIONS VISUALLY INSPECTED
INSPECTION TASKS PRIOR TO BOLTING					
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	1705.2.1.2 TABLE 1705.2-2	AISC 360 TABLE N5.6-1 AISC 360 M2.5	X		
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS				X	
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH, IF THREADS ARE TO BE EXCLUDED FROM THE SHEAR PLANE)				X	
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL				X	
CONNECTING ELEMENTS< INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS				X	
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED				X	
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS				X	

STEEL - SPECIAL INSPECTIONS CONT

SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARD REFERENCE	INSPECTION		REMARKS
			CONTINUOUS/ PERFORM	PERIODIC/ OBSERVE	
INSPECTION TASKS DURING BOLTING					
FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	1705.2.1.2 TABLE 1705.2-2	AISC 360 TABLE N5.6-2 AISC M2.5 RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS SECTION 9		X	
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION				X	
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING				X	
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES				X	
INSPECTION TASKS AFTER BOLTING					
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	1705.2.1.2 TABLE 1705.2-2	AISC 360 TABLE N5.6-3	X		

STEEL - TESTING

SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS
STEEL				
ULTRASONIC (UT) TESTING OF WELDS	**1705.2.1**	AWS D1.1 6.13 & 6.14.3		ALL C.J.P. WELDS 5/16" AND THICKER REQUIRE UT TESTING.
PRE-CONSTRUCTION TESTING OF WELDING STUDS, WELDED REINFORCING BARS AND DBA'S	**1705.2.1**	AWS D1.1 7.7.1	EACH SIZE AND TYPE OF STUD/BAR EACH SHIFT	THIS TESTING PERFORMED BY CONTRACTOR AND CONFIRMED BY SPECIAL INSPECTOR
PRE-INSTALLATION VERIFICATION OF PRETENSIONED HIGH STRENGTH BOLTS	**1705.2.1**	RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS SECTION 7	EACH COMBINATION OF DIAMETER, LENGTH, GRADE, AND LOT TO BE USED IN THE WORK	

STEEL LATERAL SYSTEM - TESTING

SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARD REFERENCE	DESCRIPTION/FREQUENCY	REMARKS
2a) CJP GROOVE WELD NDT	**1705.13.1**	AISC 341 SECTION J6	UT SHALL BE PERFORMED ON 5/16" THICKNESS AND GREATER. MT SHALL BE PERFORMED ON 25% OF ALL BEAM-TO-COLUMN CJP GROOVE WELDS.	WELD DISCONTINUITIES SHALL BE ACCEPTED OR REJECTED ON THE BASIS OF CRITERIA OF AWS D1.1/D1.1M TABLE 6.2. UT TESTING NOT REQUIRED ON THICKNESS LESS THAN 5/16"
2b) COLUMN SPLICE AND COLUMN TO BASE PL PJP GROOVE WELD NDT			UT SHALL BE PERFORMED ON PJP GROOVE WELDS IN COLUMN SPLICES AND COLUMN TO BASE PL WELDS	
2c) BASE METAL NDT FOR LAMELLAR TEARING AND LAMINATIONS			FOR BASE METAL THICKNESS (t) OF 1 1/2" AND GREATER AND CONNECTED MATERIAL THICKNESS OF 3/4" AND GREATER, UT FOR DISCONTINUITIES BEHIND AND ADJACENT TO THE FUSION LINE.	ANY BASE METAL DISCONTINUITIES FOUND WITHIN t/4 OF THE STEEL SURFACE SHALL BE ACCEPTED OR REJECTED ON THE BASIS OF THE CRITERIA OF AWS D1.1/D1.1M TABLE 6.2. t IS THE THICKNESS OF THE PART SUBJECTED TO THE THROUGH-THICKNESS STRAIN
2d) BEAM COPE AND ACCESS HOLE NDT			MT OR PENETRANT TESTING OF WELD SPLICES AND CONNECTIONS, THERMALLY CUT SURFACES OF BEAM COPES AND ACCESS HOLES WHERE FLANGE THICKNESS EXCEEDS 1 1/2" FOR ROLLED SHAPES OR WHEN THE WEB THICKNESS EXCEEDS 1 1/2" FOR BUILT-UP SHAPES	
2e) REDUCED BEAM SECTION REPAIR NDT			MT SHALL BE PERFORMED ON ANY WELD AND ADJACENT AREA OF THE RBS CUT SURFACE THAT HAS BEEN REPAIRED BY WELDING OR ON THE BASE METAL OF THE RBS CUT SURFACE IF A SHARP NOTCH HAS BEEN REMOVED BY GRINDING	
2f) WELD TAB REMOVAL SITES			AT THE END OF WELDS WHERE WELD TABS HAVE BEEN REMOVED, MT SHALL BE PERFORMED ON THE SAME BEAM-TO-COLUMN JOINTS RECEIVING UT AS REQUIRED UNDER ITEM 2a	MT OF CONTINUITY PLATE WELD TABS REMOVAL SITES IS NOT REQUIRED.

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DRAWING NO. 71 OF 239
S10.04

STEEL LATERAL SYSTEM - SPECIAL INSPECTIONS					
SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	QA/QC TASKS		REMARKS
			OBSERVE	PERFORM	
VISUAL INSPECTION TASKS PRIOR TO WELDING					
MATERIAL IDENTIFICATION (TYPE/GRADE)	1705.12.1	AISC 341 TABLE J6.1 AWS D1.8/D1.8M	X		
WELDER IDENTIFICATION SYSTEM			X		
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)					
JOINT PREPARATION			X		
DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)			X		
CLEANLINESS (CONDITION OF STEEL SURFACES)			X		
TACKING (TACK WELD QUALITY AND LOCATION)			X		
BACKING TYPE AND FIT (IF APPLICABLE)			X		
CONFIGURATION AND FINISH OF ACCESS HOLES			X		
FIT-UP OF FILLET WELDS					
DIMENSIONS (ALIGNMENT, GAPS AT ROOT)			X		
CLEANLINESS(CONDITION OF STEEL SURFACES)			X		
TACKING (TACK WELD QUALITY AND LOCATION)			X		
VISUAL INSPECTION TASKS DURING WELDING					
WPS FOLLOWED	1705.12.1	AISC 341 TABLE J6.2 AWS D1.8/D1.8M			
SETTINGS ON WELDING EQUIPMENT			X		
TRAVEL SPEED			X		
SELECTED WELDING MATERIALS			X		
SHIELDING GAS TYPE/FLOW RATE			X		
PREHEAT APPLIED			X		
INTERPASS TEMPERATURE MAINTAINED (MIN/MAX.)			X		
PROPER POSITION (F, V, H, OH)			X		
INTERMIX OF FILLER METALS AVOIDED UNLESS APPROVED			X		
USE OF QUALIFIED WELDERS			X		
CONTROL AND HANDLING OF WELDING CONSUMABLES					
PACKAGING			X		
EXPOSURE CONTROL			X		
ENVIRONMENTAL CONDITIONS					
WIND SPEED WITHIN LIMITS			X		
PRECIPITATION AND TEMPERATURE			X		
WELDING TECHNIQUES					
INTERPASS AND FINAL CLEANING			X		
EACH PASS WITHIN PROFILE LIMITATIONS			X		
EACH PASS MEETS QUALITY REQUIREMENTS			X		
NO WELDING OVER CRACKED TACKS			X		
FIELD INSTALLED DBA'S IN DIAPHRAGMS		AWS D1.1 CLAUSE 7		X	
WELDED REBAR ANCHORS IN DIAPHRAGMS		AWS D1.4		X	#6 AND LARGER BARS ARE TO BE WELDED
VISUAL INSPECTION TASKS AFTER WELDING					
WELDS CLEANED	1705.12.1	AISC 341 TABLE J6.3 AWS D1.8/D1.8M	X		
SIZE, LENGTH, AND LOCATION OF WELDS				X	
WELDS MEET VISUAL ACCEPTANCE CRITERIA					(D)DOCUMENT - THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. * WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES, OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS WITHIN 3 INCHES OF THE WELD. THE VISUAL INSPECTION SHALL BE PERFORMED NO SOONER THAN 48 HOURS FOLLOWING COMPLETION OF THE WELDING
CRACK PROHIBITION				X(D)	
WELD/BASE-METAL FUSION				X(D)	
CRATER CROSS SECTION				X(D)	
WELD PROFILE AND SIZE				X(D)	
UNDERCUT				X(D)	
POROSITY				X(D)	
K-AREA *				X(D)	
PLACEMENT OF REINFORCING OR CONTOURING FILLET WELDS (IF REQUIRED)					
BACKING REMOVED, WELD TABS REMOVED AND FINISHED, AND FILLET WELDS ADDED (IF REQUIRED)				X(D)	
REPAIR ACTIVITIES				X(D)	
INSPECTION TASKS PRIOR TO BOLTING					
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL	1705.12.1	AISC 341 TABLE J7.1 RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS	X		
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL			X		
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS			X		
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED FOR FASTENER ASSEMBLIES AND METHODS USED			X (D)		(D)DOCUMENT - THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS			X		
INSPECTION TASKS DURING BOLTING					
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	1705.12.1	AISC 341 TABLE J7.2 RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS	X		
JOINT BROUGHT TO THE SNUG TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION			X		
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING			X		
BOLTS ARE PRETENSIONED PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES			X		

STEEL LATERAL SYSTEM - SPECIAL INSPECTIONS CONT.					
SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	QA/QC TASKS		REMARKS
			OBSERVE	PERFORM	
INSPECTION TASKS AFTER BOLTING					
DOCUMENT ACCEPTED AND REJECTED CONNECTION	1705.12.1	AISC 341 TABLE J7.3		X(D)	(D)DOCUMENT - THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

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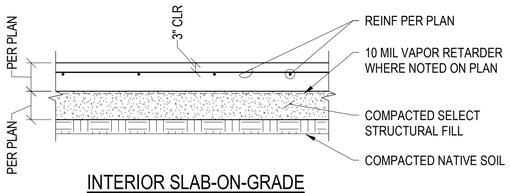
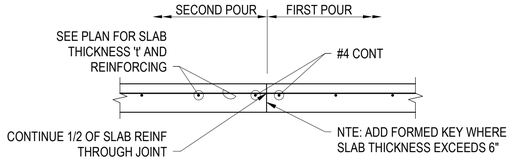
REFUSE SHED & LHHW BUILDING STRUCTURAL SPECIAL INSPECTION TABLES SHEET 3

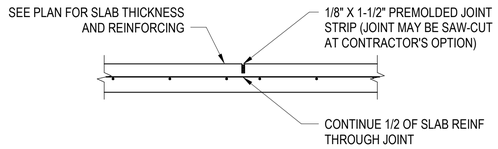
DRAWING NO.
72 OF 239
S10.05



INTERIOR SLAB-ON-GRADE

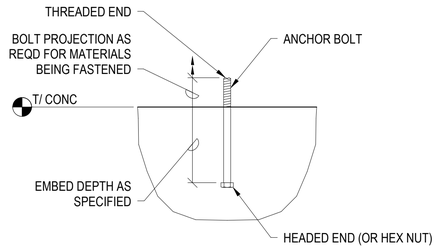


CONSTRUCTION JOINT

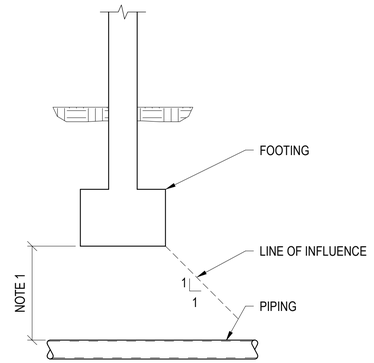


CONTROL JOINT

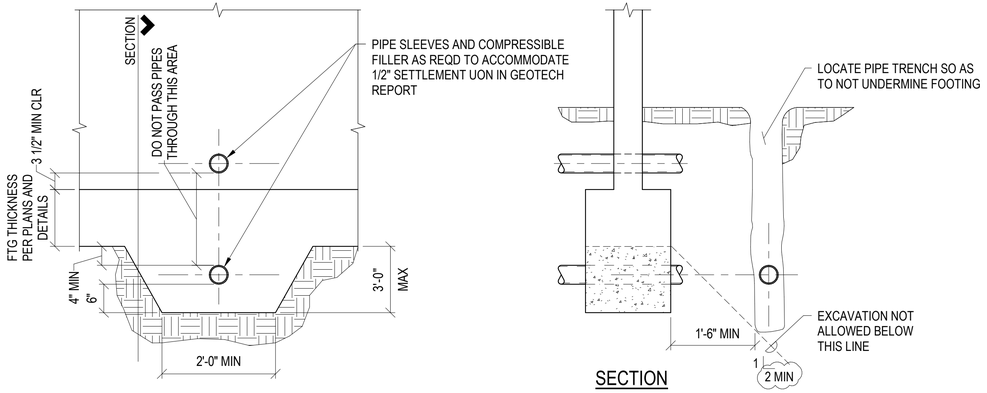
SLAB-ON-GRADE
TYPICAL DETAIL 1
NO SCALE -



CAST-IN-PLACE ANCHOR BOLT
TYPICAL DETAIL 3
NO SCALE -

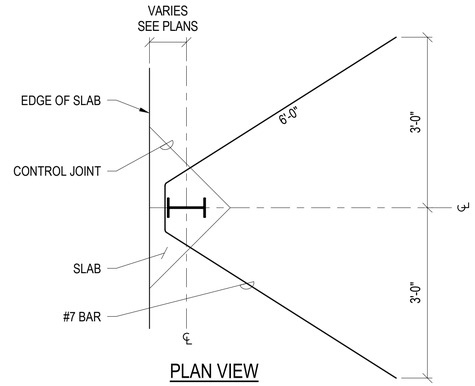


PIPE BELOW FOOTING
TYPICAL DETAIL 4
NO SCALE -



SECTION

PIPE AND TRENCH LOCATIONS AT FOOTINGS / WALLS
TYPICAL DETAIL 5
NO SCALE -



PLAN VIEW

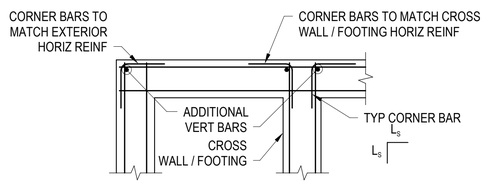
HAIRPIN
TYPICAL DETAIL 7
NO SCALE -

f'c = 4000 PSI	SPLICE AND DEVELOPMENT LENGTHS BASED ON ACI 318-14							
BAR SIZE	TENSION LAP LENGTH, L_s		TENSION DEV LENGTH, L_d		COMP LAP LENGTH, L_{cs}	COMP DEV LENGTH, L_{cd}	STANDARD HOOK	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS			LENGTH, L_{dh}	HOOK
CLASS	B	B						
#3	25	20	20	15	12	8	7	6
#4	33	25	25	19	15	9	9	8
#5	40	31	31	24	19	12	12	10
#6	48	38	38	29	23	14	14	12
#7	70	55	55	42	26	17	17	14
#8	81	62	62	48	30	19	19	15
#9	91	70	70	54	34	21	21	19
#10	103	79	79	61	38	24	24	21
#11	113	87	87	67	42	27	27	23

NOTES:
1. USE THE LENGTHS IN THESE SCHEDULES, UNLESS OTHERWISE NOTED. ALL VALUES IN INCHES.
2. f'c = PER GENERAL NOTES
   Fy = 60,000 PSI
3. LAP SPLICES SHALL BE 'CLASS B', UNLESS OTHERWISE NOTED ON PLANS.
4. A TOP BAR IS A HORIZONTAL BAR WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW IT.
5. MULTIPLY LENGTHS BY 1.5 IF MIN CENTER-TO-CENTER SPACING < 3x BAR DIAMETERS OR MIN CLEAR COVER < 1 BAR DIAMETER.
6. STAGGER ADJACENT LAP SPLICES BY THE GREATER OF 40d OR 24".

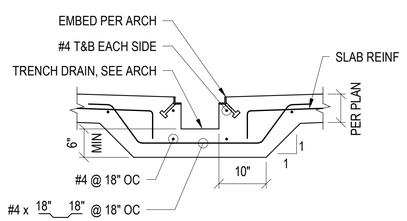
ASSUMPTIONS:
CONCRETE IS NORMAL WEIGHT.
REINFORCEMENT IS UNCOATED OR ZINC-COATED (GALVANIZED).
CONFINING REINFORCEMENT DOES NOT EXIST FOR MODIFICATION FACTOR.

CONCRETE DEVELOPMENT AND SPLICE LENGTH
TYPICAL DETAIL 12
NO SCALE -



DOUBLE CURTAIN

FOOTING CORNER BARS
TYPICAL DETAIL 10
NO SCALE -



TYPICAL TRENCH DRAIN DETAIL
TYPICAL DETAIL 11
NO SCALE -

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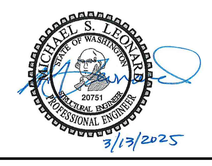
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025



KITSAP COUNTY
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MLA ENGINEERING
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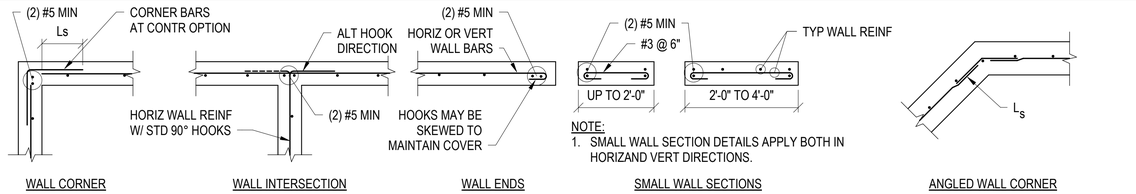
Seattle, WA 98101
(206) 264-2727
www.mlaengineering.com

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

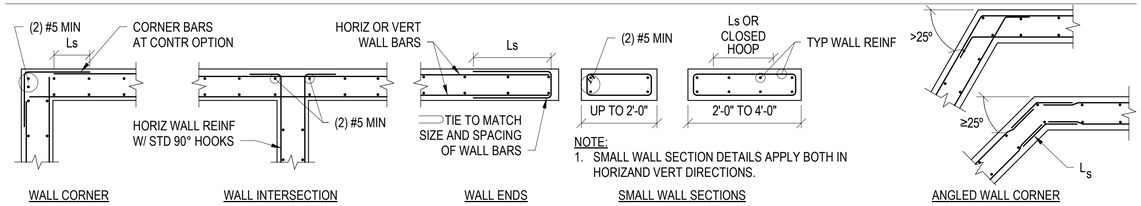
REFUSE SHED & LHHW BUILDING TYPICAL CONCRETE DETAILS SHEET 1

DRAWING NO.
73 OF 239
S10.10



NOTE:
1. SMALL WALL SECTION DETAILS APPLY BOTH IN HORIZAND VERT DIRECTIONS.

SINGLE LAYER



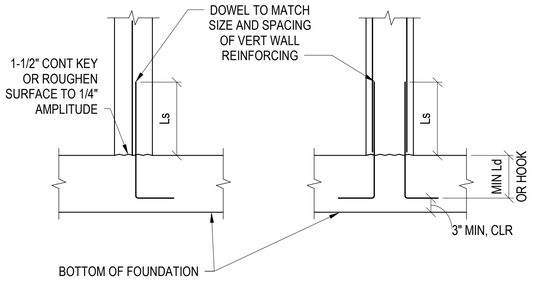
NOTE:
1. SMALL WALL SECTION DETAILS APPLY BOTH IN HORIZAND VERT DIRECTIONS.

DOUBLE LAYER

CONCRETE WALL REINFORCEMENT

TYPICAL DETAIL 1

NO SCALE -

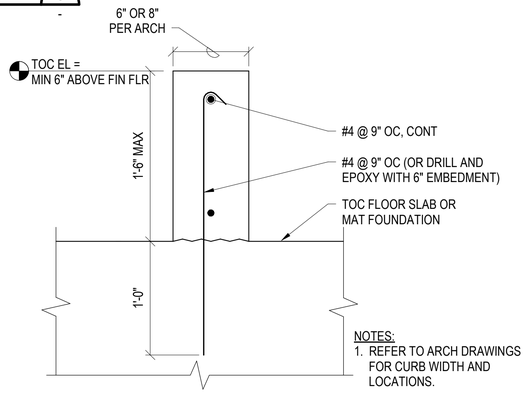


SINGLE LAYER REINFORCING DOUBLE LAYER REINFORCING

WALL DOWEL AT FOUNDATION

TYPICAL DETAIL 5

NO SCALE -

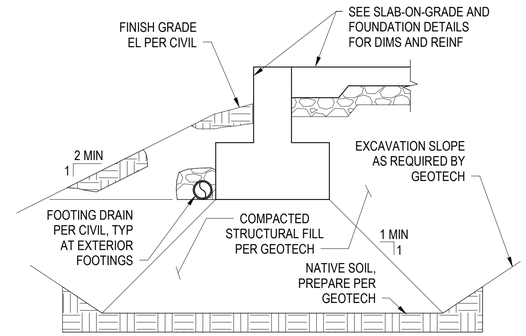


NOTES:
1. REFER TO ARCH DRAWINGS FOR CURB WIDTH AND LOCATIONS.

PARTITION / NON-BEARING WALL CONCRETE CURB

TYPICAL DETAIL 6

NO SCALE -



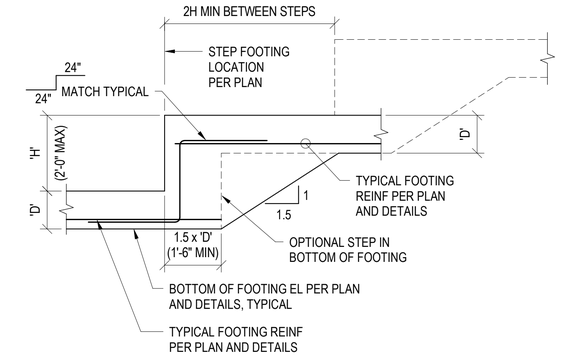
NOTES:
1. SLOPED GRADES SHOWN ARE ONLY TO INDICATE GRADE LIMITATIONS RELATIVE TO FOOTINGS. SEE CIVIL DRAWINGS FOR ACTUAL SITE GRADING.

NOTE: ADJUST DETAIL TO MATCH GEOTECH REPORT AND SEND TO GEOTECH FOR PRE-APPROVAL EACH PROJECT

FOOTING SUBGRADE REQUIREMENTS

TYPICAL DETAIL 4

NO SCALE -



STEPPED FOOTING

TYPICAL DETAIL 8

NO SCALE -

ISSUE FOR BID

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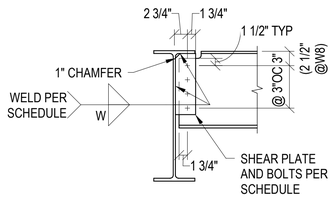
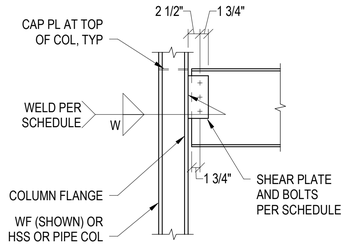
KITSAP COUNTY, WASHINGTON

REFUSE SHED & LHHW BUILDING TYPICAL CONCRETE DETAILS SHEET 2

DRAWING NO.
74 OF 239
S10.11



BEAM TO BEAM

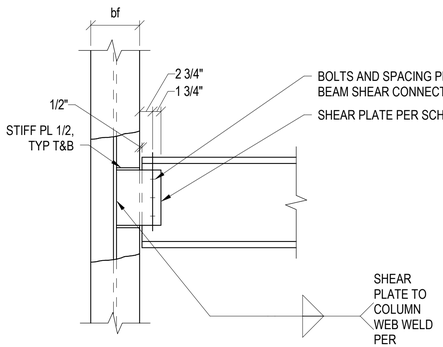


BEAM TO COLUMN FLANGE

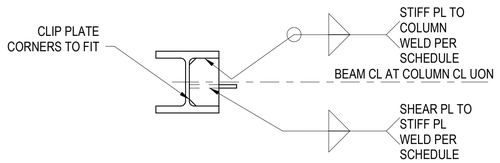
TYPICAL SHEAR CONNECTION SCHEDULE			
BEAM SIZE	SHEAR PLATES		BOLTS
	THICK	WELD (W)	
W8, C8	1/4"	1/4"	(2) 7/8" Ø
W10, C10	1/4"	1/4"	(2) 7/8" Ø @ 4" GA
W12, C12	1/4"	1/4"	(3) 7/8" Ø
W14	1/4"	1/4"	(3) 7/8" Ø

CONNECTION NOTES:
1. TIGHTEN BOLTS TO AISC "SNUG TIGHT" CONDITION, UON.
2. CONNECTION PLATES TO HAVE AISC STANDARD ROUND HOLES EXCEPTAS NOTED OTHERWISE.
3. ALL CONNECTION PLATE MATERIAL TO BE A36 UON.
4. BOLTS SHALL BE GRADE A325 OR A490, UON.
5. ALTERNATE CONNECTIONS MAY BE USED IF APPROVED BY THE ENGINEER AND SHALL HAVE A MINIMUM CAPACITY PER SCHEDULES ON THIS SHEET OR AS REQUIRED BY CONNECTION DESIGNATION SHOWN ON PLAN.

BEAM SHEAR CONNECTION DETAIL
TYPICAL DETAIL (1)
NO SCALE -



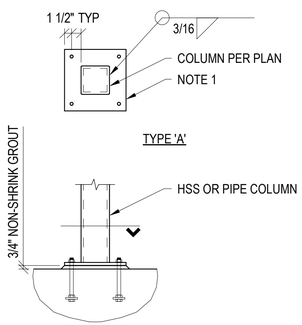
ELEVATION

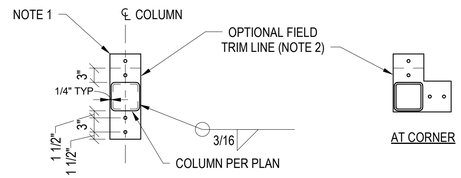


PLAN VIEW

SHEAR AND STIFFENER PLATE SCHEDULE				
BEAM SIZE	SHEAR PLATE THICKNESS	SHEAR PLATE TO COL WEB WELD	SHEAR PLATE TO STIFF WELD	STIFF TO COL WELD
W8, W10	1/2"	1/4"	1/4"	3/16"
W12, W14	1/2"	1/4"	5/16"	3/16"
W16	1/2"	1/4"	3/8"	3/16"
W18	1/2"	1/4"	3/8"	1/4"
W21	1/2"	5/16"	3/8"	1/4"
W24, W27, W30	1/2"	5/16"	3/8"	1/4"
W40	1/2"	5/16"	3/8"	1/4"

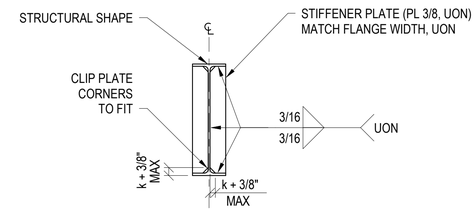
BEAM TO COLUMN WEB SHEAR CONNECTION DETAIL
TYPICAL DETAIL (5)
NO SCALE -



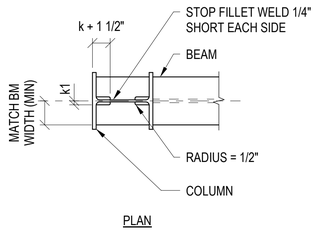


NOTES:
1. 5/8" BASE PLATE WITH (4) 3/4" Ø ANCHOR BOLTS (EMBED) 6", UON.
2. AT TRIM LINE SHOWN, END OF PLATE AND OUTERMOST ANCHOR BOLT MAY BE FIELD TRIMMED AFTER ERECTION AT CONTRACTOR'S OPTION.
3. COLUMN BASEPLATES SHALL BE TYPE 'A', UNLESS OTHERWISE NOTED. PROVIDE TYPE 'B' BASE PLATES AT DIMESIONALLY-CONSTRICTED LOCATIONS SUCH AS COLUMNS ALONG BUILDING EDGES. COLUMNS BEARING ATOP CONCRETE WALLS, AND BASE PLATES TO BE CONCEALED WITHIN FINISHED WALLS.

HSS / PIPE COLUMN BASE PLATE
TYPICAL DETAIL (9)
NO SCALE -

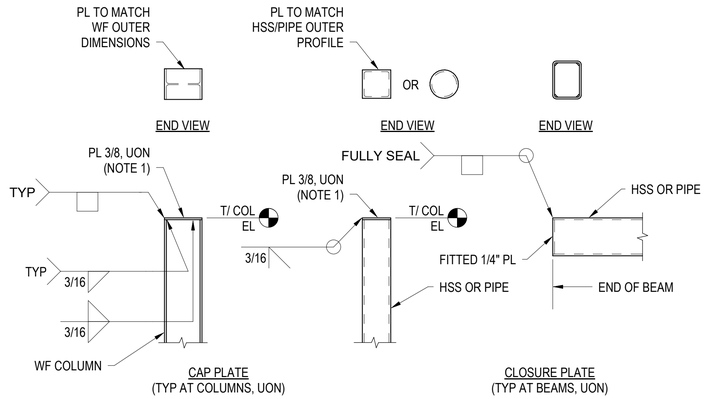


STIFFENER PLATE DETAIL
TYPICAL DETAIL (3)
NO SCALE -



PLAN

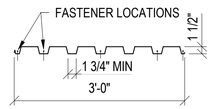
MOMENT FRAME CONTINUITY PLATE
TYPICAL DETAIL (4)
NO SCALE -



NOTES:
1. WHERE SLOPING BEAMS FRAME INTO TOP OF COLUMNS, SLOPE COLUMN CAP PLATES TO MATCH TOP OF BEAM, UON.
2. FLUSH FINISH REQUIREMENTS SHOWN ON WELDS MAY BE WAIVED, SUBJECT TO ARCH AND ENGINEER APPROVAL.

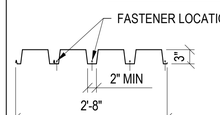
COLUMN/BEAM CAP AND CLOSURE PLATES
TYPICAL DETAIL (7)
NO SCALE -

TYPE B WITH FOLLOWING MIN PROPERTIES:



20 GA
I = 0.219 in⁴
S = 0.230/0.237 in³
Fy = 50 KSI

TYPE N WITH FOLLOWING MIN PROPERTIES:



18 GA
I = 1.273 in⁴ (MULTISPAN)
S = 0.671/0.722 in³
Fy = 50 KSI

LOCATION	DECK TYPE	GAGE	METAL DECK DEPTH	CONN AT SUPPORT PERPENDICULAR TO FLUTES PER SHEET	CONN AT SIDELAP	CONN AT SUPPORTS PARALLEL TO FLUTES[1]	SHEAR CAPACITY	MAX SPAN (ft)			NOTES
								SINGLE	DOUBLE	TRIPLE	
REFUSE	TYPE N	18	3"	(5) 3/4" PUDDLE WELD OR (5) #12 SCREW	BUTTON PUNCH @ 12" OC OR #10 SDS @ 12" OC	3/4" PUDDLE WELD @ 6" OC	394 PLF	N/A	12'-0"	12'-0"	G90 FINISH
LHHW	TYPE B	20	1 1/2"	(7) 5/8" PUDDLE WELD	BUTTON PUNCH @ 24" OC OR #10 SDS @ 24" OC	5/8" PUDDLE WELD @ 7" OC	356 PLF	N/A	6'-6"	6'-6"	G90 FINISH

N/A = NOT ALLOWED

NOTES:
1. CONNECTION SPACING IS APPLICABLE TO FRAMING BEAMS, STRUTS, CHANGES IN DECK ORIENTATION, AND ALL OTHER SUPPORTS PARRALRLL TO DECK FLUTES.
2. DECK TYPE MUST MEET CRITERIA LISTED ABOVE. SUBMIT DECK INFORMATION, INCLUDING ICC RESEARCH REPORT, TO ENGINEER PRIOR TO BEGINNING SHOP DRAWINGS.
3. TYPE, SIZE, AND SPACING OF ROOF DECK AND FASTENERS SHALL COMPLY WITH THE FM GLOBAL I-90 ROOF DECK ASSEMBLY.

UNTOPPED METAL DECK
TYPICAL DETAIL (11)
NO SCALE -

ISSUE FOR BID

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PERMIT REVIEW	02/29/2024	SB
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DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

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MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
3/13/2025

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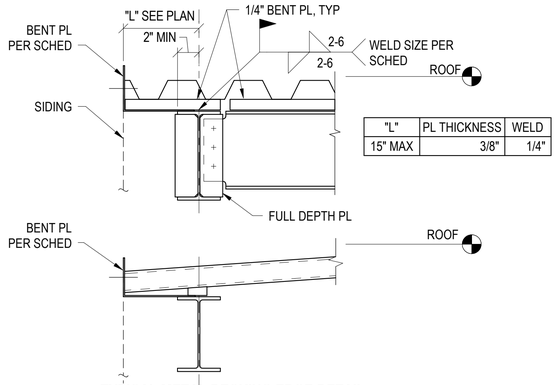
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED & LHHW BUILDING TYPICAL STEEL DETAILS SHEET 1

DRAWING NO. 75 OF 239
S10.20

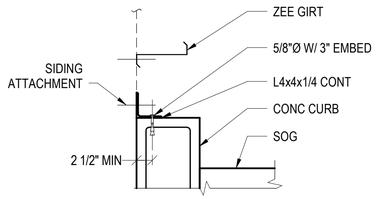


"L"	PL THICKNESS	WELD
15" MAX	3/8"	1/4"

TYPICAL METAL DECKING EDGE DETAIL

TYPICAL DETAIL 1

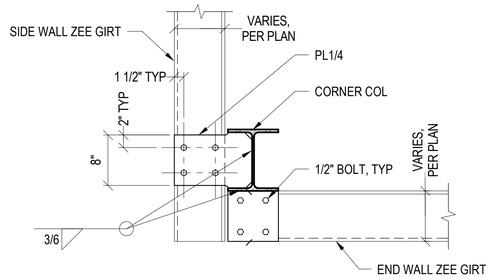
NO SCALE -



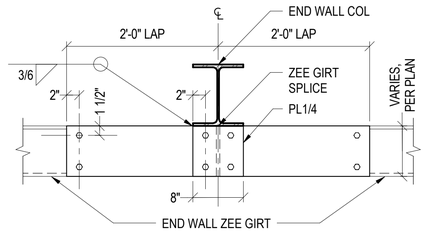
TYPICA SIDING EDGE

TYPICAL DETAIL 2

NO SCALE -



CORNER PLAN



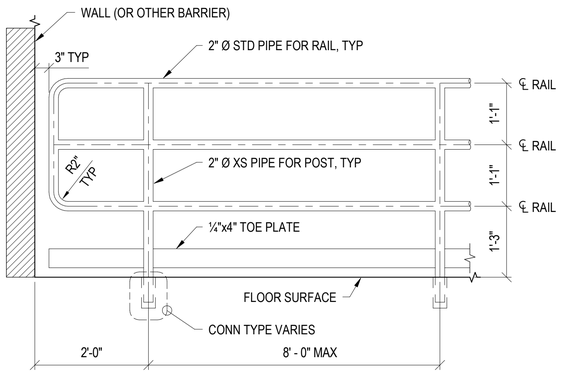
END WALL PLAN

NOTE:
THE CLADDING DESIGN, FABRICATION AND INSTALLATION IS TO BE COMPLETED BY THE CONTRACTOR AND SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR APPROVAL. THESE DETAILS ARE PROVIDED FOR GUIDANCE PURPOSES. SEE S10.01 FOR ADDITIONAL REQUIREMENTS.

TYPICAL ZEE GIRT CONNECTION

TYPICAL DETAIL 3

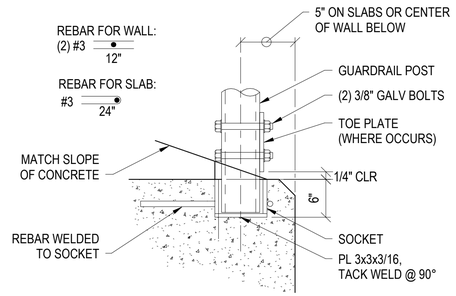
NO SCALE -



TYPE 1 GUARDRAIL ELEVATION

TYPICAL DETAIL 5

NO SCALE -

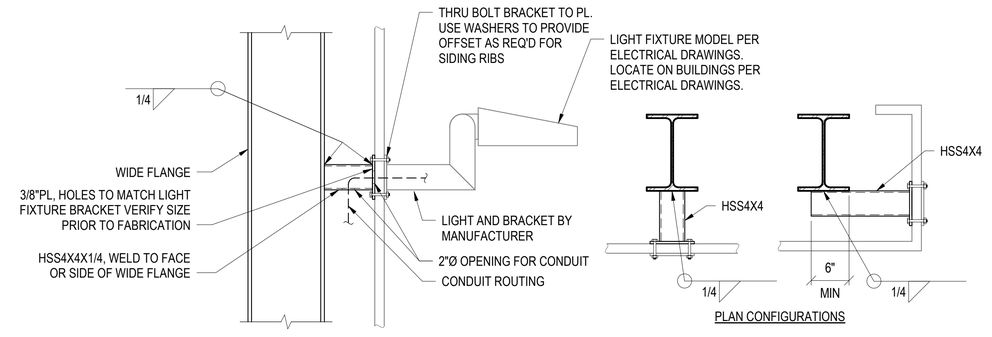


SOCKET NOTES:
1. FOR PERMANENTLY INSTALLED GUARDRAIL USE PIPE 3" STD x 5". GALV AFTER FABRICATION. FILL SOCKET WITH NON-SHRINK GROUT AFTER INSTALLATION.
2. FOR REMOVABLE GUARDRAIL, USE PIPE 2 ½" STD x 5". GALV AFTER FABRICATION.

GUARDRAIL PIPE SOCKET

TYPICAL DETAIL 6

NO SCALE -



PLAN CONFIGURATIONS

TYP EXTERIOR LIGHT FIXTURES ATTACHMENT BRACKET DETAIL

TYPICAL DETAIL 7

NO SCALE -

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KITSAP COUNTY, WASHINGTON

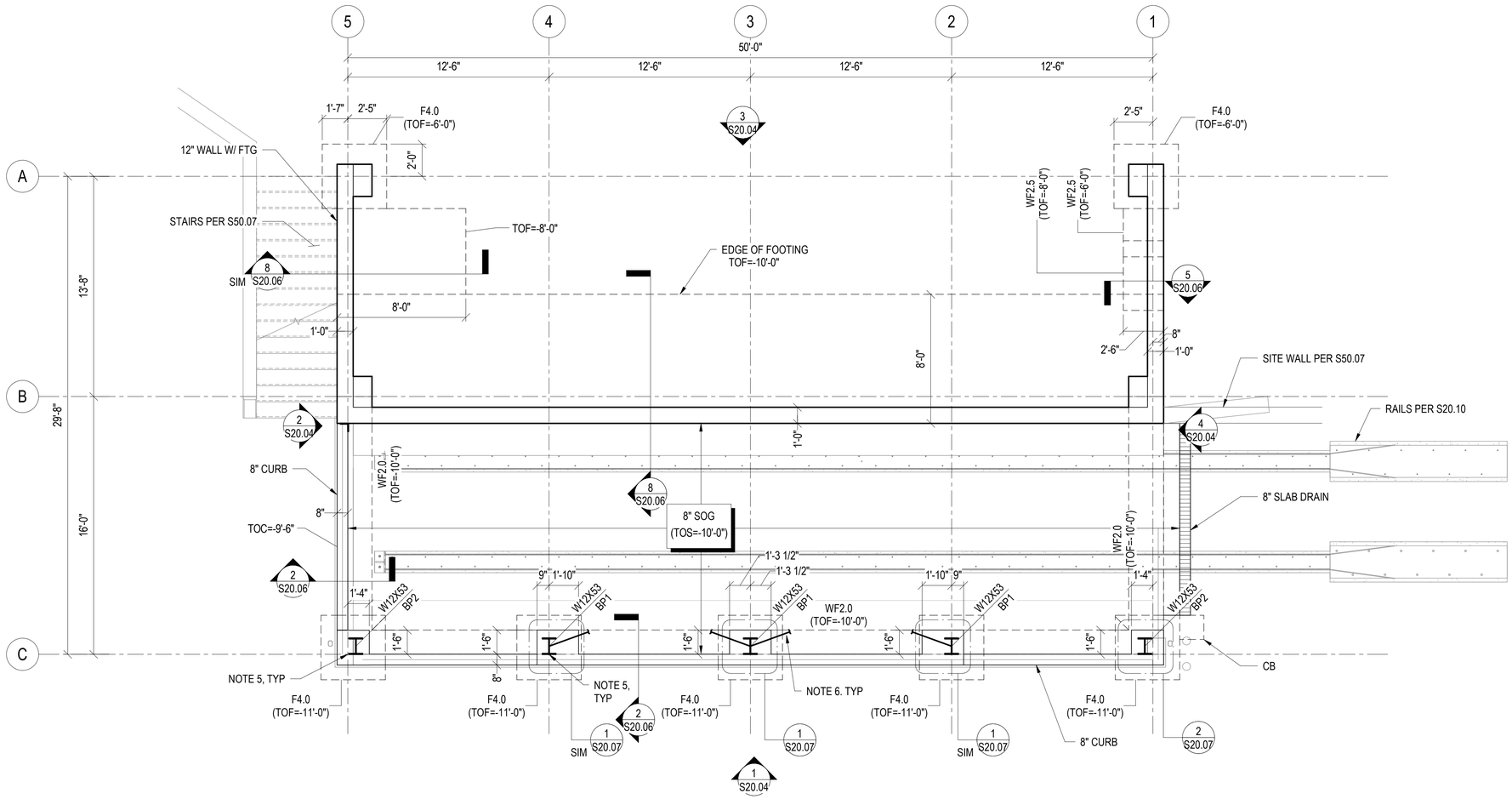
REFUSE SHED & LHHW BUILDING TYPICAL STEEL DETAILS SHEET 2

DRAWING NO. 76 OF 239

S10.21

SHEET NOTES:

1. SLAB-ON-GRADE IS 8" THICK WITH #5 @ 8" OC EACH WAY CENTERED IN SLAB. SLOPE SLAB TO DRAIN AS INDICATED, WHERE OCCURS, MAINTAIN SLAB COVER REQUIREMENTS.
2. PROVIDE CONSTRUCTION JOINTS OR CONTROL JOINTS IN SLAB ON GRADE PER S10.10.
3. MAXIMUM VERTICAL SPACING OF CLADDING ZEE GRITS IS 4FT OC. MINIMUM ZEE GIRTS PROPERTIES ARE AS FOLLOWS: ZEE GRIT: 8"x2.5" - 14 gauge Ixx = 10.153 in^4
4. WALL CLADDING PANNELS SHALL BE MINIMUM 24 GAGE. SCREW PANELS TO GIRTS/STRUCTURE AS FOLLOWS: WALL ZONE 4: #10 @ 12" OC WALL ZONE 5: #10 @ 12" OC REFER TO S20.05 FOR WIND LOADING DIAGRAM AND ZONE MAP.
5. FACE OF STEEL COLUMN SHALL BE ALIGNED WITH GRID LINES.
6. INDICATES STEEL BRACE ABOVE PER BUILDING ELEVATION



FOUNDATION
PLAN
SCALE: 1/4" = 1'-0"

FOOTING SCHEDULE				
FTG MARK	WIDTH	THICKNESS	REINFORCEMENT	REMARKS
WF2.0	2'-2"	2'-0"	(3) #5 TOP & BOT, (2) #5 MID, W/ #4 @ 12" TRANS	-
WF2.5	2'-6"	1'-6"	(3) #5 TOP & BOT, (2) #5 MID, W/ #4 @ 12" TRANS	-
F4.0	4'-0" x 4'-0"	2'-0"	(6) #6 TOP & BOT EACH WAY	-

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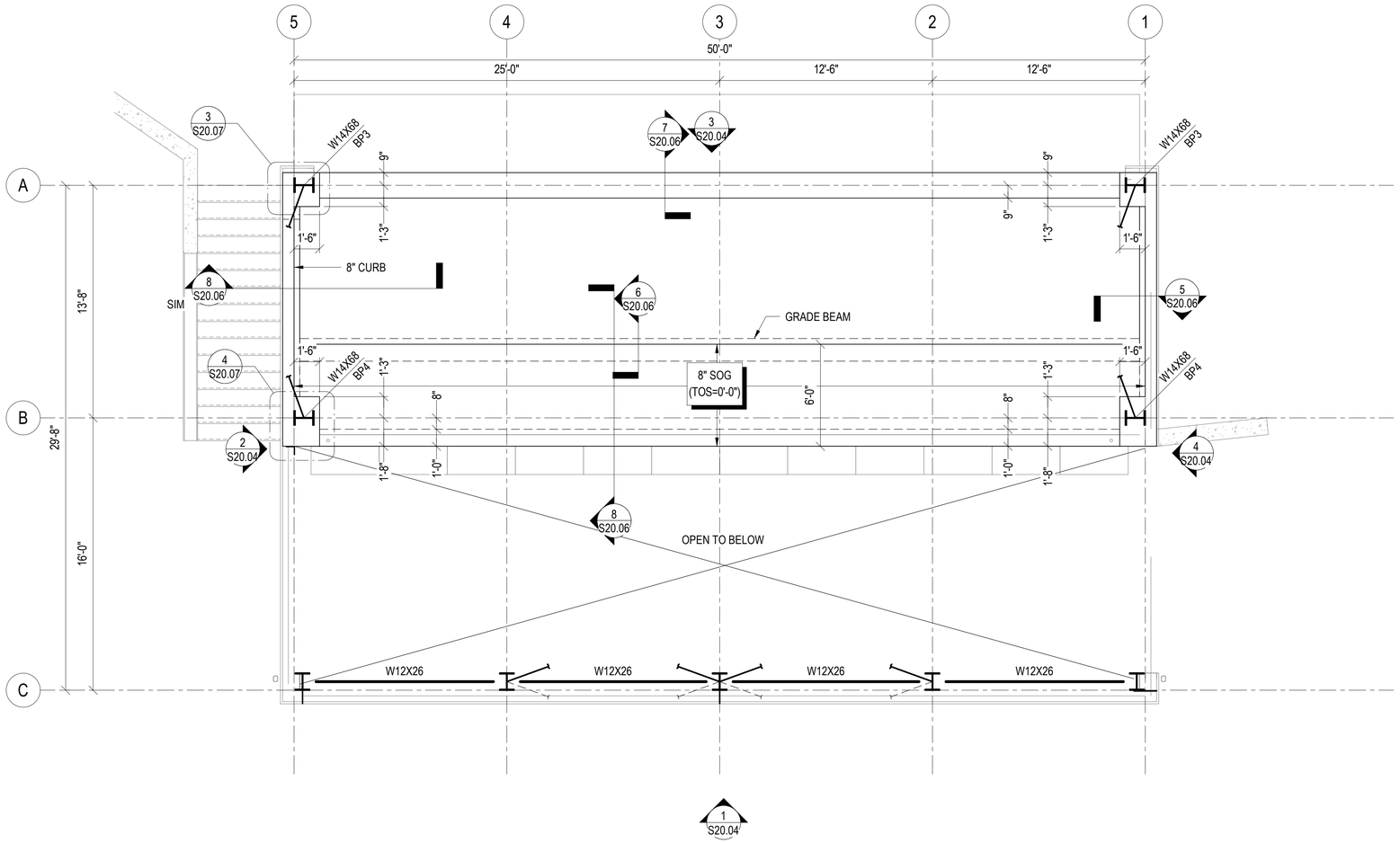
KITSAP COUNTY, WASHINGTON

REFUSE SHED 'A' FOUNDATION PLAN

DRAWING NO.
77 OF 239
S20.01

SHEET NOTES:
1. SEE S20.01 FOR SHEET NOTES.



LEVEL 1 FLOOR
PLAN
SCALE: 1/4" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — PROFESSIONAL ENGINEER
3/13/2025

KITSAP COUNTY
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614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
TEL:(360) 337-5777 FAX:(360) 337-4867

MLA ENGINEERING
1109 1st Ave, Suite 300
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(206) 264-2727
www.mlaengineering.com

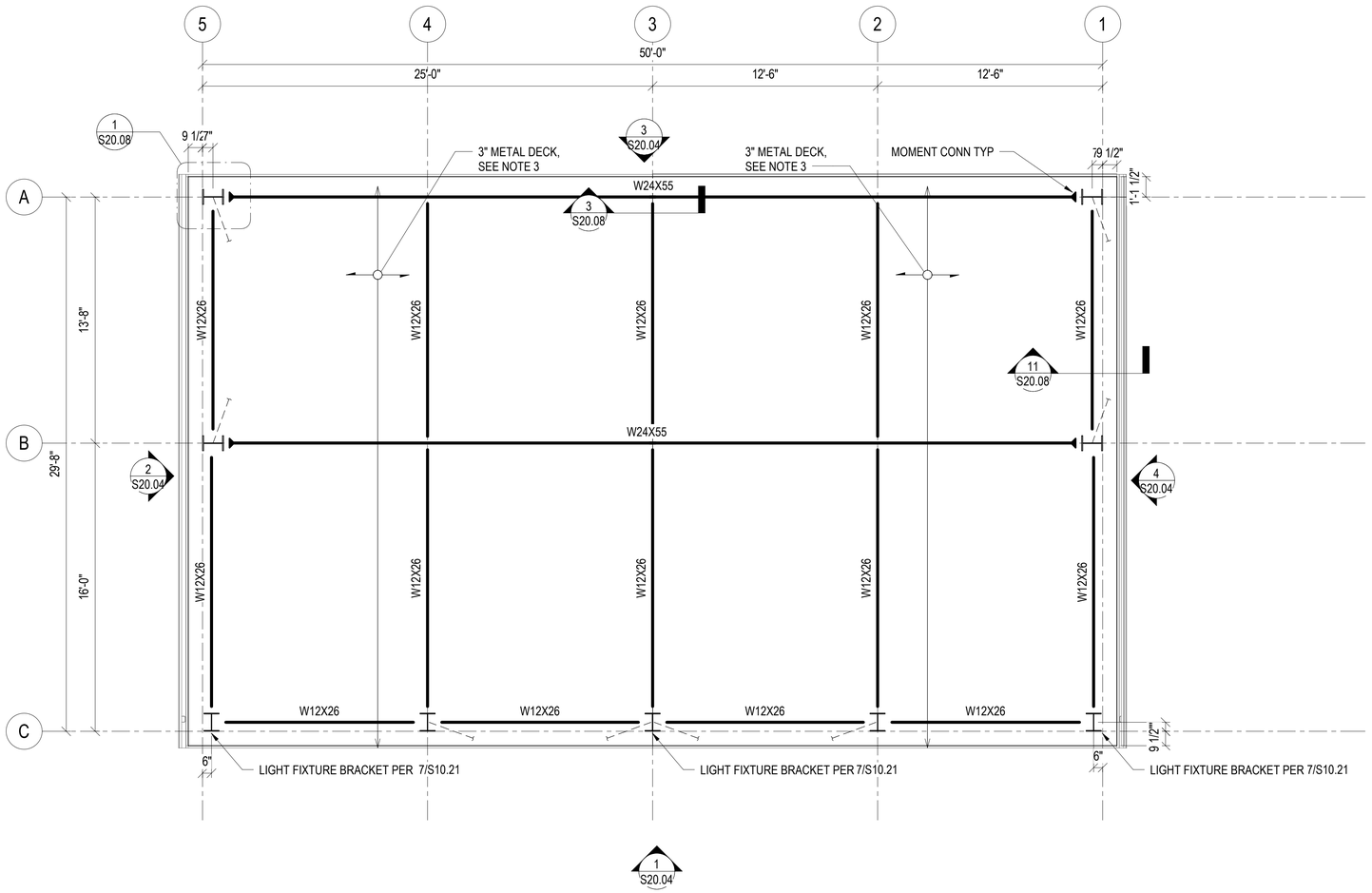
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED 'A'
LEVEL 1 FLOOR PLAN

DRAWING NO.
78 OF 239
S20.02

SHEET NOTES:

1. SEE S20.01 FOR SHEET NOTES.
2. CEE GIRT: MINIMUM 12 GAGE WITH 8" WEB, AND 3 1/2" FLANGE. FASTEN TO STEEL BEAMS WITH MINIMUM (10) #12 SCREWS.
3. 3" METAL DECK IS N-32, 18 GAGE, G90 FINISH.
4. SEE UNTOPPED METAL DECK TYPICAL DETAIL FOR MORE INFORMATION ON CONN AT SIDELAP AND CONN AT SUPPORT.
5. ALLOWABLE DIAPHRAGM SHEAR STRENGTH SHALL HAVE 394 PLF CAPACITY OR GREATER.



ROOF FRAMING
PLAN
SCALE: 1/4" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

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APPROVED M. Leonard

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FILE NAME
JOB No. 21090
DATE AUGUST 2025

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3/13/2025

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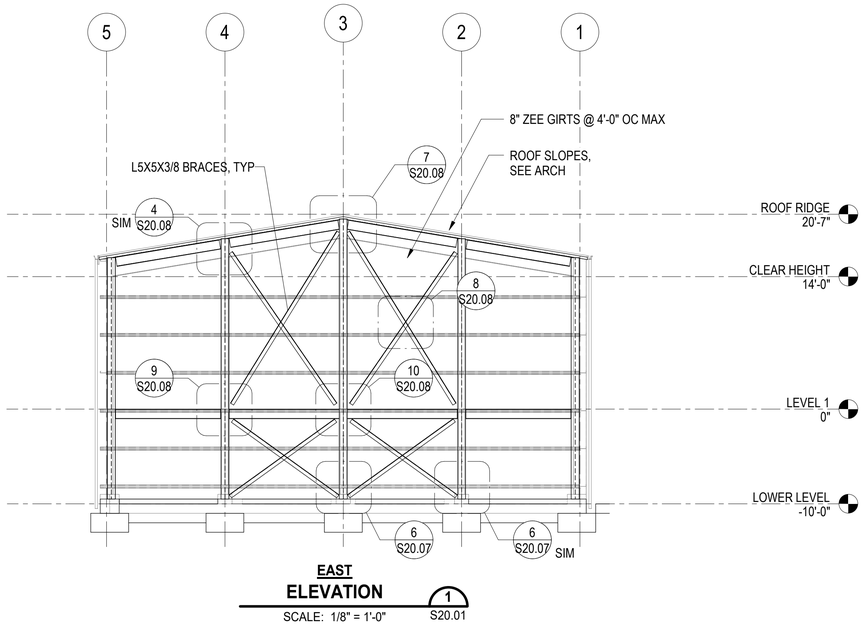
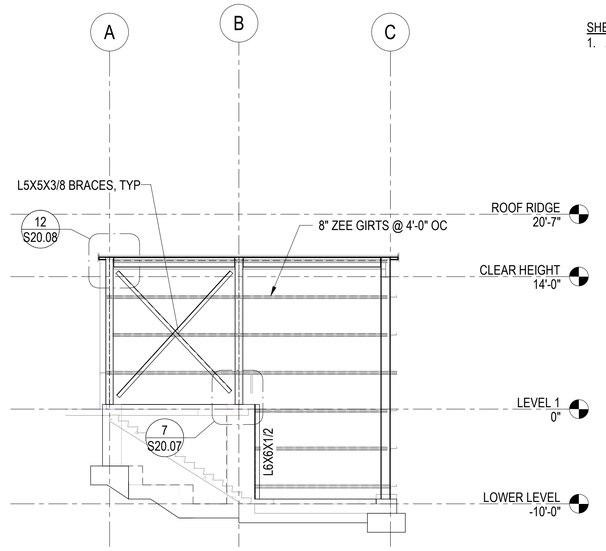
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED 'A' ROOF FRAMING PLAN

DRAWING NO. 79 OF 239
S20.03

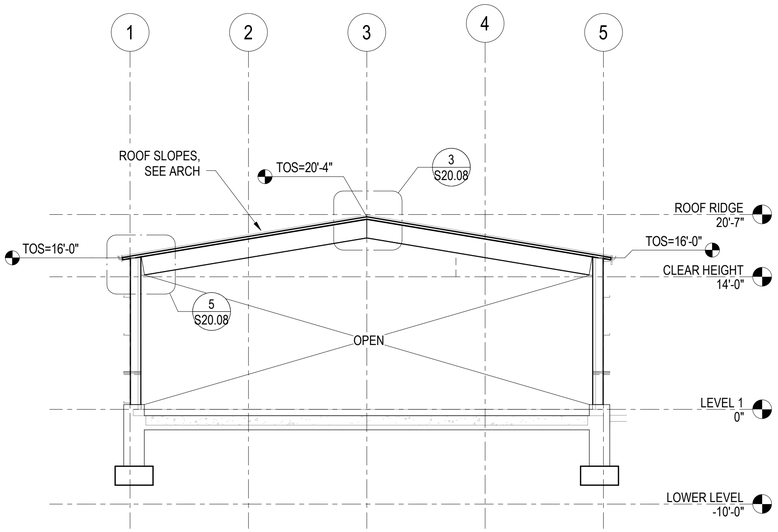


EAST
ELEVATION 1 S20.01
SCALE: 1/8" = 1'-0"

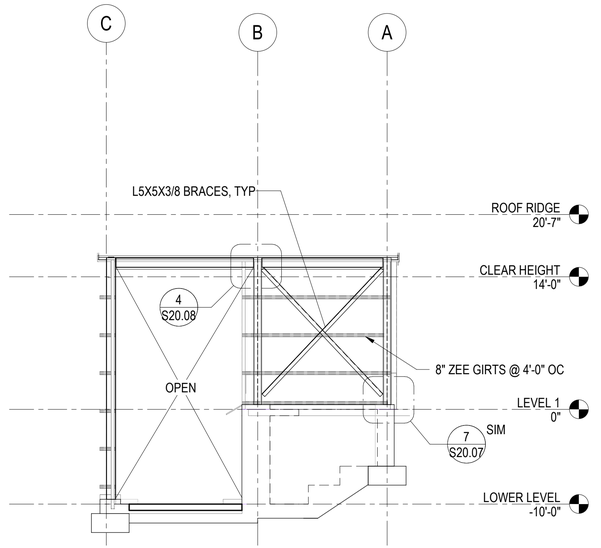


SOUTH
ELEVATION 2 S20.01
SCALE: 1/8" = 1'-0"

SHEET NOTES:
1. ZEE GIRT: MINIMUM 14 GAGE WITH 8" WEB, AND 2 1/2" FLANGE. FASTEN TO STEEL COLUMNS WITH MINIMUM (2) 1/2" BOLTS.



WEST
ELEVATION 3 S20.01
SCALE: 1/8" = 1'-0"



NORTH
ELEVATION 4 S20.01
SCALE: 1/8" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
3/13/2025

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614 DIVISION STREET MS-26
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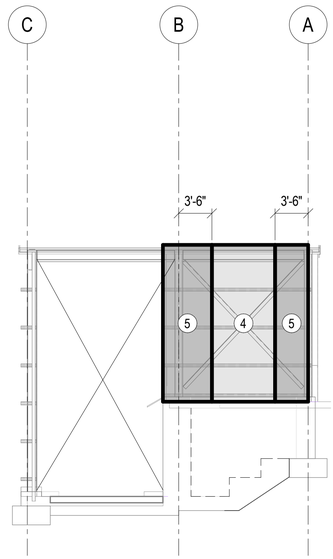
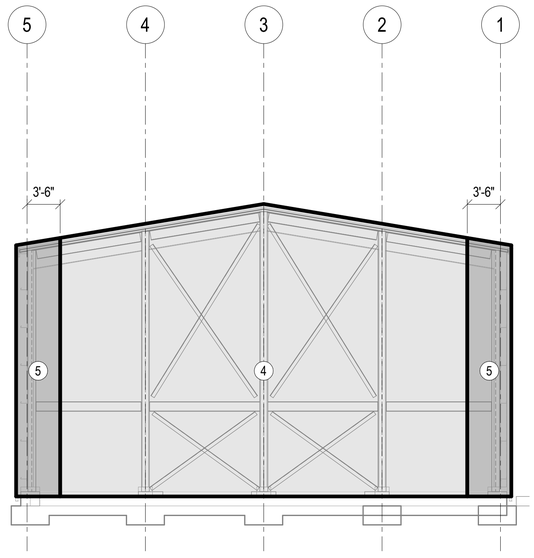
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED 'A' ELEVATIONS

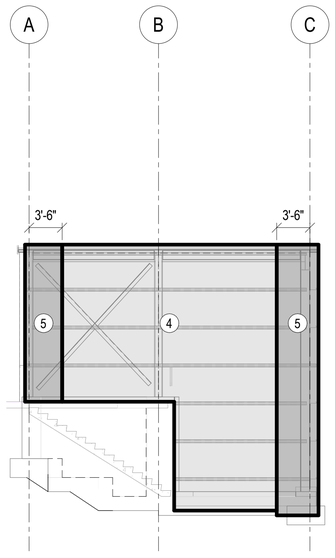
DRAWING NO.
80 OF 239
S20.04



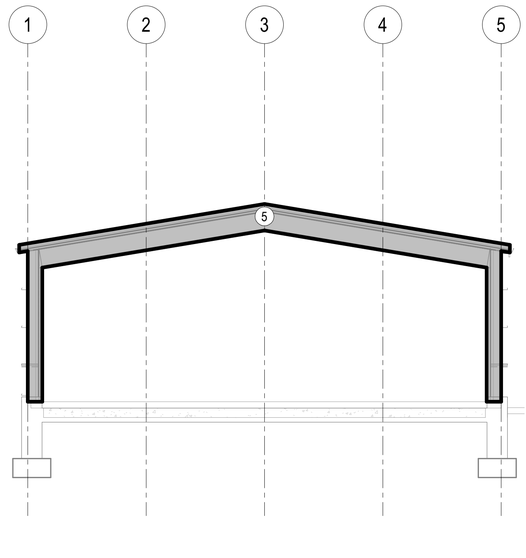
WIND LOAD - NORTH
ELEVATION 1
SCALE: 1/8" = 1'-0" -



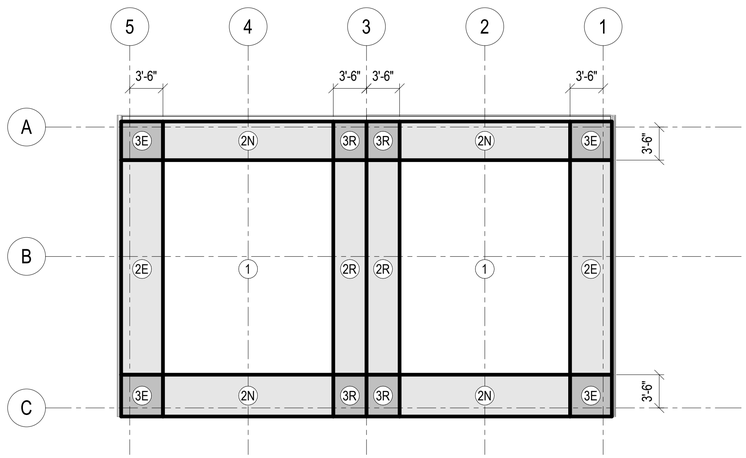
WIND LOAD - EAST
ELEVATION 2
SCALE: 1/8" = 1'-0" -



WIND LOAD - SOUTH
ELEVATION 3
SCALE: 1/8" = 1'-0" -



WIND LOAD - WEST
ELEVATION 4
SCALE: 1/8" = 1'-0" -



ROOF WIND LOAD
PLAN
SCALE: 1/8" = 1'-0"

		WIND PRESSURES (PSF)		MINIMUM WIND UPLIFT APPROVAL RATING NEEDED
	ZONE	OUTWARD (NEG)	INWARD (POS)	
ROOF	ZONE 1,2E	-33	16	I-75
	ZONE 2R, 2N, 3E	-46	16	I-105
	ZONE 3R	-54	16	I-120
WALL	ZONE 4	-20	19	I-40
	ZONE 5	-24	19	I-50

LEGEND

(#) INDICATES ZONE PER TABLE.

NOTE:
WIND PRESURES AND RATINGS CALCULATED PER FM GLOBAL DATA SHEET DS 1-28. (INTERM REVISION DATED APRIL 2021).

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

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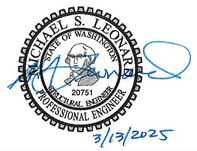
FILE NAME
JOB No. 21090
DATE AUGUST 2025



KITSAP COUNTY
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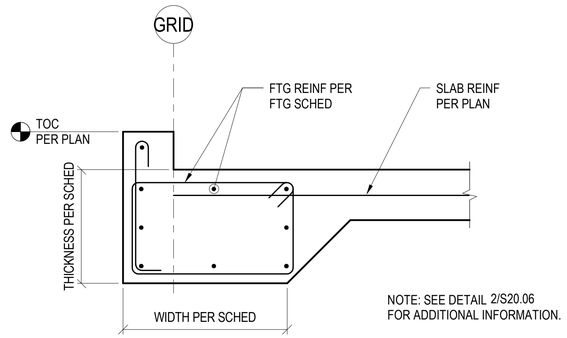
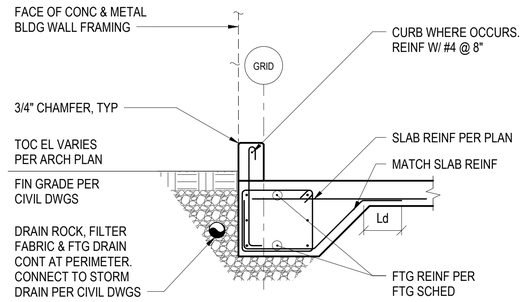
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED 'A' COMPONENTS AND CLADDING WIND LOAD MAP

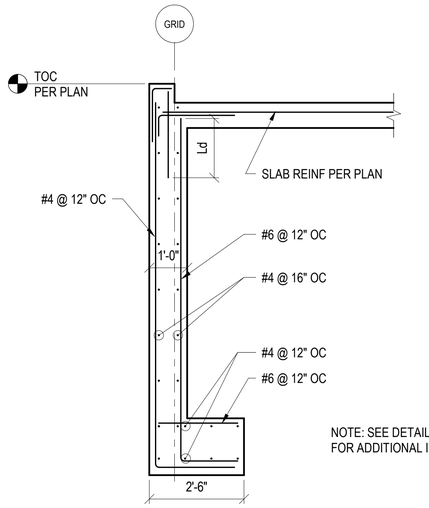
DRAWING NO. 81 OF 239
S20.05



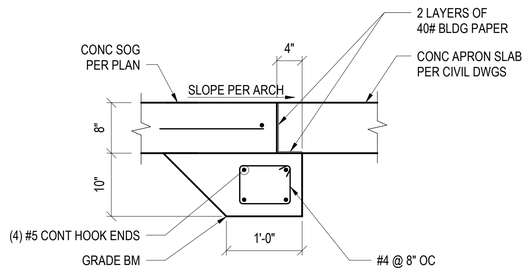
DETAIL 1
SCALE: 1" = 1'-0"



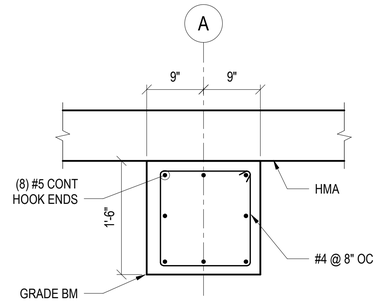
DETAIL 2 S20.01
SCALE: 1/2" = 1'-0"



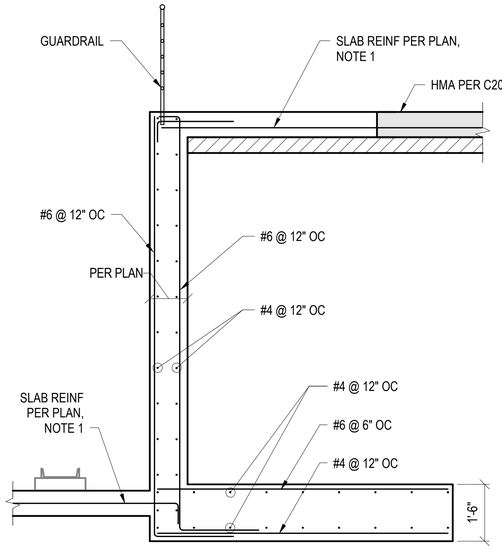
DETAIL 5 S20.01
SCALE: 1/2" = 1'-0"



DETAIL 6 S20.02
SCALE: 1" = 1'-0"



DETAIL 7 S20.02
SCALE: 1" = 1'-0"



NOTE:
1. AT SIM CONDITION, NO SLAB.

DETAIL 8 S20.01
SCALE: 1/2" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
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APPROVED M. Leonard

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — REGISTERED PROFESSIONAL ENGINEER
3/13/2025

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614 DIVISION STREET MS-26
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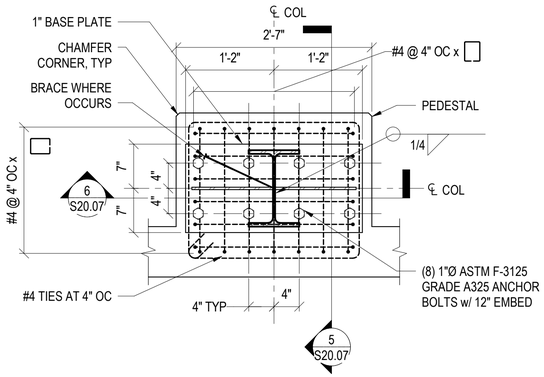
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED 'A' FOUNDATION DETAILS

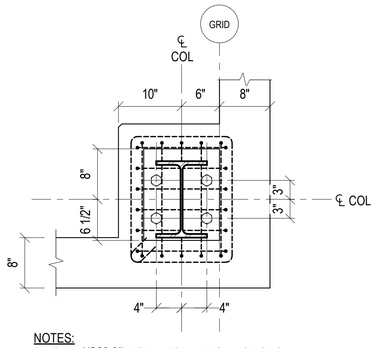
DRAWING NO.
82 OF 239
S20.06



BASE PLATE 1 (BP1)

DETAIL 1 S20.01

SCALE: 1" = 1'-0"

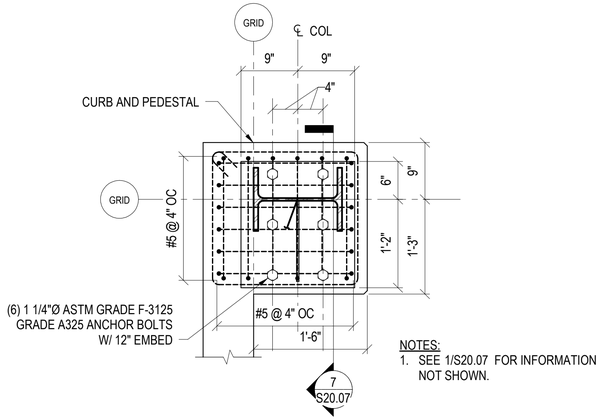


NOTES:
1. SEE 1/S20.07 FOR INFORMATION NOT SHOWN.

BASE PLATE 2 (BP2)

DETAIL 2 S20.01

SCALE: 1" = 1'-0"

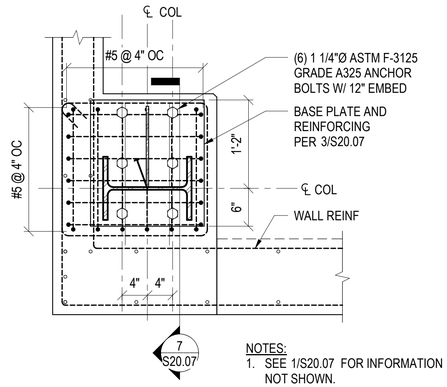


NOTES:
1. SEE 1/S20.07 FOR INFORMATION NOT SHOWN.

BASE PLATE 3 (BP3)

DETAIL 3 S20.02

SCALE: 1" = 1'-0"



NOTES:
1. SEE 1/S20.07 FOR INFORMATION NOT SHOWN.

DETAIL 4 S20.02

SCALE: 1" = 1'-0"

DETAIL 5 -

SCALE: 1" = 1'-0"

NOTE:
BRACE ONLY ON ONE SIDE AT SIM CONDITION.

NOTES:
1. FOR INFORMATION IN COMMON REFER TO 4/S20.08.

DETAIL 6 S20.04

SCALE: 1" = 1'-0"

NOTES:
1. FOR INFORMATION IN COMMON REFER TO 4/S20.08.

DETAIL 7 S20.04

SCALE: 1" = 1'-0"

ISSUE FOR BID

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	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

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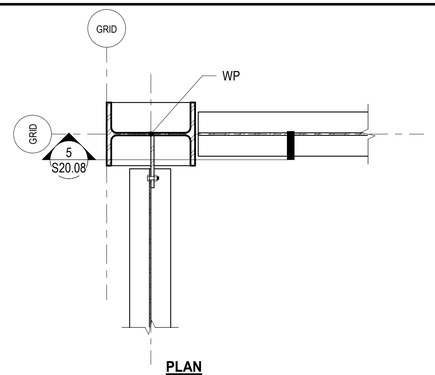
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED 'A' STEEL DETAILS

DRAWING NO.
83 OF 239

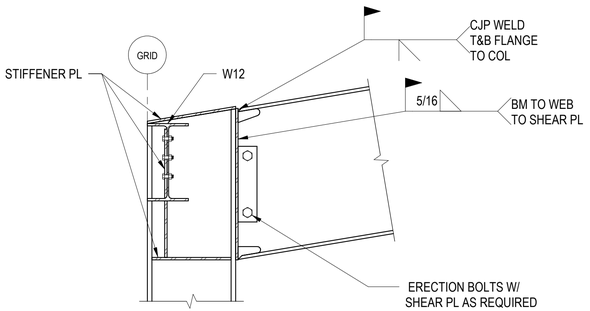
S20.07



PLAN

DETAIL 1 — S20.03

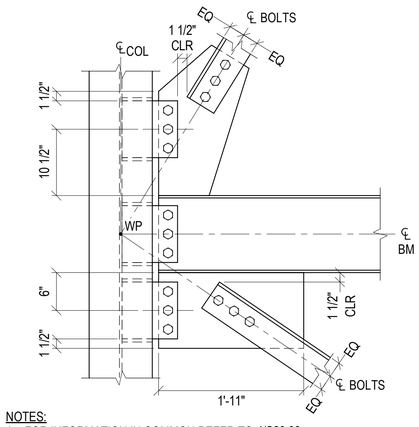
SCALE: 1" = 1'-0"



NOTES:
1. ANGLE BRACE NOT SHOWN FOR CLARITY.

DETAIL 5 — S20.04

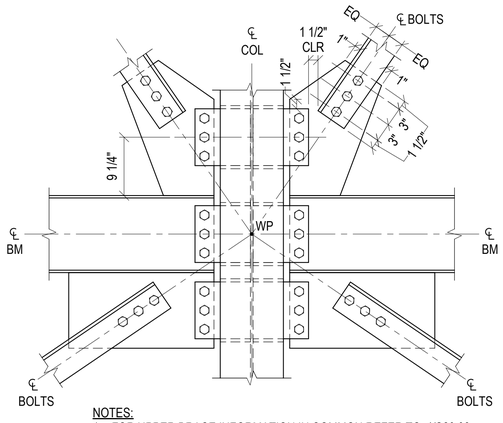
SCALE: 1" = 1'-0"



NOTES:
1. FOR INFORMATION IN COMMON REFER TO 4/S20.08.

DETAIL 9 — S20.04

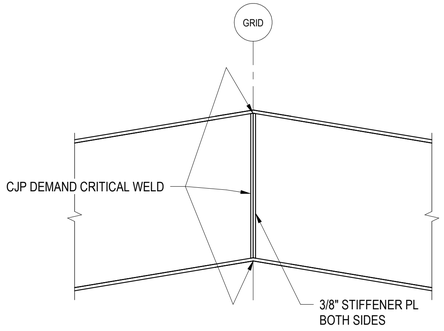
SCALE: 1" = 1'-0"



NOTES:
1. FOR UPPER BRACE INFORMATION IN COMMON REFER TO 4/S20.08.
2. FOR LOWER BRACE INFORMATION IN COMMON REFER TO 9/S20.08.

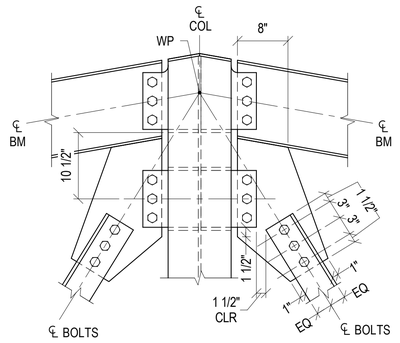
DETAIL 10 — S20.04

SCALE: 1" = 1'-0"



DETAIL 3 — S20.03

SCALE: 1" = 1'-0"



NOTES:
1. FOR INFORMATION IN COMMON REFER TO 4/S20.08.

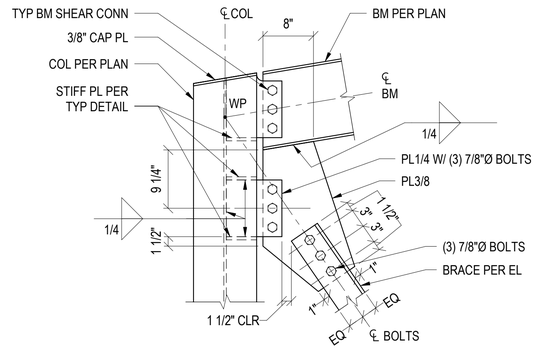
DETAIL 7 — S20.04

SCALE: 1" = 1'-0"

METAL DECK SUPPORT

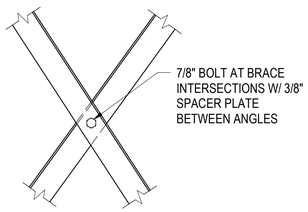
DETAIL 11 — S20.03

SCALE: 1" = 1'-0"



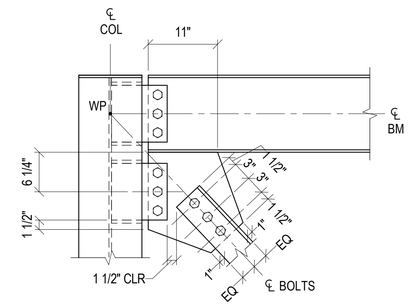
DETAIL 4 — S20.04

SCALE: 1" = 1'-0"



DETAIL 8 — S20.04

SCALE: 1" = 1'-0"



NOTES:
1. FOR INFORMATION IN COMMON REFER TO 4/S20.08.

DETAIL 12 — S20.04

SCALE: 1" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY
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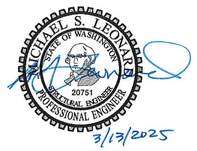
IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025



KITSAP COUNTY
DEPT. OF PUBLIC WORKS
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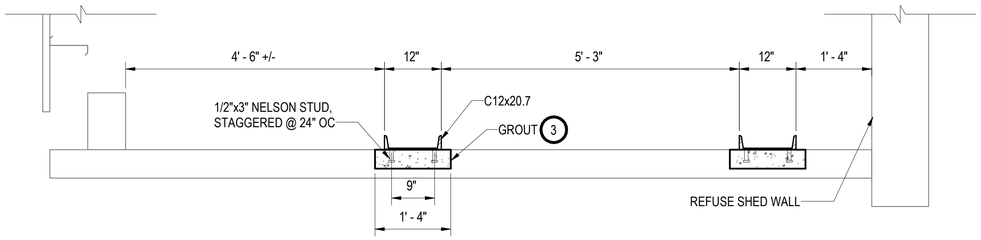
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

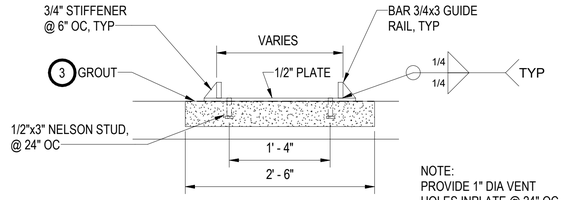
REFUSE SHED 'A' STEEL DETAILS

DRAWING NO. 84 OF 239

S20.08

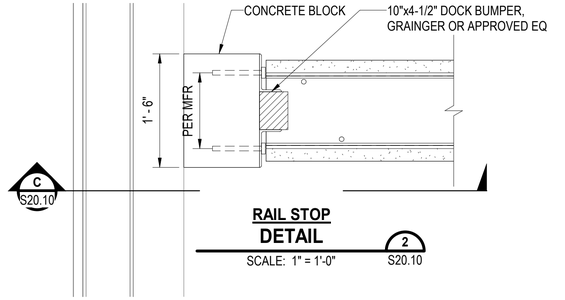


SECTION A
SCALE: 3/4" = 1'-0" S20.10

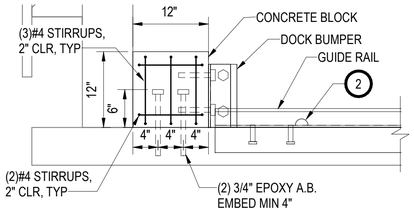


NOTE:
PROVIDE 1" DIA VENT HOLES INPLATE @ 24" OC

SECTION B
SCALE: 1" = 1'-0" S20.10



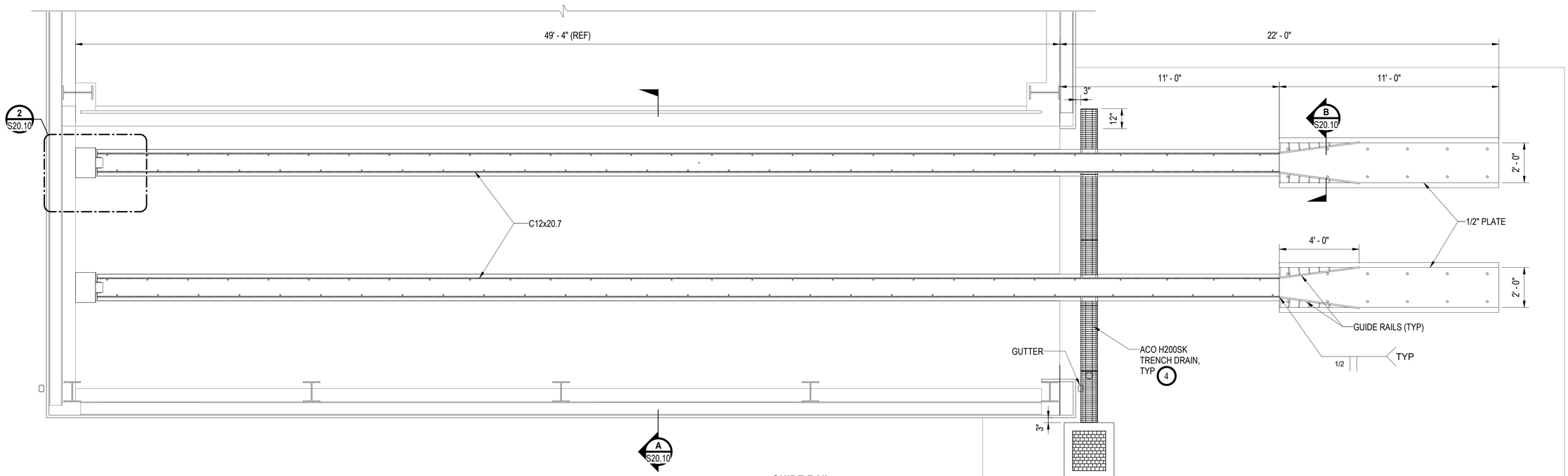
RAIL STOP DETAIL 2
SCALE: 1" = 1'-0" S20.10



RAIL STOP SECTION C
SCALE: 1" = 1'-0" S20.10

NOTES:

1. CONTRACTOR SHALL VERIFY DIMENSIONS, ELEVATIONS AND LOCATIONS PRIOR TO CONSTRUCTION.
2. 1" DIA WEEP HOLES @ 48" OC IN CHANNEL FLANGE BOTH SIDES FLUSH WITH WEB OF CHANNEL.
3. RAILS TO BE CAST INTO GROUT, 4" MIN. CONCRETE TO HAVE ROUGHENED AND CLEANED SURFACES. RAILS MAY ALSO BE CAST DIRECTLY INTO CONCRETE IN LIEU OF GROUT.
4. RUN TRENCH DRAIN UNDER RAILS. PROVIDE IRON SLOTTED TRENCH GRATING, BREAK GRATING AT RAILS. NELSON STUDS TO BE 3" CLR FROM TRENCH DRAIN.
5. PROVIDE WSDOT TYPE 1 CATCH BASIN PER STANDARD PLAN B 5.20-03 AS WELL AS A RECTANGULAR FRAME PER STANDARD PLAN B-30.10-03 AND A SOLID METAL COVER PER STANDARD PLAN B-30.20-04. CATCH BASIN TO BE MINIMUM 3" CLEAR OF EXISTING COLUMN FOOTINGS.



GUIDE RAIL PLAN
SCALE: 3/8" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED C. J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME C1447R161.rvt
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LINKE — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER
6/18/2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED A GUIDE RAIL DETAILS

DRAWING NO. 85 OF 239
S20.10

STRUCTURAL GENERAL NOTES

TYPICAL DETAILS AND THESE NOTES SHALL APPLY UNLESS NOTED OTHERWISE ON THE DRAWINGS.

USE OF DRAWINGS

USE OF DRAWINGS AND COORDINATION: USE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ARCHITECTURAL, CIVIL, MECHANICAL AND OTHER DRAWINGS FOR BIDDING AND CONSTRUCTION. COORDINATE WORK AND VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY BETWEEN TRADES. NOTIFY OWNER'S REPRESENTATIVE OF DISCREPANCIES PRIOR TO CONSTRUCTION.

DESIGN AND CONSTRUCTION CRITERIA

GOVERNING BUILDING CODE: DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION. THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS REFERENCED BY THE BUILDING CODE. IN CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

PRIMARY REFERENCE STANDARDS:
ASCE MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-16

ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS

ICC INTERNATIONAL CODE COUNCIL

DESIGN LOADS:
IN ADDITION TO THE DEAD LOADS, THE FOLLOWING LOADS WERE USED FOR DESIGN:

LIVE LOADS:

ROOF	20 PSF
OFFICES	50 PSF
PARTITIONS	20 PSF
CORRIDORS, STAIRS, EXIT FACILITIES	100 PSF
HANDRAILS/ GUARDS	50 PLF OR 200 LBS
MECH MEZZANINE	90 PSF

SNOW LOAD:
ROOF SNOW LOAD - 25 PSF, PER BUILDING OFFICIAL
SNOW DRIFT LOADS PER ASCE 7, SECTION 7.7.

WIND LOADS FOR THE MAIN WIND FORCE-RESISTING SYSTEMS:
DIRECTIONAL PROCEDURE - ALL HEIGHTS METHOD
DESIGN WIND SPEED, Vult - **97** MPH,
Vasd - **75** MPH
COMPONENTS & CLADDING WIND PRESSURES, SEE DIAGRAMS

SEISMIC LOAD:
EQUIVALENT LATERAL FORCE PROCEDURE
MAPPED SPECTRAL RESPONSE ACCELERATION, Ss – **1.48**
MAPPED SPECTRAL RESPONSE ACCELERATION, S1 – **0.527**
LONG PERIOD TRANSITION, TL – **6**
SITE CLASS – **C**
RISK CATEGORY – **II**

ATTENDENT BUILDING:
RISK CATEGORY - **II**
EXPOSURE CATEGORY – **B**, ALL FACES UON
WIND DIRECTIONALITY FACTOR, Kd – 0.85
TOPOGRAPHIC FACTOR, Kzt – **1.00**
ENCLOSURE CATEGORY – **ENCLOSED**
INTERNAL PRESSURE COEFFICIENT, ± **0.18**
COMPONENTS & CLADDING WIND PRESSURES, SEE DIAGRAMS
DESIGN WIND BASE SHEAR – **4.2**KIPS/**12.8**KIPS

SEISMIC LOAD RESISTING SYSTEM - **LIGHT-FRAME (LIGHT GAGE STEEL STUD) WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE**
RESPONSE MODIFICATION COEFFICIENT, R – **6.5**
SEISMIC IMPORTANCE FACTOR, Ie – **1.0**
DIAPHRAGM TYPE – **FLEXIBLE**
DESIGN SPECTRAL RESPONSE ACCELERATION, Sds – **1.185g**
DESIGN SPECTRAL RESPONSE ACCELERATION, Sd1 – **0.518g**
SEISMIC DESIGN CATEGORY – **D**
SEISMIC RESPONSE COEFFICIENT, Cs – **0.152**
DESIGN SEISMIC BASE SHEAR – 6.9 KIPS

SEISMIC PARAMETER TABLE

BUILDING	SEISMIC LOAD RESISTING SYSTEM	RESPONSE MODIFICATION COEFFICIENT, R	OVERSTRENGTH FACTOR, Ωo	DEFLECTION AMPLIFICATION FACTOR, Cd	SEISMIC RESPONSE COEFFICIENT, Cs	DIAPHRAGM TYPE	BASE SHEAR
ATTENDENT BUILDING	LIGHT-FRAME (STEEL GAGE) WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE	6 1/2	3	4	0.152	FLEXIBLE	6.9 KIPS

DESIGN DEFLECTIONS AND BUILDING MOVEMENT: CONTRACTOR SHALL ALLOW TOLERANCE FOR BUILDING MOVEMENT AND DEFLECTIONS WHEN INSTALLING NON-STRUCTURAL WALLS, EQUIPMENT, AND DISTRIBUTION SYSTEMS PER THE FOLLOWING DESIGN LIMITS:

BEAM AND JOISTS HAVE BEEN DESIGNED FOR THE FOLLOWING MAXIMUM VERTICAL DEFLECTIONS, WHERE "L" IS THE SPAN OF THE BEAM OR JOIST:
LIVE LOAD: L/240
DEAD LOAD + LIVE LOAD: L/180
1/2" VERTICAL MINIMUM

BUILDING ELEMENTS INCLUDING EXTERIOR CLADDING; STAIRS, ELEVATORS, AND MISCELLANEOUS METALS; MECHANICAL/ELECTRICAL/PLUMBING SYSTEM SUPPORTS; INTERIOR PARTION FRAMING; AND ANY OTHER ELEMENTS AS REQUIRED BY THE BUILDING CODE SHALL BE DESIGNED TO ACCOMMODATE THE PRIMARY STRUCTURE STORY DRIFTS WITH ANY APPLICABLE ELEMENT-SPECIFIC MODIFICATIONS PER CHAPTER 13 OF ASCE 7.

SUBMITTALS

SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE OWNER'S REPRESENTATIVE AND ENGINEER-OF-RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION. DIMENSION AND QUANTITY VERIFICATION ARE THE CONTRACTOR'S RESPONSIBILITIES AND ARE NOT REVIEWED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED, EITHER PRIOR TO OR AFTER THE ENGINEER PROCESSES THE SHOP DRAWING SUBMITTALS, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

REQUIRED SUBMITTALS:

REQUIRED SUBMITTALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

BIDDER-DESIGNED SUBMITTALS
CONCRETE MIX DESIGNS
CONCRETE REINFORCEMENT
STEEL EMBEDMENTS IN CONCRETE
STRUCTURAL STEEL
METAL GRATING

BIDDER-DESIGNED SUBMITTALS:

CALCULATIONS AND SHOP DRAWINGS FOR ELEMENTS DESIGNED BY THE CONTRACTOR OR VENDORS SHALL BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER, RETAINED BY THE CONTRACTOR AND REGISTERED IN STATE OF THE PROJECT SITE. SUBMIT THESE DOCUMENTS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION. INCLUDE ALL DESIGN LOAD AND REACTIONS ON OTHER STRUCTURES ON THE DRAWINGS. CALCULATIONS SHALL BE SUBMITTED FOR INFORMATION ONLY AND WILL NOT BE REVIEWED OR RETURNED.BIDDER-DESIGNED SUBMITTALS INCLUDE THE FOLLOWING CONTRACTOR/VENDOR DESIGNED ELEMENTS.

LIGHT-GAUGE METAL FRAMING (NOT SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS)

SUBMITTAL ACCEPTANCE: FOLLOWING ACCEPTANCE BY THE ARCHITECT AND ENGINEER AND PRIOR TO FABRICATION, ADDITIONAL TIME FOR REVIEW AND ACCEPTANCE OF SUBMITTAL BY THE BUILDING OFFICIAL IS REQUIRED AND SHALL BE IDENTIFIED AND ALLOWED FOR IN THE CONTRACTOR'S SCHEDULE.

SUBSTITUTIONS: SUBMIT SUBSTITUTION REQUESTS PER THE PROCEDURES IN THE SPECIFICATIONS WITH APPLICABLE ICC REPORTS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO DETAILING, FABRICATION AND ERECTION. ADDITIONAL ENGINEERING CALCULATIONS AND DETAILS, PROVIDED BY A STRUCTURAL ENGINEER LICENSED IN THE PROJECT SITE STATE, MAY BE REQUIRED OF THE CONTRACTOR FOR SUBSTITUTIONS THAT ARE NOT SIMILAR TO THE SPECIFIED PRODUCTS AND CONFIGURATION.

GEOTECHNICAL

REPORT INFO: THE FOUNDATIONS WERE DESIGNED TO THE REQUIREMENTS PROVIDED IN THE PROJECT GEOTECHNICAL REPORT NUMBER 170361-D-01 PREPARED BY ASPECT CONSULTING, DATED FEBRUARY 2, 2022.

SUBGRADE PREP: SUBGRADE PREPARATION INCLUDING DRAINAGE, EXCAVATION, COMPACTION, AND FILLING REQUIREMENTS SHALL CONFORM STRICTLY TO THE CONTRACT DOCUMENTS, THE RECOMMENDATIONS GIVEN IN THE GEOTECHNICAL REPORT, AND AS DIRECTED BY THE GEOTECHNICAL ENGINEER.

BACKFILL: BACKFILL RETAINING WALLS WITH FREE DRAINING GRANULAR FILL AND PROVIDE FOR SUBSURFACE DRAINAGE AS NOTED IN THE GEOTECHNICAL REPORT. DO NOT BACKFILL BEHIND WALLS BEFORE ADJACENT SUPPORTING ELEMENTS ARE COMPLETE AND CURED. ALTERNATIVELY, PROVIDE DESIGN AND CONSTRUCTION OF TEMPORARY BRACING THAT PROTECTS THE WALL AGAINST OVERSTRESS OR MOVEMENT.

FOOTINGS: FOOTINGS SHALL BEAR ON SOLID UNDISTURBED EARTH (CONTROLLED, COMPACTED STRUCTURAL FILL OR BOTH) AT LEAST FROST DEPTH BELOW LOWEST ADJACENT FINISHED GRADE. FOOTING DEPTHS/ELEVATIONS SHOWN ON PLANS AND DETAILS ARE MINIMUM AND FOR GUIDANCE ONLY. ESTABLISH THE ACTUAL BOTTOM-OF-FOOTING ELEVATIONS IN THE FIELD, BASED UPON THE GEOTECHNICAL ENGINEER'S ON-SITE OBSERVATIONS AND ADDITIONAL TESTING, IF REQUIRED, THAT WILL ACHIEVE THE ALLOWABLE DESIGN BEARING PRESSURE.

ALLOWABLE SOIL BEARING PRESSURE – **3,000** PSF
FROST DEPTH – **18 INCHES**

COEFFICIENT OF FRICTION – **0.45** (FACTOR OF SAFETY= **1.5**)

RETAINING WALLS		
UNRESTRAINED	**35 PCF**	(EQUIVALENT FLUID PRESSURE)
RESTRAINED	**55 PCF**	(EQUIVALENT FLUID PRESSURE)
SEISMIC	**8 PCF**	(EQUIVALENT FLUID PRESSURE)
PASSIVE	**300 PCF**	(EQUIVALENT FLUID PRESSURE)

COEFFICIENT OF FRICTION – **0.45** (FACTOR OF SAFETY= **1.5**)

GEOTECH APPROVAL: THE GEOTECHNICAL ENGINEER SHALL OBSERVE AND APPROVE PREPARED SOIL BEARING SURFACES PRIOR TO PLACEMENT OF REINFORCING STEEL AND CASTING OF FOOTING. THE GEOTECHNICAL ENGINEER OR AN APPROVED TESTING LAB SHALL OBSERVE SOIL COMPACTION WORK.

BEARING SURFACES: VERIFY AND APPROVE THE BEARING SURFACES. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF A GEOTECHNICAL ENGINEER OR QUALIFIED TESTING AGENCY TO APPROVE QUESTIONABLE BEARING SURFACES.

EXCAVATION: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, UNDERPINNING AND PROTECTION OF EXISTING CONSTRUCTION. COMPLY WITH ALL APPLICABLE OSHA AND WISHA REGULATIONS.

COMPACTION: MECHANICALLY COMPACT EXCAVATION BACKFILL IN LAYERS. PROVIDE THE FOLLOWING MINIMUM COMPACTION IN ACCORDANCE WITH THE ASTM D1557 TEST METHOD UNLESS NOTED OTHERWISE IN THE GEOTECHNICAL REPORT:

CONCRETE

MIX DESIGNS: MIX DESIGNS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE AND STRUCTURAL ENGINEER FOR ACCEPTANCE TWO WEEKS PRIOR TO PLACING ANY CONCRETE. THE MAXIMUM WATER-CEMENT RATIO AND SLUMP SHALL BE AS SHOWN IN TABLE I FOR VARIOUS CONCRETE STRENGTHS (f'c) BASED ON STANDARD 28-DAY CYLINDER TESTS.

CONCRETE MIX DESIGNS								
AREA	MIN F'c (PSI) 28 DAYS	MAX W/C	ENTRAINED AIR	FLY ASH	MAXIMUM AGGREGATE	EXPOSURE CLASS	REQUIRED ADDITIVES	PERFORMANCE REQUIREMENTS
ALL CONCRETE, UON	4,500	0.45	6%	15-20%	1"	F2	- -	- -
ATTENDANT BLDG SLABS ON GRADE	4,000	0.44	-	15-20%	1"	W0	-	-
FOOTINGS & EXTERIOR SLABS & WALLS	4,500	0.45	6%	15-20%	3/4"	F2	-	-

REINFORCING STEEL MATERIALS:

DEFORMED BARS	ASTM A615, GRADE 60
SPECIAL DUCTILE QUALITY WELDABLE DEFORMED BARS	ASTM A706, GRADE 60 LOW ALLOY
SMOOTH WELDED WIRE FABRIC (WWF)	ASTM A185 (Fy = **65,000 PSI**)

CONCRETE PROTECTION: COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

FOOTINGS AND OTHER UNFORMED SURFACES, EARTH FACE	**3"**
FORMED SURFACES EXPOSED TO EARTH OR WEATHER	
#6 BARS OR LARGER	**2"**
#5 BARS OR SMALLER	**1-1/2"**
COLUMN TIES OR SPIRALS AND BEAM STIRRUPS	**1-1/2"**
SLABS AND WALLS (INTERIOR FACE)	**3/4"**

NON-SHRINK GROUT: NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE MINIMUM 28-DAY GROUT COMPRESSIVE STRENGTH SHALL BE **6000 PSI**, UNLESS NOTED OTHERWISE.

EPOXY LEVELING GROUT: COMPLY WITH ASTM C881 WITH **12,000 PSI** MINIMUM COMPRESSIVE STRENGTH.

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 2019.128
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
3/13/2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING & WARMING STATION
STRUCTURAL GENERAL NOTES
SHEET 1 OF 2

DRAWING NO. 86 OF 239
S30.01

STRUCTURAL GENERAL NOTES

CONCRETE CONTINUED

AIR CONTENT: AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260 SHALL BE USED IN ALL CONCRETE MIXES FOR WORK THAT IS EXPOSED TO WEATHER. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE END OF THE PLACING HOSE. ENTRAINED AIR SHALL BE AS NOTED +/- 1.5% BY VOLUME.

REINFORCING STEEL DETAILING: REINFORCING STEEL SHALL BE SUPPORTED AS SPECIFIED BY THE PROJECT SPECIFICATIONS AND THE CRSI MANUAL OF STANDARD PRACTICE. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 – DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.

REBAR SPLICES: LAP REINFORCING BARS AS NOTED ON THE DRAWINGS. WHERE SPLICE LENGTH IS NOT SHOWN, USE TYPE 'Ls' SPLICE PER DEVELOPMENT AND SPLICE LENGTH SCHEDULE. MECHANICAL OR WELDED BUTT SPLICES SHALL BE SUBJECT TO STRUCTURAL ENGINEER'S APPROVAL. MECHANICAL SPLICES, WHERE ALLOWED ON THE PLANS, SHALL DEVELOP 125% OF THE SPECIFIED YIELD STRENGTH OF THE SPLICED BARS IN BOTH TENSION AND COMPRESSION.

FIELD BENDING: NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY DETAILED AS SUCH OR APPROVED BY THE STRUCTURAL ENGINEER.

WELDING: REINFORCING BARS SHALL NOT BE WELDED OR TACK WELDED TO OTHER BARS OR TO PLATES, ANGLES, ETC. UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. WELDING SHALL CONFORM TO THE REQUIREMENTS OF AWS DI.4. WELDING SHALL BE DONE BY AWS/**WABO** CERTIFIED WELDERS QUALIFIED FOR WELDS USING APPROVED ELECTRODES.

EXPANSION ANCHORS: EXPANSION ANCHORS INSTALLED INTO CONCRETE SHALL BE HILTI KWIK BOLT TZ, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-1917.

STAINLESS STEEL EXPANSION ANCHORS, WHERE CALLED OUT, INSTALLED INTO CONCRETE SHALL BE HILTI KWIK BOLT TZ, TYPE 316 STAINLESS STEEEL, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-1917.

ADHESIVE ANCHORS AND EPOXIED REINFORCING BARS: PLACEMENT AND CURING SHALL BE CONDUCTED WITH CONCRETE AND AIR TEMPERATURES ABOVE 50 DEGREES. APPLY EPOXY ONLY TO CLEAN, DRY CONCRETE. PROVIDE POSITIVE PROTECTION SO DOWELS ARE NOT DISTURBED DURING THE CURING PERIOD.

ADHESIVE ANCHORS AND REINFORCING BARS SHALL BE EPOXIED INTO CONCRETE WITH HILTI HY-200 ADHESIVE, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-3187. ADHESIVE ANCHOR RODS SHALL BE HILTI HIT-Z THREADED RODS, OR APPROVED EQUIVALENT, UNLESS NOTED OTHERWISE.

STAINLESS STEEL ADHESIVE ANCHORS AND REINFORCING BARS, WHERE CALLED OUT, SHALL BE EPOXIED INTO CONCRETE WITH HILTI HY-200 ADHESIVE, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-3187. ADHESIVE ANCHOR RODS SHALL BE ASTM F593 TYPE 316 STAINLESS STEEL THREADED RODS, OR APPROVED EQUIVALENT.

SCREW ANCHORS: CONCRETE HEAVY DUTY SCREW ANCHORS SHALL BE SIMPSON TITEN HD, OR APPROVED EQUIVALENT. THE ANCHOR SHALL BE MECHANICALLY GALVANIZED PER ASTM B695, CLASS 55. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR 2713.

POST-INSTALLED DRILLING: HOLES FOR INSTALLING REINFORCING BARS, BOLTS, THREADED RODS AND INSERTS INTO CONCRETE SHALL BE DRILLED BY THE ICC APPROVED DRILLING METHOD FOR THE ANCHOR. CHIP AWAY A SUFFICIENT QUANTITY OF CONCRETE COVER TO LOCATE EXISTING REINFORCING PRIOR TO DRILLING. DO NOT CUT EXISTING REINFORCING.

POWDER-ACTUATED FASTENERS: DRIVE PINS AND OTHER POWDER-ACTUATED FASTENERS SHALL BE HILTI LOW VELOCITY TYPES OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR 2269.

SLAB SURFACING: PROVIDE CURING, FINISHING & SEALING OF SLABS PER ACI 302.1 GUIDELINES. PROVIDE **CLASS 1** FLOOR FINISH WITH A FLATNESS/LEVELNESS OF **25/20 (16/13 MIN)**, UNLESS SHOWN ON ARCHITECTURAL DRAWINGS OR OTHERWISE NOTED. PROVIDE CURING USING A LIQUID MEMBRANE-FORMING CURING COMPOUND. PROVIDE A POLYETHYLENE (PLASTIC) FILM WHERE WEATHER/TEMPERATURE CONDITIONS REQUIRE ADDITIONAL PROTECTION FOR CURING.

FINISH	LOCATION
FLOAT	ALL FOOTINGS, UON
TROWEL	TOP OF WALLS, SLAB SURFACES TO BE EXPOSED TO VIEW OR TO RECEIVE RESILIENT FLOORING
TROWEL & NONSLIP BROOM	ALL FINISHED FLOOR SURFACES, UON
FLOAT & NONSLIP BROOM	ALL SLABS NOT RECEIVING TROWEL & NONSLIP BROOM FINISH
FLOAT & TINE	FLOOR AREAS TO RECEIVE COLORED ABRASIVE RESISTANT TOPPING MIX
POLISHED	WHERE INDICATED ON DRAWINGS

SLAB CONTROL JOINTS: PROVIDE CONTROL JOINTS THAT DIVIDE THE SLAB-ON-GRADE INTO RECTANGULAR AREAS OF **225** SF OR LESS WITH LENGTH TO WIDTH RATIOS OF 1.5 OR LESS. SUBMIT JOINT LOCATIONS TO OWNER'S REPRESENTATIVE FOR APPROVAL.

WALL CONTROL JOINTS: PROVIDE VERTICAL CONTROL JOINTS THAT ARE NOT GREATER THAN **20** FEET ON CENTER. LOCATE JOINTS AT REVEALS WHERE INDICATED ON THE ARCHITECTURAL DRAWINGS. SUBMIT JOINT LOCATIONS TO OWNER'S REPRESENTATIVE FOR APPROVAL.

STEEL

STRUCTURAL STEEL MATERIALS:

WIDE FLANGE SHAPES	ASTM A992, Fy = 50 KSI
HOLLOW STRUCTURAL SECTIONS (HSS)	
TUBES	ASTM A500, GRADE B, Fy = 46 KSI
STEEL PIPE	ASTM A53, GRADE B, Fy = 35 KSI
OTHER STEEL SHAPES	ASTM A36, Fy = 36 KSI
STRUCTURAL BOLTS	ASTM F3125 GRADE A325 OR A490, TYPE 1 OR 3
ANCHOR BOLTS	ASTM F1554, GRADE 36
THREADED RODS	ASTM A36
WELDING ELECTRODES	E70XX
DEFORMED BAR ANCHORS (DBA)	ASTM A1064, Fy = 70 KSI
WELDED HEADED STUDS (WHS)	ASTM A108, Fy = 50 KSI
WELDED THREADED STUDS (WTS)	ASTM A108, Fy = 50 KSI

MISC STEEL: STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE REQUIREMENTS OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION AIDS AND JOINT PREPARATIONS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES AND OTHER AIDS, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES, AND TAPERS OF UNEQUAL PARTS.

GALVANIZING: STRUCTURAL STEEL AND CONNECTIONS EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN COMPLIANCE WITH ASTM A123. GALVANIZE BOLTS AND SIMILAR THREADED FASTENERS EXPOSED TO WEATHER IN ACCORDANCE WITH ASTM A153, CLASS C AND D, AS APPLICABLE. ALL FIELD WELDS EXPOSED TO WEATHER SHALL BE COATED WITH BRUSH APPLIED ZINC-RICH PAINT COMPLYING WITH ASTM A780 (GALVACON OR EQUIVALENT).

PAINTING: STRUCTURAL STEEL SHALL BE PRIMED AND PAINTED, IF NOTED ON THE ARCHITECTURAL DRAWINGS OR SPECIFICATIONS. PRIMER SHALL BE THE FABRICATOR'S STANDARD LEAD AND CHROMATE FREE, NON-ASPHALTIC, RUST-INHIBITING PRIMER. STEEL ANCHORS AND TIES AND OTHER MEMBERS EMBEDDED IN CONCRETE OR MASONRY SHALL BE LEFT UNPAINTED.

HIGH-STRENGTH BOLTS: HIGH-STRENGTH BOLTS SHALL BE INSTALLED, TIGHTENED AND INSPECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS. THE CRITERIA FOR SLIP-CRITICAL CLASS A FAYING SURFACE CONNECTIONS SHALL APPLY TO CONNECTIONS UNLESS SPECIFICALLY NOTED AS SNUG TIGHT. SLIP-CRITICAL CONNECTIONS SHALL USE LOAD INDICATOR WASHERS OR TENSION CONTROL BOLTS. BOLT HOLES SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.

MINIMUM CONNECTIONS: MINIMUM CONNECTIONS SHALL BE A TWO-BOLT CONNECTION USING 7/8-INCH DIAMETER GRADE A325 BOLTS IN SINGLE SHEAR.

ANCHOR RODS: ANCHOR RODS SHALL BE HEADED BOLTS EMBEDDED INTO CONCRETE AS SHOWN IN THE DETAILS.

A307 BOLTS: PROVIDE WITH LOCK WASHERS UNDER NUTS OR SELF-LOCKING NUTS. BOLT HOLES SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.

ARCHITECTURALLY EXPOSED STEEL: ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL CONFORM TO THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, SECTION 10.

WELDING: WELDING SHALL BE IN CONFORMANCE WITH AISC AND AWS STANDARDS AND SHALL BE PERFORMED BY AWS/WABO CERTIFIED WELDERS, WHO ARE QUALIFIED FOR THE WELD TYPE THEY PERFORM, USING E70XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY AWS) SHALL BE USED. WELDS SHOWN ON THE DRAWINGS ARE THE MINIMUM SIZE. INCREASE WELD SIZE TO AWS MINIMUM SIZES BASED ON PLATE THICKNESS. MINIMUM WELDING SHALL BE 3/16 INCH. SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS.

SHEAR CONNECTOR STUDS AND DEFORMED BAR ANCHORS: ACCEPTABLE TYPES OF SHEAR STUDS SHALL BE TRU-WELD (ICC ESR-2577), OR NELSON (ICC ESR-2856). ACCEPTABLE TYPES OF DEFORMED BAR ANCHORS SHALL BE TRU-WELD (ICC ESR-2823), OR NELSON "D2L" (ICC ESR-2907).

STUD AND DEFORMED BAR LENGTHS AFTER WELD SHALL BE AS SHOWN ON THE DRAWINGS. SHEAR STUDS SHALL BE 3/4-INCH, DIAMETER UNLESS OTHERWISE NOTED. ALL STUDS AND DEFORMED BAR ANCHORS SHALL BE AUTOMATICALLY END WELDED IN SHOP OR FIELD WITH EQUIPMENT RECOMMENDED BY MANUFACTURER. SHEAR CONNECTOR STUDS FOR SOLDIER PILES SHALL BE ATTACHED IN THE FIELD AND WELDED IN THE HORIZONTAL POSITION. STEEL STUD MATERIAL, WELDING, AND INSPECTION SHALL BE IN ACCORDANCE WITH AWS D1.1.

ATTACHMENT TO WOOD: STEEL COLUMNS AND POSTS LOCATED WITHIN WOOD STUD WALLS SHALL BE FASTENED TO THE WALL(S) WITH 5/8" DIAMETER WELDED THREADED STUDS SPACED AT 18" OC ON THE COLUMN OR POST.

PROJECT WELDERS: PROJECT WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH THE WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO) FOR ALL OF THE WELDING POSITIONS NECESSARY TO COMPLETE THE WORK.

COLD FORMED METAL FRAMING

MEMBER CALLOUTS: COLD-FORMED STEEL FRAMING SHALL BE OF THE TYPE, SHAPE, SIZE, GAUGE AND SPACING AS SHOWN ON THE DRAWINGS. MEMBER CALLOUTS REFER TO PRODUCTS MANUFACTURED BY STEEL STUD MANUFACTURERS ASSOCIATION (SSMA), ICC REPORT ESR-3064P

MATERIAL PROPERTIES: **16 GAGE** AND HEAVIER COLD-FORMED STRUCTURAL TRACKS, STUDS AND JOISTS SHALL BE FORMED FROM ASTM A653, STEEL WITH A MINIMUM Fy = 50 KSI. ALL **18 GAGE** AND LIGHTER COLD-FORMED STRUCTURAL TRACKS, STUDS AND JOISTS SHALL BE FORMED FROM ASTM A653, WITH A MINIMUM Fy = 33 KSI. ALL STUDS, TRACKS AND JOISTS SHALL BE GALVANIZED. STUDS,RUNNERS (TRACK), BRACING AND BRIDGING SHALL BE MANUFACTURED PER ASTM SPECIFICATION C 955.

JOIST BEARING: THE JOISTS SHALL HAVE A MINIMUM **BEARING OF 1.5"** AND THEIR WEBS SHALL BE PERPENDICULAR TO THE BEARING SURFACE.

FASTENINGS: FASTENINGS SHALL BE AS SHOWN ON THE DRAWINGS. FASTENINGS NOT SHOWN SHALL BE AS RECOMMENDED BY THE MANUFACTURER. MINIMUM CONNECTIONS SHALL BE ACCOMPLISHED WITH SELF-DRILLING SCREWS (MINIMUM (2) **NO. 8-18** IN EACH MEMBER) OR WELDING (MINIMUM, **1/8" x 1" FILLET WELDS**), AT THE TOP AND BOTTOM OF THE RESPECTIVE MEMBERS WEB.

LT GA CONNECTORS: LIGHT GAUGE STEEL CONNECTOR CALLOUTS REFER TO "STRONG-TIE" PRODUCTS MANUFACTURED BY SIMPSON COMPANY. INSTALL CONNECTORS ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND THE DRAWINGS.

SPECIAL INSPECTION

SPECIAL INSPECTION REQUIREMENTS: SPECIAL INSPECTION IS REQUIRED IN ACCORDANCE WITH IBC SECTION 1704, THE DRAWINGS AND THE PROJECT SPECIFICATIONS. THESE INSPECTIONS SHALL BE PERFORMED BY A TESTING AGENCY, DESIGNATED BY THE OWNER'S REPRESENTATIVE, QUALIFIED TO PERFORM THE TYPES OF INSPECTIONS SPECIFIED. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE FURNISHED WITH COPIES OF ALL INSPECTION REPORTS AND TEST RESULTS, AS WELL AS A FINAL SIGNED REPORT FOR THE INSPECTED ITEMS.

INSPECTION COORDINATION: COORDINATE THE INSPECTIONS BY PROVIDING ADEQUATE NOTICE TO THE INSPECTION AGENCY AND OWNER'S CONSTRUCTION REPRESENTATIVE OF DATES WHEN WORK IS READY FOR INSPECTION, AND BY PROVIDING ALLOWANCE IN THE SCHEDULE FOR THE SPECIFIED INSPECTIONS TO OCCUR.

STRUCTURAL OBSERVATION: THE STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE REGISTERED DESIGN PROFESSIONAL IN CHARGE FOR STRUCTURAL DESIGN. THE STRUCTURAL OBSERVER SHALL BE REGISTERED/ LICENSED TO PRACTICE IN THE PROJECT STATE. THE STRUCTURAL OBSERVER SHALL SUBMIT TO INSPECTION SERVICES A WRITTEN STATEMENT THAT SITE VISITS HAVE BEEN MADE AND IDENTIFYING ANY REPORTED DEFICIENCIES THAT TO THE BEST OF THE STRUCTURAL OBSERVER'S KNOWLEDGE HAVE NOT BEEN RESOLVED. THE STRUCTURE WILL NOT BE IN COMPLIANCE UNTIL THE REGISTERED DESIGN PROFESSIONAL HAS NOTIFIED INSPECTION SERVICES THAT ALL DEFICIENCIES ARE RESOLVED. THE FOLLOWING SCHEDULE SUMMARIZES STRUCTURAL OBSERVATIONS TO BE PERFORMED.

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 2019.128
DATE AUGUST 2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING & WARMING STATION
STRUCTURAL GENERAL NOTES SHEET 2 OF 2

DRAWING NO. 87 OF 239
S30.02

SPECIAL INSPECTION TABLES

IBC TABLE 1705.6
REQUIRED SPECIAL INSPECTION AND TESTS OF SOILS

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	APPLICABLE TO PROJECT?
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X	YES
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X	YES
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X	YES
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-	YES
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X	YES

IBC TABLE 1705.3
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	APPLICABLE TO PROJECT?
1. INSPECT REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	-	X	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4	YES
2. REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706. b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND c. INSPECT ALL OTHER WELDS.	- - X	X X -	AWS D1.4 ACI 318: 26.6.4	-	YES
3. INSPECT ANCHORS CAST IN CONCRETE.	-	X	ACI 318: 17.8.2	-	YES
4. INSPECTION OF ANCHORS POST INSTALLED IN HARDENED CONCRETE MEMBERS[b]. a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	X -	- X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-	YES
5. VERIFYING USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3	YES
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10	YES
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8	YES
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 26.5.3 - 26.5.5	1908.9	YES
9. INSPECTION OF PRESTRESSED CONCRETE: a. APPLICATION OF PRESTRESSING FORCES; AND b. GROUTING OF BONDED PRESTRESSING TENDONS.	X X	- -	ACI 318: 26.10	-	YES
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: 26.9	-	YES
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.11.2	-	YES
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11.1.2(b)	-	YES
13. INSPECT FORMWORK FOR GENERAL CONFORMITY TO APPROVED PLANS FOR SIZE AND SHAPE OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11.1.2(b)	-	

TABLE NOTES:

b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 OF ACI 318 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

AISC 360, CHAPTER N
REQUIRED QUALITY CONTROL, QUALITY ASSURANCE, AND NONDESTRUCTIVE TESTING FOR STRUCTURAL STEEL SYSTEMS AND STEEL ELEMENTS OF COMPOSITE MEMBERS FOR BUILDINGS AND OTHER STRUCTURES

VERIFICATION AND INSPECTION	COMMENTS	AISC 360 REFERENCE	APPLICABLE TO PROJECT?
1. REVIEW MATERIAL TEST REPORTS AND CERTIFICATIONS LISTED IN AISC 360, SECTION N3.2. FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.	-	SECTION N3.2	YES
2. PRIOR TO CONCRETE PLACEMENT, INSPECTOR SHALL BE ON THE PREMISES DURING PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS THAT SUPPORT STRUCTURAL STEEL. VERIFY COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS: a. DIAMETER. b. GRADE. c. TYPE. d. LENGTH. e. EMBEDMENT DEPTH.	-	SECTION N5.8	YES
3. INSPECT THE ERECTED STEEL TO VERIFY COMPLIANCE WITH DETAILS ON THE CONSTRUCTION DOCUMENTS: a. BRACES. b. STIFFENERS. c. MEMBER LOCATIONS. d. PROPER APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	-	SECTION N5.8	YES
4. INSPECTION TASKS PRIOR TO WELDING	-	TABLE N5.4-1	YES
5. INSPECTION TASKS DURING WELDING	-	TABLE N5.4-2	YES
6. INSPECTION TASKS AFTER WELDING	-	TABLE N5.4-3	YES
7. NONDESTRUCTIVE TESTING OF WELDED JOINTS	a	SECTION N5.5	YES
8. INSPECTION TASKS PRIOR TO BOLTING	-	TABLE N5.6-1	YES
9. INSPECTION TASKS DURING BOLTING	-	TABLE N5.6-2	YES
10. INSPECTION TASKS AFTER BOLTING	-	TABLE N5.6-3	YES
11. INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT	-	TABLE N6.1	YES

TABLE NOTES:

a. WELDED JOINTS SUBJECT TO (NON-SEISMIC) FATIGUE SHALL BE TESTED PER SECTION N5.5c.
b. SPECIAL INSPECTION OF RAILING SYSTEMS COMPOSED OF STRUCTURAL STEEL ELEMENTS SHALL BE LIMITED TO WELDING INSPECTION OF WELDS AT THE BASE OF CANTILEVERED RAIL POSTS, PER IBC 1705.2.1

REQUIRED VERIFICATION AND INSPECTION OF COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	COMMENTS	IBC REFERENCE	APPLICABLE TO PROJECT?
1. INSPECTION OF PREFABRICATED STRUCTURAL ELEMENTS AND ASSEMBLIES.	-	X	a	1704.2.5	YES
2. COLD-FORMED STEEL TRUSSES SPANNING 60 FEET OR GREATER.	-	X	b	1705.2.4	YES
3. INSPECTION OF WELDING OPERATIONS OF ELEMENTS OF THE SEISMIC-FORCE RESISTING SYSTEM.	-	X	-	1705.12.3	YES
3. INSPECTION OF WELDING OPERATIONS OF ELEMENTS OF THE SEISMIC-FORCE RESISTING SYSTEM PER AWS D1.3.	-	X	-	1705.12.3	YES
4. INSPECTION OF SCREW ATTACHMENT, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS WITHIN THE SEISMIC-FORCE RESISTING SYSTEM INCLUDING: SHEAR WALLS BRACES DIAPHRAGMS COLLECTORS (DRAG STRUTS) HOLD-DOWNS	-	X	c, d	1705.12.3	YES
5. INSTALLATION OF COLD-FORMED STEEL SPECIAL BOLTED MOMENT FRAMES.	-	X	SDC D OR HIGHER	1705.12.9	YES

SDC C OR HIGHER, SEE 1705.12.3

TABLE NOTES:

a. SHOP INSPECTION FOR PREFABRICATED TRUSSES, ETC. INSPECTION NOT REQUIRED WHERE FABRICATOR HAS BEEN APPROVED TO PERFORM THE WORK PER IBC 1704.2.5.1.
b. VERIFICATION OF TEMPORARY AND PERMANENT RESTRAINT / BRACING INSTALLATION.
c. SPECIAL INSPECTION NOT REQUIRED WHERE THE SHEATHING IS GYPSUM BOARD OR FIBERBOARD.
d. SPECIAL INSPECTION NOT REQUIRED FOR; SHEAR WALLS SHEATHED ON ONE SIDE ONLY, AND DIAPHRAGMS WHERE THE SHEATHING FASTENER SPACING EXCEEDS 4 IN OC.

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CHECKED A. Eversman
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING & WARMING STATION STRUCTURAL SPECIAL INSPECTION TABLES

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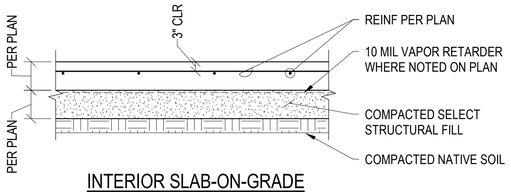
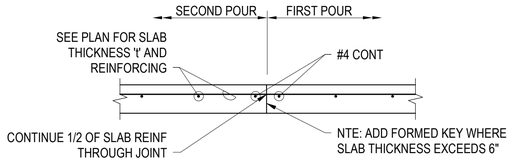
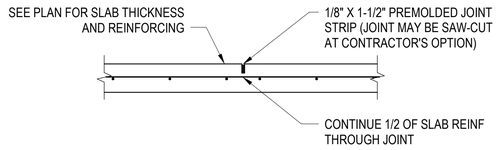


INTERIOR SLAB-ON-GRADE

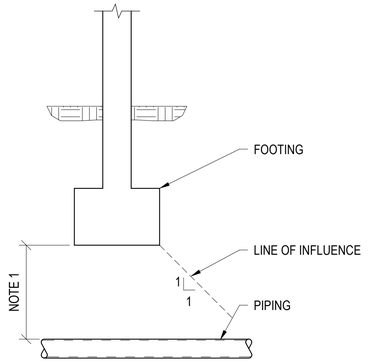


CONSTRUCTION JOINT

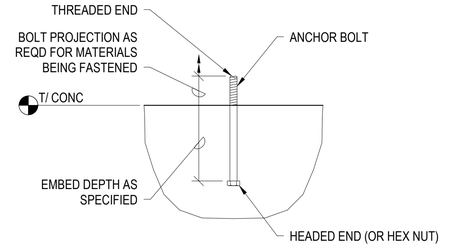


CONTROL JOINT

SLAB-ON-GRADE
TYPICAL DETAIL 1
NO SCALE -



PIPE BELOW FOOTING
TYPICAL DETAIL 3
NO SCALE -

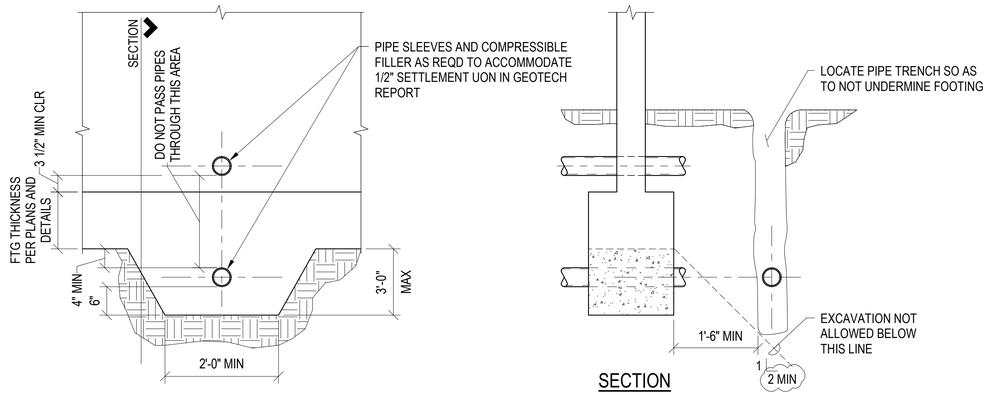


CAST-IN-PLACE ANCHOR BOLT
TYPICAL DETAIL 4
NO SCALE -

f'c = 4000 PSI	SPLICE AND DEVELOPMENT LENGTHS BASED ON ACI 318-14							
BAR SIZE	TENSION LAP LENGTH, L_s		TENSION DEV LENGTH, L_d		COMP LAP LENGTH, L_{CS}	COMP DEV LENGTH, L_{CD}	STANDARD HOOK	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS			LENGTH, L_{dh}	HOOK
CLASS	B	B						
#3	25	20	20	15	12	8	7	6
#4	33	25	25	19	15	9	9	8
#5	40	31	31	24	19	12	12	10
#6	48	38	38	29	23	14	14	12
#7	70	55	55	42	26	17	17	14
#8	81	62	62	48	30	19	19	15
#9	91	70	70	54	34	21	21	19
#10	103	79	79	61	38	24	24	21
#11	113	87	87	67	42	27	27	23

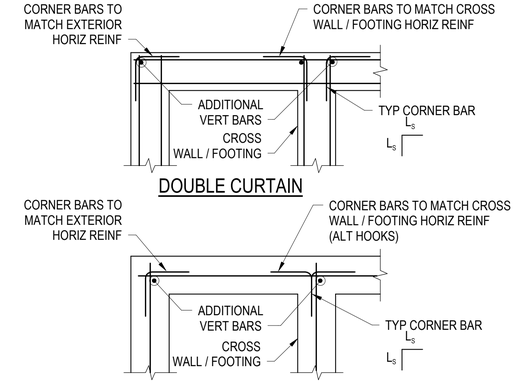
NOTES:
1. USE THE LENGTHS IN THESE SCHEDULES, UNLESS OTHERWISE NOTED. ALL VALUES IN INCHES.
2. f'c = PER GENERAL NOTES
   Fy = 60,000 PSI
3. LAP SPLICES SHALL BE 'CLASS B', UNLESS OTHERWISE NOTED ON PLANS.
4. A TOP BAR IS A HORIZONTAL BAR WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW IT.
5. MULTIPLY LENGTHS BY 1.5 IF MIN CENTER-TO-CENTER SPACING < 3x BAR DIAMETERS OR MIN CLEAR COVER < 1 BAR DIAMETER.
6. STAGGER ADJACENT LAP SPLICES BY THE GREATER OF 40d OR 24".

ASSUMPTIONS:
CONCRETE IS NORMAL WEIGHT.
REINFORCEMENT IS UNCOATED OR ZINC-COATED (GALVANIZED).
CONFINING REINFORCEMENT DOES NOT EXIST FOR MODIFICATION FACTOR.



SECTION

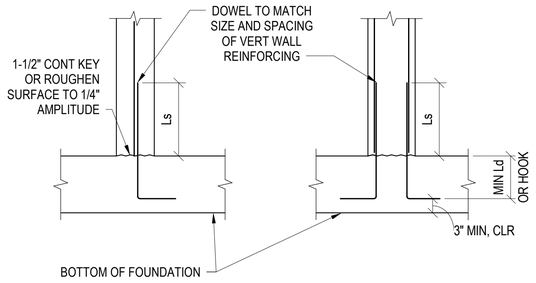
PIPE AND TRENCH LOCATIONS AT FOOTINGS / WALLS
TYPICAL DETAIL 5
NO SCALE -



DOUBLE CURTAIN

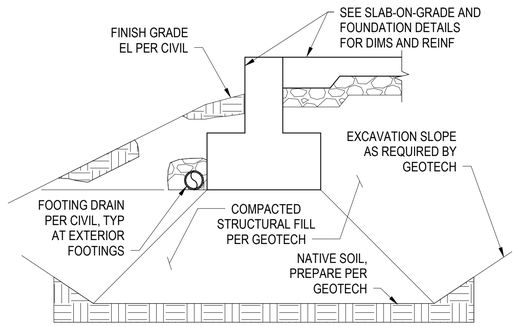
SINGLE CURTAIN

CONC WALL AND FOOTING CORNER BARS
TYPICAL DETAIL 7
NO SCALE -



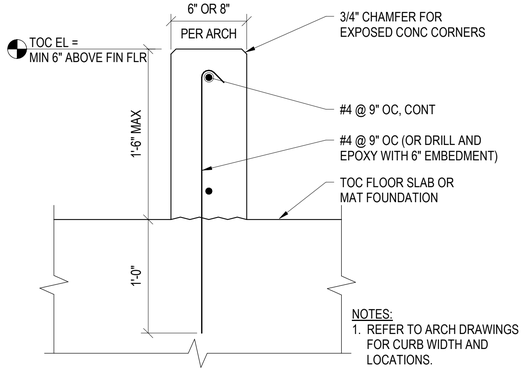
SINGLE LAYER REINFORCING DOUBLE LAYER REINFORCING

WALL DOWEL AT FOUNDATION
TYPICAL DETAIL 9
NO SCALE -



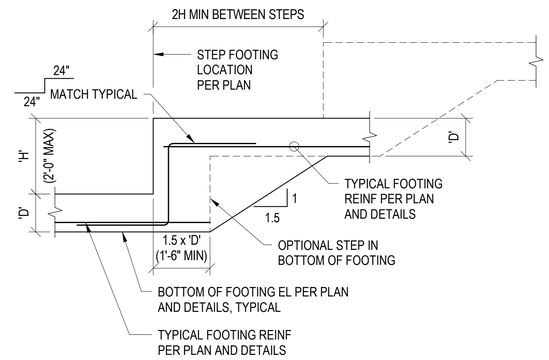
NOTES:
1. SLOPED GRADES SHOWN ARE ONLY TO INDICATE GRADE LIMITATIONS RELATIVE TO FOOTINGS. SEE CIVIL DRAWINGS FOR ACTUAL SITE GRADING.

FOOTING SUBGRADE REQUIREMENTS
TYPICAL DETAIL 10
NO SCALE -



NOTES:
1. REFER TO ARCH DRAWINGS FOR CURB WIDTH AND LOCATIONS.

PARTITION / NON-BEARING WALL CONCRETE CURB
TYPICAL DETAIL 11
NO SCALE -



CONCRETE DEVELOPMENT AND SPLICE LENGTH
TYPICAL DETAIL 8
NO SCALE -

STEPPED FOOTING
TYPICAL DETAIL 12
NO SCALE -

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 2019.128
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — PROFESSIONAL ENGINEER
3/13/2025

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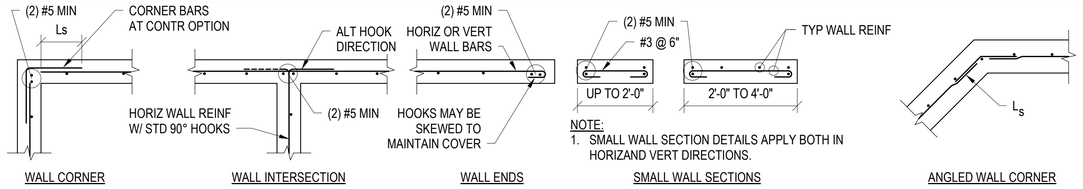
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

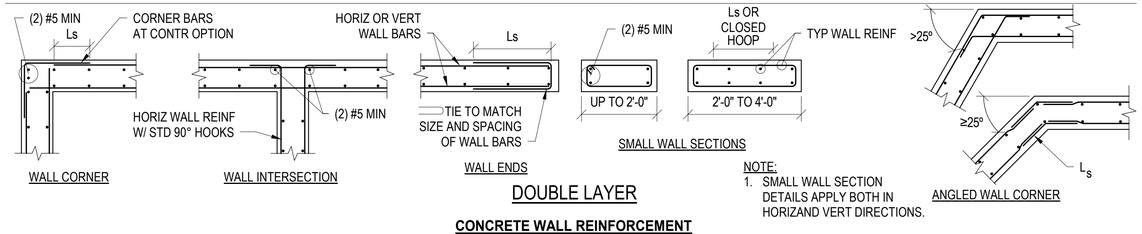
ATTENDANT BUILDING & WARMING STATION
TYPICAL CONCRETE DETAILS SHEET 1 OF 2

DRAWING NO. 89 OF 239
S30.04



NOTE:
1. SMALL WALL SECTION DETAILS APPLY BOTH IN HORIZAND VERT DIRECTIONS.

SINGLE LAYER



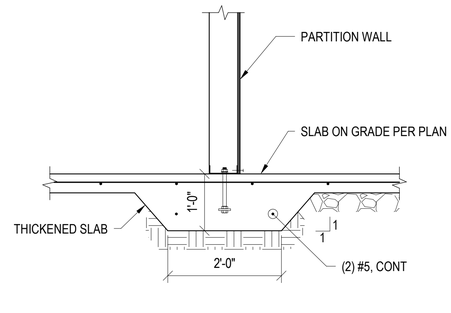
NOTE:
1. SMALL WALL SECTION DETAILS APPLY BOTH IN HORIZAND VERT DIRECTIONS.

DOUBLE LAYER

CONCRETE WALL REINFORCEMENT

TYPICAL DETAIL 1

NO SCALE -



TYPICAL FOOTING - INTERIOR LIGHT GUAGE WALL

TYPICAL DETAIL 3

SCALE: SCALE: NTS -

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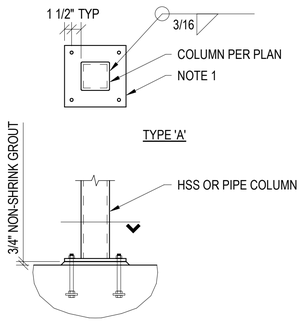
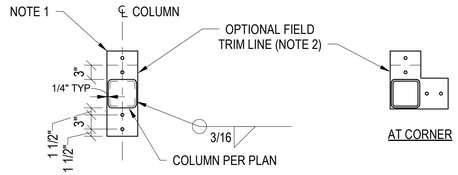
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING & WARMING STATION TYPICAL CONCRETE DETAILS SHEET 2 OF 2

DRAWING NO.
90 OF 239

S30.05





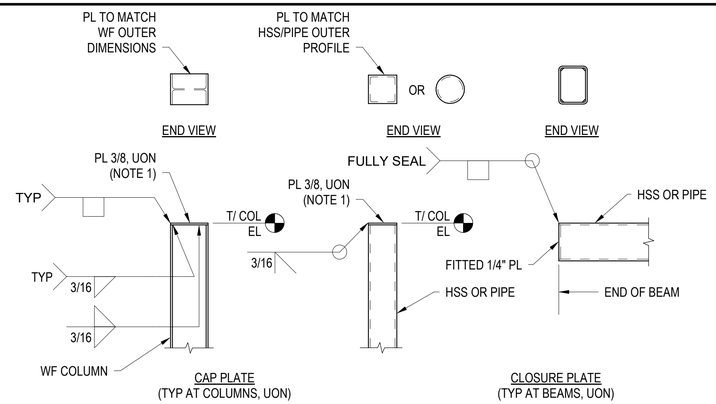
NOTES:

1. 5/8" BASE PLATE WITH (4) 3/4" Ø ANCHOR BOLTS (EMBED) 6", UON.
2. AT TRIM LINE SHOWN, END OF PLATE AND OUTERMOST ANCHOR BOLT MAY BE FIELD TRIMMED AFTER ERECTION AT CONTRACTOR'S OPTION.
3. COLUMN BASEPLATES SHALL BE TYPE 'A', UNLESS OTHERWISE NOTED. PROVIDE TYPE 'B' BASE PLATES AT DIMESIONALLY-CONSTRICTED LOCATIONS SUCH AS COLUMNS ALONG BUILDING EDGES. COLUMNS BEARING ATOP CONCRETE WALLS, AND BASE PLATES TO BE CONCEALED WITHIN FINISHED WALLS.

HSS / PIPE COLUMN BASE PLATE

TYPICAL DETAIL 1

NO SCALE -



NOTES:

1. WHERE SLOPING BEAMS FRAME INTO TOP OF COLUMNS, SLOPE COLUMN CAP PLATES TO MATCH TOP OF BEAM, UON.
2. FLUSH FINISH REQUIREMENTS SHOWN ON WELDS MAY BE WAIVED, SUBJECT TO ARCH AND ENGINEER APPROVAL.

COLUMN/BEAM CAP AND CLOSURE PLATES

TYPICAL DETAIL 3

NO SCALE -

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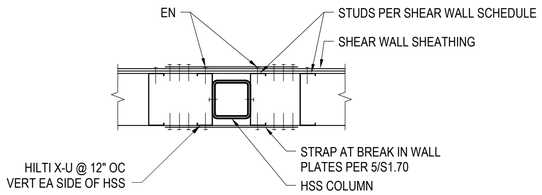
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING & WARMING STATION TYPICAL STEEL DETAILS

DRAWING NO. 91 OF 239

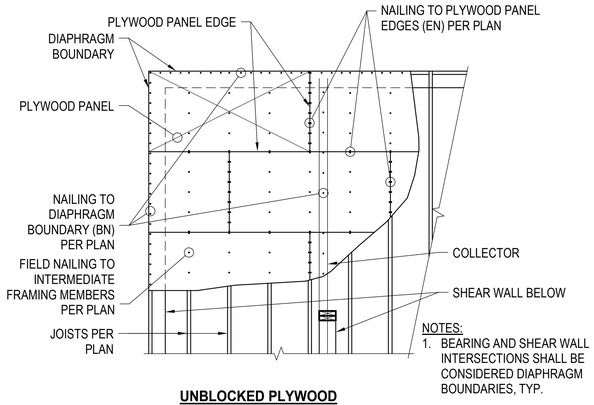
S30.06



STEEL COLUMN IN STUD WALL

TYPICAL DETAIL 1

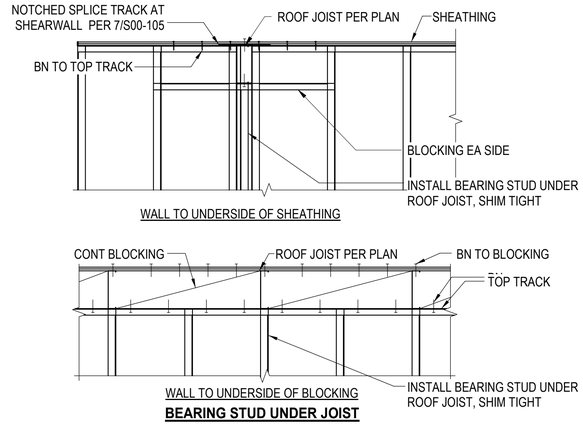
SCALE: 1 1/2" = 1'-0"



UNBLOCKED PLYWOOD
ROOF / FLOOR SHEATHING LAYOUT

TYPICAL DETAIL 2

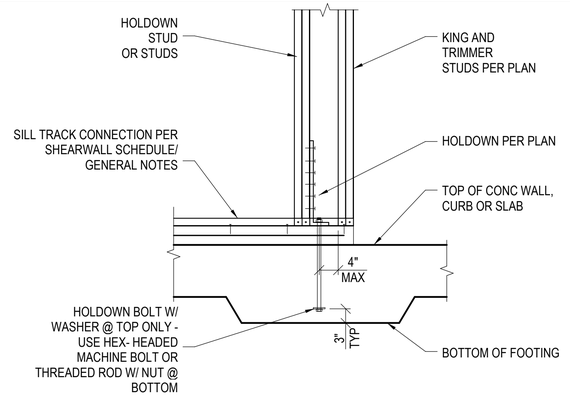
NO SCALE



BEARING STUD UNDER JOIST

TYPICAL DETAIL 3

SCALE: 3/4" = 1'-0"



ALT. SHEARWALL HOLDOWN TO CONCRETE

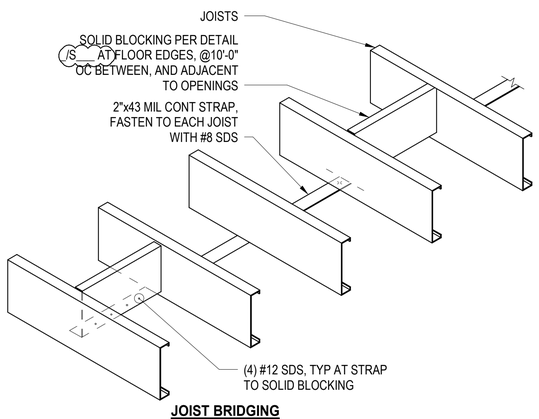
TYPICAL DETAIL 4

SCALE: 3/4" = 1'-0"

TYPICAL SHEARWALL HOLDOWN TO CONCRETE

TYPICAL DETAIL 5

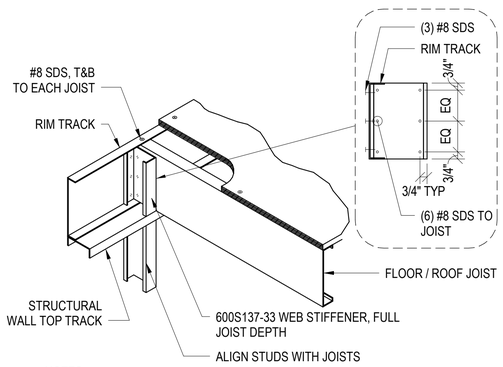
SCALE: 3/4" = 1'-0"



JOIST BRIDGING

TYPICAL DETAIL 6

SCALE: 1" = 1'-0"



NOTES:
1. ONLY GRAVITY FRAMING CONNECTIONS ARE SHOWN.
   SEE SHEAR WALL/ FLOOR FRAMING DETAILS FOR ADDITIONAL REQUIRED CONNECTIONS.

JOIST FRAMING

TYPICAL DETAIL 8

SCALE: 1 1/2" = 1'-0"

NOTES:
1. THIS DIAGRAM IS TO BE USED IN CONJUNCTION WITH DETAILS ON THIS SHEET AND SHEAR WALL SCHEDULE.
2. SHEATHING AND FRAMING CALLOUTS THIS DETAIL APPLY TO WALLS WITH WOOD STRUCTURAL PANEL SHEATHING OR SHEET STEEL SHEATHING AS REQUIRED BY SHEAR WALL SCHEDULE. GYP BOARD OR OTHER RIGID SHEATHING IS REQUIRED ON OPPOSITE FACE OF WALLS HAVING SHEAR WALL SHEATHING ONE SIDE ONLY.
3. MIN ALLOWABLE SHEATHING PANEL WIDTH IS 12".
4. LOCATE HOLD DOWNS AS CLOSE TO THE END OF THE SHEAR WALL AS POSSIBLE.
5. LIGHT GAUGE TRACK AND BLOCKING TO MATCH STUD GAUGE, TYP UON.
6. MULTIPLE STUDS TO BE WELDED TOGETHER. BACK-TO-BACK STUDS MAY ALTERNATIVELY BE FASTENED TOGETHER WITH (2) ROWS #8 SDS @ 12" OC.

LIGHT GAUGE STRUCTURAL WALL FRAMING

TYPICAL DETAIL 7

SCALE: 3/4" = 1'-0"

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KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING & WARMING STATION TYPICAL DETAILS

DRAWING NO.
92 OF 239
S30.07

CFS FRAMING SHEAR WALL SCHEDULE								
		FASTENING (5)		SHEAR TRANSFER				
				1	2	3	4	
WALL SYMBOL	SHEATHING	EDGE	FIELD	SILL TRACK TO CONC (7)	RIM TO TOP TRACK	SILL TRACK TO RIM / JOIST / BLOCKING	SHEAR WALL INTERSECTIONS (6)	
SW-6	15/32" STRUCT 1 APA RATED SHEATHING, 1 SIDE	#8 @ 6" OC	#8 @ 12" OC	HILTI UX @12" OC	#8 @ 6" OC	#8 @ 6" OC	#8 @ 6" OC -	
SW-4	15/32" STRUCT 1 APA RATED SHEATHING, 1 SIDE	#8 @ 4" OC	#8 @ 12" OC	HILTI UX @12" OC	#8 @ 4" OC	#8 @ 4" OC	#8 @ 4" OC -	
SW-33	15/32" STRUCT 1 APA RATED SHEATHING, 2 SIDES	#8 @ 3" OC	#8 @ 12" OC	HILTI UX @4" OC	#8 @ 3" OC	#8 @ 3" OC	#8 @ 3" OC -	
SW-44	15/32" STRUCT 1 APA RATED SHEATHING, 2 SIDES	#8 @ 4" OC	#8 @ 12" OC	HILTI UX @6" OC	#8 @ 4" OC	#8 @ 4" OC	#8 @ 4" OC -	

SHEAR WALL FRAMING NOTES:
1. IN ADDITION TO THE TYPICAL CFS WALL FRAMING REQUIREMENTS OF S30.07. PROVIDE FRAMING AT SHEAR WALLS AS INDICATED.

2. STAGGER PANEL JOINTS EACH SIDE OF WALL WHERE SHEATHING IS REQUIRED BOTH SIDES OF WALL.

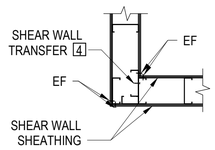
3. ALL FRAMING 43 MIL, ASTM A1003 STRUCTURAL GRADE 33 (GRADE 230) TYPE 'H' STEEL MEMBERS WITH THE FOLLOWING MINIMUMS:
STUDS AND BLOCKING: 1-5/8" x 3-1/2" WITH 3/8" RETURN LEG
TRACK: 1-1/4" x 3-1/2"

4. BLOCK ALL PANEL EDGES. COPE FLANGES AND BEND WEB TO ALLOW CONNECTION WITH STUD. FASTEN TO STUD WITH (2) #8 AT EACH END, TYPICAL.

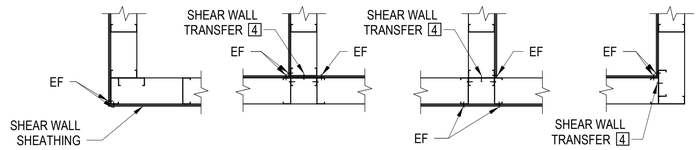
5. SHEATHING FASTENERS SHALL BE #8 (0.164" DIAMETER) x 1-1/4" LONG (MIN) FLAT-HEAD SELF-DRILLING TAPPING SCREWS WITH A MINIMUM HEAD DIAMETER OF 0.285". DRIVE ALL SCREWS FLUSH WITH FACE OF SHEATHING. DO NOT OVER-DRIVE.

6. CONNECT SHEATHING AND STUDS AT SHEAR WALL INTERSECTIONS AS INDICATED.

7. CONCRETE STRENGTH = 4,000 PSI, MINIMUM.



PLAN VIEW:
2-SIDED SHEAR WALL INTERSECTION

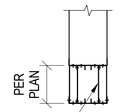


PLAN VIEW:
TYPICAL SHEAR WALL INTERSECTIONS

SHEAR WALL FRAMING
TYPICAL DETAIL 5
SCALE: 3/4" = 1'-0" -

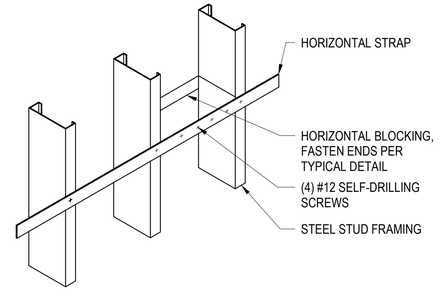
HEADER END FASTENING	
NOMINAL DEPTH (IN)	END FASTENING
4	(2) #8
6	(3) #8
8	(3) #8
10	(4) #8
12	(7) #8

* COPE FLANGES TO ALLOW FOR WEB EXTENSION, FASTEN TO KING(S) EACH SIDE OF HEADER ASSEMBLY PER SCHEDULE.

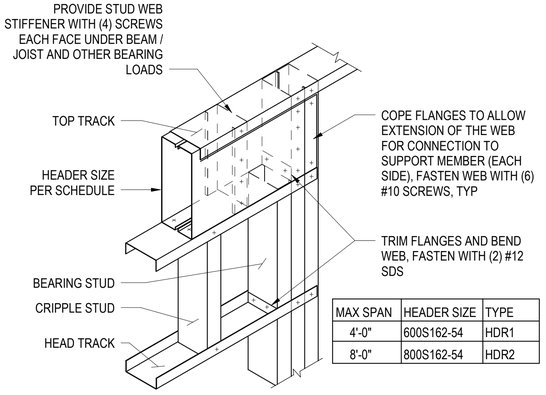


SECTION
SCALE: NTS

COLD-FORMED STEEL (CFS)
STRUCTURAL BEARING WALL FRAMING
TYPICAL DETAIL 3
SCALE: 3/4" = 1'-0" -

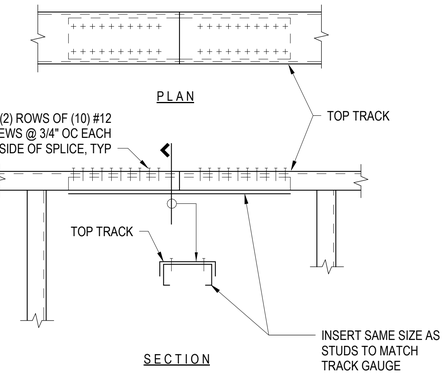


WALL STRAP BLOCKING
TYPICAL DETAIL 4
SCALE: 3/4" = 1'-0" -



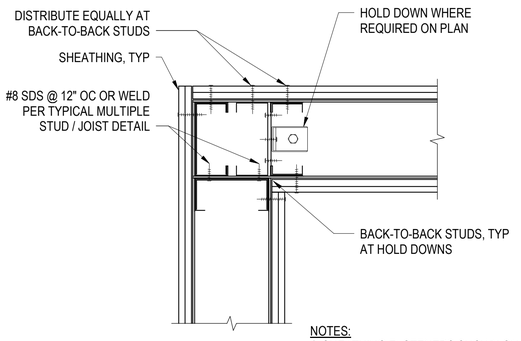
MAX SPAN	HEADER SIZE	TYPE
4'-0"	600S162-54	HDR1
8'-0"	800S162-54	HDR2

LOAD-BEARING HEADER
TYPICAL DETAIL 7
SCALE: 3/4" = 1'-0" -



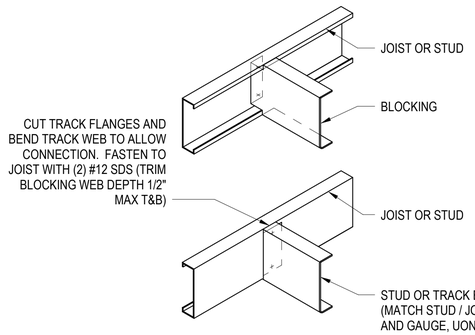
SECTION

TOP TRACK SPLICE
TYPICAL DETAIL 8
SCALE: 3/4" = 1'-0" -

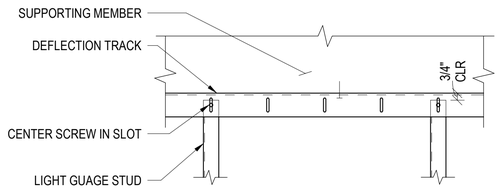


NOTES:
1. SHEATHING FASTENERS SHOWN ON THIS DETAIL SHALL MATCH SHEAR WALL EDGE FASTENER SPACING.

WALL CORNERS
TYPICAL DETAIL 9
SCALE: 3/4" = 1'-0" -



BLOCKING END CONNECTION
TYPICAL DETAIL 10
SCALE: 3/4" = 1'-0" -



LIGHT-GAUGE DEFLECTION TRACK SCHEDULE	
MAX NON-BEARING WALL SPAN (ft)	DEFLECTION TRACK
18	DIETRICH SLP-TRK 43 Mils

NOTES:
1. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS.
2. PROVIDE DEFLECTION TRACK AT ALL NON-BEARING WALLS.

LIGHT GAUGE DEFLECTION TRACK SCHEDULE
TYPICAL DETAIL 11
SCALE: 1 1/2" = 1'-0" -

SHEAR WALL HOLD DOWN SCHEDULE							
PLAN MARK	TYPE	FASTENERS TO FRAMING	MIN FRAMING THICKNESS BACK-TO-BACK METAL STUDS	BASE ANCHORAGE HEADED ANCHOR BOLT, UON	CONCRETE EDGE DISTANCE	CONCRETE EMBEDMENT	
HD4	S/HDU4	(6) #14 SDS	43 MIL	5/8" Ø	4"	12"	
HD9	S/HDU9	(18) #14 SDS	43 MIL	7/8" Ø	4"	12"	

NOTES:
1. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
2. FASTEN HOLD DOWNS THRU WEBS OF BACK-TO-BACK DOUBLE STUDS.
3. CENTER HOLD DOWN ON FRAMING, UON.
4. PROVIDE MINIMUM GRADE 55 ANCHOR RODS WITH (2) HEAVY HEX NUTS AND 1/4" PLATE WASHER AT BOTTOM OF EMBEDED ROD.

SHEAR WALL HOLD DOWN SCHEDULE
TYPICAL DETAIL 12
SCALE: 3/4" = 1'-0" -

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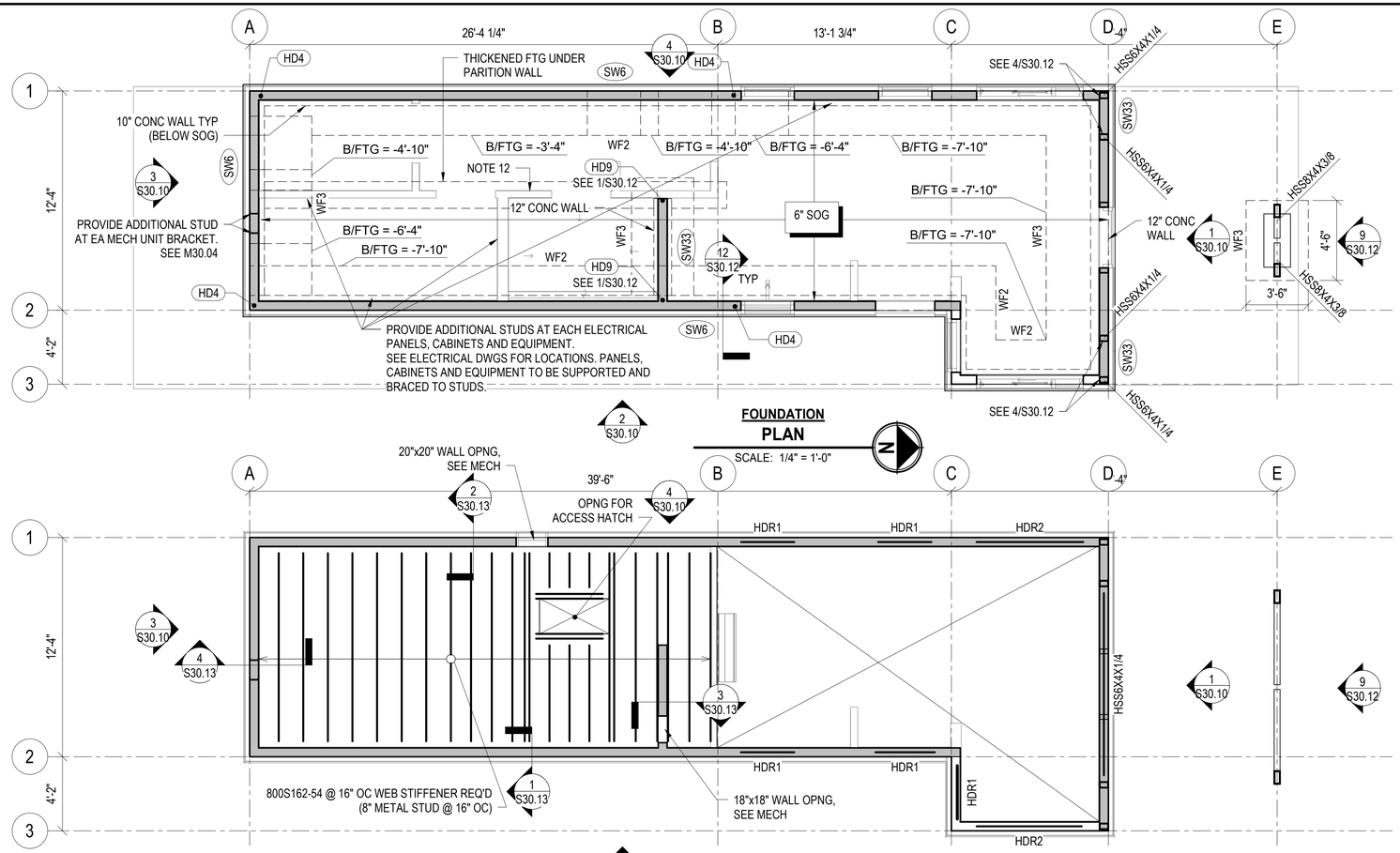
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING & WARMING STATION TYPICAL DETAILS

DRAWING NO. 93 OF 239
S30.08



SHEET NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
2. INSTALL CONNECTORS PER MANUFACTURER'S SPECIFICATIONS. NOTIFY EOR OF ANY SUBSTITUTION REQUESTS PRIOR TO INSTALLATION.
3. PROVIDE SILL PLATE ANCHORS ACCORDING TO SHEAR WALL SCHEDULE ON S30.08 .
4. ALIGN HOLD DOWNS WITH WALL PIERS AT ENDS OF SHEAR WALL SEGMENTS ABOVE. SEE S30.08 FOR ADDITIONAL HOLD DOWN INFORMATION.
5. CONSTRUCT EXTERIOR WALLS AS TYPE SW6 SHEAR WALLS, UNO.
6. NOT USED.
7. PROVIDE CONTINUOUS CS16 STRAP ABOVE AND BELOW WINDOW OPENINGS FOR FULL DESIGNATED LENGTH OF SHEAR WALL, SCREW TO WINDOW HEADERS AND SILLS AND TO BLOCKING INSTALLED BETWEEN STUDS WITH #8 SCREW.
8. GRIDS LOCATE EXTERIOR FACE OF METAL WALL STUD AND FACE OF CONCRETE STEM WALL.
9. SLAB-ON-GRADE IS 6" THICK WITH #4 @ 12" OC EACH WAY. SLOPE SLAB TO DRAIN AS INDICATED, WHERE OCCURS, MAINTAIN SLAB THICKNESS AND BAR COVER REQUIREMENTS.
10. PROVIDE CONSTRUCTION OR CONTROL JOINTS IN SLAB-ON-GRADE PER S30.04.
11. STRUCTURAL STUD WALLS ARE AS FOLLOWS, UON:

EXTERIOR BEARING WALLS	600S162-54 @ 16" OC
INTERIOR BEARING WALLS	600S162-54 @ 16" OC
SHEAR WALLS	SEE S30.07 FOR TYPICAL WALL FRAMING REQUIREMENTS. FRAME SHEAR WALL INTERSECTIONS IN ACCORDANCE WITH S30.08.

12. NON-BEARING METAL STUD WALLS PER ARCH.
13. ROOF AND MEZZANINE SHEATHING IS 23/32" THICK, CONFORMING TO DOC PS-1. SEE GSN FOR OTHER INFORMATION. SCREW SHEATHING PANELS AS FOLLOWS:

ROOF BOUNDARY (BN):	#10 @ 6" OC
PANEL EDGES (EN):	#10 @ 6" OC
OTHER SUPPORTS	
FIELD NAILING (FN):	#10 @ 6" OC
BLOCKING:	#10 @ 6" OC

SCREWS SHALL BE DRIVEN FLUSH WITH THE FACE OF SHEATING.

LEGEND

1. (HDX) HOLD DOWN CONNECTING WALL ABOVE TO FOUNDATION BELOW. SEE S30.07 FOR MORE INFORMATION.
2. SHEAR WALL ABOVE.
   (SWX) SHEAR WALL TYPE, SEE S30.07 FOR MORE INFORMATION.
3. FX.X FOOTING TYPE, SEE SCHEDULE BELOW.

WALL FOOTING SCHEDULE

FTG MARK	WIDTH	THICKNESS	REINFORCEMENT	REMARKS
WF2	2'-6"	1'-0"	(3) #5 W/ #4 @ 12" TRANS	
WF3	3'-6"	1'-0"	(4) #5 W/ #4 @ 12" TRANS	

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 2019.128
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — REGISTERED PROFESSIONAL ENGINEER
3/13/2025

KITSAP COUNTY DEPT. OF PUBLIC WORKS
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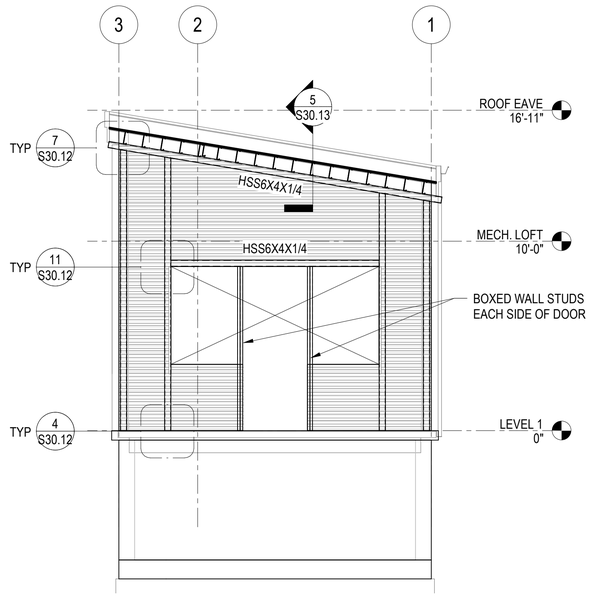
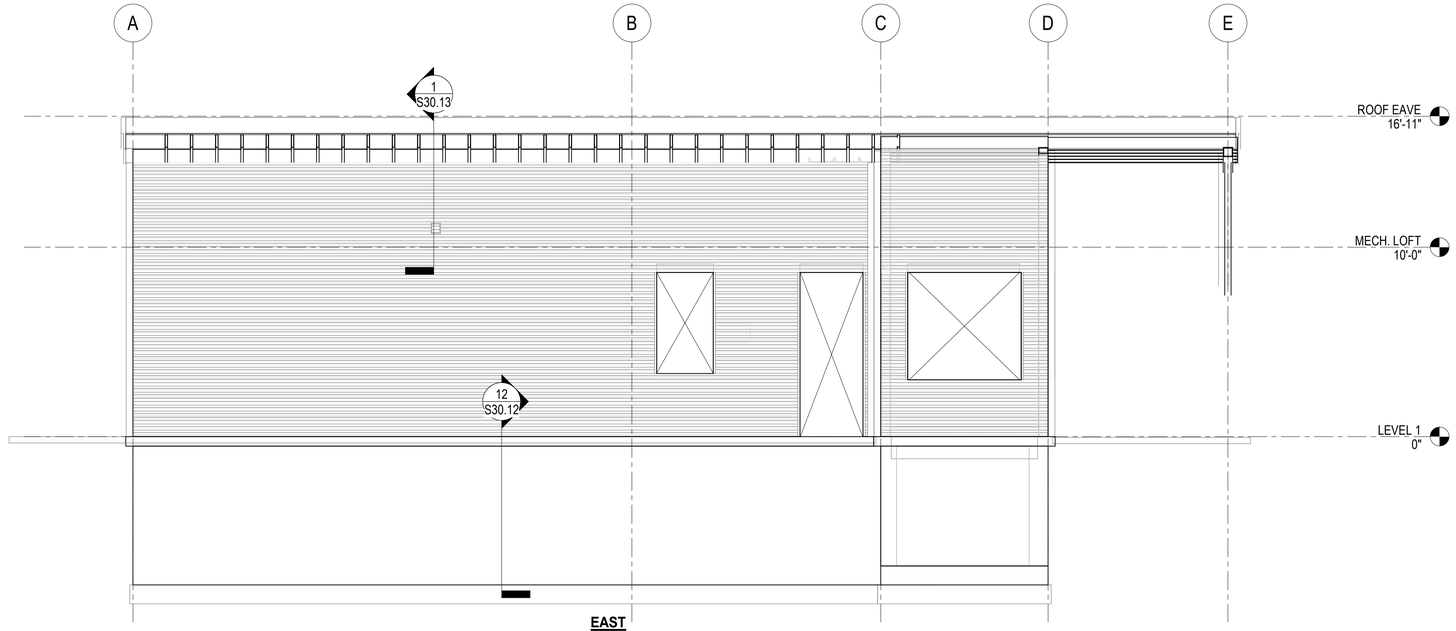
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING FOUNDATION, MEZZANINE & ROOF PLAN

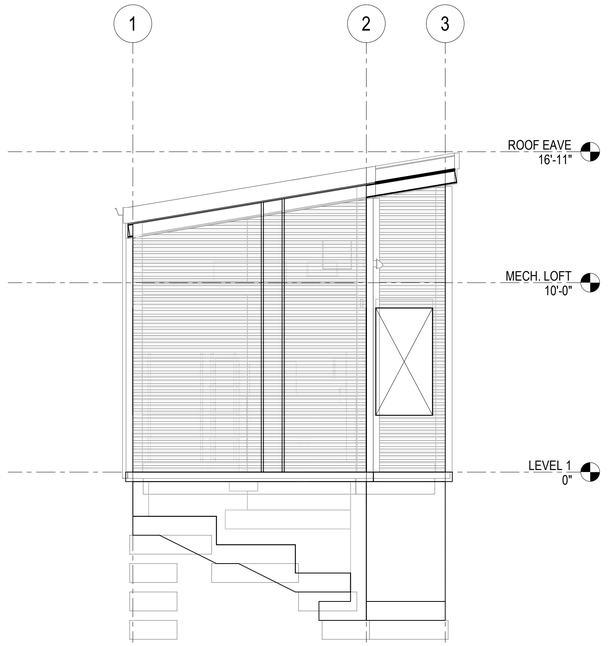
DRAWING NO. 94 OF 239
S30.09



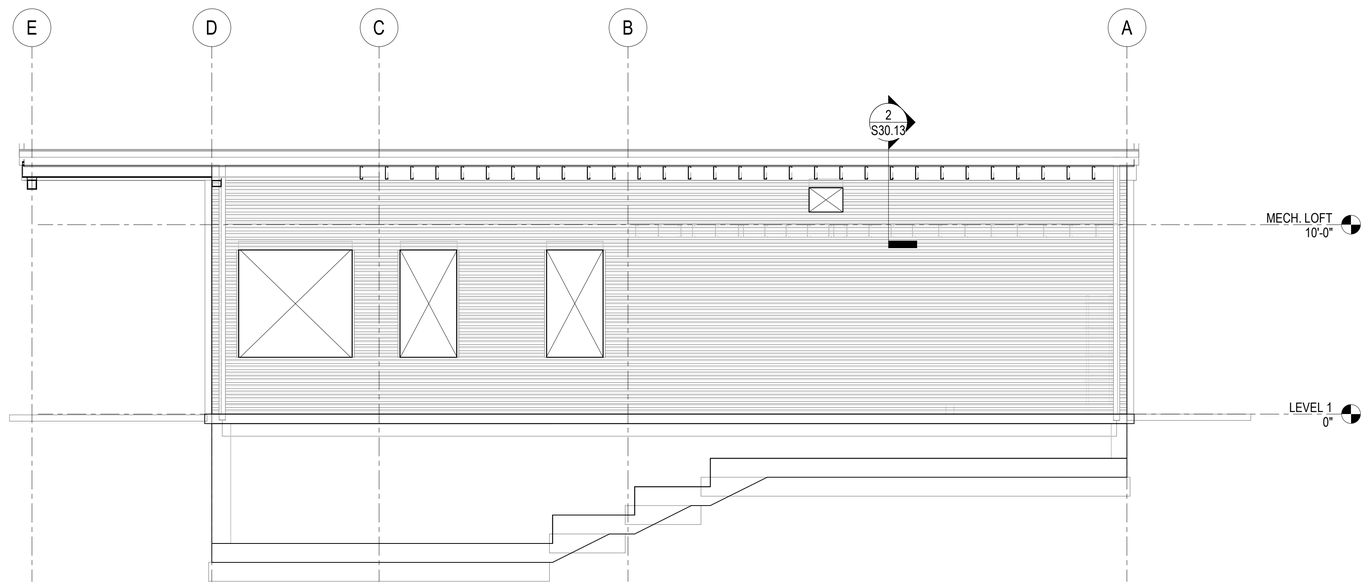
NORTH
ELEVATION 1 S30.09
SCALE: 1/4" = 1'-0"



EAST
ELEVATION 2 S30.09
SCALE: 1/4" = 1'-0"



SOUTH
ELEVATION 3 S30.09
SCALE: 1/4" = 1'-0"



WEST
ELEVATION 4 S30.09
SCALE: 1/4" = 1'-0"

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	PERMIT REVIEW	02/29/2024	SB
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DESIGNED S. Baxter
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CHECKED A. Eversman
APPROVED M. Leonard

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IF NOT, SCALE ACCORDINGLY
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DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
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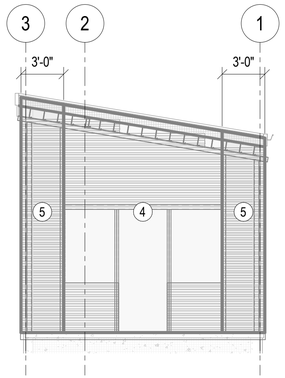
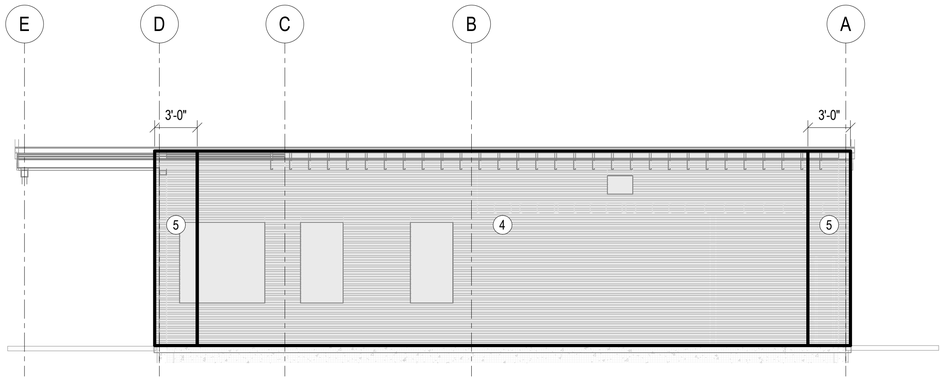
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING ELEVATIONS

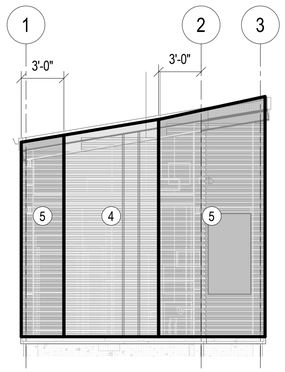
DRAWING NO.
95 OF 239
S30.10



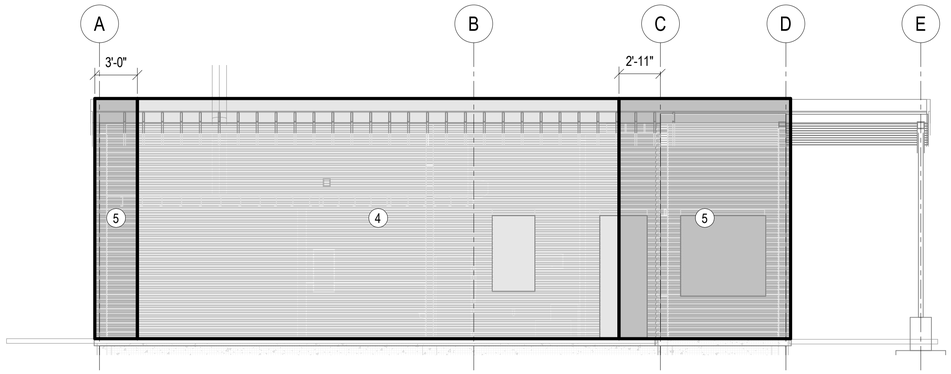
WIND LOAD - NORTH
ELEVATION 1
SCALE: 3/16" = 1'-0" -



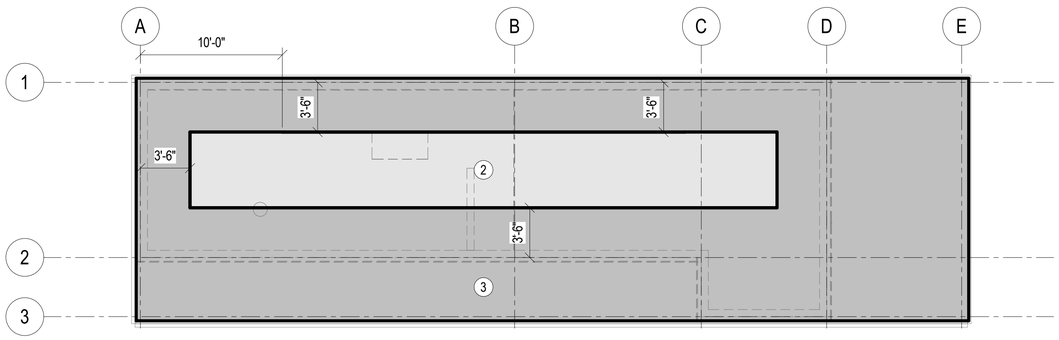
WIND LOAD - WEST
ELEVATION 2
SCALE: 3/16" = 1'-0" -



WIND LOAD - SOUTH
ELEVATION 3
SCALE: 3/16" = 1'-0" -



WIND LOAD - EAST
ELEVATION 4
SCALE: 3/16" = 1'-0" -



ROOF WIND LOAD
PLAN
SCALE: 3/16" = 1'-0"

	ZONE	WIND PRESSURES (PSF) OUTWARD (NEG)	WIND PRESSURES (PSF) INWARD (POS)	MINIMUM WIND UPLIFT APPROVAL RATING NEEDED
ROOF	ZONE 1	-22	6	I-60
	ZONE 2	-28	6	I-60
	ZONE 3	-38	6	I-90
WALL	ZONE 4	-14	13	I-30
	ZONE 5	-17	13	I-35

LEGEND

(#) INDICATES ZONE PER TABLE.

NOTE:
WIND PRESURES AND RATINGS CALCULATED PER FM GLOBAL DATA SHEET DS 1-28. (INTERM REVISION DATED APRIL 2021).

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	PERMIT - IFC	03/14/2025	SB

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CHECKED A. Eversman
APPROVED M. Leonard

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3/13/2025

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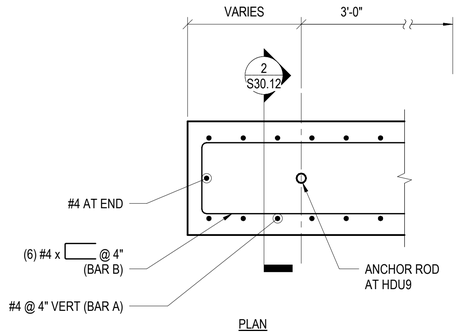
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

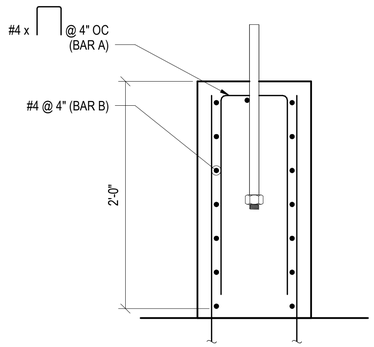
ATTENDANT BUILDING COMPONENTS AND CLADDING WIND LOAD MAPS

DRAWING NO.
96 OF 239
S30.11

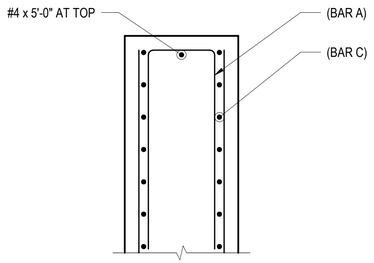


PLAN

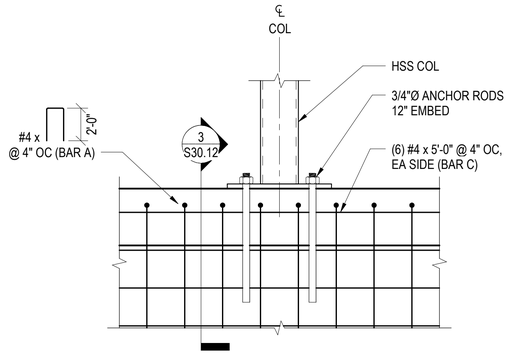
DETAIL 1
SCALE: 1 1/2" = 1'-0"



DETAIL 2
SCALE: 1 1/2" = 1'-0" S30.12

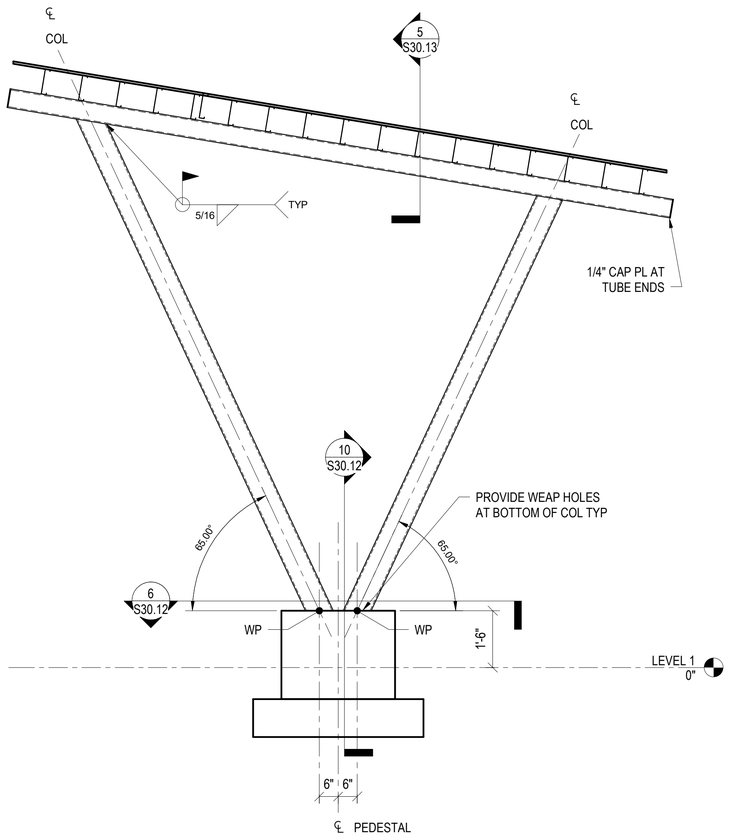


DETAIL 3
SCALE: 1 1/2" = 1'-0" S30.12

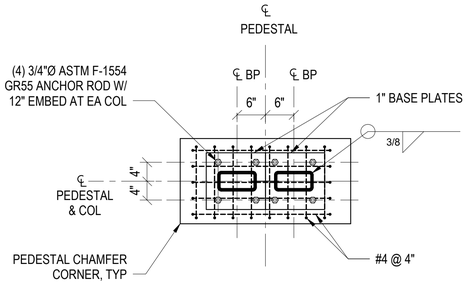


NOTES:
1. WHERE COLUMN ENDS AT END OF WALL REINFORCE PER 1/S30.12
2. SEE 1/S30.06 FOR ADDITIONAL DETAILING INFORMATION.

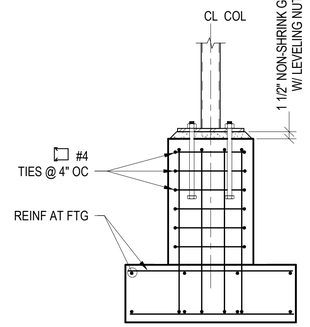
DETAIL 4
SCALE: 1 1/2" = 1'-0" S30.10



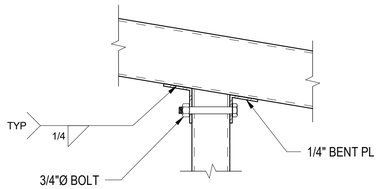
DETAIL 9
SCALE: 1/2" = 1'-0" S30.09



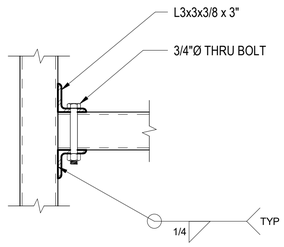
DETAIL 6
SCALE: 3/4" = 1'-0" -



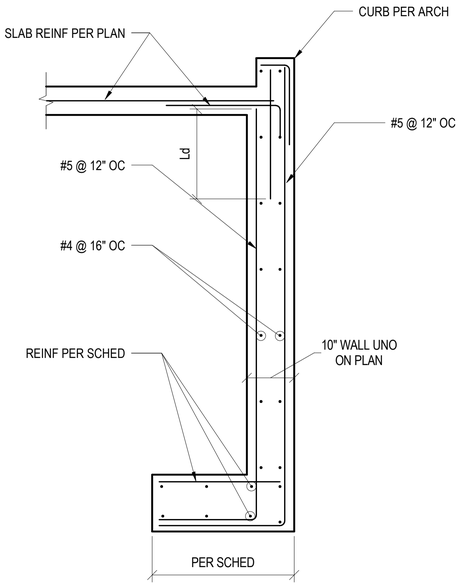
DETAIL 10
SCALE: 3/4" = 1'-0" -



DETAIL 7
SCALE: 1 1/2" = 1'-0" S30.10



DETAIL 11
SCALE: 1 1/2" = 1'-0" S30.10



DETAIL 12
SCALE: 3/4" = 1'-0" -

ISSUE FOR BID

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DESIGNED S. Baxter
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CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE.
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JOB No. 2019.128
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — PROFESSIONAL ENGINEER
3/13/2025

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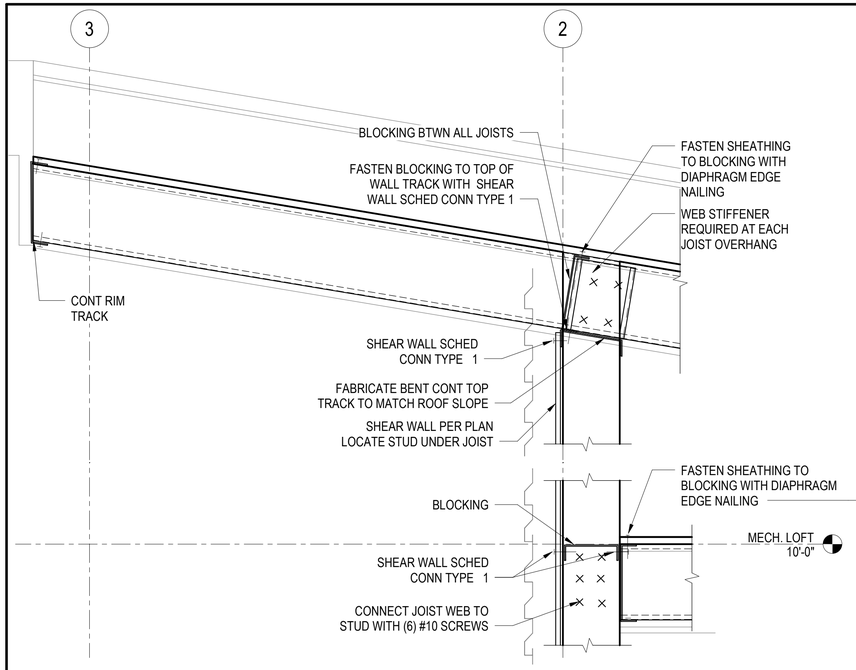
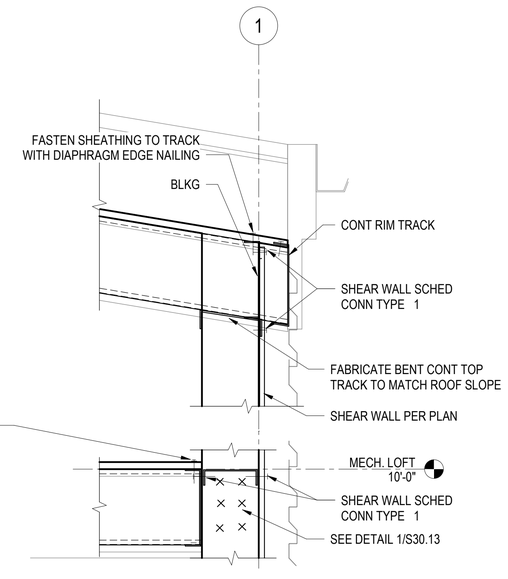
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING CONCRETE & STEEL DETAILS

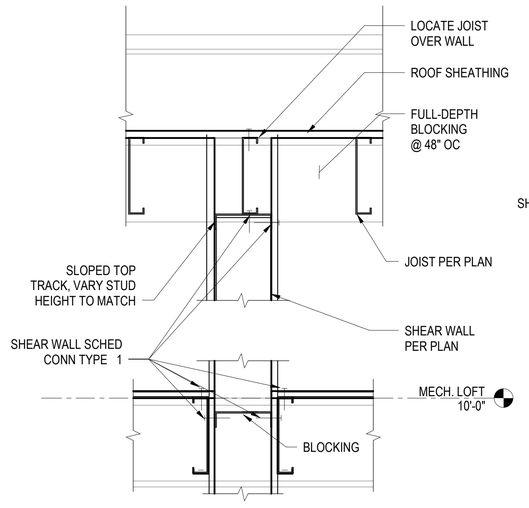
DRAWING NO.
97 OF 239
S30.12



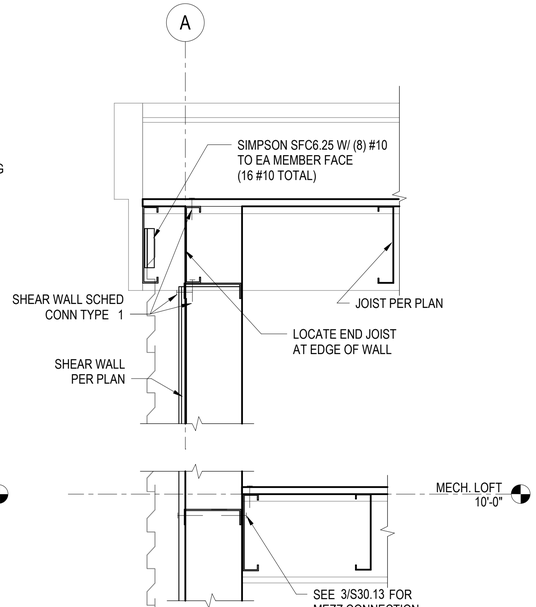
DETAIL 1 — S30.09
SCALE: 1 1/2" = 1'-0"



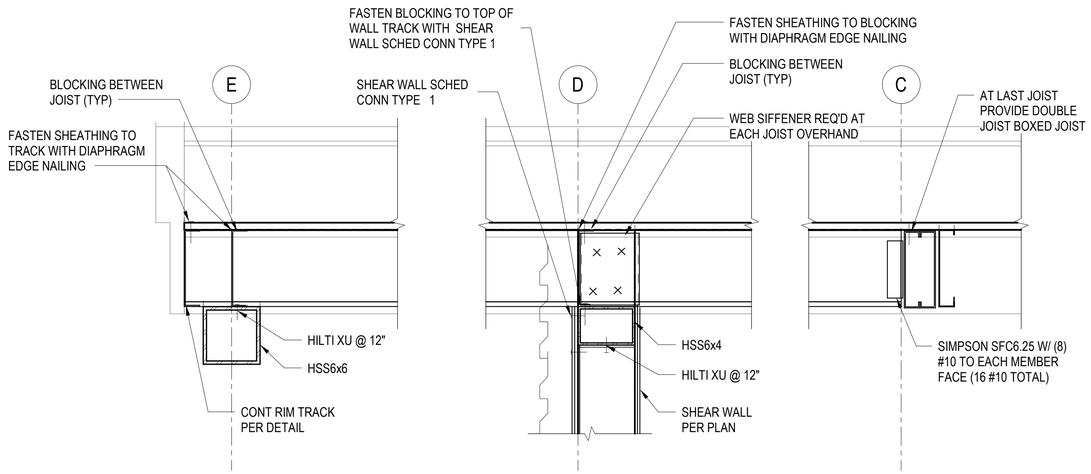
DETAIL 2 — S30.09
SCALE: 1 1/2" = 1'-0"



DETAIL 3 — S30.09
SCALE: 1 1/2" = 1'-0"



DETAIL 4 — S30.09
SCALE: 1 1/2" = 1'-0"



DETAIL 5 — S30.09
SCALE: 1 1/2" = 1'-0"

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PROJECT NAME
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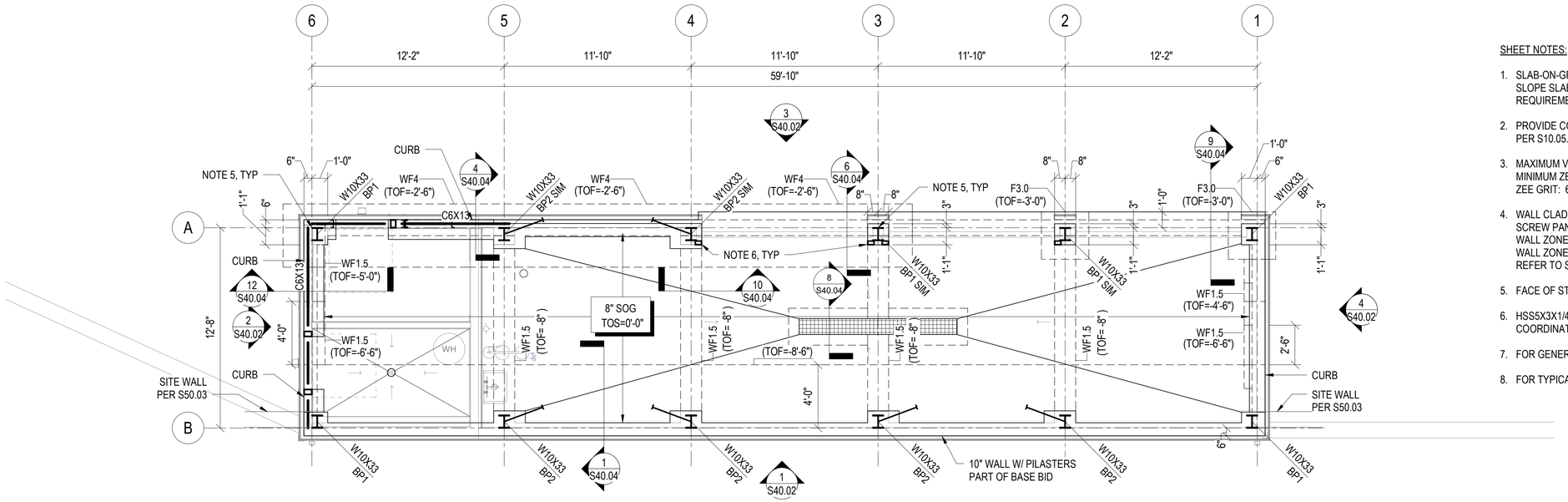
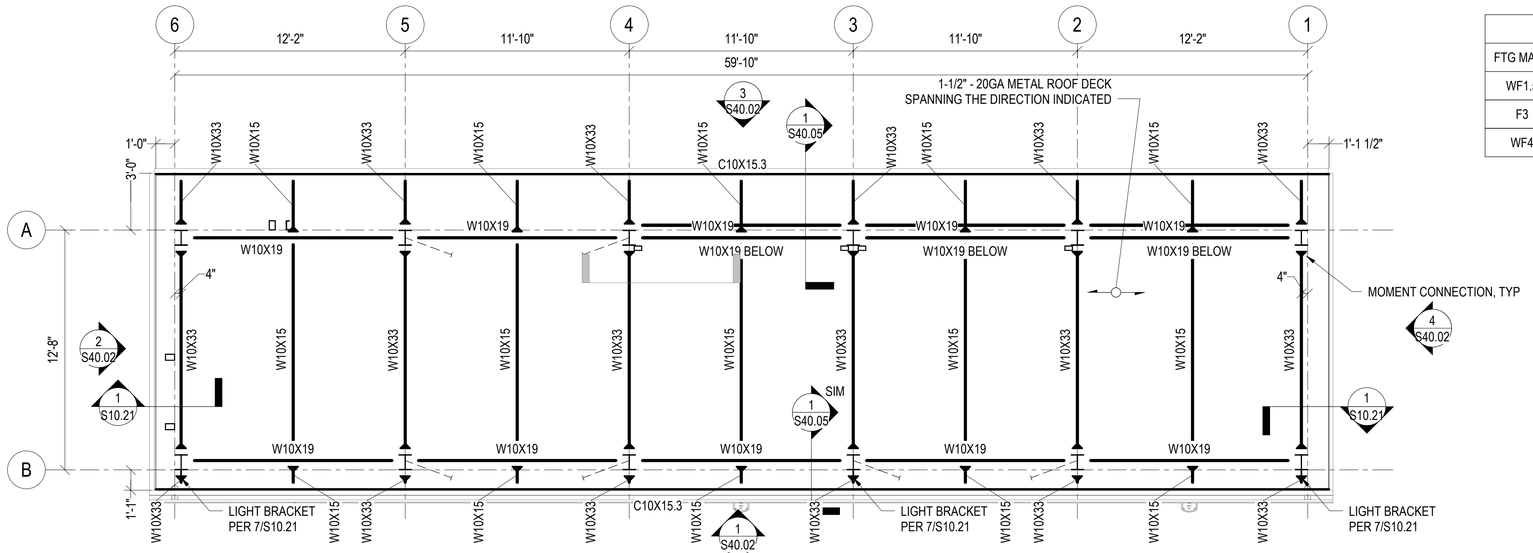
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING SECTIONS AND DETAILS

DRAWING NO. 98 OF 239
S30.13



FOUNDATION
PLAN
SCALE: 1/4" = 1'-0"



ROOF
PLAN
SCALE: 1/4" = 1'-0"

SHEET NOTES:

1. SLAB-ON-GRADE IS 8" THICK WITH #5 @ 8" OC EACH WAY CENTERED IN SLAB. SLOPE SLAB TO DRAIN AS INDICATED, WHERE OCCURS, MAINTAIN SLAB COVER REQUIREMENTS.
2. PROVIDE CONSTRUCTION JOINTS OR CONTROL JOINTS IN SLAB ON GRADE PER S10.05.
3. MAXIMUM VERTICAL SPACING OF CLADDING ZEE GRITS IS 4FT OC. MINIMUM ZEE GIRTS PROPERTIES ARE AS FOLLOWS: ZEE GRIT: 6"x2.5" - 14 gauge Ixx = 5.011 in^4
4. WALL CLADDING PANNELS SHALL BE MINIMUM 24 GAGE. SCREW PANELS AS FOLLOWS: WALL ZONE 4: #12 @ 12" OC WALL ZONE 5: #12 @ 12" OC REFER TO S40.05 FOR WIND LOADING DIAGRAM AND ZONE MAP.
5. FACE OF STEEL COLUMN SHALL BE ALIGNED WITH GRID LINES.
6. HSS5X3X1/4 FOR COILING DOOR RAIL SUPPORT. SEE DETAIL 9/S40.05. COORDINATE LOCATION WITH COILING DOOR MANUFACTURER.
7. FOR GENERAL NOTES SEE S10.01 - S10.05.
8. FOR TYPICAL DETAILS SEE S10.10 - S10.21.

FOOTING SCHEDULE

FTG MARK	WIDTH	THICKNESS	REINFORCEMENT	REMARKS
WF1.5	1'-4"	1'-6"	(3) #5 TOP & BOTTOM W/ #5 @ 12" TRANS	-
F3	3'-0" x 3'-0"	1'-0"	(4) #5 TOP & BOT	-
WF4	4'-0"	2'-6"	(6) #5 TOP & BOT W/ #5 @ 12" STIRUPS	-

GENERAL SHEET NOTES:

1. ALL DETAILS SHALL BE PART OF BID ALTERNATE 1 UNLESS NOTED OTHERWISE.
2. EAST RETAINING WALL WITH PILASTERS IS PART OF BASE BID. IN THE EVENT THE BID ALTERNATE 1 IS NOT SELECTED REBAR INTERSECTING EAST RETAINING WALL WILL BE INSTALLED WITH FORM SAVER REBAR COUPLER.

ISSUE FOR BID

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CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

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3/13/2025

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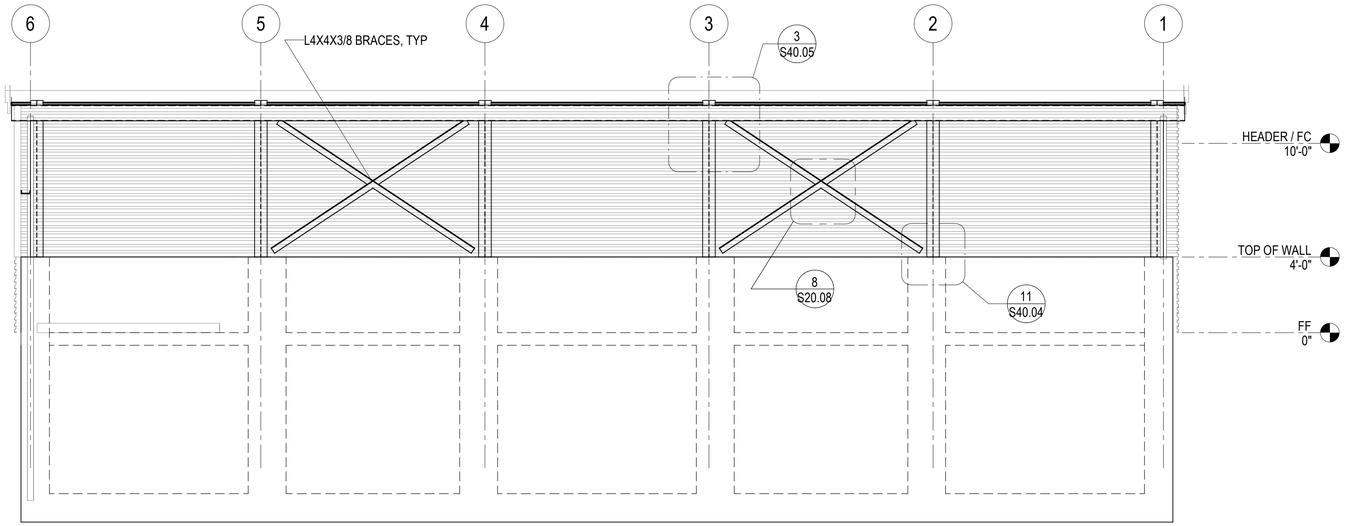
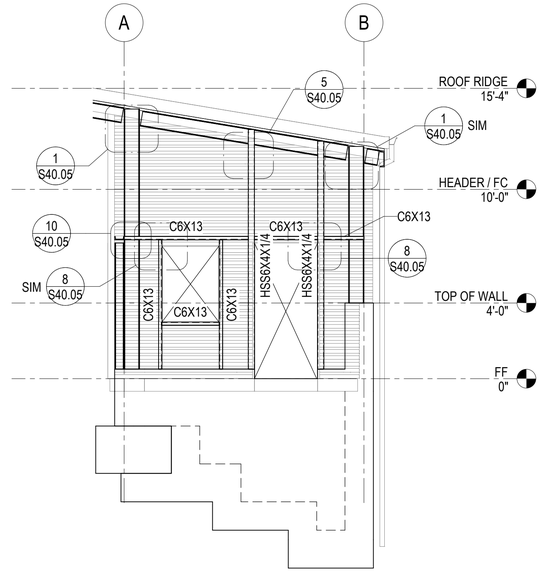
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING FOUNDATION AND ROOF PLAN

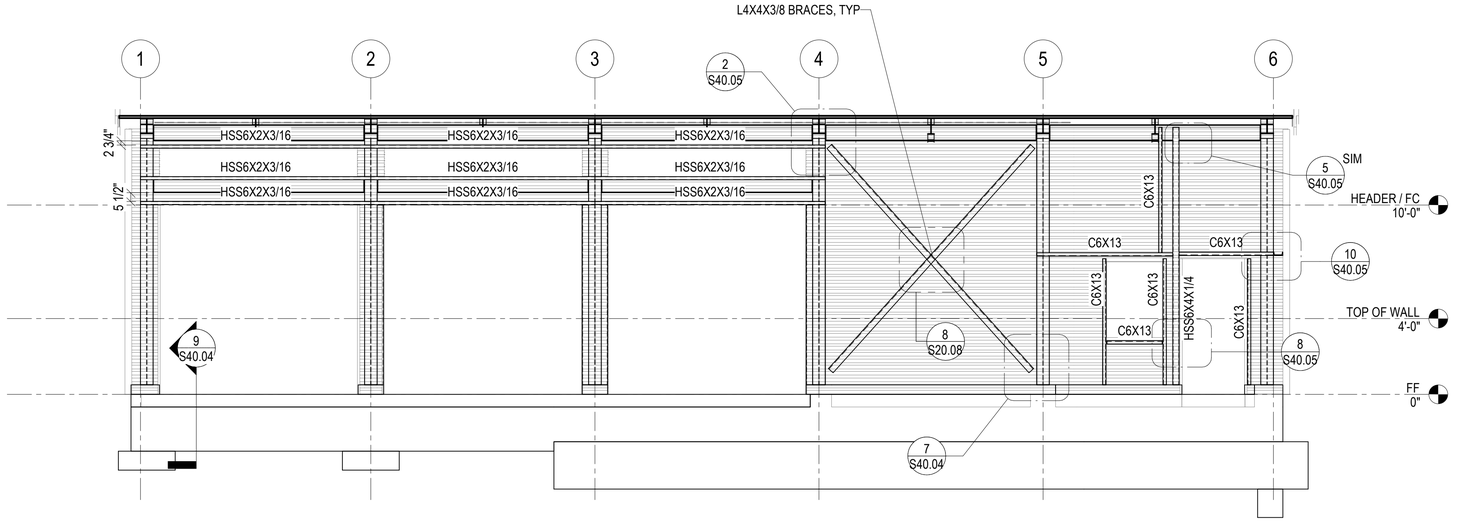
DRAWING NO.
99 OF 239
S40.01



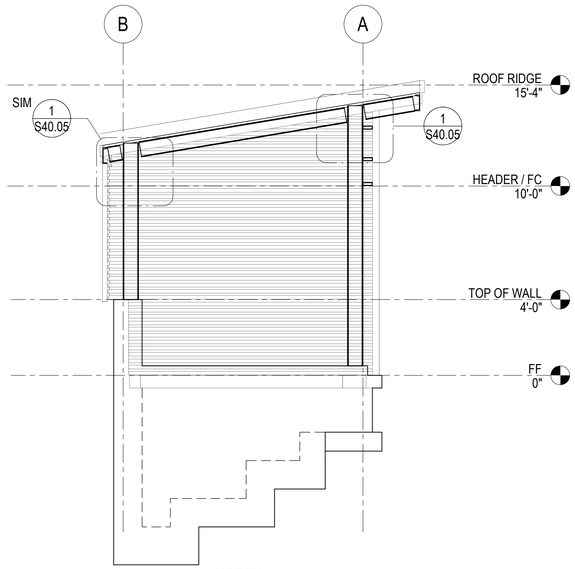
EAST
ELEVATION 1 S40.01
SCALE: 1/4" = 1'-0"



SOUTH
ELEVATION 2 S40.01
SCALE: 1/4" = 1'-0"



WEST
ELEVATION 3 S40.01
SCALE: 1/4" = 1'-0"



NORTH
ELEVATION 4 S40.01
SCALE: 1/4" = 1'-0"

ISSUE FOR BID

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ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — REGISTERED PROFESSIONAL ENGINEER
3/13/2025

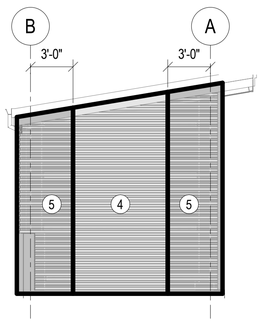
KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
TEL:(360) 337-5777 FAX:(360) 337-4867

MLA ENGINEERING
1109 1st Ave, Suite 300
Seattle, WA 98101
(206) 264-2727
www.mlaengineering.com

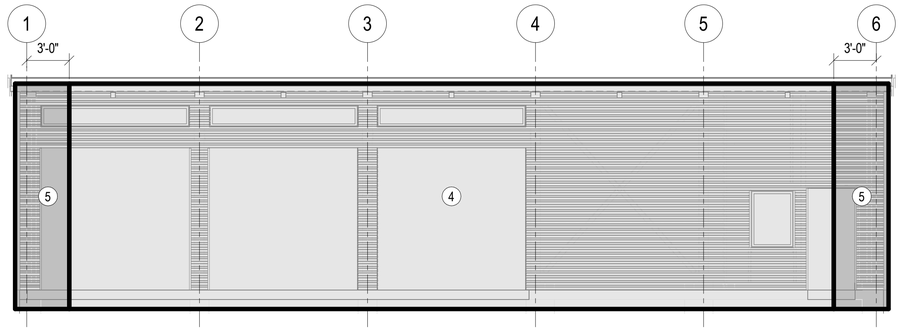
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING ELEVATIONS

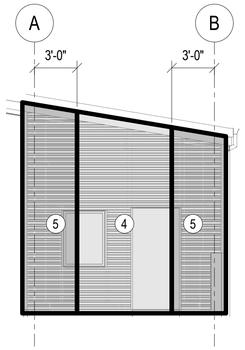
DRAWING NO.
100 OF 239
S40.02



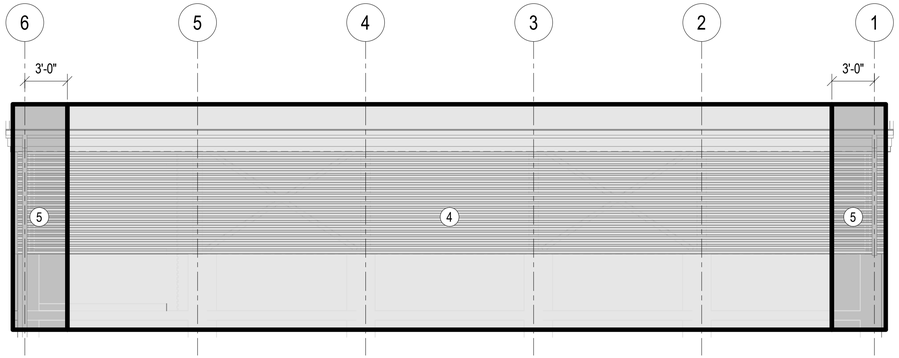
WIND LOAD - NORTH
ELEVATION 1
SCALE: 3/16" = 1'-0" -



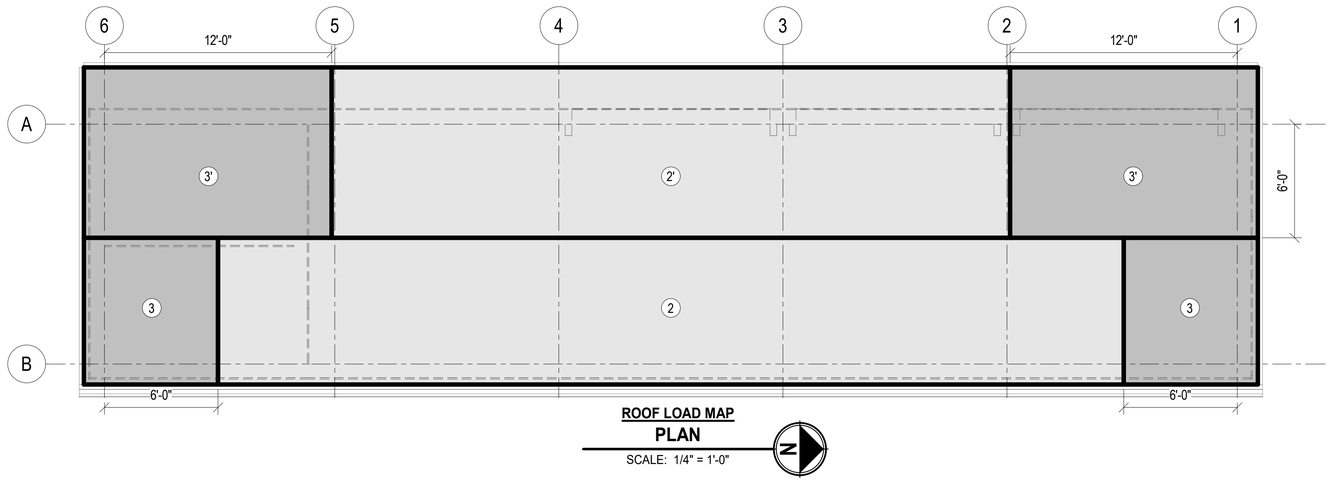
WIND LOAD - WEST
ELEVATION 2
SCALE: 3/16" = 1'-0" -



WIND LOAD - SOUTH
ELEVATION 3
SCALE: 3/16" = 1'-0" -



WIND LOAD - EAST
ELEVATION 4
SCALE: 3/16" = 1'-0" -



ROOF LOAD MAP
PLAN
SCALE: 1/4" = 1'-0"

		WIND PRESSURES (PSF)		MINIMUM WIND UPLIFT APPROVAL RATING NEEDED
	ZONE	OUTWARD (NEG)	INWARD (POS)	
ROOF	ZONE 2	-20	9	I-60
	ZONE 2'	-23	9	I-60
	ZONE 3	-25	9	I-60
	ZONE 3'	-33	9	I-75
WALL	ZONE 4	-16	15	I-35
	ZONE 5	-19	15	I-40

LEGEND

(#) INDICATES ZONE PER TABLE.

NOTE:
WIND PRESURES AND RATINGS CALCULATED PER FM GLOBAL DATA SHEET DS 1-28. (INTERM REVISION DATED APRIL 2021).

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

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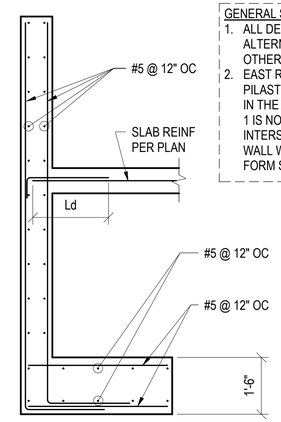
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

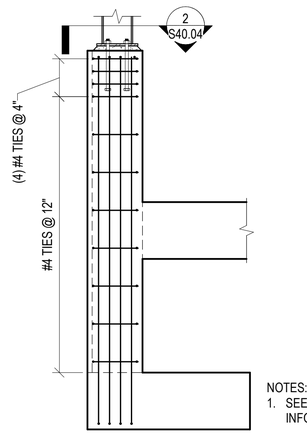
LHHW BUILDING COMPONENTS AND CLADDING WIND LOAD MAP

DRAWING NO.
101 OF 239
S40.03

GENERAL SHEET NOTES:
1. ALL DETAILS SHALL BE PART OF BID ALTERNATE 1 UNLESS NOTED OTHERWISE.
2. EAST RETAINING WALL WITH PILASTERS IS PART OF BASE BID. IN THE EVENT THE BID ALTERNATE 1 IS NOT SELECTED REBAR INTERSECTING EAST RETAINING WALL WILL BE INSTALLED WITH FORM SAVER REBAR COUPLER.



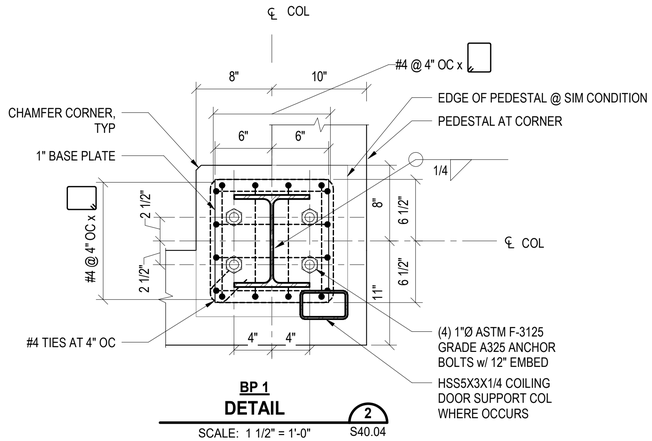
DETAIL 1 — SCALE: 1/2" = 1'-0" — S40.01



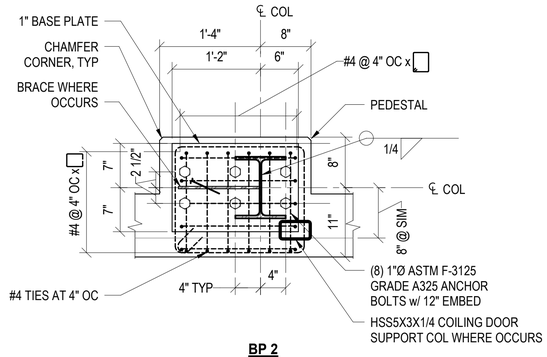
NOTES:
1. SEE DETAIL 6/S40.04 FOR INFORMATION NOT SHOWN.

DETAIL 5 — SCALE: 1/2" = 1'-0"

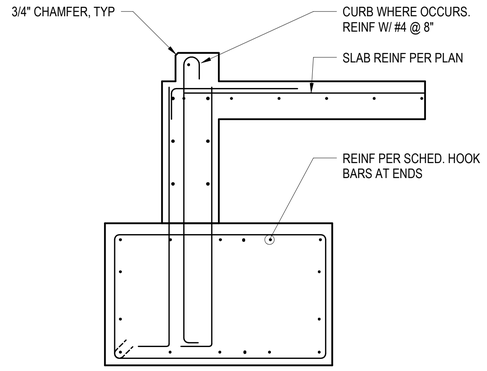
EAST RETAINING WALL PART OF BASE BID



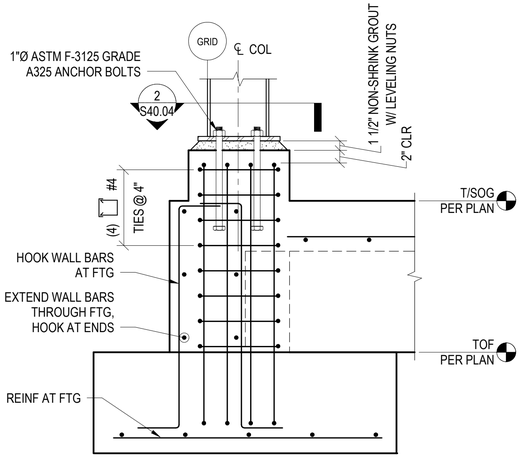
BP 1
DETAIL 2 — SCALE: 1 1/2" = 1'-0" — S40.04



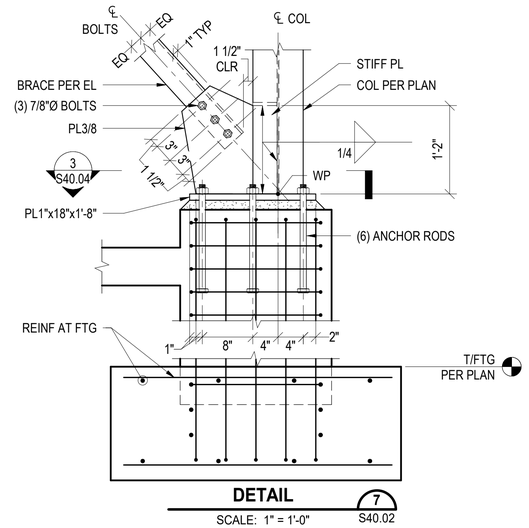
BP 2
DETAIL 3 — SCALE: 1" = 1'-0" — S40.04



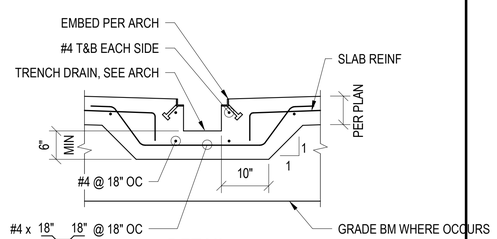
DETAIL 4 — SCALE: 3/4" = 1'-0" — S40.01



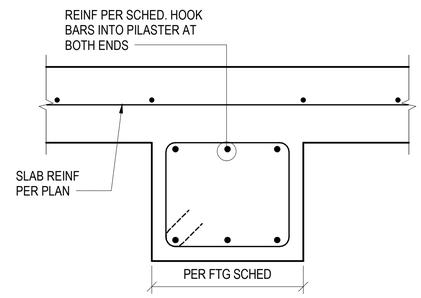
DETAIL 6 — SCALE: 1" = 1'-0" — S40.01



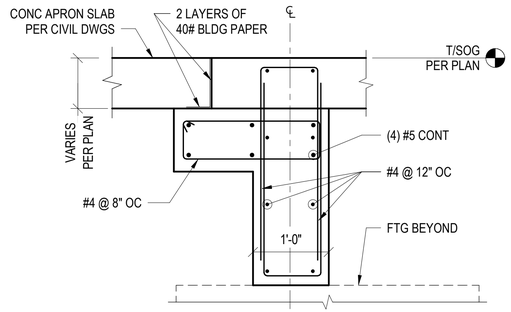
DETAIL 7 — SCALE: 1" = 1'-0" — S40.02



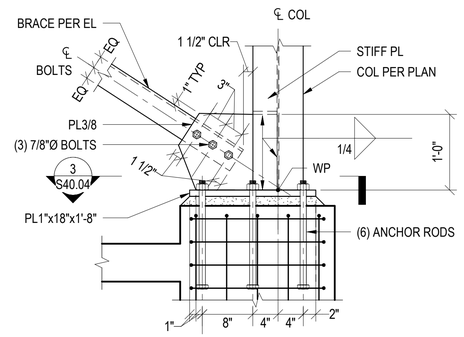
DETAIL 8 — SCALE: SCALE: NTS — S40.01



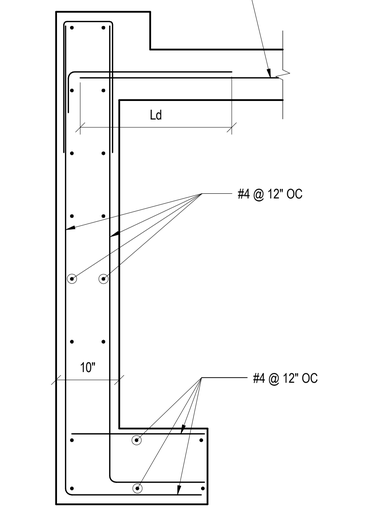
DETAIL 10 — SCALE: 1 1/2" = 1'-0" — S40.01



DETAIL 9 — SCALE: 1" = 1'-0" — S40.01



DETAIL 11 — SCALE: 1" = 1'-0" — S40.02



DETAIL 12 — SCALE: 1" = 1'

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

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DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

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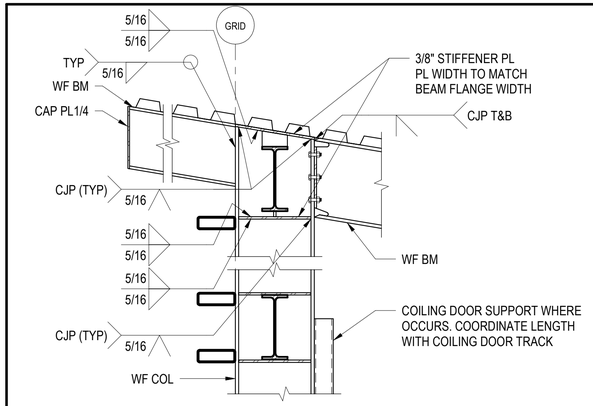
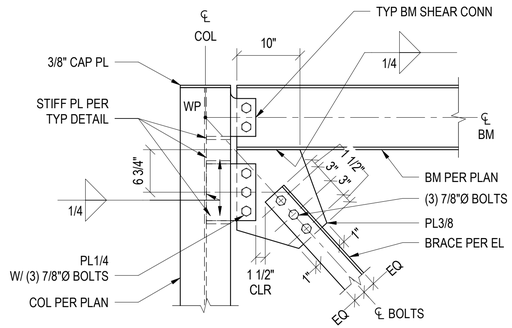
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING FOUNDATION DETAILS

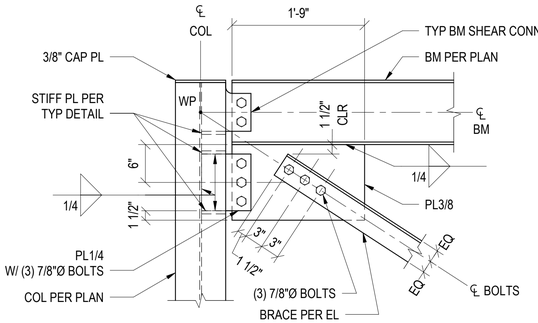
DRAWING NO. 102 OF 239
S40.04



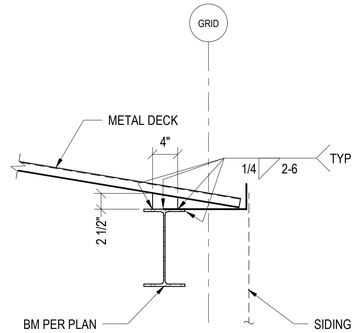
SECTION 1 — S40.01
SCALE: 1" = 1'-0"



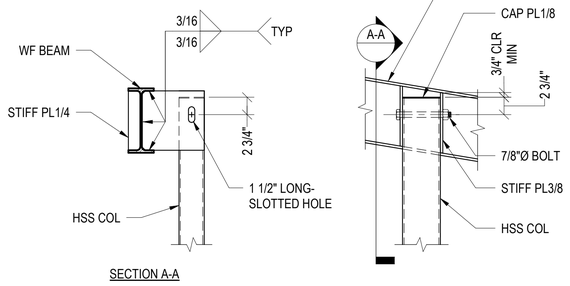
DETAIL 2 — S40.02
SCALE: 1" = 1'-0"



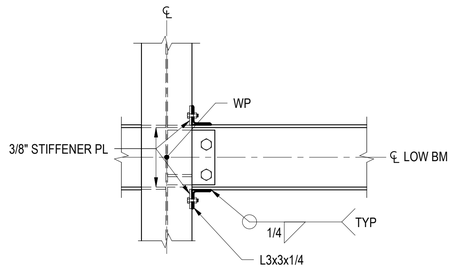
DETAIL 3 — S40.02
SCALE: 1" = 1'-0"



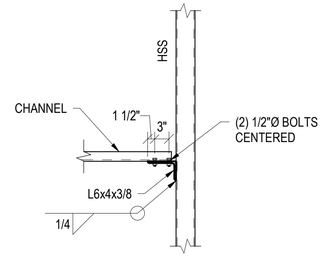
DETAIL 4
SCALE: 1" = 1'-0"



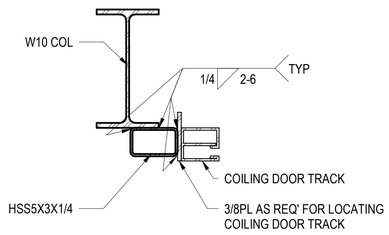
DETAIL 5 — S40.02
SCALE: 1" = 1'-0"



DETAIL 6 — -
SCALE: 1" = 1'-0"



DETAIL 8 — S40.02
SCALE: 3/4" = 1'-0"



DETAIL 9
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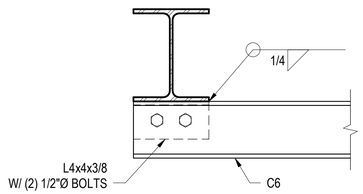
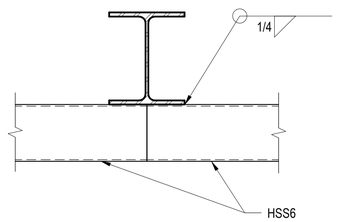


DETAIL 10 — S40.02
SCALE: 1 1/2" = 1'-0"



DETAIL 11
SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES:
1. ALL DETAILS SHALL BE PART OF BID ALTERNATE 1 UNLESS NOTED OTHERWISE.
2. EAST RETAINING WALL WITH PILASTERS IS PART OF BASE BID. IN THE EVENT THE BID ALTERNATE 1 IS NOT SELECTED REBAR INTERSECTING EAST RETAINING WALL WILL BE INSTALLED WITH FORM SAVER REBAR COUPLER.

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

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3/13/2025

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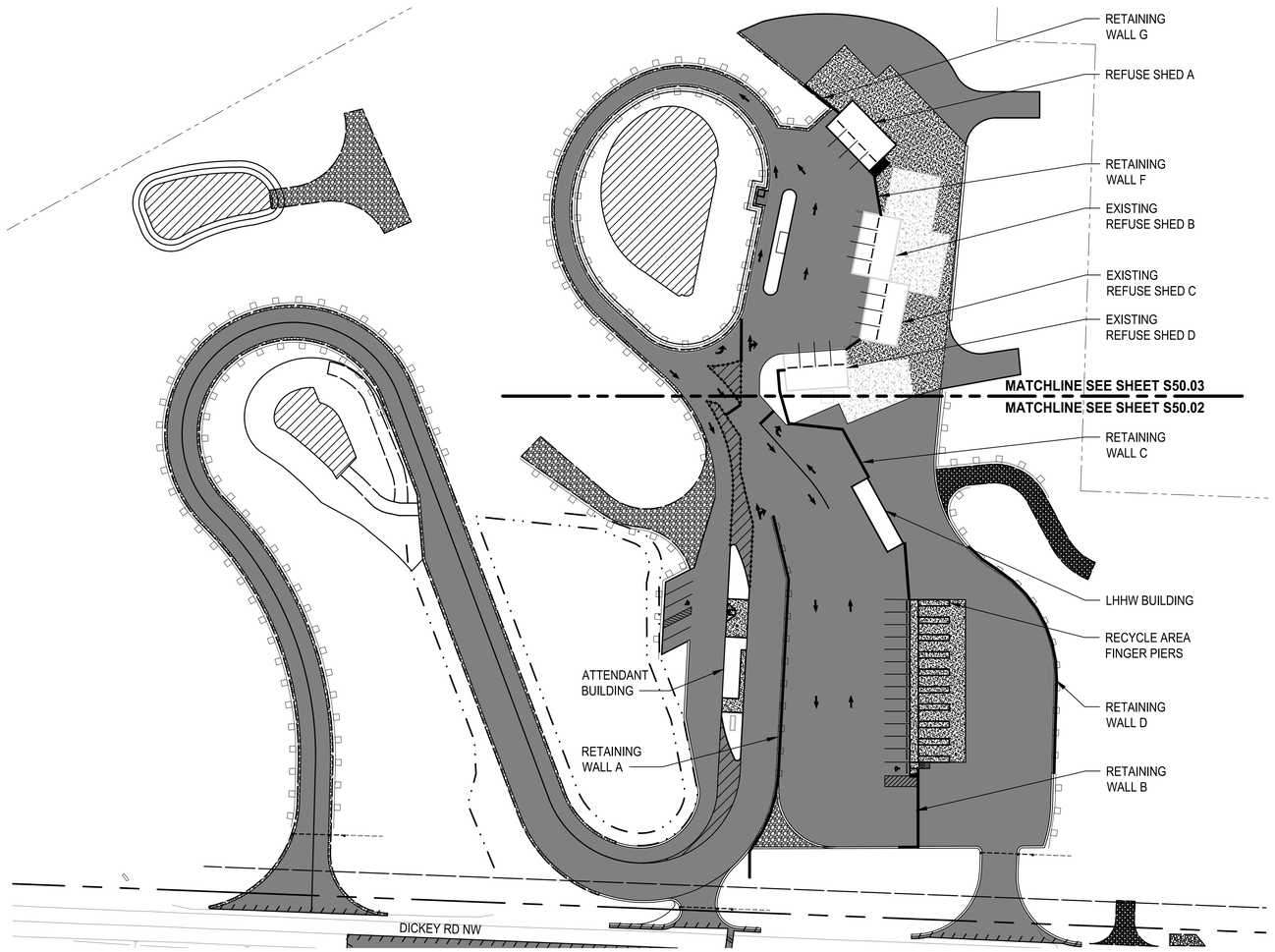
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING STEEL DETAILS

DRAWING NO. 103 OF 239
S40.05



OVERALL PLAN

SCALE IN FEET

0 60 120

N

GENERAL RETAINING WALL NOTES:

FOUNDATION DESIGN

SUBGRADE AND STRUCTURAL FILL

SUBGRADE AND BACKFILL SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT AND AS SHOWN ON THE CIVIL DRAWINGS.

DESIGN BASED ON GEOTECHNICAL ENGINEERING REPORT
PREPARED BY ASPECT CONSULTING, DATED JANUARY 24, 2023.

1. ALLOWABLE BEARING PRESSURE = 2500 PSF
2. FROST DEPTH = 12 INCHES
3. ACTIVE SOIL PRESSURE = 35 PCF
4. AT-REST SOIL PRESSURE = 55 PCF
5. SEISMIC SOIL PRESSURE = (UNIFORM) 8H PSF
6. STATIC PASSIVE PRESSURE = 300 PCF
7. FRICTION COEFFICIENT = 0.45

CONCRETE

ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING BARS, SHALL BE IN ACCORDANCE WITH MANUAL OF STANDARD PRACTICE FOR DETAILS REINFORCED CONCRETE STRUCTURES ACI 315, LATEST EDITION.

CONCRETE CONSTRUCTION SHALL CONFORM TO ACE 318 BUILDING CODE, LATEST EDITION.

TOLERANCES SHALL CONFORM TO ACI 117, SECTIONS 1 THROUGH 6.

DESIGN STRENGTH
CAST-IN-PLACE CONCRETE, UNLESS OTHERWISE NOTED:
RETAINING WALLS & SLABS . . . . . f'c = 4000psi AT 28 DAYS

REINFORCING
REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A615, GRADE 60.

CONCRETE COVER
CONCRETE COVER FOR REINFORCING BARS EXCEPT AS NOTED:
FOOTINGS AND MATS (CAST AGAINST SOIL) . . . . . 3"
CONCRETE IN CONTACT WITH SOIL, WEATHER . . . . . 2"

PROVIDE ¾" CHAMFER AT ALL EXPOSED EDGES AND OUTSIDE CORNERS.

DOWELS AND CORNER BARS
ALL HORIZONTAL BARS SHALL BE CONTINUOUS AROUND CORNERS AND THROUGH PILASTERS.
PROVIDE DOWELS AND CORNER BARS FOR ALL COLUMN AND WALL REINFORCEMENT, AT LEAST THE SAME SIZE AND SPACING AS BARS WITH WHICH THEY ARE LAPPED. LAP SPLICES AND EMBEDMENT SHALL BE PER ACI 318, OR AS NOTED. PROVIDE TWO ADDED VERTICAL BARS AT ALL WALL INTERSECTIONS.

ANCHOR BOLTS
ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 GRADE 55. (GALVANIZED UNLESS OTHERWISE NOTED).
EMBEDDED END TO HAVE SQUARE OR HEX HEAD OR 3 DIAMETER HOOK.
MINIMUM EMBEDMENT SHALL BE 8 BOLT DIAMETERS.

DRILLED-IN EXPANSION BOLTS
EXPANSION BOLTS SHALL BE "KWIK BOLTS" BY HILTI CORP., OR APPROVED EQUAL. ICC CERTIFICATION IS REQUIRED. MINIMUM SPACING SHALL BE 12 BOLT DIAMETERS AND MINIMUM EDGE DISTANCE 6 BOLT DIAMETERS UNLESS NOTED OTHERWISE. MINIMUM EMBEDMENT IN STRUCTURAL CONCRETE SHALL BE 7 BOLT DIAMETERS.

ADHESIVE ANCHORING SYSTEM
REINFORCING BARS AND RODS ANCHORED INTO EXISTING CONCRETE SHALL BE IN DRILLED HOLE WITH HILTI "HVU" CAPSULE, OR SIKA "SIKADUR" EPOXY INJECTION GEL OR APPROVED EQUAL. ICC CERTIFICATION IS REQUIRED. MINIMUM EMBEDMENT IN STRUCTURAL CONCRETE SHALL BE 8 BAR DIAMETERS.

STEEL

MATERIAL:
STRUCTURAL SHAPES SHALL CONFORM TO ASTM A992 (A572/50).
PLATES, ANGLES, CHANNELS, AND S-SHAPES SHALL CONFORM TO ASTM A36.
TUBES (HSS), SHALL CONFORM TO ASTM A500, GRADE C.
PIPES SHALL CONFORM TO ASTM A53, GRADE B.

BOLTED CONNECTIONS:
BOLTS SHALL CONFORM TO ASTM A325, BEARING TYPE N UNLESS NOTED OTHERWISE, TENSION LIMITED SLIP BOLTS (WHERE NOTED) SHALL BE INSTALLED WITH TENSION INDICATOR WASHERS.

ALL CONNECTIONS NOT SPECIFICALLY DETAILED SHALL CONFORM TO THE FOLLOWING:

A. BEAM END CONNECTIONS SHALL USE 2 VERTICAL ROWS OF BOLTS.
B. MINIMUM THICKNESS OF GUSSET PLATES, BEAM END PLATES OR CONNECTION ANGLES SHALL BE ⅜".
C. THE MINIMUM CONNECTION SHALL CONSIST OF 2 BOLTS.

MACHINE BOLTS SHALL BE ASTM A307 AND SHALL BE PROVIDED WITH LOCK WASHERS UNDER NUTS OR SELF LOCKING NUTS.

WELDING:
ALL WELDING SHALL CONFORM TO AWS D1.1 WELDING CODE. MINIMUM SIZE WELDS 5/16" CONTINUOUS FILLET.

STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MIN	MINIMUM
CLR	CLEAR	MO	MASONRY OPENING
d	PENNY WT (NAIL)	PL	PLATE
DS	DOWNSPOUT	PT	PRESSURE TREATED
EA	EACH	PWD	PLYWOOD
EF	EACH FACE	T&B	TOP & BOTTOM
EW	EACH WAY	TJI	TRUSS JOIST I BEAM OR EQUIVALENT
FDN	FOUNDATION		
F/G	FIBERGLASS	TOC	TOP OF CONCRETE
GLB	GLUE LAMINATED BEAM	TOW	TOP OF WALL
MB	MACHINE BOLT	TYP	TYPICAL

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155–S50.01–03
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LANKE — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER — 6/18/2025

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
TEL:(360) 337-5777 FAX:(360) 337-4667

Parametrix
719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

MISCELLANEOUS STRUCTURES GENERAL ARRANGEMENT SITE PLAN

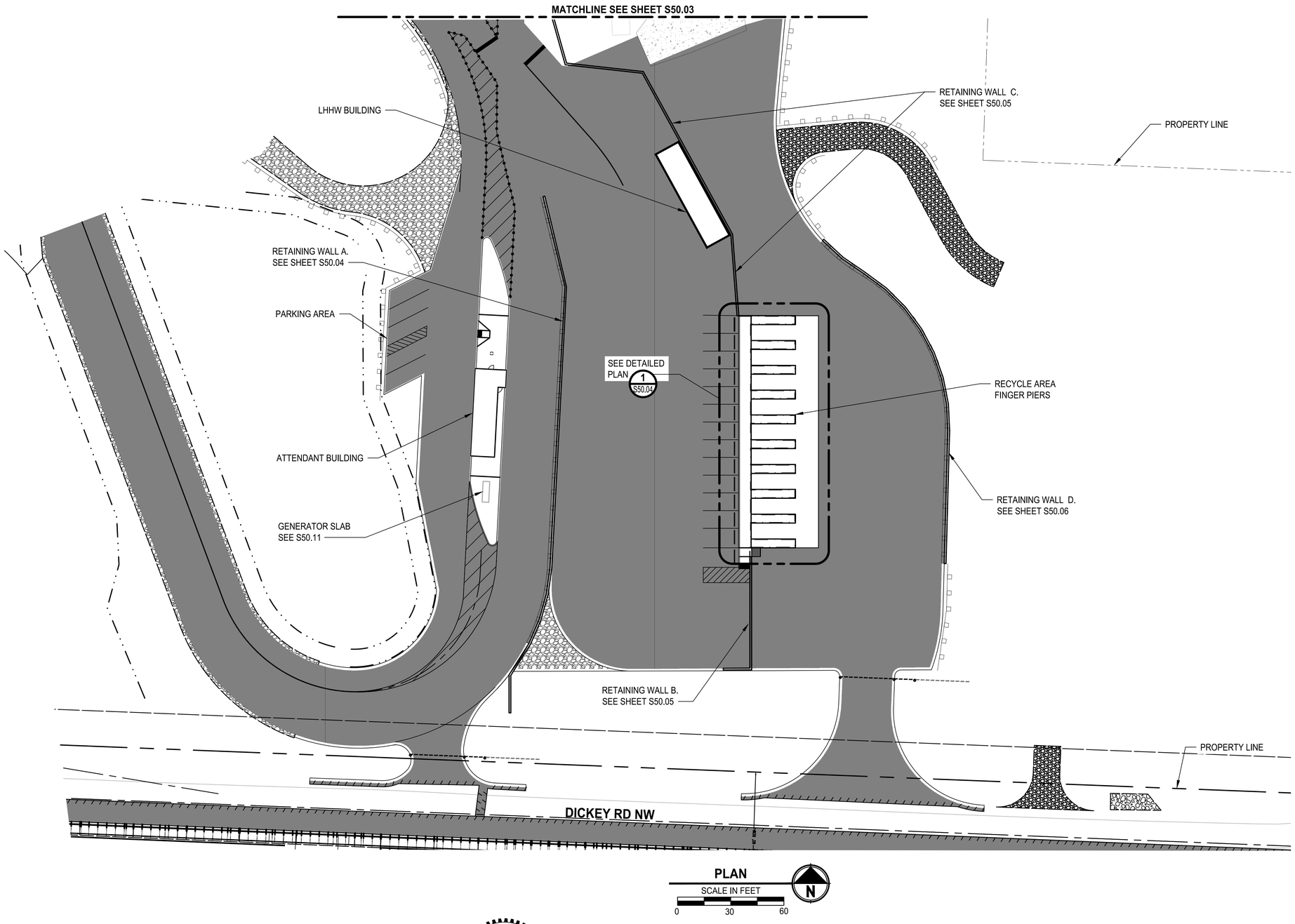
DRAWING NO. 104 OF 239

S50.01

LAYOUT: S50.01 PATH: C:\Users\peterand\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: peterand DATE: Tuesday, December 31, 2024 10:40:34 AM

NOTES:

1. CONTRACTOR SHALL VERIFY DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION.
2. RETAINING WALL INFORMATION AND DETAILS ON SHEETS S50.04 THRU S50.08.



ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-S50.01-03
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LINKE — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER
6/18/2025

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614 DIVISION STREET MS-26
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Parametrix
719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

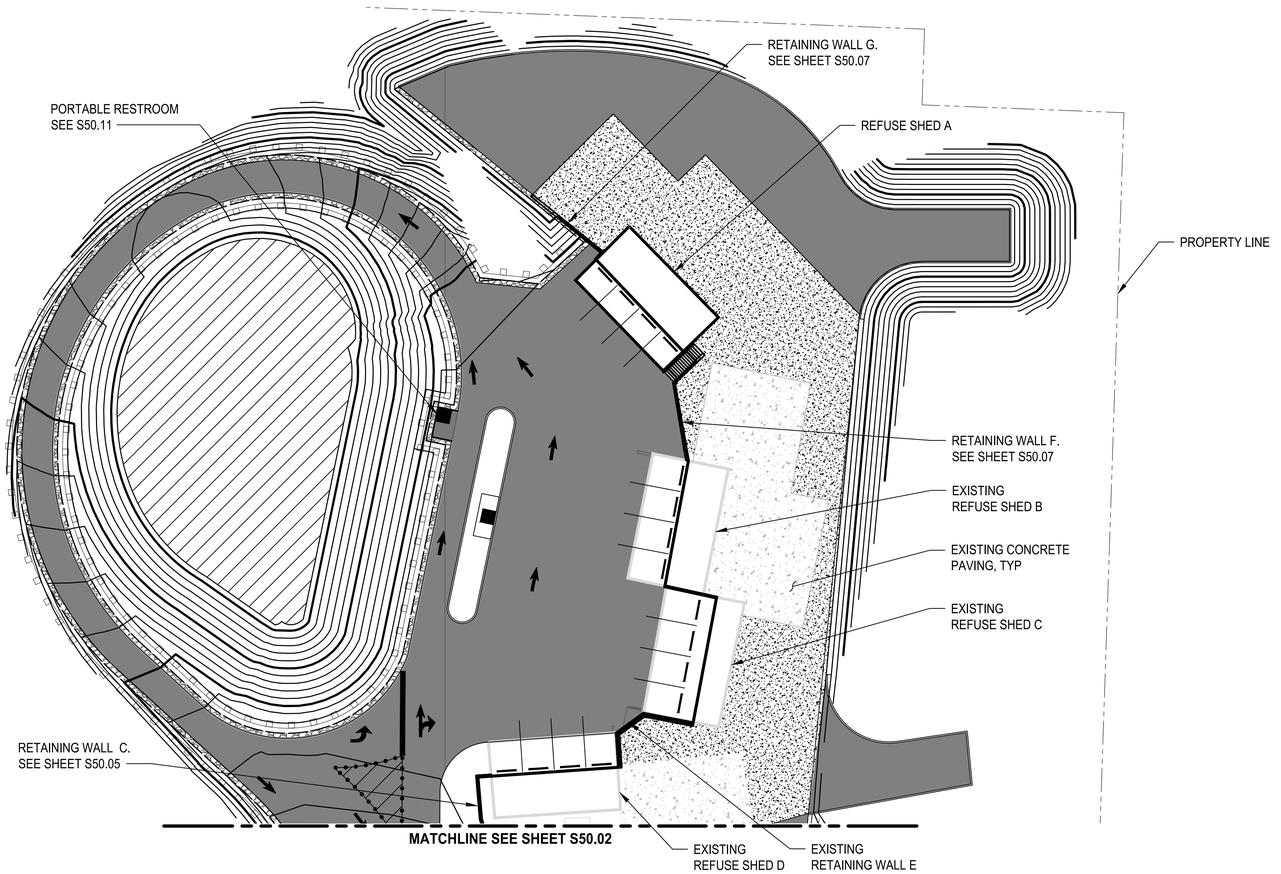
MISCELLANEOUS STRUCTURES SOUTH PLAN

DRAWING NO. 105 OF 239
S50.02

LAYOUT: S50.02 PATH: C:\Users\peterand\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: peterand DATE: Friday, December 20, 2024 9:20:49 AM PMX

NOTES:

1. CONTRACTOR SHALL VERIFY DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION.
2. RETAINING WALL INFORMATION AND DETAILS ON SHEETS S50.04 THRU S50.08.



PLAN
SCALE IN FEET
0 30 60
N

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–S50.01–03
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LINKE — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER
6/18/2025

KITSAP COUNTY
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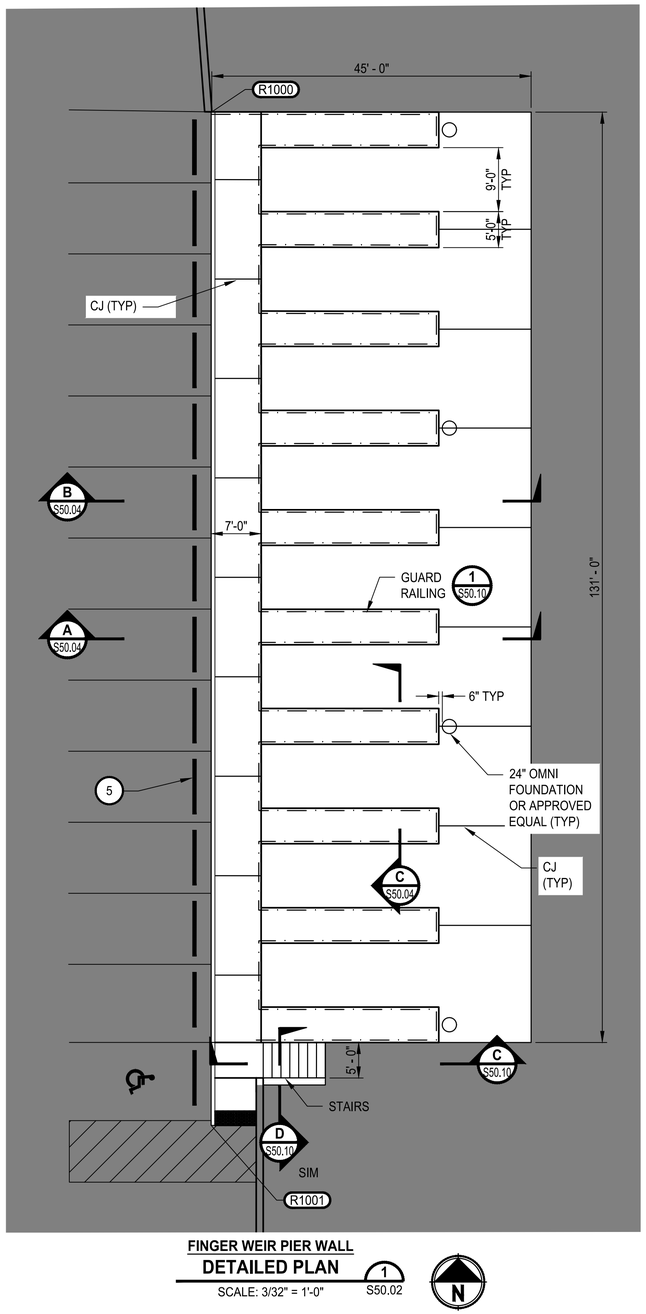
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

MISCELLANEOUS STRUCTURES NORTH PLAN

DRAWING NO. 106 OF 239
S50.03

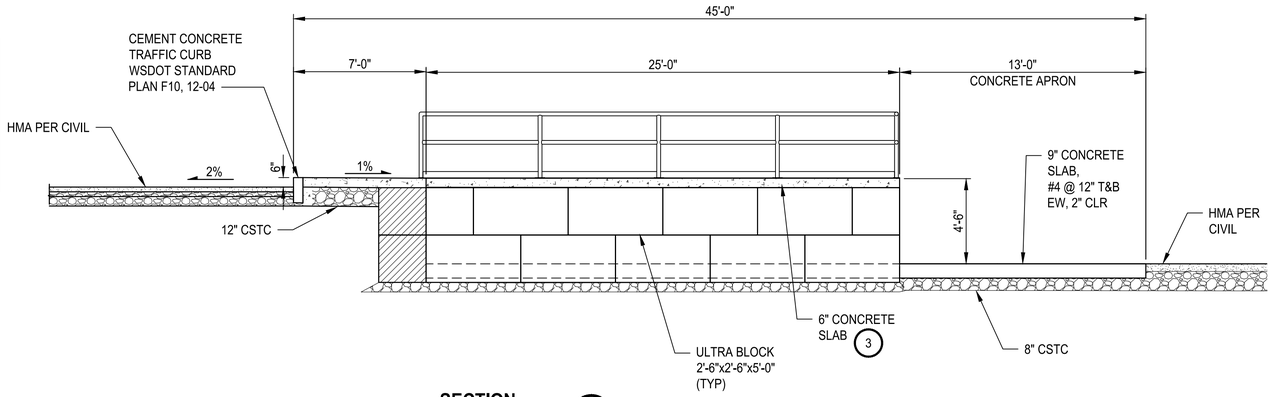
LAYOUT: S50.03 PATH: C:\Users\peterand\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: peterand DATE: Friday, December 13, 2024 4:41:54 PM



FINGER WEIR PIER WALL

DETAILED PLAN 1 S50.02

SCALE: 3/32" = 1'-0"



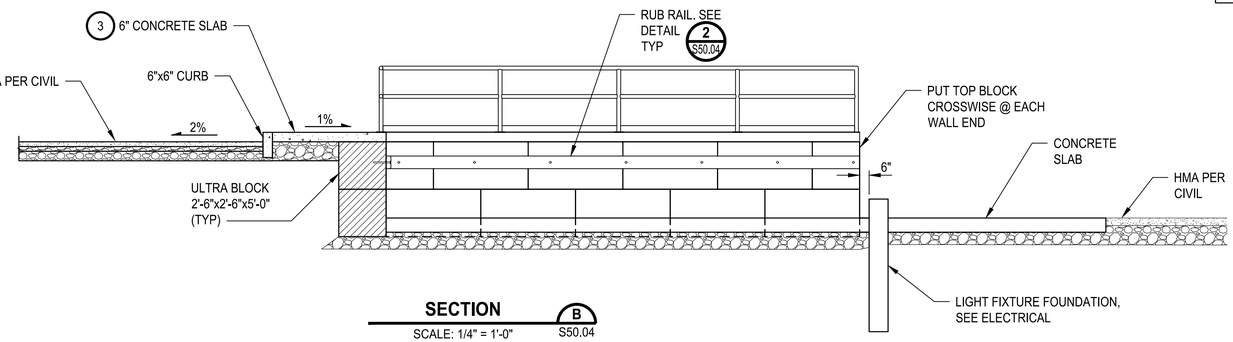
SECTION A S50.04

SCALE: 1/4" = 1'-0"

NOTES:

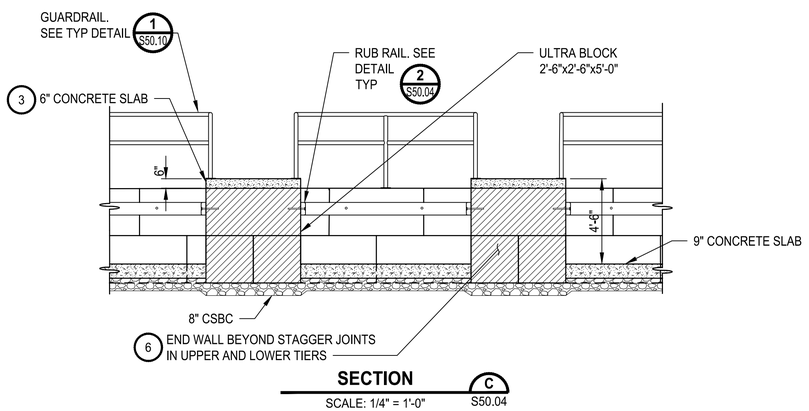
1. CONTRACTOR SHALL VERIFY DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION.
2. COORDINATE WITH ELECTRICAL SHEETS FOR LIGHTPOLE LOCATION AND ANCHORAGE.
3. PROVIDE 6"x6" W1.4xW1.4 WWF.
4. ULTRABLOCKS BY ULTRABLOCK INC. OR APPROVED EQUAL.
5. RECYCLED PLASTIC WHEEL STOP, TYP. SEE CIVIL.
6. USE HALF BLOCKS TO CREATE JOINT STAGGER.

RECYCLE AREA		
POINT	**NORTHING**	**EASTING**
R1000	240511.20	1175146.78
R1001	240368.55	1175146.77



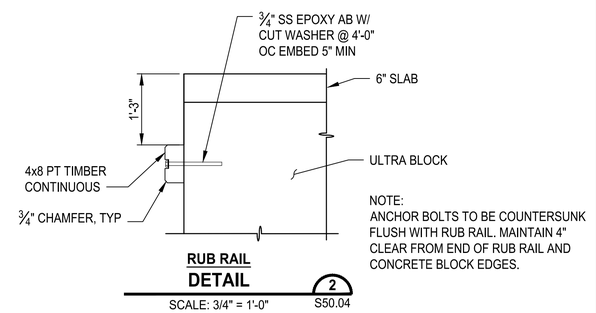
SECTION B S50.04

SCALE: 1/4" = 1'-0"



SECTION C S50.04

SCALE: 1/4" = 1'-0"



RUB RAIL DETAIL 2 S50.04

SCALE: 3/4" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME PS1578155-S50.04
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LINKE — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER — 6/18/2025

KITSAP COUNTY DEPT. OF PUBLIC WORKS
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

RECYCLE AREA FINGER PIER WALL PLAN, SECTIONS, AND DETAILS

DRAWING NO. 107 OF 239

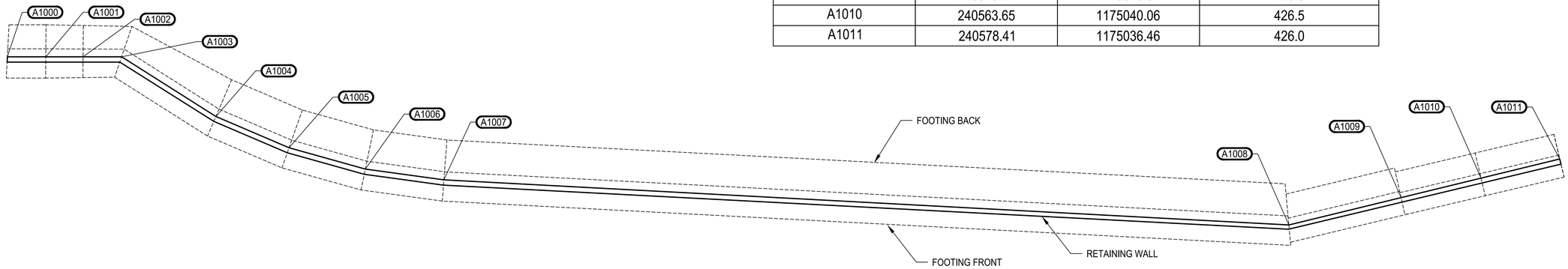
S50.04

PLOTTED BY: peterand DATE: Tuesday, December 31, 2024 2:10:14 PM
PATH: C:\Users\peterand\OC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
LAYOUT: S50.04

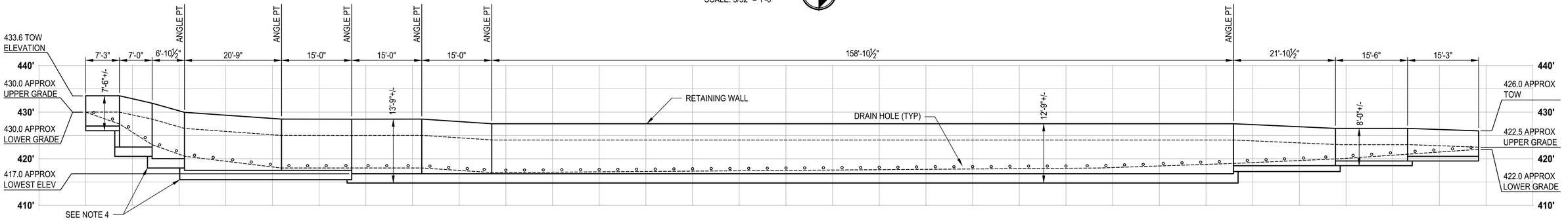
WALL A			
POINT	NORTHING	EASTING	TOP OF WALL ELEVATION
A1000	240287.10	1175017.26	433.6
A1001	240294.31	1175017.26	433.6
A1002	240301.31	1175017.26	432.0
A1003	240308.55	1175017.26	430.0
A1004	240326.23	1175028.48	428.5
A1005	240339.97	1175034.35	428.5
A1006	240354.28	1175038.35	428.5
A1007	240369.02	1175040.38	427.5
A1008	240527.59	1175048.85	427.5
A1009	240549.27	1175043.57	426.5
A1010	240563.65	1175040.06	426.5
A1011	240578.41	1175036.46	426.0

NOTES:

1. CONTRACTOR SHALL VERIFY DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION..
2. SEE CIVIL SHEETS FOR INFORMATION ON RETAINING WALL LOCATIONS.
3. NORTHINGS AND EASTINGS TAKEN AT BACK OF WALL AT THE TOP OF GRADE.
4. CONTRACTOR TO STEP FOUNDATION AT TYPICAL JOINTS IN WALL. SEE DETAIL 4 ON S50.09.
5. SEE S50.09 FOR WALL REINFORCING DETAILS.
6. SEE C40.02 FOR REAR WALL DRAIN PIPE OUTLET.



RETAINING WALL A
PLAN
SCALE: 3/32" = 1'-0"



RETAINING WALL A
ELEVATION 1
SCALE: 3/32" = 1'-0"

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–S50.05–08
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LINKE — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER
6/18/2025

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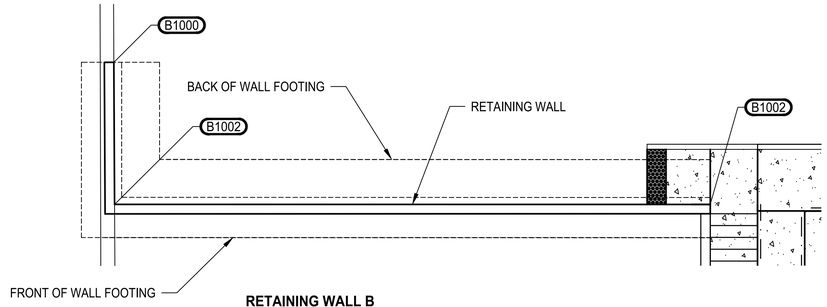
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

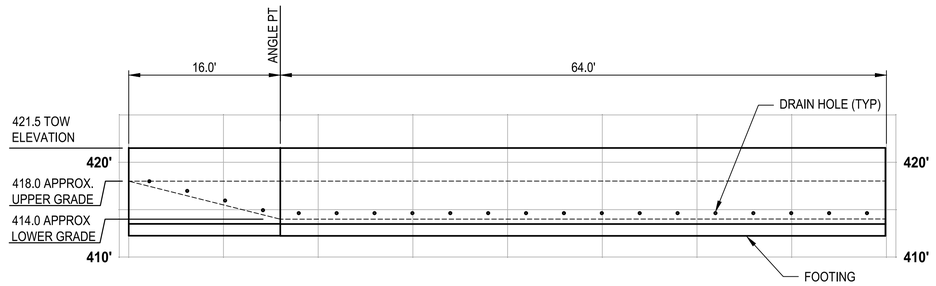
RETAINING WALL A PLAN AND ELEVATION

DRAWING NO. 108 OF 239
S50.05

LAYOUT: S50.05 PATH: C:\Users\peterand\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: peterand DATE: Tuesday, December 31, 2024 2:48:22 PM



RETAINING WALL B
PLAN
SCALE: 3/32" = 1'-0"



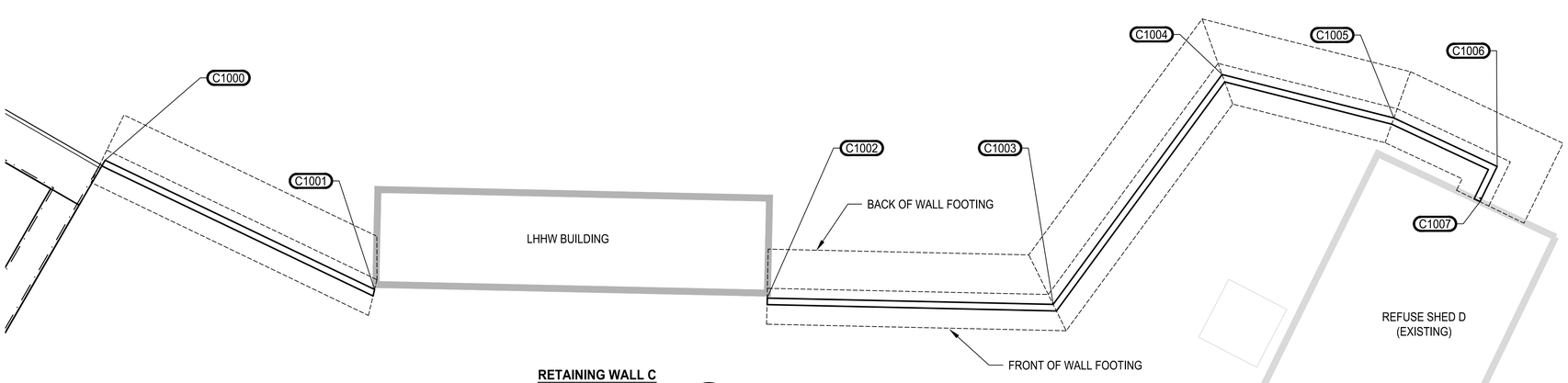
RETAINING WALL B
ELEVATION 1
SCALE: 1/8" = 1'-0"

NOTES:

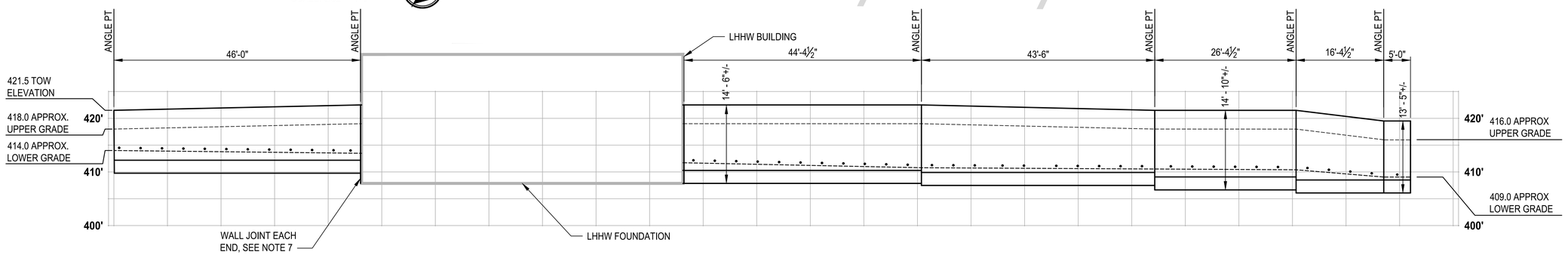
1. CONTRACTOR SHALL VERIFY DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION..
2. SEE CIVIL SHEETS FOR INFORMATION ON RETAINING WALL LOCATIONS.
3. NORTHINGS AND EASTINGS TAKEN AT BACK OF WALL AT THE TOP OF GRADE.
4. CONTRACTOR TO STEP FOUNDATION AT TYPICAL JOINTS IN WALL. SEE DETAIL 4 ON S50.09.
5. SEE S50.09 FOR WALL REINFORCING DETAILS.
6. SEE C40.02 FOR REAR WALL DRAIN PIPE OUTLETS.
7. PROVIDE 1/2" JOINT AND JOINT SEALANT.

WALL B			
POINT	**NORTHING**	**EASTING**	**TOP OF WALL ELEVATION**
B1000	240312.25	1175138.12	421.5
B1001	240312.33	1175153.12	421.5
B1002	240375.22	1175153.13	421.5

WALL C			
POINT	**NORTHING**	**EASTING**	**TOP OF WALL ELEVATION**
C1000	240511.23	1175145.87	421.5
C1001	240556.87	1175142.39	422.5
C1002	240648.03	1175092.40	422.5
C1003	240609.61	1175113.42	422.5
C1004	240652.82	1175048.95	421.5
C1005	240678.95	1175041.56	421.5
C1006	240696.36	1175040.09	419.5
C1007	240696.78	1175046.07	419.5



RETAINING WALL C
PLAN
SCALE: 3/32" = 1'-0"



RETAINING WALL C
ELEVATION 2
SCALE: 3/32" = 1'-0"

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–S50.05–08
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LINKE — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER
6/18/2025

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
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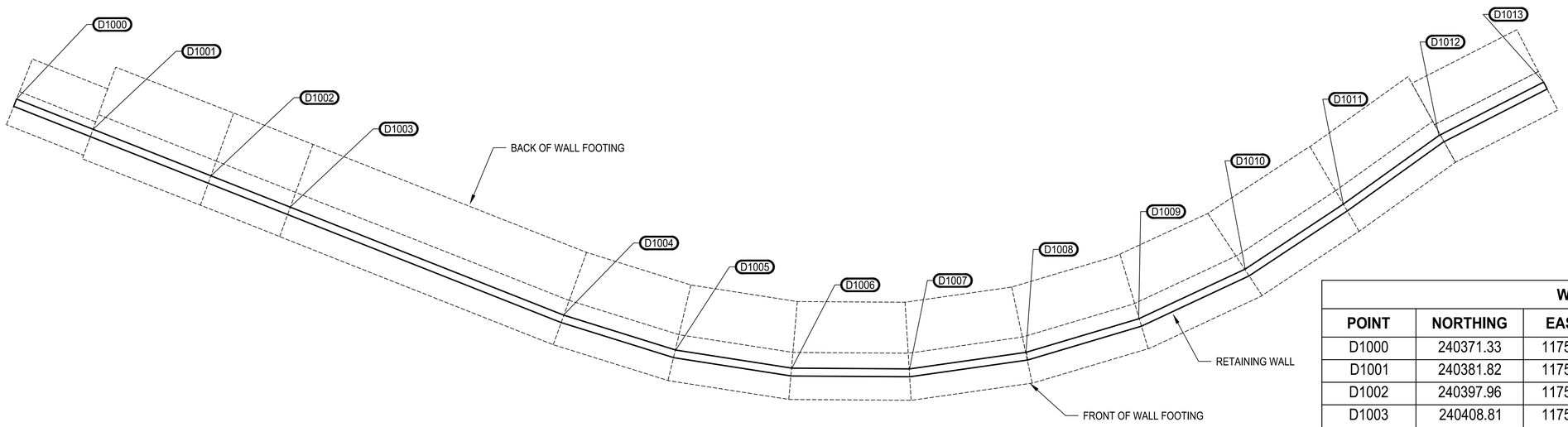
Parametrix
719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

RETAINING WALLS B & C PLANS AND ELEVATIONS

DRAWING NO. 109 OF 239
S50.06

LAYOUT: S50.06 PATH: C:\Users\peterand\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: peterand DATE: Tuesday, December 31, 2024 3:01:52 PM

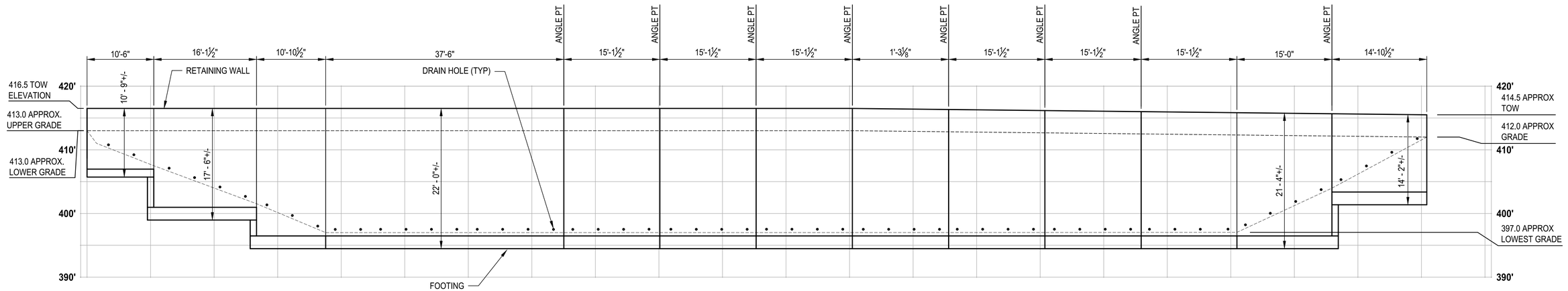


RETAINING WALL D
PLAN
SCALE: 1/8" = 1'-0"

NOTES:

1. CONTRACTOR SHALL VERIFY DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION..
2. SEE CIVIL SHEETS FOR INFORMATION ON RETAINING WALL LOCATIONS.
3. NORTHINGS AND EASTINGS TAKEN AT BACK OF WALL AT THE TOP OF GRADE.
4. CONTRACTOR TO STEP FOUNDATION AT TYPICAL JOINTS IN WALL. SEE DETAIL 4 ON S50.09.
5. SEE S50.09 FOR WALL REINFORCING DETAILS.
6. SEE C40.02 FOR REAR WALL DRAINPIPE OUTLET.

WALL D			
POINT	**NORTHING**	**EASTING**	**TOP OF WALL ELEVATION**
D1000	240371.33	1175262.76	416.5
D1001	240381.82	1175263.05	416.5
D1002	240397.96	1175263.49	416.5
D1003	240408.81	1175263.79	416.5
D1004	240446.30	1175264.81	416.5
D1005	240461.28	1175264.10	416.5
D1006	240476.00	1175261.20	416.5
D1007	240490.13	1175256.16	416.5
D1008	240503.36	1175249.10	416.3
D1009	240515.41	1175240.16	416.2
D1010	240526.01	1175229.55	416.0
D1011	240534.93	1175217.49	416.8
D1012	240543.39	1175205.10	416.7
D1013	240553.61	1175194.12	416.5



RETAINING WALL D
ELEVATION
SCALE: 1/8" = 1'-0"

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–S50.05–08
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LUKE — STATE OF WASHINGTON — 58738 — REGISTERED PROFESSIONAL ENGINEER
6/18/2025

KITSAP COUNTY — 18 57 — WASHINGTON
KITSAP COUNTY
DEPT. OF PUBLIC WORKS
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Parametrix
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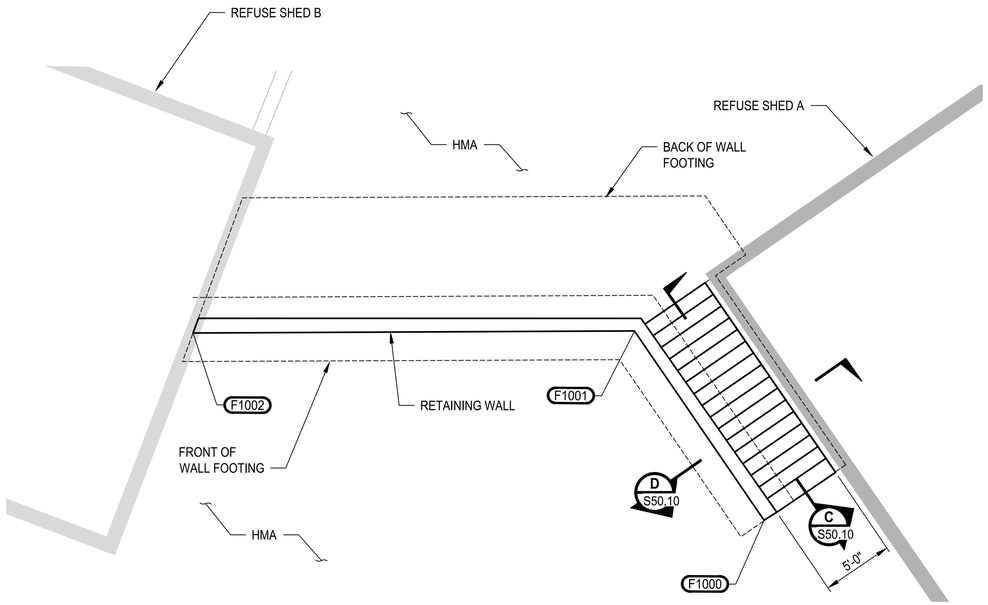
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

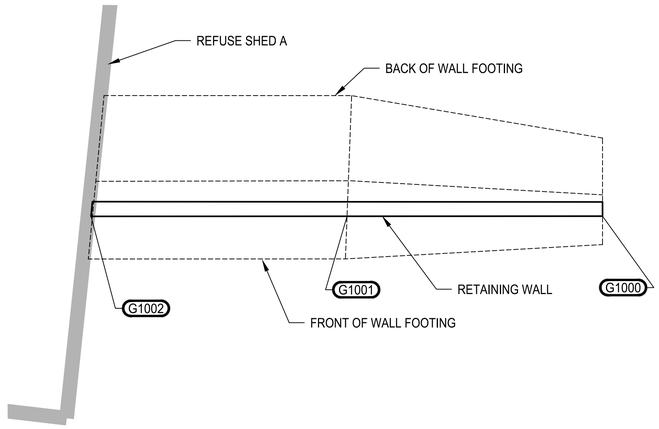
RETAINING WALL D PLAN AND ELEVATION

DRAWING NO. 110 OF 239
S50.07

LAYOUT: S50.07 PATH: C:\Users\peterand\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: peterand DATE: Tuesday, December 31, 2024 3:46:16 PM



RETAINING WALL F
PLAN
SCALE: 3/16" = 1'-0"



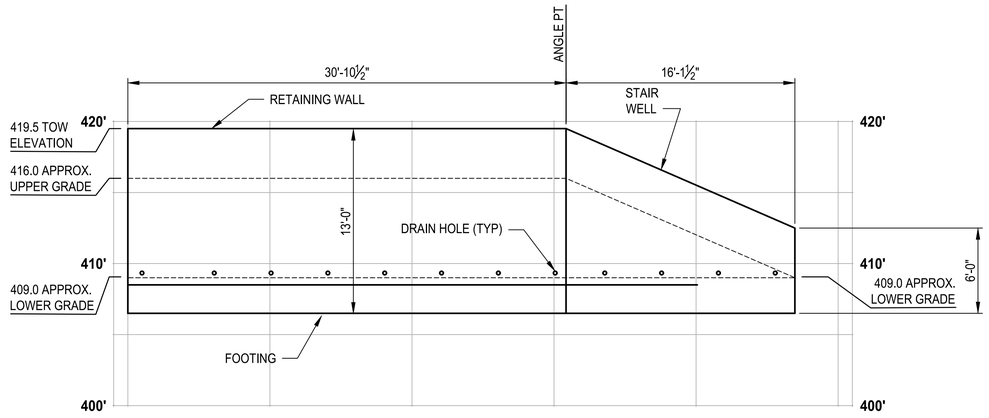
RETAINING WALL G
PLAN
SCALE: 3/16" = 1'-0"

NOTES:

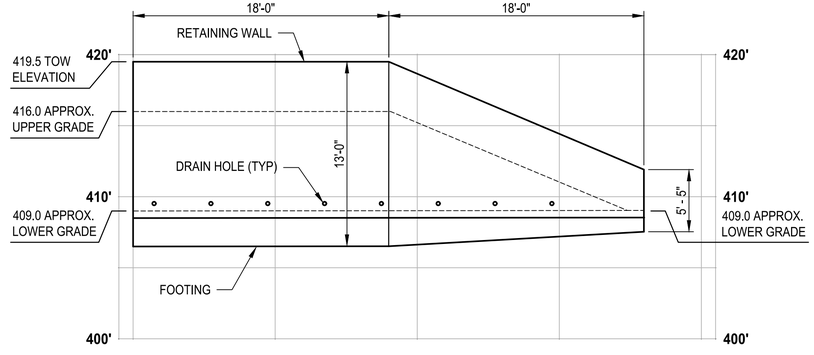
1. CONTRACTOR SHALL VERIFY DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION..
2. SEE CIVIL SHEETS FOR INFORMATION ON RETAINING WALL LOCATIONS.
3. NORTHINGS AND EASTINGS TAKEN AT BACK OF WALL AT THE TOP OF GRADE.
4. CONTRACTOR TO STEP FOUNDATION AT TYPICAL JOINTS IN WALL. SEE DETAIL 4 ON S50.09.
5. SEE S50.09 FOR WALL REINFORCING DETAILS.
6. SEE C40.03 FOR REAR WLL DRAIN PIPE OUTLET.

WALL F			
POINT	NORTHING	EASTING	TOP OF WALL ELEVATION
F1000	240862.74	1175130.64	419.5
F1001	240851.54	1175119.01	419.5
F1002	240820.93	1175124.27	412.5

WALL G			
POINT	NORTHING	EASTING	TOP OF WALL ELEVATION
G1000	240926.35	1175062.50	419.5
G1001	240916.91	1175074.2	419.5
G1002	240903.75	1175090.52	411.9



RETAINING WALL F
ELEVATION 1
SCALE: 3/16" = 1'-0"



RETAINING WALL G
ELEVATION 2
SCALE: 3/16" = 1'-0"

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–S50.05–08
JOB No. 553-1578-155
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JACOB WATSON LINKE — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER — 6/18/2025

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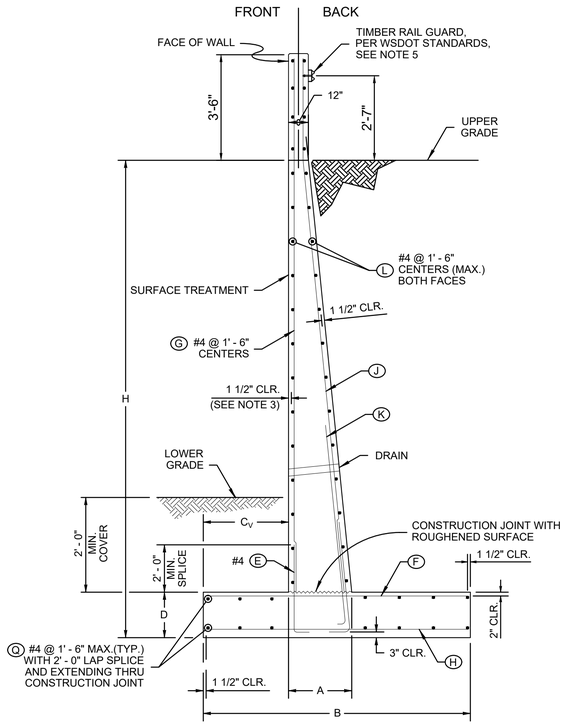
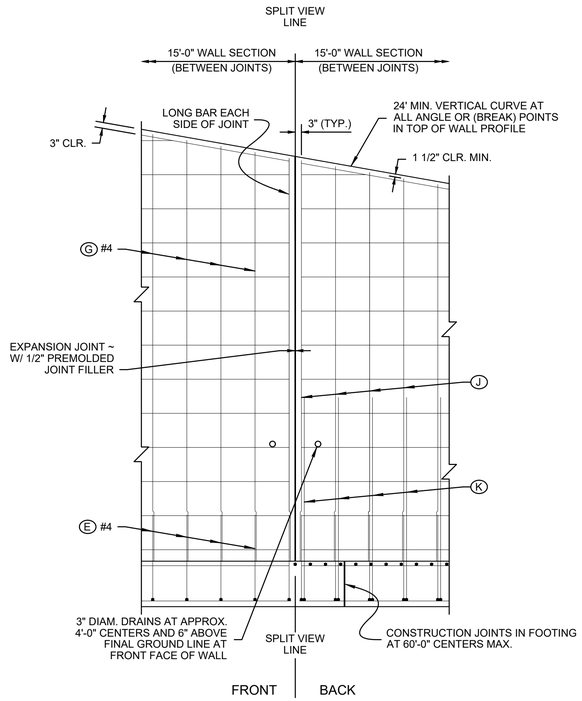
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

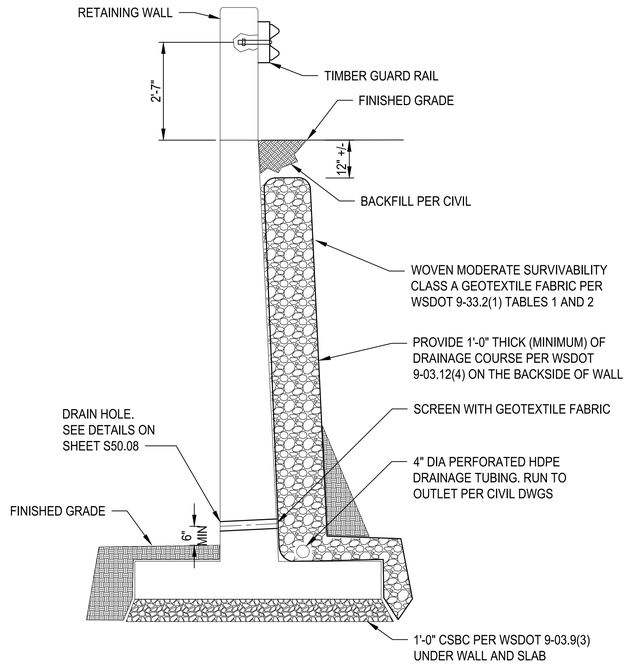
RETAINING WALLS F & G PLANS AND ELEVATIONS

DRAWING NO. 111 OF 239
S50.08

LAYOUT: S50.08 PATH: C:\Users\peterand\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: peterand DATE: Tuesday, December 31, 2024 3:59:27 PM



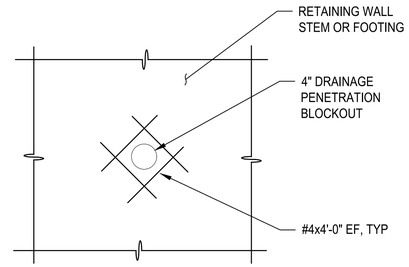




RETAINING WALL DRAINAGE
TYPICAL SECTION B
NO SCALE -

NOTES:

1. ALL CONCRETE SHALL BE CLASS 5000, EXCEPT AS NOTED.
2. CONCRETE IN THE WALL SECTIONS SHALL BE PLACED SEPARATELY BETWEEN EXPANSION JOINTS WITH A MINIMUM 24 HOUR PERIOD BEFORE PLACING CONCRETE IN THE ADJACENT SECTION.
3. PROVIDE ¾" CHAMFER AT TOP OF WALL EACH SIDE.
4. REINFORCING LENGTHS ARE A MAXIMUM AND SHOULD BE REDUCED FOR SHORTER WALLS TO MEET CLEARANCE REQUIREMENTS.
5. PROVIDE ½" ANCHORS THROUGH TIMBER BLOCKS AT 6'-0" OC, EPOXY EMBED 5" INTO WALL.
6. RETAINING WALL REINFORCING TO BE SELECTED FROM TABLE. WALL HEIGHT TO BE SELECTED BASED ON NEXT CLOSEST LARGER WALL HEIGHT.



NOTE:
TRIM BARS AT OPENING. PROVIDE 4'-0" OF SUPPLEMENTAL REINF ON EA SIDE OF PENETRATION IF BARS ARE TRIMMED.

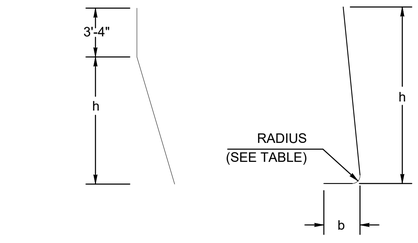
WALL PENETRATION
DETAIL 2
NO SCALE -

TYPICAL
SECTION A
SCALE: NONE -

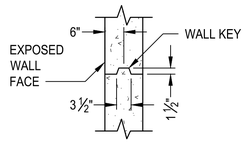
SPLIT VIEW
ELEVATION B
SCALE: NONE -
(SHOWING SEPARATE REBAR LAYERS)

WALL HT H	DIMENSIONS				FOOTING REINFORCEMENT												STEM REINFORCEMENT			
					BAR (E) #4		BAR (F)			BAR (H)			BAR (K)				BAR (J)			(G) #4
	B	CV	D	A	LENGTH	h	SIZE	SPA.	LENGTH	SIZE	SPA.	LENGTH	SIZE	SPA.	h	b	SIZE	SPA.	h	LENGTH
6'	6' - 6"	1' - 6"	1' - 0"	1' - 6"	3' - 4"	2' - 9"	#4	1' - 0"	7' - 0"	#4	1' - 0"	7' - 0"	#4	1' - 0"	5' - 0"	1' - 0"	#4	2' - 0"	4' - 9"	5' - 4"
8'	8' - 3"	2' - 6"	1' - 0"	1' - 9"	3' - 4"	2' - 9"	#5	1' - 0"	7' - 9"	#5	1' - 0"	7' - 9"	#5	1' - 0"	7' - 0"	1' - 0"	#4	2' - 0"	6' - 9"	7' - 4"
10'	9' - 0"	2' - 6"	1' - 3"	2' - 0"	3' - 4"	2' - 9"	#5	1' - 0"	8' - 6"	#5	1' - 0"	8' - 6"	#5	8"	9' - 0"	1' - 0"	#4	2' - 0"	8' - 9"	9' - 4"
14'	12' - 0"	3' - 0"	2' - 0"	2' - 6"	3' - 4"	2' - 9"	#5	1' - 0"	11' - 6"	#5	1' - 0"	11' - 6"	#5	8"	12' - 0"	1' - 0"	#4	2' - 0"	10' - 9"	11' - 4"
19'	16' - 6"	4' - 0"	2' - 0"	3' - 6"	3' - 4"	2' - 9"	#8	1' - 0"	16' - 0"	#6	1' - 0"	16' - 0"	#8	1' - 0"	15' - 0"	1' - 6"	#4	2' - 0"	13' - 9"	14' - 4"

SEE NOTE 4

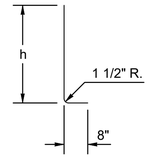


BAR (J) **BAR (K)**



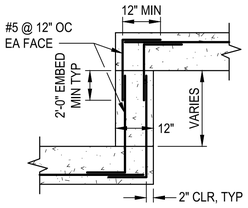
WALL JOINT
DETAIL 3
NO SCALE -

BAR	RADIUS
#4	1 1/2"
#5	1 7/8"
#6	2 1/4"
#7	2 5/8"
#8	3"
#9	4 3/4"
#10	5 3/8"
#11	6"



BAR (E) @ 1' - 6" O.C.

BAR	MIN. SPLICE
#4	2' - 0"
#5	2' - 0"
#6	2' - 0"
#7	2' - 6"
#8	3' - 3"
#9	4' - 2"
#10	5' - 3"



STEPPED WALL
DETAIL 4
NO SCALE -

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–S50.09–11
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LINK 5 — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER — 6/18/2025

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DEPT. OF PUBLIC WORKS
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719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
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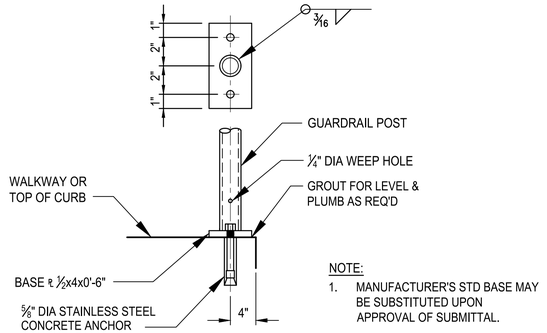
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

RETAINING WALL PLANS, SECTIONS, AND DETAILS

DRAWING NO. 112 OF 239
S50.09

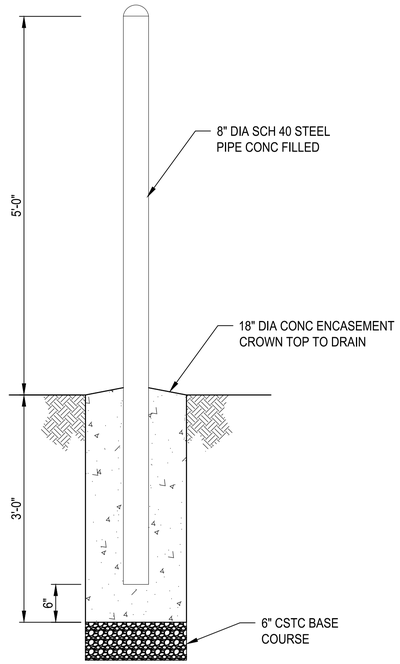
LAYOUT: S50.09 PATH: C:\Users\peterand\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: peterand DATE: Friday, December 20, 2024 11:32:52 AM



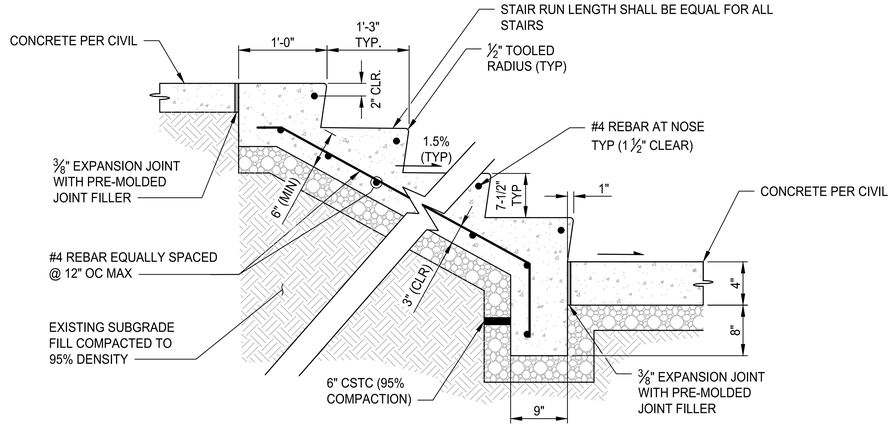
NOTE:

1. MANUFACTURER'S STD BASE MAY BE SUBSTITUTED UPON APPROVAL OF SUBMITTAL.

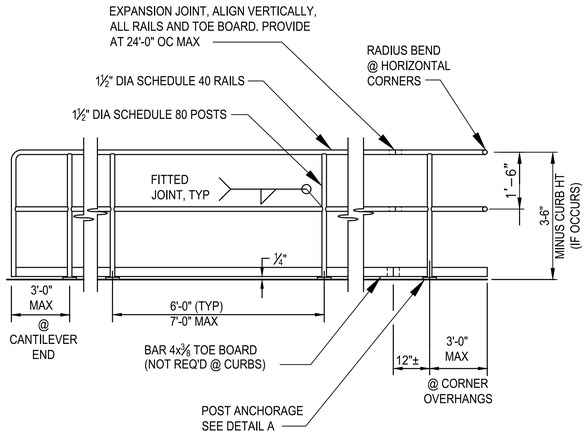
FIXED POST ANCHORAGE
TYPICAL SECTION A
NO SCALE -



TRAFFIC BOLLARD
TYPICAL SECTION B
NO SCALE -



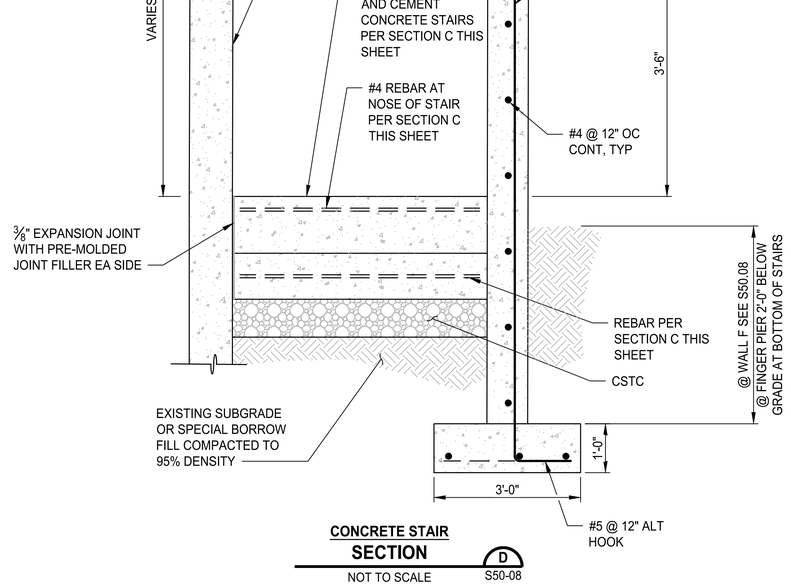
CEMENT CONCRETE STAIRS
SECTION C
NOT TO SCALE -



NOTES:

1. MATERIAL (6061 OR 6063 ALUMINUM)
2. MANUFACTURED RAIL SYSTEMS MAY BE SUBSTITUTED UPON APPROVAL OF SUBMITTAL

GUARDRAIL
TYPICAL DETAIL 1
NO SCALE -



CONCRETE STAIR
SECTION D
NOT TO SCALE S50-08

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–S50.09–11
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LINKS — STATE OF WASHINGTON — 56738 — REGISTERED PROFESSIONAL ENGINEER
6/18/2025

KITSAP COUNTY — 18 57 — WASHINGTON
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

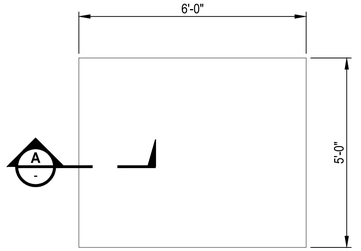
STRUCTURAL DETAILS

DRAWING NO. 113 OF 239
S50.10

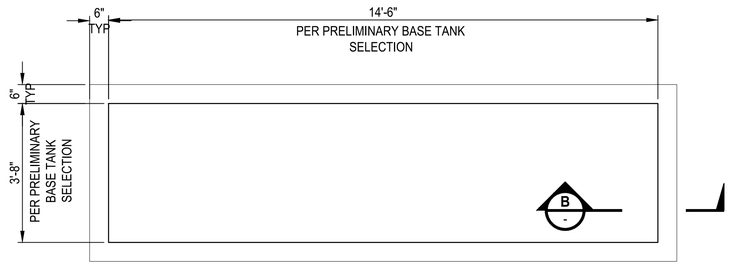
PLOTTED BY: peterand DATE: Thursday, January 2, 2025 11:16:22 AM
PATH: C:\Users\peterand\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PWX
LAYOUT: S50.10

NOTES:

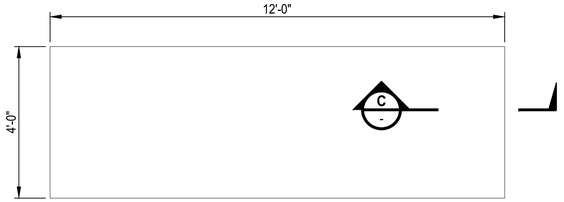
1. FIELD LOCATE AND ORIENT.
2. CONTRACTOR TO VERIFY PAD SIZES AND ANCHOR SIZES WITH ENGINEER OF RECORD UPON EQUIPMENT SELECTION.



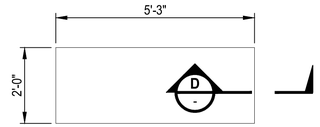
PORTABLE RESTROOM SLAB PLAN (1)
DETAIL 1
SCALE: 1/2"=1'-0" -



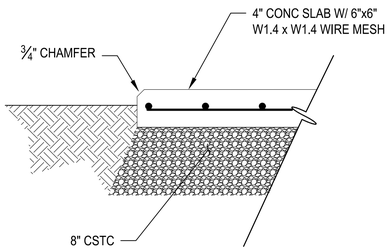
GENERATOR PAD PLAN
DETAIL 2
SCALE: 1/2"=1'-0" -



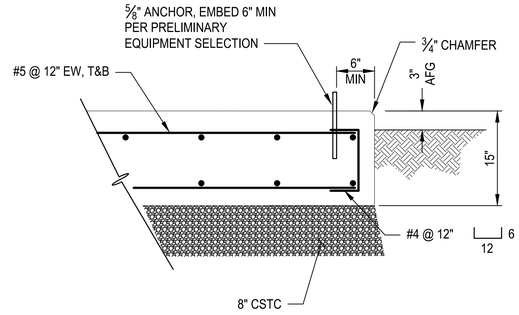
ELECTRICAL EQUIPMENT RACK PAD PLAN
DETAIL 3
SCALE: 1/2"=1'-0" -



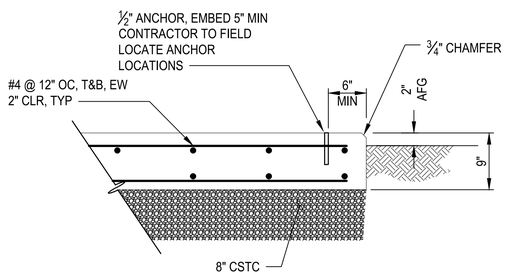
REDUCED PRESSURE ZONE ASSEMBLY RACK PAD PLAN
DETAIL 4
SCALE: 1/2"=1'-0" -



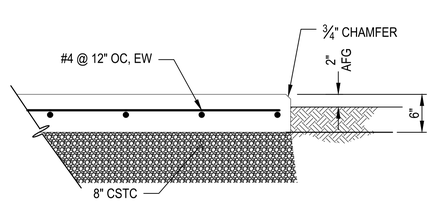
TYPICAL SECTION A
SCALE: 1-1/2"=1'-0" -



TYPICAL SECTION B
SCALE: 1"=1'-0" -



TYPICAL SECTION C
SCALE: 1"=1'-0" -



TYPICAL SECTION D
SCALE: 1"=1'-0" -

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. LINKE
DRAWN D. PETERSON
CHECKED S. WAGNER
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–S50.09–11
JOB No. 553-1578-155
DATE AUGUST 2025

JACOB WATSON LINKE — STATE OF WASHINGTON — 58738 — REGISTERED PROFESSIONAL ENGINEER — 6/18/2025

KITSAP COUNTY — 18 57 — WASHINGTON

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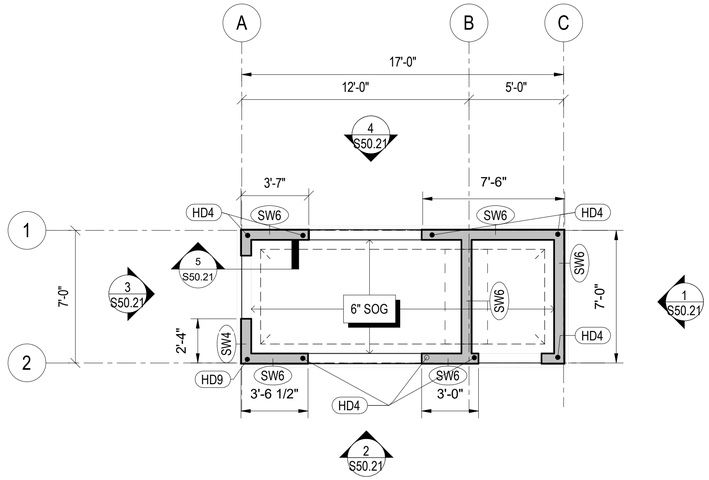
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

EQUIPMENT PAD PLANS, SECTIONS AND DETAILS

DRAWING NO.
114 OF 239
S50.11

LAYOUT: S50.11 PATH: C:\Users\peterond\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PMX PLOTTED BY: peterond DATE: Friday, December 20, 2024 11:43:36 AM

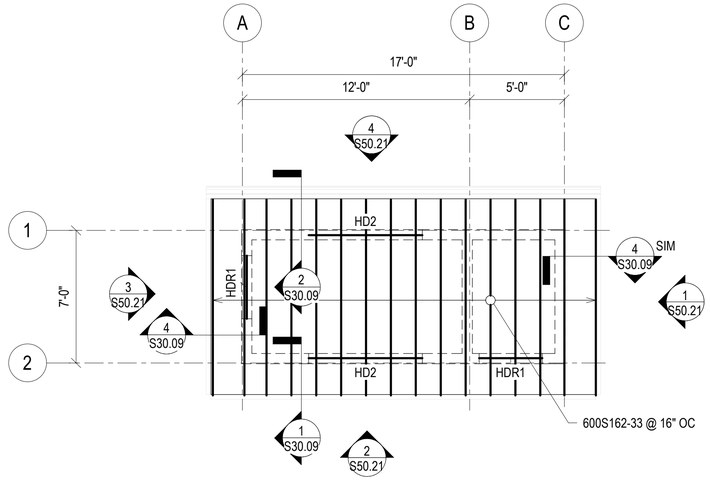


FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

TRUE NORTH



ROOF PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

TRUE NORTH

REFER TO STRUCTURAL GENERAL NOTES S30.01-S30.03.
REFER TO TYPICAL DETAILS S30.04-S30.08.

SHEET NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
2. INSTALL CONNECTORS PER MANUFACTURER'S SPECIFICATIONS. NOTIFY EOR OF ANY SUBSTITUTION REQUESTS PRIOR TO INSTALLATION.
3. PROVIDE SILL PLATE ANCHORS ACCORDING TO SHEAR WALL SCHEDULE ON S30.08 .
4. ALIGN HOLD DOWNS WITH WALL PIERS AT ENDS OF SHEAR WALL SEGMENTS ABOVE. SEE S30.08 FOR ADDITIONAL HOLD DOWN INFORMATION.
5. CONSTRUCT EXTERIOR WALLS AS TYPE SW6 SHEAR WALLS, UNO.
6. NOT USED.
7. PROVIDE CONTINUOUS CS16 STRAP ABOVE AND BELOW WINDOW OPENINGS FOR FULL DESIGNATED LENGTH OF SHEAR WALL, SCREW TO WINDOW HEADERS AND SILLS AND TO BLOCKING INSTALLED BETWEEN STUDS WITH #8 SCREW.
8. GRIDS LOCATE EXTERIOR FACE OF METAL WALL STUD AND FACE OF CONCRETE STEM WALL.
9. SLAB-ON-GRADE IS 6" THICK WITH #4 @ 12" OC EACH WAY. SLOPE SLAB TO DRAIN AS INDICATED, WHERE OCCURS, MAINTAIN SLAB THICKNESS AND BAR COVER REQUIREMENTS.
10. STRUCTURAL STUD WALLS ARE AS FOLLOWS, UON:

EXTERIOR BEARING WALLS	600S162-33 @ 16" OC
INTERIOR BEARING WALLS	600S162-33 @ 16" OC
SHEAR WALLS	SEE S30.07 FOR TYPICAL WALL FRAMING REQUIREMENTS. FRAME SHEAR WALL INTERSECTIONS IN ACCORDANCE WITH S30.08.

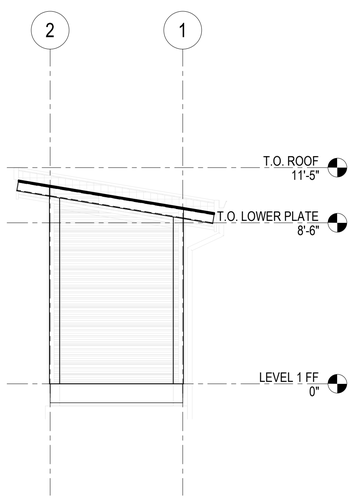
11. NON-BEARING METAL STUD WALLS PER ARCH.
12. ROOF SHEATHING IS 23/32" THICK, CONFORMING TO DOC PS-1. SEE GSN FOR OTHER INFORMATION. SCREW SHEATHING PANELS AS FOLLOWS:

ROOF BOUNDARY (BN):	#10 @ 6" OC
PANEL EDGES (EN):	#10 @ 6" OC

OTHER SUPPORTS

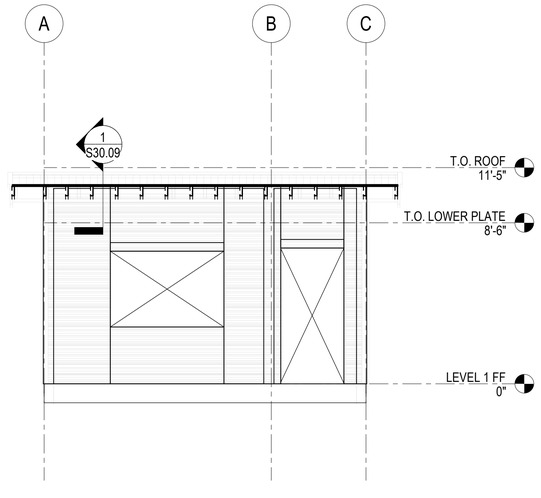
FIELD NAILING (FN):	#10 @ 6" OC
BLOCKING:	#10 @ 6" OC

SCREWS SHALL BE DRIVEN FLUSH WITH THE FACE OF SHEATING.



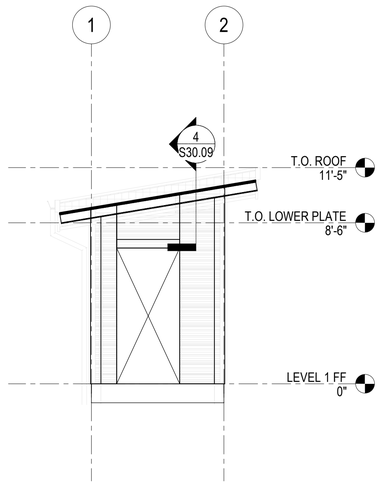
NORTH ELEVATION 1

SCALE: 1/4" = 1'-0"



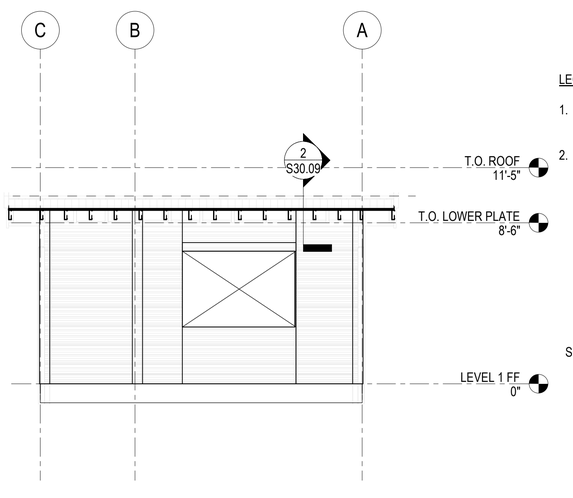
EAST ELEVATION 2

SCALE: 1/4" = 1'-0"



SOUTH ELEVATION 3

SCALE: 1/4" = 1'-0"



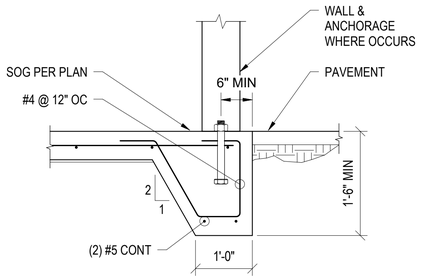
WEST ELEVATION 4

SCALE: 1/4" = 1'-0"

LEGEND

1. HDX — HOLD DOWN CONNECTING WALL ABOVE TO FOUNDATION BELOW. SEE S30.07 FOR MORE INFORMATION.
2. SHEAR WALL ABOVE.

SWX — SHEAR WALL TYPE, SEE S30.07 FOR MORE INFORMATION.



SECTION 5 / S50.21

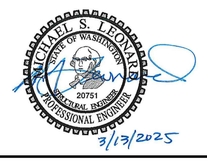
SCALE: SCALE: NTS

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/12/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 2019.128
DATE AUGUST 2025



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MLA ENGINEERING
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Seattle, WA 98101
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT OPERATOR
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION FLOOR PLANS & SECTIONS

DRAWING NO. 115 OF 239

S50.21

STRUCTURAL GENERAL NOTES

SEE STRUCTURAL GENERAL NOTES ON S30.01, S30.02, AND S30.03 FOR ADDITIONAL NOTES.

DESIGN AND CONSTRUCTION CRITERIA

DESIGN: DESIGN IS FOR A SLAB ON GRADE TO SUPPORT A PRE MANUFACTURED SHED, AND THE ANCHORAGE OF THAT SHED TO CONCRETE.

GOVERNING BUILDING CODE: DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION. THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS REFERENCED BY THE BUILDING CODE. IN CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

PRIMARY REFERENCE STANDARDS: (USE VERSION REFERENCED BY GOVERNING CODE. IF NOT REFERENCED BY GOVERNING CODE, USE LATEST EDITION)

ASCE MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-16
ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
ICC INTERNATIONAL CODE COUNCIL

DESIGN LOADS:
IN ADDITION TO THE DEAD LOADS, THE FOLLOWING LOADS WERE USED FOR DESIGN:

LIVE LOADS:
ROOF 20 PSF
HANDRAILS/ GUARDS 50 PLF OR 200 LBS

SNOW LOAD:
MIN ROOF SNOW LOAD - 25 PSF, PER BUILDING OFFICIAL
SNOW DRIFT LOADS PER ASCE 7, SECTION 7.7.
GROUND SNOW LOAD, Pg - **20** PSF
SNOW EXPOSURE FACTOR, Ce - **1.0**
SNOW LOAD IMPORTANCE FACTOR, I - **1.0**
THERMAL FACTOR, Ct - **1.2**

WIND LOADS FOR THE MAIN WIND FORCE-RESISTING SYSTEMS:
DESIGN WIND SPEED, Vult - **97** MPH, Vasd - **75** MPH
RISK CATEGORY - **II**
EXPOSURE CATEGORY – **B**, ALL FACES UON
TOPOGRAPHIC FACTOR, Kzt – **1.00**

SEISMIC LOAD:
EQUIVALENT LATERAL FORCE PROCEDURE
MAPPED SPECTRAL RESPONSE ACCELERATION, Ss – **1.48**
MAPPED SPECTRAL RESPONSE ACCELERATION, S1 – **0.527**
LONG PERIOD TRANSITION, TL – **6**
SITE CLASS – **D**
RISK CATEGORY – **II**

SUBMITTALS

SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE OWNER'S REPRESENTATIVE AND ENGINEER-OF-RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION. DIMENSION AND QUANTITY VERIFICATION ARE THE CONTRACTOR'S RESPONSIBILITIES AND ARE NOT REVIEWED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED, EITHER PRIOR TO OR AFTER THE ENGINEER PROCESSES THE SHOP DRAWING SUBMITTALS, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

REQUIRED SUBMITTALS:

REQUIRED SUBMITTALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

BIDDER-DESIGNED SUBMITTALS
CONCRETE MIX DESIGNS
CONCRETE REINFORCEMENT
STEEL EMBEDMENTS IN CONCRETE

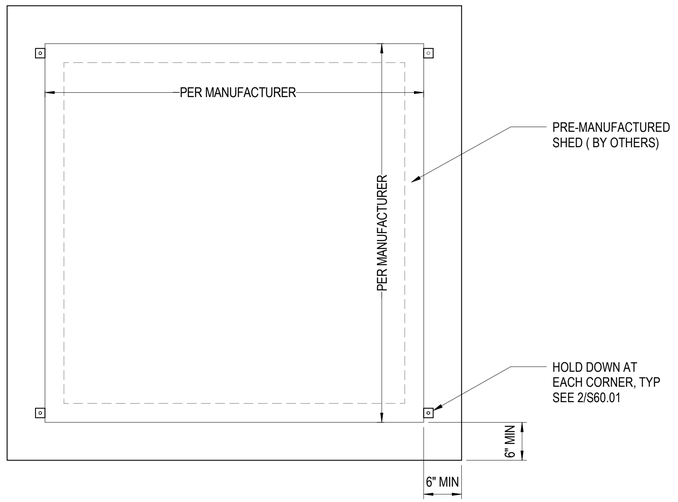
BIDDER-DESIGNED SUBMITTALS:

CALCULATIONS AND SHOP DRAWINGS FOR ELEMENTS DESIGNED BY THE CONTRACTOR OR VENDORS SHALL BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER, RETAINED BY THE CONTRACTOR AND REGISTERED IN STATE OF WASHINGTON. SUBMIT THESE DOCUMENTS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION. INCLUDE ALL DESIGN LOAD AND REACTIONS ON OTHER STRUCTURES ON THE DRAWINGS. CALCULATIONS SHALL BE SUBMITTED FOR INFORMATION ONLY AND WILL NOT BE REVIEWED OR RETURNED.BIDDER-DESIGNED SUBMITTALS INCLUDE THE FOLLOWING CONTRACTOR/VENDOR DESIGNED ELEMENTS. DEFERRED SUBMITTALS ARE INDICATED WITH AN ASTERISK:

* **PRE-MANUFACTURED BUILDINGS**

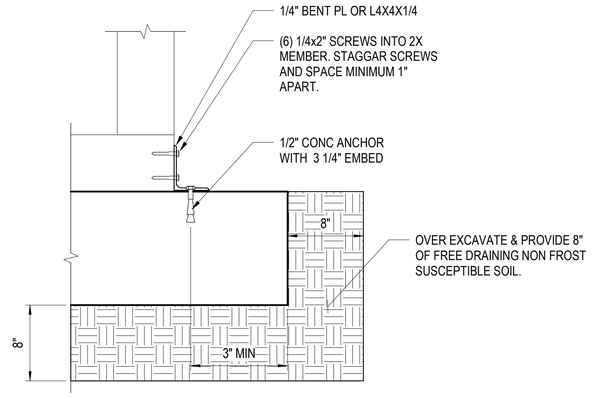
SUBMITTAL ACCEPTANCE: FOLLOWING ACCEPTANCE BY THE ARCHITECT AND ENGINEER AND PRIOR TO FABRICATION, ADDITIONAL TIME FOR REVIEW AND ACCEPTANCE OF SUBMITTAL BY THE BUILDING OFFICIAL IS REQUIRED AND SHALL BE IDENTIFIED AND ALLOWED FOR IN THE CONTRACTOR'S SCHEDULE.

SUBSTITUTIONS: SUBMIT SUBSTITUTION REQUESTS PER THE PROCEDURES IN THE SPECIFICATIONS WITH APPLICABLE ICC REPORTS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO DETAILING, FABRICATION AND ERECTION. ADDITIONAL ENGINEERING CALCULATIONS AND DETAILS, PROVIDED BY A STRUCTURAL ENGINEER LICENSED IN THE PROJECT SITE STATE, MAY BE REQUIRED OF THE CONTRACTOR FOR SUBSTITUTIONS THAT ARE NOT SIMILAR TO THE SPECIFIED PRODUCTS AND CONFIGURATION.



PLAN NOTES:
1. SLAB-ON-GRADE IS 6" THICK WITH #4 @ 12" OC EACH WAY. SLOPE SLAB TO DRAIN AS INDICATED, WHERE OCCURS, MAINTAIN SLAB THICKNESS AND BAR COVER REQUIREMENTS.

SHED SLAB
PLAN
SCALE: 1/2" = 1'-0"



HOLD DOWN DETAIL
DETAIL 2
SCALE: 1 1/2" = 1'-0" -

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
3/13/2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

MAINTENANCE SHED SLAB PLAN

DRAWING NO. 116 OF 239
S60.01

STRUCTURAL GENERAL NOTES

TYPICAL DETAILS AND THESE NOTES SHALL APPLY UNLESS NOTED OTHERWISE ON THE DRAWINGS.

USE OF DRAWINGS

NOTE CONFLICTS: IF ANY STRUCTURAL NOTES ARE IN CONFLICT WITH EACH OTHER ARCHITECTURAL AND OTHER DRAWINGS, OR THE SPECIFICATIONS, USE THE MOST STRINGENT REQUIREMENT FOR BIDDING AND CONSTRUCTING THE WORK.

EXISTING CONDITIONS: INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. DETERMINE ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS IN THE FIELD PRIOR TO COMMENCING ANY WORK. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE OWNER'S REPRESENTATIVE. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE OWNER'S REPRESENTATIVE.

REPAIR OF EXISTING CONDITIONS

EXISTING MEMBERS: CONTRACTOR SHALL SURVEY EXISTING STRUCTURES. PROJECT CONSIST OF RE-CLADDING THE EXISTING BUILDINGS, BUT ANY EXISTING DAMAGE TO ZEE GIRTS, OR MAIN STRUCTURE WILL NEED TO BE REPAIRED AS REQUIRED TO INSTALL NEW CLADDING AS PART OF THE RE-CLAD. IF ANY MAIN STRUCTURAL MEMBERS ARE FOUND TO BE DAMAGED CONDUCT A STRUCTURAL ASSESSMENT FOR PROPOSED REPAIRS.

EXISTING CORROSION: EXISTING STEEL MEMBERS WITH CORROSION TO BE SANDBLASTED AND RE-COATED. CONTRACTOR SHALL PROVIDE A FIELD SURVEY WITH DRAWINGS INDICATING LOCATIONS OF CORROSIONS. WHERE CORROSION OCCURS SAND BLAST AND RECOAT STEEL. IN ADDITION ALL COLUMNS TO BE SAND BLASTED AND RECOATED AT BASE PLATES.

DESIGN AND CONSTRUCTION CRITERIA

EXISTING BUILDING: THE EXISTING BUILDING WILL BE RECLAD AS PART OF THE PROJECT. CLADDING AND ATTACHMENT SHALL BE DESIGNED PER THE GOVERNING BUILDING CODE. THE PROJECT IS NOT INTENDED TO BE A SEISMIC RETROFIT. NO PORTION OF THE MAIN STRUCTURAL SYSTEM IS TO BE ALTERED.

GOVERNING BUILDING CODE: DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION. THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS REFERENCED BY THE BUILDING CODE. IN CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

PRIMARY REFERENCE STANDARDS: (USE VERSION REFERENCED BY GOVERNING CODE. IF NOT REFERENCED BY GOVERNING CODE, USE LATEST EDITION)

ASCE MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7

ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS

ASCE SEISMIC REHABILITATION OF EXISTING BUILDINGS, ASCE 41

ICC INTERNATIONAL CODE COUNCIL

DESIGN LOADS:

WIND LOADS FOR THE MAIN WIND FORCE-RESISTING SYSTEMS:
DIRECTIONAL PROCEDURE - ALL HEIGHTS METHOD
DESIGN WIND SPEED, Vult - **97** MPH,
Vasd - **75** MPH

RISK CATEGORY - **II**
EXPOSURE CATEGORY – **B**, ALL FACES UON
WIND DIRECTIONALITY FACTOR, Kd – 0.85
TOPOGRAPHIC FACTOR, Kzt – **1.00**
ENCLOSURE CATEGORY – **PARTIALLY ENCLOSED**
INTERNAL PRESSURE COEFFICIENT, **± 0.55**
COMPONENTS & CLADDING WIND PRESSURES, SEE DIAGRAMS ON S70.03 AND S70.04.

MEANS AND METHODS

MEANS AND METHODS: THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION MEANS AND THE METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES REQUIRED FOR SAFELY CONSTRUCTING ALL WORK.

JOBSITE SAFETY: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING A SAFE PLACE TO WORK AND FOR MEETING THE REQUIREMENTS OF ALL APPLICABLE JURISDICTIONS. EXECUTE WORK IN A MANNER THAT PROVIDES FOR THE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST INJURY AND DAMAGE DUE TO FALLING DEBRIS AND OTHER HAZARDS IN CONNECTION WITH CONSTRUCTING THE WORK.

STABILITY: THE ROOF AND FLOOR DIAPHRAGMS CARRY LATERAL FORCES DUE TO WIND, EARTHQUAKE OR SOIL TO THE SHEAR WALLS. CERTAIN ELEMENTS SHOWN ON THE STRUCTURAL DRAWINGS (SUCH AS SHEAR WALLS, ROOF AND FLOOR SLABS) ARE REQUIRED FOR OVERALL OR LOCAL STABILITY OF OTHER ELEMENTS (SUCH AS JOISTS, TRUSSES, BEAMS, COLUMNS, AND WALLS). THE CONTRACTOR SHALL RETAIN A QUALIFIED LICENSED STRUCTURAL ENGINEER WHO SHALL DETERMINE WHERE TEMPORARY SHORING/BRACING IS REQUIRED AND PROVIDE ITS DESIGN. PROVIDE THE TEMPORARY BRACING AS REQUIRED TO STABILIZE THE STRUCTURE AND ITS COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED ACCORDING TO THE CONSTRUCTION DOCUMENTS.

CONSTRUCTION LOADING: THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE STRUCTURE DURING CONSTRUCTION. WHERE CONSTRUCTION SEQUENCING AND STAGING ARE LIKELY TO CREATE OVERLOADING, THE CONTRACTOR SHALL RETAIN A QUALIFIED STRUCTURAL ENGINEER TO DETERMINE HOW TO TEMPORARILY SHORE AND SUPPORT THE OVERLOADED ELEMENTS IN A MANNER THAT DOES NOT EXCEED THE STRESS LIMITS OF THE ELEMENTS AND THE SUPPORTING FOUNDATION AS DEFINED BY THE APPLICABLE BUILDING CODES.

SUBMITTALS

SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE OWNER'S REPRESENTATIVE AND ENGINEER-OF-RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION. DIMENSION AND QUANTITY VERIFICATION ARE THE CONTRACTOR'S RESPONSIBILITIES AND ARE NOT REVIEWED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED, EITHER PRIOR TO OR AFTER THE ENGINEER PROCESSES THE SHOP DRAWING SUBMITTALS, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

SUBMITTALS (CONT)

REQUIRED SUBMITTALS:

REQUIRED SUBMITTALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

BIDDER-DESIGNED SUBMITTALS:

CALCULATIONS AND SHOP DRAWINGS FOR ELEMENTS DESIGNED BY THE CONTRACTOR OR VENDORS SHALL BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER, RETAINED BY THE CONTRACTOR AND REGISTERED IN STATE OF THE PROJECT SITE. SUBMIT THESE DOCUMENTS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION. INCLUDE ALL DESIGN LOAD AND REACTIONS ON OTHER STRUCTURES ON THE DRAWINGS. CALCULATIONS SHALL BE SUBMITTED FOR INFORMATION ONLY AND WILL NOT BE REVIEWED OR RETURNED.BIDDER-DESIGNED SUBMITTALS INCLUDE THE FOLLOWING CONTRACTOR/VENDOR DESIGNED ELEMENTS. DEFERRED SUBMITTALS ARE INDICATED WITH AN ASTERISK:

CLADDING PANELS
STRUCTURAL REPAIRS AS REQUIRED, INCLUDING EVALUATION REPORT

SUBMITTAL ACCEPTANCE: FOLLOWING ACCEPTANCE BY THE ARCHITECT AND ENGINEER AND PRIOR TO FABRICATION, ADDITIONAL TIME FOR REVIEW AND ACCEPTANCE OF SUBMITTAL BY THE BUILDING OFFICIAL IS REQUIRED AND SHALL BE IDENTIFIED AND ALLOWED FOR IN THE CONTRACTOR'S SCHEDULE.

SUBSTITUTIONS: SUBMIT SUBSTITUTION REQUESTS PER THE PROCEDURES IN THE SPECIFICATIONS WITH APPLICABLE ICC REPORTS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO DETAILING, FABRICATION AND ERECTION. ADDITIONAL ENGINEERING CALCULATIONS AND DETAILS, PROVIDED BY A STRUCTURAL ENGINEER LICENSED IN THE PROJECT SITE STATE, MAY BE REQUIRED OF THE CONTRACTOR FOR SUBSTITUTIONS THAT ARE NOT SIMILAR TO THE SPECIFIED PRODUCTS AND CONFIGURATION.

STEEL

REFERENCE STANDARDS: (USE VERSION REFERENCED BY GOVERNING CODE. IF NOT REFERENCED BY GOVERNING CODE, USE LATEST EDITION)

AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION, SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, AISC 360

AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION, SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS, AISC 341

AWS AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE – SEISMIC SUPPLEMENT, AWS D1.8

AWS AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE – STEEL, AWS D1.1 AND STRUCTURAL WELDING CODE – SHEET STEEL, AWS D1.3

RCSC RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS, SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS

SDI STEEL DECK INSTITUTE, STANDARD FOR NON-COMPOSITE STEEL FLOOR DECK, STANDARD FOR STEEL ROOF DECK, AND CODE OF STANDARD PRACTICE

STRUCTURAL STEEL MATERIALS:

WIDE FLANGE SHAPES	ASTM A992, Fy = 50 KSI
HOLLOW STRUCTURAL SECTIONS (HSS)	
TUBES	ASTM A500, GRADE B, Fy = 46 KSI
STEEL PIPE	ASTM A53, GRADE B, Fy = 35 KSI
OTHER STEEL SHAPES	ASTM A36, Fy = 36 KSI
STRUCTURAL BOLTS	ASTM F3125 GRADE A325 OR A490, TYPE 1 OR 3
ANCHOR BOLTS	ASTM F1554, GRADE 36
WOOD CONNECTION BOLTS	ASTM A307
THREADED RODS	ASTM A36
WELDING ELECTRODES	E70XX
DEFORMED BAR ANCHORS (DBA)	ASTM A1064, Fy = 70 KSI
WELDED HEADED STUDS (WHS)	ASTM A108, Fy = 50 KSI
WELDED THREADED STUDS (WTS)	ASTM A108, Fy = 50 KSI

MISC STEEL: STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE REQUIREMENTS OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION AIDS AND JOINT PREPARATIONS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES AND OTHER AIDS, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES, AND TAPERS OF UNEQUAL PARTS.

GALVANIZING: STRUCTURAL STEEL AND CONNECTIONS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN COMPLIANCE WITH ASTM A123. GALVANIZE BOLTS AND SIMILAR THREADED FASTENERS EXPOSED TO WEATHER IN ACCORDANCE WITH ASTM A153, CLASS C AND D, AS APPLICABLE. ALL FIELD WELDS EXPOSED TO WEATHER SHALL BE COATED WITH BRUSH APPLIED ZINC-RICH PAINT COMPLYING WITH ASTM A780 (GALVACON OR EQUIVALENT).

PAINTING: STRUCTURAL STEEL SHALL BE PRIMED AND PAINTED, IF NOTED ON THE ARCHITECTURAL DRAWINGS OR SPECIFICATIONS. PRIMER SHALL BE THE FABRICATOR'S STANDARD LEAD AND CHROMATE FREE, NON-ASPHALTIC, RUST-INHIBITING PRIMER. STEEL ANCHORS AND TIES AND OTHER MEMBERS EMBEDDED IN CONCRETE OR MASONRY SHALL BE LEFT UNPAINTED.

HIGH-STRENGTH BOLTS: HIGH-STRENGTH BOLTS SHALL BE INSTALLED, TIGHTENED AND INSPECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS. THE CRITERIA FOR SLIP-CRITICAL CLASS A FAYING SURFACE CONNECTIONS SHALL APPLY TO CONNECTIONS UNLESS SPECIFICALLY NOTED AS SNUG TIGHT. SLIP-CRITICAL CONNECTIONS SHALL USE LOAD INDICATOR WASHERS OR TENSION CONTROL BOLTS. BOLT HOLES SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.

MINIMUM CONNECTIONS: MINIMUM CONNECTIONS SHALL BE A TWO-BOLT CONNECTION USING 7/8-INCH DIAMETER GRADE A325 BOLTS IN SINGLE SHEAR.

ANCHOR RODS: ANCHOR RODS SHALL BE HEADED BOLTS EMBEDDED INTO CONCRETE AS SHOWN IN THE DETAILS.

A307 BOLTS: PROVIDE WITH LOCK WASHERS UNDER NUTS OR SELF-LOCKING NUTS. BOLT HOLES SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.

STEEL (CONT)

WELDING: WELDING SHALL BE IN CONFORMANCE WITH AISC AND AWS STANDARDS AND SHALL BE PERFORMED BY AWS/WABO CERTIFIED WELDERS, WHO ARE QUALIFIED FOR THE WELD TYPE THEY PERFORM, USING E70XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY AWS) SHALL BE USED. WELDS SHOWN ON THE DRAWINGS ARE THE MINIMUM SIZE. INCREASE WELD SIZE TO AWS MINIMUM SIZES BASED ON PLATE THICKNESS. MINIMUM WELDING SHALL BE 3/16 INCH. SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS.

MISC CLOSURE PLATES: PROVIDE RIDGE AND VALLEY PLATES, FILLER SHEETS, COLUMN CLOSURE PLATES, CELL CLOSURE PLATES, POUR STOPS AND MISCELLANEOUS LIGHT GAGE METAL SHAPES NECESSARY TO COMPLETE THE WORK. PROVIDE RUBBER CLOSURE IF SHOWN IN THE ARCHITECTURAL DRAWINGS. COORDINATE ALL CLOSURES WITH ELEVATOR, STAIR, ESCALATOR AND OTHER ARCHITECTURAL DETAILS.

CLADDING

CLADDING DESIGN: EXTERIOR CLADDING PANELS AND CONNECTIONS SHALL BE DESIGNED BY THE MANUFACTURER FOR THE LOADS AND CONDITIONS SHOWN ON THE PLANS. MANUFACTURER SHALL SUBMIT DETAIL DRAWINGS AND CALCULATIONS BEARING THE STAMP AND SIGNATURE OF A PROFESSIONAL ENGINEER REGISTERED IN THE PROJECT STATE. THE MANUFACTURER'S ENGINEER SHALL BE RESPONSIBLE FOR DESIGN, CODE CONFORMANCE, AND CONNECTION OF EXTERIOR CLADDING PANELS TO BASIC STRUCTURE. THE ENGINEER OF RECORD TAKES NO RESPONSIBILITY FOR PRODUCT DESIGN, MANUFACTURE, DELIVERY AND HANDLING, OR CONNECTION TO BASIC STRUCTURE. SHOP DRAWINGS SHALL BEAR THE REVIEW STAMP OF THE DESIGNING ENGINEER'S FIRM PRIOR TO REVIEW BY THE ENGINEER OF RECORD. REQUIRED BRACING, TIES, ANCHORAGE, DISTRIBUTION MEMBERS, AND SIMILAR ELEMENTS SHALL BE FURNISHED AND INSTALLED IN CONFORMANCE WITH SUBMITTED DRAWINGS AND CALCULATIONS.

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
3/13/2025

KITSAP COUNTY DEPT. OF PUBLIC WORKS
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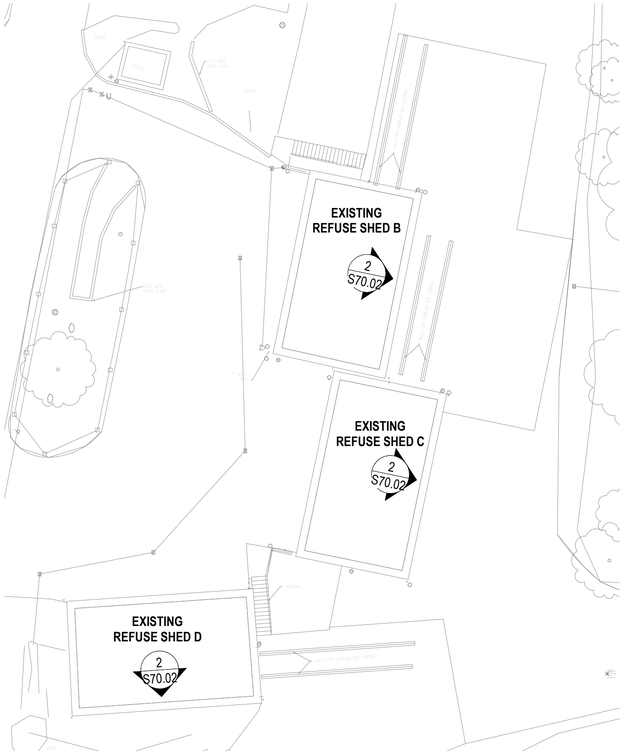
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

EXISTING REFUSE SHED "B, C & D" GENERAL NOTES

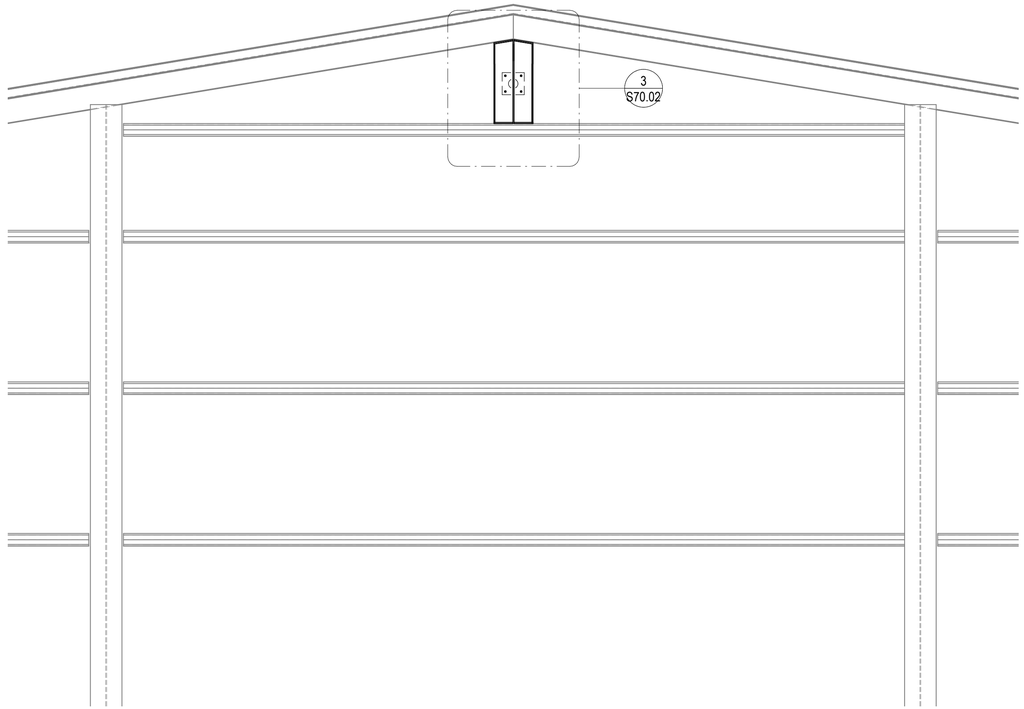
DRAWING NO. 117 OF 239
S70.01



SITE

PLAN

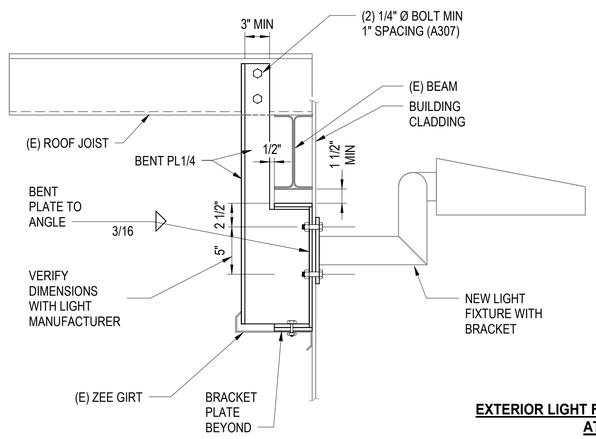
SCALE: 1" = 20'-0"

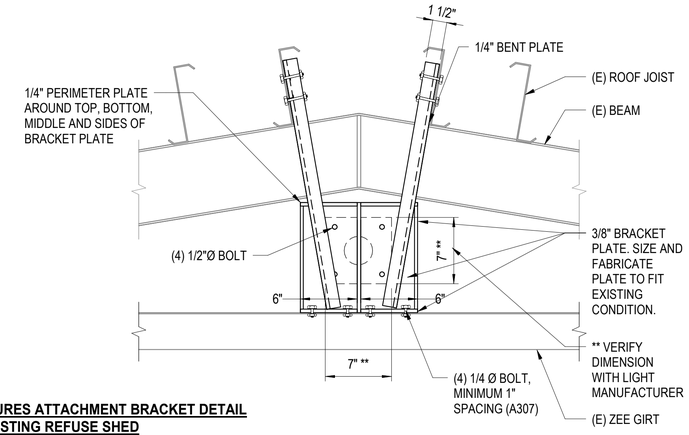


BACK WALL ELEVATION - EXISTING REFUSE SHED

ELEVATION 2

SCALE: NTS





EXTERIOR LIGHT FIXTURES ATTACHMENT BRACKET DETAIL AT EXISTING REFUSE SHED

DETAIL 3

SCALE: NTS

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

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3/13/2025

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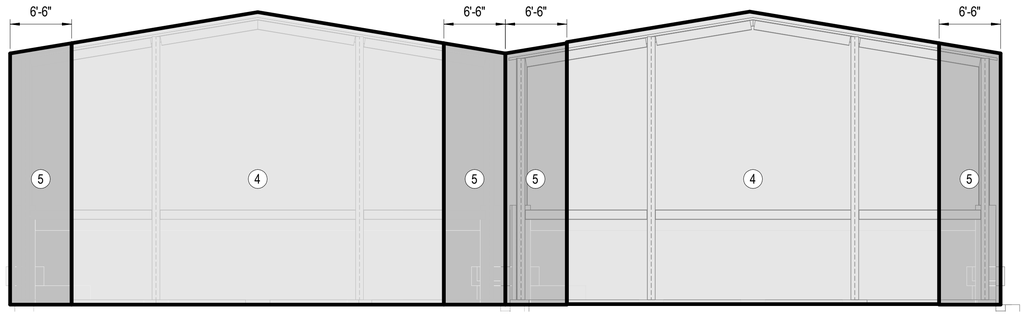
KITSAP COUNTY, WASHINGTON

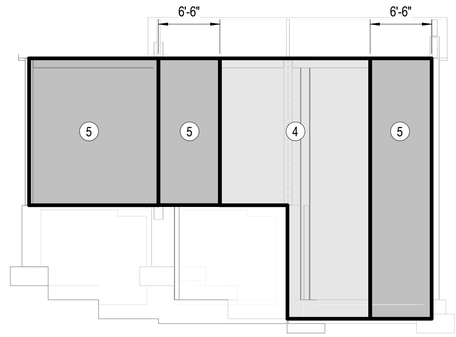
EXISTING REFUSE SHED "B, C & D" PLANS & DETAILS

DRAWING NO.
118 OF 239
S70.02

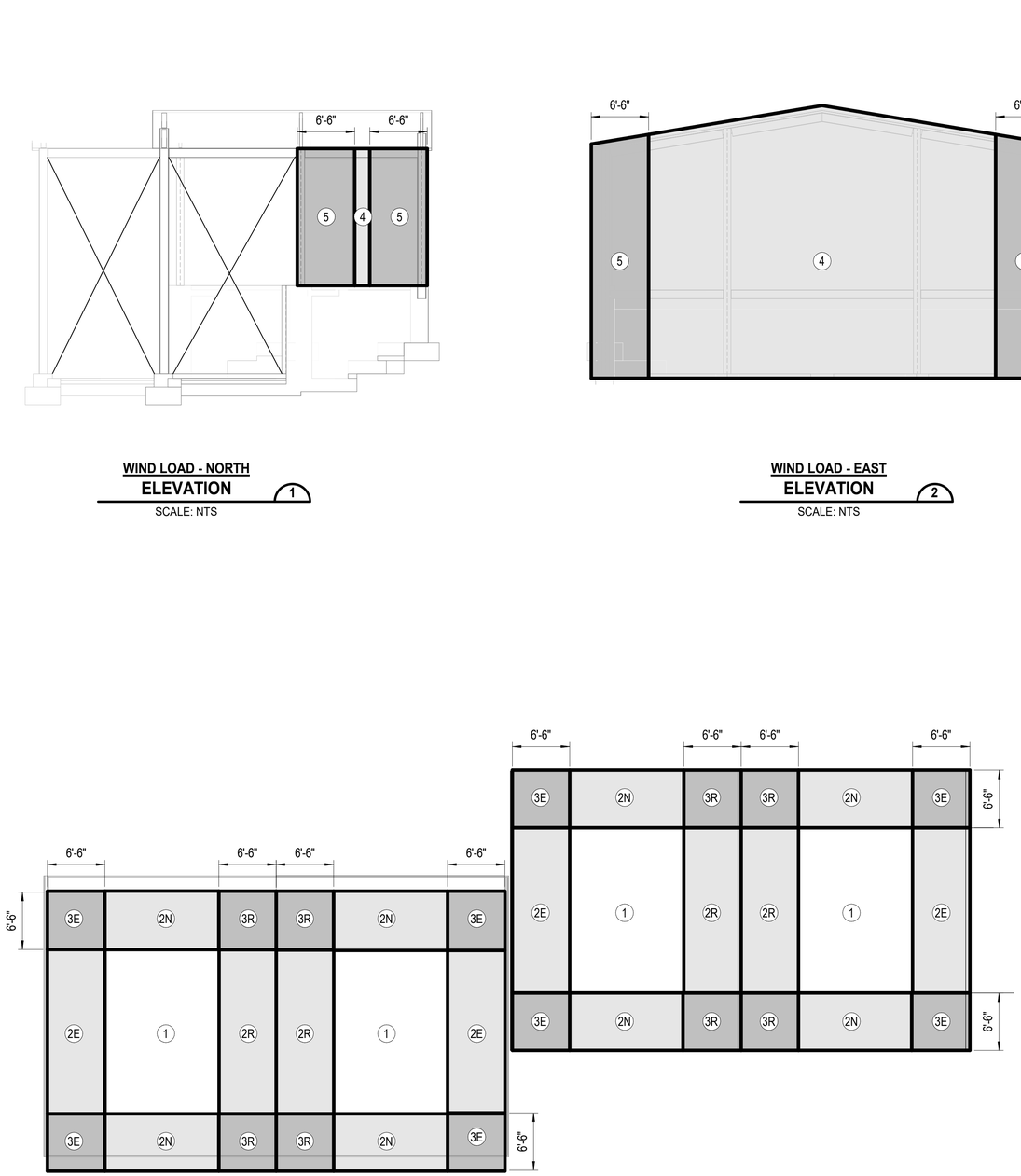
WIND LOAD - NORTH
ELEVATION 1
SCALE: NTS



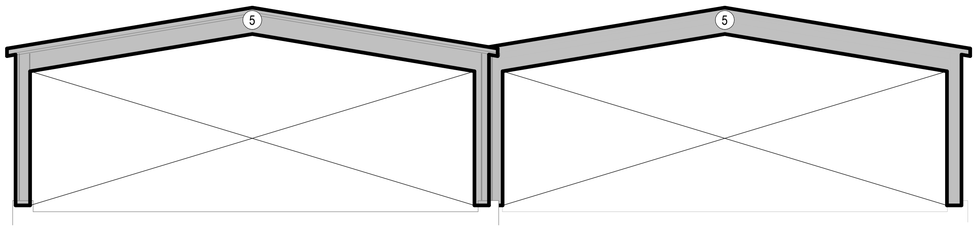
WIND LOAD - EAST
ELEVATION 2
SCALE: NTS



WIND LOAD - SOUTH
ELEVATION 3
SCALE: NTS



ROOF WIND LOAD
PLAN
SCALE: NTS



WIND LOAD - WEST REF B
ELEVATION 4
SCALE: NTS

		WIND PRESSURES (PSF)		MINIMUM WIND UPLIFT APPROVAL RATING NEEDED
	ZONE	OUTWARD (NEG)	INWARD (POS)	
ROOF	ZONE 1,2E	-33	16	I-75
	ZONE 2R, 2N, 3E	-46	16	I-105
	ZONE 3R	-54	16	I-120
WALL	ZONE 4	-20	19	I-40
	ZONE 5	-24	19	I-50

LEGEND

(#) INDICATES ZONE PER TABLE.

NOTE:
WIND PRESURES AND RATINGS CALCULATED PER FM GLOBAL DATA SHEET DS 1-28. (INTERM REVISION DATED APRIL 2021).

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

MICHAEL S. LEONARD — STATE OF WASHINGTON — 20751 — REGISTERED PROFESSIONAL ENGINEER
3/13/2025

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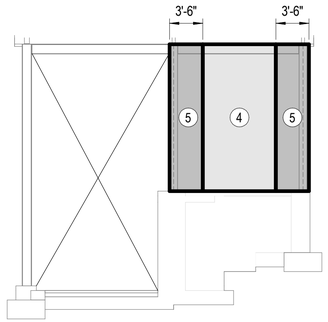
(206) 264-2727
www.mlaengineering.com

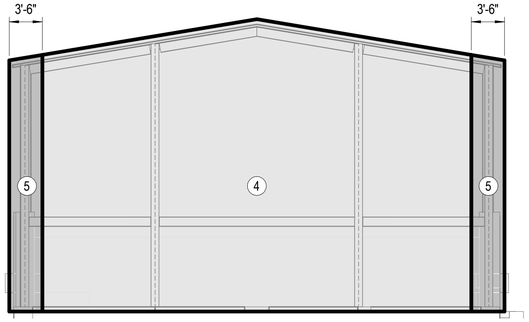
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED "B &C" SHED COMPONENTS AND CLADDING WIND LOAD MAP

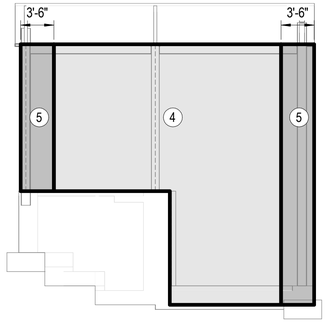
DRAWING NO. 119 OF 239
S70.03



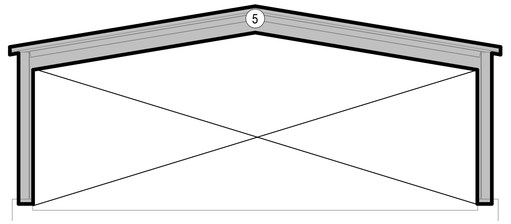
WIND LOAD
ELEVATION 1
SCALE: NTS



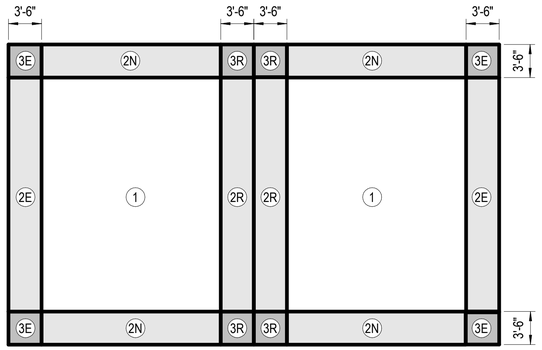
WIND LOAD
ELEVATION 2
SCALE: NTS



WIND LOAD
ELEVATION 3
SCALE: NTS



WIND LOAD
ELEVATION 4
SCALE: NTS



ROOF WIND LOAD
PLAN
SCALE: NTS

		WIND PRESSURES (PSF)		MINIMUM WIND UPLIFT APPROVAL RATING NEEDED
	ZONE	OUTWARD (NEG)	INWARD (POS)	
ROOF	ZONE 1,2E	-33	16	I-75
	ZONE 2R, 2N, 3E	-46	16	I-105
	ZONE 3R	-54	16	I-120
WALL	ZONE 4	-20	19	I-40
	ZONE 5	-24	19	I-50

LEGEND

(#) INDICATES ZONE PER TABLE.

NOTE:
WIND PRESURES AND RATINGS CALCULATED PER FM GLOBAL DATA SHEET DS 1-28. (INTERM REVISION DATED APRIL 2021).

ISSUE FOR BID

	REVISIONS	DATE	BY
	PERMIT REVIEW	02/29/2024	SB
	PERMIT - IFC	03/14/2025	SB

DESIGNED S. Baxter
DRAWN A. Bongolan
CHECKED A. Eversman
APPROVED M. Leonard

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

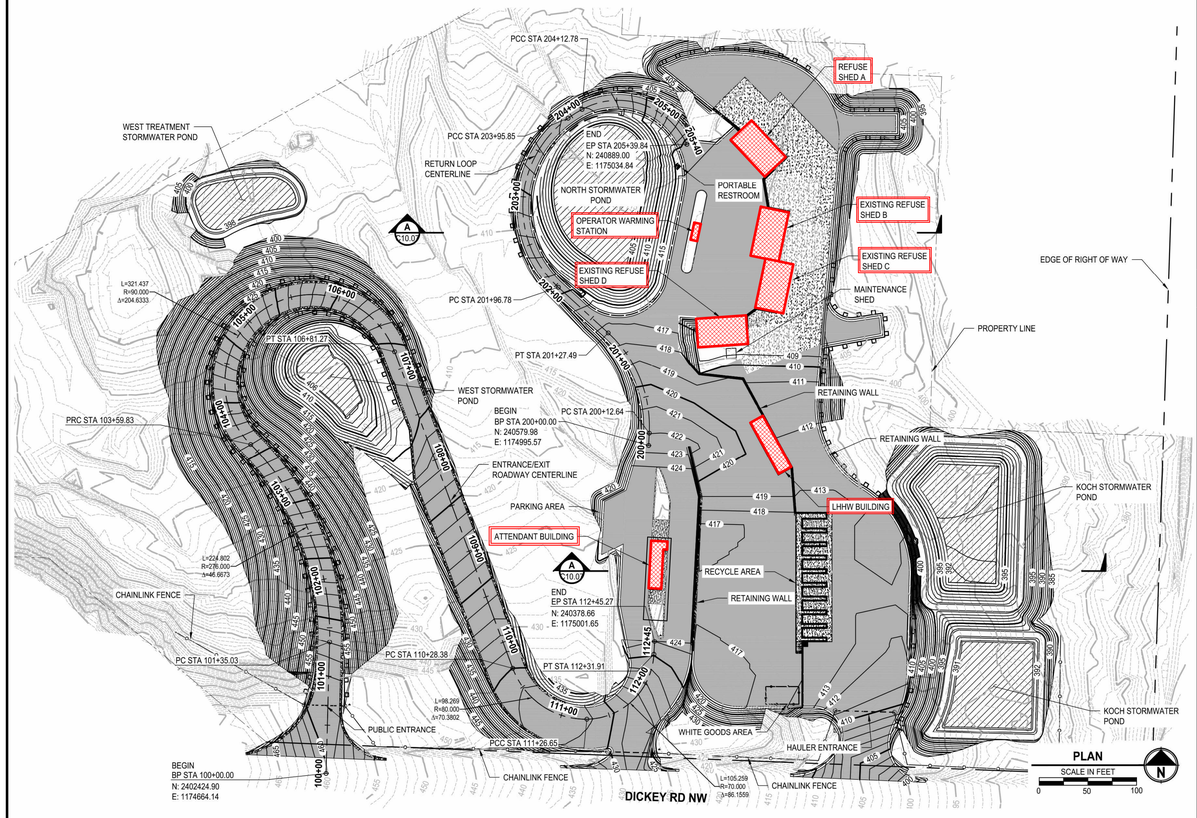
REFUSE SHED "D" SHED COMPONENTS AND CLADDING WIND LOAD MAP

DRAWING NO.
120 OF 239
S70.04

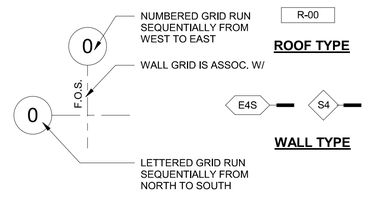
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT

KITSAP COUNTY, WASHINGTON

PROJECT MAP



ARCHITECTURAL SYMBOLS



ABBREVIATIONS

AB	ANCHOR BOLT	NIC	NOT IN CONTRACT
AFF	ABOVE FINISHED FLOOR	NO	NUMBER
AL	ALUMINUM	NTS	NOT TO SCALE
BD	BOARD	OC	ON CENTER
BFF	BELOW FINISHED FLOOR	OD	OVERFLOW DRAIN
BLDG	BUILDING	OFCI	OWNER FURNISHED / CONTRACTOR INSTALLED
BO	BOTTOM OF		
CAB	CABINET	OFOI	OWNER FURNISHED / OWNER INSTALLED
CLG	CEILING		
CMU	CONCRETE MASONRY UNIT	OPG	OPENING
CONC	CONCRETE	OVHD	OVERHEAD
CONT	CONTINUOUS	PL	PLATE
DIA	DIAMETER	PPM	PRE-PAINTED METAL
DIM	DIMENSION	R	RISER
DN	DOWN	RAD	RADIUS
DWG	DRAWING	RD	ROOF DRAIN
EA	EACH	REF	REFERENCE
ELEV	ELEVATION	REINF	REINFORCING
EQ	EQUAL	REQ	REQUIREMENT
EXP	EXPANSION	SEC	SECTION
FD	FLOOR DRAIN	SHTNG	SHEATHING
FE	FIRE EXTINGUISHER	SHT	SHEET
FF	FINISHED FLOOR	SIM	SIMILAR
FIN	FINISH	SPEC	SPECIFICATION
FOB	FACE OF BRICK	SQ	SQUARE
FOC	FACE OF CONCRETE	STD	STANDARD
FOF	FACE OF FOUNDATION	STL	STEEL
FOS	FACE OF STUD	STRL	STRUCTURAL
FRP	FIBER REINFORCED PLASTIC	TEL	TELEPHONE
FT	FOOT	TFCI	TENANT FURNISHED / CONTRACTOR INSTALLED
GA	GAUGE		
GALV	GALVANIZED	TFTI	TENANT FURNISHED / TENANT INSTALLED
GYP	GYPSUM		
GWB	GYPSUM WALL BOARD	TO	TOP OF
HB	HOSE BIB	TOM	TOP OF MASONRY
HM	HOLLOW METAL	TOC	TOP OF CURB
HR	HOUR	TOW	TOP OF WALL
ID	INSIDE DIAMETER	TYP	TYPICAL
INSUL	INSULATION	UNO	UNLESS OTHERWISE NOTED
JT	JOINT	VIF	VERIFY IN FIELD
MAX	MAXIMUM	W/	WITH
MTL	METAL	W/O	WITHOUT
MFR	MANUFACTURER	WD	WOOD
MIN	MINIMUM	WP	WATERPROOF
MIR	MIRRORED	WR	WATER RESISTANT
NC	NON-COMBUSTIBLE	WT	WEIGHT

PROJECT TEAM

OWNER:
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614 DIVISION STREET, MS-27
PORT ORCHARD, WA 98366
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CONTACT: KELI MCKAY-MEANS, DEPT. OFF PUBLIC WORKS

CIVIL/MECHANICAL & PLUMBING/ELECTRICAL:
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BREMERTON, WA, 98337
360.377.0014
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MECHANICAL & PLUMBING CONTACT: LARRY STORSET
ELECTRICAL CONTACT: ROBERT ROHLER

ARCHITECT:
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STRUCTURAL ENGINEER:
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PHONE: (206) 264-2727
CONTACT: SERENA BAXTER, P.E., S.E.

GENERAL PROJECT DESCRIPTION

REFUSE SHED A
REFUSE SHED A IS AN OPEN-BAY, UNCONDITIONED, CLEAR-SPAN, STEEL BRACED FRAME BUILDING WITH FLAT CONCRETE FLOORS. CUSTOMERS WILL DROP RECYCLE MATERIALS FROM THE UPPER LEVEL INTO A LONG-HAUL OPEN-TOP SHIPPING CONTAINER RESTING ON THE LEVEL BELOW.

ATTENDANT BUILDING
ATTENDANT BUILDING IS A CONDITIONED, LIGHT GAGE STEEL-FRAMED BUILDING, WITH A FLAT CONCRETE FLOOR, METAL ROOF, AND ENTRANCE CANOPY. THERE IS A RESTROOM, BREAK KITCHENETTE, SMALL SERVER ROOM, MECHANICAL ATTIC, OPEN OFFICE WORKSPACE, AND SMALL STORAGE ROOM. THIS BUILDING IS INTENDED TO BE USED BY COUNTY OPERATIONS STAFF ONLY.

LIMITED HOUSEHOLD WASTE (LHHW) BUILDING
LHHW BUILDING CONSISTS OF AN OPEN-BAY, UNCONDITIONED, CLEAR-SPAN, STEEL BRACED FRAME BUILDING WITH A FLAT CONCRETE FLOOR. CUSTOMERS WILL DROP OFF RECYCLE MATERIALS IN THE OPEN BAY AREA. BUILDING ALSO INCLUDES WARMING AND STORAGE ROOMS.

OPERATOR WARMING STATION
OPERATOR WARMING STATION IS INTENDED TO BE A COVERED LIGHT GAGE STEEL-FRAMED BOOTH FOR OPERATORS TO STEP OUT OF INCLEMENT WEATHER WHILE STILL OBSERVING SITE FUNCTIONS. THE STATION ALSO INCLUDES A STORAGE ROOM.

EXISTING REFUSE SHEDS B, C, & D
ROOFING AND SIDING TO BE REPLACED WITH NEW PANELS TO MATCH REFUSE SHED A. NEW WALL PANELS MAINLY CONSIST OF METAL PANELS BUT ALSO INCLUDE POLYCARBONATE PANELS AT THE UPPER PART TO ALLOW DAYLIGHTING. NEW INTERIOR AND EXTERIOR LIGHTING FIXTURES TO BE INSTALLED. ALL EXISTING ROOF AND WALL FRAMING IN GOOD CONDITION TO REMAIN.

SHEET INDEX

SHEET #	SHEET NAME
I. GENERAL	
A10.01	ARCHITECTURAL TITLE SHEET / GENERAL INFORMATION
II. REFUSE SHED A	
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A20.03	REFUSE SHED A ASSEMBLY TYPES
A20.21	REFUSE SHED A FLOOR PLAN - LOWER LEVEL
A20.22	REFUSE SHED A FLOOR PLAN - LEVEL 1
A20.23	REFUSE SHED A ROOF PLAN
A20.24	REFUSE SHED A REFLECTED CEILING PLAN
A20.31	REFUSE SHED A EXTERIOR ELEVATIONS
A20.41	REFUSE SHED A BUILDING SECTIONS
A20.42	REFUSE SHED A WALL SECTIONS
A20.81	REFUSE SHED A BUILDING DETAILS
III. ATTENDANT BLDG	
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A30.03	ATTENDANT BUILDING ASSEMBLY TYPES
A30.04	ATTENDANT BUILDING ENERGY CODE COMPLIANCE
A30.21	ATTENDANT BUILDING FLOOR PLANS
A30.22	ATTENDANT BUILDING ROOF PLAN AND REFLECTED CEILING PLAN
A30.31	ATTENDANT BUILDING EXTERIOR ELEVATIONS
A30.41	ATTENDANT BUILDING SECTION
A30.42	ATTENDANT BUILDING SECTIONS
A30.43	ATTENDANT BUILDING WALL SECTIONS
A30.51	ATTENDANT BUILDING INTERIOR ELEVATIONS & FINISH SCHEDULE
A30.52	ATTENDANT BUILDING ENLARGED PLANS AND INTERIOR ELEVATIONS
A30.71	ATTENDANT BUILDING WINDOW & DOOR TYPES AND SCHEDULES
A30.81	ATTENDANT BUILDING DETAILS
A30.82	ATTENDANT BUILDING DETAILS
A30.83	ATTENDANT BUILDING DETAILS
IV. LHHW BLDG	
A40.02	LHHW BUILDING CODE ANALYSIS
A40.03	LHHW BUILDING ASSEMBLY TYPES
A40.04	LHHW BUILDING ENERGY CODE COMPLIANCE
A40.21	LHHW BUILDING FLOOR PLAN, REFLECTED CEILING PLAN
A40.22	LHHW BUILDING ROOF PLAN
A40.31	LHHW BUILDING EXTERIOR ELEVATIONS
A40.41	LHHW BUILDING SECTIONS
A40.42	LHHW BUILDING WALL SECTIONS
A40.51	LHHW BUILDING INTERIOR ELEVATIONS AND FINISH SCHEDULE
A40.71	LHHW BUILDING WINDOW & DOOR TYPES AND SCHEDULES
A40.81	LHHW BUILDING DETAILS
A40.82	LHHW BUILDING DETAILS
A40.83	LHHW BUILDING DETAILS
V. OPERATOR WARMING STATION	
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A50.03	OPERATOR WARMING STATION ASSEMBLY TYPES
A50.04	OPERATOR WARMING STATION ENERGY CODE COMPLIANCE
A50.21	OPERATOR WARMING STATION FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN
A50.31	OPERATOR WARMING STATION EXTERIOR ELEVATIONS
A50.41	OPERATOR WARMING STATION BUILDING SECTIONS AND WALL SECTIONS
A50.51	OPERATOR WARMING STATION INTERIOR ELEVATIONS AND FINISH SCHEDULE
A50.71	OPERATOR WARMING STATION WINDOW & DOOR TYPES AND SCHEDULES
A50.81	OPERATOR WARMING STATION BUILDING DETAILS
A50.82	OPERATOR WARMING STATION BUILDING DETAILS
A50.83	OPERATOR WARMING STATION BUILDING DETAILS
VII. REFUSE SHEDS B, C, & D	
A70.01	REFUSE SHEDS B & C DEMO FLOOR PLANS
A70.02	REFUSE SHEDS B & C DEMO ROOF PLAN AND SECTION
A70.03	REFUSE SHEDS B & C DEMO ELEVATIONS
A70.04	REFUSE SHED D DEMO PLANS AND ELEVATIONS
A70.11	REFUSE SHEDS B & C FLOOR PLANS
A70.12	REFUSE SHEDS B & C ROOF PLAN, REFLECTED CEILING PLAN
A70.13	REFUSE SHED D FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN
A70.31	REFUSE SHEDS B & C EXTERIOR ELEVATIONS
A70.32	REFUSE SHED D EXTERIOR ELEVATIONS
A70.41	REFUSE SHEDS B,C, & D BUILDING SECTIONS
A70.42	REFUSE SHEDS B, C, & D WALL SECTIONS
A70.51	REFUSE SHEDS B, C, & D DETAILS

PROJECT DATA

ZONING: IND (INDUSTRIAL)

SITE AREA: 16.34 ACRES

BLDG CODE: 2018 WASHINGTON STATE BUILDING CODE

BLDG USE: REFUSE SHED A

OCC. GROUP: S-1 (STORAGE)
CONST. TYPE: II-B
FIRE SPRINKLERS: NO
BLDG AREA: 1,500 SF

	ALLOWED	PROPOSED
BLDG HEIGHT:	40' - 0"	30' - 7"
STORIES:	1-STORY	

BLDG USE: ATTENDANT BUILDING

OCC. GROUP: B (BUSINESS)
CONST. TYPE: V-B
FIRE SPRINKLERS: NO
BLDG AREA: 562 SF

	ALLOWED	PROPOSED
BLDG HEIGHT:	40' - 0"	16' - 11"
STORIES:	1-STORY	

BLDG USE: LIMITED HOUSEHOLD WASTE (LHHW)

OCC. GROUP: S-1 (STORAGE)
CONST. TYPE: II-B
FIRE SPRINKLERS: NO
BLDG AREA: 758 SF

	ALLOWED	PROPOSED
BLDG HEIGHT:	40' - 0"	15' - 4"
STORIES:	1-STORY	

BLDG USE: OPERATOR WARMING STATION

OCC. GROUP: S-1 (STORAGE)
CONST. TYPE: V-B
FIRE SPRINKLERS: NO
BLDG AREA: 119 SF

	ALLOWED	PROPOSED
BLDG HEIGHT:	40' - 0"	11' - 5"
STORIES:	1-STORY	

BLDG USE: EXISTING REFUSE SHEDS B, C, & D

OCC. GROUP: S-1
CONST. TYPE: II-B
FIRE SPRINKLERS: NO
EXISTING BLDG AREA: 1,500 SF EACH x 3 = 4,500 SF TOTAL (NO CHANGE)

	ALLOWED	EXISTING
BLDG HEIGHT:	40' - 0"	20' - 7" (NO CHANGE)
STORIES:	1-STORY	

ISSUE FOR BID

DEFERRED DOCUMENTS

DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND BEEN FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

GENERAL NOTES

1. FIELD VERIFY ALL DIMENSIONS AND LAYOUT PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR INCONSISTENCIES. FAILURE TO REPORT ANY DISCREPANCIES WITHIN THESE CONSTRUCTION DOCUMENTS TO THE ARCHITECT WILL NOT BE GROUNDS FOR ADDITIONAL COST OR CHANGE ORDERS.
2. "PROVIDE" MEANS "FURNISH AND INSTALL."
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS (UNLESS OTHERWISE NOTED), AND WORKMANSHIP IN ACCORDANCE WITH FEDERAL, STATE, CITY AND LOCAL BUILDING CODES AND THEIR REQUIREMENTS.
4. DO NOT SCALE THE DRAWINGS.

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ARCHITECTURAL TITLE SHEET / GENERAL INFORMATION

DRAWING NO. 121 OF 239

A10.01

BUILDING CODE ANALYSIS SUMMARY

GENERAL BUILDING CODE INFO

PROJECT DESCRIPTION: AN OPERATOR / ATTENDANT BUILDING WITH OFFICE AND BREAK AREA. THE BUILDING FUNCTIONS AS THE PRIMARY SITE ACCESS POINT.

BUILDING JURISDICTION: SILVERDALE, WASHINGTON (KITSAP COUNTY)

APPLICABLE CODES:
2018 WASHINGTON STATE BUILDING CODE (WSBC)
ADOPTS IBC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE MECHANICAL CODE (WSMC)
ADOPTS IMC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE PLUMBING CODE (WSPC)
ADOPTS UPC 2018 WITH AMENDMENTS
NATIONAL ELECTRICAL CODE 2020 OF WASHINGTON
ADOPTS NFPA 70, 2020 WITH AMENDMENTS
2018 WASHINGTON STATE ENRGY CODE - COMMERCIAL PROVISIONS
ADOPTS IECC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE EXISTING BUILDING CODE (WSEBC)
ADOPTS IEBC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE FIRE CODE (WSFC)
ADOPTS IFC 2018 WITH AMENDMENTS
ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2009 OF WASHINGTON
ADOPTS ANSI ICC A117.1-2009

DESIGN CRITERIA:

SNOW LOAD:	25 PSF (VERIFY)
WIND EXPOSURE:	C (VERIFY)
SEISMIC SITE CLASS:	D (VERIFY)
DESIGN CATEGORY:	D (VERIFY)
RISK CATEGORY:	II (VERIFY)
CLIMATE ZONE:	5B (VERIFY)

BUILDING INFORMATION:
CONSTRUCTION TYPE (SEC. 602) **TYPE II-B**

FIRE SPRINKLERS: NO

OCCUPANCY CLASSIFICATION (WSBC CHAPTER 3)

WASTE STORAGE = S-1 **(STORAGE)**

GENERAL BUILDING HEIGHTS AND AREAS (WSBC CHAPTER 5)

ALLOWABLE BUILDING HEIGHTS AND AREAS (TABLES 504.3, 504.4 & 506.2)

GROUP	TYPE OF CONST.	II-B (ALLOWED)	II-B (ACTUAL)
S-1 NON-SPRINKLERED	HEIGHT	40'-0"	30'-7" - COMPLIES
	STORIES	2	1
	AREA	9,000 SF	1,500 SF COMPLIES

ALLOWABLE AREA PER SECTION 506 OF THE IBC (WSBC TABLE 506.2)

ALLOWABLE AREA (AA) FORMULA (WSBC 506.2.1, **EQUATION 5-1**) (S OCCUPANCY, TYPE II-B CONSTRUCTION)
AA = AT + (NS X IF)
AA = 9,000 + (9,000 X 0)
AA = 9,000 SF
ACTUAL B OCCUPANCY AREA = 1,630 SF (COMPLIES)

FRONTAGE INCREASE (WSBC 506.3):
N/A: BUILDING PERIMETER IS NOT ON A PUBLIC WAY OR QUALIFYING OPEN SPACE

TYPES OF CONSTRUCTION (WSBC CHAPTER 6)

FIRE RATING REQ. FOR BUILDING ELEMENTS (HOURS) (WSBC TABLE 601)

BUILDING ELEMENT	TYPE V-B
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS EXTERIOR INTERIOR	0 0
NONBEARING WALLS AND PARTITIONS EXTERIOR	See Table 602
NONBEARING WALLS AND PARTITIONS INTERIOR	0
FLOOR CONST. AND ASSOCIATED SECONDARY MEMBERS	0
ROOF CONST. AND ASSOCIATED SECONDARY MEMBERS	0

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (WSBC TABLE 602)

FIRE SEP. DISTANCE = X (FEET)	TYPE OF CONST.	OCC. B
10 ≤ X < = 30'	V-B	0
X ≥ 30	V-B	0

FIRE PROTECTION SYSTEMS (WSBC CHAPTER 9)

FIRE SPRINKLER AND FIRE ALARM DETECTION SYSTEMS:

BUILDING **IS NOT** REQUIRED TO BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM PER OSSC TABLE 506.2 OR FIRE ALARM SYSTEM PER WSBC 907.2.2.

MEANS OF EGRESS (WSBC CHAPTER 10)

OCCUPANT LOAD (WSBC TABLE 1004.5)
SEE PLAN ON SHEET AC0.1B FOR OCCUPANCIES AND OCCUPANT LOADS.

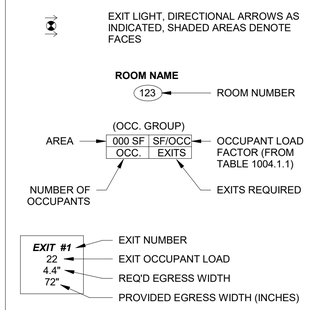
COMMON PATH OF TRAVEL DISTANCE:
WSBC TABLE 1006.2.1 SPACES WITH ONE EXIT (WITHOUT AUTOMATIC SPRINKLER SYSTEM)

	ALLOWED MAX.	ACTUAL (LONGEST):
S	100'	58'-2" COMPLIES

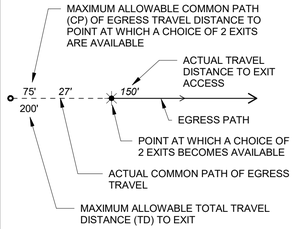
EXIT ACCESS DISTANCE:
WSBC TABLE 1017.2 (WITHOUT SPRINKLER SYSTEM)

	ALLOWED MAX.	ACTUAL (LONGEST):
S	200'	58'-2" COMPLIES

CODE COMPLIANCE LEGEND



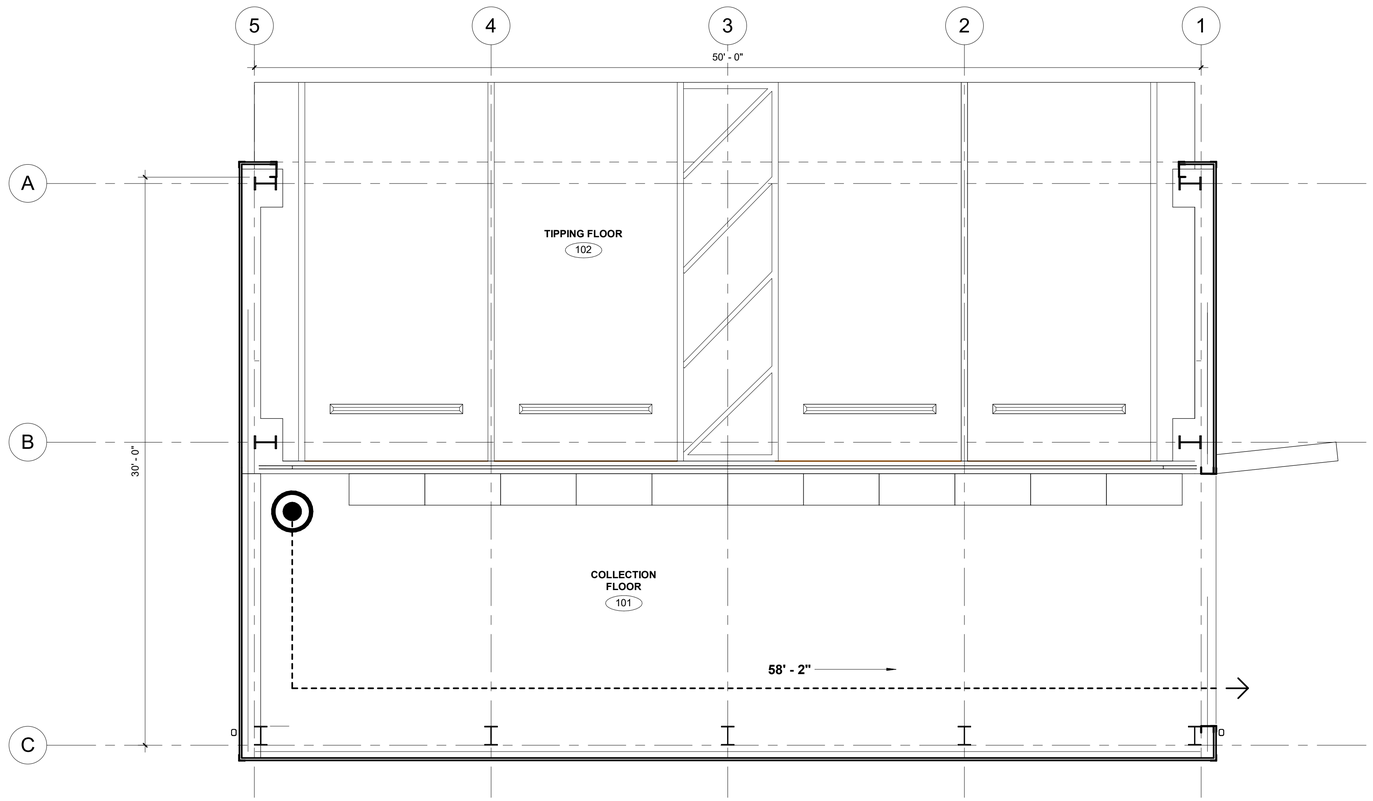
EGRESS TRAVEL LEGEND



GENERAL NOTES

1. TRAVEL DISTANCES ARE SHOWN IN FEET AND ARE ROUNDED UP TO THE NEAREST INCREMENT.

2. FLOOR AREAS SHOWN ON THIS SHEET ARE CALCULATED IN ACCORDANCE WITH "AREA, BUILDING" PER *CHAPTER 2 - DEFINITIONS* OF THE 2019 OSSC.



1 CODE ANALYSIS PLAN
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

PROJECT NORTH TRUE NORTH

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
TEL:(360) 337-5777 FAX:(360) 337-4867

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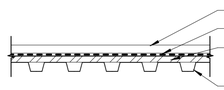
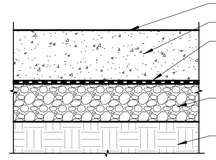
719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

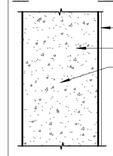
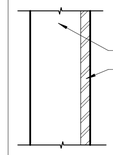
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHED A BUILDING CODE ANALYSIS

DRAWING NO.
122 OF 239
A20.02

ROOF TYPE	MATERIAL	DESCRIPTION
RF-1		METAL ROOF PANEL WATERPROOF MEMBRANE; SELF-ADHERED SHEATHING PER STRUCTURAL METAL ROOF DECK PER STRUCTURAL

FLOOR TYPE	MATERIAL	DESCRIPTION
FL-1		8" CONCRETE SLAB PER STRUCTURAL REINFORCEMENT PER STRUCTURAL VAPOR BARRIER GRAVEL BASE PER STRUCTURAL COMPACTED EARTH PER STRUCTURAL

EXTERIOR WALL TYPE	MATERIAL	DESCRIPTION
8C01		FLUID APPLIED CONCRETE WATERPROOFING CAST-IN-PLACE CONCRETE PER STRUCTURAL REINFORCEMENT PER STRUCTURAL
8SM1		8" WIDE STEEL WALL GIRT METAL PANEL SIDING

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250
REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHED A ASSEMBLY TYPES

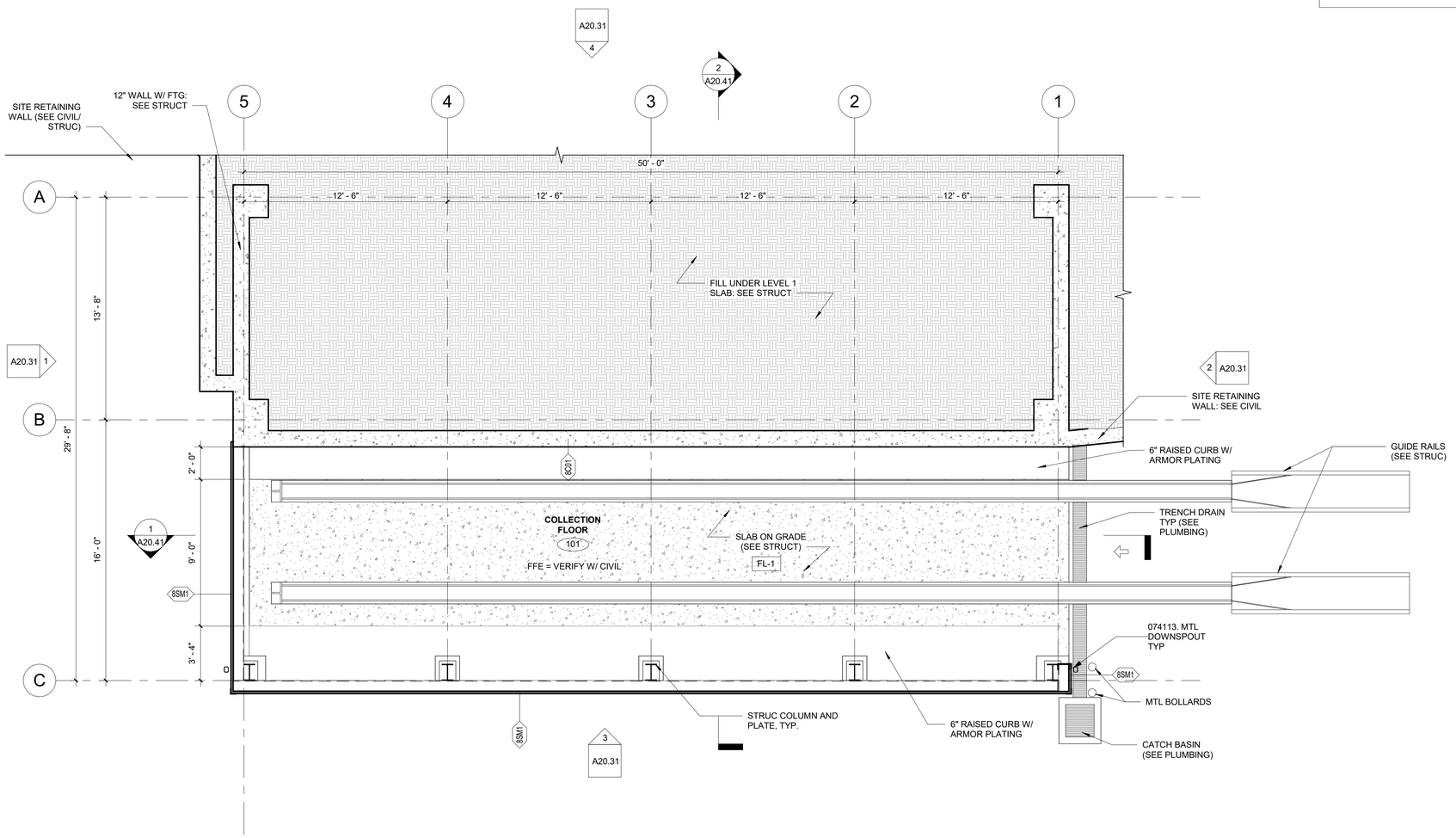
DRAWING NO.
123 OF 239

A20.03

NOTE:
FOR MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND STRUCTURAL SYSTEMS, REFERENCE ENGINEERING DRAWINGS, SCHEDULES AND SPECIFICATIONS

FLOOR PLAN GENERAL NOTES

A. DRAWINGS ARE SHOWN TO SCALE AS NOTED AS AIDS IN DETERMINING SIZE AND PROPORTION. ONLY WRITTEN DESCRIPTIONS AND SIZES SHALL BE UTILIZED FOR CONSTRUCTION. DRAWINGS SHALL NOT BE SCALED.
B. UNLESS NOTED OTHERWISE, DIMENSIONS ON PLANS ARE:
   - FACE OF STUD (F.O.S.)
   - FACE OF CONCRETE (F.O.C.)
   - CENTERLINE OF DOOR AND WINDOW OPENINGS.
C. FIXTURES AND EQUIPMENT SHOWN ARE FOR COORDINATION PURPOSES ONLY. REFER TO THE MANUFACTURER'S PRODUCT DATA, ENGINEERING DRAWINGS, AND SPECIFICATIONS FOR FIXTURE AND EQUIPMENT DESCRIPTIONS AND LOCATIONS.
D. PRESERVATION OF ADJACENT OR EXISTING CONSTRUCTION:
   - AVOID DAMAGE TO EXISTING STRUCTURES, SIDEWALKS, CURBS, PAVING AND LANDSCAPING.
   - PATCH, REPAIR, OR REPLACE ANY ITEMS DAMAGED, OR AS DIRECTED BY THE PROPERTY OWNER.
E. AVOID UNNECESSARY DISRUPTIONS TO THE FUNCTIONS AND ACTIVITIES OF ADJACENT BUILDINGS.
F. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES OR CONFLICTING DATA TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING WORK.
G. UNLESS NOTED OTHERWISE, INSTALL DOORS WITH 4" FROM HINGE SIDE OF DOOR TO ADJACENT WALL FRAMING.
H. CONTRACTOR TO VERIFY SIZES OF ROUGH DOOR AND WINDOW OPENINGS PRIOR TO ORDERING DOORS AND WINDOWS.
I. GENERAL CONTRACTOR TO COORDINATE FFE WITH CIVIL DRAWINGS.



1 LOWER LEVEL
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

PROJECT NORTH
TRUE NORTH

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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614 DIVISION STREET MS-26
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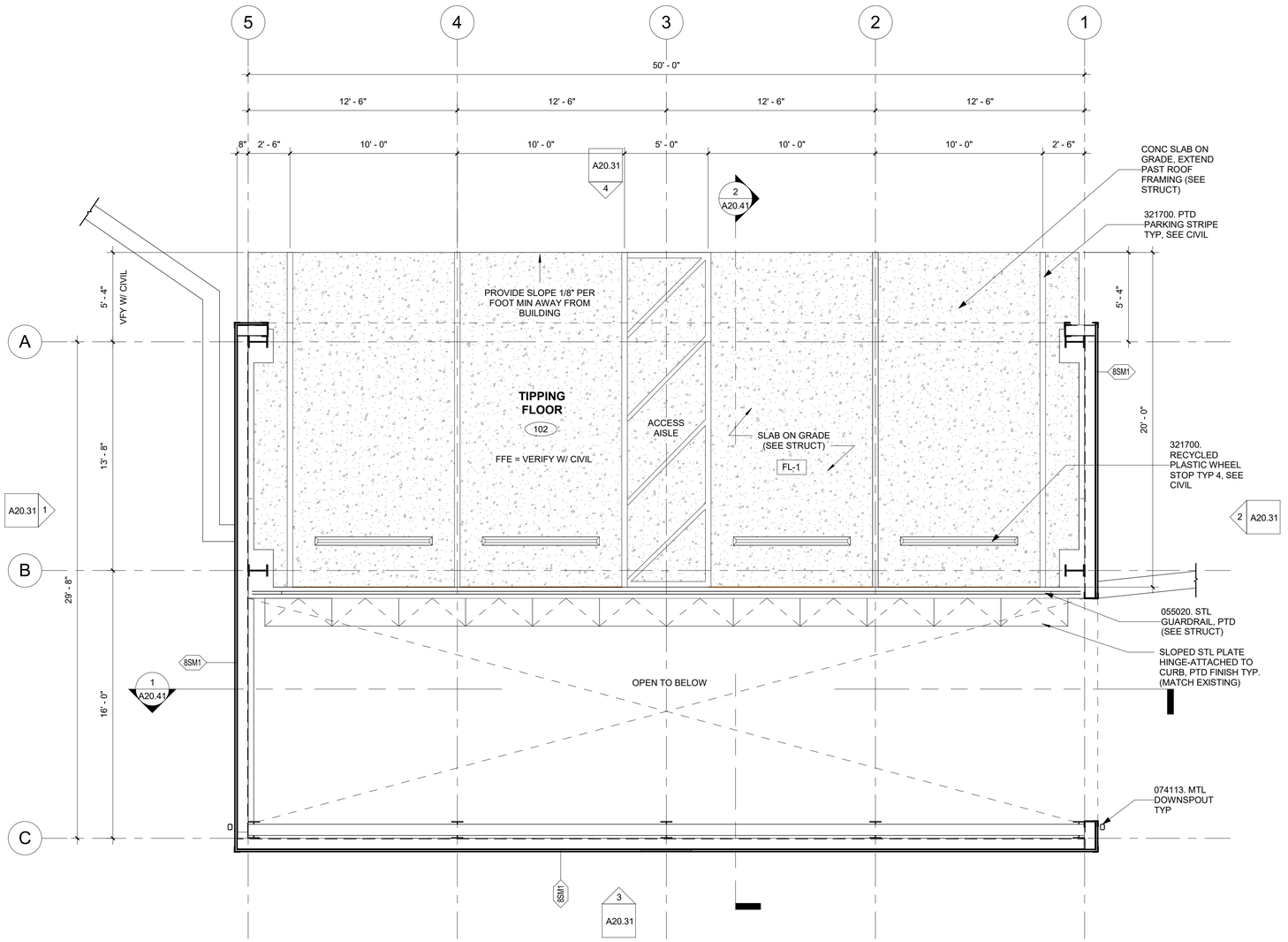
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHED A FLOOR PLAN - LOWER LEVEL

DRAWING NO.
124 OF 239
A20.21



1 FLOOR PLAN

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

PROJECT NORTH

TRUE NORTH

NOTE:
FOR MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, MISTER, AND STRUCTURAL SYSTEMS, REFERENCE ENGINEERING DRAWINGS, SCHEDULES AND SPECIFICATIONS

FLOOR PLAN GENERAL NOTES

A. DRAWINGS ARE SHOWN TO SCALE AS NOTED AS AIDS IN DETERMINING SIZE AND PROPORTION. ONLY WRITTEN DESCRIPTIONS AND SIZES SHALL BE UTILIZED FOR CONSTRUCTION. DRAWINGS SHALL NOT BE SCALED.
B. UNLESS NOTED OTHERWISE, DIMENSIONS ON PLANS ARE:
   - FACE OF STUD (F.O.S.)
   - FACE OF CONCRETE (F.O.C.)
   - CENTERLINE OF DOOR AND WINDOW OPENINGS.
C. FIXTURES AND EQUIPMENT SHOWN ARE FOR COORDINATION PURPOSES ONLY. REFER TO THE MANUFACTURER'S PRODUCT DATA, ENGINEERING DRAWINGS, AND SPECIFICATIONS FOR FIXTURE AND EQUIPMENT DESCRIPTIONS AND LOCATIONS.
D. PRESERVATION OF ADJACENT OR EXISTING CONSTRUCTION:
   - AVOID DAMAGE TO EXISTING STRUCTURES, SIDEWALKS, CURBS, PAVING AND LANDSCAPING.
   - PATCH, REPAIR, OR REPLACE ANY ITEMS DAMAGED, OR AS DIRECTED BY THE PROPERTY OWNER.
E. AVOID UNNECESSARY DISRUPTIONS TO THE FUNCTIONS AND ACTIVITIES OF ADJACENT BUILDINGS.
F. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES OR CONFLICTING DATA TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING WORK.
G. UNLESS NOTED OTHERWISE, INSTALL DOORS WITH 4" FROM HINGE SIDE OF DOOR TO ADJACENT WALL FRAMING.
H. CONTRACTOR TO VERIFY SIZES OF ROUGH DOOR AND WINDOW OPENINGS PRIOR TO ORDERING DOORS AND WINDOWS.
I. GENERAL CONTRACTOR TO COORDINATE FFE WITH CIVIL DRAWINGS.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
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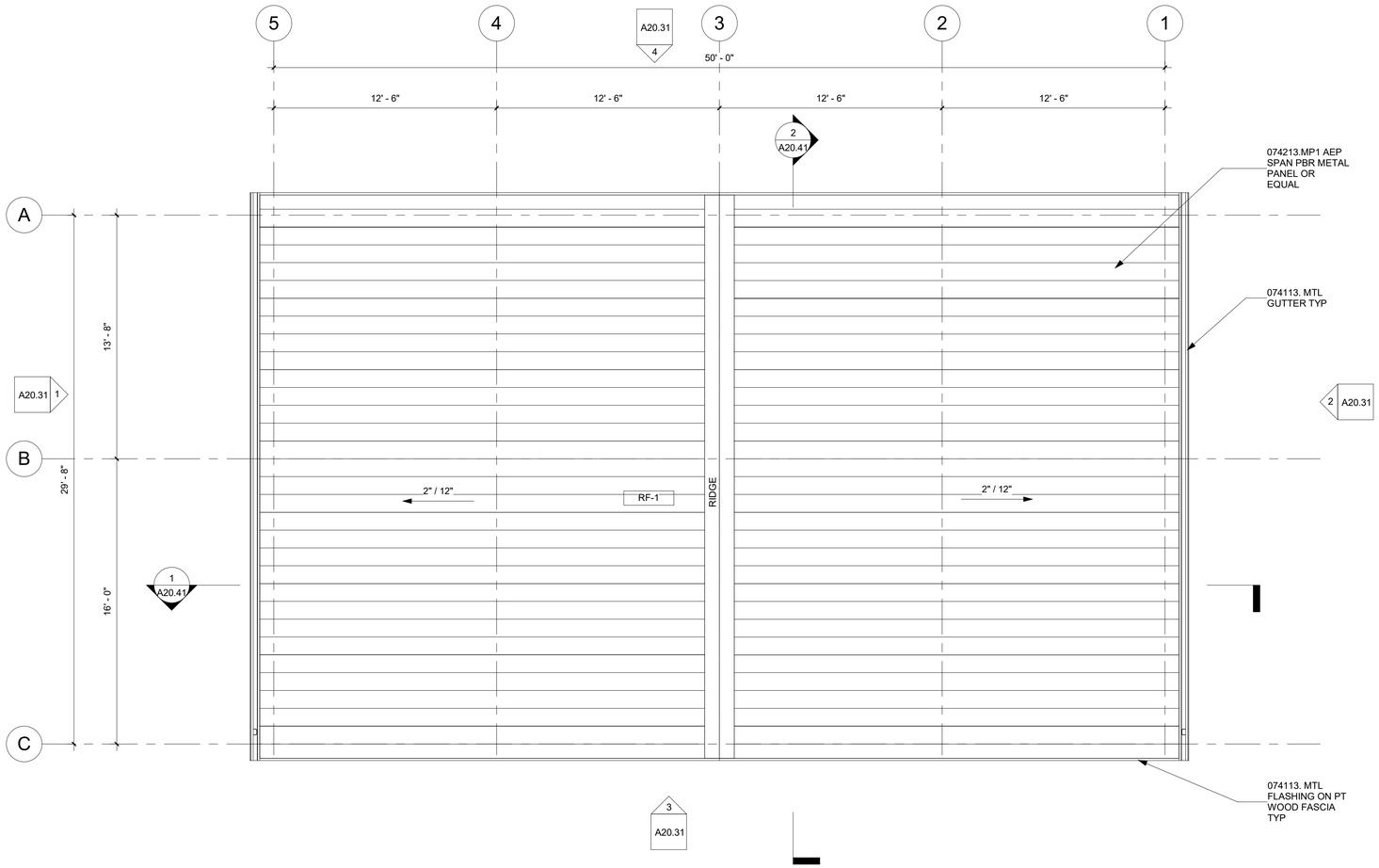
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHED A FLOOR PLAN - LEVEL 1

DRAWING NO.
125 OF 239
A20.22



1 ROOF PLAN

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

PROJECT NORTH

TRUE NORTH

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: LCG
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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PROJECT NAME

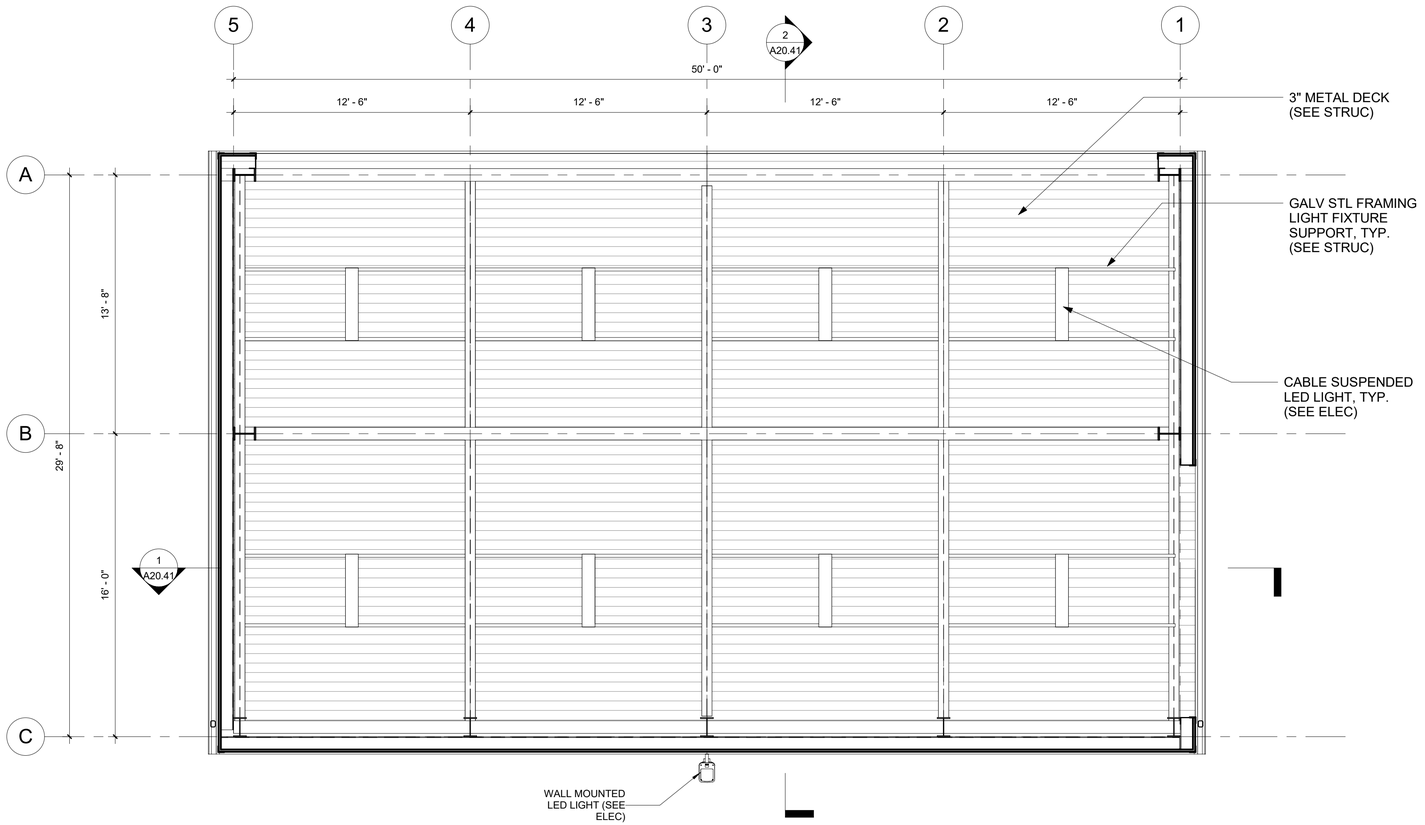
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHED A ROOF PLAN

DRAWING NO. 126 OF 239

A20.23



1 REFLECTED CEILING PLAN

1/4" = 1'-0" @ FULL SIZE

0' 4' 8' 16'

PROJECT NORTH

TRUE NORTH

REFLECT CEILING PLAN NOTES

A. DRAWINGS ARE SHOWN TO SCALE AS NOTED AS AIDS IN DETERMINING SIZE AND PROPORTION. ONLY WRITTEN DESCRIPTIONS AND SIZES SHALL BE UTILIZED FOR CONSTRUCTION. DRAWINGS SHALL NOT BE SCALED.
B. FIXTURES AND EQUIPMENT SHOWN ARE FOR COORDINATION PURPOSES ONLY. REFER TO THE MANUFACTURER'S PRODUCT DATA, ENGINEERING DRAWINGS/SCHEDULES, AND SPECIFICATIONS FOR FIXTURE AND EQUIPMENT DESCRIPTIONS AND LOCATIONS.
C. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES OR CONFLICTING DATA TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING WORK.

NOTE:
FOR MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND STRUCTURAL SYSTEMS, REFERENCE ENGINEERING DRAWINGS, SCHEDULES AND SPECIFICATIONS

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250
REGISTERED ARCHITECT
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STATE OF WASHINGTON

KITSAP COUNTY
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WWW.PARAMETRIX.COM

PROJECT NAME

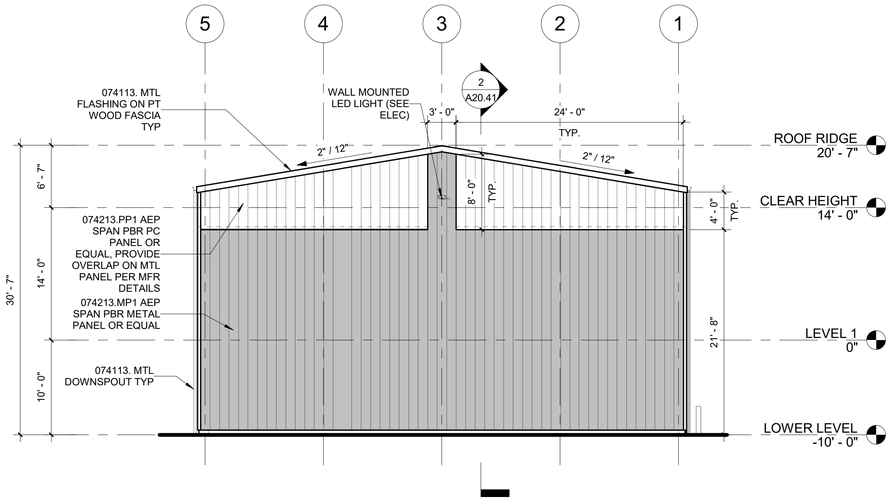
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHED A REFLECTED CEILING PLAN

DRAWING NO.
127 OF 239

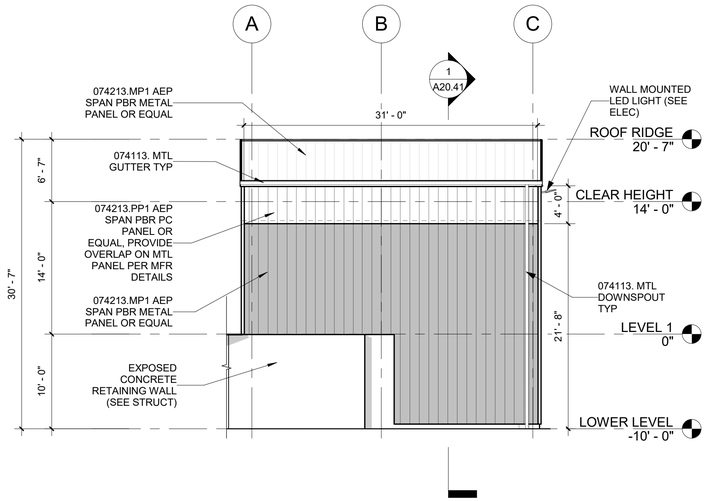
A20.24



3 EAST ELEVATION

1/8" = 1'-0" @ FULL SIZE

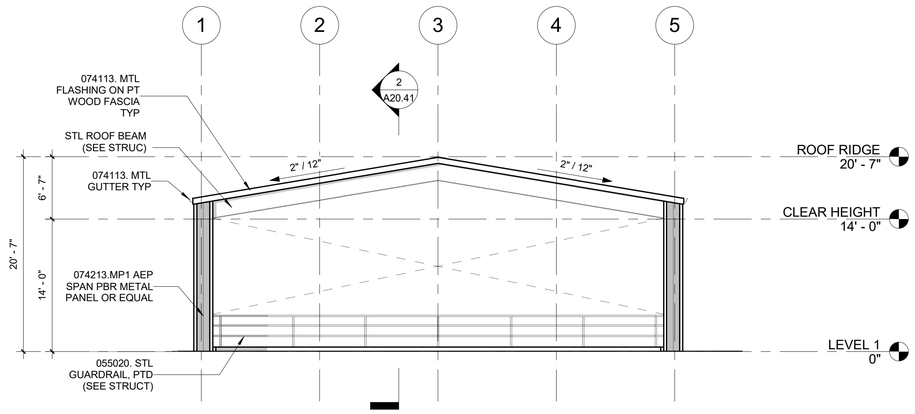
0' 2' 4' 8'



1 SOUTH ELEVATION

1/8" = 1'-0" @ FULL SIZE

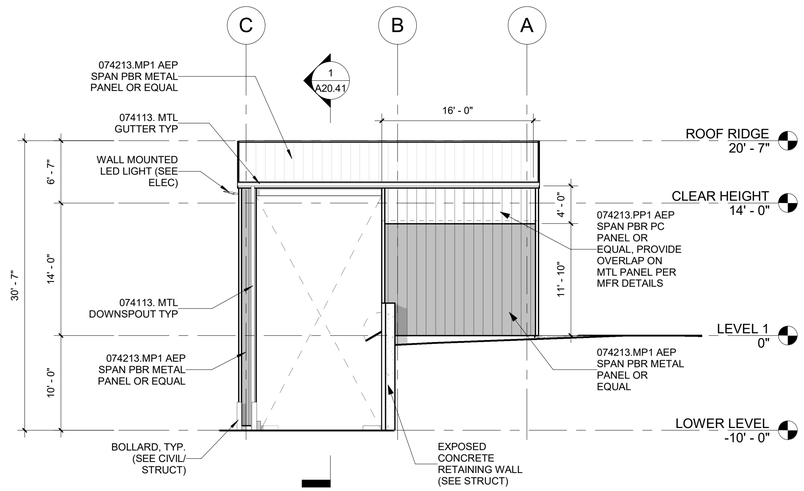
0' 2' 4' 8'



4 WEST ELEVATION

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'



2 NORTH ELEVATION

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

EXTERIOR ELEVATION NOTES

1. SEE RCP'S FOR ADDITIONAL INFORMATION ON MATERIAL AND FINISH LOCATIONS.
2. SEE BUILDING SECTIONS FOR WALL HEIGHTS NOT SHOWN ON THIS SHEET.
3. GENERAL CONTRACTOR TO COORDINATE FFE WITH CIVIL DRAWINGS.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: LCG
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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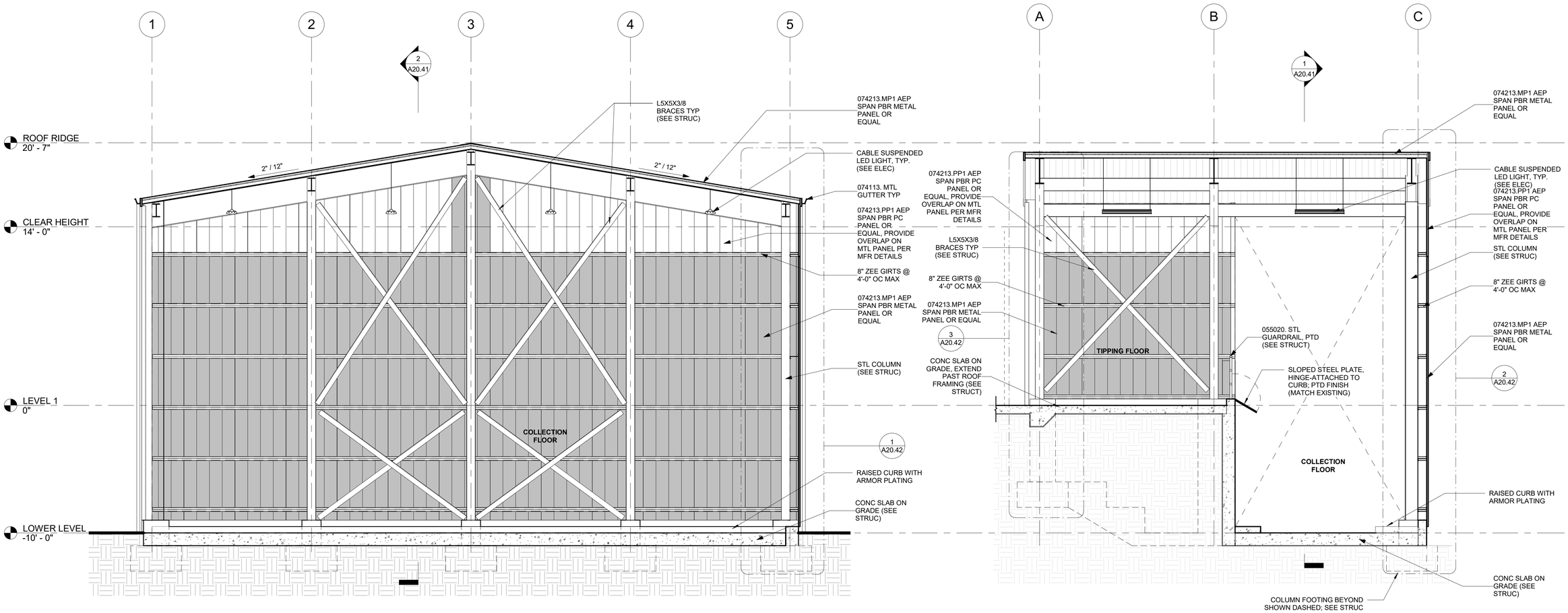
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHED A EXTERIOR ELEVATIONS

DRAWING NO.
128 OF 239

A20.31



1 N/S SECTION 2
1/4" = 1'-0" @ FULL SIZE
0' 2' 4' 8'

2 E/W SECTION
1/4" = 1'-0" @ FULL SIZE
0' 2' 4' 8'

ROOM FINISH SCHEDULE

ROOM		FLOOR		WALLS								CEILING		
				NORTH		EAST		SOUTH		WEST				
NUMBER	NAME	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	NOTES
101	COLLECTION FLOOR	SLAB ON GRADE	CONC	OPEN	-	MTL WALL PANEL	MFR PTD	MTL WALL PANEL	MFR PTD	RETAINING WALL	CONC	MTL DECK SOFFIT	MFR PTD	
102	TIPPING FLOOR	SLAB ON GRADE	CONC	MTL WALL PANEL	MFR PTD	STL GUARDRAIL	PTD	MTL WALL PANEL	MFR PTD	OPEN	-	MTL DECK SOFFIT	MFR PTD	

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

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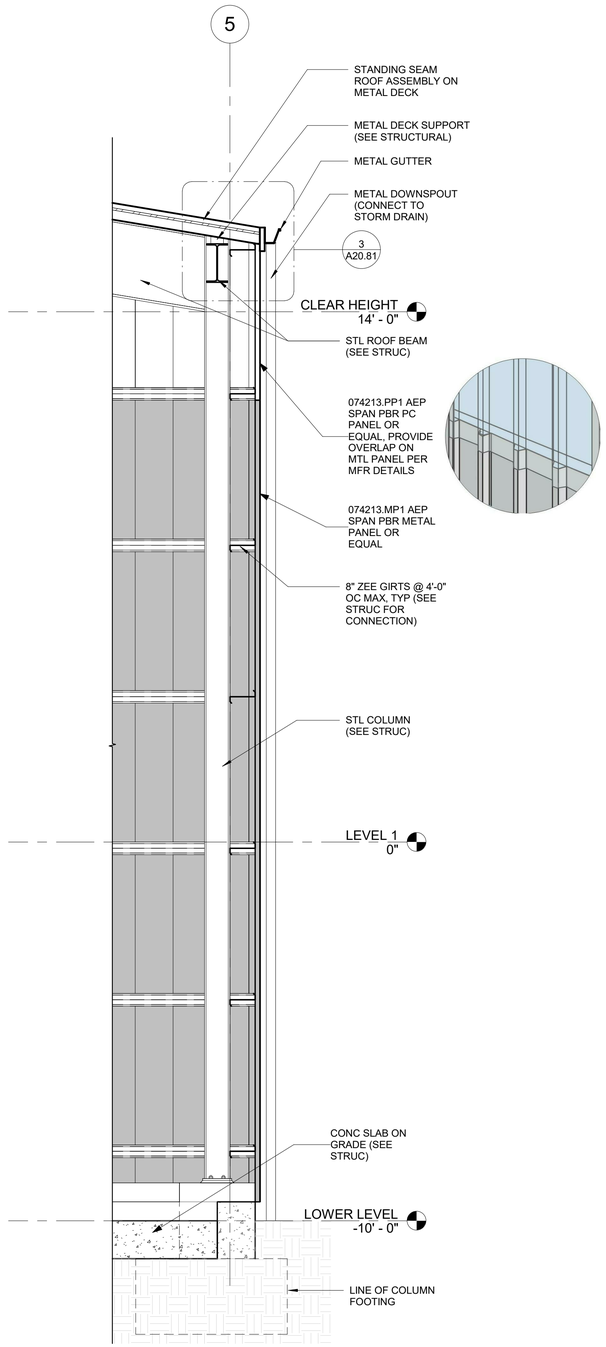
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHED A BUILDING SECTIONS

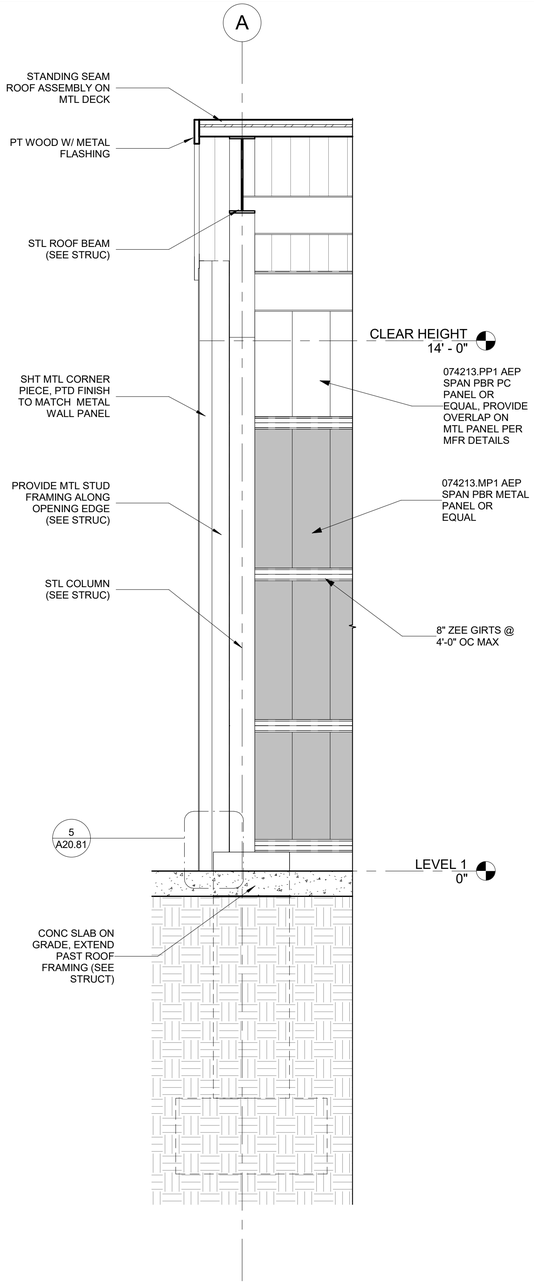
DRAWING NO.
129 OF 239
A20.41



1 N/S WALL SECTION

1/2" = 1'-0" @ FULL SIZE

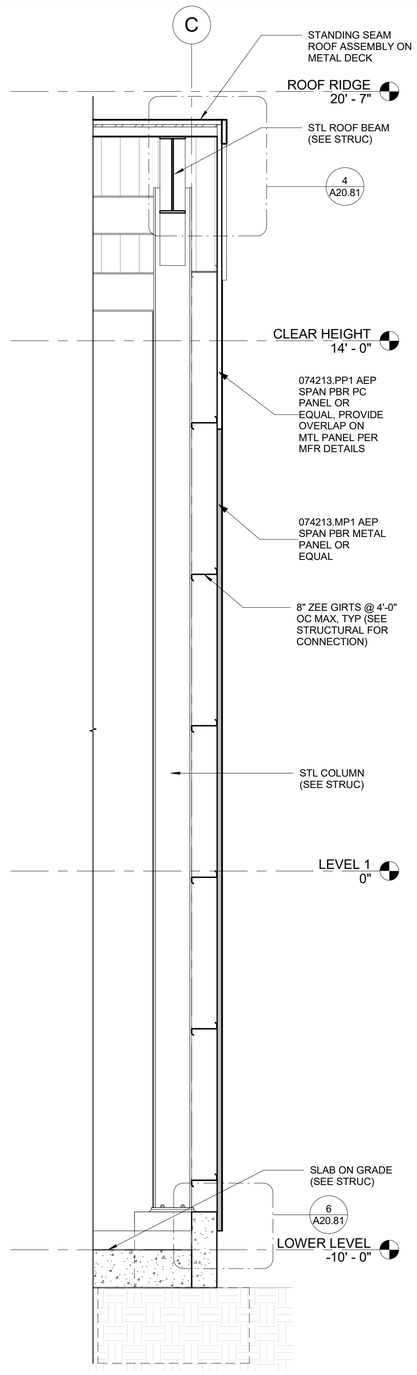
0' 6" 1' 2'



3 E/W WALL SECTION A

1/2" = 1'-0" @ FULL SIZE

0' 6" 1' 2'



2 E/W WALL SECTION B

1/2" = 1'-0" @ FULL SIZE

0' 6" 1' 2'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
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PROJECT NAME

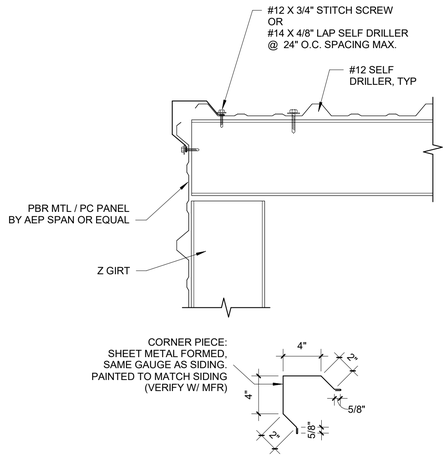
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHED A WALL SECTIONS

DRAWING NO. 130 OF 239

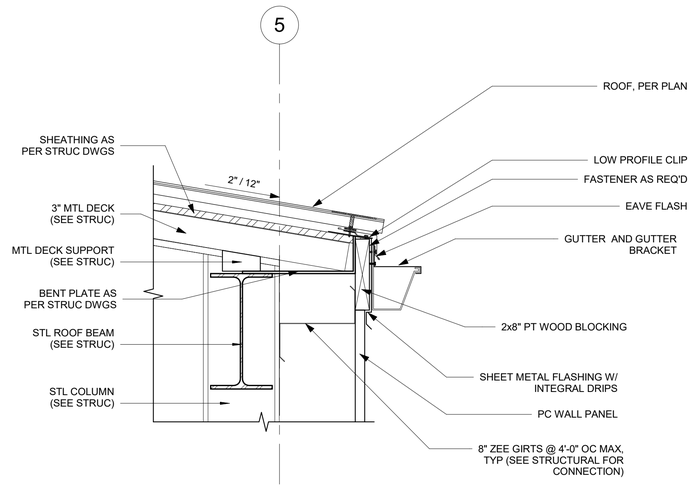
A20.42



1 TYPICAL EXTERIOR CORNER

1 1/2" = 1'-0" @ FULL SIZE

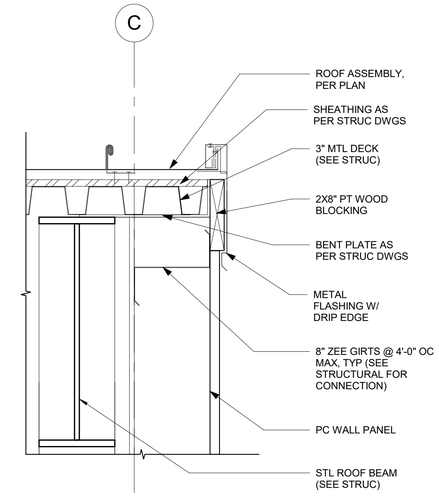
0' 2" 4" 8"



3 GUTTER EDGE

1 1/2" = 1'-0" @ FULL SIZE

0' 2" 4" 8"



4 ROOF RAKE

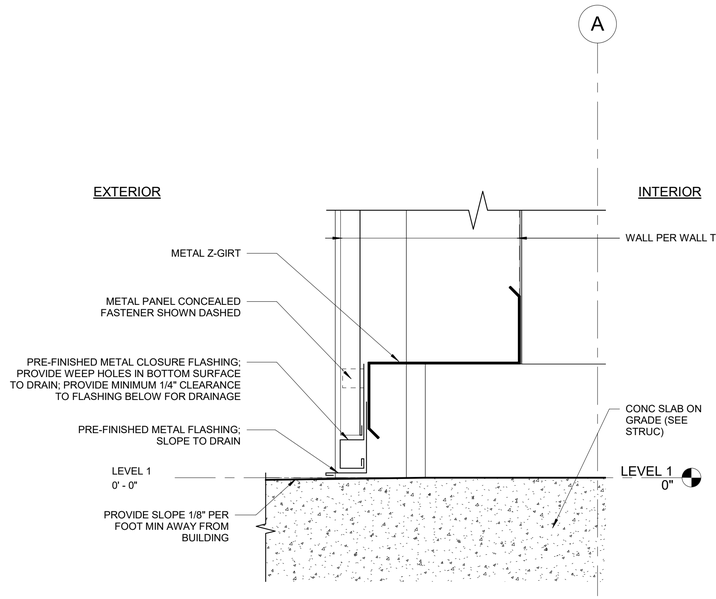
1 1/2" = 1'-0" @ FULL SIZE

0' 2" 4" 8"

2 TYPICAL METAL PANEL MOUNTING

1 1/2" = 1'-0" @ FULL SIZE

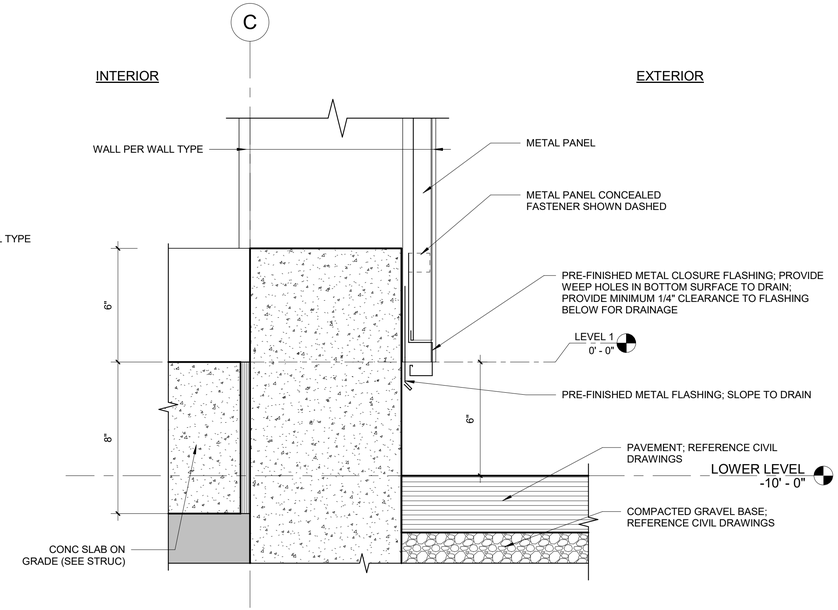
0' 2" 4" 8"



5 METAL SIDING DETAIL A

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"



6 METAL SIDING DETAIL B

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: LCG
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250
REGISTERED ARCHITECT
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PROJECT NAME

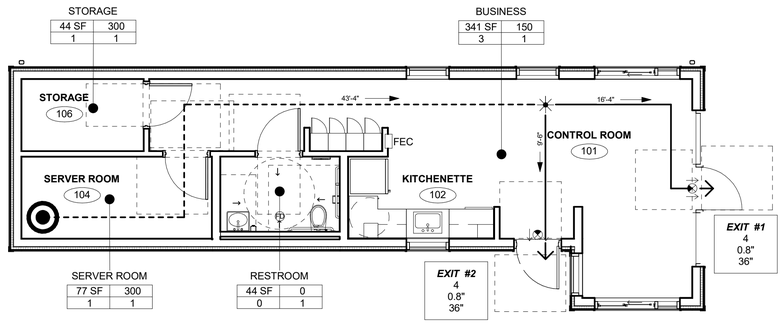
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHED A DETAILS

DRAWING NO.
131 OF 239

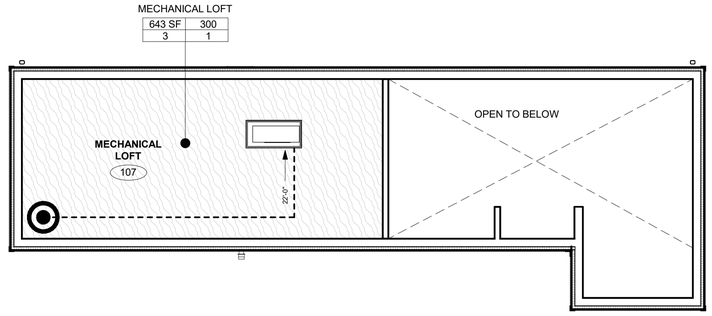
A20.81



1 CODE COMPLIANCE FLOOR PLAN - LEVEL 1

3/16" = 1'-0" @ FULL SIZE

0' 1' 2' 4'



2 MECHANICAL LOFT

3/16" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

CODE COMPLIANCE LEGEND

EXIT LIGHT, DIRECTIONAL ARROWS AS INDICATED, SHADED AREAS DENOTE FACES (SEE ELEC)

ROOM NAME
123 — ROOM NUMBER

(OCC. GROUP)
AREA — 000 SF | SF/OCC — OCCUPANT LOAD FACTOR (FROM TABLE 1004.1.1)
OCC. | EXITS
NUMBER OF OCCUPANTS — EXITS REQUIRED

EXIT #1 — EXIT NUMBER
22 — EXIT OCCUPANT LOAD
4.4" — REQ'D EGRESS WIDTH
72" — PROVIDED EGRESS WIDTH (INCHES)

FEC — FIRE EXTINGUISHER CABINET

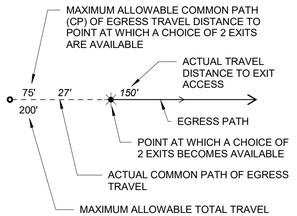
KNOX — KEY BOX

ACCESSIBLE INGRESS / EGRESS

2-HOUR RATED FIRE BARRIER

1-HOUR RATED FIRE BARRIER

EGRESS TRAVEL LEGEND



GENERAL NOTES

1. TRAVEL DISTANCES ARE SHOWN IN FEET AND ARE ROUNDED UP TO THE NEAREST INCREMENT.

2. FLOOR AREAS SHOWN ON THIS SHEET ARE CALCULATED IN ACCORDANCE WITH "AREA, BUILDING" PER *CHAPTER 2 - DEFINITIONS* OF THE 2018 IBC.

BUILDING CODE ANALYSIS SUMMARY

GENERAL BUILDING CODE INFO

PROJECT DESCRIPTION: AN OPERATOR / ATTENDANT BUILDING WITH OFFICE AND BREAK AREA. THE BUILDING FUNCTIONS AS THE PRIMARY SITE ACCESS POINT.

BUILDING JURISDICTION: SILVERDALE, WASHINGTON (KITSAP COUNTY)

APPLICABLE CODES:
2018 WASHINGTON STATE BUILDING CODE (WSBC)
ADOPTS IBC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE MECHANICAL CODE (WSMC)
ADOPTS IMC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE PLUMBING CODE (WSPC)
ADOPTS UPC 2018 WITH AMENDMENTS
NATIONAL ELECTRICAL CODE 2020 OF WASHINGTON
ADOPTS NFPA 70, 2020 WITH AMENDMENTS
2018 WASHINGTON STATE ENRGY CODE - COMMERCIAL PROVISIONS
ADOPTS IECC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE EXISTING BUILDING CODE (WSEBC)
ADOPTS IEBC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE FIRE CODE (WSFC)
ADOPTS IFC 2018 WITH AMENDMENTS
ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2009 OF WASHINGTON
ADOPTS ANSI ICC A117.1-2009

DESIGN CRITERIA:
SNOW LOAD: 20 PSF
WIND EXPOSURE: B
SEISMIC SITE CLASS: D
DESIGN CATEGORY: D
RISK CATEGORY: II
CLIMATE ZONE: 4C
RAIN LOAD 1.0

BUILDING INFORMATION:
CONSTRUCTION TYPE (SEC. 602) **TYPE V-B**

FIRE SPRINKLERS: NO

OCCUPANCY CLASSIFICATION (WSBC CHAPTER 3)

BUSINESS = **GROUP B (BUSINESS)**

GENERAL BUILDING HEIGHTS AND AREAS (WSBC CHAPTER 5)

ALLOWABLE BUILDING HEIGHTS AND AREAS (TABLES 504.3, 504.4 & 506.2)

GROUP	TYPE OF CONST.	V-B (ALLOWED)	V-B (ACTUAL)
B NON-SPRINKLERED	HEIGHT	40'-0"	16'-11" - COMPLIES
	STORIES	2	1
	AREA	9,000 SF	562 SF COMPLIES

ALLOWABLE AREA PER SECTION 506 OF THE IBC (WSBC TABLE 506.2)

ALLOWABLE AREA (AA) FORMULA (WSBC 506.2.1, **EQUATION 5-1**) (B OCCUPANCY, TYPE V-B CONSTRUCTION)
AA = AT + (NS X IF)
AA = 9,000 + (9,000 X 0)
AA = 9,000 SF
ACTUAL B OCCUPANCY AREA = 562 SF (COMPLIES)

FRONTAGE INCREASE (WSBC 506.3):
N/A: BUILDING PERIMETER IS NOT ON A PUBLIC WAY OR QUALIFYING OPEN SPACE

TYPES OF CONSTRUCTION (WSBC CHAPTER 6)

FIRE RATING REQ. FOR BUILDING ELEMENTS (HOURS) (WSBC TABLE 601)

BUILDING ELEMENT	TYPE V-B
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS EXTERIOR	0
BEARING WALLS INTERIOR	0
NONBEARING WALLS AND PARTITIONS EXTERIOR	See Table 602
NONBEARING WALLS AND PARTITIONS INTERIOR	0
FLOOR CONST. AND ASSOCIATED SECONDARY MEMBERS	0
ROOF CONST. AND ASSOCIATED SECONDARY MEMBERS	0

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (WSBC TABLE 602)

FIRE SEP. DISTANCE = X (FEET)	TYPE OF CONST.	OCC. B
10 ≤ X < = 30"	V-B	0
X ≥ 30	V-B	0

FIRE PROTECTION SYSTEMS (WSBC CHAPTER 9)

FIRE SPRINKLER AND FIRE ALARM DETECTION SYSTEMS:

BUILDING **IS NOT** REQUIRED TO BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM PER OSSC TABLE 506.2 OR FIRE ALARM SYSTEM PER WSBC 907.2.2.

MEANS OF EGRESS (WSBC CHAPTER 10)

OCCUPANT LOAD (WSBC TABLE 1004.5)
SEE PLAN ON THIS SHEET FOR OCCUPANCIES AND OCCUPANT LOADS.

COMMON PATH OF TRAVEL DISTANCE:
WSBC TABLE 1006.2.1 SPACES WITH ONE EXIT (WITHOUT AUTOMATIC SPRINKLER SYSTEM)

	ALLOWED MAX.	ACTUAL (LONGEST):
B	100'	16'-4" COMPLIES

EXIT ACCESS DISTANCE:
WSBC TABLE 1017.2 (WITHOUT SPRINKLER SYSTEM)

	ALLOWED MAX.	ACTUAL (LONGEST):
B	200'	60'-8" COMPLIES

ACCESSIBILITY (WSBC CHAPTER 11)

ICC A117.1 - 2009
REFER TO ICC A117.1-2009 FOR ITEMS NOT LISTED BELOW:

FLOOR SURFACES SHALL COMPLY WITH SECTION 302
- FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT
- OPENINGS IN FLOOR SURFACES SHALL BE OF A SIZE THAT DOES NOT PERMIT THE PASSAGE OF A 1/2 INCH DIAMETER SPHERE. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE PREDOMINANT DIRECTION OF TRAVEL.

CHANGES IN LEVEL SHALL COMPLY WITH SECTION 303
- CHANGES IN LEVEL OF 1/4 INCH MAXIMUM IN HEIGHT SHALL BE PERMITTED TO BE VERTICAL.
- CHANGES IN LEVEL GREATER THAN 1/4 INCH IN HEIGHT AND NOT MORE THAN 1/2 INCH MAXIMUM IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2
- CHANGES IN LEVEL GREATER THAN 1/2 INCH IN HEIGHT SHALL BE RAMPED AND SHALL COMPLY WITH SECTION 405 OR 406

TURNING SPACES SHALL COMPLY WITH SECTION 304
- FLOOR SURFACES OF A TURNING SPACE SHALL COMPLY WITH SECTION 302. CHANGES IN LEVEL ARE NOT PERMITTED WITHIN THE TURNING SPACE. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED
- TURNING SPACES SHALL COMPLY WITH SECTION 304.3.1 OR 304.3.2
- DOOR SWINGS, UNLESS OTHERWISE SPECIFIES, SHALL BE PERMITTED INTO TURNING SPACES.

CLEAR FLOOR SPACES SHALL COMPLY WITH SECTION 305
- CHANGES IN LEVEL ARE NOT PERMITTED WITHIN THE CLEAR FLOOR SPACE. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED
- THE CLEAR FLOOR SPACE SHALL BE 48 INCHES MINIMUM IN LENGTH AND 30 MINIMUM IN WIDTH

ACCESSIBLE ROUTES SHALL COMPLY WITH SECTION 402

WALKING SURFACES SHALL COMPLY WITH SECTION 403
- THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 1:48
- AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE A PASSING SPACE AT INTERVALS OF 200 FEET MAXIMUM. PASSING SPACES SHALL BE A 60-INCH MINIMUM BY 60-INCH MINIMUM SPACE
- FLOOR SURFACE WITHIN THE MANEUVERING CLEARANCES SHALL HAVE A SLOPE NOT STEEPER THAN 1:48 AND SHALL COMPLY WITH SECTION 302

PLUMBING SYSTEMS (WSBC CHAPTER 29)

PLUMBING FIXTURE CALCULATIONS:

GROUP B OCCUPANT LOAD:

3 OCCUPANTS

GROUP B (BUSINESS):

 # OF WATER CLOSETS (ALL SINGLE-USER)
3 TOTAL OCCUPANTS 1 PER 25 = .12 (1) WATER CLOSETS

OF LAVATORIES:
3 TOTAL OCCUPANTS 1 PER 40 = .075 (1) LAVATORY

1 PROVIDED WATER CLOSET AND 1 PROVIDED LAVATORY COMPLY

ENERGY CODE ANALYSIS SUMMARY (ATTENDANT BUILDING)

2018 WASHINGTON STATE ENERGY CODE (IECC 2018)

CLIMATE ZONE (TABLE C301.1)

KITSAP COUNTY: 4C

5.4.3.3 VESTIBULES AND REVOLVING DOORS

NO VESTIBULE OR REVOLVING DOOR REQUIRED PER EXCEPTION #7

NOT REQUIRED IN CLIMATE ZONE 5 WHEN BUILDING IS LESS THAN 1,000 SF IN GROSS CONDITIONED FLOOR AREA

C402.1: BUILDING THERMAL ENVELOPE ASSEMBLIES FOR BUILDING COMPLIANCE ON A PRESCRIPTIVE BASIS.

TABLE C402.1.3 OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS FOR CLIMATE ZONE 4C **(R-VALUE METHOD)**
(C.I. = CONTINUOUS INSULATION)

ROOFS:

INSULATION ENTIRELY ABOVE DECK = R-38 C.I.(REQUIRED)

PROVIDED: 8" OF RIGID INSULATION @ R-5 PER INCH
R-40 C.I.

WALLS ABOVE GRADE:

STEEL-FRAMED WALLS = R-13 + R-10 C.I. (REQUIRED)

PROVIDED: R-24 + R-10 C.I.
6" OF BATT INSUL. @ R-4 PER INCH = R-24
2" OF RIGID C.I. @R-5 PER INCH = R-10

SLAB ON GRADE:

UNHEATED SLAB-ON-GRADE FLOOR = R-10 FOR 24"

PROVIDED: R-10 AT EDGES AND UNDER SLAB

TABLE C402.1.4:
SWINGING DOORS = U-0.370 MAX
PROVIDED: SEE ENTRANCE DOOR INFO BELOW

C402.4.1: MAXIMUM AREA

THE TOTAL BUILDING VERTICAL FENESTRATION SHALL NOT EXCEED 30 PERCENT OF THE TOTAL BUILDING GROSS ABOVE GRADE WALL AREA.

C402.4.4:
OPAQUE DOORS SHALL BE CONSIDERED PART OF THE GROSS AREA OF ABOVE GRADE WALLS THAT ARE PART OF THE BUILDING THERMAL ENVELOPE.

FENESTRATIONS - FIXED = U-0.38 MAX
SHGC: .## MAX
ASSEMBLY: #.## MIN

STOREFRONT PROVIDED: U-0.36 MAX
SHGC: .38 MAX
ALUMINUM PROVIDED: U-0.36 MAX
SHGC: .38 MAX

FENESTRATIONS - OPERABLE = U-0.40 MAX
SHGC: .38 MAX

OPERABLE PROVIDED: U-0.36 MAX
SHGC: .38 MAX
ASSEMBLY: 1.10 MIN

FENESTRATIONS - ENTRANCE DOOR =U-0.60 MAX

STOREFRONT PROVIDED: U-0.60 MAX
~~HOLLOW METAL PROVIDED: (R-11) U-0.09~~

BUILDING ENCLOSURE AIR LEAKAGE TESTING IS REQUIRED FOR WSEC COMPLIANCE.

BUILDING AREA CALCULATIONS:
NORTH FACE: 235.75 SQ FT
EAST FACE: 718.1 SQ FT
SOUTH FACE: 235.75 SQ FT
WEST FACE: 609.36 SQ FT
ROOF: 1048.7 SQ FT
FLOOR: 563 SQ FT.

BUILDING ENCLOSURE AIR LEAKAGE TESTING SHALL BE PERFORMED PER ASTM C779 (OR EQUIVALENT METHOD APPROVED BY CODE OFFICIAL) AND THE TARGET AIR LEAKAGE RATE IS 0.25 CFM/FT² AT 0.3 IN. WG.

SUBMIT BUILDING ENCLOSURE AIR LEAKAGE TEST REPORTS TO JURISDICTION AND OWNER.
IF INITIAL TEST RESULT EXCEEDS 0.25 CFM.FT2, INDICATE THAT INSPECTION AND ALL PRACTICAL CORRECTIVE ACTIONS BE COMPLETED AND DOCUMENTED IN THE AIR LEAKAGE REPORT.
IF INITIAL TEST RESULT EXCEEDS 0.40 CFM INDICATE THAT CORRECTIVE ACTIONS SHALL INCLUDE RE-TESTING
INDICATE THAT CORRECTIVE MEASURES AND RE-TESTING MUST BE REPEATED UNTIL THE TEST RESULT IS 0.40 CFM OR LESS.

INCLUDE AIR BARRIER TEST REPORT IN PROJECT CLOSE OUT DOCUMENTATION,APPLICABLE CALCULATIONS, WSEC ENVELOPE REQUIREMENTS, FENESTRATION NFRC RATING CERTIFICATES PROVIDED TO BUILDING OWNER.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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614 DIVISION STREET MS-26
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P 206.394.3700
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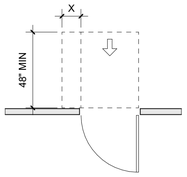
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING CODE ANALYSIS

DRAWING NO.
132 OF 239

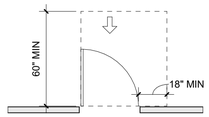
A30.02

PUSH SIDE



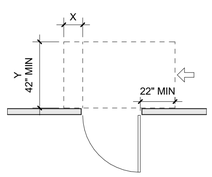
NOTE: X = 12 INCHES IF BOTH A CLOSER AND LATCH ARE PROVIDED.

PULL SIDE



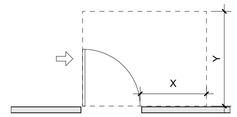
(A) FRONT APPROACHES FOR SWINGING DOORS

PUSH SIDE



NOTE: X=12 INCHES MINIMUM AND Y=48 INCHES MINIMUM IF BOTH A CLOSER AND A LATCH ARE PROVIDED.

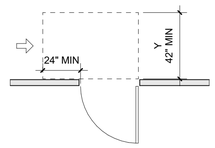
PULL SIDE



NOTE:
X=36 INCHES MIN, IF Y=60 INCHES;
X=42 INCHES MIN, IF Y=54 INCHES

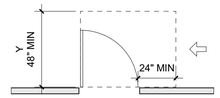
(B) HINGE SIDE APPROACHES FOR SWINGING DOORS

PUSH SIDE



NOTE: Y= 48 INCHES MINIMUM IF A CLOSER IS PROVIDED.

PULL SIDE



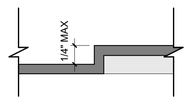
NOTE: Y=54 INCHES MINIMUM IF DOOR HAS A CLOSER.

(C) LATCH SIDE APPROACHES FOR SWINGING DOORS

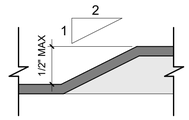
NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES.

MANEUVER CLEARANCES AT MANUAL SWING DOORS

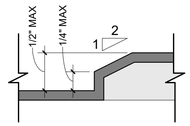
1/4" = 1'-0" @ FULL SIZE



CHANGES IN LEVEL - VERTICAL



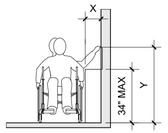
CHANGES IN LEVEL - BEVELED



CHANGES IN LEVEL - VERTICAL AND BEVELED

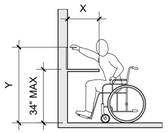
ACCESSIBLE ROUTE CHANGE IN LEVEL

12" = 1'-0" @ FULL SIZE



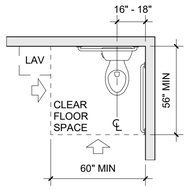
Y = 46" MAX, IF X = 24" MAX
Y = 48" MAX, IF X = 10" MAX

OBSTRUCTED HIGH AND LOW SIDE REACH LIMITS

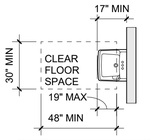


Y = 44" MAX, IF X = 25" MAX
Y = 48" MAX, IF X = 20" MAX

OBSTRUCTED HIGH AND LOW FRONT REACH LIMITS



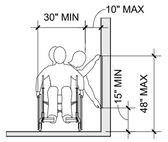
(A) AT WATER CLOSET



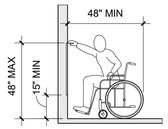
(F) AT LAVATORY (WALL HUNG)

CLEAR SPACE WITHIN TOILET ROOMS

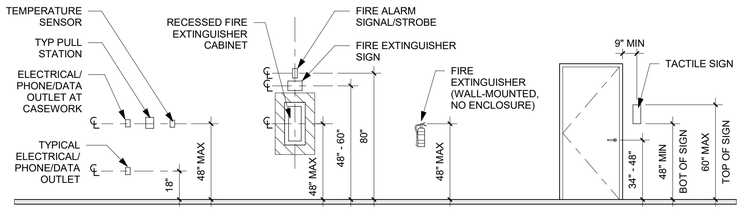
1/4" = 1'-0" @ FULL SIZE



UNOBSTRUCTED HIGH AND LOW SIDE REACH LIMITS



UNOBSTRUCTED HIGH AND LOW FRONT REACH LIMITS

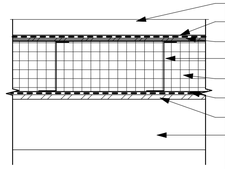


ACCESSIBLE REACH RANGES

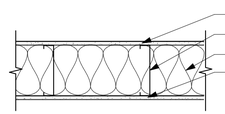
1/4" = 1'-0" @ FULL SIZE

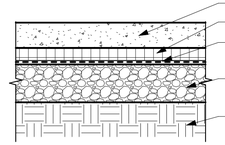
MISCELLANEOUS WALL MOUNTING HEIGHTS

1/4" = 1'-0" @ FULL SIZE

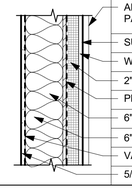
ROOF TYPE	MATERIAL	DESCRIPTION
RF-1		STANDING SEAM METAL ROOF PANELS WATERPROOF MEMBRANE; SELF-ADHERED PLYWOOD SHEATHING SUBSTRATE 8" DEEP METAL PURLINS @ 24" O.C. 8" RIGID INSULATION; R-38 MIN* VAPOR BARRIER; 0.1 TO 1.0 PERMS REQUIRED SHEATHING PER STRUCTURAL 8" STEEL JOISTS PER STRUCTURAL

*IF MORE THAN (1)-LAYER OF RIGID INSULATION PANELS ARE USED, PANELS JOINTS MUST BE STAGGERED AT ROOF

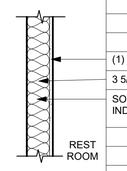
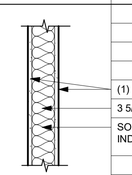
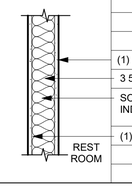
FLOOR TYPE	MATERIAL	DESCRIPTION
FL-2		5/8" GYPSUM WALL BOARD 8" STEEL JOISTS PER STRUCTURAL ACOUSTIC BATT INSULATION 5/8" GYPSUM WALL BOARD

FLOOR TYPE	MATERIAL	DESCRIPTION
FL-1		CONCRETE REINFORCED SLAB PER STRUCTURAL 2" RIGID INSULATION R-10 VAPOR BARRIER SHOWN DASHED 6" GRAVEL/SAND BASE PER STRUCTURAL COMPACTED EARTH PER STRUCTURAL

ALL INSULATION MATERIALS MUST HAVE IDENTIFICATION MARKINGS.
INSULATION MUST BE INSTALLED IN A WAY THAT MARKIINGS ARE OBSERVABLE DURING INSPECTIONS

EXTERIOR WALL TYPE	MATERIAL	DESCRIPTION
6SM1		AEP SPAN PERCEPTION COLLECTION (PC-10) METAL PANEL OR EQUAL, HORIZONTAL ORIENTATION SUBGIRT WEATHER BARRIER; SELF-ADHERED 2" RIGID INSULATION (R-10, CONTINUOUS) PLYWOOD SHEATHING PER STRUCTURAL 6" R-21 MINERAL WOOL BATT INSUL (FULLY FILL SPACE) 6" STEEL STUD FRAMING PER STRUCTURAL VAPOR BARRIER; 0.1 TO 1.0 PERMS REQUIRED 5/8" GYPSUM WALL BOARD

** IF (2) 1" LAYERS OF RIGID INSULATION ARE USED, PANEL JOINTS MUST BE STAGGERED

INTERIOR WALL TYPE	MATERIAL	DESCRIPTION
4S1 6S1 STC =50		(1) LAYER 1/2" CEMENT BOARD; RESTROOM SIDE ONLY 3 5/8" (4) OR 6" (6) METAL STUD FRAMING SOUND ATTENUATION BATT INSULATION, WHERE INDICATED - (3-1/2" OR 6" THK) REST ROOM
4S2 6S2 STC =50		(1) LAYER 5/8" GYPSUM WALL BOARD EACH SIDE 3 5/8" (4) OR 6" (6) STEEL STUD FRAMING SOUND ATTENUATION BATT INSULATION, WHERE INDICATED - (3-1/2" OR 6" THK)
4S3 6S3 STC =50		(1) LAYER 1/2" CEMENT BOARD; RESTROOM SIDE ONLY 3 5/8" (4) OR 6" (6) STEEL STUD FRAMING SOUND ATTENUATION BATT INSULATION, WHERE INDICATED - (3-1/2" OR 6" THK) (1) LAYER 5/8" GYPSUM WALL BOARD; ONE SIDE ONLY REST ROOM

ALL INSULATION MATERIALS MUST HAVE IDENTIFICATION MARKINGS.
INSULATION MUST BE INSTALLED IN A WAY THAT MARKIINGS ARE OBSERVABLE DURING INSPECTIONS

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
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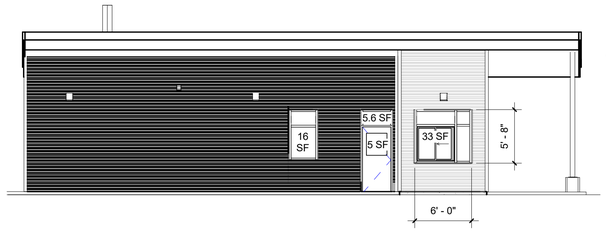
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING ASSEMBLY TYPES

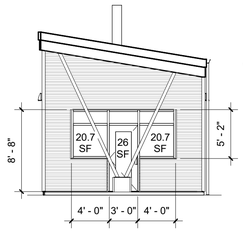
DRAWING NO.
133 OF 239
A30.03



WALL AREA: 572.75 SF
+ 135.35 SF
= 718.10 SF

FENESTRATION AREA:
16.0 SF
+ 5.6 SF
+ 5.0 SF
+ 33.0 SF
= 59.6 SF

1 ELEVATION - EAST
1/8" = 1'-0" @ FULL SIZE



WALL AREA: 235.75 SF

FENESTRATION AREA:
20.7 SF
+ 26.0 SF
+ 20.7 SF
= 67.4 SF

2 ELEVATION - NORTH
1/8" = 1'-0" @ FULL SIZE

TOTAL BUILDING WALL AREA = 1798.96 SF

TOTAL FENESTRATION = 211 SF

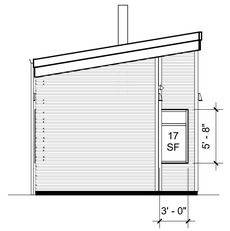
211 / 1798.96 = 0.1173

FENESTRATION PERCENTAGE = 11.73% <30% **COMPLIES**

WALL AREA: 609.36 SF

FENESTRATION AREA:
33.0 SF
+ 17.0 SF
+ 17.0 SF
= 67.0 SF

4 ELEVATION - WEST
1/8" = 1'-0" @ FULL SIZE



WALL AREA: 235.75 SF

FENESTRATION AREA:
17.0 SF

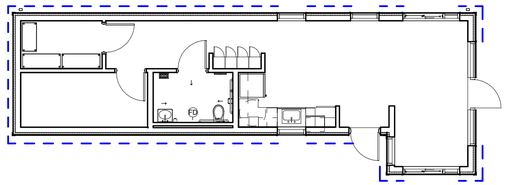
3 ELEVATION - SOUTH
1/8" = 1'-0" @ FULL SIZE

PERMANENT SHADING DEVICES
NORTH ELEVATION ONLY

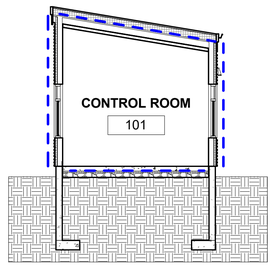
PV = A / B
PV = 117" / 111.25"
PV = 1.052

CONTINUOUS AIR BARRIER

- AT EXTERIOR WALL BETWEEN SHEATHING AND CONTINUOUS INSULATION, SEALANT AT EXTERIOR JOINT OF FENESTRATION



5 FLOOR PLAN
1/8" = 1'-0" @ FULL SIZE



6 BUILDING SECTION
1/8" = 1'-0" @ FULL SIZE

CONTINUOUS AIR BARRIER:

- AT ROOF BETWEEN SHEATHING AND CONTINUOUS RIGID INSULATION

-AT EXTERIOR WALL BETWEEN SHEATHING AND CONTINUOUS RIGID INSULATION

- BELOW SLAB BETWEEN CONCRETE AND CONTINUOUS RIGID INSULATION

NOTES:

FOR WALL AND CEILING TYPES SEE SHEET A30.21
FOR ASSEMBLIES SEE SHEET A30.03

AIR BARRIER/ WRB

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250
REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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614 DIVISION STREET MS-26
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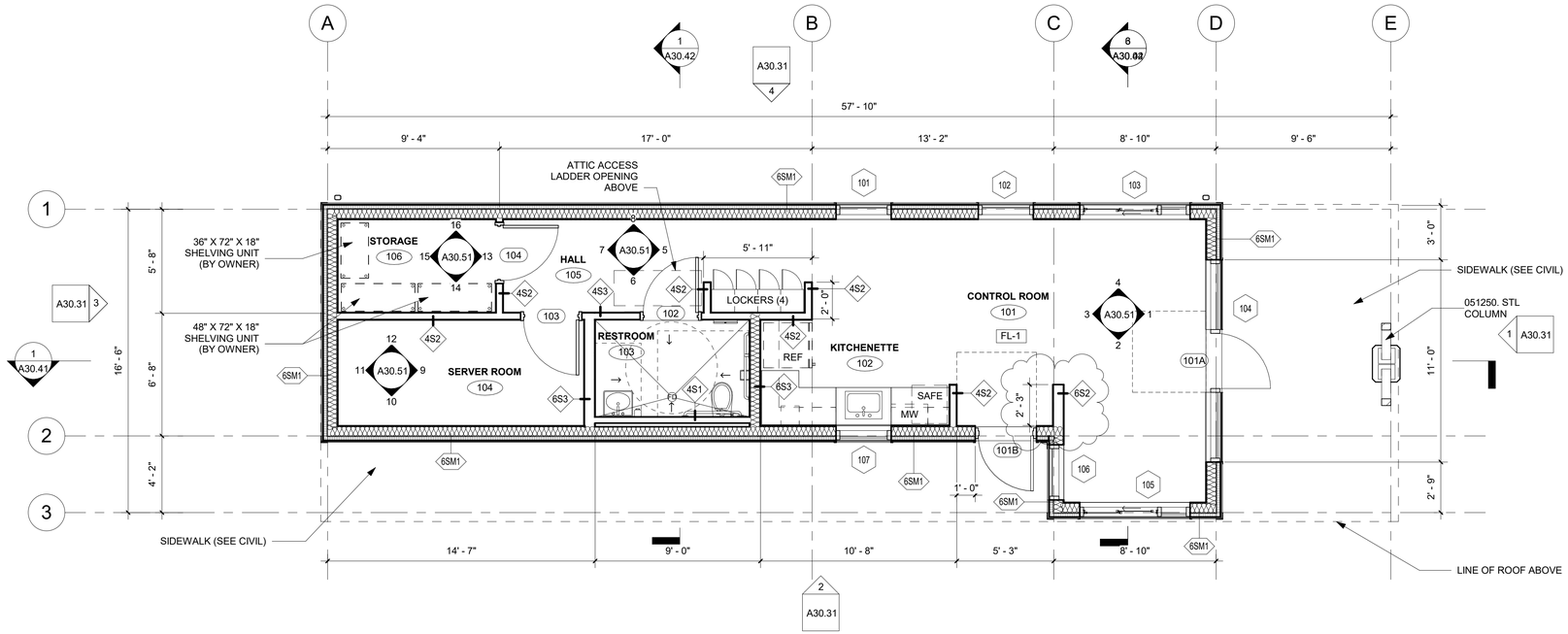
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING ENERGY CODE COMPLIANCE

DRAWING NO.
134 OF 239

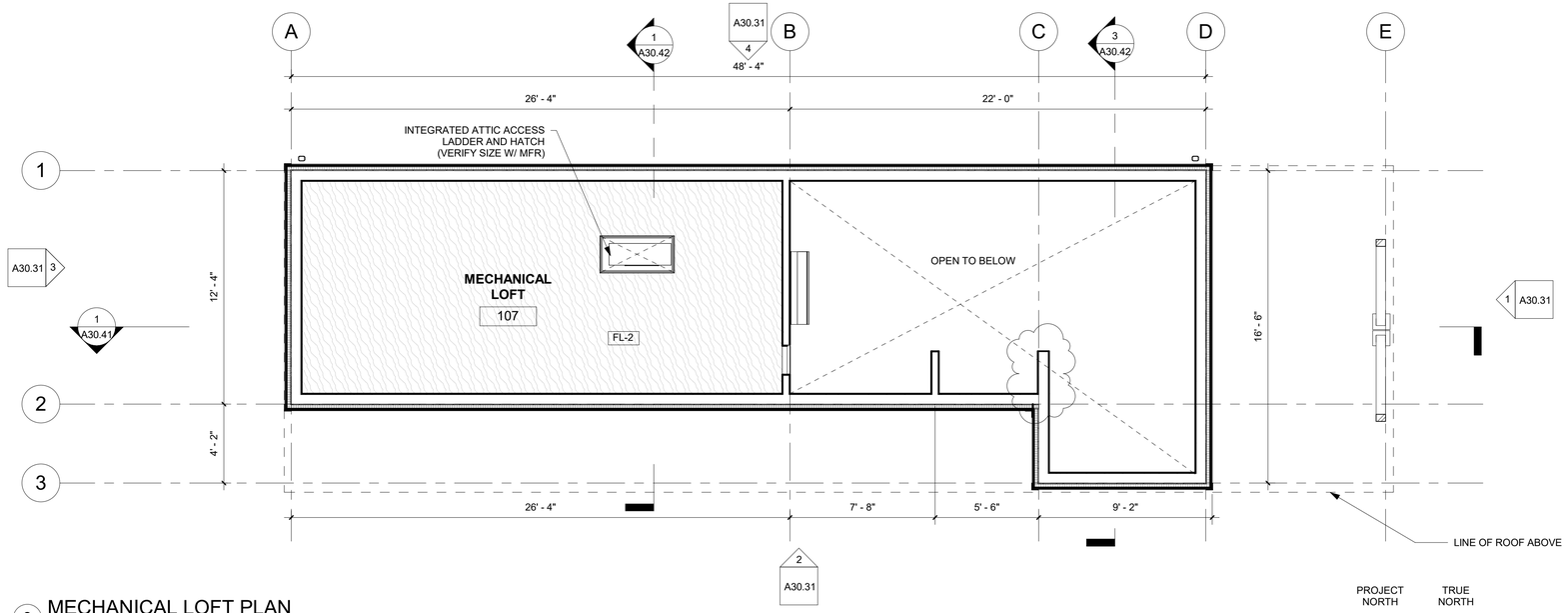
A30.04



1 FLOOR PLAN

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'



3 MECHANICAL LOFT PLAN

1/4" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

FLOOR PLAN GENERAL NOTES

A. DRAWINGS ARE SHOWN TO SCALE AS NOTED AS AIDS IN DETERMINING SIZE AND PROPORTION. ONLY WRITTEN DESCRIPTIONS AND SIZES SHALL BE UTILIZED FOR CONSTRUCTION. DRAWINGS SHALL NOT BE SCALED.

B. UNLESS NOTED OTHERWISE, DIMENSIONS ON PLANS ARE:
- FACE OF STUD (F.O.S.)
- FACE OF CONCRETE (F.O.C.)
- CENTERLINE OF DOOR AND WINDOW OPENINGS.

C. FIXTURES AND EQUIPMENT SHOWN ARE FOR COORDINATION PURPOSES ONLY. REFER TO THE MANUFACTURER'S PRODUCT DATA, ENGINEERING DRAWINGS, AND SPECIFICATIONS FOR FIXTURE AND EQUIPMENT DESCRIPTIONS AND LOCATIONS.

D. PRESERVATION OF ADJACENT OR EXISTING CONSTRUCTION:
- AVOID DAMAGE TO EXISTING STRUCTURES, SIDEWALKS, CURBS, PAVING AND LANDSCAPING.
- PATCH, REPAIR, OR REPLACE ANY ITEMS DAMAGED, OR AS DIRECTED BY THE PROPERTY OWNER.

E. AVOID UNNECESSARY DISRUPTIONS TO THE FUNCTIONS AND ACTIVITIES OF ADJACENT BUILDINGS.

F. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES OR CONFLICTING DATA TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING WORK.

G. UNLESS NOTED OTHERWISE, INSTALL DOORS WITH 4" FROM HINGE SIDE OF DOOR TO ADJACENT WALL FRAMING.

H. CONTRACTOR TO VERIFY SIZES OF ROUGH DOOR AND WINDOW OPENINGS PRIOR TO ORDERING DOORS AND WINDOWS.

I. GENERAL CONTRACTOR TO COORDINATE FFE WITH CIVIL DRAWINGS.

NOTE:
FOR MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, MISTER, AND STRUCTURAL SYSTEMS, REFERENCE ENGINEERING DRAWINGS, SCHEDULES AND SPECIFICATIONS

ISSUE FOR BID

	REVISIONS	DATE	BY
1	Revision 1	12/21/2023	

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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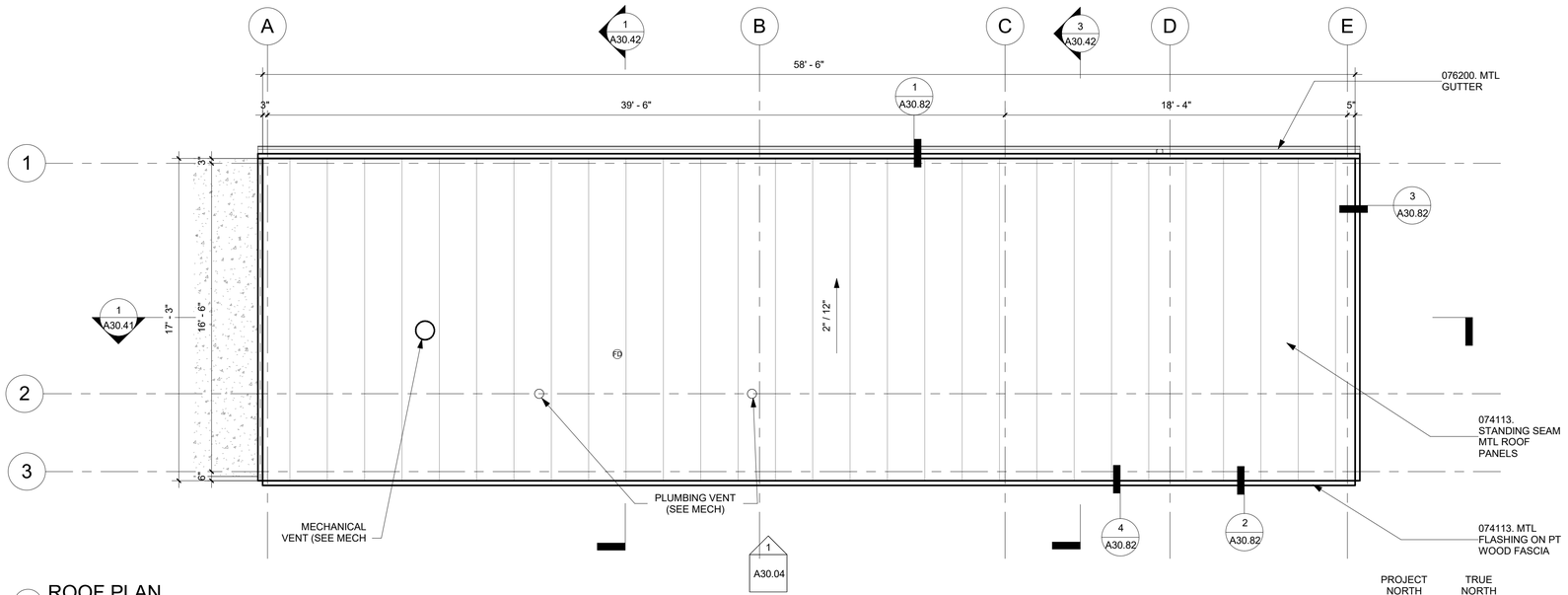
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING FLOOR PLANS

DRAWING NO.
135 OF 239
A30.21

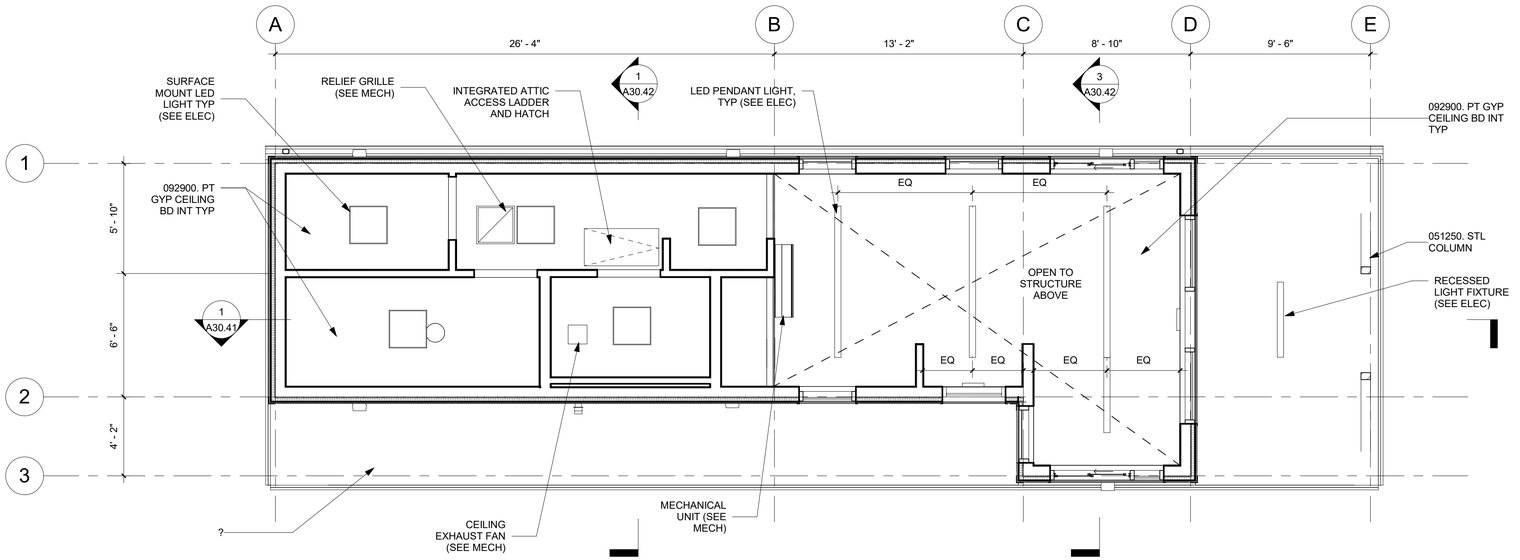


1 ROOF PLAN

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

ALL RELIEF, OUTSIDE AIR INTAKE AND EXHAUST OPENINGS SHALL BE PROVIDED WITH DAMPERS IN ACCORDANCE WITH WSEC MECHANICAL SECTION C403.7.8



2 REFLECTED CEILING PLAN

1/4" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
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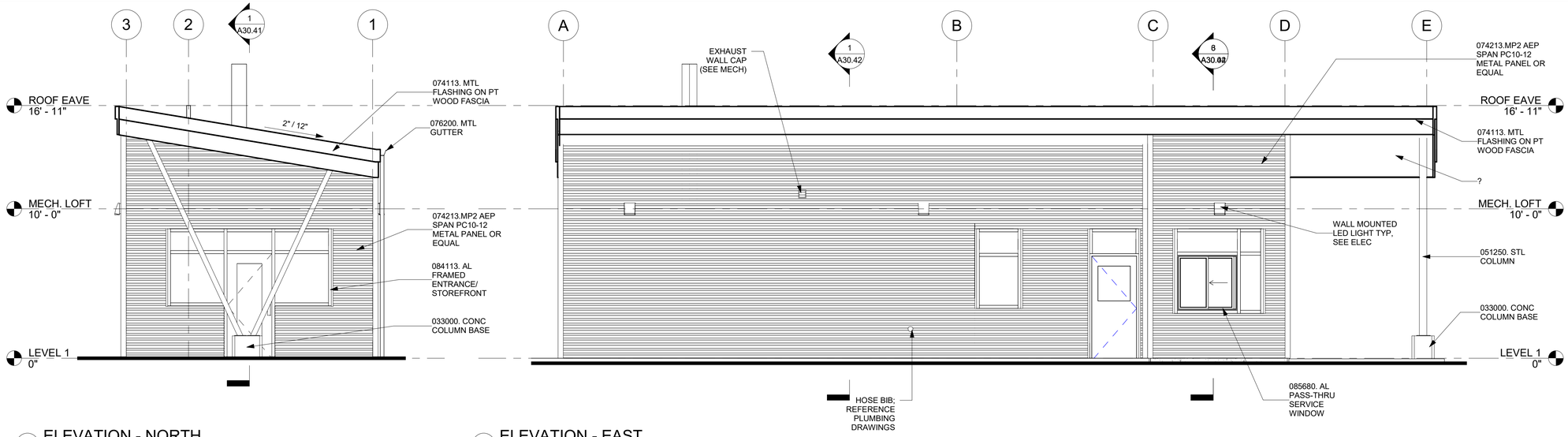
PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING ROOF PLAN AND REFLECTED CEILING PLAN

DRAWING NO.
136 OF 239

A30.22



1 ELEVATION - NORTH

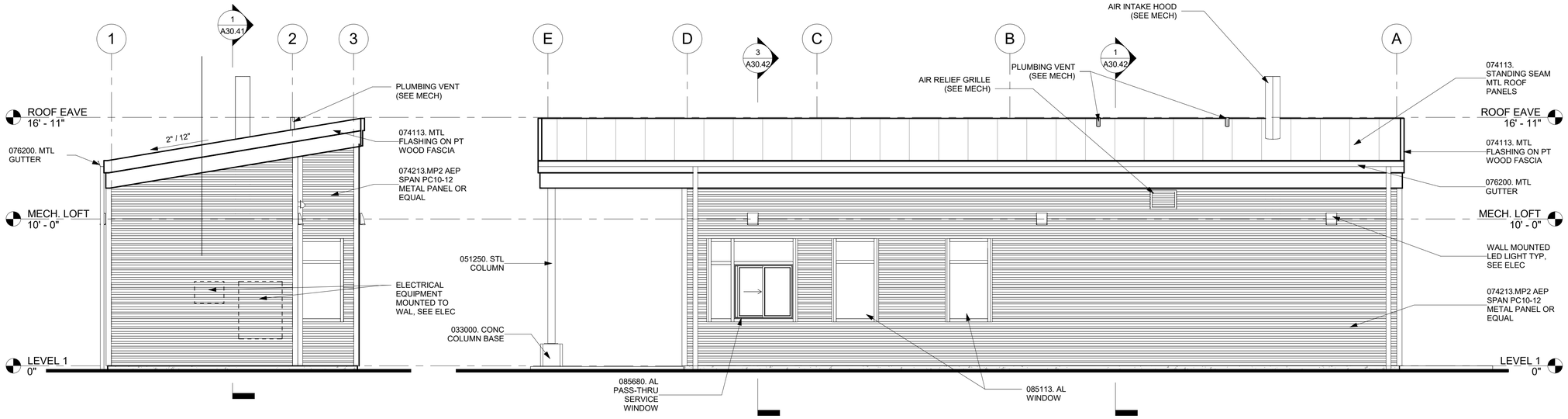
1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

2 ELEVATION - EAST

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'



3 ELEVATION - SOUTH

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

4 ELEVATION - WEST

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

EXTERIOR ELEVATION NOTES

1. SEE RCP'S FOR ADDITIONAL INFORMATION ON MATERIAL AND FINISH LOCATIONS.
2. SEE BUILDING SECTIONS FOR WALL HEIGHTS NOT SHOWN ON THIS SHEET.
3. GENERAL CONTRACTOR TO COORDINATE FFE WITH CIVIL DRAWINGS.
4. ALL RELIEF, OUTSIDE AIR INTAKE AND EXHAUST OPENINGS SHALL BE PROVIDED WITH DAMPERS IN ACCORDANCE WITH WSEC MECHANICAL SECTION C403.7.8

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

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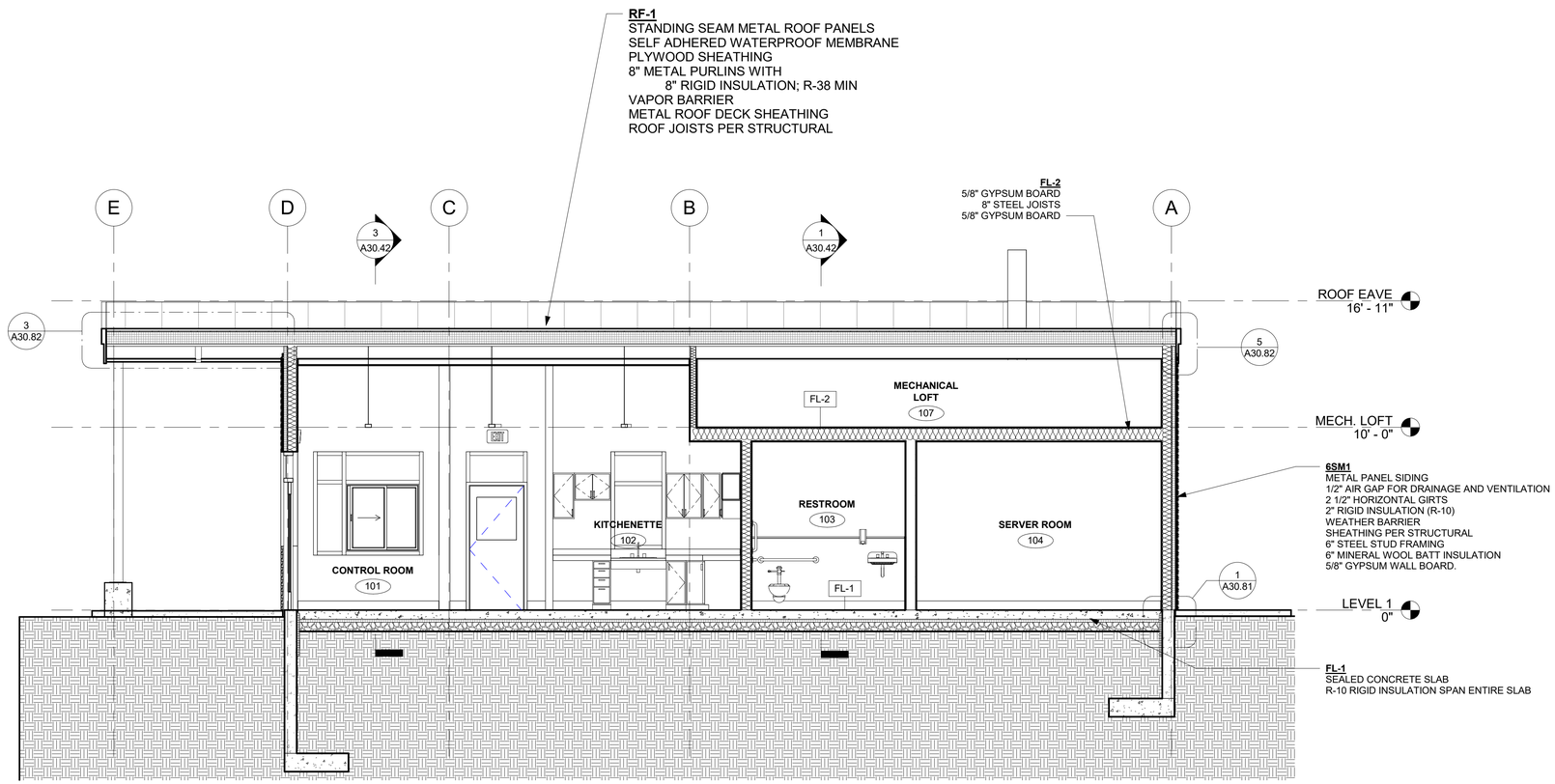
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING EXTERIOR ELEVATIONS

DRAWING NO.
137 OF 239

A30.31



1 SECTION

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250
REGISTERED ARCHITECT
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STATE OF WASHINGTON

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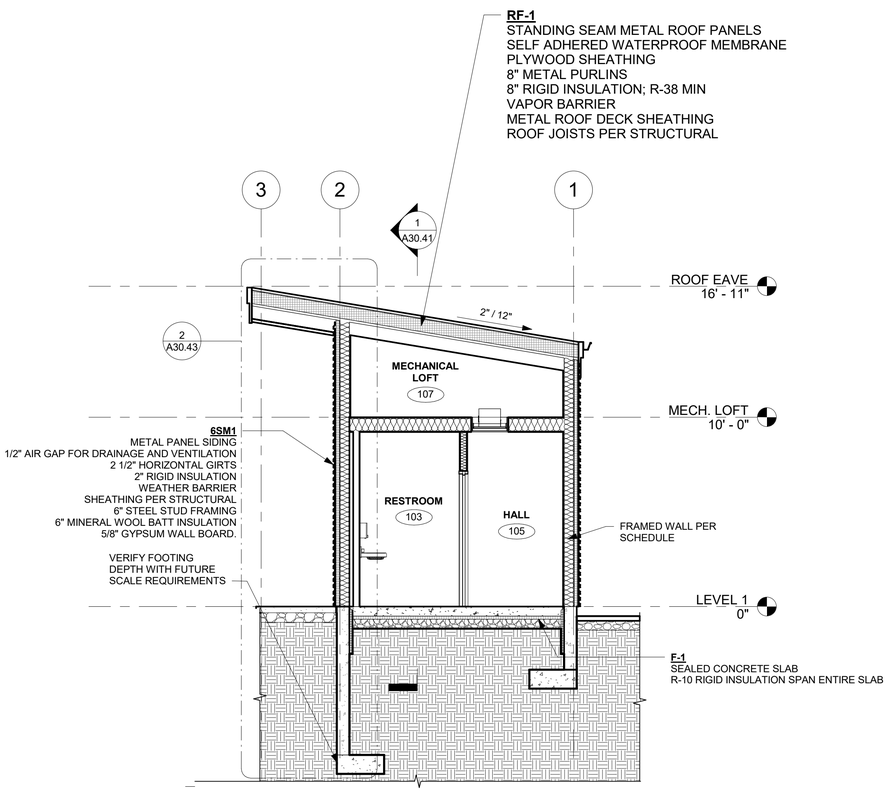
PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING SECTION

DRAWING NO.
138 OF 239

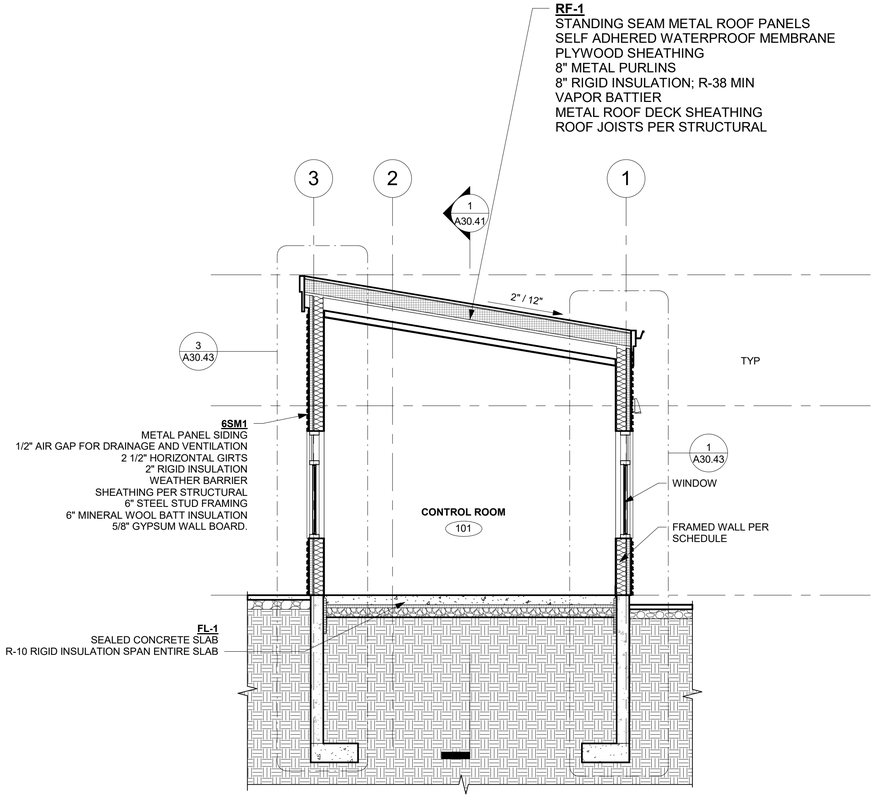
A30.41



1 SECTION @ RESTROOM

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'



3 SECTION @ ATTENDANT AREA

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

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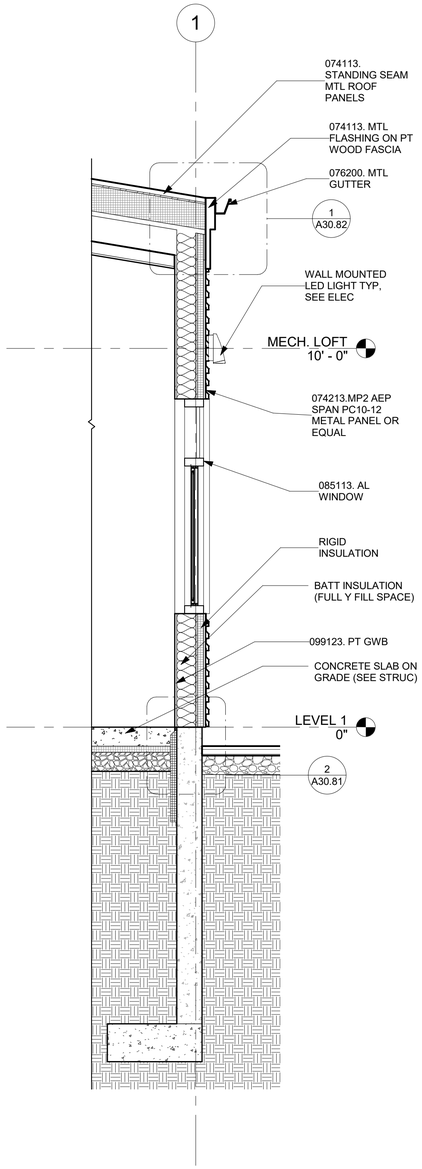
PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING SECTIONS

DRAWING NO. 139 OF 239

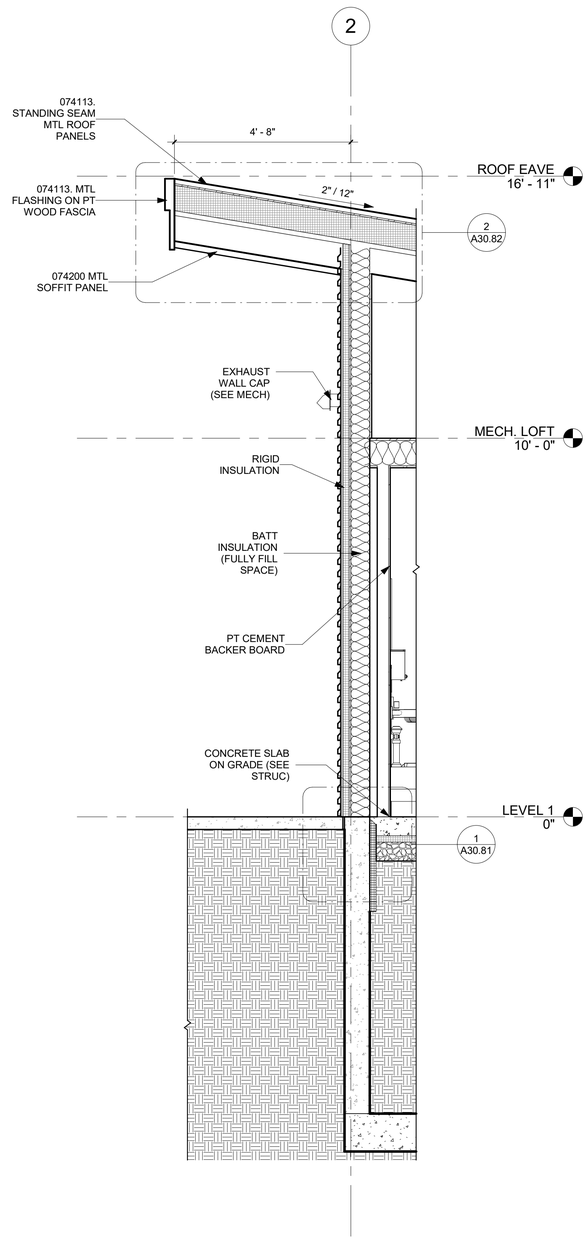
A30.42



1 WALL SECTION @ GRID 1

1/2" = 1'-0" @ FULL SIZE

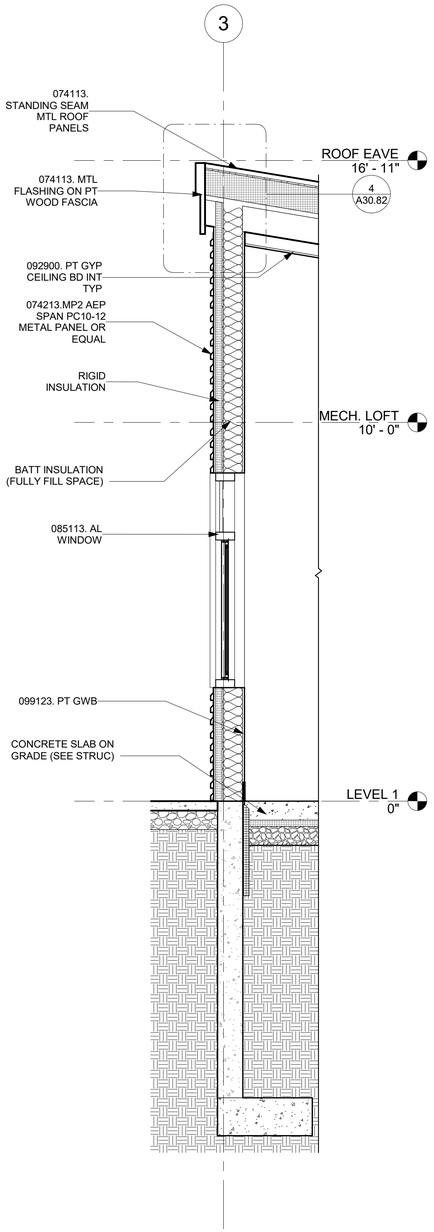
0' 6" 1' 2'



2 WALL SECTION @ GRID 2

1/2" = 1'-0" @ FULL SIZE

0' 6" 1' 2'



3 WALL SECTION @ GRID 3

1/2" = 1'-0" @ FULL SIZE

0' 6" 1' 2'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
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PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

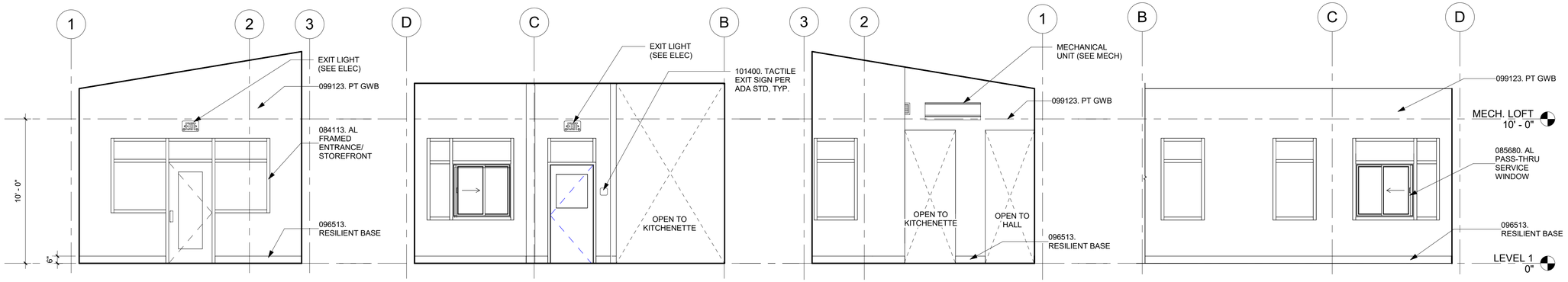
ATTENDANT BUILDING WALL SECTIONS

DRAWING NO.
140 OF 239

A30.43

ROOM FINISH SCHEDULE

ROOM		FLOOR			WALLS								CEILING		
					NORTH		EAST		SOUTH		WEST				
NUMBER	NAME	MATERIAL	FINISH	BASE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	NOTES
101	CONTROL ROOM	CONCRETE	POLISHED	RESILIENT BASE 6"	GWB	PT	GWB	PT	GWB	PT	GWB	PT	GYP BD	PT	
102	KITCHENETTE	CONCRETE	POLISHED	RESILIENT BASE 6"	GWB	PT	GWB	PT	GWB	PT	GWB	PT	GYP BD	PT	
103	RESTROOM	CONCRETE	POLISHED	FRP W/ RESILIENT BASE 6"	GWB	PT	GWB	PT	GWB	PT	GWB	PT	GYP BD	PT	
104	SERVER ROOM	CONCRETE	POLISHED	RESILIENT BASE 6"	GWB	PT	GWB	PT	GWB	PT	GWB	PT	GYP BD	PT	
105	HALL	CONCRETE	POLISHED	RESILIENT BASE 6"	GWB	PT	GWB	PT	GWB	PT	GWB	PT	GYP BD	PT	
106	STORAGE	CONCRETE	POLISHED	RESILIENT BASE 6"	GWB	PT	GWB	PT	GWB	PT	GWB	PT	GYP BD	PT	
107	MECHANICAL LOFT	PLYWOOD	SEALED	NONE	GWB	-	GWB	-	GWB	-	GWB	-	NONE	-	

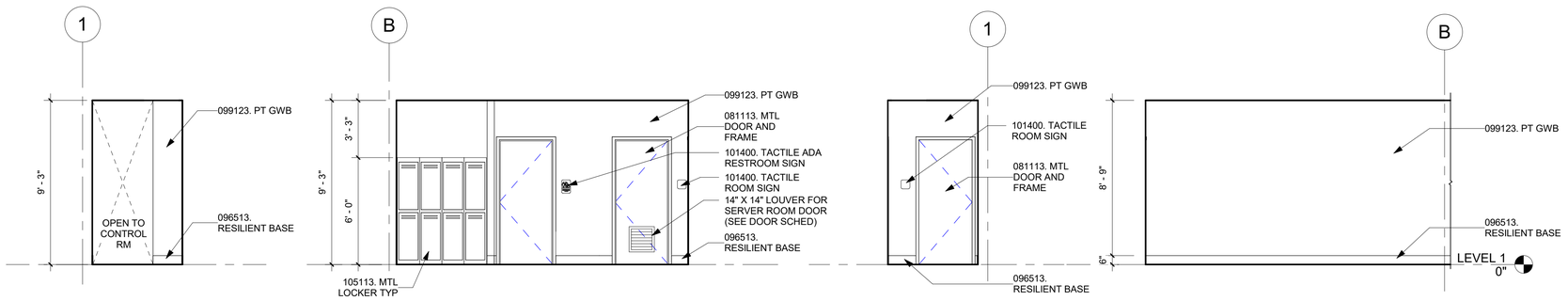


1 101 CONTROL RM - NORTH — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

2 101 CONTROL RM - EAST — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

3 101 CONTROL RM - SOUTH — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

4 101 CONTROL RM - WEST — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

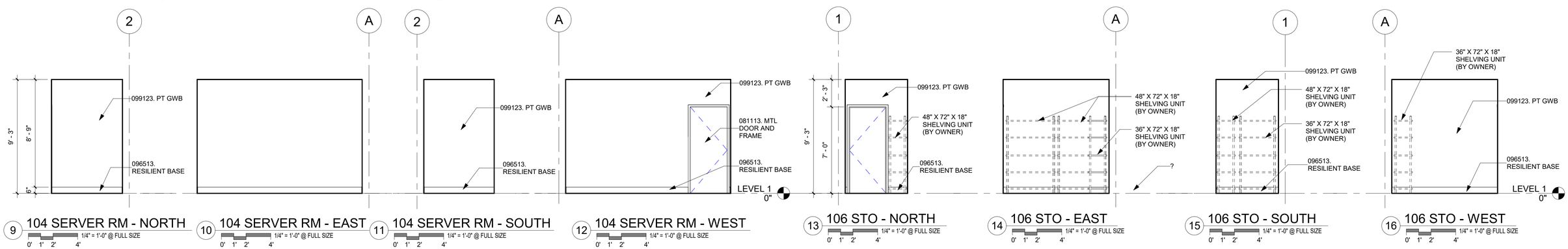


5 105 HALL - NORTH — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

6 105 HALL - EAST — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

7 105 HALL - SOUTH — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

8 105 HALL - WEST — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')



9 104 SERVER RM - NORTH — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

10 104 SERVER RM - EAST — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

11 104 SERVER RM - SOUTH — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

12 104 SERVER RM - WEST — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

13 106 STO - NORTH — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

14 106 STO - EAST — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

15 106 STO - SOUTH — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

16 106 STO - WEST — 1/4" = 1'-0" @ FULL SIZE (0' 1' 2' 4')

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

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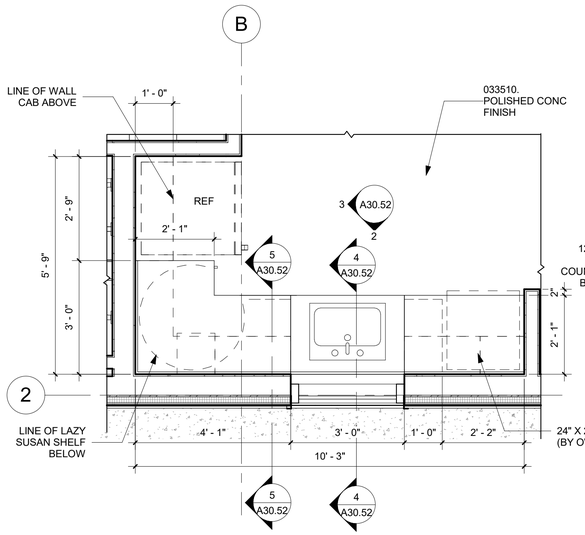
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING INTERIOR ELEVATIONS & FINISH SCHEDULE

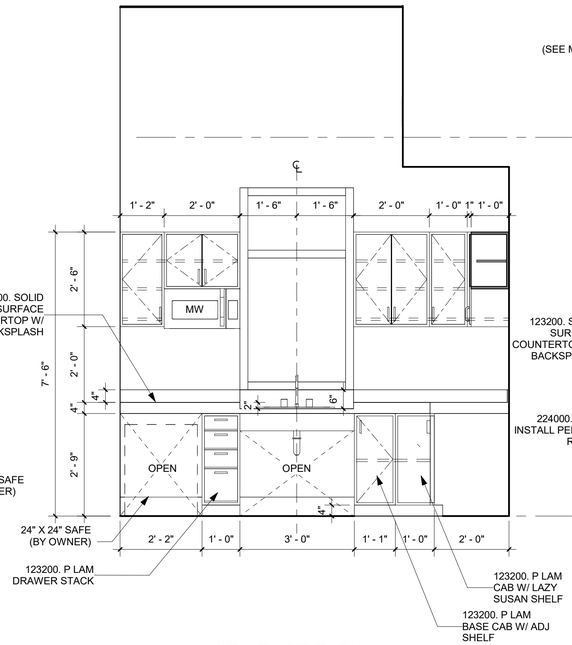
DRAWING NO.
141 OF 239
A30.51

KITCHEN & RESTROOM NOTES

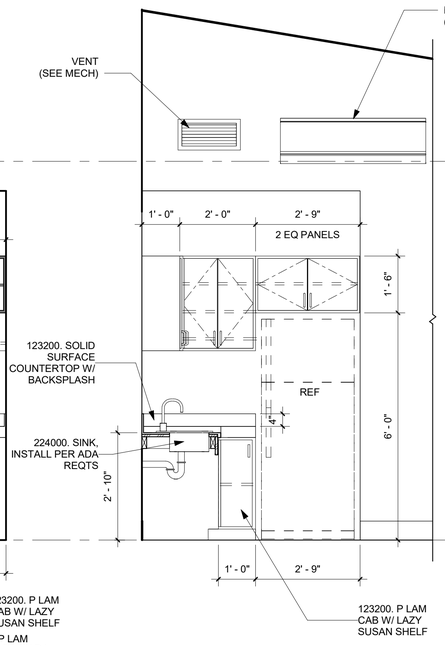
1. ALL FIXTURES AND RESTROOM ACCESSORIES SHALL CONFORM WITH ADA STANDARDS
2. REFER TO MATERIAL SCHEDULES & FINISHES. CONTRACTOR TO SUBMIT SHOP DRAWINGS, MATERIAL, HARDWARE, AND FINISH SAMPLES FOR ARCHITECT'S APPROVAL
3. REFER TO STRUCT / MECH / ELEC DRAWINGS FOR WORK NOT SHOWN ON ARCHITECTURAL SHEETS.



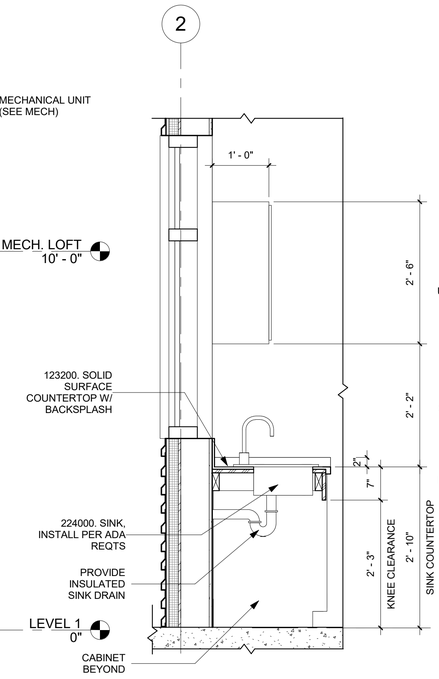
1 KIT - ENLARGED PLAN
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'



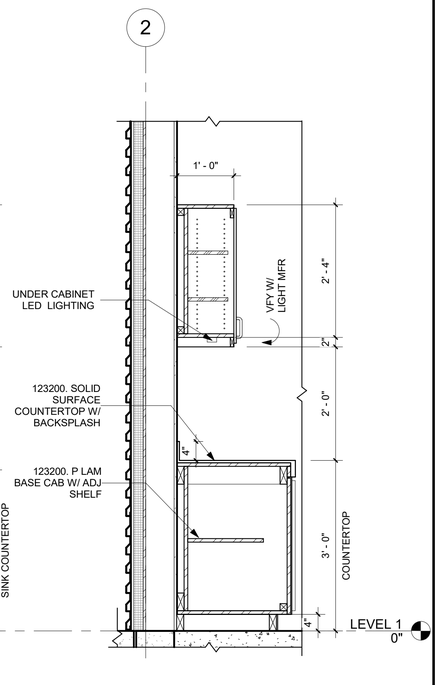
2 KIT - EAST ELEV
1/2" = 1'-0" @ FULL SIZE
0' 4" 8" 1'-4"



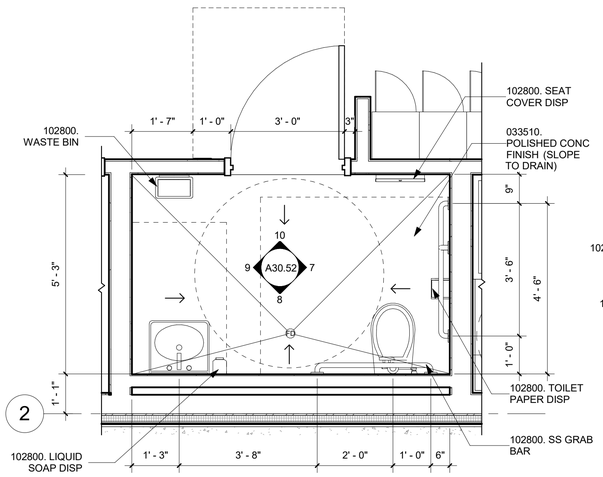
3 KIT - SOUTH ELEV
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'



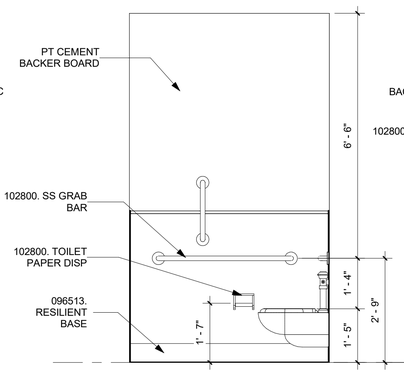
4 KIT - SECTION DTL 1
3/4" = 1'-0" @ FULL SIZE
0' 4" 8" 1'-4"



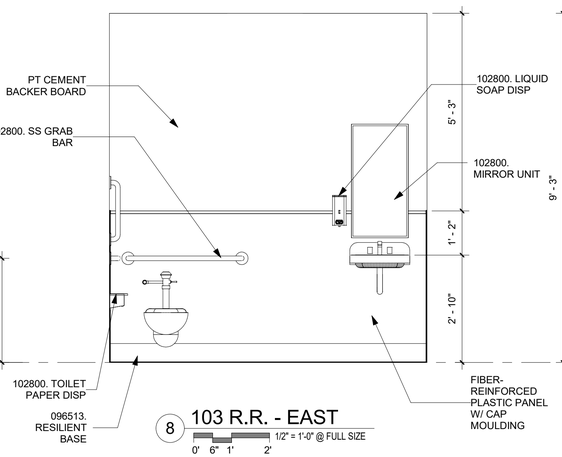
5 KIT - SECTION DTL 2
3/4" = 1'-0" @ FULL SIZE
0' 4" 8" 1'-4"



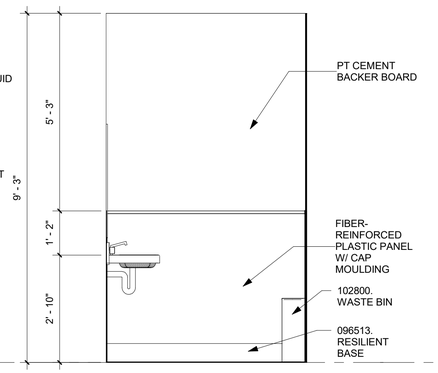
6 103 R.R. ENLARGED PLAN
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'



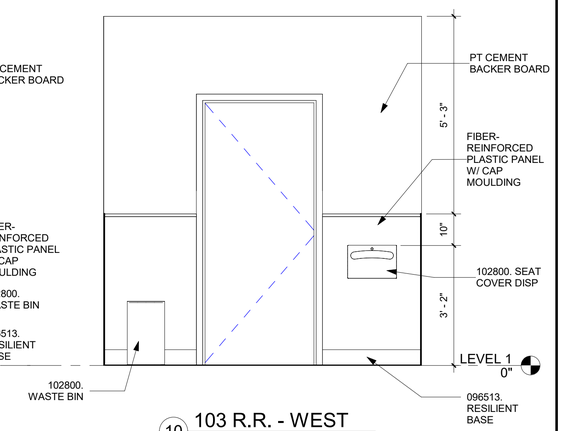
7 103 R.R. - NORTH
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'



8 103 R.R. - EAST
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'



9 103 R.R. - SOUTH
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'



10 103 R.R. - WEST
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'

ISSUE FOR BID

	REVISIONS	DATE	BY
1	Revision 1	12/21/2023	

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
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6250 REGISTERED ARCHITECT
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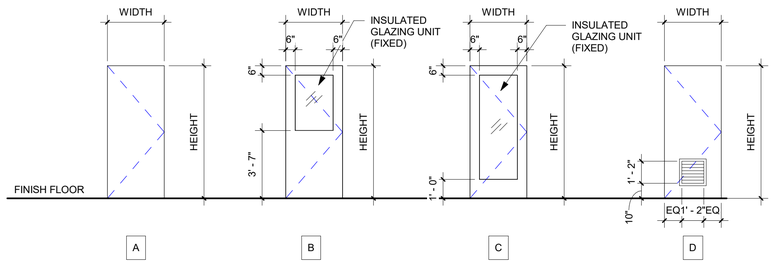
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING ENLARGED PLANS AND INTERIOR ELEVATIONS

DRAWING NO.
142 OF 239

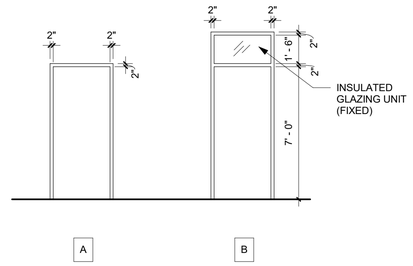
A30.52



DOOR TYPES

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'



DOOR FRAME TYPES

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

DOOR SCHEDULE

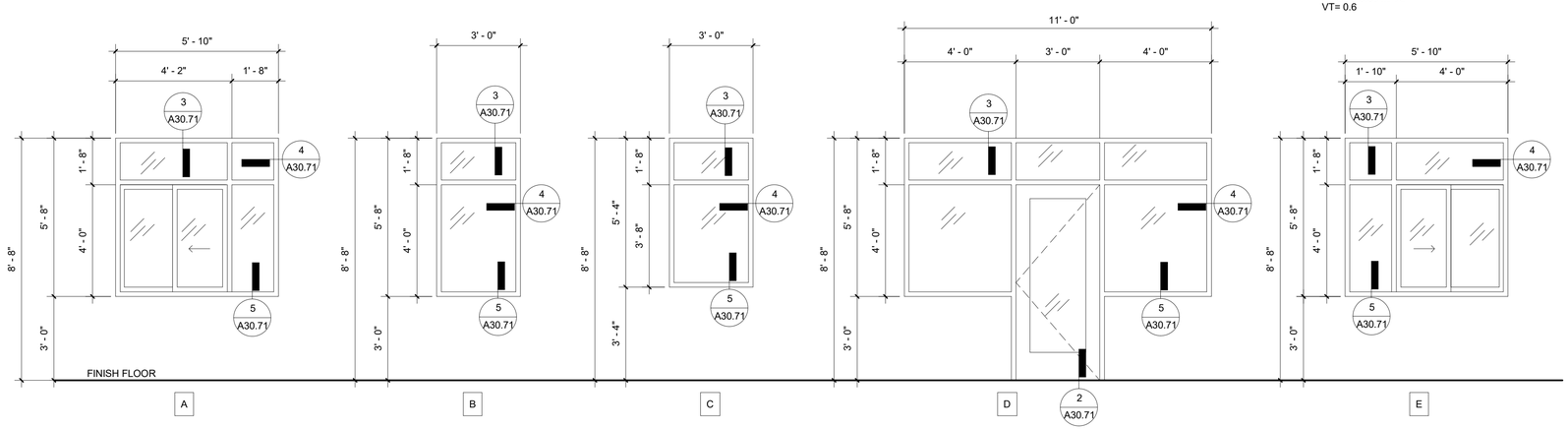
DOD	DOOR						DOOR FRAME			HARDWARE	COMMENTS
	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH		
101A	3' - 0"	7' - 0"		C	ALUM	MFR ANOD		ALUM	MFR ANOD	SS	DOOR: U FACTOR ≤ 0.60
101B	3' - 0"	7' - 0"	1 3/4"	B	HM	PT	B	HM	PT	SS	DOOR: R-11 OR BETTER. THERMALLY BROKEN FRAME
102	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT	SS	
103	3' - 0"	7' - 0"	1 3/4"	D	HM	PT	A	HM	PT	SS	14" X 14" DOOR LOUVER, 10" ABOVE FLOOR
104	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT	SS	

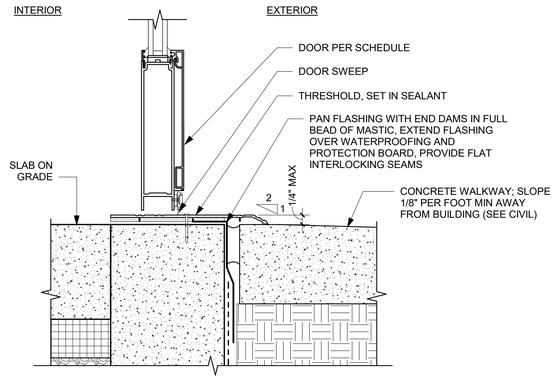
FENESTRATION PRODUCTS SHALL BE LABELED WITH NFRC U-FACTORS, SHGC, VT AND LEAKAGE RATING, OR IF PRODUCTS DO NOT HAVE NFRC RATING, INDICATE APPLICABLE WSEC CHAPTER 3 DEFAULT VALUES

WINDOW SCHEDULE

MARK	TYPE	DESCRIPTION	FRAMING MATL	GLAZING MATL	WIDTH	HEIGHT	SILL HEIGHT	HEAD HEIGHT	COMMENTS
101	B	FIXED	ALUM, MFR ANOD	ITG	3' - 0"	5' - 8"	3' - 0"	8' - 8"	
102	B	FIXED	ALUM, MFR ANOD	ITG	3' - 0"	5' - 8"	3' - 0"	8' - 8"	
103	A	SLIDING W/ FIXED	ALUM, MFR ANOD	ITG	5' - 10"	5' - 8"	3' - 0"	8' - 8"	
104	D	FIXED W/ SWING DOOR	ALUM, MFR ANOD	ITG	11' - 0"	5' - 8"	3' - 0"	8' - 8"	
105	E	SLIDING W/ FIXED	ALUM, MFR ANOD	ITG	5' - 10"	5' - 8"	3' - 0"	8' - 8"	
106	B	FIXED	ALUM, MFR ANOD	ITG	3' - 0"	5' - 8"	3' - 0"	8' - 8"	
107	C	FIXED	ALUM, MFR ANOD	ITG	3' - 0"	5' - 4"	3' - 0"	8' - 8"	

ALL INSULATED GLASS UNITS MUST MEET THE FOLLOWING RATINGS:
U-FACTOR= 0.36 MAX.
SHGC= 0.38 MAX.
VT= 0.6





2 ALUMINUM DOOR THRESHOLD

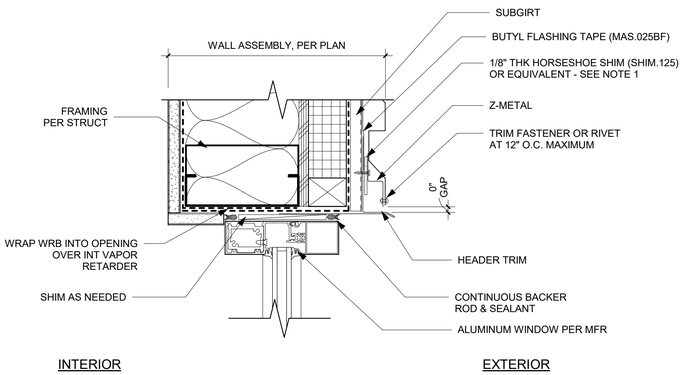
3" = 1'-0" @ FULL SIZE

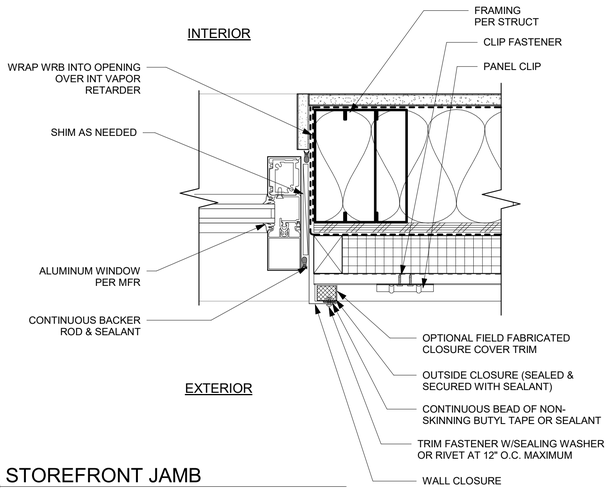
0' 1" 2" 4"

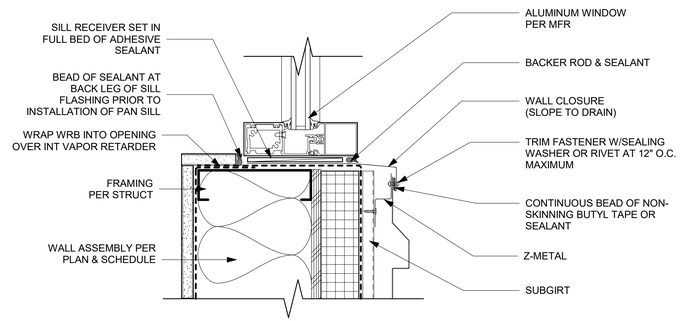
1 STOREFRONT / WINDOW TYPES

3/8" = 1'-0" @ FULL SIZE

0' 6" 1' 2'







3 STOREFRONT HEAD

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"

4 STOREFRONT JAMB

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"

5 STOREFRONT SILL

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
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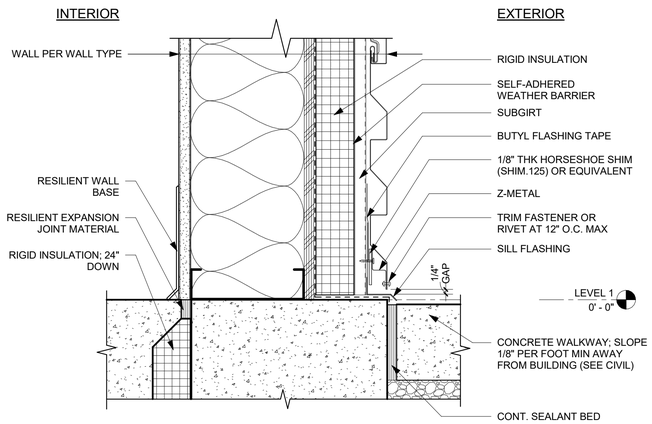
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING WINDOW & DOOR TYPES AND SCHEDULES

DRAWING NO.
143 OF 239

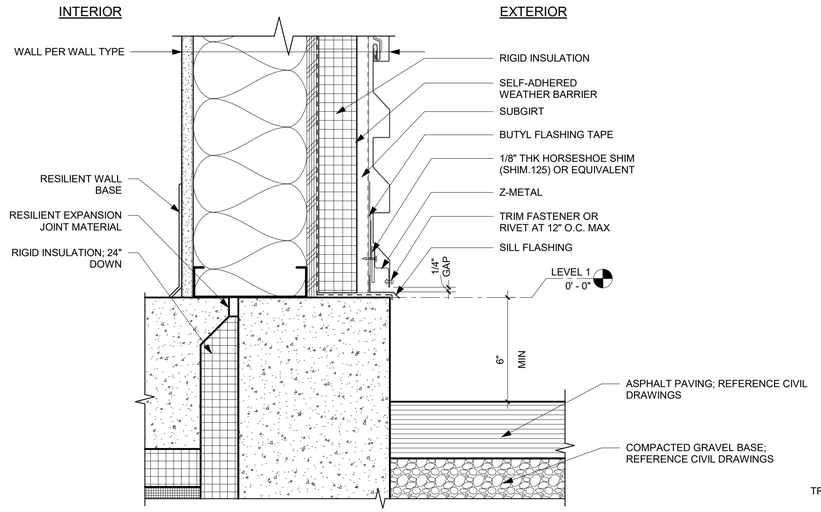
A30.71



1 METAL SIDING AT FOUNDATION - AT WALKWAY

3" = 1'-0" @ FULL SIZE

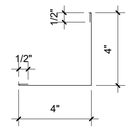
0' 1" 2" 4"



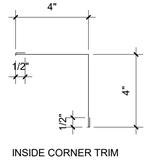
2 METAL SIDING AT FOUNDATION - AT ATTENDANT WINDOW

3" = 1'-0" @ FULL SIZE

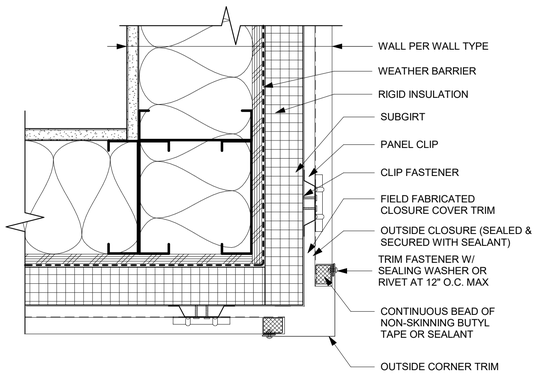
0' 1" 2" 4"



OUTSIDE CORNER TRIM

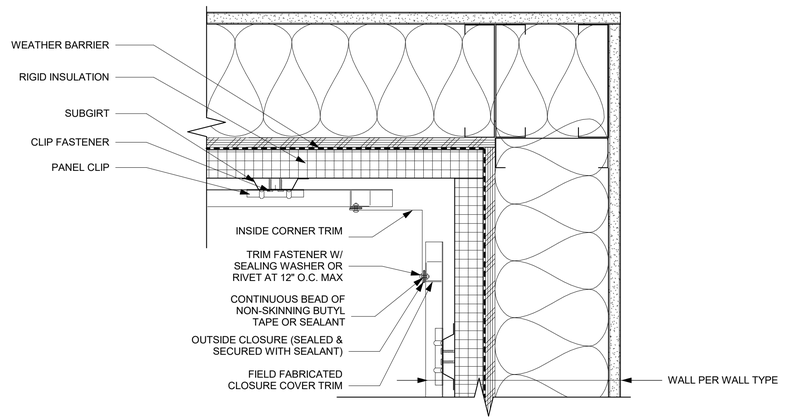


INSIDE CORNER TRIM



3 METAL PANEL - OUTSIDE CORNER

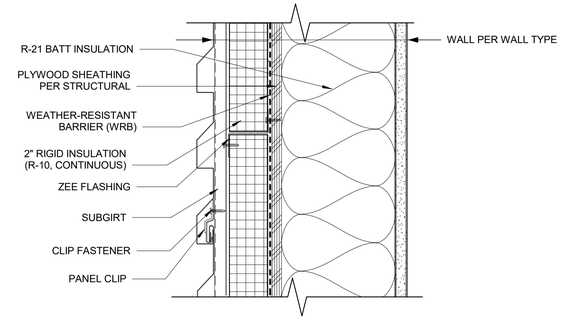
3" = 1'-0" @ FULL SIZE



4 METAL PANEL - INSIDE CORNER

3" = 1'-0" @ FULL SIZE

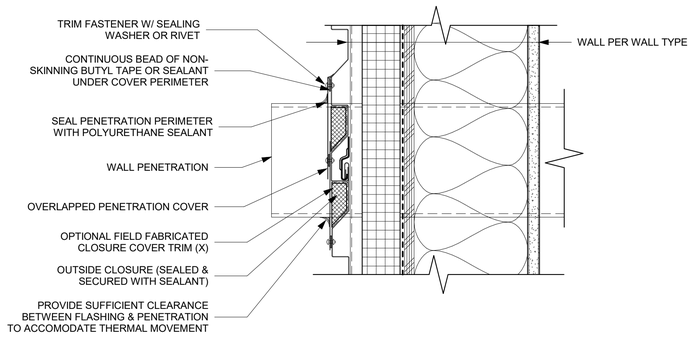
0' 1" 2" 4"



5 RIGID INSULATION DETAIL

3" = 1'-0" @ FULL SIZE

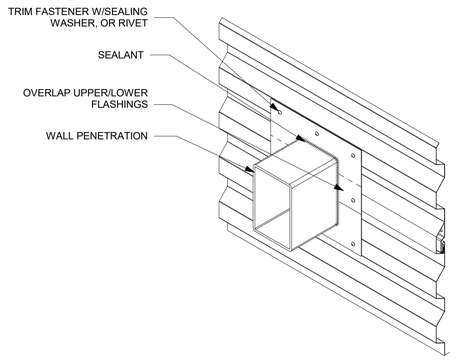
0' 1" 2" 4"



6 WALL PENETRATION - SECTION

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"



7 WALL PENETRATION - 3D VIEW

N.T.S.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
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PROJECT NAME

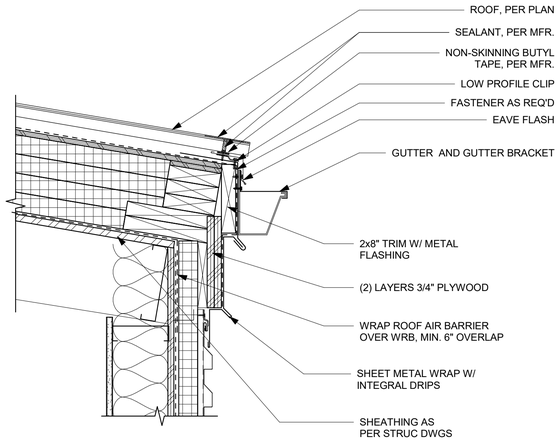
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT

KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING DETAILS

DRAWING NO. 144 OF 239

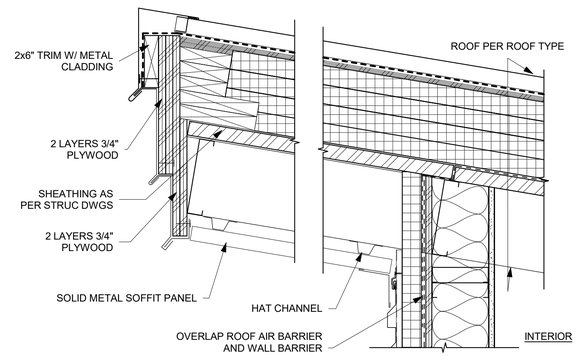
A30.81



1 GUTTER EDGE

1 1/2" = 1'-0" @ FULL SIZE

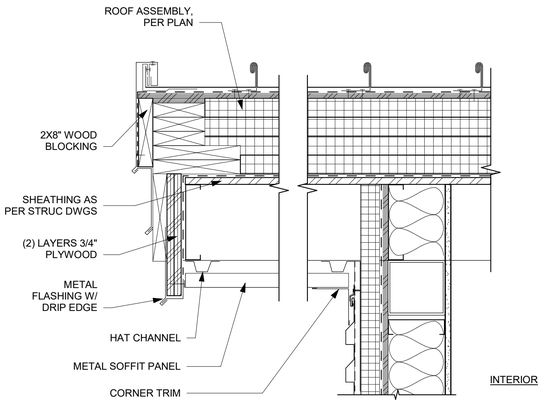
0' 2" 4" 8"



2 HIGH EAVE WITH SOFFIT

1 1/2" = 1'-0" @ FULL SIZE

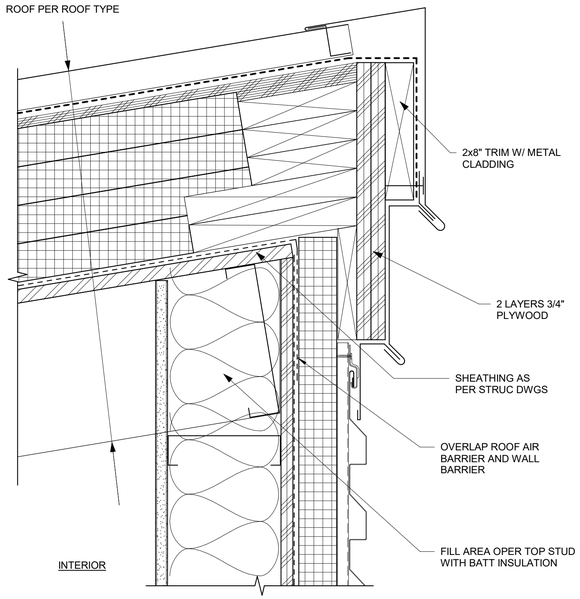
0' 2" 4" 8"



3 ROOF RAKE

1 1/2" = 1'-0" @ FULL SIZE

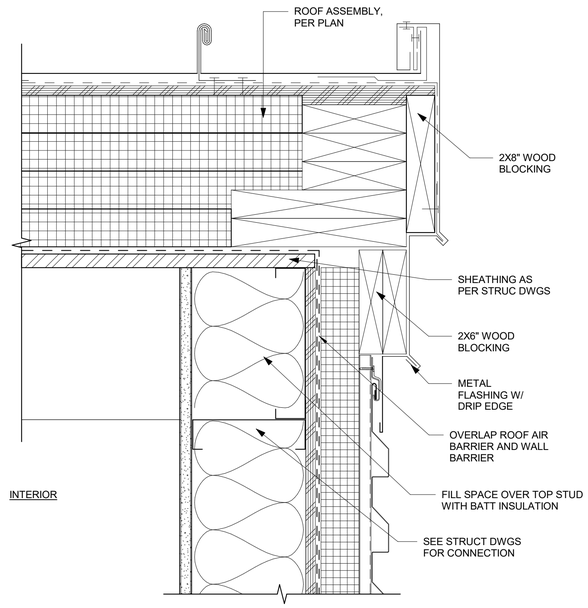
0' 2" 4" 8"



4 HIGH EAVE NO SOFFIT

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"



5 ROOF RAKE NO EAVE

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED SDF
DRAWN CR
CHECKED SDF
APPROVED SDF

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No 21090
DATE AUGUST 2025

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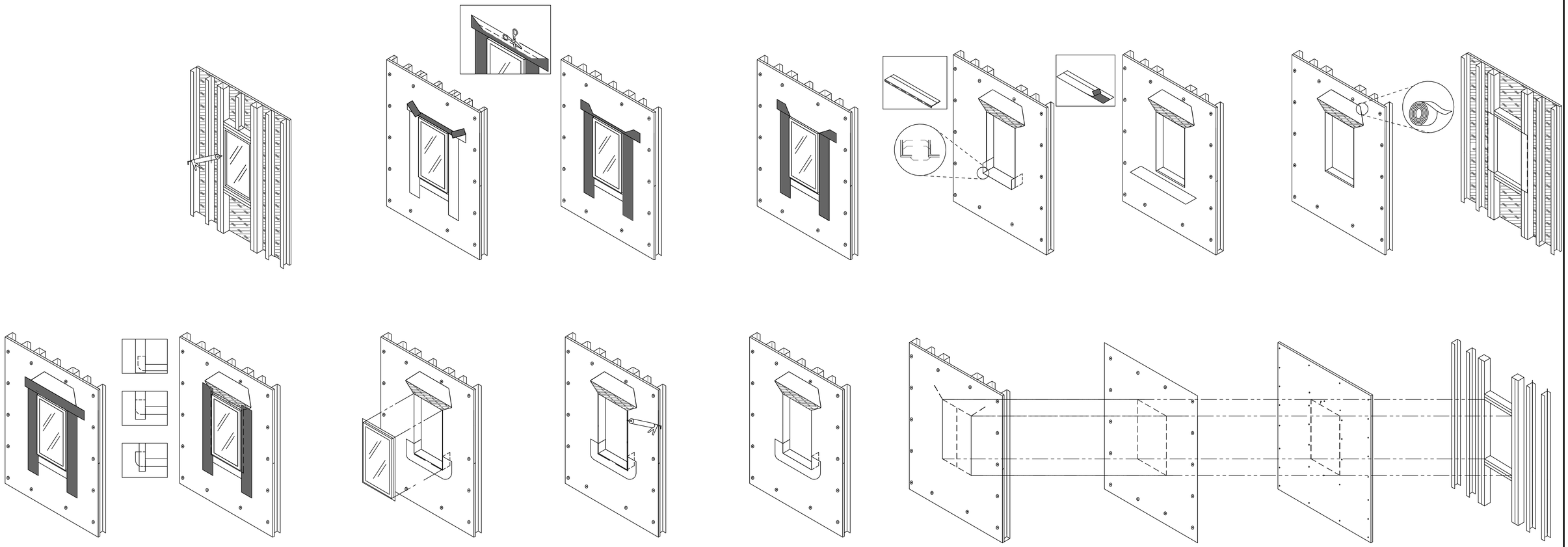
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING DETAILS

DRAWING NO.
145 OF 239
A30.82



2 TYPICAL SEQUENCING OF THE WRB AROUND OPENING AT EXTERIOR WALLS

1/4" = 1'-0" @ FULL SIZE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250
REGISTERED ARCHITECT
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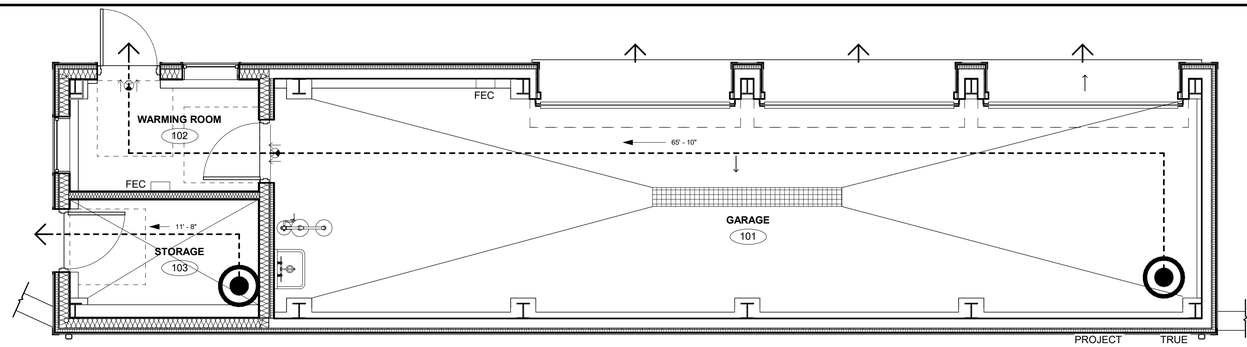
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING DETAILS

DRAWING NO.
146 OF 239
A30.83



1 LEVEL 1 CODE ANALYSIS PLAN

1/4" = 1'-0" @ FULL SIZE

0' 4' 8' 16'

BUILDING CODE ANALYSIS SUMMARY

GENERAL BUILDING CODE INFO

PROJECT DESCRIPTION: AN OPERATOR / ATTENDANT BUILDING WITH OFFICE AND BREAK AREA. THE BUILDING FUNCTIONS AS THE PRIMARY SITE ACCESS POINT.

BUILDING JURISDICTION: SILVERDALE, WASHINGTON (KITSAP COUNTY)

APPLICABLE CODES:
2018 WASHINGTON STATE BUILDING CODE (WSBC)
ADOPTS IBC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE MECHANICAL CODE (WSMC)
ADOPTS IMC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE PLUMBING CODE (WSPC)
ADOPTS UPC 2018 WITH AMENDMENTS
NATIONAL ELECTRICAL CODE 2020 OF WASHINGTON
ADOPTS NFPA 70, 2020 WITH AMENDMENTS
2018 WASHINGTON STATE ENRGY CODE - COMMERCIAL PROVISIONS
ADOPTS IECC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE EXISTING BUILDING CODE (WSEBC)
ADOPTS IEBC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE FIRE CODE (WSFC)
ADOPTS IFC 2018 WITH AMENDMENTS
ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2009 OF WASHINGTON
ADOPTS ANSI ICC A117.1-2009

DESIGN CRITERIA:

SNOW LOAD:	25 PSF (VERIFY)
WIND EXPOSURE:	C (VERIFY)
SEISMIC SITE CLASS:	D (VERIFY)
DESIGN CATEGORY:	D (VERIFY)
RISK CATEGORY:	II (VERIFY)
CLIMATE ZONE:	5B (VERIFY)

BUILDING INFORMATION:
CONSTRUCTION TYPE (SEC. 602) **TYPE II-B**

FIRE SPRINKLERS (OSSC SECT 903.2): NO

OCCUPANCY CLASSIFICATION (WSBC CHAPTER 3)

WASTE STORAGE = S-1 **(STORAGE)**

GENERAL BUILDING HEIGHTS AND AREAS (WSBC CHAPTER 5)

ALLOWABLE BUILDING HEIGHTS AND AREAS (TABLES 504.3, 504.4 & 506.2)

GROUP	TYPE OF CONST.	II-B (ALLOWED)	II-B (ACTUAL)
S-1 NON-SPRINKLERED	HEIGHT	40'-0"	15'-6" - COMPLIES
	STORIES	2	1
	AREA	9,000 SF	758 SF COMPLIES

ALLOWABLE AREA PER SECTION 506 OF THE IBC (WSBC TABLE 506.2)

ALLOWABLE AREA (AA) FORMULA (WSBC 506.2.1, **EQUATION 5-1**) (S OCCUPANCY, TYPE II-B CONSTRUCTION)
AA = AT + (NS X IF)
AA = 9,000 + (9,000 X 0)
AA = 9,000 SF
ACTUAL B OCCUPANCY AREA = 850 SF (COMPLIES)

FRONTAGE INCREASE (WSBC 506.3):
N/A: BUILDING PERIMETER IS NOT ON A PUBLIC WAY OR QUALIFYING OPEN SPACE

TYPES OF CONSTRUCTION (WSBC CHAPTER 6)

FIRE RATING REQ. FOR BUILDING ELEMENTS (HOURS) (WSBC TABLE 601)

BUILDING ELEMENT	TYPE V-B
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS EXTERIOR INTERIOR	0 0
NONBEARING WALLS AND PARTITIONS EXTERIOR	See Table 602
NONBEARING WALLS AND PARTITIONS INTERIOR	0
FLOOR CONST. AND ASSOCIATED SECONDARY MEMBERS	0
ROOF CONST. AND ASSOCIATED SECONDARY MEMBERS	0

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (WSBC TABLE 602)

FIRE SEP. DISTANCE = X (FEET)	TYPE OF CONST.	OCC. B
10 ≤ X < = 30'	V-B	0
X ≥ 30	V-B	0

FIRE PROTECTION SYSTEMS (WSBC CHAPTER 9)

FIRE SPRINKLER AND FIRE ALARM DETECTION SYSTEMS:

BUILDING **IS NOT** REQUIRED TO BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM PER OSSC TABLE 506.2 OR FIRE ALARM SYSTEM PER WSBC 907.2.2.

MEANS OF EGRESS (WSBC CHAPTER 10)

OCCUPANT LOAD (WSBC TABLE 1004.5)
SEE PLAN ON SHEET AC0.1B FOR OCCUPANCIES AND OCCUPANT LOADS.

COMMON PATH OF TRAVEL DISTANCE:
WSBC TABLE 1006.2.1 SPACES WITH ONE EXIT (WITHOUT AUTOMATIC SPRINKLER SYSTEM)

	ALLOWED MAX.	ACTUAL (LONGEST):
S	100'	65' - 10" COMPLIES

EXIT ACCESS DISTANCE:
WSBC TABLE 1017.2 (WITHOUT SPRINKLER SYSTEM)

	ALLOWED MAX.	ACTUAL (LONGEST):
S	200'	65' - 10" COMPLIES

ACCESSIBILITY (WSBC CHAPTER 11)

ICC A117.1 - 2009
REFER TO ICC A117.1-2009 FOR ITEMS NOT LISTED BELOW:

FLOOR SURFACES SHALL COMPLY WITH SECTION 302
- FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT
- OPENINGS IN FLOOR SURFACES SHALL BE OF A SIZE THAT DOES NOT PERMIT THE PASSAGE OF A 1/2 INCH DIAMETER SPHERE. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE PREDOMINANT DIRECTION OF TRAVEL.

CHANGES IN LEVEL SHALL COMPLY WITH SECTION 303
- CHANGES IN LEVEL OF 1/4 INCH MAXIMUM IN HEIGHT SHALL BE PERMITTED TO BE VERTICAL.
- CHANGES IN LEVEL GREATER THAN 1/4 INCH IN HEIGHT AND NOT MORE THAN 1/2 INCH MAXIMUM IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2
- CHANGES IN LEVEL GREATER THAN 1/2 INCH IN HEIGHT SHALL BE RAMPED AND SHALL COMPLY WITH SECTION 405 OR 406

TURNING SPACES SHALL COMPLY WITH SECTION 304
- FLOOR SURFACES OF A TURNING SPACE SHALL COMPLY WITH SECTION 302. CHANGES IN LEVEL ARE NOT PERMITTED WITHIN THE TURNING SPACE. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED
- TURNING SPACES SHALL COMPLY WITH SECTION 304.3.1 OR 304.3.2
- DOOR SWINGS, UNLESS OTHERWISE SPECIFIES, SHALL BE PERMITTED INTO TURNING SPACES.

CLEAR FLOOR SPACES SHALL COMPLY WITH SECTION 305
- CHANGES IN LEVEL ARE NOT PERMITTED WITHIN THE CLEAR FLOOR SPACE. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
- THE CLEAR FLOOR SPACE SHALL BE 48 INCHES MINIMUM IN LENGTH AND 30 MINIMUM IN WIDTH

ACCESSIBLE ROUTES SHALL COMPLY WITH SECTION 402

WALKING SURFACES SHALL COMPLY WITH SECTION 403
- THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 1:48
- AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE A PASSING SPACE AT INTERVALS OF 200 FEET MAXIMUM. PASSING SPACES SHALL BE A 60-INCH MINIMUM BY 60-INCH MINIMUM SPACE
- FLOOR SURFACE WITHIN THE MANEUVERING CLEARANCES SHALL HAVE A SLOPE NOT STEEPER THAN 1:48 AND SHALL COMPLY WITH SECTION 302

PLUMBING SYSTEMS (WSBC CHAPTER 29)

PLUMBING FIXTURE CALCULATIONS:

GROUP S-1 OCCUPANT LOAD:

NO PROVIDED WATER CLOSET AND NO PROVIDED LAVATORY COMPLY

ENERGY CODE ANALYSIS SUMMARY

2018 WASHINGTON STATE ENERGY CODE (IECC 2018)

CLIMATE ZONE (TABLE C301.1)
KITSAP COUNTY: 4C

5.4.3.3 VESTIBULES AND REVOLVING DOORS
NO VESTIBULE OR REVOLVING DOOR REQUIRED PER EXCEPTION #7

NOT REQUIRED IN CLIMATE ZONE 5 WHEN BUILDING IS LESS THAN 1,000 SF IN GROSS CONDITIONED FLOOR AREA

C402.1.2: EQUIPMENT BUILDINGS SHALL BE EXEMPT FROM THE BUILDING THERMAL ENVELOPE PROVISIONS:
1. AREA SEPARATE BUILDINGS WITH FLOOR AREA NO MORE THAN 500SF
2.HOUSE ELECTRONIC EQUIPMENT POWER TOTALING 7 WATTS PER SF
3. COOLING AND HEATING SIZED PER C403.1.2 & C403.3.1
4. HAVE A HEATING SYSTEM < OR EQUAL TO 5KW
5.HAVE AN AVERAGE WALL & ROOF U-FACTOR LESS THAN 0.2

PROVIDED THE FOLLOWING FOR THE THERMAL ENVELOPE:

TABLE C402.1.3 OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS FOR CLIMATE ZONE 4C **(R-VALUE METHOD)**
(C.I. = CONTINUOUS INSULATION)
(L.S) = LINER SYSTEM
ROOFS:
METAL BUILDINGS = R-25 + R-11 L.S

PROVIDED: R-15 C.I + R-25 + R-11 L.S
2" RIGID INSULATION (R-10)
+ 8-1/4" BATT INSUL. (R-25)
+ 3-1/2" BATT INSUL. L.S (R-11)

WALL ABOVE GRADE:

MASS WALL = R-9.5 C.I

PROVIDED: R-11 C.I
3-1/2" BATT INSULATION (R-11)

STEEL-FRAMED WALLS = R-13 + R-10 C.I.

PROVIDED: R-24 + R-10 C.I @ 1" = R-5
6" BATT INSULATION (R-24)
+ 2" RIGID INSULATION @1" = R-5

SLAB ON GRADE:

UNHEATED SLAB-ON-GRADE FLOOR = R-10 FOR 24"

PROVIDED: R-10 AT EDGES AND UNDER SLAB
2" RIGID INSULATION @1"= R-5 FOR 24"

SWINGING DOORS = U-0.370 MAX

PROVIDED: SEE ENTRANCE DOOR INFO BELOW

TABLE C402.1.4 OPAQUE THERMAL ENVELOPE ASSEMBLY MAXIMUM REQUIREMENTS FOR CLIMATE ZONE 4C **(U-FACTOR METHOD)**

METAL BUILDING = U-0.031

PROVIDED: U-0.23

STEEL-FRAMED WALLS = U-0.055

PROVIDED: U-0.0555

UNHEATED SLAB-ON-GRADE FLOOR = F-0.54

PROVIDED: R-10 AT EDGES AND UNDER SLAB

SWINGING DOORS (OPAQUE) = U-0.37 MAX

PROVIDED: SEE ENTRANCE DOOR INFO BELOW

C402.4.1: MAXIMUM AREA

THE TOTAL BUILDING VERTICAL FENESTRATION SHALL NOT EXCEED 30 PERCENT OF THE TOTAL BUILDING GROSS ABOVE GRADE WALL AREA.

C402.4.4: OPAQUE DOORS SHALL BE CONSIDERED PART OF THE GROSS AREA OF ABOVE GRADE WALLS THAT ARE PART OF THE BUILDING THERMAL ENVELOPE.

FENESTRATIONS - FIXED = U-0.38 MAX
SHGC (SEW, 0.2≤PF<0.5): 0.43 MAX

CONT'D

CODE COMPLIANCE LEGEND

EXIT LIGHT, DIRECTIONAL ARROWS AS INDICATED, SHADED AREAS DENOTE FACES

ROOM NAME
123 — ROOM NUMBER

(OCC. GROUP)
AREA — 000 SF | SF/OCC — OCCUPANT LOAD FACTOR (FROM TABLE 1004.1.1)
OCC. | EXITS — EXITS REQUIRED
NUMBER OF OCCUPANTS

EXIT #1 — EXIT NUMBER
22 — EXIT OCCUPANT LOAD
4.4" — REQ'D EGRESS WIDTH
72" — PROVIDED EGRESS WIDTH (INCHES)

FEC — FIRE EXTINGUISHER CABINET

KNOX — KEY BOX

ACCESSIBLE INGRESS / EGRESS

2-HOUR RATED FIRE BARRIER

1-HOUR RATED FIRE BARRIER

EGRESS TRAVEL LEGEND

MAXIMUM ALLOWABLE COMMON PATH (CP) OF EGRESS TRAVEL DISTANCE TO POINT AT WHICH A CHOICE OF 2 EXITS ARE AVAILABLE
ACTUAL TRAVEL DISTANCE TO EXIT ACCESS
75' 27' 150' 200'
EGRESS PATH
POINT AT WHICH A CHOICE OF 2 EXITS BECOMES AVAILABLE
ACTUAL COMMON PATH OF EGRESS TRAVEL
MAXIMUM ALLOWABLE TOTAL TRAVEL DISTANCE (TD) TO EXIT

GENERAL NOTES

1. TRAVEL DISTANCES ARE SHOWN IN FEET AND ARE ROUNDED UP TO THE NEAREST INCREMENT.

2. FLOOR AREAS SHOWN ON THIS SHEET ARE CALCULATED IN ACCORDANCE WITH "AREA, BUILDING" PER *CHAPTER 2 - DEFINITIONS* OF THE 2019 OSSC.

FENESTRATIONS - OPERABLE = U-0.45 MAX
SHGC (SEW, 0.2≤PF<0.5): 0.43 MAX

OPERABLE PROVIDED: U-0.36 MAX
SHGC: .38 MAX

FENESTRATION- ENTRANCE DOOR = U-0.77 MAX
ENTRANCE DOOR PROVIDED:
FOAM INSULATED STEEL SLAB W/ METAL EDGE IN STEEL FRAME W/ 25% GLAZED FENESTRATION = U-0.55

HOLLOW METAL PROVIDED: (R-11) U-0.09 **(COMPLIES)**

SUBMIT BUILDING ENCLOSURE APPLICABLE CALCULATIONS, WSEC ENVELOPE REQUIREMENTS, FENESTRATION NFRC RATING CERTIFICATES.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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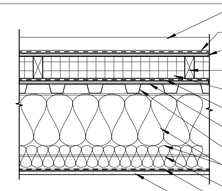
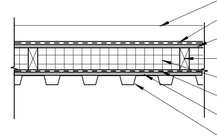
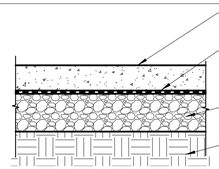
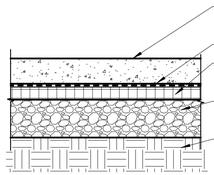
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

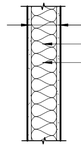
LHHW BUILDING CODE ANALYSIS

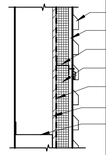
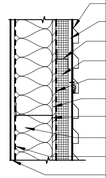
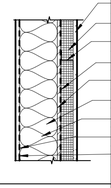
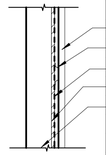
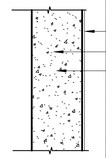
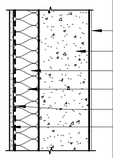
DRAWING NO.
147 OF 239
A40.02

ROOF TYPE	MATERIAL	DESCRIPTION
RF-1 (HEATED SPACE BELOW)		STANDING SEAM METAL ROOF ICE & WATER SHIELD SHOWN DASHED 1/2" PLYWOOD SUBSTRATE 2" x 4" PT WOOD BLOCKING (SEE STRUC FOR FRAMING & FASTENING) 3" RIGID INSULATION (R-15), @1" = R-5 (NO INSULATION ON EAVES)* AIR BARRIER, 0.1 TO 1.0 PERMS REQUIRED ROOF SHEATHING, PER STRUCTURAL METAL ROOF DECK PER STRUCTURAL 8-1/4" BATT INSULATION (R-25) AND 3-1/2" BATT INSULATION (R-11) Wx STEEL BEAM BEYOND, PER STRUCTURAL VAPOR RETARDER 5/8" GYPSUM BOARD
RF-2 (UNHEATED SPACE BELOW)		STANDING SEAM METAL ROOF ICE & WATER SHIELD SHOWN DASHED 1/2" PLYWOOD SUBSTRATE 2" x 4" PT WOOD BLOCKING (SEE STRUC FOR FRAMING & FASTENING) 3" RIGID INSULATION (R-15), @1" = R-5 (NO INSULATION ON EAVES)* AIR BARRIER, 0.1 TO 1.0 PERMS REQUIRED ROOF SHEATHING, PER STRUCTURAL METAL ROOF DECK PER STRUCTURAL

*IF MORE THAN (1)-LAYER OF RIGID INSULATION PANELS ARE USED, PANELS JOINTS MUST BE STAGGERED AT ROOF

FLOOR TYPE	MATERIAL	DESCRIPTION
FL-1		CONCRETE SLAB PER STRUCTURAL VAPOR BARRIER SHOWN DASHED GRAVEL BASE PER STRUCTURAL COMPACTED EARTH PER STRUCTURAL
FL-2		CONCRETE SLAB PER STRUCTURAL VAPOR RETARDER SHOWN DASHED 2" RIGID INSULATION, R-10 (WHERE APPLICABLE) GRAVEL BASE PER STRUCTURAL COMPACTED EARTH PER STRUCTURAL

INTERIOR WALL TYPE	MATERIAL	DESCRIPTION
4S2		(1) LAYER 5/8" GYPSUM WALL BOARD EACH SIDE 6" (6) STEEL STUD FRAMING 3 1/2" SOUND ATTENUATOR, STC-50 (FULLY-FILL SPACE SPACES)

EXTERIOR WALL TYPE	MATERIAL	DESCRIPTION
6SM1		INT EXT AEP SPAN PC-10 METAL PANEL HORIZONTAL SIDING OR EQUAL VERT. SUBGIRT, PER MANUF. HORIZ. Z-GIRT, PER MANUF. 2" RIGID INSULATION, R-10 CONTINUOUS WEATHER-RESISTANT BARRIER (WRB), 0.1 TO 1.0 PERMS REQUIRED PLYWOOD SHEATHING PER STRUCTURAL STEEL GIRT PER STRUCTURAL
6SM2		AEP SPAN PC-10 METAL PANEL HORIZONTAL SIDING OR EQUAL VERT. SUBGIRT, PER MANUF. HORIZ. Z-GIRT, PER MANUF. 2" RIGID INSULATION, R-10 CONTINUOUS WEATHER-RESISTANT BARRIER (WRB), 0.1 TO 1.0 PERMS REQUIRED PLYWOOD SHEATHING PER STRUCTURAL 6" STEEL GIRT PER STRUCTURAL 6" BATT INSULATION, R-24 (FULLY FILL SPACE) VAPOR RETARDER, SHOWN DASHED 5/8" GYPSUM WALL BOARD
6SM3 1-HOUR FIRE-RATED SEPARATION		1/2" CEMENT BOARD (GARAGE SIDE) 2" RIGID INSULATION, R-10 HORIZ. Z-GIRT WEATHER-RESISTANT BARRIER (WRB), 0.1 TO 1.0 PERMS REQUIRED PLYWOOD SHEATHING PER STRUCTURAL 6" METAL STUD FRAMING PER STRUCTURAL 6" BATT INSULATION, R-24 (FULLY FILL SPACE) VAPOR RETARDER, SHOWN DASHED 5/8" GYPSUM WALL BOARD (TYPE X)
4SM1		AEP SPAN PC-10 METAL PANEL HORIZONTAL SIDING OR EQUAL SUBGIRT WEATHER-RESISTANT BARRIER (WRB) PLYWOOD SHEATHING PER STRUCTURAL 4" METAL STUD FRAMING PER SRUCTURAL
C01		FLUID APPLIED CONCRETE WATERPROOFING CAST-IN-PLACE CONCRETE PER PLAN (SEE STRL) REINFORCEMENT PER STRUCTURAL
C02		FLUID APPLIED CONCRETE WATERPROOFING CAST-IN-PLACE RETAINING WALL PER PLAN (SEE STRL) 4" METAL STUD FRAMING 3 1/2" BATT INSULATION, R-11 (FULLY FILL SPACE) VAPOR RETARDER 5/8" GYPSUM WALL BOARD

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No.
DATE AUGUST 2025

6250
REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

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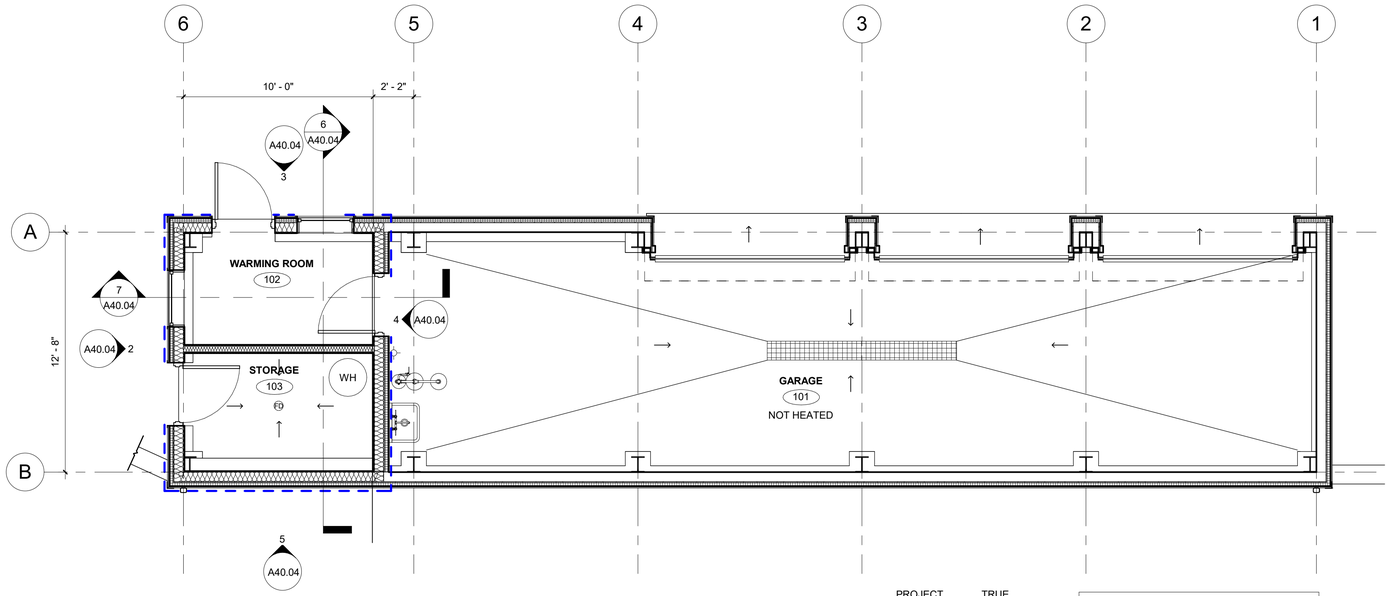
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING ASSEMBLY TYPES

DRAWING NO.
148 OF 239
A40.03



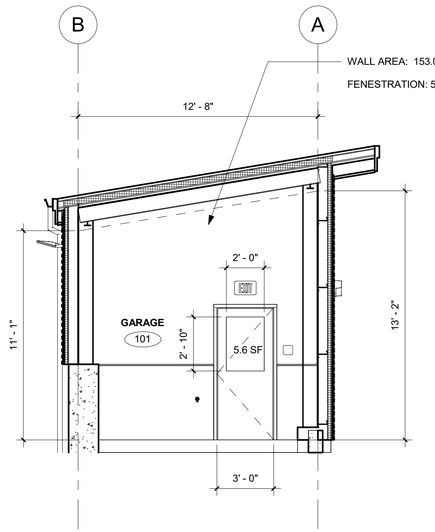
1 FLOOR PLAN
1/4" = 1'-0" @ FULL SIZE

PROJECT NORTH

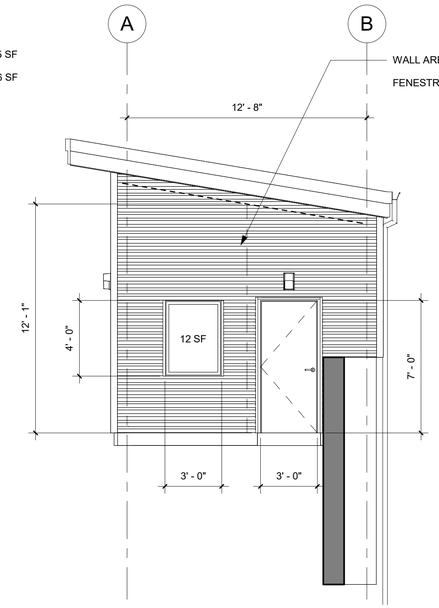
TRUE NORTH

CONTINUOUS AIR BARRIER:
(WARMING ROOM & STORAGE ONLY)

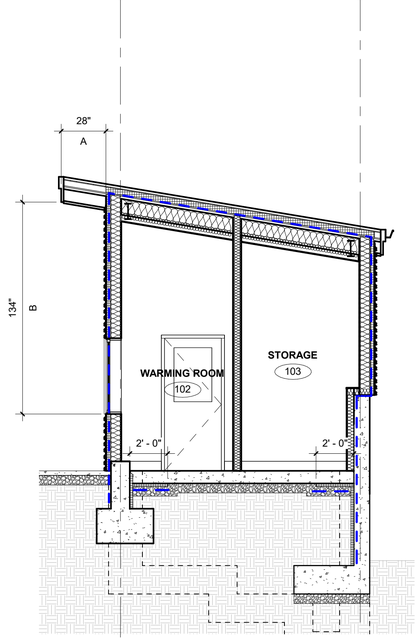
- AT EXTERIOR WALLS AND GARAGE PARTITION BETWEEN SHEATHING AND CONTINUOUS INSULATION, SEALANT AT EXTERIOR JOINT OF FENESTRATION



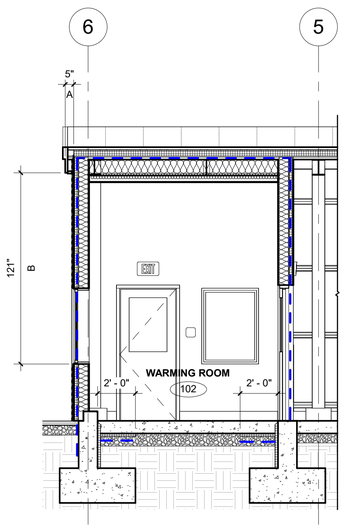
4 ELEVATION - NORTH
1/4" = 1'-0" @ FULL SIZE



2 ELEVATION - SOUTH
1/4" = 1'-0" @ FULL SIZE



6 SECTION E/W
1/4" = 1'-0" @ FULL SIZE



7 SECTION N/S
1/4" = 1'-0" @ FULL SIZE

CONTINUOUS AIR BARRIER:
(WARMING ROOM AND STORAGE ONLY)

- AT ROOF BETWEEN SHEATHING AND CONTINUOUS RIGID INSULATION

-AT EXTERIOR WALL BETWEEN SHEATHING AND CONTINUOUS RIGID INSULATION

- BELOW SLAB BETWEEN CONCRETE AND CONTINUOUS RIGID INSULATION

PERMANENT SHADING DEVICES

WEST ELEVATION:
PF = A / B
= 28" / 134"
= 0.21

SOUTH ELEVATION:
PF = A / B
= 5" / 121"
= 0.04

HEATED SPACE CALCULATIONS:

TOTAL FLOOR AREA = 126.7 SF

TOTAL BUILDING WALL AREA = 548.6 SF

TOTAL FENESTRATION = 35.2 SF

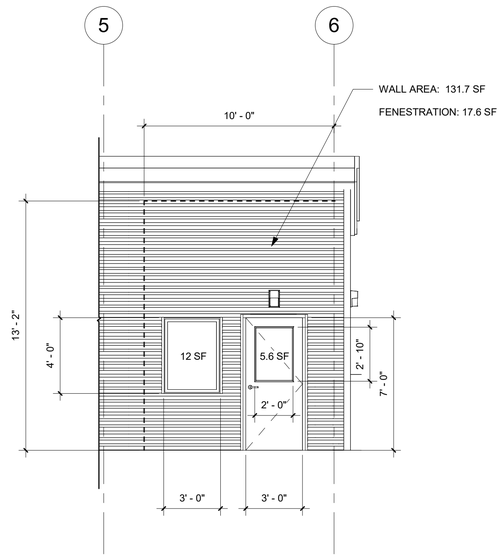
35.2 / 548.6 = 0.0642

FENESTRATION PERCENTAGE = 6.42% < 30%
COMPLIES

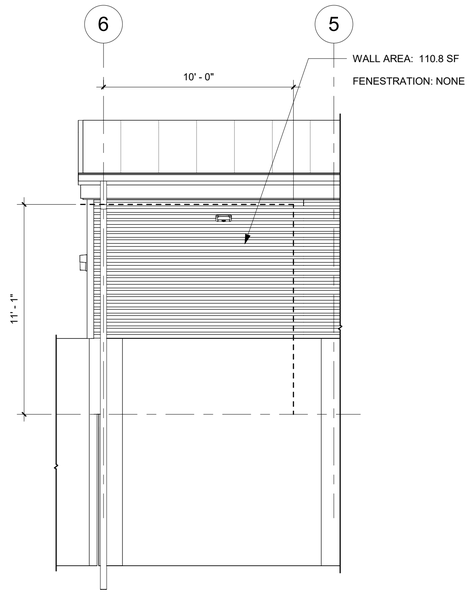
NOTES:

FOR WALL & CEILING TYPES SEE SHEET A40.21
FOR ASSEMBLIES SEE SHEET A40.04

AIR BARRIER/ WRB



3 ELEVATION - WEST
1/4" = 1'-0" @ FULL SIZE



5 ELEVATION - EAST
1/4" = 1'-0" @

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
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FILE NAME
JOB No.
DATE AUGUST 2025

6250
REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

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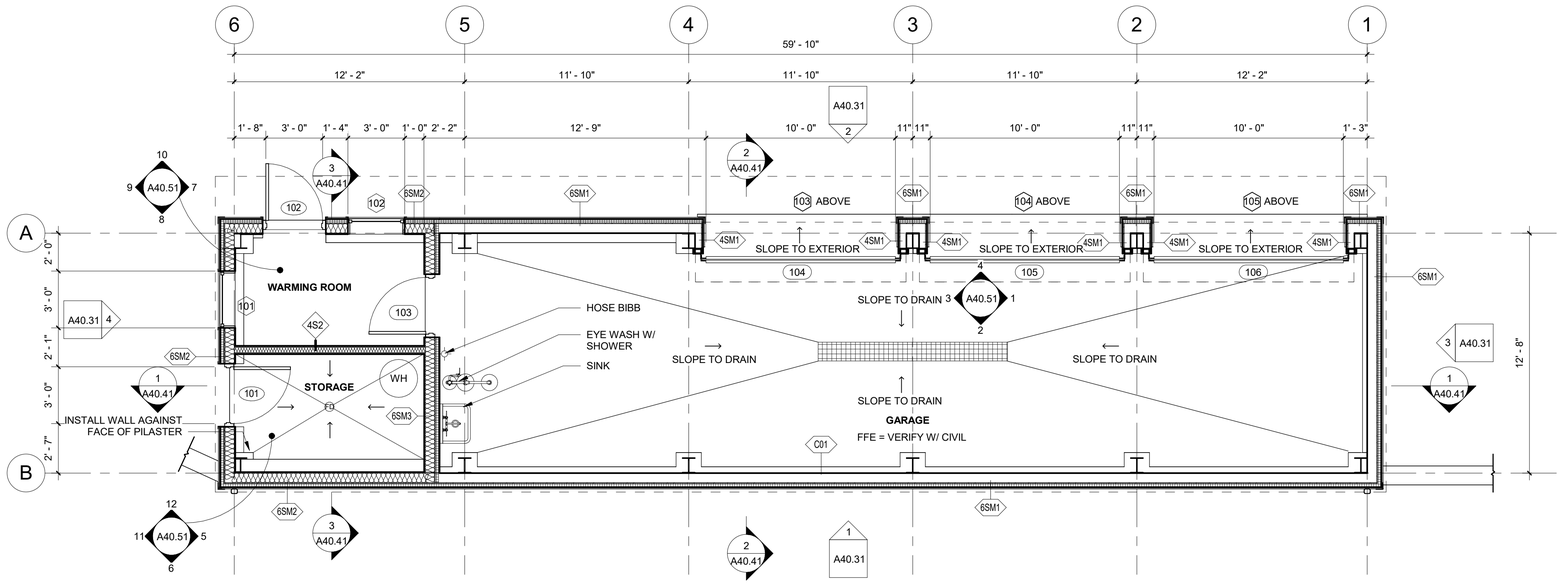
PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING ENERGY CODE COMPLIANCE

DRAWING NO.
149 OF 239

A40.04

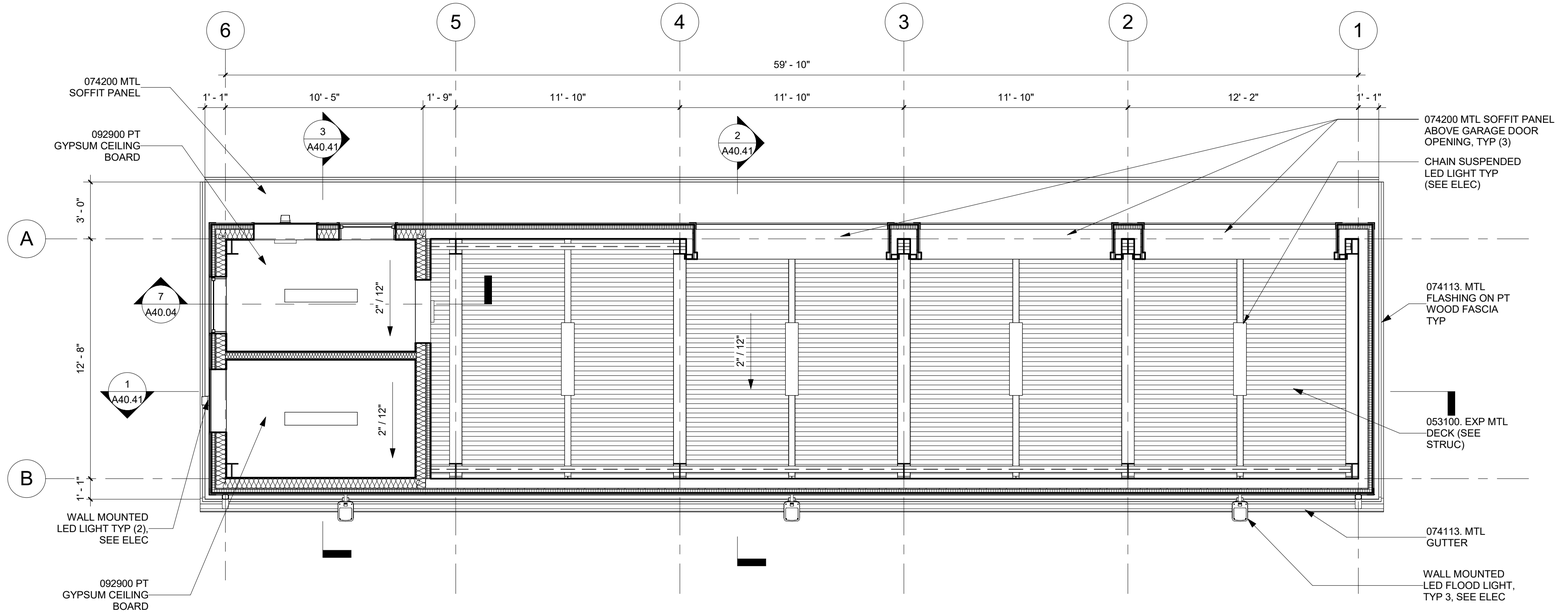


2 FLOOR PLAN

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

PROJECT NORTH TRUE NORTH



1 REFLECTED CEILING PLAN

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

PROJECT NORTH TRUE NORTH

FLOOR PLAN GENERAL NOTES

A. DRAWINGS ARE SHOWN TO SCALE AS NOTED AS AIDS IN DETERMINING SIZE AND PROPORTION. ONLY WRITTEN DESCRIPTIONS AND SIZES SHALL BE UTILIZED FOR CONSTRUCTION. DRAWINGS SHALL NOT BE SCALED.

B. UNLESS NOTED OTHERWISE, DIMENSIONS ON PLANS ARE:
- FACE OF STUD (F.O.S.)
- FACE OF CONCRETE (F.O.C.)
- CENTERLINE OF DOOR AND WINDOW OPENINGS

C. FIXTURES AND EQUIPMENT SHOWN ARE FOR COORDINATION PURPOSES ONLY. REFER TO THE MANUFACTURER'S PRODUCT DATA, ENGINEERING DRAWINGS, AND SPECIFICATIONS FOR FIXTURE AND EQUIPMENT DESCRIPTIONS AND LOCATIONS.

D. PRESERVATION OF ADJACENT OR EXISTING CONSTRUCTION:
- AVOID DAMAGE TO EXISTING STRUCTURES, SIDEWALKS, CURBS, PAVING AND LANDSCAPING.
- PATCH, REPAIR, OR REPLACE ANY ITEMS DAMAGED, OR AS DIRECTED BY THE PROPERTY OWNER.

E. AVOID UNNECESSARY DISRUPTIONS TO THE FUNCTIONS AND ACTIVITIES OF ADJACENT BUILDINGS.

F. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES OR CONFLICTING DATA TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING WORK.

G. UNLESS NOTED OTHERWISE, INSTALL DOORS WITH 4" FROM HINGE SIDE OF DOOR TO ADJACENT WALL FRAMING.

H. CONTRACTOR TO VERIFY SIZES OF ROUGH DOOR AND WINDOW OPENINGS PRIOR TO ORDERING DOORS AND WINDOWS.

I. GENERAL CONTRACTOR TO COORDINATE FFE WITH CIVIL DRAWINGS.

J. PROVIDE A MINIMUM FLOOR SLOPE OF 1/4" PER FOOT (2%) IN THE DIRECTION SHOWN ON THE PLAN

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN LCG
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No.
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
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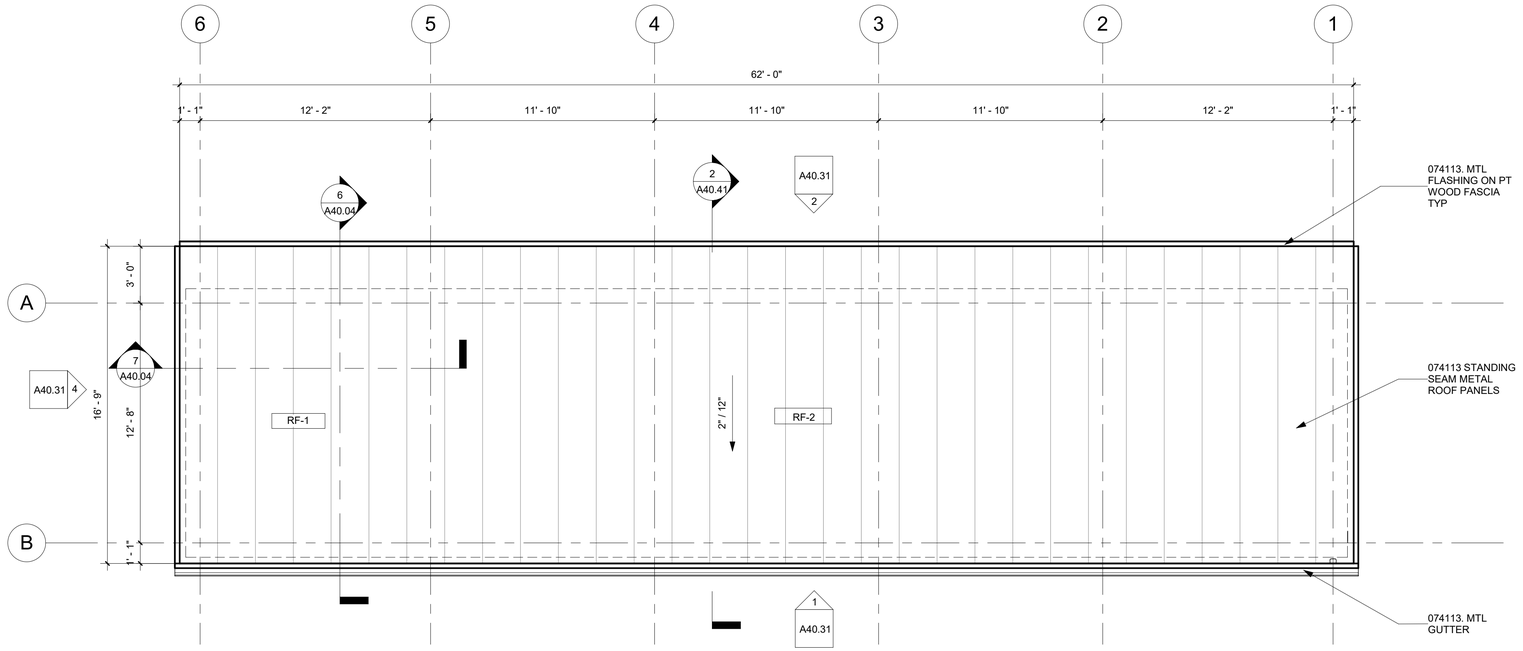
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING FLOOR PLAN, REFLECTED CEILING PLAN

DRAWING NO.
150 OF 239

A40.21



1 ROOF PLAN

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No.

DATE AUGUST 2025

6250
REGISTERED ARCHITECT
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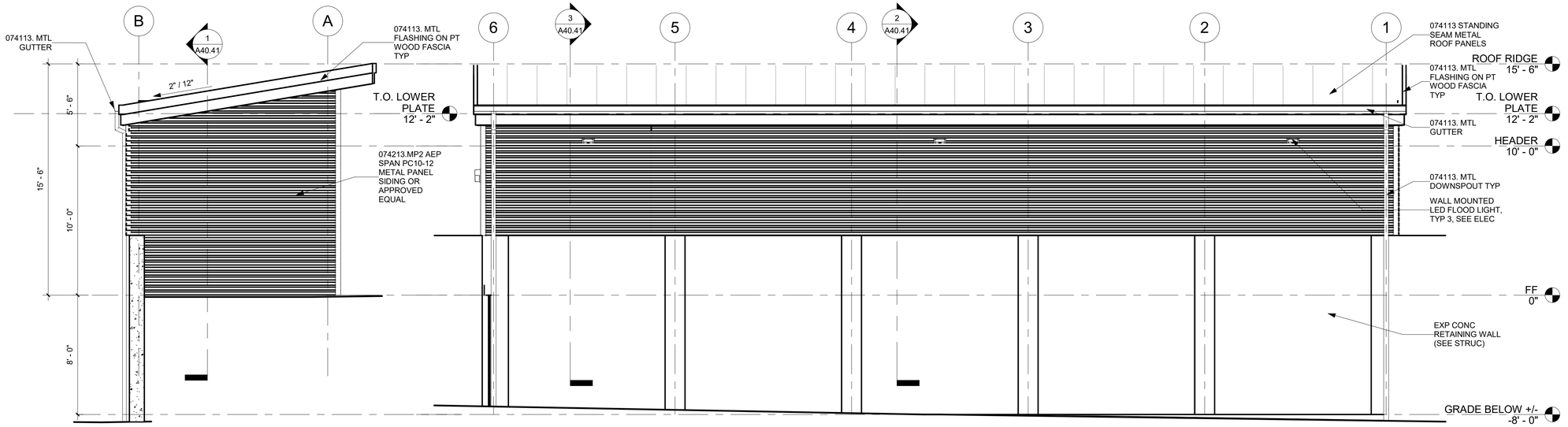
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING ROOF PLAN

DRAWING NO.
151 OF 239

A40.22



3 NORTH ELEVATION

1/4" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

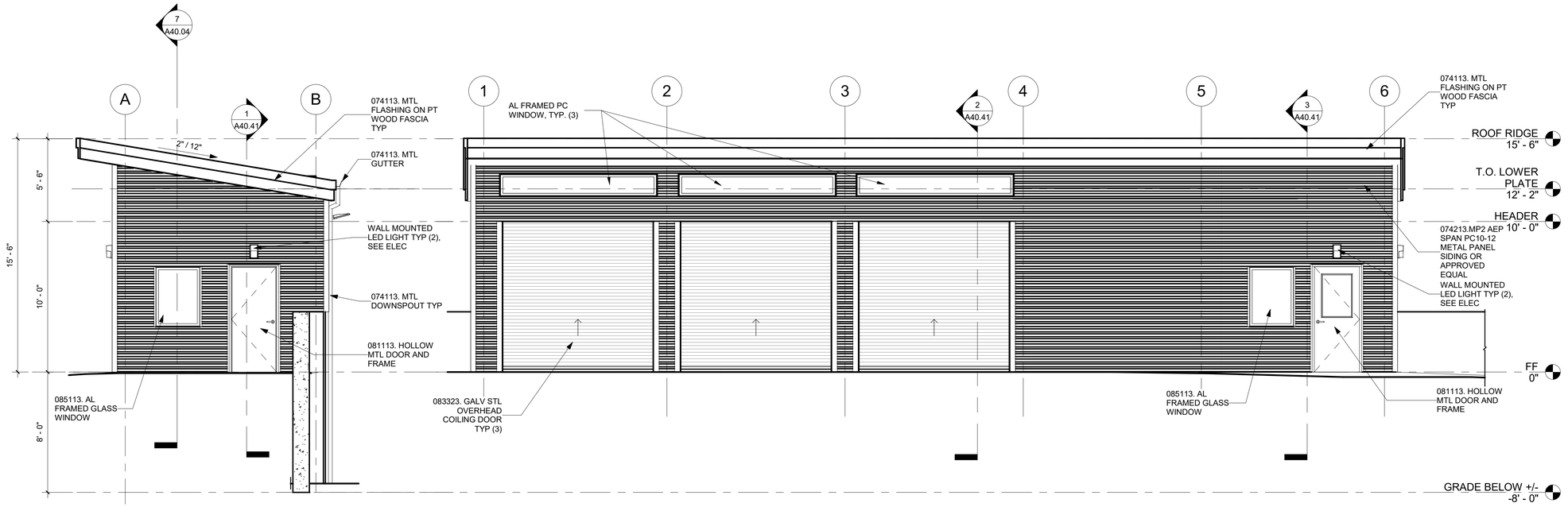
1 EAST ELEVATION

1/4" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

EXTERIOR ELEVATION NOTES

1. SEE RCP'S FOR ADDITIONAL INFORMATION ON MATERIAL AND FINISH LOCATIONS.
2. SEE BUILDING SECTIONS FOR WALL HEIGHTS NOT SHOWN ON THIS SHEET.
3. GENERAL CONTRACTOR TO COORDINATE FFE WITH CIVIL DRAWINGS.



4 SOUTH ELEVATION

1/4" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

2 WEST ELEVATION

1/4" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN LCG
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No.

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
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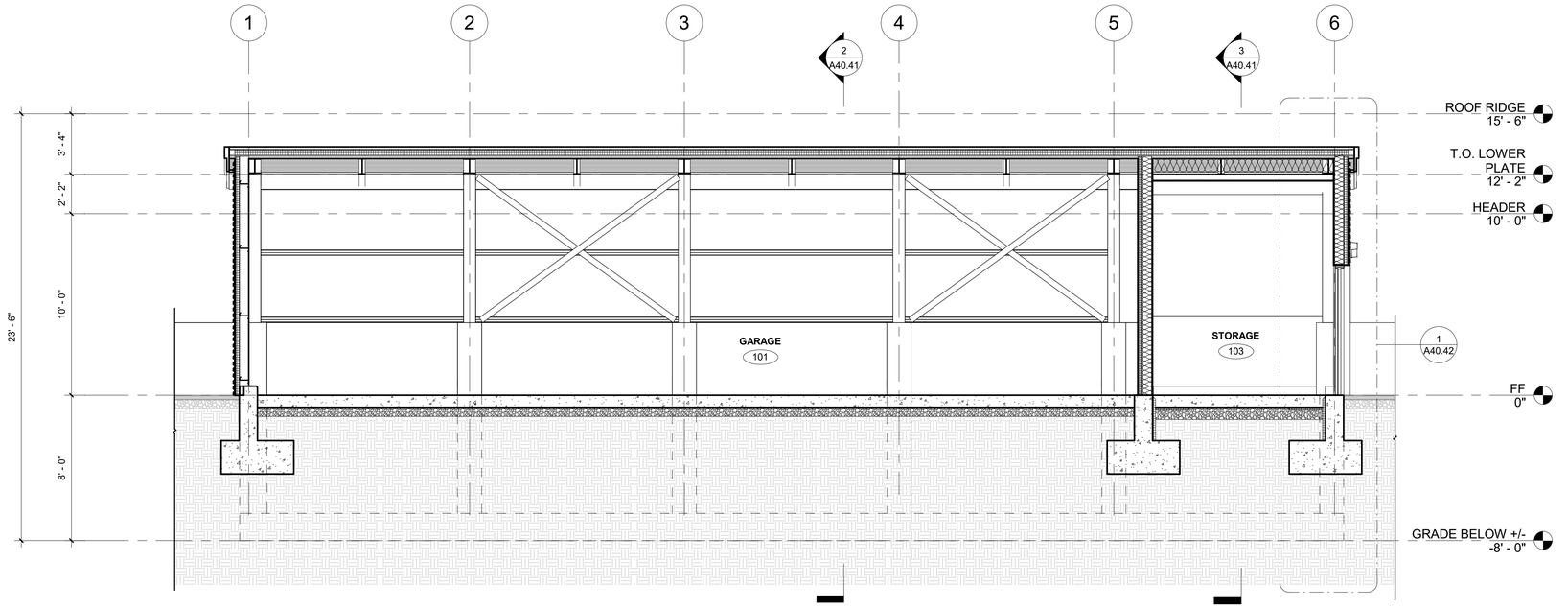
PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING EXTERIOR ELEVATIONS

DRAWING NO. 152 OF 239

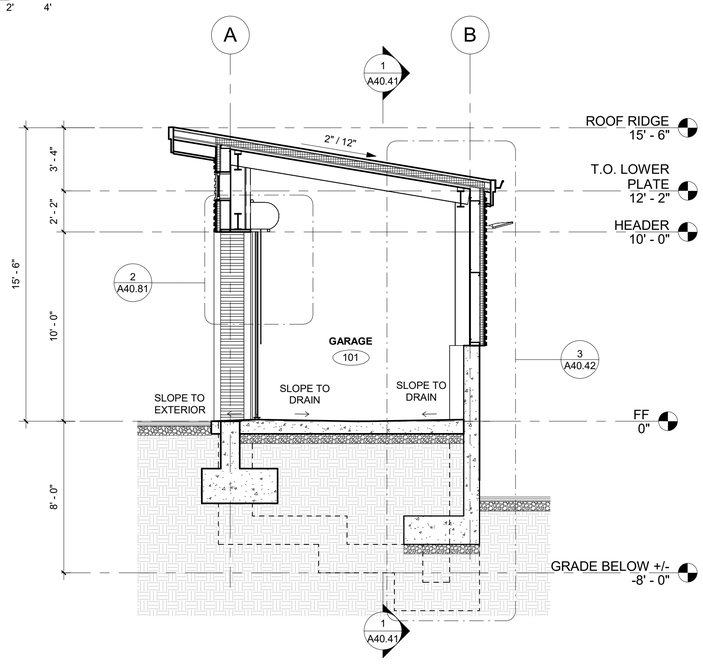
A40.31



1 BLDG SECTION - N-S

1/4" = 1'-0" @ FULL SIZE

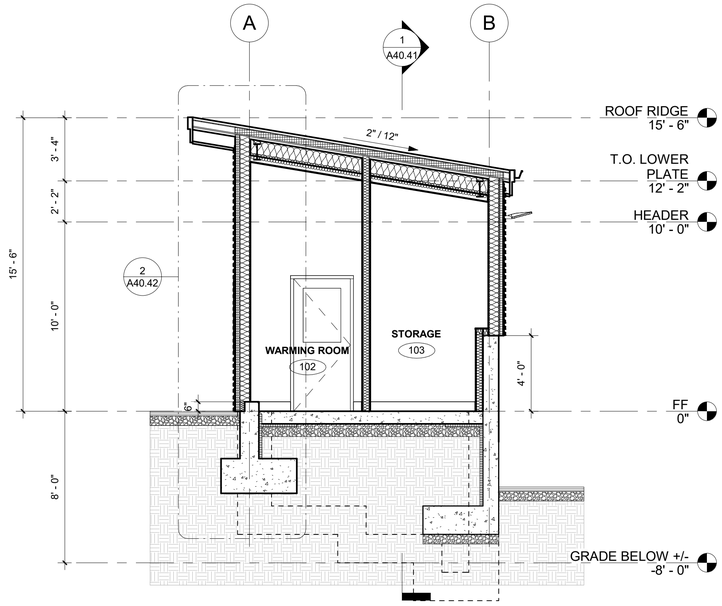
0' 1' 2' 4'



2 BLDG SECTION - GARAGE

1/4" = 1'-0" @ FULL SIZE

0' 2' 4' 8'



3 BLDG SECTION - WARMING ROOM

1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN LCG
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME

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DATE AUGUST 2025

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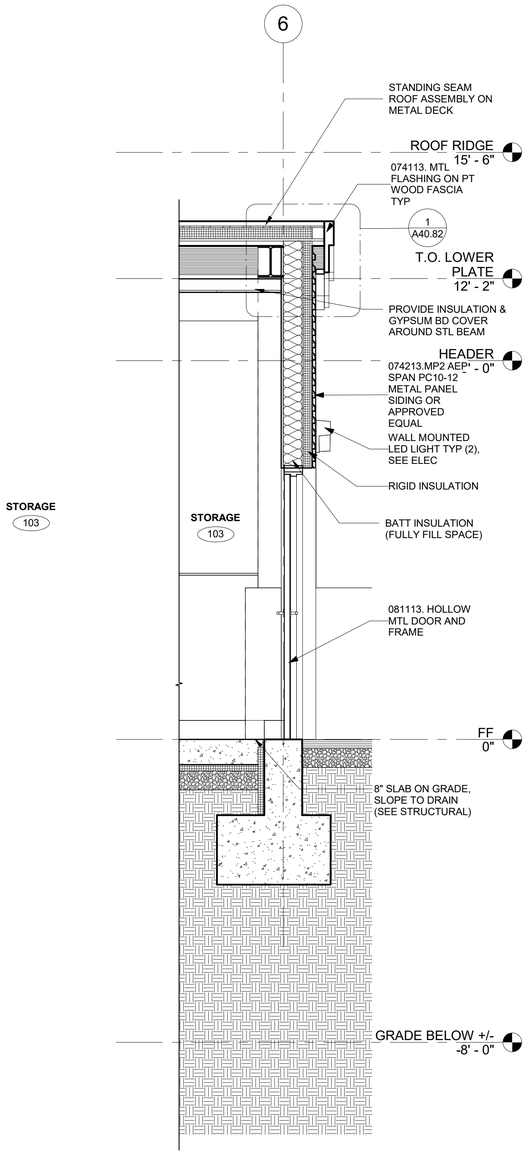
PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

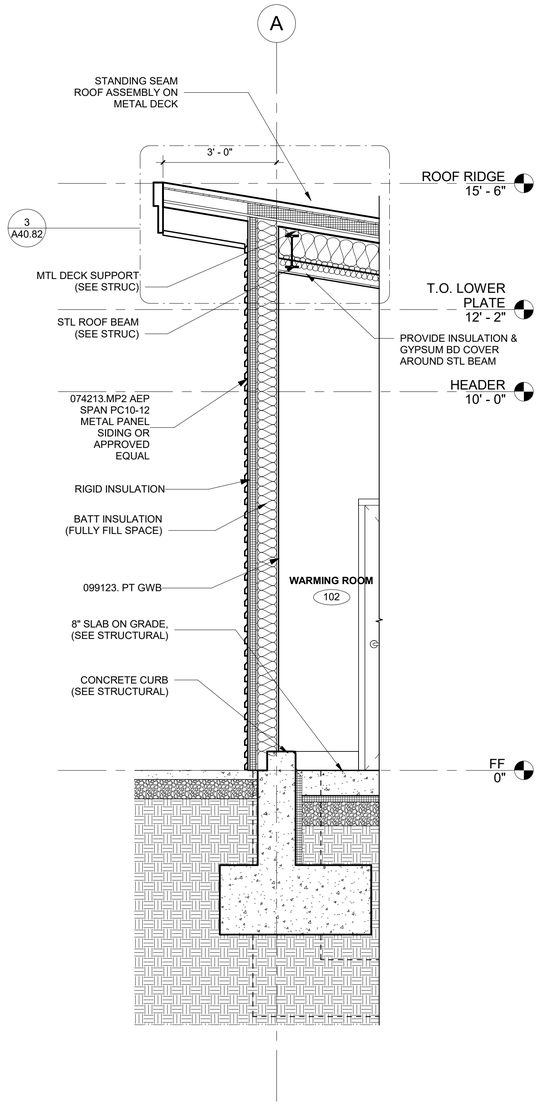
LHHW BUILDING BUILDING SECTIONS

DRAWING NO.
153 OF 239

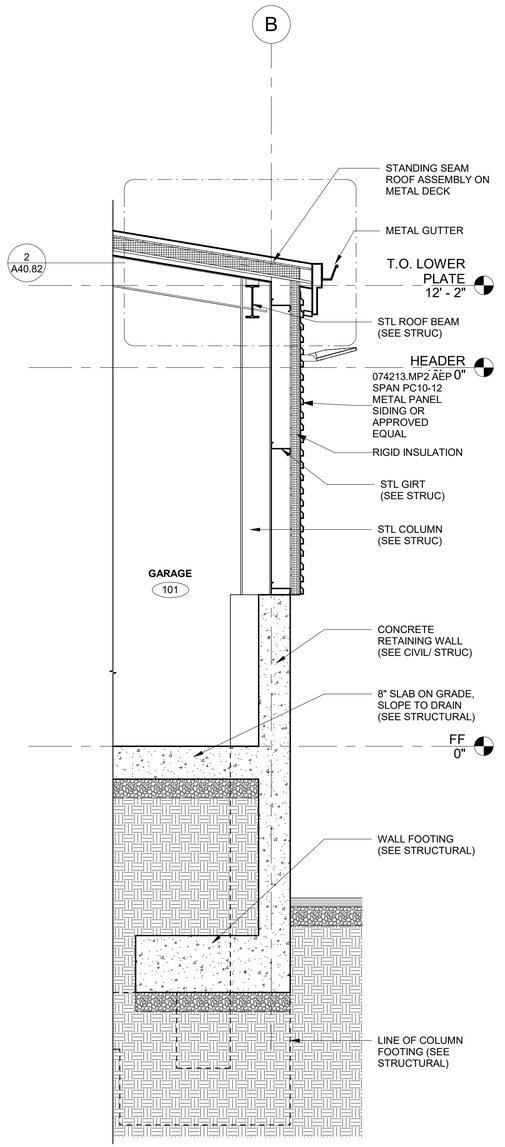
A40.41



1 WALL SECTION - STORAGE
1/2" = 1'-0" @ FULL SIZE



2 WALL SECTION - WARMING ROOM
1/2" = 1'-0" @ FULL SIZE



3 WALL SECTION - GARAGE
1/2" = 1'-0" @ FULL SIZE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: LCG
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No.
DATE: AUGUST 2025

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STATE OF WASHINGTON

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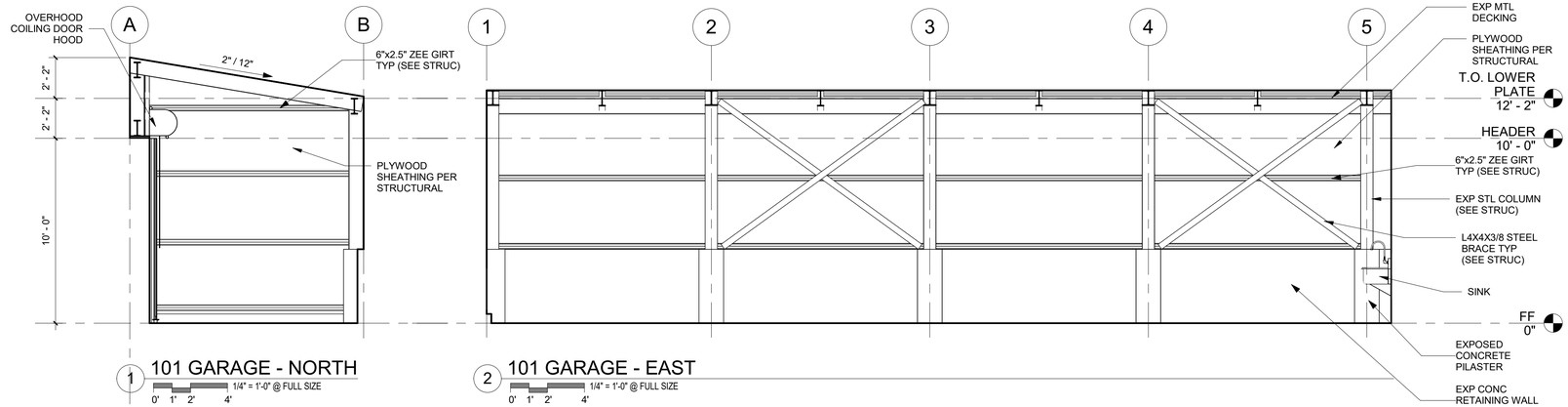
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING WALL SECTIONS

DRAWING NO.
154 OF 239
A40.42

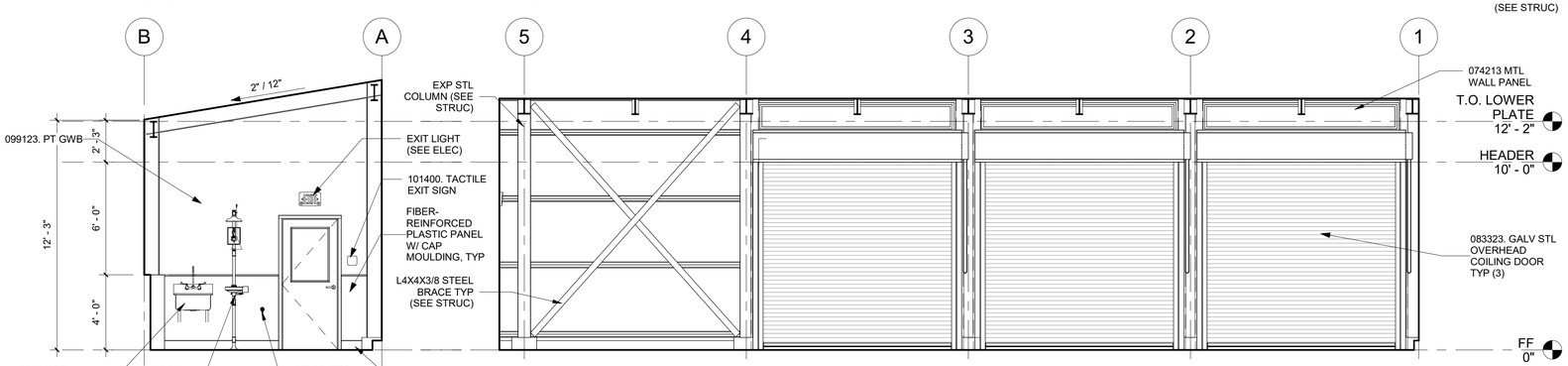
ROOM FINISH SCHEDULE

ROOM		FLOOR			WALLS								CEILING		
					NORTH		EAST		SOUTH		WEST				
NUMBER	NAME	MATERIAL	FINISH	BASE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	NOTES
101	GARAGE	CONC	POLISHED	FRP W/ RESILIENT BASE 6" (SOUTH SIDE ONLY)	EXP PLYWOOD SHEATHING	-	EXP PLYWOOD SHEATHING	-	CEMENT BD	PT	EXP PLYWOOD SHEATHING	-	EXP MTL DECK		
102	WARMING ROOM	CONC	POLISHED	RESILIENT BASE 6"/ PT CONC CURB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	EXP MTL DECK		
103	STORAGE	CONC	POLISHED	RESILIENT BASE 6"/PT CONC CURB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	EXP MTL DECK		



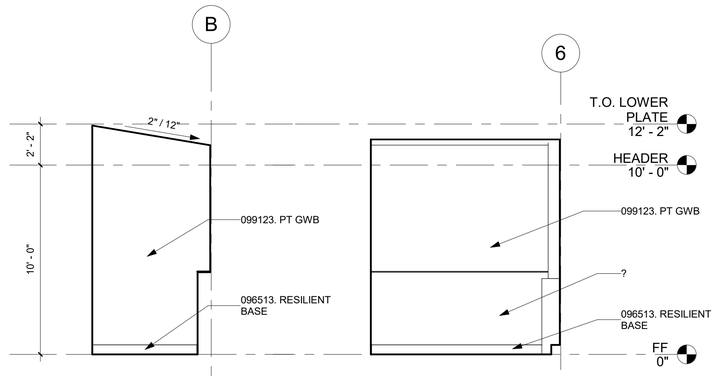
1 101 GARAGE - NORTH
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

2 101 GARAGE - EAST
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



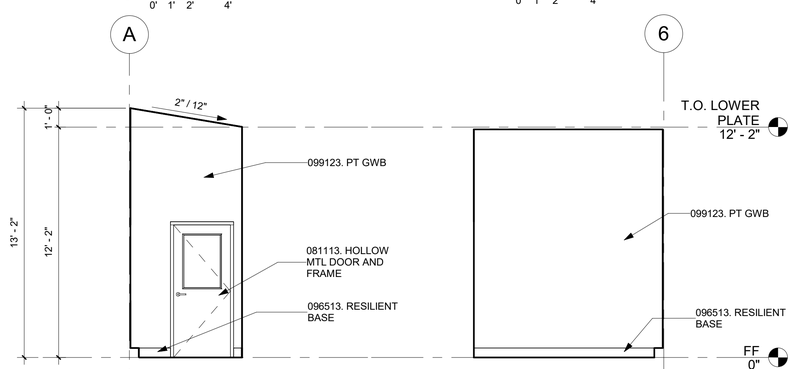
3 101 GARAGE - SOUTH
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

4 101 GARAGE - WEST
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



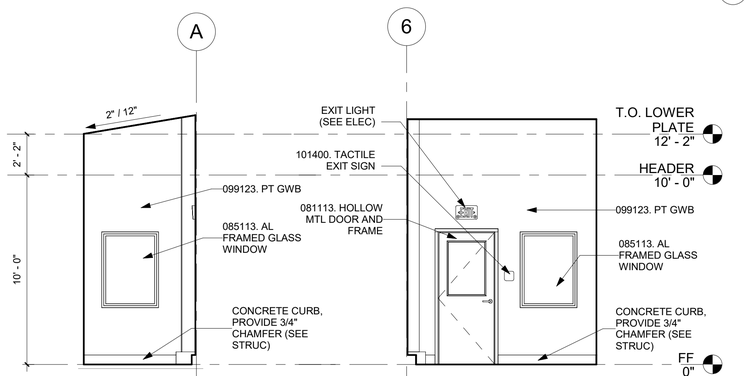
5 103 STORAGE - NORTH
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

6 103 STORAGE - EAST
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



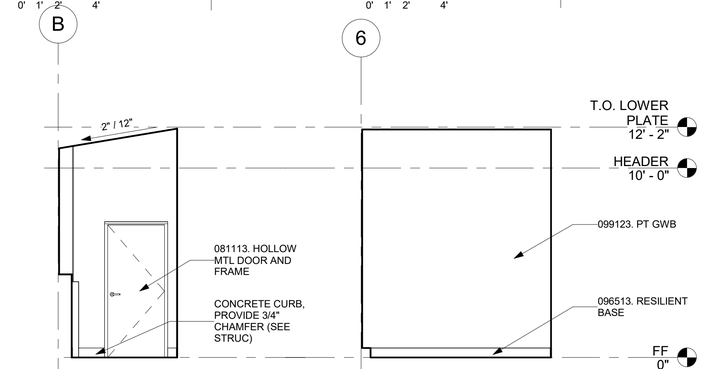
7 102 WARMING RM. - NORTH
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

8 102 WARMING ROOM - EAST
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



9 102 WARMING ROOM - SOUTH
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

10 102 WARMING ROOM - WEST
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



11 103 STORAGE - SOUTH
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

12 103 STORAGE - WEST
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No.
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
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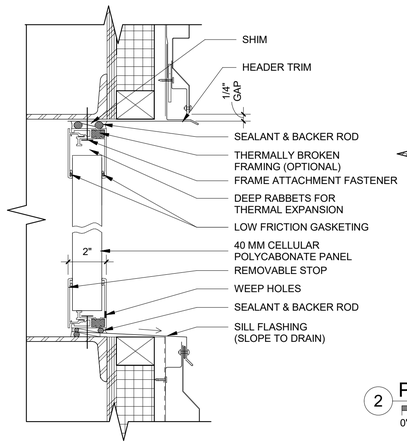
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING INTERIOR ELEVATIONS

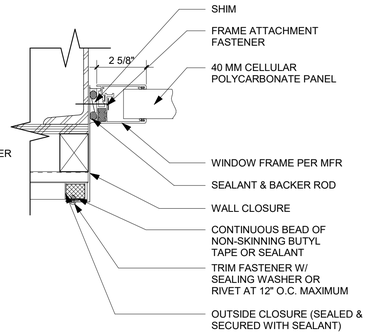
DRAWING NO.
155 OF 239
A40.51



1 POLYCARBONATE WINDOW HEADER/SILL

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"



2 POLYCARBONATE WINDOW JAMB

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"

DOOR SCHEDULE

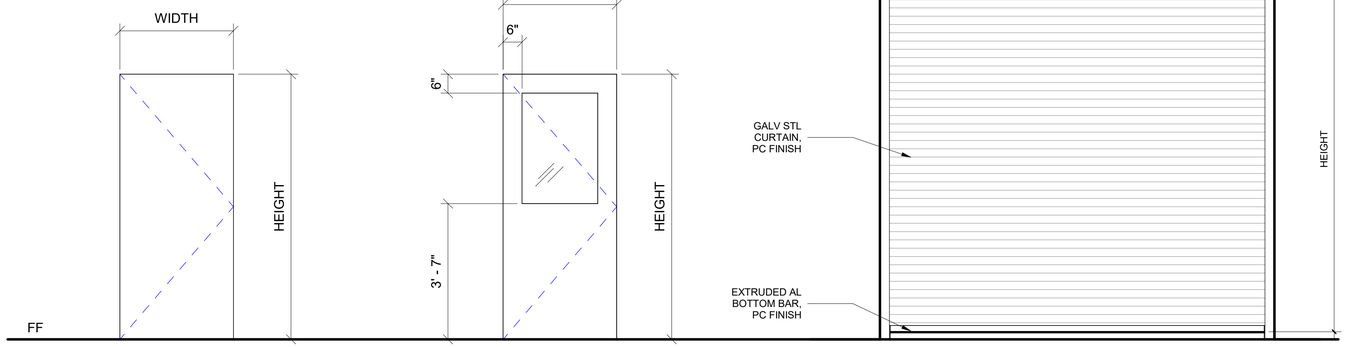
	DOOR				DOOR PANEL				DOOR FRAME					
MARK	WIDTH	HEIGHT	THICKNESS	FIRE RATING	TYPE	MATERIAL	FINISH	Glass Type	TYPE	MATERIAL	FINISH	HARDWARE	COMMENTS
FF														
101	3' - 0"	7' - 0"	1 3/4"		A	HM	PT		A	HM	PT	SS	
102	3' - 0"	7' - 0"	1 3/4"		B	HM	PT	IT	A	HM	PT	SS	
103	3' - 0"	7' - 0"	1 3/4"		B	HM	PT	IT	A	HM	PT	SS	
104	10' - 0"	10' - 0"	PER MFR.		C	GS	PC			STS		PER MFR.	W/ GALV STL COIL HOOD & MANUAL CONTROLGARD CHAIN HOIST
105	10' - 0"	10' - 0"	PER MFR.		C	GS	PC			STS		PER MFR.	W/ GALV STL COIL HOOD & MANUAL CONTROLGARD CHAIN HOIST
106	10' - 0"	10' - 0"	PER MFR.		C	GS	PC			STS		PER MFR.	W/ GALV STL COIL HOOD & MANUAL CONTROLGARD CHAIN HOIST

DOOR NOTES:
1. CURTAIN SLATS OF OVERHEAD COILING DOOR SHALL BE GALVANIZED STEEL, NO.5, GRADE 40 STEEL ASTM A 653 GALVANIZED STEEL ZINC COATING, MINIMUM GA 22
2. PROVIDE THE FOLLOWING WEATHERSTRIPPING FOR THE OVERHEAD COILING DOORS:
- BOTTOM BAR: REPLACEABLE, BULB-STYLE, COMPRESSIBLE EDPM GASKET EXTENDING INTO GUIDES
- GUIDES: VINYL STRIP SEALING AGAINST FASCIA SIDE OF CURTAIN
- HOOD: NEOPRENE/RAYON BAFFLE TO IMPEDE AIR FLOW ABOVE COIL
- LINTEL SEAL: NYLON BRUSH SEAL FITTED AT DOOR HEADER TO IMPEDE AIR FLOW

GLAZING NOTES:
ALL INSULATED GLASS UNITS MUST MEET THE FOLLOWING RATINGS:
U-FACTOR= 0.36 MAX.
SHGC= 0.38 MAX.
VT= 0.6

DOOR & WINDOW MATERIAL & FINISH LEGEND

MATERIAL KEY	
AL	ALUMINUM
GS	GALVANIZED STEEL
HM	HOLLOW METAL
STS	STRUCTURAL STEEL
SS	STAINLESS STEEL
I	INSULATED
T	TEMPERED
FINISH KEY	
PC	POWDER COATED
PT	PAINTED



3 DOOR TYPES

1/2" = 1'-0" @ FULL SIZE

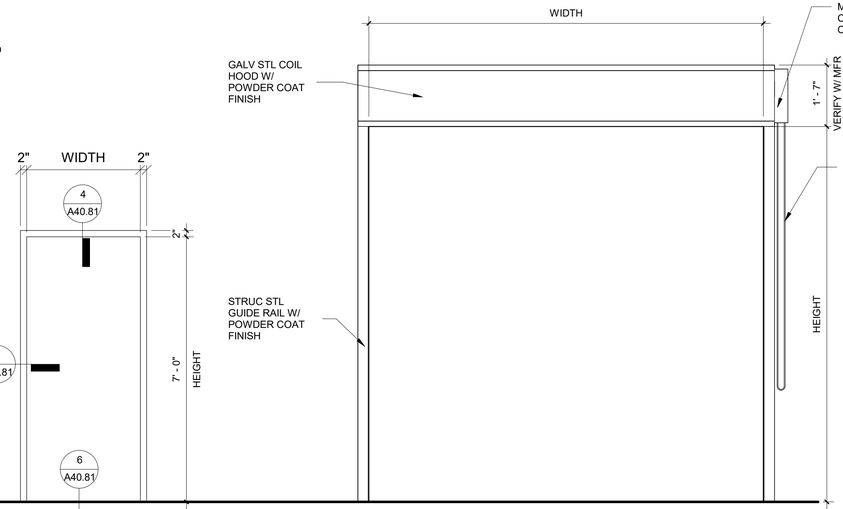
0' 6" 1' 2'

WINDOW SCHEDULE

Mark	Window Type	Description	Frame Material	Glazing	Width	Height	Sill Height	Head Height	Comments
101	A	FIXED	AL, MFR ANOD	IT	3' - 0"	4' - 0"	3' - 0"	7' - 0"	
102	A	FIXED	AL, MFR ANOD	IT	3' - 0"	4' - 0"	3' - 0"	7' - 0"	
103	B	FIXED	AL, MFR ANOD	PC	10' - 6"	1' - 6"	11' - 8"	13' - 2"	
104	B	FIXED	AL, MFR ANOD	PC	10' - 6"	1' - 6"	11' - 8"	13' - 2"	
105	B	FIXED	AL, MFR ANOD	PC	10' - 6"	1' - 6"	11' - 8"	13' - 2"	

GLASS WINDOW NOTES:
ALL INSULATED GLASS UNITS MUST MEET THE FOLLOWING RATINGS:
U-FACTOR= 0.36 MAX.
SHGC= 0.38 MAX.
VT= 0.6

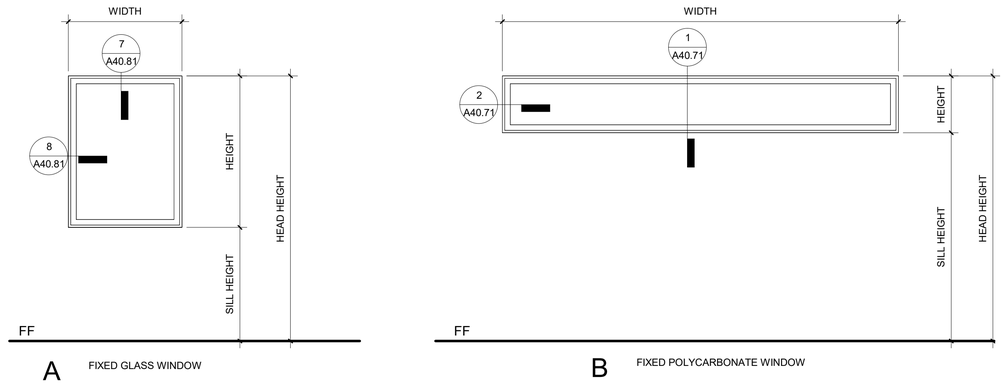
FENESTRATION PRODUCTS SHALL BE LABELED WITH NFRC U-FACTORS, SHGC, VT AND LEAKAGE RATING, OR IF PRODUCTS DO NOT HAVE NFRC RATING, INDICATE APPLICABLE WSEC CHAPTER 3 DEFAULT VALUES



4 FRAME TYPES

1/2" = 1'-0" @ FULL SIZE

0' 6" 1' 2'



5 WINDOW TYPES

1/2" = 1'-0" @ FULL SIZE

0' 6" 1' 2'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: LGC
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No.

DATE: AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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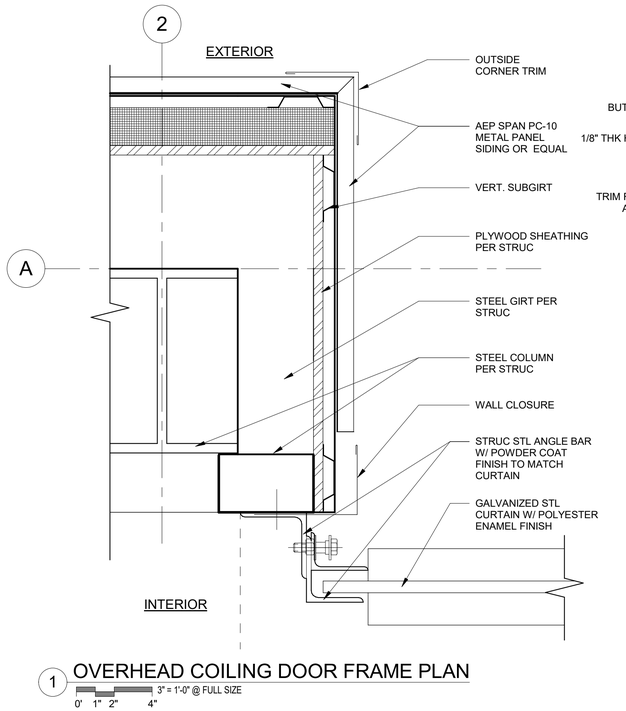
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING DOOR & WINDOW TYPES AND SCHEDULE

DRAWING NO.
156 OF 239

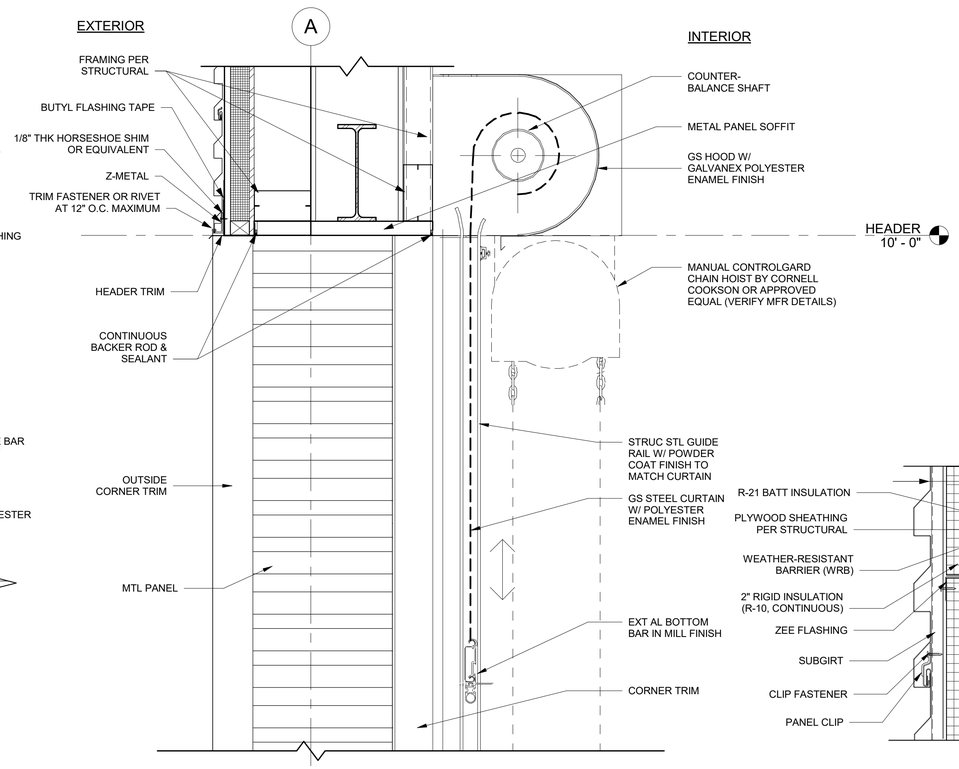
A40.71



1 OVERHEAD COILING DOOR FRAME PLAN

3" = 1'-0" @ FULL SIZE

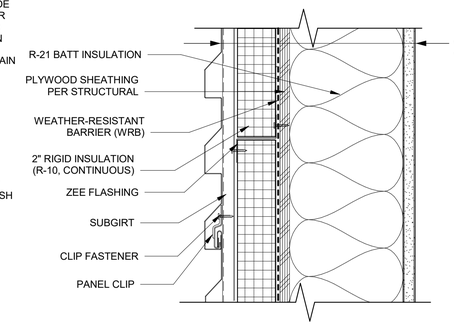
0' 1" 2" 4"



2 OVERHEAD COILING DOOR SECTION

1 1/2" = 1'-0" @ FULL SIZE

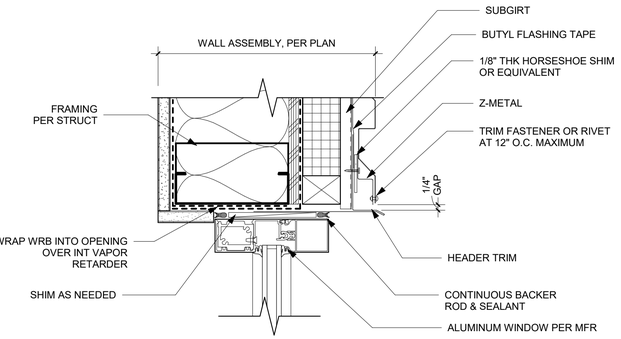
0' 2" 4" 8"



3 RIGID INSULATION DETAIL

3" = 1'-0" @ FULL SIZE

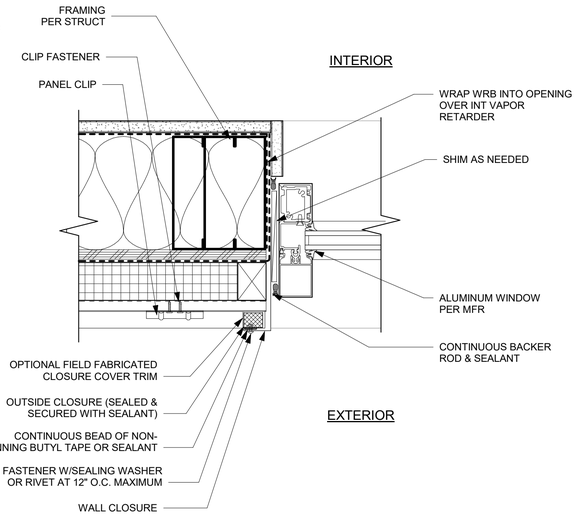
0' 1" 2" 4"



7 ALUMINUM WINDOW HEAD

3" = 1'-0" @ FULL SIZE

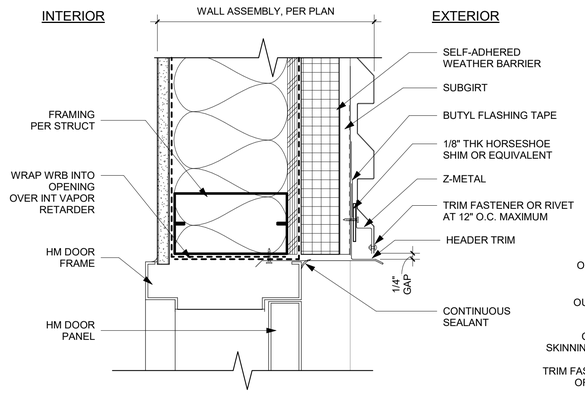
0' 1" 2" 4"



8 ALUMINUM WINDOW JAMB

3" = 1'-0" @ FULL SIZE

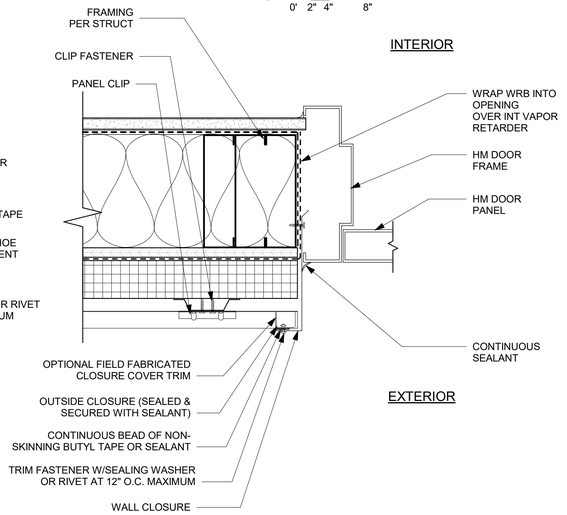
0' 1" 2" 4"



4 HM DOOR HEAD

3" = 1'-0" @ FULL SIZE

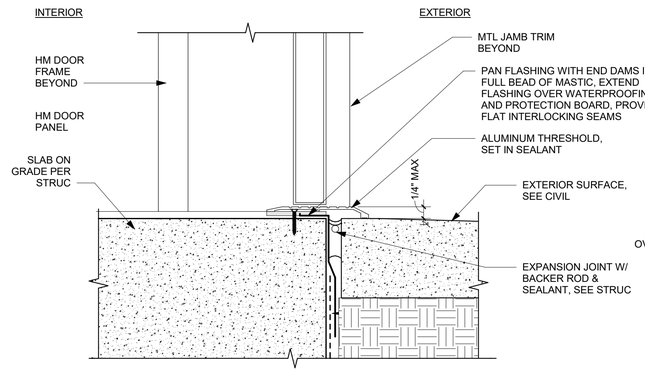
0' 1" 2" 4"



5 HM DOOR JAMB

3" = 1'-0" @ FULL SIZE

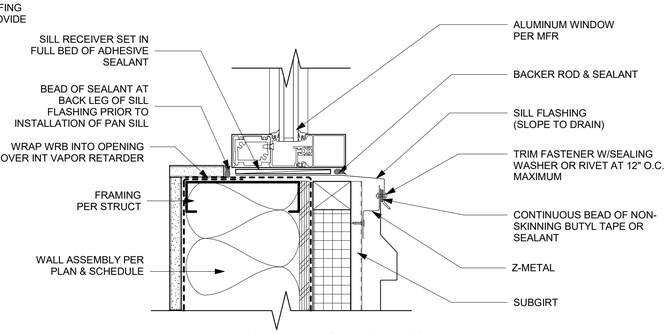
0' 1" 2" 4"



6 HM DOOR THRESHOLD

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"



9 ALUMINUM WINDOW SILL

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN LCG
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No.

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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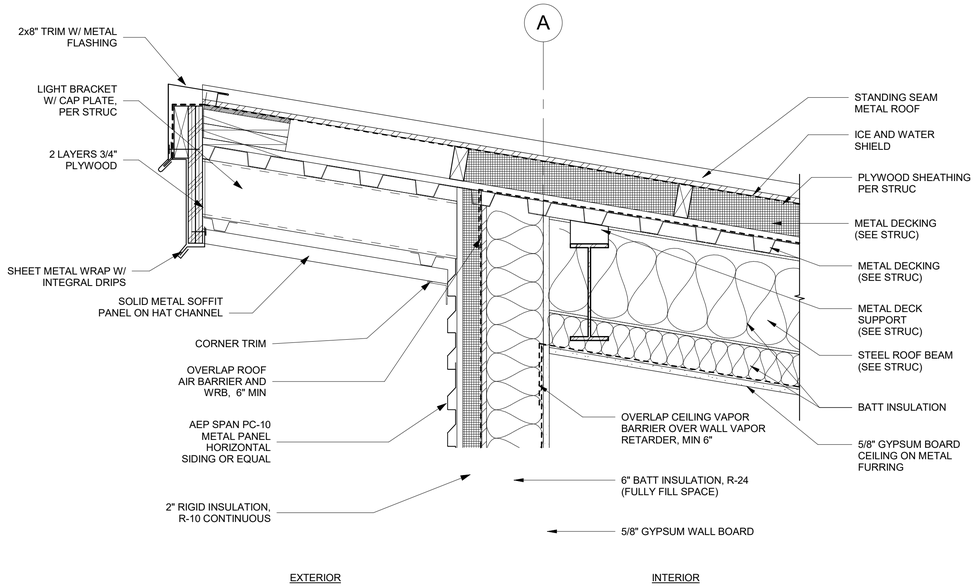
PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

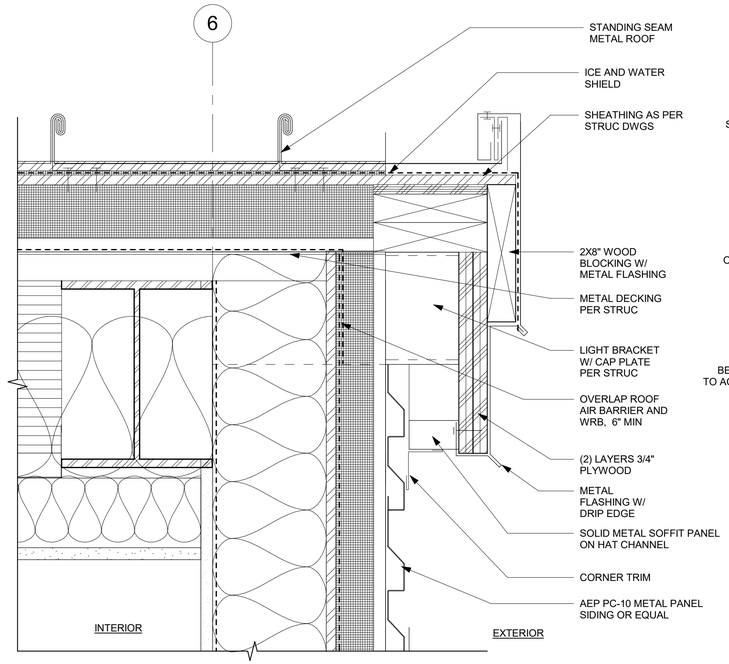
LHHW BUILDING DETAILS

DRAWING NO.
157 OF 239

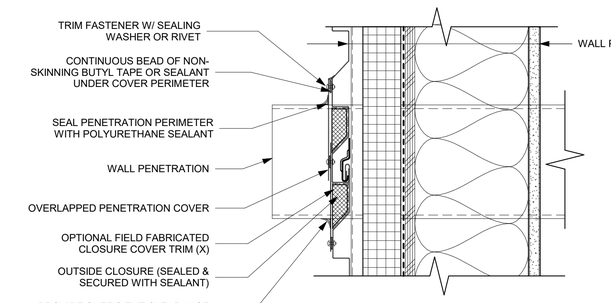
A40.81



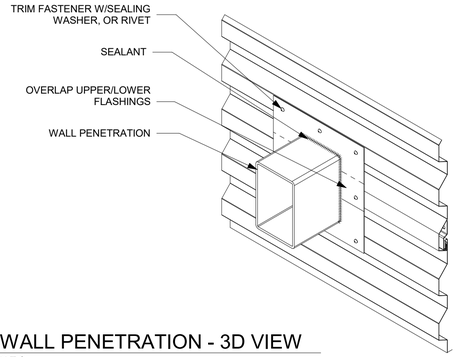
3 HIGH EAVE DETAIL
1 1/2" = 1'-0" @ FULL SIZE



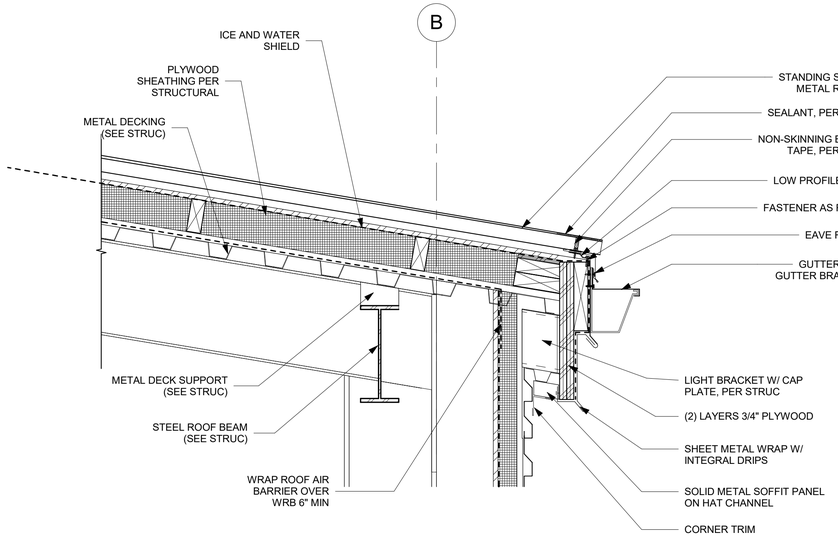
1 ROOF RAKE DETAIL
3" = 1'-0" @ FULL SIZE



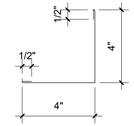
7 WALL PENETRATION - SECTION
3" = 1'-0" @ FULL SIZE
0" 1" 2" 4"



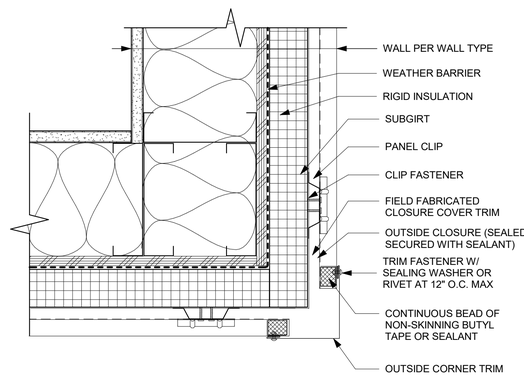
6 WALL PENETRATION - 3D VIEW
N.T.S.



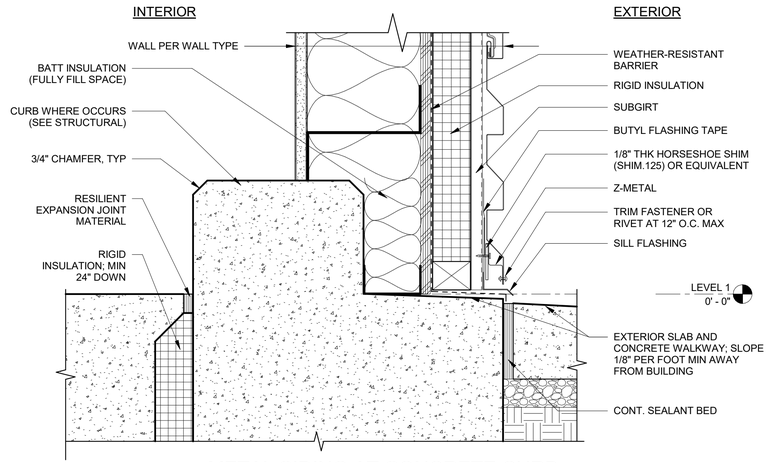
2 GUTTER EDGE DETAIL
1 1/2" = 1'-0" @ FULL SIZE
0' 2" 4" 8"



OUTSIDE CORNER TRIM



5 METAL PANEL - OUTSIDE CORNER
3" = 1'-0" @ FULL SIZE
0' 1" 2" 4"



4 METAL SIDING AT CONCRETE CURB
3" = 1'-0" @ FULL SIZE
0' 1" 2" 4"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: LCG
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No.
DATE: AUGUST 2025

6250 REGISTERED ARCHITECT
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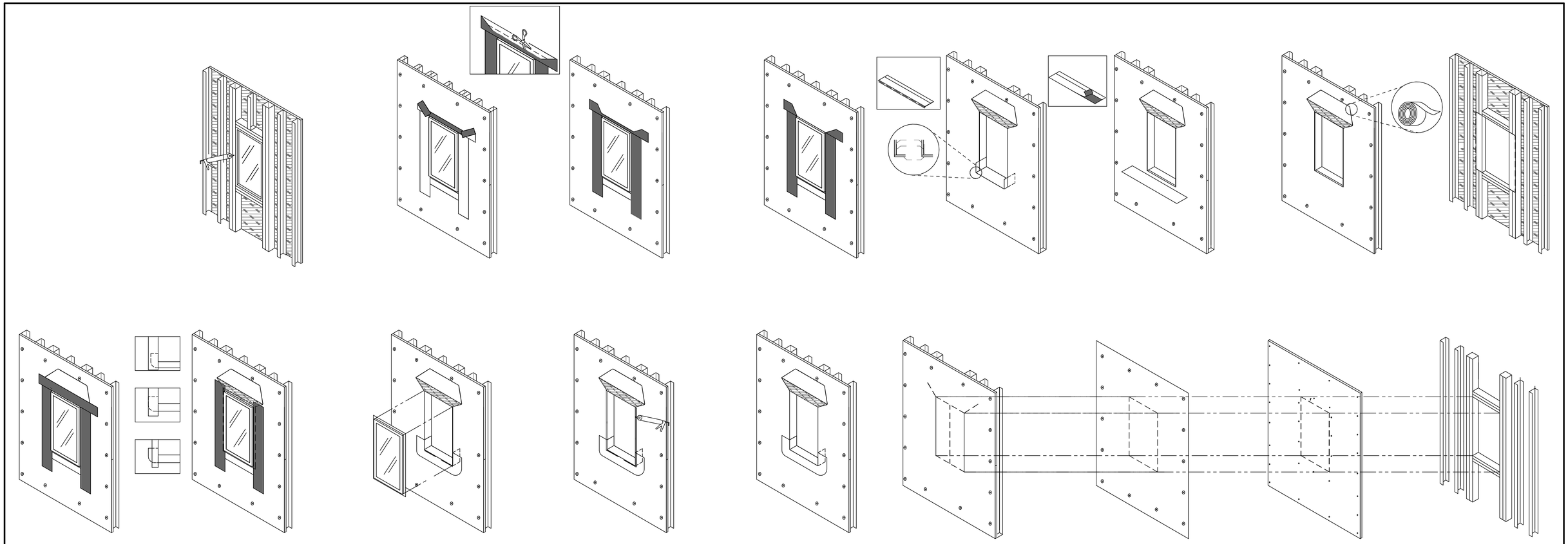
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING DETAILS

DRAWING NO.
158 OF 239
A40.82



1 TYPICAL SEQUENCING OF THE WRB AROUND OPENING AT EXTERIOR WALLS
1/4" = 1'-0" @ FULL SIZE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No.
DATE AUGUST 2025

6250
REGISTERED ARCHITECT
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING DETAILS

DRAWING NO.
159 OF 239
A40.83

BUILDING CODE ANALYSIS SUMMARY

GENERAL BUILDING CODE INFO

PROJECT DESCRIPTION: AN OPERATOR / ATTENDANT BUILDING WITH OFFICE AND BREAK AREA. THE BUILDING FUNCTIONS AS THE PRIMARY SITE ACCESS POINT.

BUILDING JURISDICTION: SILVERDALE, WASHINGTON (KITSAP COUNTY)

APPLICABLE CODES:
2018 WASHINGTON STATE BUILDING CODE (WSBC)
ADOPTS IBC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE MECHANICAL CODE (WSMC)
ADOPTS IMC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE PLUMBING CODE (WSPC)
ADOPTS UPC 2018 WITH AMENDMENTS
NATIONAL ELECTRICAL CODE 2020 OF WASHINGTON
ADOPTS NFPA 70, 2020 WITH AMENDMENTS
2018 WASHINGTON STATE ENRGY CODE - COMMERCIAL PROVISIONS
ADOPTS IECC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE EXISTING BUILDING CODE (WSEBC)
ADOPTS IEBC 2018 WITH AMENDMENTS
2018 WASHINGTON STATE FIRE CODE (WSFC)
ADOPTS IFC 2018 WITH AMENDMENTS
ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2009 OF WASHINGTON
ADOPTS ANSI ICC A117.1-2009

DESIGN CRITERIA:

SNOW LOAD:	25 PSF (VERIFY)
WIND EXPOSURE:	C (VERIFY)
SEISMIC SITE CLASS:	D (VERIFY)
DESIGN CATEGORY:	D (VERIFY)
RISK CATEGORY:	II (VERIFY)
CLIMATE ZONE:	5B (VERIFY)

BUILDING INFORMATION:
CONSTRUCTION TYPE (SEC. 602) **TYPE II-B**

FIRE SPRINKLERS (WSBC SECT 903.2): NO

OCCUPANCY CLASSIFICATION (WSBC CHAPTER 3)

STORAGE = **GROUP S-1 (MODERATE-HAZARD STORAGE)**

GENERAL BUILDING HEIGHTS AND AREAS (WSBC CHAPTER 5)

ALLOWABLE BUILDING HEIGHTS AND AREAS (TABLES 504.3, 504.4 & 506.2)

GROUP	TYPE OF CONST.	II-B (ALLOWED)	II-B (ACTUAL)
S-1 NON-SPRINKLERED	HEIGHT	55'-0"	11'-5" - COMPLIES
	STORIES	2	1 - COMPLIES
	AREA	17,500 SF	26 SF COMPLIES

ALLOWABLE AREA PER SECTION 506 OF THE IBC (OSSC TABLE 506.2)

ALLOWABLE AREA (AA) FORMULA (OSSC 506.2.1, **EQUATION 5-1**) (B OCCUPANCY, TYPE II-B CONSTRUCTION)
AA = AT + (NS X IF)
AA = 23,000 + (23,000 X 0)
AA = 23,000 SF
ACTUAL B OCCUPANCY AREA = 2,178 SF (COMPLIES)

ALLOWABLE AREA (AA) FORMULA (OSSC 506.2.3, **EQUATION 5-2**) (S-1 OCCUPANCY, TYPE II-B CONSTRUCTION)
AA = AT + (NS X IF) X SA
AA = 52,500 + (17,500 X 0) X2
AA = 105,000 SF (52,500 SF PER FLOOR MAX)
ACTUAL LOWER LEVEL AREA = 2,529 (COMPLIES)
ACTUAL LEVEL 1 AREA = 34,839 (COMPLIES)

FRONTAGE INCREASE (WSBC 506.3):
N/A: BUILDING PERIMETER IS NOT ON A PUBLIC WAY OR QUALIFYING OPEN SPACE

TYPES OF CONSTRUCTION (WSBC CHAPTER 6)

FIRE RATING REQ. FOR BUILDING ELEMENTS (HOURS) (WSBC TABLE 601)

BUILDING ELEMENT	TYPE II-B
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS EXTERIOR INTERIOR	0 0
NONBEARING WALLS AND PARTITIONS EXTERIOR	See Table 602
NONBEARING WALLS AND PARTITIONS INTERIOR	0
FLOOR CONST. AND ASSOCIATED SECONDARY MEMBERS	0
ROOF CONST. AND ASSOCIATED SECONDARY MEMBERS	0

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (OSSC TABLE 602)

FIRE SEP. DISTANCE = X (FEET)	TYPE OF CONST.	OCC. B, S-1
10 ≤ X < = 30'	II-B	0
X ≥ 30	II-B	0

FIRE PROTECTION SYSTEMS (WSBC CHAPTER 9)

FIRE SPRINKLER AND FIRE ALARM DETECTION SYSTEMS:

PER WSBC 903.2.9, AN AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHOUT A BUILDING WITH A GROUP S-1 OCCUPANCY FIRE AREA THAT EXCEEDS 12,000 SF. (AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED)

MEANS OF EGRESS (WSBC CHAPTER 10)

OCCUPANT LOAD (WSBC TABLE 1004.5)
SEE CODE ANALYSIS PLAN FOR OCCUPANCIES AND OCCUPANT LOADS.

COMMON PATH OF TRAVEL DISTANCE:
WSBC TABLE 1006.2.1 STORIES WITH ONE EXIT (WITHOUT SPRINKLER SYSTEM)

	ALLOWED MAX.	ACTUAL (LONGEST):
S-1	100'	6' 3" - COMPLIES

EXIT ACCESS DISTANCE:
WSBC TABLE 1017.2 (WITHOUT SPRINKLER SYSTEM)

	ALLOWED MAX.	ACTUAL (LONGEST):
S-1	200'	6' 3" - COMPLIES

ACCESSIBILITY (WSBC CHAPTER 11)

ICC A117.1 - 2009
REFER TO ICC A117.1-2009 FOR ITEMS NOT LISTED BELOW:

FLOOR SURFACES SHALL COMPLY WITH SECTION 302
- FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT
- OPENINGS IN FLOOR SURFACES SHALL BE OF A SIZE THAT DOES NOT PERMIT THE PASSAGE OF A 1/2 INCH DIAMETER SPHERE. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE PREDOMINANT DIRECTION OF TRAVEL.

CHANGES IN LEVEL SHALL COMPLY WITH SECTION 303
- CHANGES IN LEVEL OF 1/4 INCH MAXIMUM IN HEIGHT SHALL BE PERMITTED TO BE VERTICAL.
- CHANGES IN LEVEL GREATER THAN 1/4 INCH IN HEIGHT AND NOT MORE THAN 1/2 INCH MAXIMUM IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2
- CHANGES IN LEVEL GREATER THAN 1/2 INCH IN HEIGHT SHALL BE RAMPED AND SHALL COMPLY WITH SECTION 405 OR 406

TURNING SPACES SHALL COMPLY WITH SECTION 304
- FLOOR SURFACES OF A TURNING SPACE SHALL COMPLY WITH SECTION 302. CHANGES IN LEVEL ARE NOT PERMITTED WITHIN THE TURNING SPACE. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED
- TURNING SPACES SHALL COMPLY WITH SECTION 304.3.1 OR 304.3.2
- DOOR SWINGS, UNLESS OTHERWISE SPECIFIES, SHALL BE PERMITTED INTO TURNING SPACES.

CLEAR FLOOR SPACES SHALL COMPLY WITH SECTION 305
- CHANGES IN LEVEL ARE NOT PERMITTED WITHIN THE CLEAR FLOOR SPACE. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED
- THE CLEAR FLOOR SPACE SHALL BE 48 INCHES MINIMUM IN LENGTH AND 30 MINIMUM IN WIDTH

ACCESSIBLE ROUTES SHALL COMPLY WITH SECTION 402

WALKING SURFACES SHALL COMPLY WITH SECTION 403
- THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 1:48
- AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE A PASSING SPACE AT INTERVALS OF 200 FEET MAXIMUM. PASSING SPACES SHALL BE A 60-INCH MINIMUM BY 60-INCH MINIMUM SPACE
- FLOOR SURFACE WITHIN THE MANEUVERING CLEARANCES SHALL HAVE A SLOPE NOT STEEPER THAN 1:48 AND SHALL COMPLY WITH SECTION 302

PLUMBING SYSTEMS (WSBC CHAPTER 29)

GROUP S-1 OCCUPANT LOAD:

NO PROVIDED WATER CLOSET AND NO PROVIDED LAVATORY COMPLY

2018 WASHINGTON STATE ENERGY CODE (IECC 2018)

CLIMATE ZONE (TABLE C301.1)

KITSAP COUNTY: 4C

5.4.3.3 VESTIBULES AND REVOLVING DOORS

NO VESTIBULE OR REVOLVING DOOR REQUIRED PER EXCEPTION #7

NOT REQUIRED IN CLIMATE ZONE 5 WHEN BUILDING IS LESS THAN 1,000 SF IN GROSS CONDITIONED FLOOR AREA

C402.1.2:

EQUIPMENT BUILDINGS SHALL BE EXEMPT FROM THE BUILDING THERMAL ENVELOPE PROVISIONS:

1. AREA SEPARATE BUILDINGS WITH FLOOR AREA NO MORE THAN 500SF
2.HOUSE ELECTRONIC EQUIPMENT POWER TOTALING 7 WATTS PER SF
3. COOLING AND HEATING SIZED PER C403.1.2 & C403.3.1
4. HAVE A HEATING SYSTEM < OR EQUAL TO 5KW
5.HAVE AN AVERAGE WALL & ROOF U-FACTOR LESS THAN 0.2

PROVIDED THE FOLLOWING FOR THE THERMAL ENVELOPE:

TABLE C402.1.3 OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS FOR CLIMATE ZONE 4C **(R-VALUE METHOD)**
(C.I. = CONTINUOUS INSULATION)

ROOFS:

ROOF INSULATION ENTIRELY ABOVE DECK = R-38 C.I. (REQUIRED)

PROVIDED: R-40 C.I.
8" OF RIGID INSULATION @ R-5 PER INCH

WALLS ABOVE GRADE:

STEEL-FRAMED WALLS = R-13 + R-10 C.I. (REQUIRED)

PROVIDED: R-24 + R-10 C.I.
6" OF BATT INSUATION (R-24)
2" OF RIGID INSULATION C.I. @ R-5 PER INCH = R-10

SLAB ON GRADE:

UNHEATED SLAB-ON-GRADE FLOOR = R-10 FOR 24" (REQUIRED)

PROVIDED: R-10 AT EDGES AND UNDER SLAB

TABLE 402.4: BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS:

FENESTRATIONS - FIXED = U-0.38 MAX
SHGC (SEW, 0.2<PF<0.5): 0.43 MAX
(N, 0.2<PF<0.5): 0.53 MAX

FIXED PROVIDED: U-0.36 MAX
SHGC: .38 MAX

FENESTRATIONS - OPERABLE = U-0.45 MAX
SHGC (SEW, 0.2<PF<0.5): 0.46 MAX

OPERABLE PROVIDED: U-0.45 MAX
SHGC: .38 MAX

FENESTRATIONS - ENTRANCE DOOR =U-0.77 MAX

ENTRANCE DOOR PROVIDED:
FOAM INSULATED STEEL SLAB W/ METAL EDGE IN STEEL FRAME W/ 25% GLAZED FENESTRATION = U-0.55

TABLE 402.1.4

SWINGING OPAQUE DOOR =U-0.37 MAX

SWINGING DOOR PROVIDED: U-0.37 MAX

C402.4.1: MAXIMUM AREA

THE TOTAL BUILDING VERTICAL FENESTRATION SHALL NOT EXCEED 30 PERCENT OF THE TOTAL BUILDING GROSS ABOVE GRADE WALL AREA.

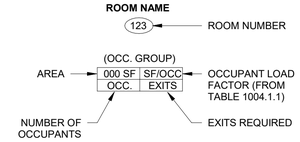
C402.4.4: DOORS

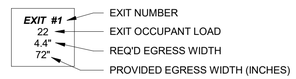
OPAQUE DOORS SHALL BE CONSIDERED PART OF THE GROSS AREA OF ABOVE GRADE WALLS THAT ARE PART OF THE BUILDING THERMAL ENVELOPE.

SUBMIT BUILDING ENCLOSURE APPLICABLE CALCULATIONS, WSEC ENVELOPE REQUIREMENTS, FENESTRATION NFRC RATING CERTIFICATES.

CODE COMPLIANCE LEGEND

EXIT LIGHT, DIRECTIONAL ARROWS AS INDICATED, SHADED AREAS DENOTE FACES





FEC — FIRE EXTINGUISHER CABINET

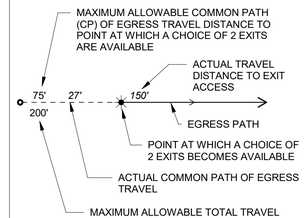
KNOX — KEY BOX

ACCESSIBLE INGRESS / EGRESS

2-HOUR RATED FIRE BARRIER

1-HOUR RATED FIRE BARRIER

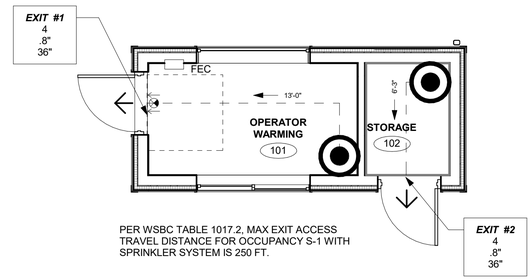
EGRESS TRAVEL LEGEND



GENERAL NOTES

1. TRAVEL DISTANCES ARE SHOWN IN FEET AND ARE ROUNDED UP TO THE NEAREST INCREMENT.

2. FLOOR AREAS SHOWN ON THIS SHEET ARE CALCULATED IN ACCORDANCE WITH "AREA, BUILDING" PER *CHAPTER 2 - DEFINITIONS* OF THE 2019 OSSC.



PER WSBC TABLE 1017.2, MAX EXIT ACCESS TRAVEL DISTANCE FOR OCCUPANCY S-1 WITH SPRINKLER SYSTEM IS 250 FT.

1 LEVEL 1 CODE ANALYSIS PLAN
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
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WWW.PARAMETRIX.COM

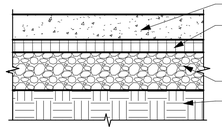
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION BUILDING CODE ANALYSIS

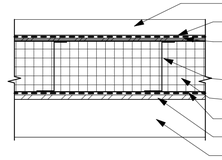
DRAWING NO.
160 OF 239

A50.02

FLOOR ASSEMBLY

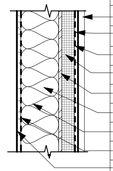
FLOOR TYPE	MATERIAL	DESCRIPTION
FL-1		CONCRETE SLAB PER STRUCTURAL R-10 RIGID INSULATION, MIN. 2' FROM PERIMETER WALLS 6" COMPACTED GRAVEL BASE COMPACTED EARTH

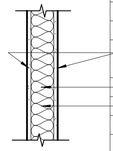
ROOF ASSEMBLY

ROOF TYPE	MATERIAL	DESCRIPTION
RF-3		STANDING SEAM METAL ROOF PANELS WATERPROOFING MEMBRANE, SELF-ADHERED PLYWOOD SHEATHING SUBSTRATE 8" DEEP METAL PURLINS @ 24" O.C., PER STRUCTURAL 8" RIGID INSULATION, R-40 C.I.@ R-5 PER INCH VAPOR BARRIER; 0.1 TO 1.0 PERMS REQUIRED SHEATHING PER STRUCTURAL 6" STEEL JOISTS PER STRUCTURAL

* IF MORE THAN (1)-LAYER OF RIGID INSULATION PANEL ARE USED, PANELS JOINTS MUST BE STAGGERED AT ROOF

WALL ASSEMBLIES

EXTERIOR WALL TYPE	MATERIAL	DESCRIPTION
6SM2		AEP SPAN PC-10 METAL PANEL SIDING OR EQUAL SUBGIRT WEATHER-RESISTANT BARRIER (WRB) 2" RIGID INSULATION (R-10) PLYWOOD SHEATHING PER STRUCTURAL 6" STEEL STUD FRAMING PER STRUCTURAL 6" BATT INSULATION (R-24), (FULLY FILL SPACE) VAPOR RETARDER 5/8" GYPSUM WALL BOARD

INTERIOR WALL TYPE	MATERIAL	DESCRIPTION
4S2		(1) LAYER 5/8" GYPSUM WALL BOARD ON WARMING SIDE 5/8" PLYWOOD ON STORAGE SIDE 3 5/8" STEEL STUD FRAMING @ 16" OC BATT INSULATION TO FILL CAVITY

ALL INSULATION MATERIALS MUST HAVE IDENTIFICATION MARKINGS.
INSULATION MUST BE INSTALLED IN A WAY THAT MARKINGS ARE OBSERVABLE DURING INSPECTIONS

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME:
JOB No: 21090
DATE: AUGUST 2025

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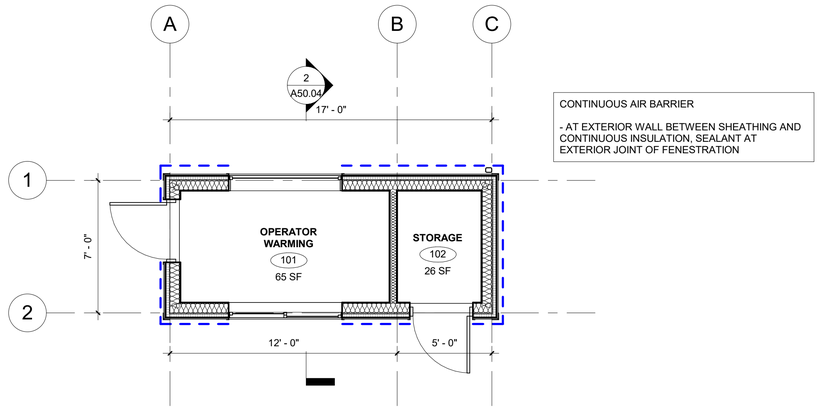
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION ASSEMBLY TYPES

DRAWING NO.
161 OF 239

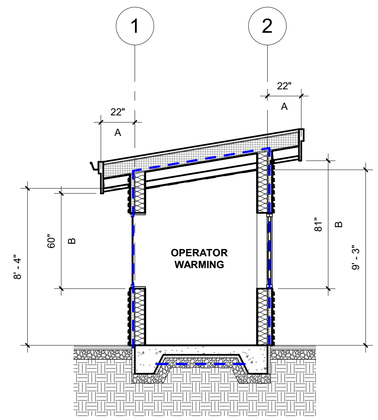
A50.03



CONTINUOUS AIR BARRIER

- AT EXTERIOR WALL BETWEEN SHEATHING AND CONTINUOUS INSULATION, SEALANT AT EXTERIOR JOINT OF FENESTRATION

1 FLOOR PLAN
1/4" = 1'-0" @ FULL SIZE



2 BUILDING SECTION
1/4" = 1'-0" @ FULL SIZE

CONTINUOUS AIR BARRIER:

- AT ROOF BETWEEN SHEATHING AND CONTINUOUS RIGID INSULATION

-AT EXTERIOR WALL BETWEEN SHEATHING AND CONTINUOUS RIGID INSULATION

- BELOW SLAB BETWEEN CONCRETE AND CONTINUOUS RIGID INSULATION

PERMANENT SHADING DEVICES

WEST ELEVATION:
PF = A / B
= 22" / 82"
= 0.27

EAST ELEVATION:
PF = A / B
= 22" / 60"
= 0.37

TOTAL FLOOR AREA = 119 SF

TOTAL BUILDING WALL AREA = 422.5 SF

TOTAL FENESTRATION = 53.6 SF

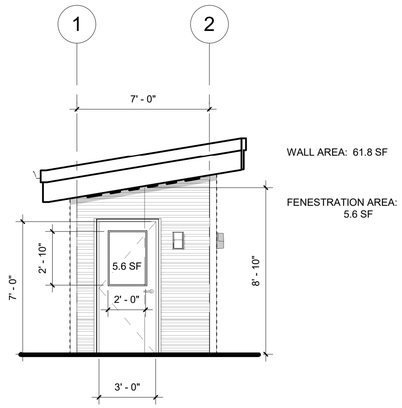
53.6 / 422.5 = 0.1269

FENESTRATION PERCENTAGE = 12.69% < 30% (COMPLIES)

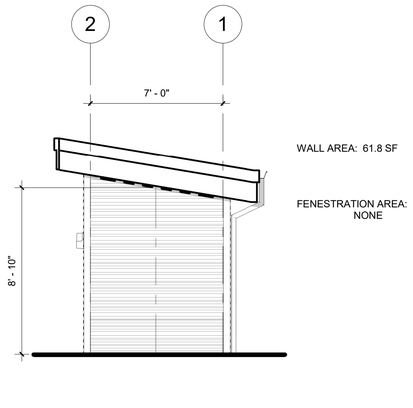
NOTES:

FOR WALL & CEILING TYPES SEE SHEET A50.21
FOR ASSEMBLIES SEE SHEET A50.03

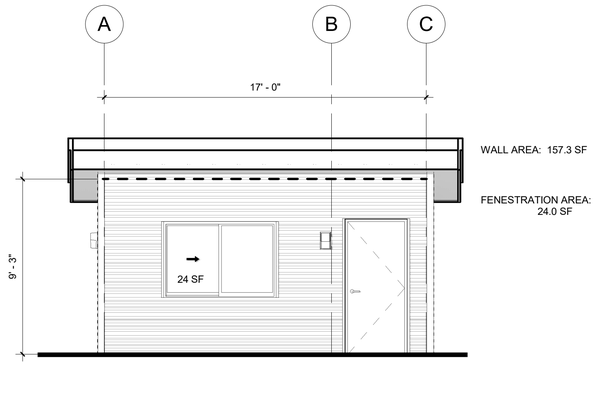
AIR BARRIER/ WRB



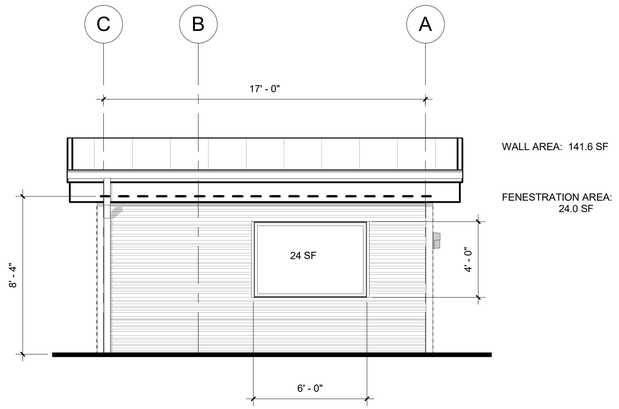
6 NORTH ELEVATION
1/4" = 1'-0" @ FULL SIZE



5 SOUTH ELEVATION
1/4" = 1'-0" @ FULL SIZE



4 WEST ELEVATION
1/4" = 1'-0" @ FULL SIZE



3 EAST ELEVATION
1/4" = 1'-0" @ FULL SIZE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

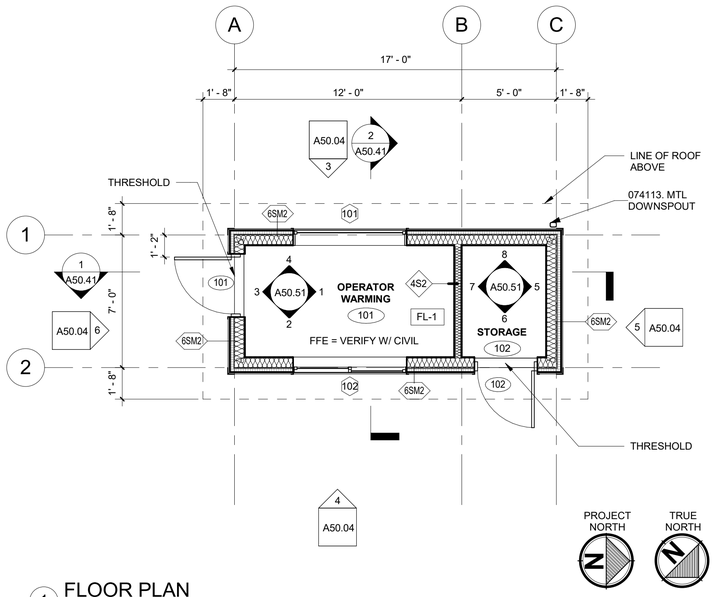
OPERATOR WARMING STATION ENERGY CODE COMPLIANCE

DRAWING NO.
162 OF 239
A50.04

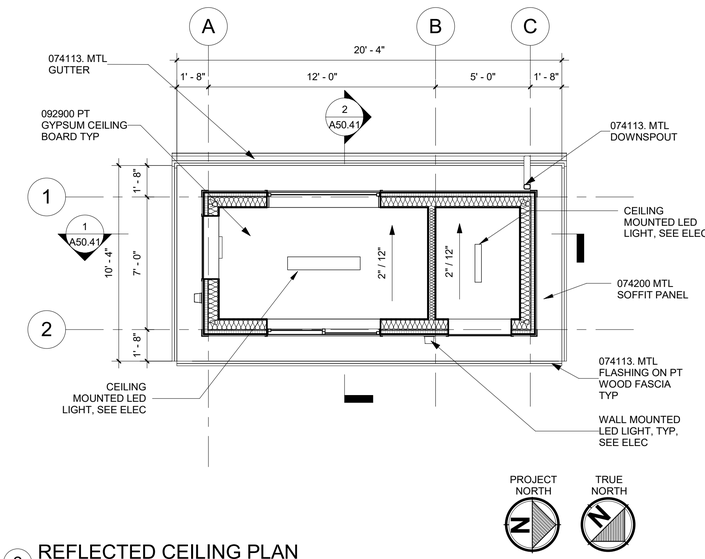
NOTE:
FOR MECHANICAL, ELECTRICAL, REFERENCE ENGINEERING DRAWINGS, SCHEDULES AND SPECIFICATIONS

FLOOR PLAN GENERAL NOTES

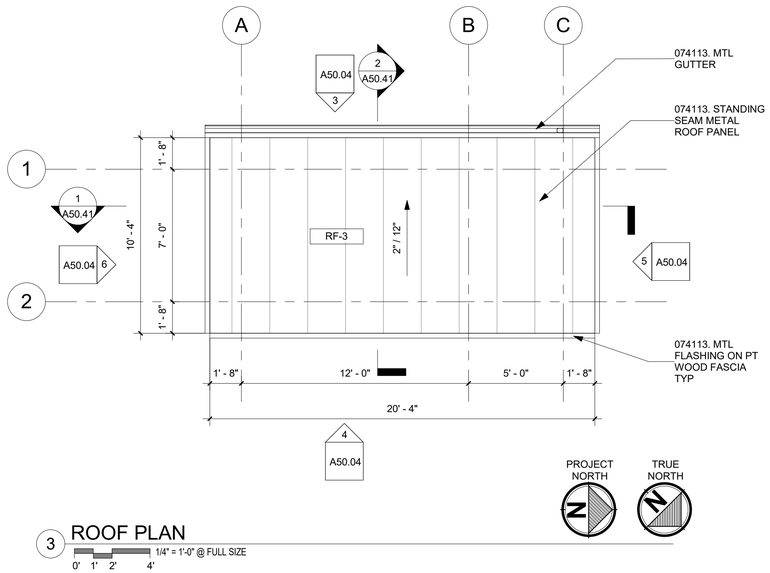
A. DRAWINGS ARE SHOWN TO SCALE AS NOTED AS AIDS IN DETERMINING SIZE AND PROPORTION. ONLY WRITTEN DESCRIPTIONS AND SIZES SHALL BE UTILIZED FOR CONSTRUCTION. DRAWINGS SHALL NOT BE SCALED.
B. UNLESS NOTED OTHERWISE, DIMENSIONS ON PLANS ARE:
   - FACE OF STUD (F.O.S.)
   - FACE OF CONCRETE (F.O.C.)
   - CENTERLINE OF DOOR AND WINDOW OPENINGS.
C. FIXTURES AND EQUIPMENT SHOWN ARE FOR COORDINATION PURPOSES ONLY. REFER TO THE MANUFACTURER'S PRODUCT DATA, ENGINEERING DRAWINGS, AND SPECIFICATIONS FOR FIXTURE AND EQUIPMENT DESCRIPTIONS AND LOCATIONS.
D. PRESERVATION OF ADJACENT OR EXISTING CONSTRUCTION:
   - AVOID DAMAGE TO EXISTING STRUCTURES, SIDEWALKS, CURBS, PAVING AND LANDSCAPING.
   - PATCH, REPAIR, OR REPLACE ANY ITEMS DAMAGED, OR AS DIRECTED BY THE PROPERTY OWNER.
E. AVOID UNNECESSARY DISRUPTIONS TO THE FUNCTIONS AND ACTIVITIES OF ADJACENT BUILDINGS.
F. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES OR CONFLICTING DATA TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING WORK.
G. UNLESS NOTED OTHERWISE, INSTALL DOORS WITH 4" FROM HINGE SIDE OF DOOR TO ADJACENT WALL FRAMING.
H. CONTRACTOR TO VERIFY SIZES OF ROUGH DOOR AND WINDOW OPENINGS PRIOR TO ORDERING DOORS AND WINDOWS.
I. GENERAL CONTRACTOR TO COORDINATE FFE WITH CIVIL DRAWINGS.



1 FLOOR PLAN
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



2 REFLECTED CEILING PLAN
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



3 ROOF PLAN
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
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719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
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WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

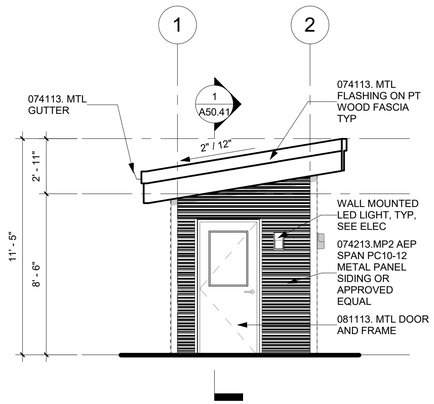
OPERATOR WARMING STATION FLOOR PLAN, REFLECTED CEILING PLAN, ROOF PLAN

DRAWING NO.
163 OF 239

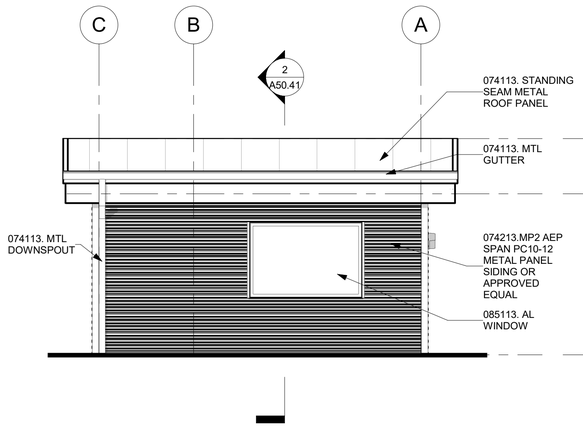
A50.21

EXTERIOR ELEVATION NOTES

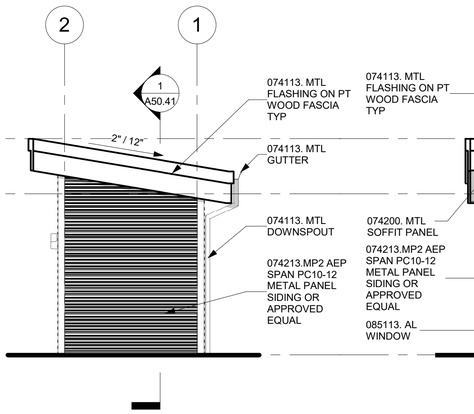
1. SEE RCP'S FOR ADDITIONAL INFORMATION ON MATERIAL AND FINISH LOCATIONS.
2. SEE BUILDING SECTIONS FOR WALL HEIGHTS NOT SHOWN ON THIS SHEET.
3. GENERAL CONTRACTOR TO COORDINATE FFE WITH CIVIL DRAWINGS.



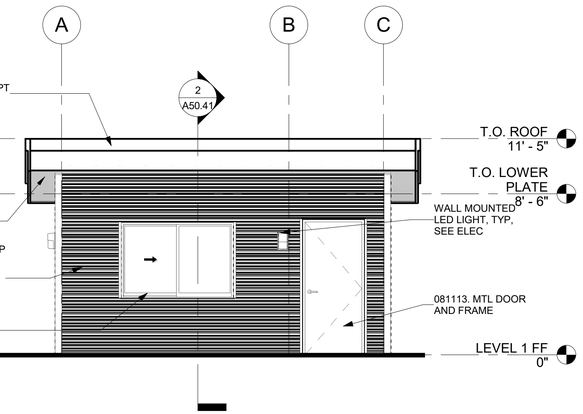
4 NORTH ELEVATION
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



3 WEST ELEVATION
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



2 SOUTH ELEVATION
1/4" = 1'-0" @ FULL SIZE
0' 2' 4' 8'



1 EAST ELEVATION
1/4" = 1'-0" @ FULL SIZE
0' 1' 2' 4'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN LCG
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
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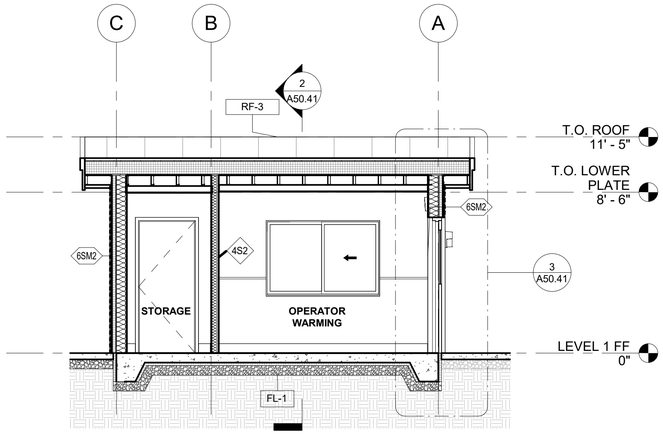
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION BUILDING EXTERIOR ELEVATIONS

DRAWING NO.
164 OF 239

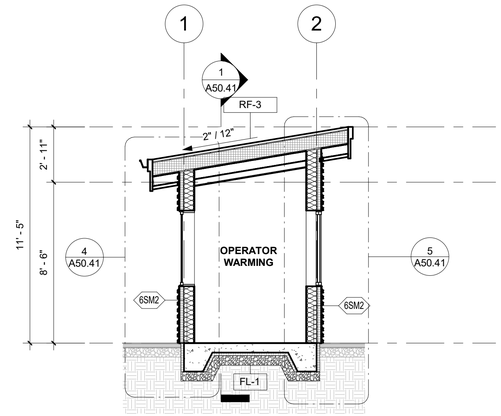
A50.31



1 N/S SECTION

1/4" = 1'-0" @ FULL SIZE

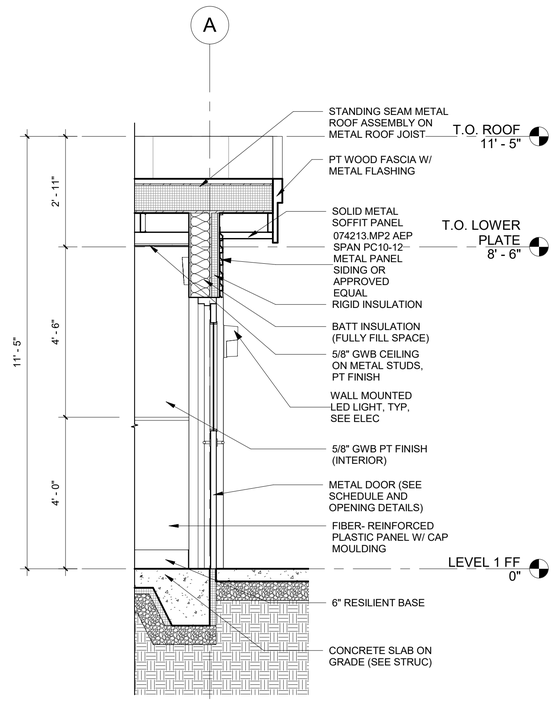
0' 1' 2' 4'



2 E/W SECTION

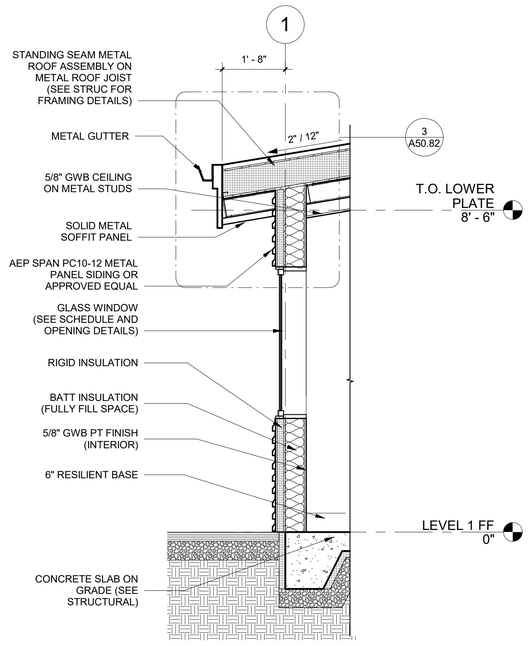
1/4" = 1'-0" @ FULL SIZE

0' 1' 2' 4'



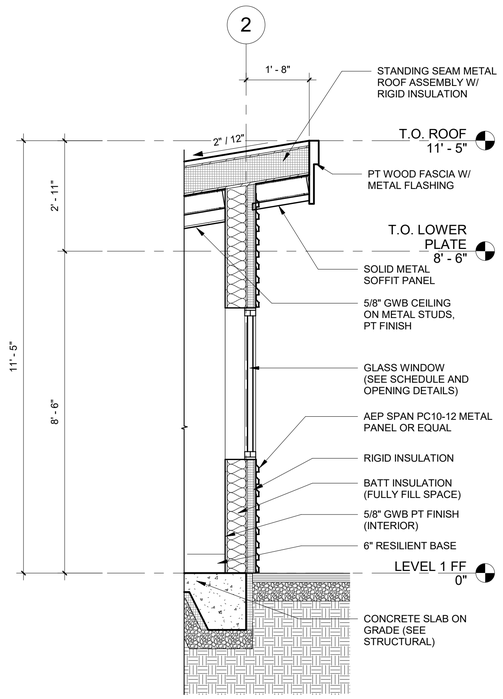
3 N/S WALL SECTION

1/2" = 1'-0" @ FULL SIZE



4 E/W WALL SECTION 1

1/2" = 1'-0" @ FULL SIZE



5 E/W WALL SECTION 2

1/2" = 1'-0" @ FULL SIZE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
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PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

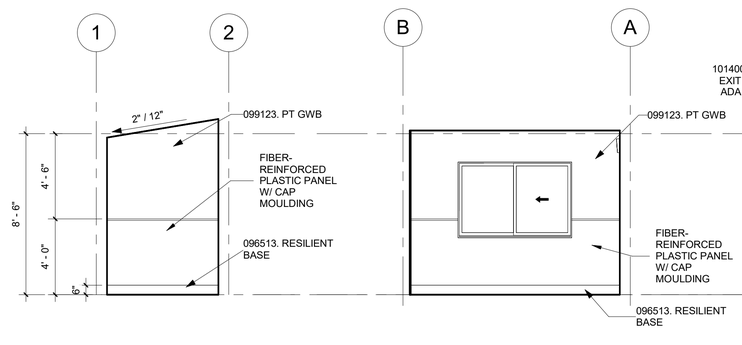
OPERATOR WARMING STATION BUILDING SECTIONS & WALL SECTIONS

DRAWING NO.
165 OF 239

A50.41

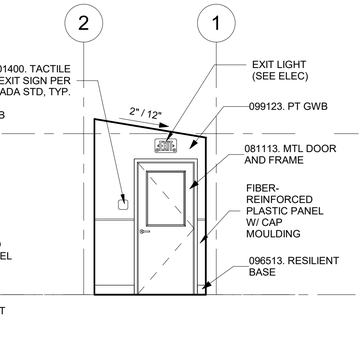
ROOM FINISH SCHEDULE

ROOM		FLOOR			WALLS								CEILING		
					NORTH		EAST		SOUTH		WEST				
NUMBER	NAME	MATERIAL	FINISH	BASE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	NOTES
101	OPERATOR WARMING	CONC	POLISHED	RB, FRP	GWB	PT	GWB	PT	GWB	PT	GWB	PT	GYP	PT	
102	STORAGE	CONC	POLISHED	RB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	GYP	PT	

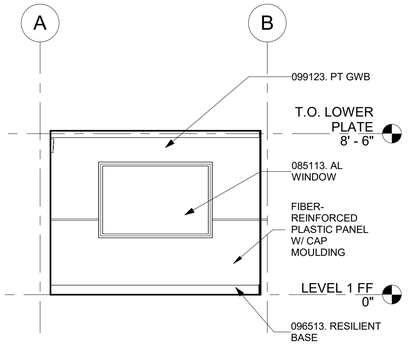


1 WARMING RM NORTH ELEV
1/4" = 1'-0" @ FULL SIZE

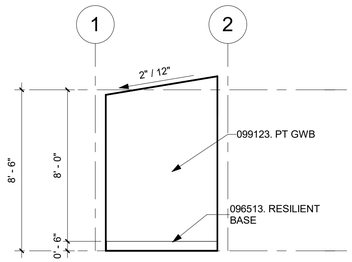
2 WARMING RM EAST ELEV
1/4" = 1'-0" @ FULL SIZE



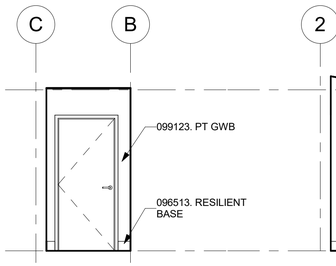
3 WARMING RM SOUTH ELEV
1/4" = 1'-0" @ FULL SIZE



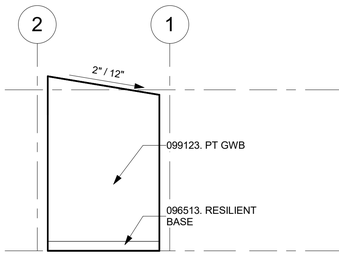
4 WARMING RM WEST ELEV
1/4" = 1'-0" @ FULL SIZE



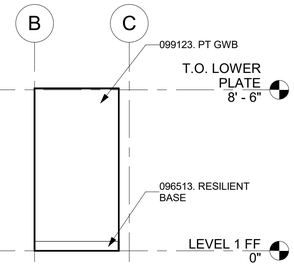
5 STO NORTH ELEV
1/4" = 1'-0" @ FULL SIZE



6 STO EAST ELEV
1/4" = 1'-0" @ FULL SIZE



7 STO SOUTH ELEV
1/4" = 1'-0" @ FULL SIZE



8 STO WEST ELEV
1/4" = 1'-0" @ FULL SIZE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
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JOB No. 21090
DATE AUGUST 2025

6250
REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION INTERIOR ELEVATIONS AND FINISH SCHEDULE

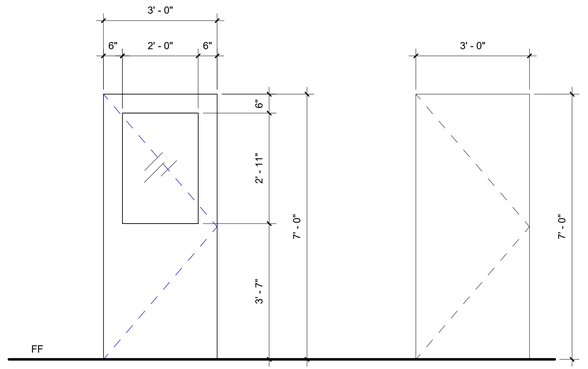
DRAWING NO.
166 OF 239
A50.51

DOOR & WINDOW MATERIAL & FINISH LEGEND

MATERIAL KEY	
AL	ALUMINUM
ANOD	ANODIZED
HM	HOLLOW METAL
SS	STAINLESS STEEL
I	INSULATED
T	TEMPERED
FINISH KEY	
PC	POWDER COATED
PT	PAINTED

DOOR SCHEDULE

	DOOR				DOOR PANEL				DOOR FRAME				
MARK	WIDTH	HEIGHT	THICKNESS	FIRE RATING	TYPE	MATERIAL	FINISH	Glass Type	TYPE	MATERIAL	FINISH	HARDWARE	COMMENTS
LEVEL 1 FF													
101	3' - 0"	7' - 0"	1 3/4"	-	A	HM	PT	IT	A	HM	PT	SS	ENTRANCE DOOR: U FACTOR ≤ 0.60
102	3' - 0"	7' - 0"	1 3/4"	-	B	HM	PT		A	HM	PT	SS	SWINGING OPAQUE DOOR: U FACTOR ≤ 0.37



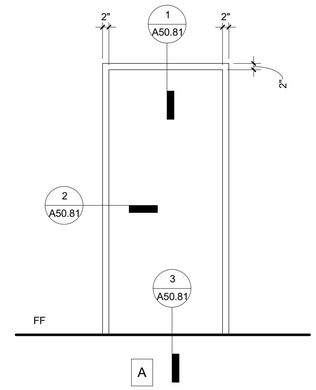
A METAL SWING DOOR WITH VISION GLASS PANEL

B METAL SWING DOOR

DOOR TYPES

1/2" = 1'-0" @ FULL SIZE

0' 2" 4" 8"



DOOR FRAME TYPE

1/2" = 1'-0" @ FULL SIZE

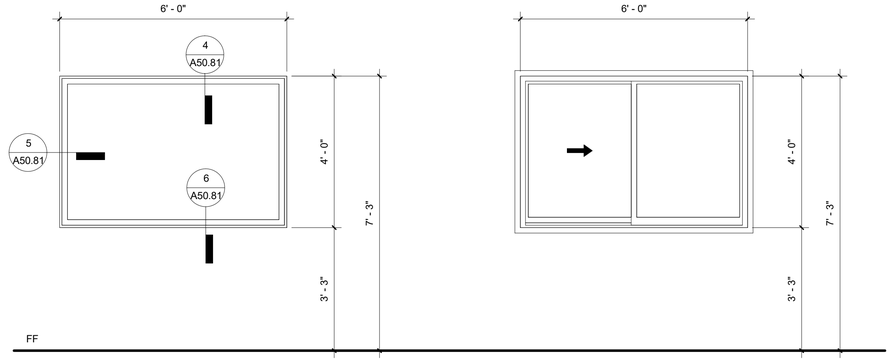
0' 6" 1' 2'

WINDOW SCHEDULE

Mark	Type	Description	Frame Material	Glazing Material	Width	Height	Sill Height	Head Height	Comments
101	A	FIXED	AL, MFR ANOD	IT	6' - 0"	4' - 0"	3' - 0"	7' - 0"	
102	B	SLIDING	ALUM, MFR ANOD	IT	6' - 0"	4' - 0"	3' - 0"	7' - 0"	

ALL INSULATED GLASS UNITS MUST MEET THE FOLLOWING RATINGS:
U-FACTOR= 0.36 MAX.
SHGC= 0.38 MAX.
VT= 0.6

FENESTRATION PRODUCTS SHALL BE LABELED WITH NFRC U-FACTORS, SHGC, VT AND LEAKAGE RATING, OR IF PRODUCTS DO NOT HAVE NFRC RATING, INDICATE APPLICABLE WSEC CHAPTER 3 DEFAULT VALUES



A ALUMINUM FIXED WINDOW

B ALUMINUM SLIDING WINDOW

WINDOW TYPES

1/2" = 1'-0" @ FULL SIZE

0' 6" 1' 2'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
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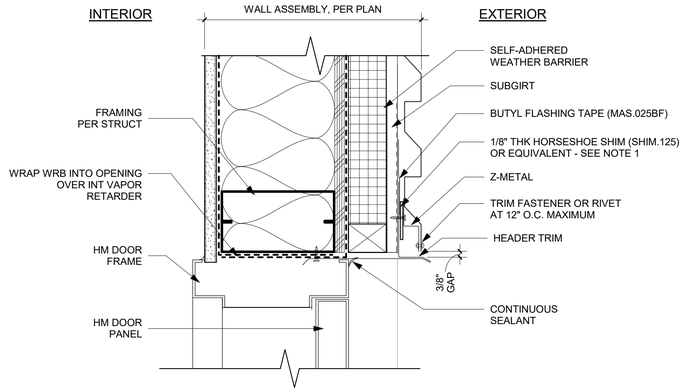
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION WINDOW & DOOR TYPES AND SCHEDULES

DRAWING NO.
167 OF 239

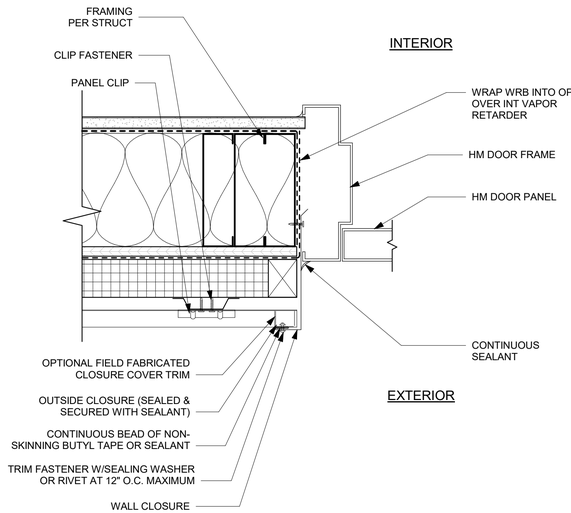
A50.71



1 HM DOOR HEAD

3" = 1'-0" @ FULL SIZE

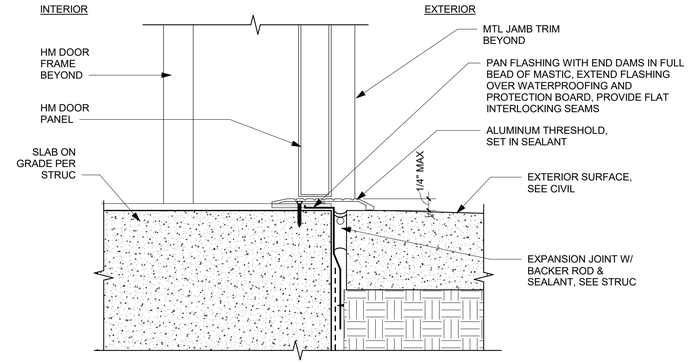
0' 1" 2" 4"



2 HM DOOR JAMB

3" = 1'-0" @ FULL SIZE

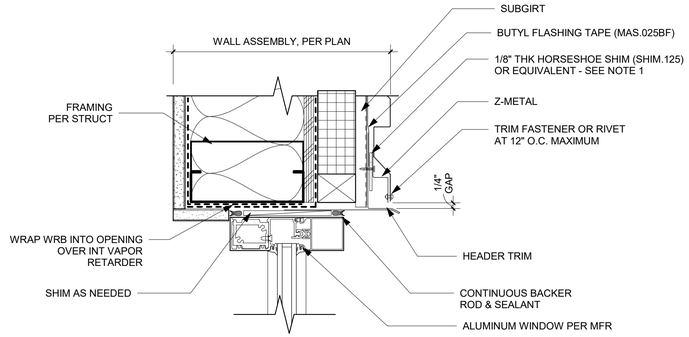
0' 1" 2" 4"



3 HM DOOR THRESHOLD

3" = 1'-0" @ FULL SIZE

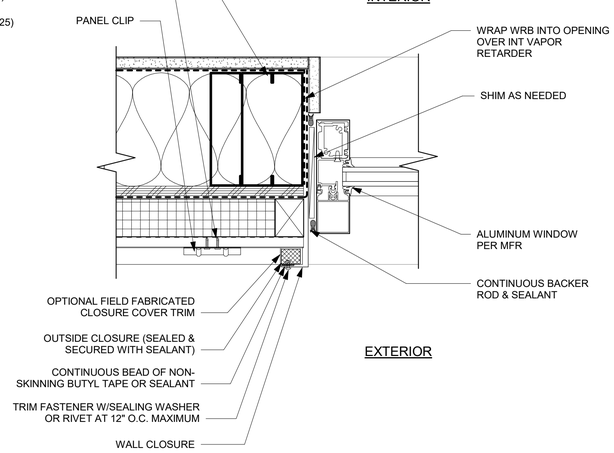
0' 1" 2" 4"



4 ALUMINUM WINDOW HEAD

3" = 1'-0" @ FULL SIZE

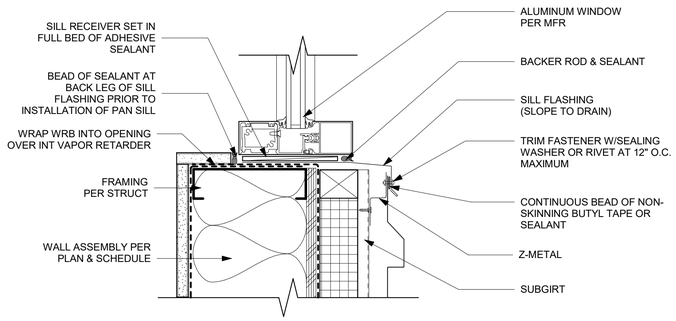
0' 1" 2" 4"



5 ALUMINUM WINDOW JAMB

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"



6 ALUMINUM WINDOW SILL AT METAL PANEL

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: LCG
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

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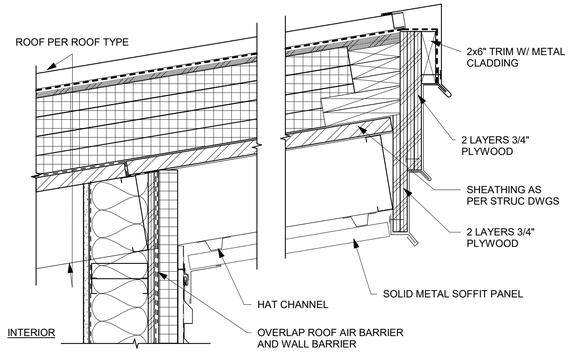
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION BUILDING DETAILS

DRAWING NO. 168 OF 239

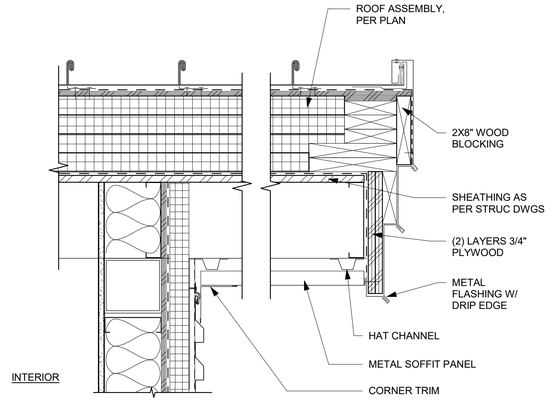
A50.81



1 HIGH EAVE WITH SOFFIT

1 1/2" = 1'-0" @ FULL SIZE

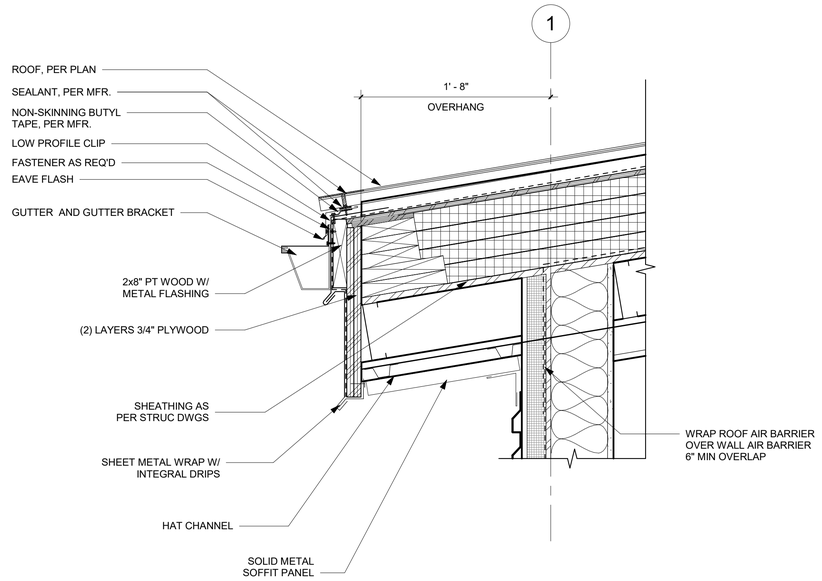
0' 6" 1' 2'



2 ROOF RAKE

1 1/2" = 1'-0" @ FULL SIZE

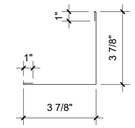
0' 2" 4" 8"



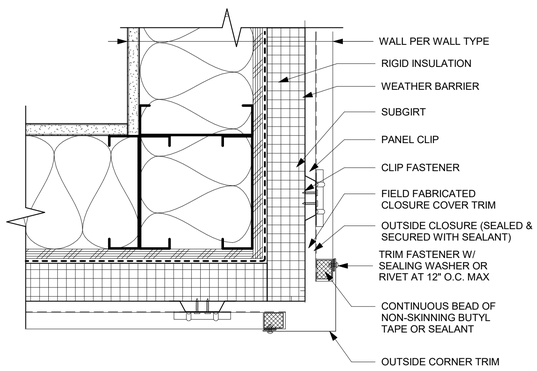
3 GUTTER EDGE

1 1/2" = 1'-0" @ FULL SIZE

0' 2" 4" 8"



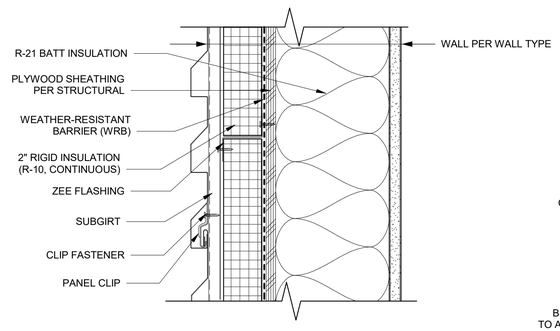
OUTSIDE CORNER TRIM



4 METAL PANEL - OUTSIDE CORNER

3" = 1'-0" @ FULL SIZE

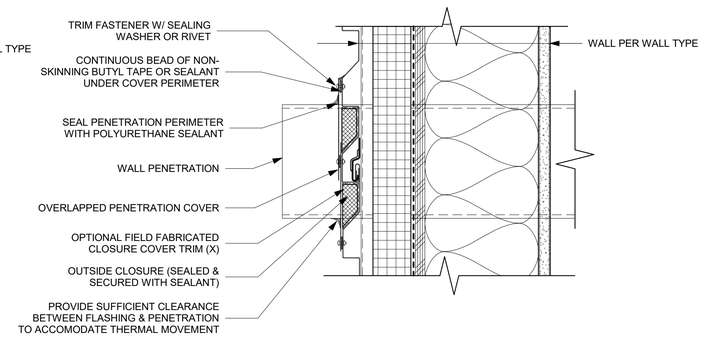
0' 1" 2" 4"



5 RIGID INSULATION DETAIL

3" = 1'-0" @ FULL SIZE

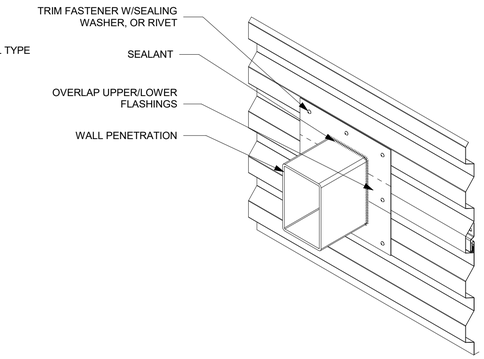
0' 1" 2" 4"



6 WALL PENETRATION - SECTION

3" = 1'-0" @ FULL SIZE

0' 1" 2" 4"



7 WALL PENETRATION - 3D VIEW

N.T.S.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
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P 206.394.3700
WWW.PARAMETRIX.COM

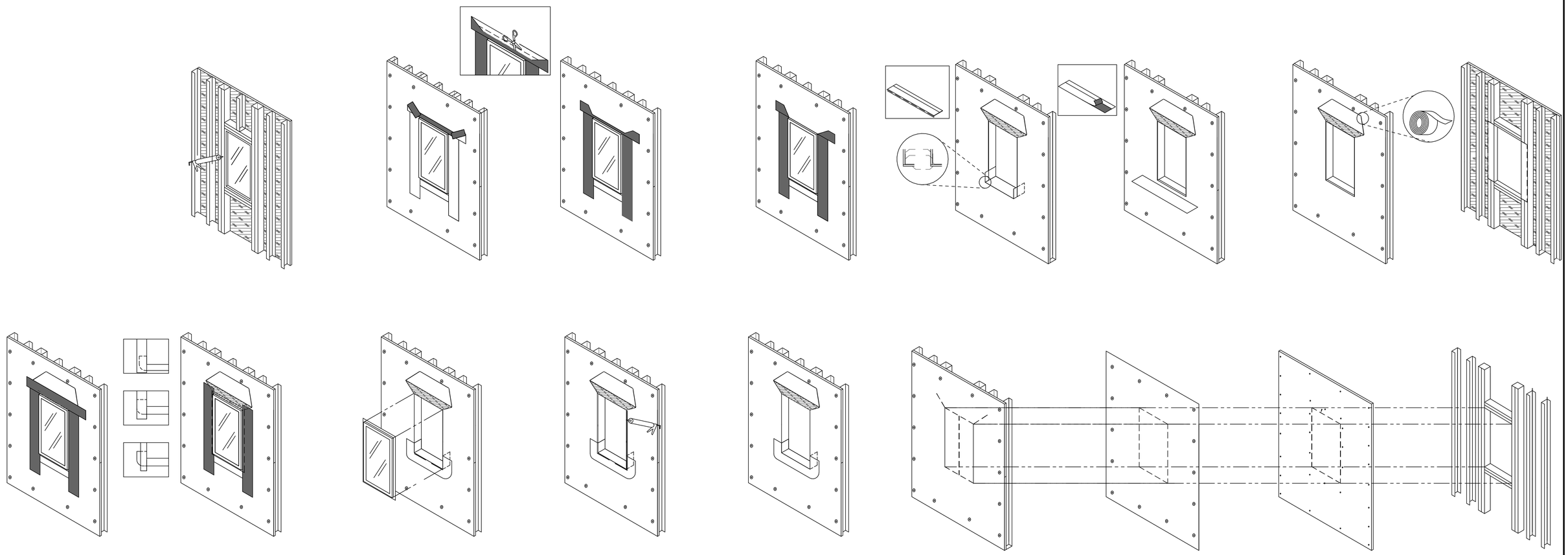
PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION BUILDING DETAILS

DRAWING NO. 169 OF 239

A50.82



1 TYPICAL SEQUENCING OF THE WRB AROUND OPENING AT EXTERIOR WALLS
1/4" = 1'-0" @ FULL SIZE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250
REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

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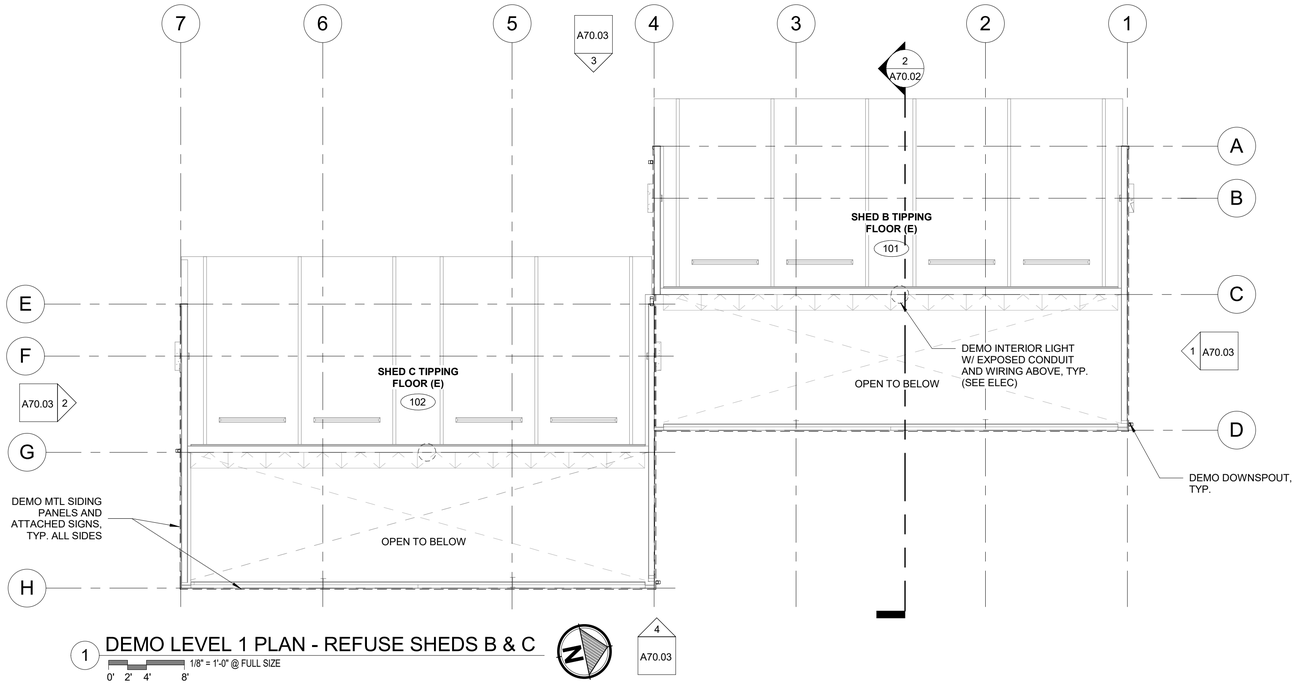
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION BUILDING DETAILS

DRAWING NO.
170 OF 239

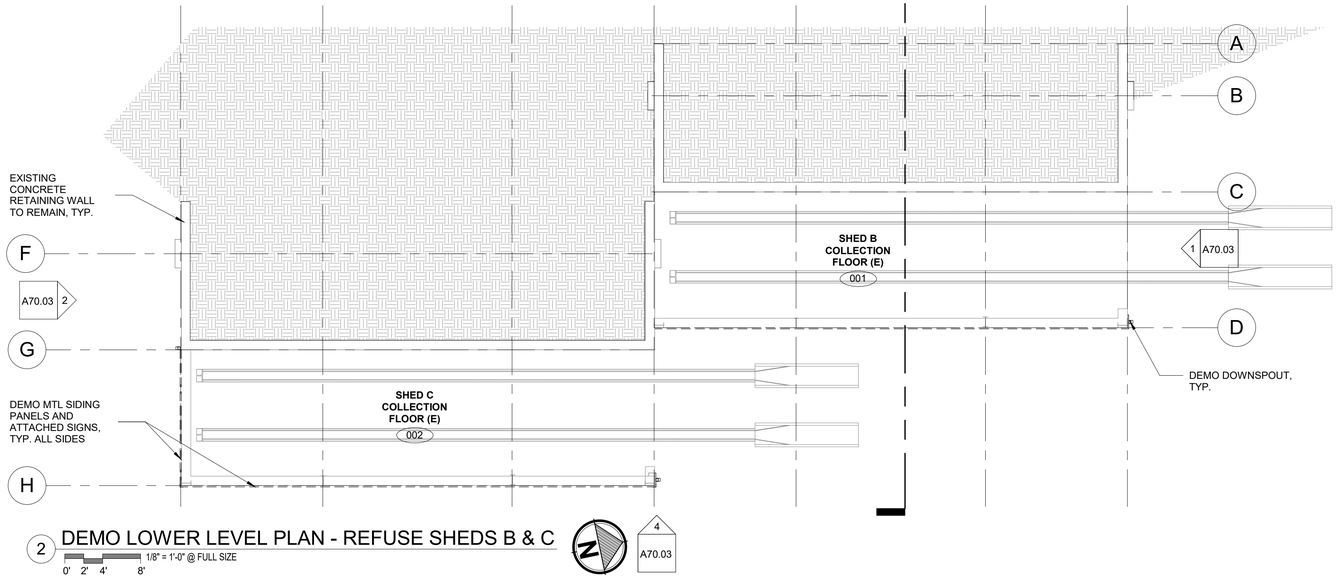
A50.83



1 DEMO LEVEL 1 PLAN - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'



2 DEMO LOWER LEVEL PLAN - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN AD
CHECKED DG
APPROVED

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250
REGISTERED
ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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PROJECT NAME

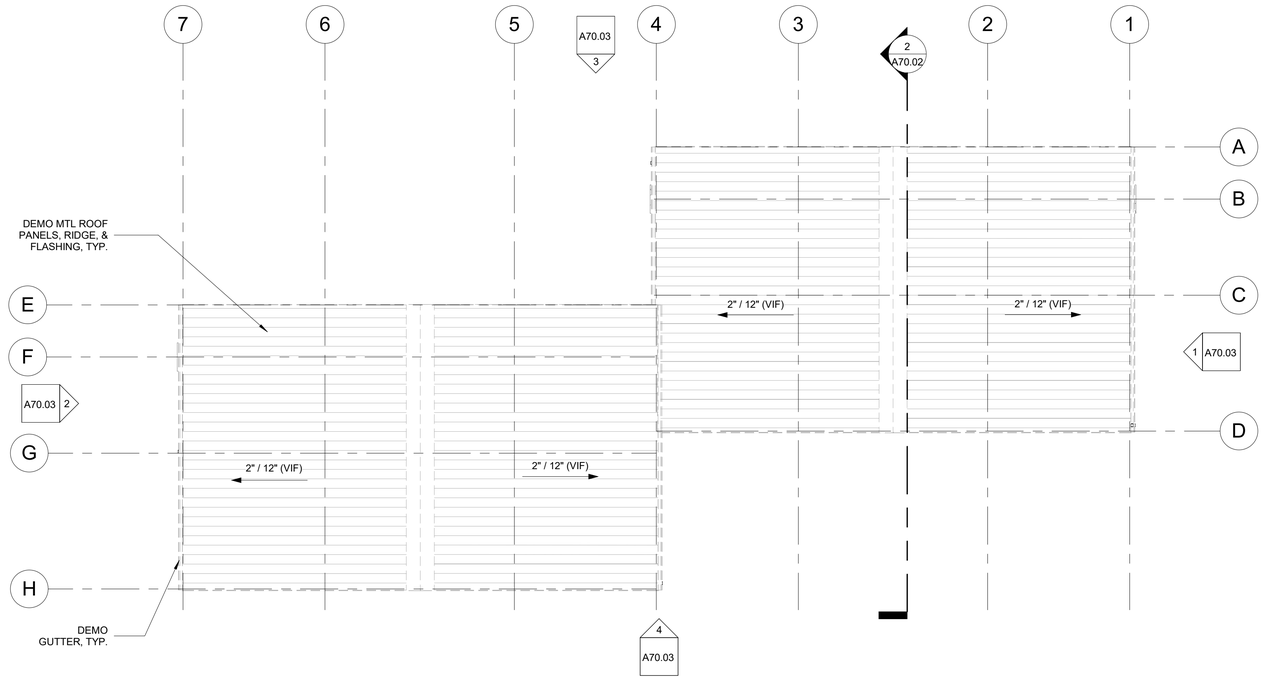
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHEDS B & C DEMO FLOOR PLANS

DRAWING NO.
171 OF 239

A70.01

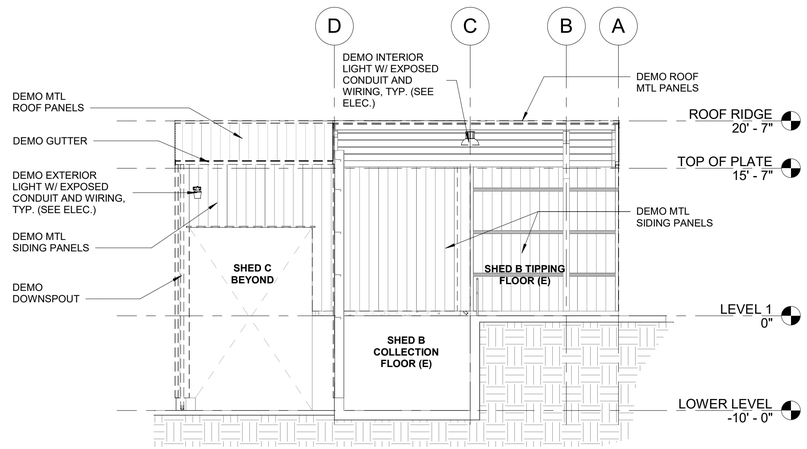


1 DEMO ROOF PLAN - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

N



2 DEMO SECTION - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN AD
CHECKED DG
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT

Alex E. Rolluda

STATE OF WASHINGTON

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PROJECT NAME

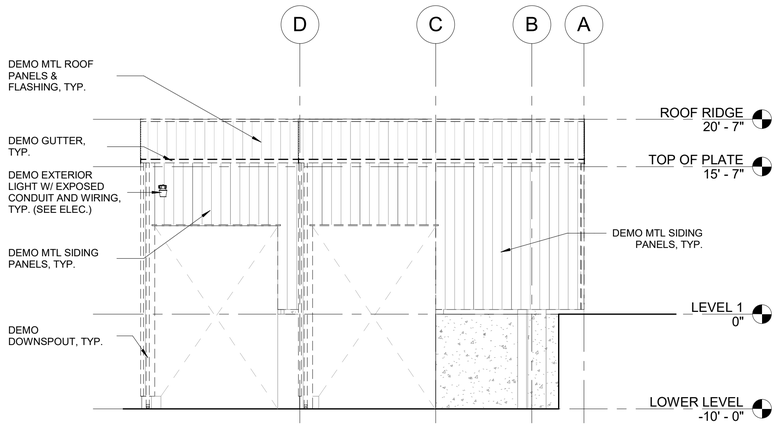
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHEDS B & C DEMO ROOF PLAN AND SECTION

DRAWING NO. 172 OF 239

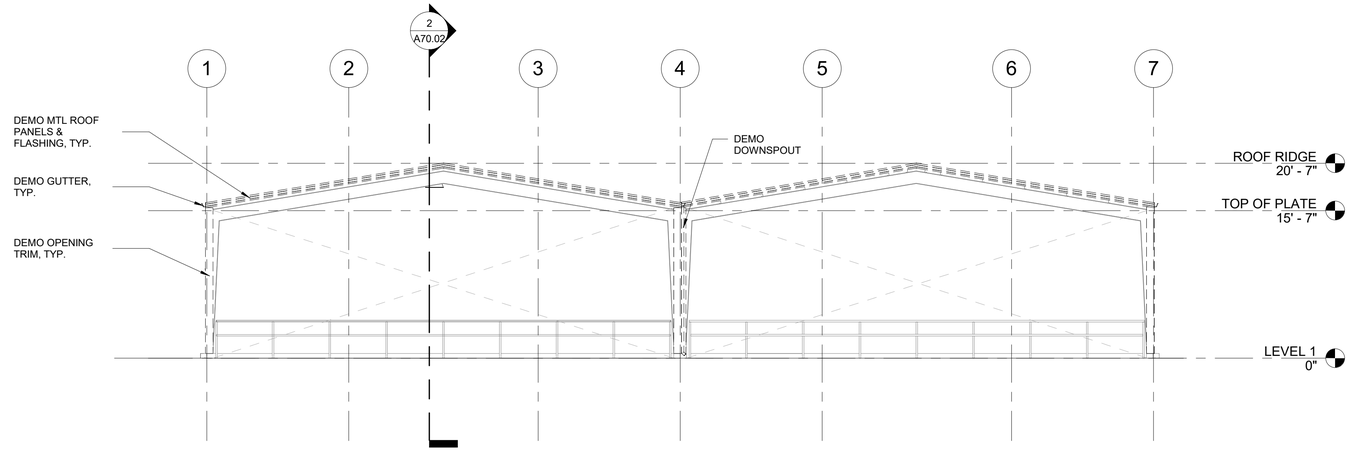
A70.02



1 DEMO NORTH ELEVATION - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

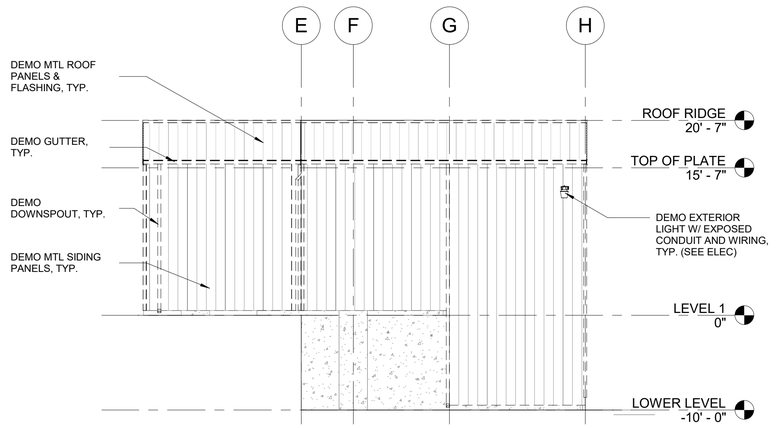
0' 2' 4' 8'



3 DEMO WEST ELEVATION - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

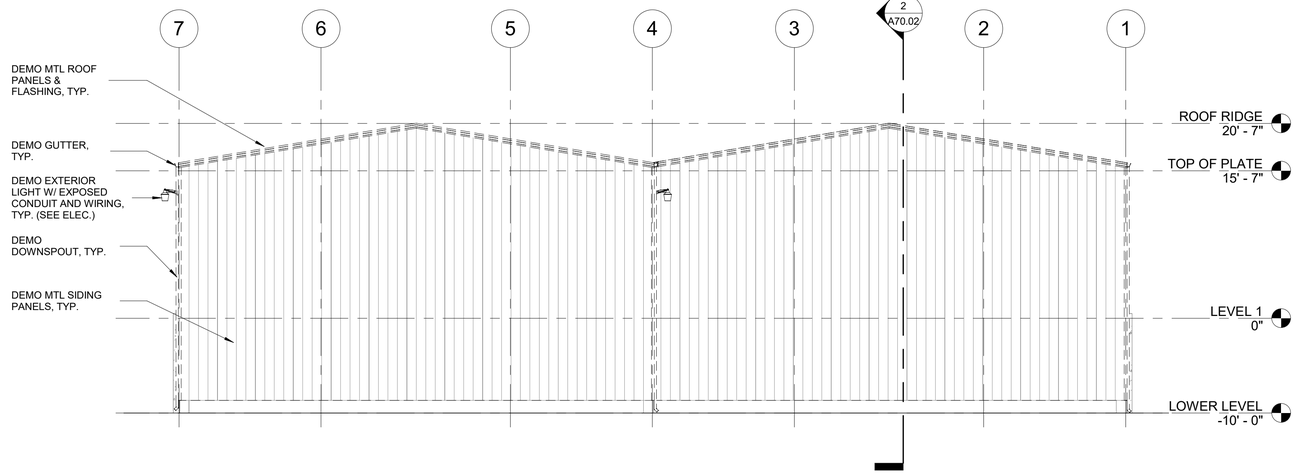
0' 2' 4' 8'



2 DEMO SOUTH ELEVATION - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'



4 DEMO EAST ELEVATION - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN AD
CHECKED DG
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

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PROJECT NAME

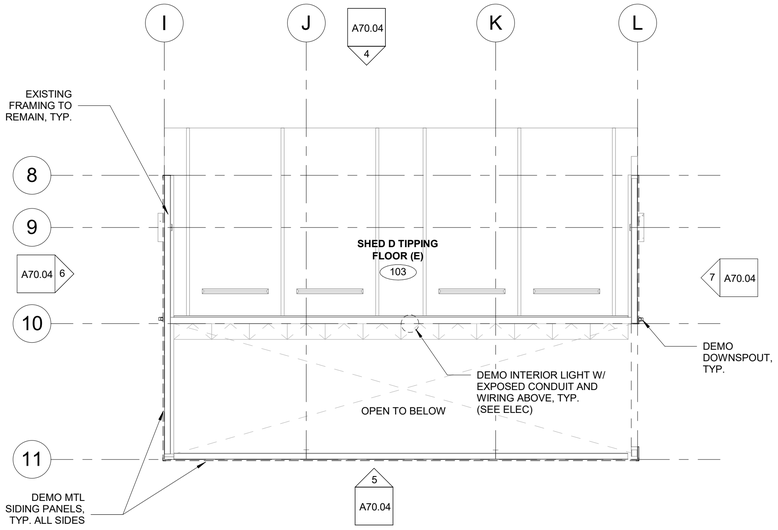
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHEDS B & C DEMO ELEVATIONS

DRAWING NO. 173 OF 239

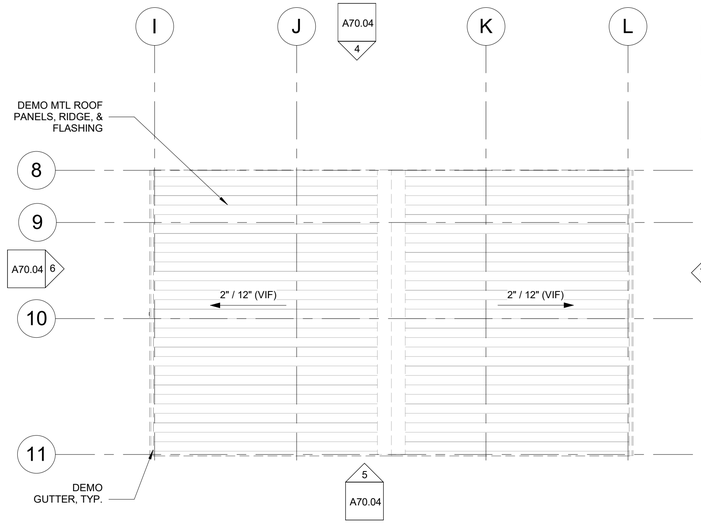
A70.03



1 DEMO LEVEL 1 PLAN - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

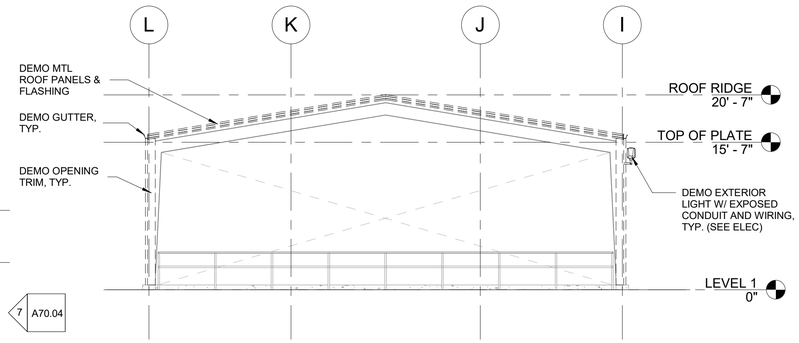
0' 2' 4' 8'



3 DEMO ROOF PLAN - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

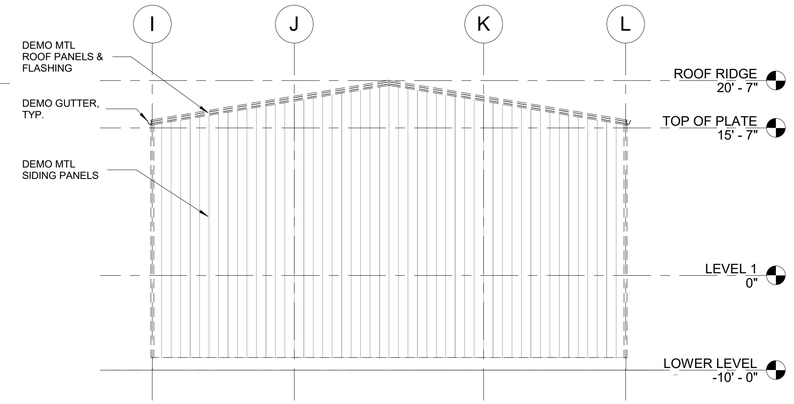
0' 2' 4' 8'



4 DEMO NORTH ELEVATION - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

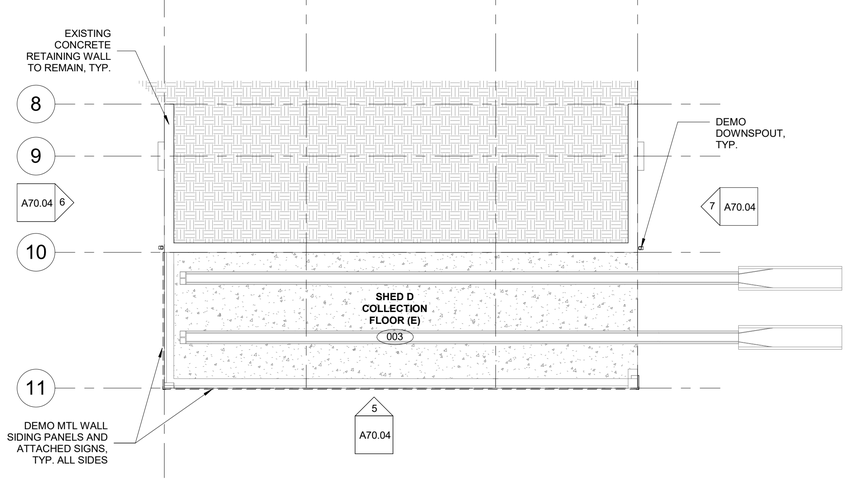
0' 2' 4' 8'



5 DEMO SOUTH ELEVATION - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

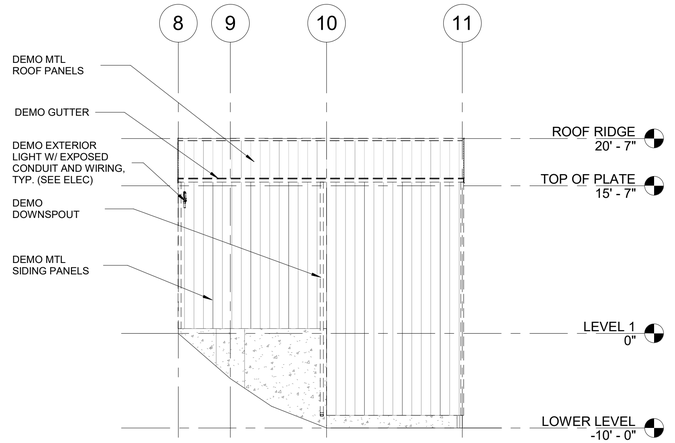
0' 2' 4' 8'



2 DEMO LOWER LEVEL PLAN - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

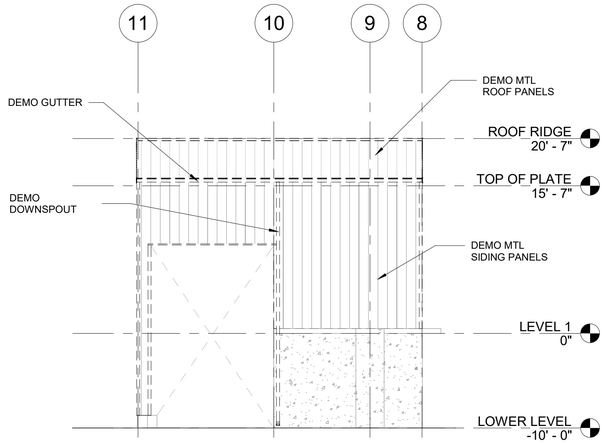
0' 2' 4' 8'



6 DEMO WEST ELEVATION - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'



7 DEMO EAST ELEVATION - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN AD
CHECKED DG
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT

Alex E. Rolluda

STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
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P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME

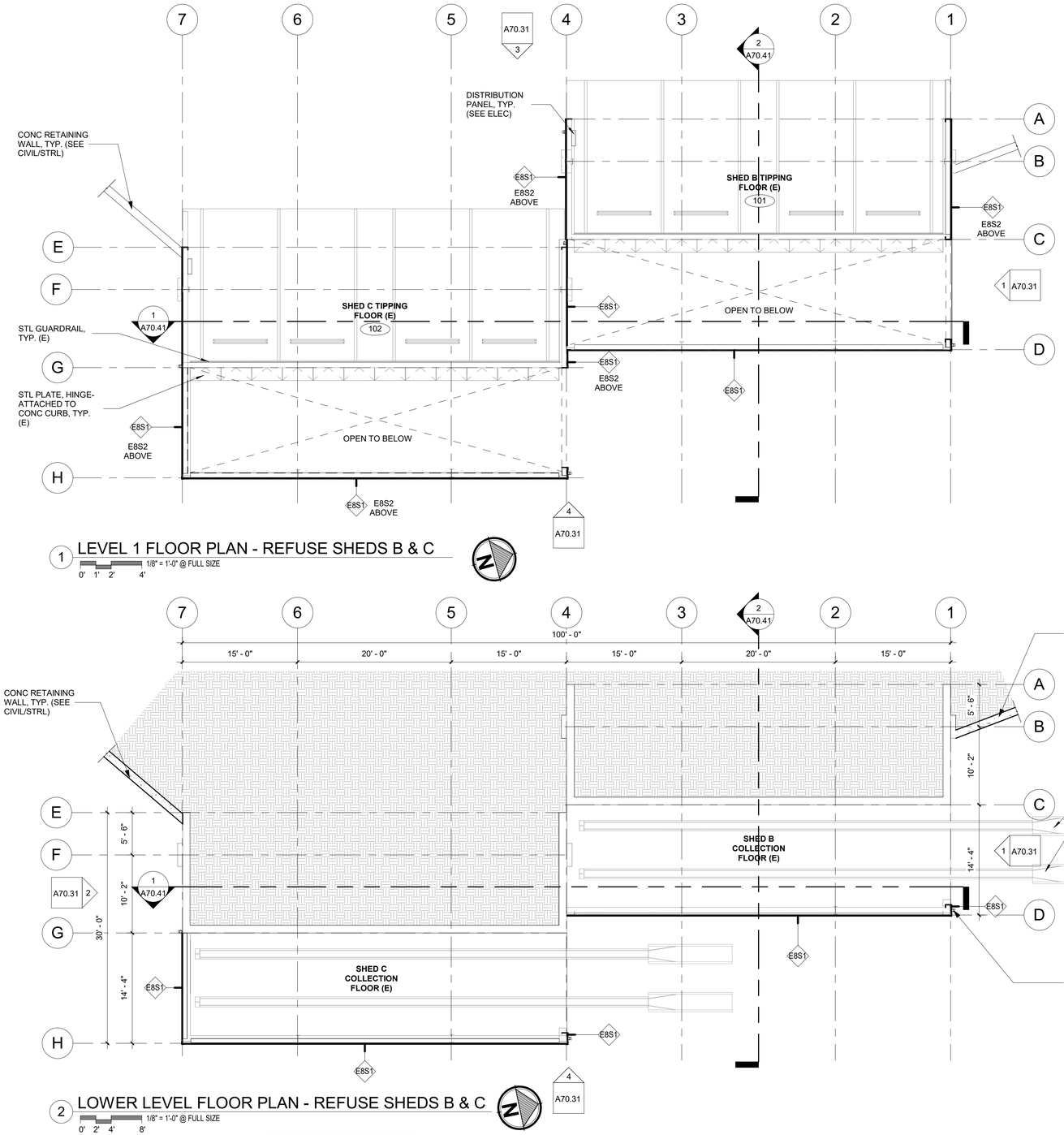
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHED D DEMO PLANS & ELEVATIONS

DRAWING NO.
174 OF 239

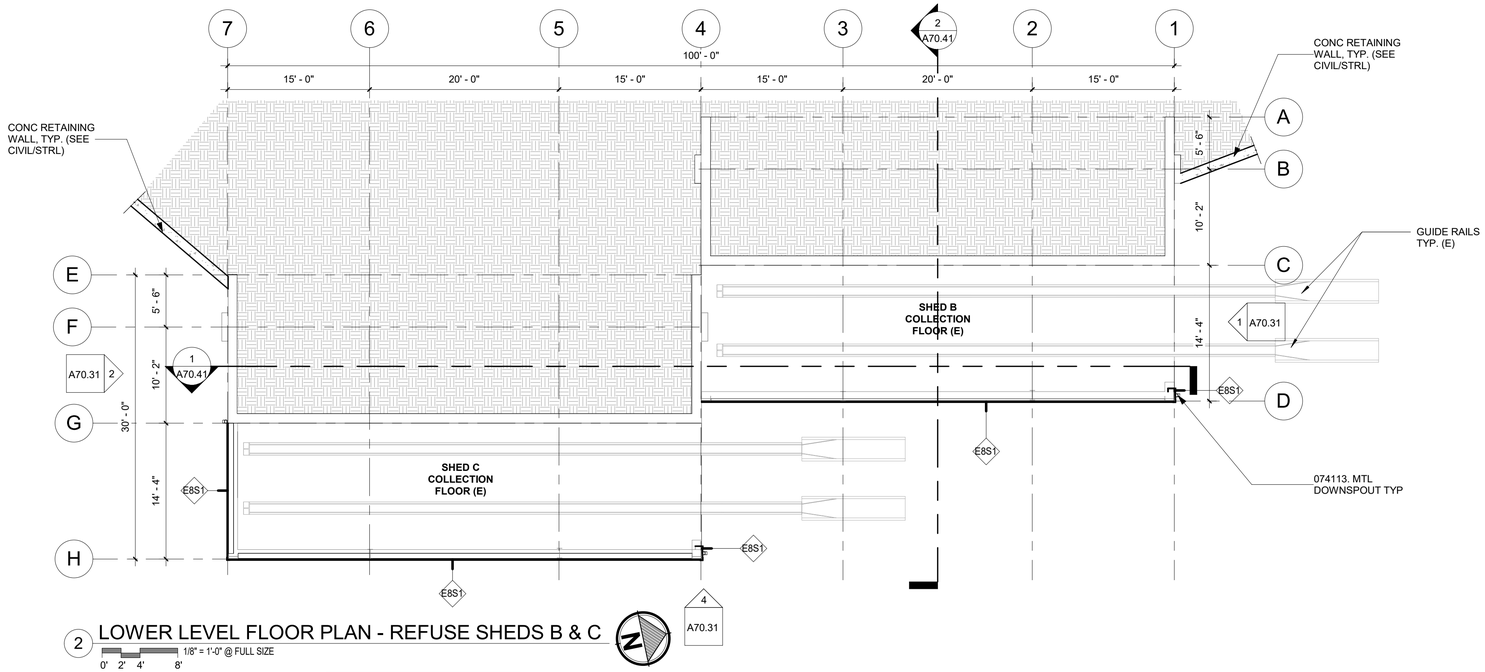
A70.04



1 LEVEL 1 FLOOR PLAN - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 1' 2' 4'



2 LOWER LEVEL FLOOR PLAN - REFUSE SHEDS B & C

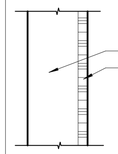
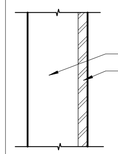
1/8" = 1'-0" @ FULL SIZE

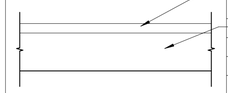
0' 2' 4' 8'

NOTE:
FOR ELECTRICAL AND STRUCTURAL SYSTEMS, REFER TO ENGINEERING DRAWINGS, SCHEDULES AND SPECIFICATIONS

FLOOR PLAN GENERAL NOTES

A. DRAWINGS ARE SHOWN TO SCALE AS NOTED AS AIDS IN DETERMINING SIZE AND PROPORTION. ONLY WRITTEN DESCRIPTIONS AND SIZES SHALL BE UTILIZED FOR CONSTRUCTION. DRAWINGS SHALL NOT BE SCALED.
B. UNLESS NOTED OTHERWISE, DIMENSIONS ON PLANS ARE:
   - FACE OF STUD (F.O.S.)
   - CENTERLINE OF COLUMNS
C. FIXTURES AND EQUIPMENT SHOWN ARE FOR COORDINATION PURPOSES ONLY. REFER TO THE MANUFACTURER'S PRODUCT DATA, ENGINEERING DRAWINGS, AND SPECIFICATIONS FOR FIXTURE AND EQUIPMENT DESCRIPTIONS AND LOCATIONS.
D. PRESERVATION OF ADJACENT OR EXISTING CONSTRUCTION:
   - AVOID DAMAGE TO EXISTING STRUCTURES, SIDEWALKS, CURBS, PAVING AND LANDSCAPING.
   - PATCH, REPAIR, OR REPLACE ANY ITEMS DAMAGED, OR AS DIRECTED BY THE PROPERTY OWNER.
E. AVOID UNNECESSARY DISRUPTIONS TO THE FUNCTIONS AND ACTIVITIES OF ADJACENT BUILDINGS.
F. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES OR CONFLICTING DATA TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING WORK.
G. UNLESS NOTED OTHERWISE, INSTALL DOORS WITH 4" FROM HINGE SIDE OF DOOR TO ADJACENT WALL FRAMING.
H. CONTRACTOR TO VERIFY EXISTING DIMENSIONS ON SITE PRIOR TO ORDERING MATERIALS
I. GENERAL CONTRACTOR TO COORDINATE EXISTING FFE WITH CIVIL DRAWINGS.

EXTERIOR WALL TYPE	MATERIAL	DESCRIPTION
E8S2		WALL Z GIRT (E) POLYCARBONATE SIDING PANEL BY SUNSKY OR APPROVED EQUAL (MATCH PROFILE AND PROVIDE OVERLAP WITH METAL PANEL BELOW)
E8S1		WALL Z GIRT (E) METAL SIDING PANEL BY AEP SPAN OR APPROVED EQUAL

ROOF TYPE	MATERIAL	DESCRIPTION
RF-1		METAL PANEL ROOFING BY AEP SPAN OR APPROVED EQUAL ROOF Z PURLIN (E)

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN AD
CHECKED DG
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
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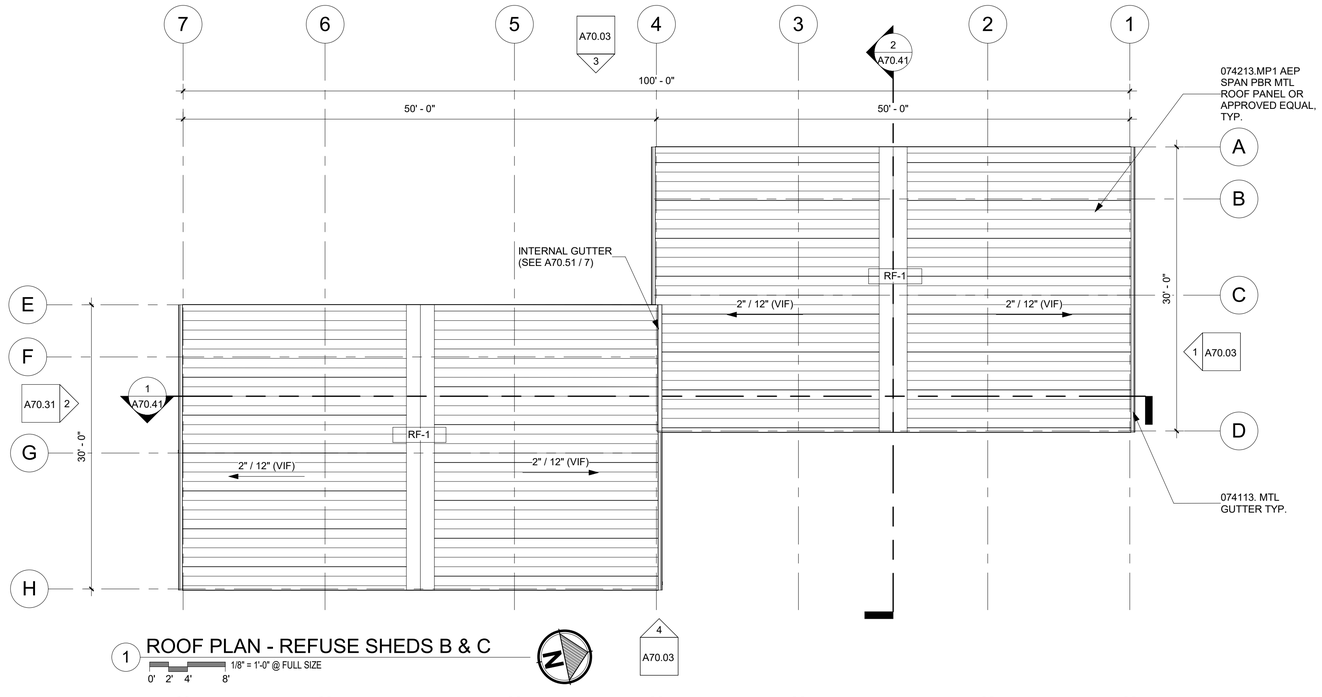
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHEDS B & C FLOOR PLANS

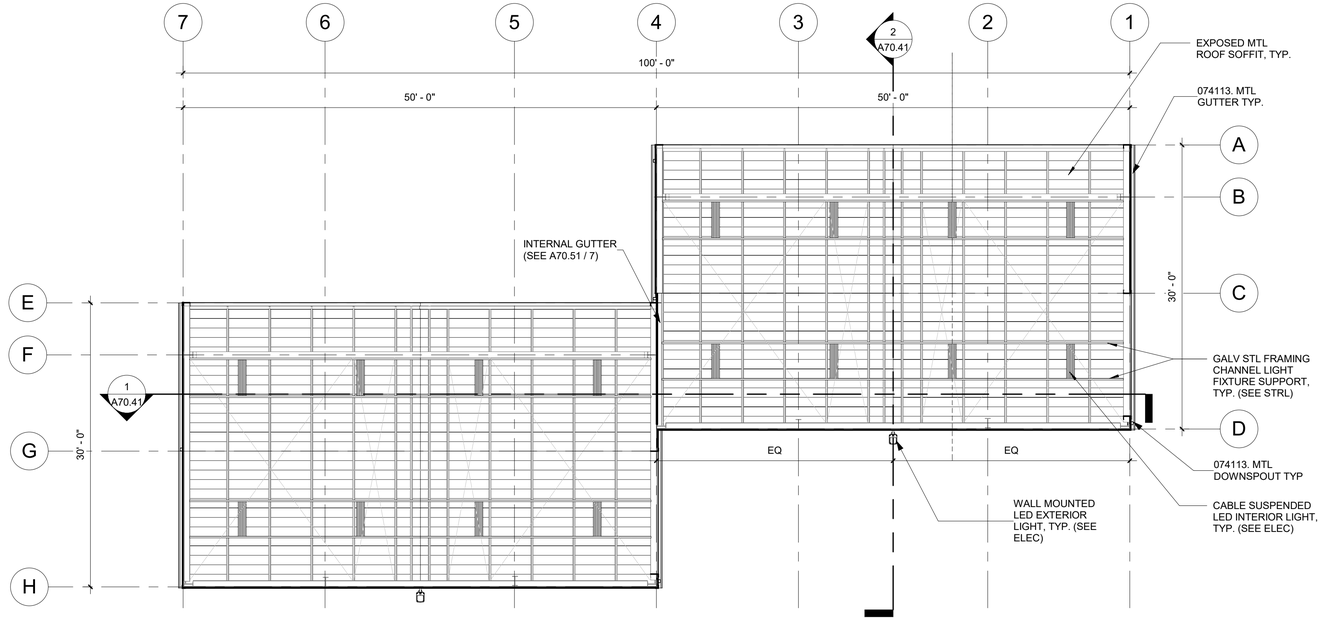
DRAWING NO.
175 OF 239
A70.11



1 ROOF PLAN - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'



2 REFLECTED CEILING PLAN - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN AD
CHECKED DG
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT Alex E. Rolluda STATE OF WASHINGTON

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
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PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHEDS B & C ROOF PLAN, REFLECTED CEILING PLAN

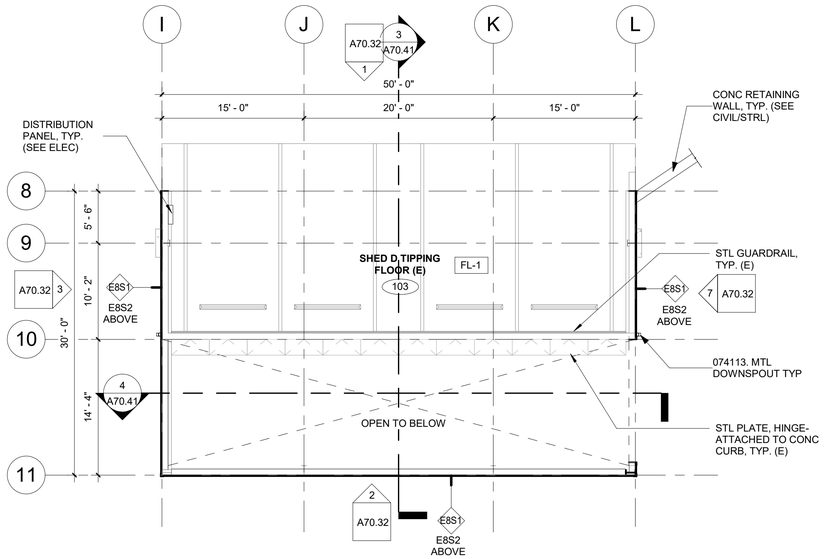
DRAWING NO. 176 OF 239

A70.12

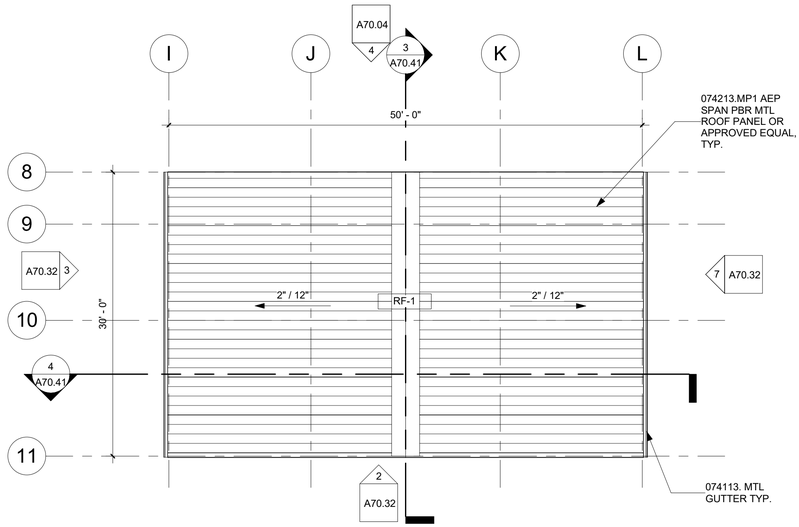
NOTE:
FOR ELECTRICAL AND STRUCTURAL SYSTEMS, REFER TO ENGINEERING DRAWINGS, SCHEDULES AND SPECIFICATIONS

FLOOR PLAN GENERAL NOTES

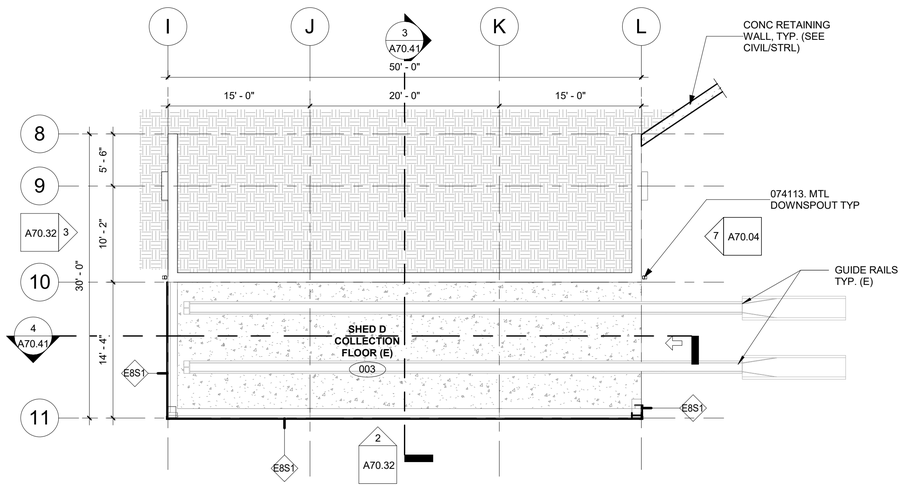
A. DRAWINGS ARE SHOWN TO SCALE AS NOTED AS AIDS IN DETERMINING SIZE AND PROPORTION. ONLY WRITTEN DESCRIPTIONS AND SIZES SHALL BE UTILIZED FOR CONSTRUCTION. DRAWINGS SHALL NOT BE SCALED.
B. UNLESS NOTED OTHERWISE, DIMENSIONS ON PLANS ARE:
   - FACE OF STUD (F.O.S.)
   - CENTERLINE OF COLUMNS
C. FIXTURES AND EQUIPMENT SHOWN ARE FOR COORDINATION PURPOSES ONLY. REFER TO THE MANUFACTURER'S PRODUCT DATA, ENGINEERING DRAWINGS, AND SPECIFICATIONS FOR FIXTURE AND EQUIPMENT DESCRIPTIONS AND LOCATIONS.
D. PRESERVATION OF ADJACENT OR EXISTING CONSTRUCTION:
   - AVOID DAMAGE TO EXISTING STRUCTURES, SIDEWALKS, CURBS, PAVING AND LANDSCAPING.
   - PATCH, REPAIR, OR REPLACE ANY ITEMS DAMAGED, OR AS DIRECTED BY THE PROPERTY OWNER.
E. AVOID UNNECESSARY DISRUPTIONS TO THE FUNCTIONS AND ACTIVITIES OF ADJACENT BUILDINGS.
F. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES OR CONFLICTING DATA TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING WORK.
G. UNLESS NOTED OTHERWISE, INSTALL DOORS WITH 4" FROM HINGE SIDE OF DOOR TO ADJACENT WALL FRAMING.
H. CONTRACTOR TO VERIFY EXISTING DIMENSIONS ON SITE PRIOR TO ORDERING MATERIALS
I. GENERAL CONTRACTOR TO COORDINATE EXISTING FFE WITH CIVIL DRAWINGS.



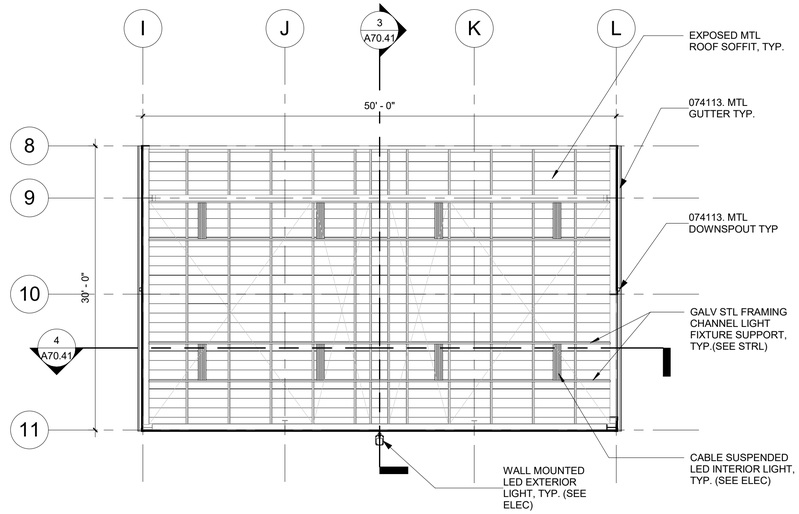
1 FLOOR PLAN - REFUSE SHED D LEVEL 1
1/8" = 1'-0" @ FULL SIZE
0' 2' 4' 8'



3 ROOF PLAN - REFUSE SHED D
1/8" = 1'-0" @ FULL SIZE
0' 2' 4' 8'



2 FLOOR PLAN - REFUSE SHED D LOWER LEVEL
1/8" = 1'-0" @ FULL SIZE
0' 1' 2' 4'



4 REFLECTED CEILING PLAN - REFUSE SHED D
1/8" = 1'-0" @ FULL SIZE
0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN AD
CHECKED DG
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

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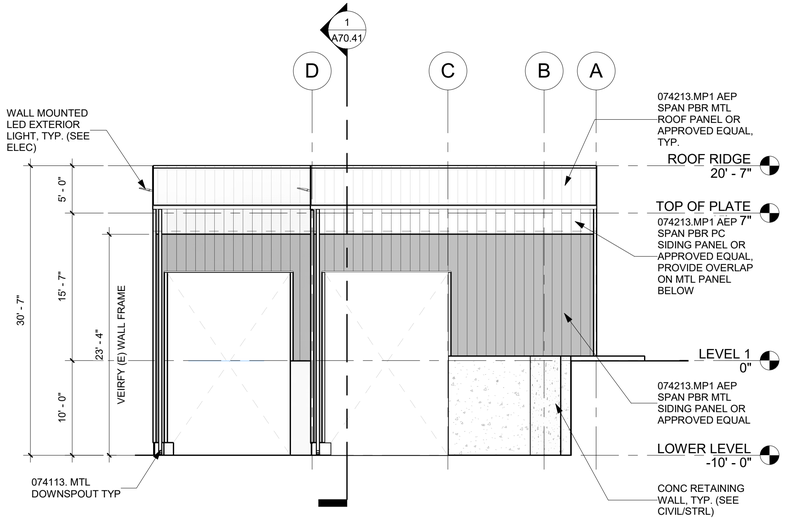
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHED D FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN

DRAWING NO.
177 OF 239
A70.13

EXTERIOR ELEVATION NOTES

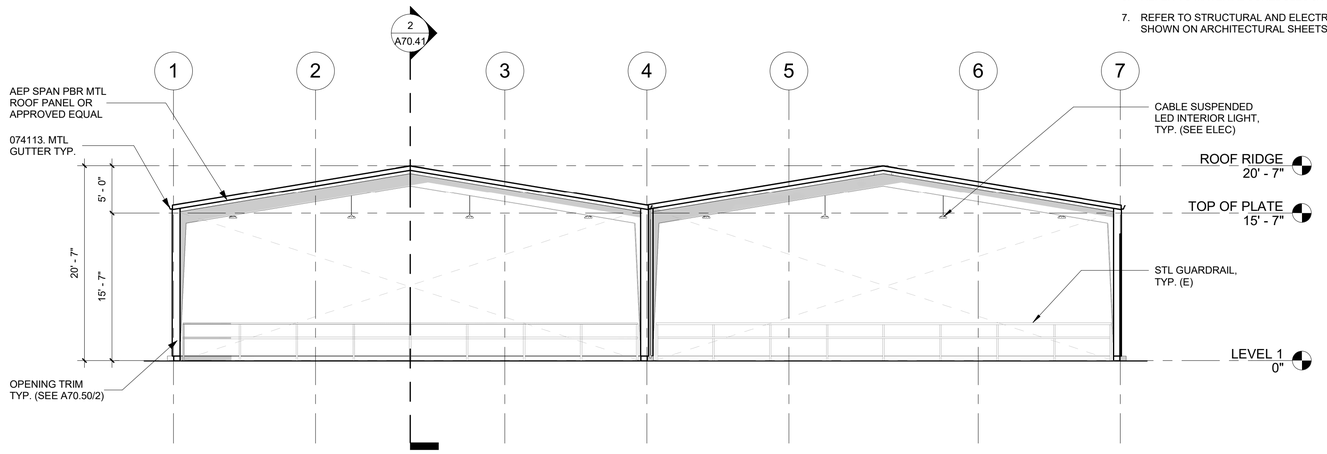
1. SEE RCP'S FOR ADDITIONAL INFORMATION ON MATERIAL AND FINISH LOCATIONS.
2. SEE BUILDING SECTIONS FOR WALL HEIGHTS NOT SHOWN ON THIS SHEET.
3. GENERAL CONTRACTOR TO VERIFY EXISTING FFE.
4. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK
5. REPAIR DAMAGED WALL AND ROOF FRAMING AFTER REMOVAL OF EXISTING PANELS AS NEEDED BEFORE STARTING THE INSTALLATION OF NEW PANELS.
6. REFER TO MATERIAL SCHEDULES & FINISHES.
7. REFER TO STRUCTURAL AND ELECTRICAL DRAWINGS FOR WORK NOT SHOWN ON ARCHITECTURAL SHEETS.



1 NORTH ELEVATION - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

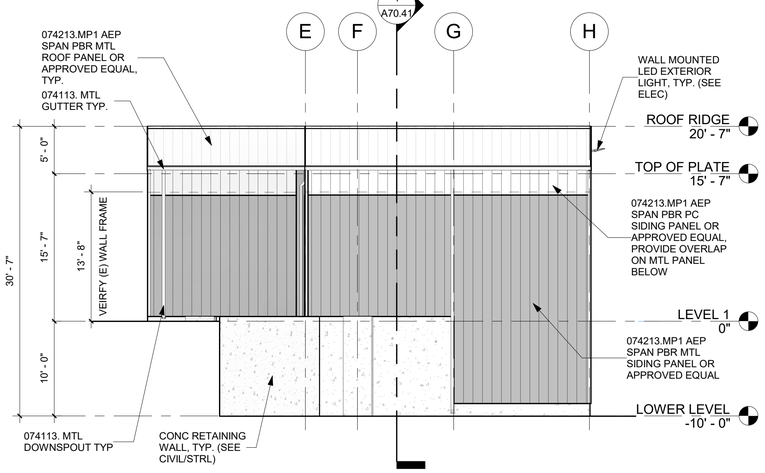
0' 2' 4' 8'



3 WEST ELEVATION - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

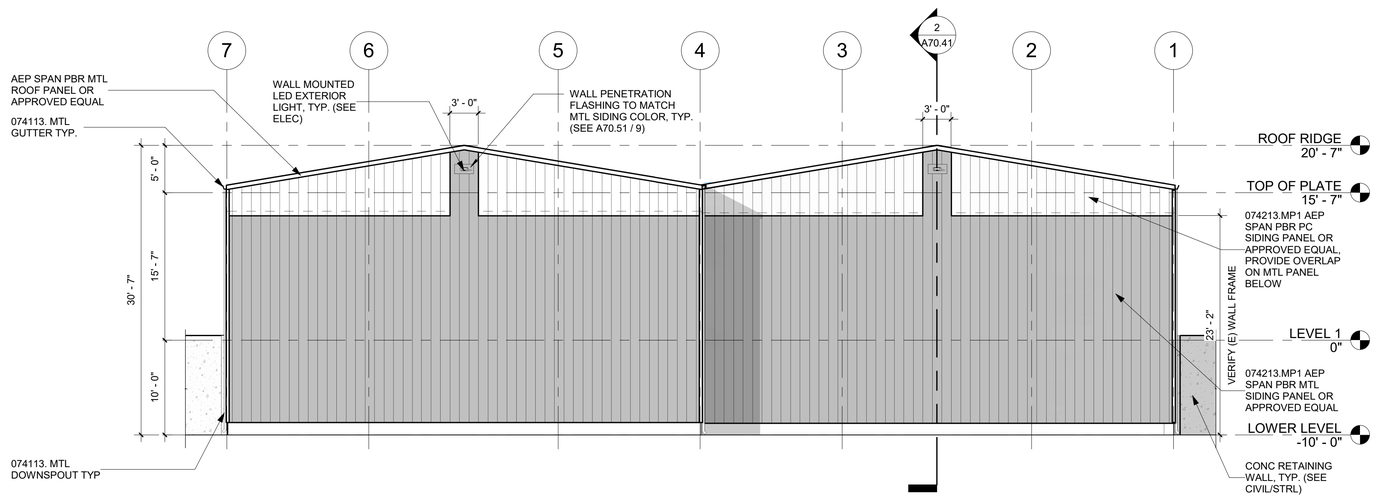
0' 1' 2' 4'



2 SOUTH ELEVATION - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'



4 EAST ELEVATION - REFUSE SHEDS B & C

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED Designer
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
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PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHEDS B & C EXTERIOR ELEVATIONS

DRAWING NO. 178 OF 239

A70.31

EXTERIOR ELEVATION NOTES

1. SEE RCP'S FOR ADDITIONAL INFORMATION ON MATERIAL AND FINISH LOCATIONS.
2. SEE BUILDING SECTIONS FOR WALL HEIGHTS NOT SHOWN ON THIS SHEET.
3. GENERAL CONTRACTOR TO VERIFY EXISTING FFE.
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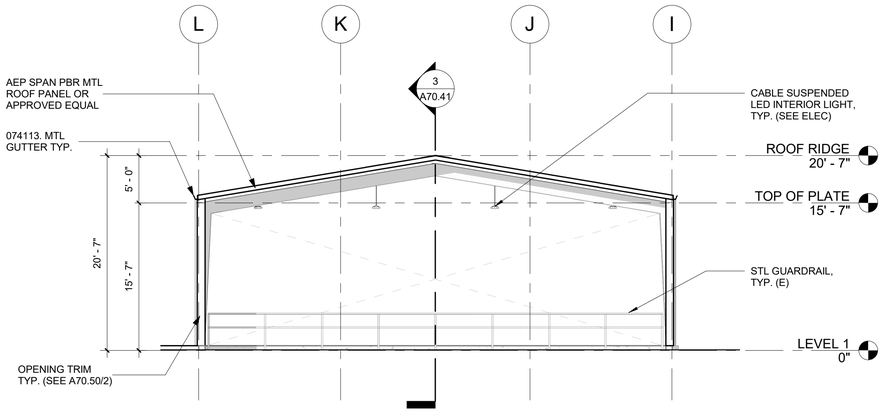
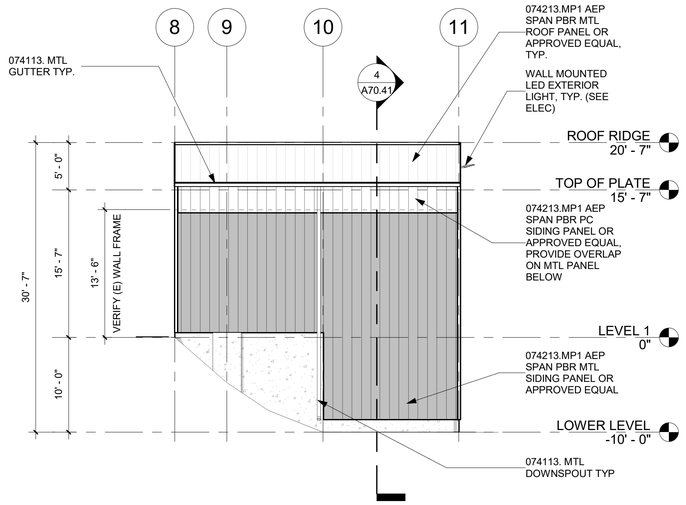


1 NORTH ELEVATION - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

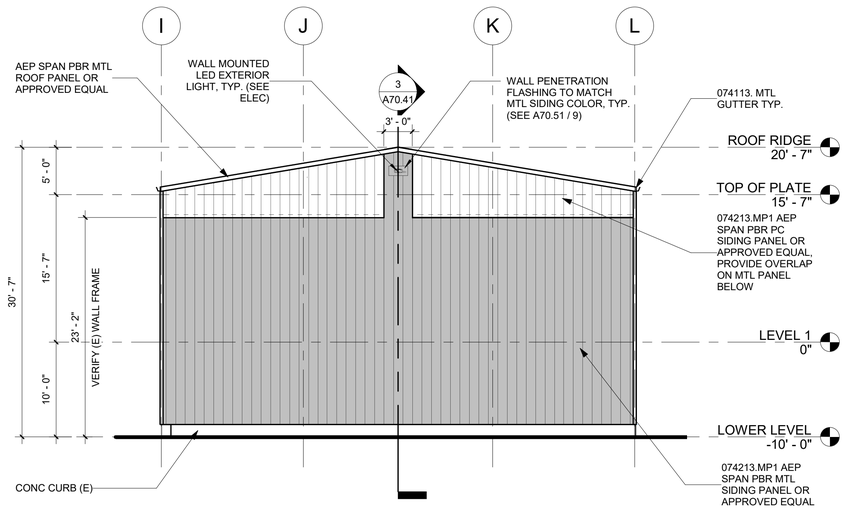
0' 2' 4' 8'



3 WEST ELEVATION - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

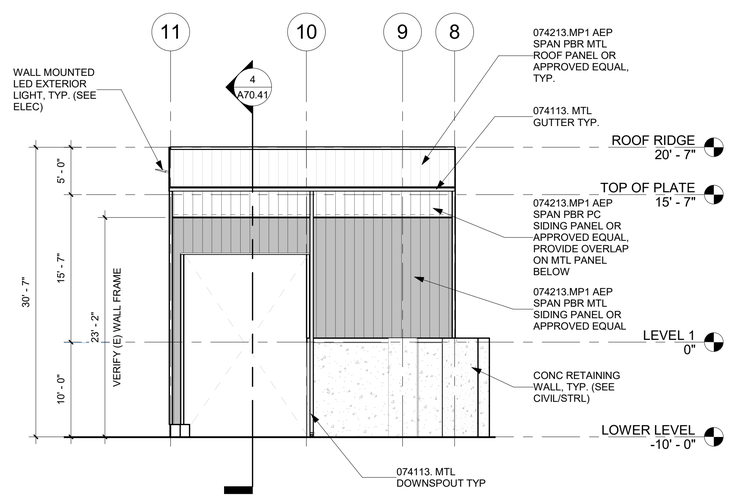
0' 2' 4' 8'



2 SOUTH ELEVATION - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'



4 EAST ELEVATION - REFUSE SHED D

1/8" = 1'-0" @ FULL SIZE

0' 2' 4' 8'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED: Designer
DRAWN: LCG
CHECKED: Checker
APPROVED: Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
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PROJECT NAME

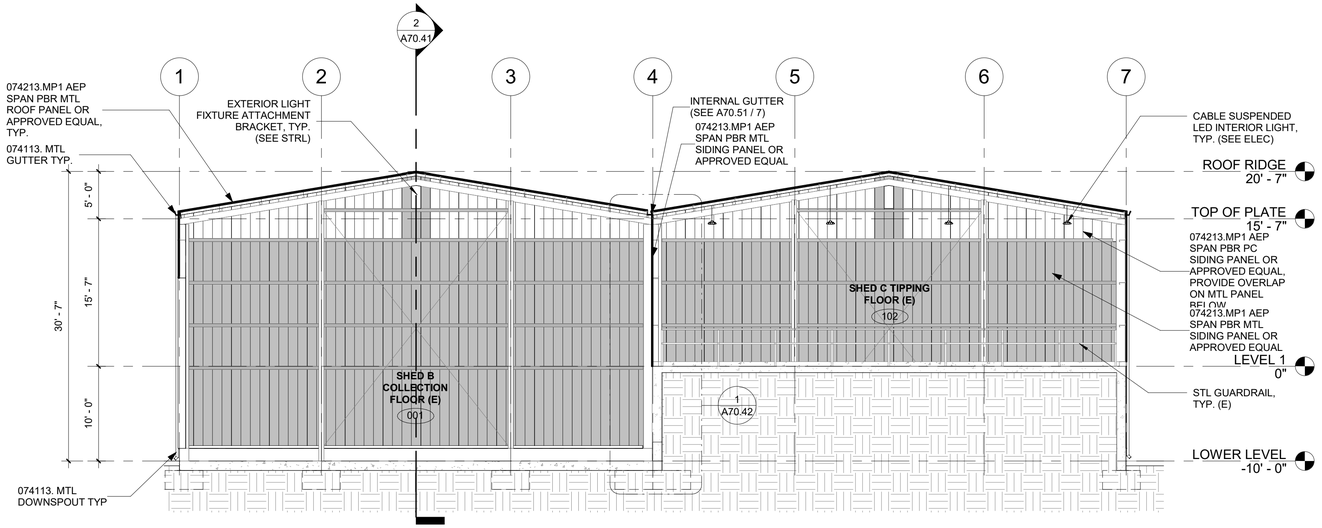
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHED D EXTERIOR ELEVATIONS

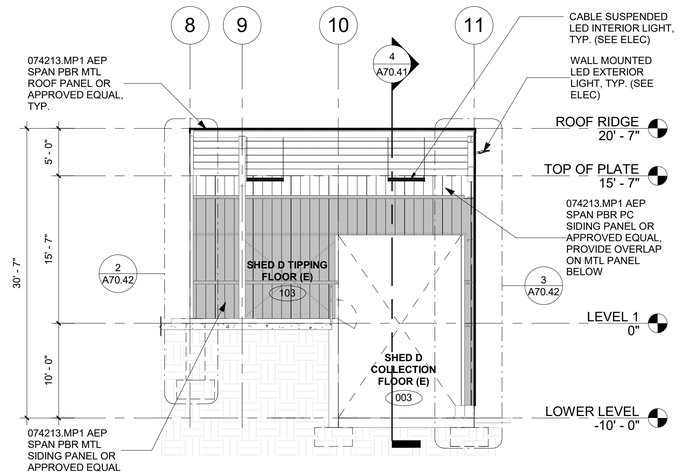
DRAWING NO. 179 OF 239

A70.32



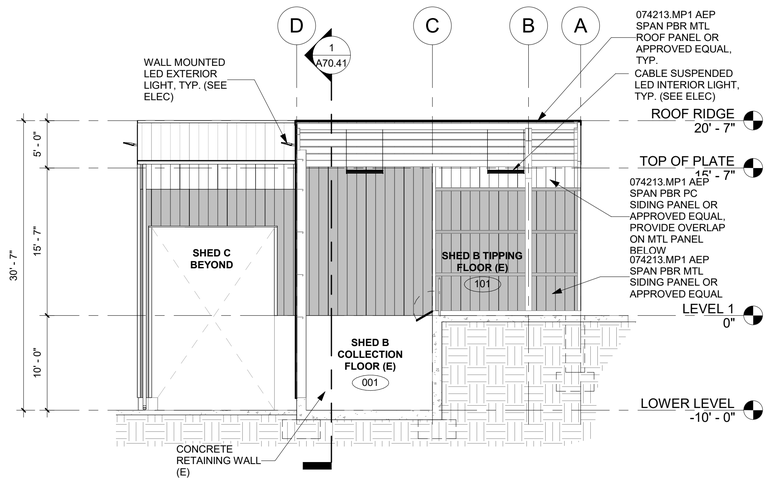
1 N/S SECTION - REFUSE SHEDS B & C

0' 2' 4' 8' 1/8" = 1'-0" @ FULL SIZE



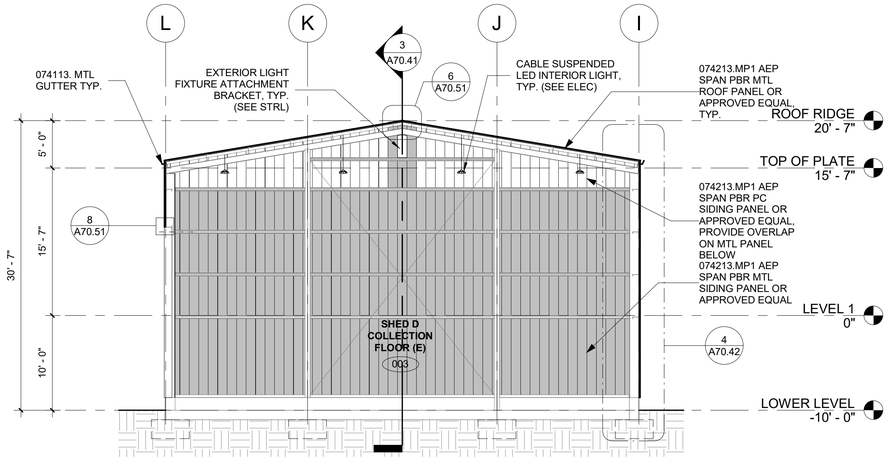
3 N/S SECTION - REFUSE SHED D

0' 2' 4' 8' 1/8" = 1'-0" @ FULL SIZE



2 E/W SECTION - REFUSE SHEDS B & C

0' 2' 4' 8' 1/8" = 1'-0" @ FULL SIZE



4 E/W SECTION - REFUSE SHED D

0' 2' 4' 8' 1/8" = 1'-0" @ FULL SIZE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN Author
CHECKED Checker
APPROVED Approver

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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JOB No. 21090
DATE AUGUST 2025

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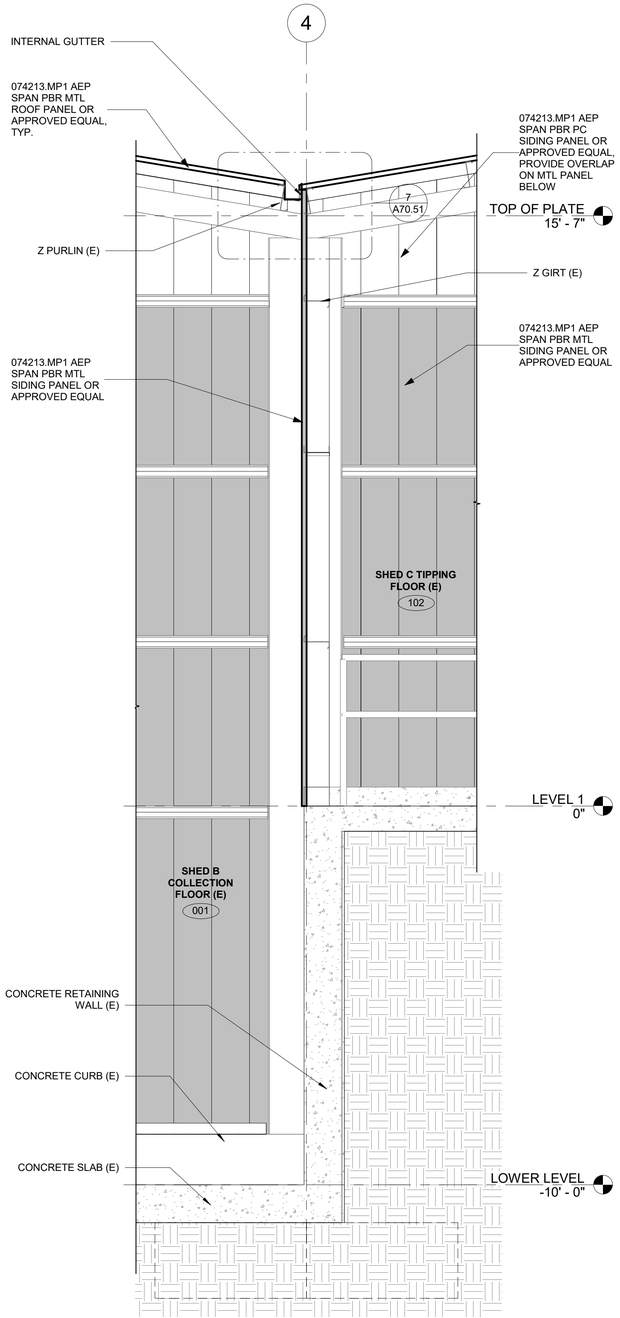
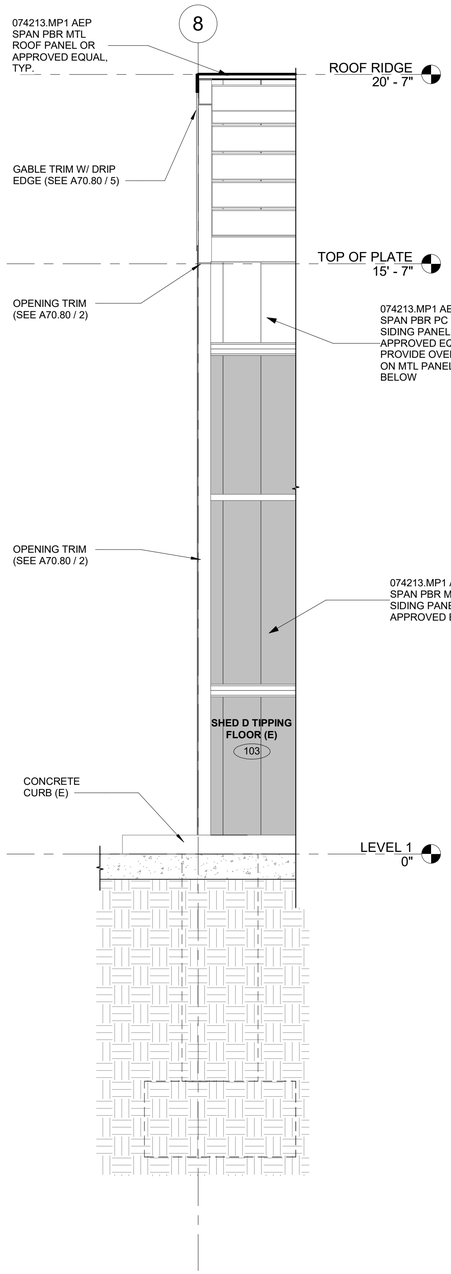
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHEDS B, C, & D BUILDING SECTIONS

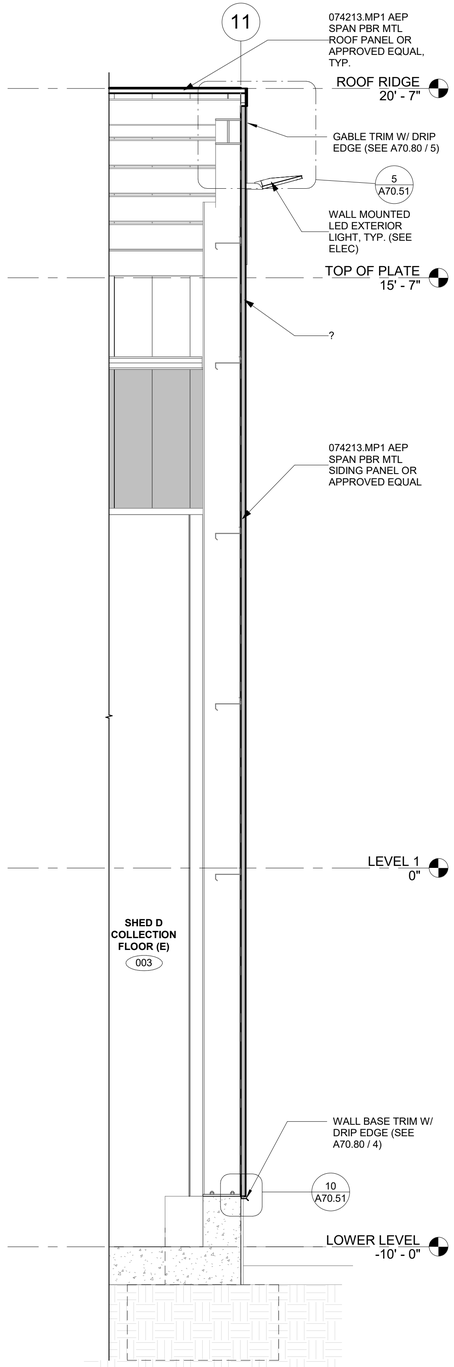
DRAWING NO.
180 OF 239
A70.41



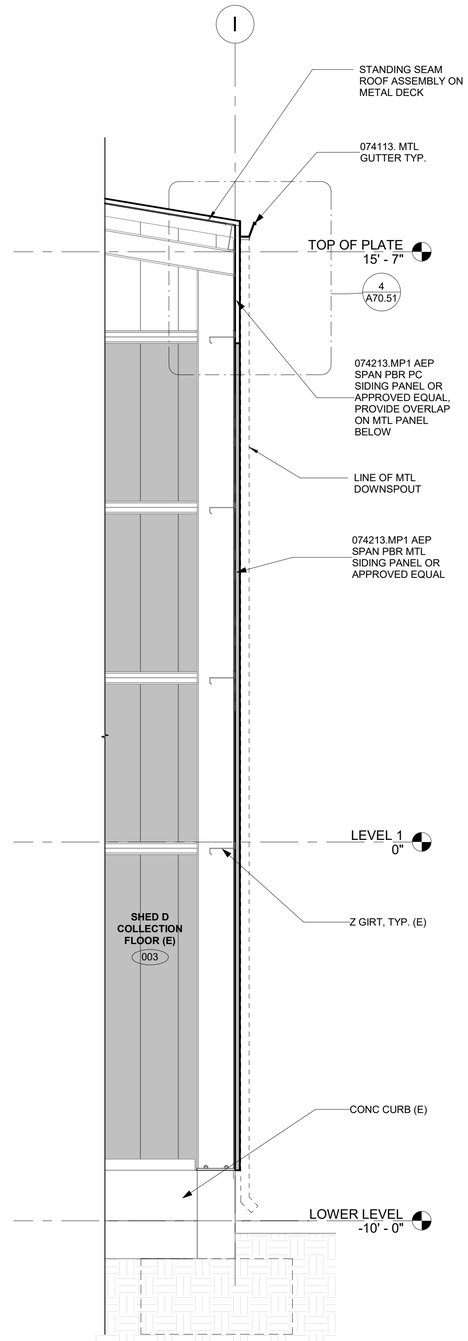
1 WALL SECTION 1
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'



2 WALL SECTION 2
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'



3 WALL SECTION 3
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'



4 WALL SECTION 4
1/2" = 1'-0" @ FULL SIZE
0' 6" 1' 2'

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN AD
CHECKED DG
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
JOB No. 21090
DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
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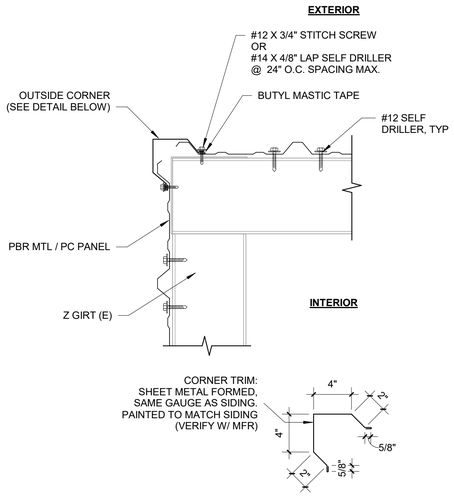
WWW.PARAMETRIX.COM

PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY
KITSAP COUNTY, WASHINGTON

REFUSE SHEDS B, C, & D WALL SECTIONS

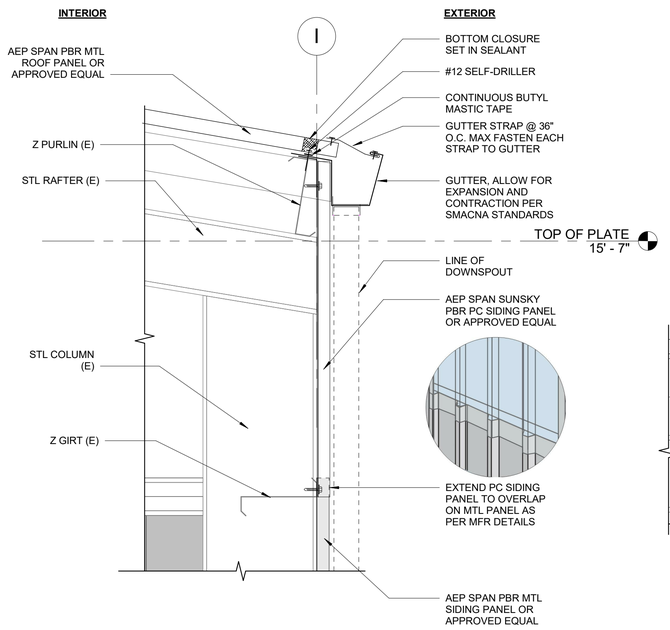
DRAWING NO.
181 OF 239
A70.42



1 TYPICAL EXTERIOR CORNER TRIM

1 1/2" = 1'-0" @ FULL SIZE

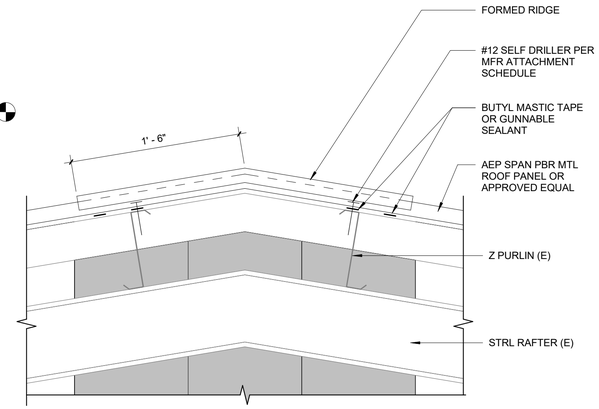
0' 2" 4" 8"



4 GUTTER EDGE

1 1/2" = 1'-0" @ FULL SIZE

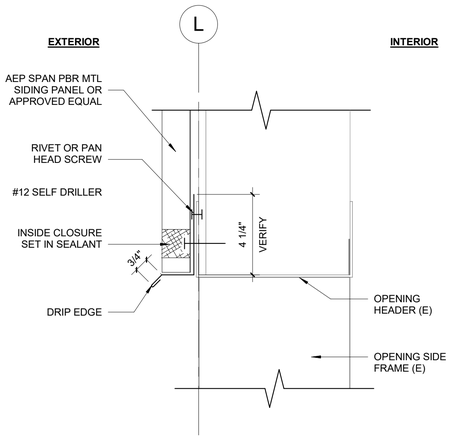
0' 2" 4" 8"



6 ROOF RIDGE

1 1/2" = 1'-0" @ FULL SIZE

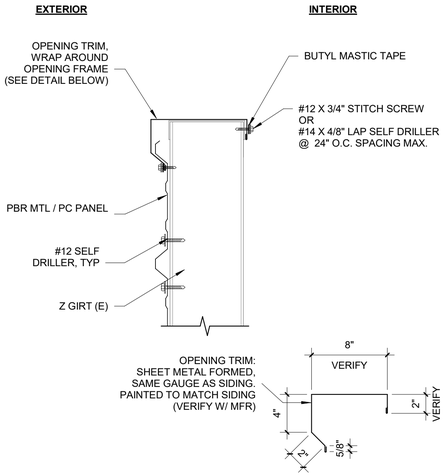
0' 2" 4" 8"



8 OPENING HEADER

3" = 1'-0" @ FULL SIZE

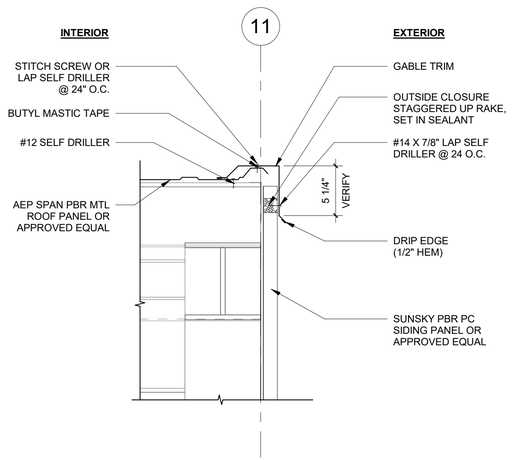
0' 1" 2" 4"



2 TYPICAL OPENING TRIM

1 1/2" = 1'-0" @ FULL SIZE

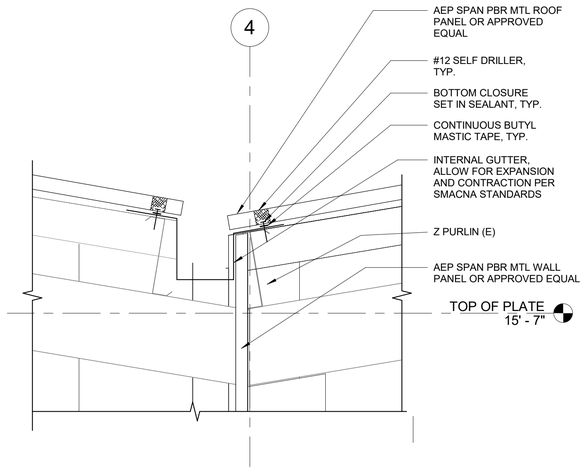
0' 2" 4" 8"



5 ROOF RAKE

1 1/2" = 1'-0" @ FULL SIZE

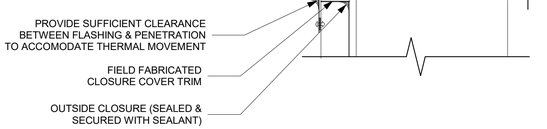
0' 2" 4" 8"



7 INTERNAL GUTTER

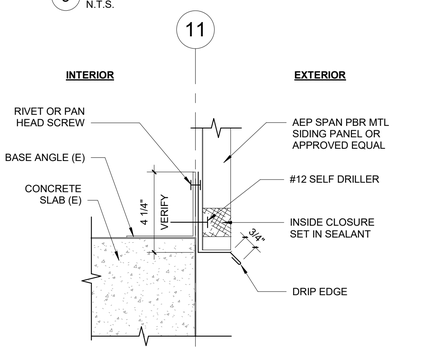
1 1/2" = 1'-0" @ FULL SIZE

0' 2" 4" 8"



9 WALL PENETRATION

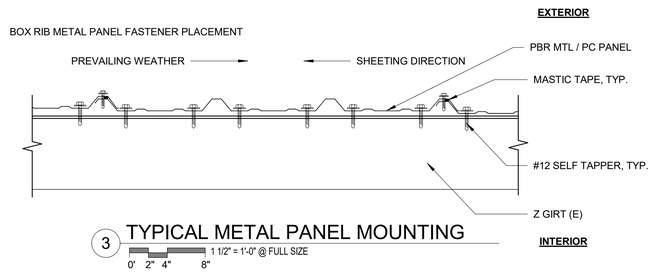
N.T.S.



10 WALL BASE TRIM

3" = 1'-0" @ FULL SIZE

0' 2" 4" 8"



3 TYPICAL METAL PANEL MOUNTING

1 1/2" = 1'-0" @ FULL SIZE

0' 2" 4" 8"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED DS
DRAWN AD
CHECKED DG
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME

JOB No. 21090

DATE AUGUST 2025

6250 REGISTERED ARCHITECT
Alex E. Rolluda
STATE OF WASHINGTON

KITSAP COUNTY
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PROJECT NAME

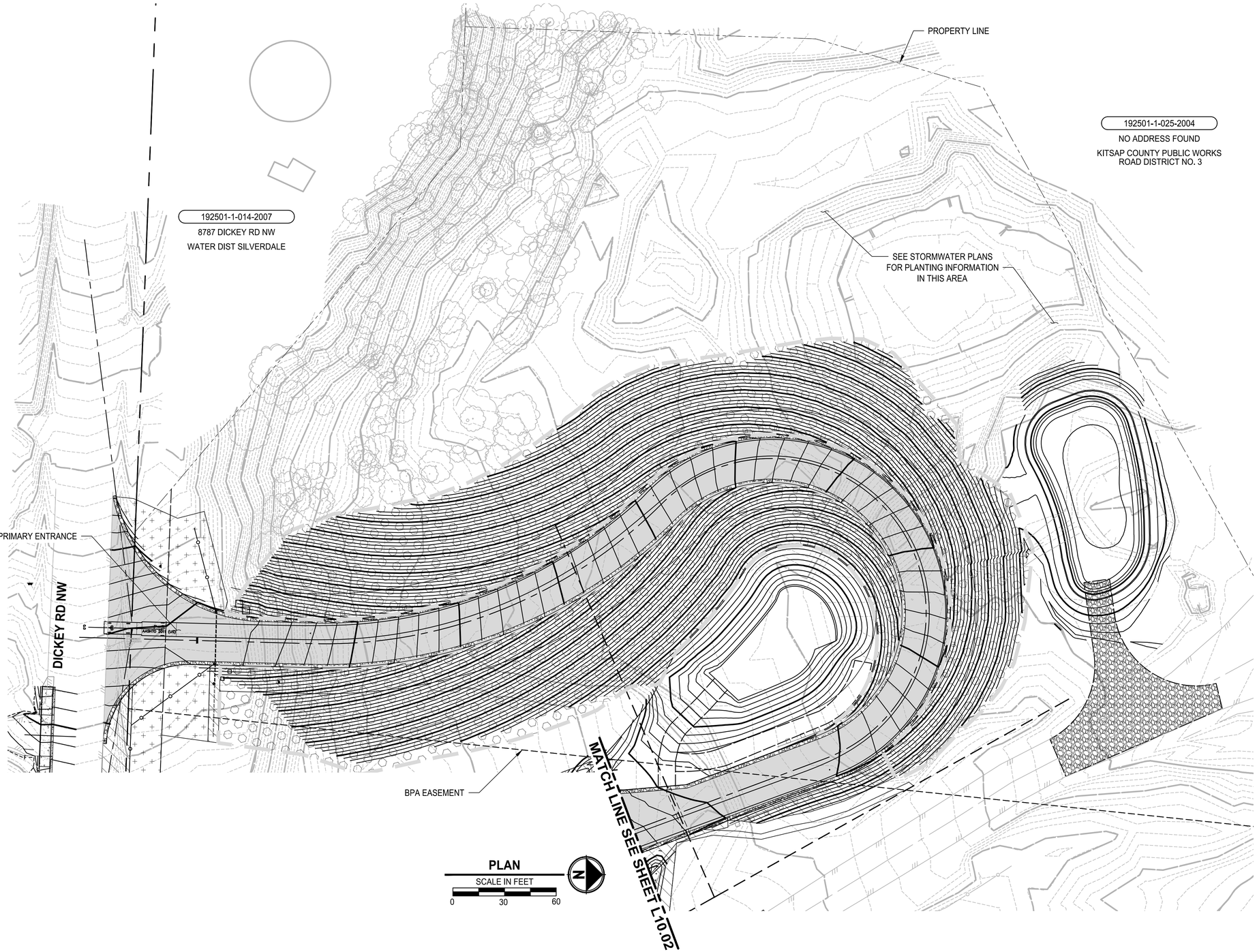
SILVERDALE RECYCLING AND GARBAGE FACILITY

KITSAP COUNTY, WASHINGTON

REFUSE SHEDS B, C, & D DETAILS

DRAWING NO.
182 OF 239

A70.51



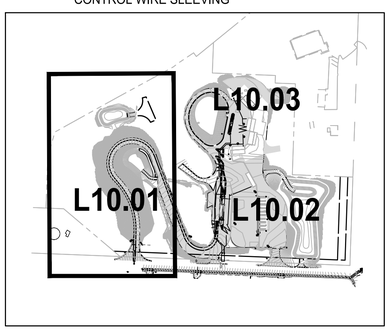
PLAN
SCALE IN FEET
0 30 60

LANDSCAPE CONSTRUCTION KEY NOTES:

1. INSTALL SOIL AMENDMENT PER DETAIL 1 SHEET L10.04
2. INSTALL TOPSOIL PER DETAIL 3 ON SHEET L10.04
3. INSTALL IRRIGATION SYSTEM WITH ABOVE GRADE LATERAL LINES AND SPRINKLERS ON FIXED RISERS - PER DETAILS ON SHEET L10.06
4. INSTALL IRRIGATION BELOW GRADE WITH POPUP SPRAY SPINKLER - PER DETAILS ON SHEET L10.06
5. PLACE 3" DEPTH WOOD CHIP MULCH
6. PLACE 2" DEPTH MEDIUM BARK MULCH
7. SEE SHEET C30.02 WATER LINE LOCATION AND SHEET L10.06 FOR IRRIGATION POINT OF CONNECTION DETAILS
8. SEE SHEET E50.01 FOR IRRIGATION CONTROLLER LOCATION INSTALL MAINLINE AS NEEDED FOR TEMPORARY AND PERMANENT IRRIGATION SYSTEMS AND PER DETAILS ON SHEET L10.06
9. INSTALL SLEEVING WHERE NEEDED FOR ROUTING OF IRRIGATION PIPES AND IRRIGATION CONTROL WIRING
10. INSTALL EROSION CONTROL BLANKET PER DETAIL ON SHEET L10.04

LEGEND

- SEEDING AREA (1)
- DROUGHT TOLERANT BUFFER PLANTING AREA (1) (3) (7)
- SLOPE RESTORATION PLANTING AREA (1) (3) (7)
- FACILITY PLANTING AREA (2) (4) (6)
- BIG LEAF MAPLE / ACER MACROPHYLLUM
- SHORE PINE / PINUS CONTORTA VAR. CONTORTA
- DOUGLAS FIR / PSEUDOTSUGA MENZIESII
- WESTERN RED CEDAR / THUJA PLICATA
- EROSION CONTROL BLANKET AREA EXTENTS (10)
- POC — IRRIGATION POINT OF CONNECTION (7)
- C — CENTRAL IRRIGATION CONTROLLER (8)
- SUGGESTED LOCATION FOR IRRIGATION MAINLINE
- SUGGESTED LOCATIONS FOR IRRIGATION PIPE AND CONTROL WIRE SLEEVING (9)



KEY MAP
SCALE IN FEET
0 300 600

ISSUE FOR BID

PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX
LAYOUT: L10.01 PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 7:04:58 PM

	REVISIONS	DATE	BY

DESIGNED J. CERALDE
DRAWN J. CERALDE
CHECKED J. SWENSON
APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155–L10.01
JOB No. 553-1578-155
DATE AUGUST 2025

STATE OF WASHINGTON · JASON JOSE CERALDE · No. 20189444 EXP. 09/12/2025 · LANDSCAPE ARCHITECT
4/1/25

KITSAP COUNTY
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719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
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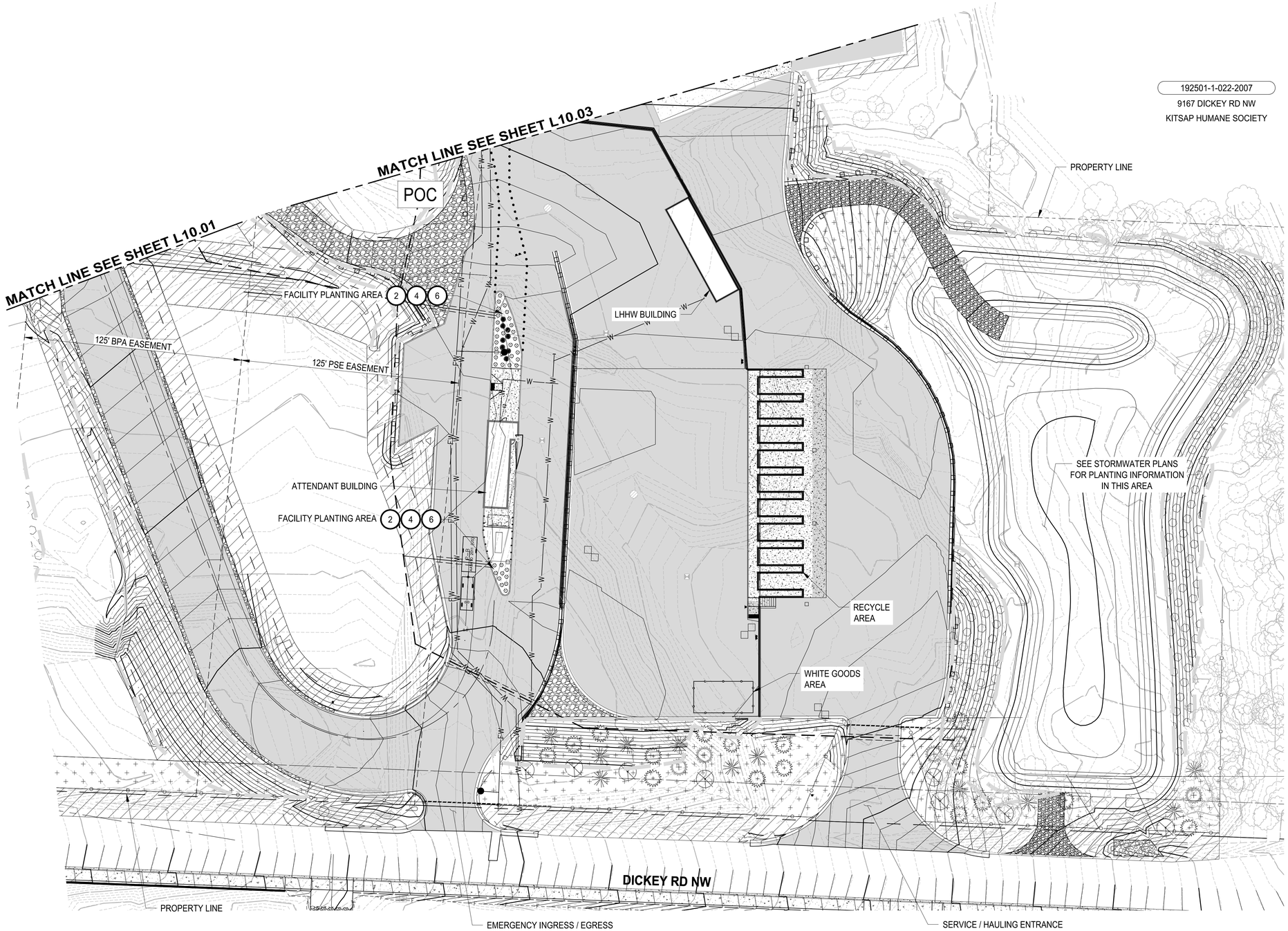
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LANDSCAPE PLAN SHEET 1

DRAWING NO.
183 OF 239
L10.01

PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Monday, March 31, 2025 3:17:08 PM
LAYOUT: L10.02



PLAN
SCALE IN FEET
0 30 60

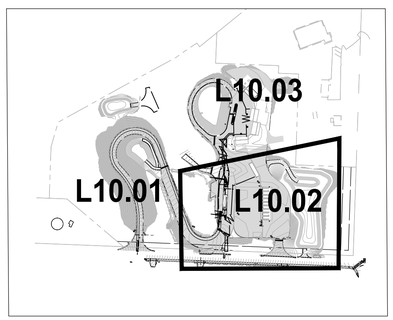
192501-1-022-2007
9167 DICKEY RD NW
KITSAP HUMANE SOCIETY

LANDSCAPE CONSTRUCTION KEY NOTES:

1. INSTALL SOIL AMENDMENT PER DETAIL 1 SHEET L10.04
2. INSTALL TOPSOIL PER DETAIL 3 ON SHEET L10.04
3. INSTALL IRRIGATION SYSTEM WITH ABOVE GRADE LATERAL LINES AND SPRINKLERS ON FIXED RISERS - PER DETAILS ON SHEET L10.06
4. INSTALL IRRIGATION BELOW GRADE WITH POPUP SPRAY SPINKLER - PER DETAILS ON SHEET L10.06
5. PLACE 3" DEPTH WOOD CHIP MULCH
6. PLACE 2" DEPTH MEDIUM BARK MULCH
7. SEE SHEET C30.02 WATER LINE LOCATION AND SHEET L10.06 FOR IRRIGATION POINT OF CONNECTION DETAILS
8. SEE SHEET E50.01 FOR IRRIGATION CONTROLLER LOCATION INSTALL MAINLINE AS NEEDED FOR TEMPORARY AND PERMANENT IRRIGATION SYSTEMS AND PER DETAILS ON SHEET L10.06
9. INSTALL SLEEVING WHERE NEEDED FOR ROUTING OF IRRIGATION PIPES AND IRRIGATION CONTROL WIRING
10. INSTALL EROSION CONTROL BLANKET PER DETAIL ON SHEET L10.04

LEGEND

- SEEDING AREA (1)
- DROUGHT TOLERANT BUFFER PLANTING AREA (1) (3) (7)
- SLOPE RESTORATION PLANTING AREA (1) (3) (7)
- FACILITY PLANTING AREA (2) (4) (6)
- BIG LEAF MAPLE / ACER MACROPHYLLUM
- SHORE PINE / PINUS CONTORTA VAR. CONTORTA
- DOUGLAS FIR / PSEUDOTSUGA MENZIESII
- WESTERN RED CEDAR / THUJA PLICATA
- EROSION CONTROL BLANKET AREA EXTENTS (10)
- POC — IRRIGATION POINT OF CONNECTION (7)
- C — CENTRAL IRRIGATION CONTROLLER (8)
- SUGGESTED LOCATION FOR IRRIGATION MAINLINE
- SUGGESTED LOCATIONS FOR IRRIGATION PIPE AND CONTROL WIRE SLEEVING (9)



KEY MAP
SCALE IN FEET
0 300 600

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. CERALDE
DRAWN J. CERALDE
CHECKED J. SWENSON
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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STATE OF WASHINGTON · JASON JOSE CERALDE · NO. 21818444 EXP 09/29/2025 · LANDSCAPE ARCHITECT · 4/1/25

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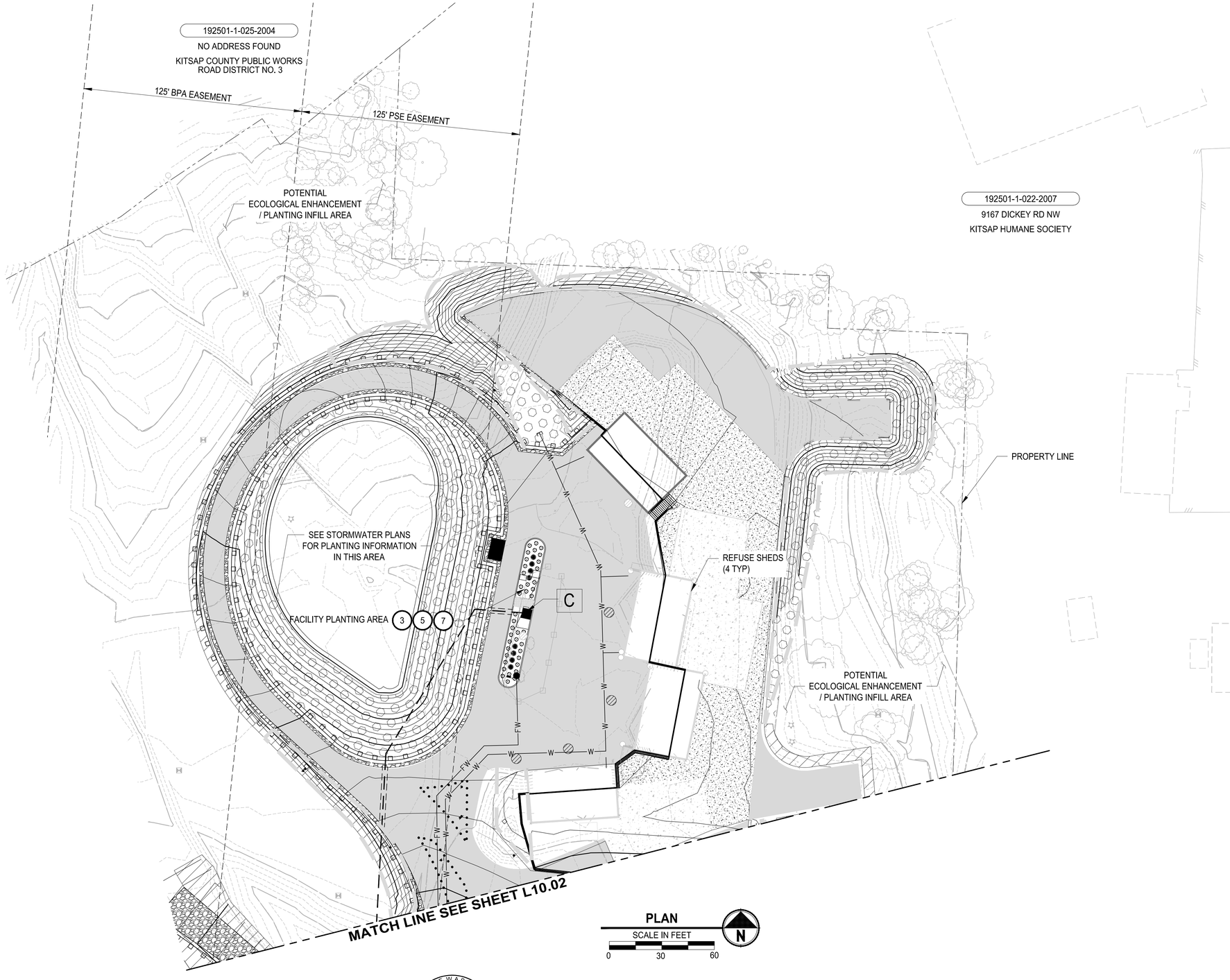
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LANDSCAPE PLAN SHEET 2

DRAWING NO.
184 OF 239
L10.02



PLAN
SCALE IN FEET
0 30 60

LANDSCAPE CONSTRUCTION KEY NOTES:

1. INSTALL SOIL AMENDMENT PER DETAIL 1 SHEET L10.04
2. INSTALL TOPSOIL PER DETAIL 3 ON SHEET L10.04
3. INSTALL IRRIGATION SYSTEM WITH ABOVE GRADE LATERAL LINES AND SPRINKLERS ON FIXED RISERS - PER DETAILS ON SHEET L10.06
4. INSTALL IRRIGATION BELOW GRADE WITH POPUP SPRAY SPINKLER - PER DETAILS ON SHEET L10.06
5. PLACE 3" DEPTH WOOD CHIP MULCH
6. PLACE 2" DEPTH MEDIUM BARK MULCH
7. SEE SHEET C30.02 WATER LINE LOCATION AND SHEET L10.06 FOR IRRIGATION POINT OF CONNECTION DETAILS
8. SEE SHEET E50.01 FOR IRRIGATION CONTROLLER LOCATION
   INSTALL MAINLINE AS NEEDED FOR TEMPORARY AND PERMANENT IRRIGATION SYSTEMS AND PER DETAILS ON SHEET L10.06
9. INSTALL SLEEVING WHERE NEEDED FOR ROUTING OF IRRIGATION PIPES AND IRRIGATION CONTROL WIRING
10. INSTALL EROSION CONTROL BLANKET PER DETAIL ON SHEET L10.04

LEGEND

- SEEDING AREA (1)
- DROUGHT TOLERANT BUFFER PLANTING AREA (1) (3) (7)
- SLOPE RESTORATION PLANTING AREA (1) (3) (7)
- FACILITY PLANTING AREA (2) (4) (6)
- BIG LEAF MAPLE / ACER MACROPHYLLUM
- SHORE PINE / PINUS CONTORTA VAR. CONTORTA
- DOUGLAS FIR / PSEUDOTSUGA MENZIESII
- WESTERN RED CEDAR / THUJA PLICATA
- EROSION CONTROL BLANKET AREA EXTENTS (10)
- POC — IRRIGATION POINT OF CONNECTION (7)
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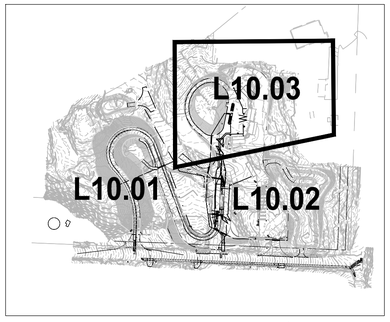
- SUGGESTED LOCATION FOR IRRIGATION MAINLINE
- SUGGESTED LOCATIONS FOR IRRIGATION PIPE AND CONTROL WIRE SLEEVING (9)



KEY MAP
SCALE IN FEET
0 300 600

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. CERALDE
DRAWN J. CERALDE
CHECKED J. SWENSON
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-L10.01
JOB No. 553-1578-155
DATE AUGUST 2025

STATE OF WASHINGTON · JASON JOSE CERALDE · 21578414 EXP 02/12/2026 · LANDSCAPE ARCHITECT · 4/1/25

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LANDSCAPE PLAN SHEET 3

DRAWING NO. 185 OF 239
L10.03

LAYOUT: L10.03 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 7:05:28 PM

STEP 1
TILL OR RIP SUBGRADE TO LOOSEN SOIL TO 24" DEPTH.

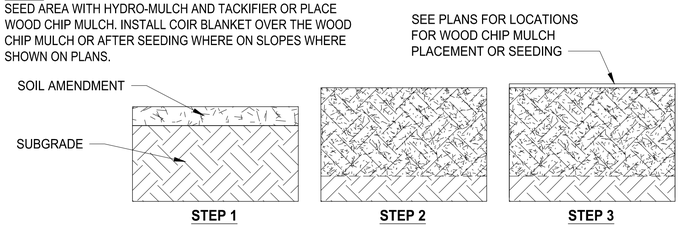
STEP 2
TILL A 3" DEPTH SOIL AMENDMENT (FINE COMPOST) IN TO A DEPTH OF 10".

STEP 3
SEED AREA WITH HYDRO-MULCH AND TACKIFIER OR PLACE WOOD CHIP MULCH. INSTALL COIR BLANKET OVER THE WOOD CHIP MULCH OR AFTER SEEDING WHERE ON SLOPES WHERE SHOWN ON PLANS.

NOTE:

IN THE FOLLOWING AREAS PLACE SOIL AMENDMENT IN AN EVEN LAYER WITHOUT TILLING SOIL OR TILLING OF SOIL AMENDMENT INTO GRADE UNLESS APPROVED BY THE ENGINEER:

- AREAS WITH SLOPE GREATER THAN 2:1;
- AREAS WITHIN THE DRIP LINE OF EXISTING TREES;
- AREAS WITHIN EXISTING SHRUB MASSINGS.

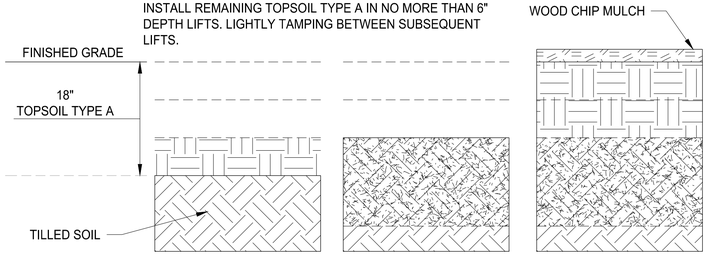


SOIL AMENDMENT SEQUENCE OF WORK DETAIL 1
NO SCALE 10.01, 10.02, 10.03

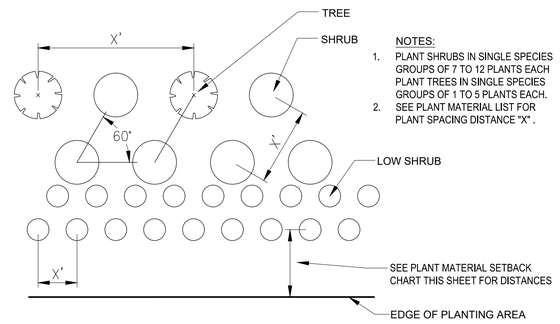
STEP 1
TILL OR RIP SUBGRADE TO LOOSEN SOIL TO 24" DEPTH.

STEP 2
INCORPORATE FIRST 6" OF TOPSOIL TYPE A INTO THE TOP 8" OF THE SUBSOIL.

STEP 3
INSTALL REMAINING TOPSOIL TYPE A IN NO MORE THAN 6" DEPTH LIFTS. LIGHTLY TAMPING BETWEEN SUBSEQUENT LIFTS.



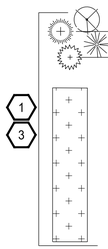
TOPSOIL PLACEMENT SEQUENCE OF WORK DETAIL 2
NO SCALE 10.01, 10.02, 10.03



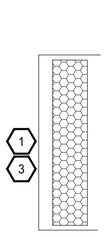
NOTES:
1. PLANT SHRUBS IN SINGLE SPECIES GROUPS OF 7 TO 12 PLANTS EACH PLANT TREES IN SINGLE SPECIES GROUPS OF 1 TO 5 PLANTS EACH.
2. SEE PLANT MATERIAL LIST FOR PLANT SPACING DISTANCE "X" .

PLANT SPACING DETAIL 3
NO SCALE 10.01, 10.02, 10.03

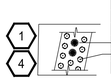
PLANT MATERIAL LIST



QTY	BOTANICAL NAME	COMMON NAME	MIN. SIZE/ CONDITION	NOTES
	DROUGHT TOLERANT BUFFER PLANTING AREAS			
	TREES			
8	ACER MACROPHYLLUM	BIG LEAF MAPLE	1 1/2" CAL. / B&B OR CONT.	SEE PLANS FOR LOCATIONS
5	TSUGA HETEROPHYLLA	WESTERN HEMLOCK	4' TALL / CONT.	
11	THUJA PLICATA	WESTERN RED CEDAR	4' TALL / CONT.	
16	PSEUDOTSUGA MENZIESII	DOUGLAS-FIR	4' TALL / CONT.	
	SHRUBS			
89	ACER CIRCINATUM	VINE MAPLE	12" TALL / #1 CONT.	SPACED 5' ON CENTER. LOCATE IN AREAS SHOWN IN PLANS IN SINGLE SPECIES GROUPS OF 3 TO 7 SHRUBS.
267	HOLODISCUS DISCOLOR	OCEANSPRAY	12" TALL / #1 CONT.	
178	MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	12" TALL / #1 CONT.	
178	OEMLARIA CERASIFORMIS	OSO BERRY	12" TALL / #1 CONT.	
267	PHILADELPHUS LEWISII	MOCK ORANGE	12" TALL / #1 CONT.	
89	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	12" TALL / #1 CONT.	
356	ROSA NUTKANA	NOOTKA ROSE	12" TALL / #1 CONT.	
356	SYMPHORICARPOS ALBUS	SNOWBERRY	12" TALL / #1 CONT.	
	LOW PLANTS / GROUNDCOVERS			
410	GAULTHERIA SHALLON	SALAL	#1 CONT.	SPACE 2.5' ON CENTER IN SINGLE SPECIES GROUPS OF 3 TO 7.
410	MAHONIA NERVOSA	LOW OREGON GRAPE	#1 CONT.	
547	POLYSTICHUM MUNITUM	WESTERN SWORD FERN	#1 CONT.	



QTY	BOTANICAL NAME	COMMON NAME	MIN. SIZE/ CONDITION	NOTES
	SLOPE RESTORATION PLANTING AREAS			
	TREES			
52	ACER MACROPHYLLUM	BIG LEAF MAPLE	1 1/2" CAL. / B&B OR CONT.	SPACED 10' ON CENTER. LOCATE IN AREAS SHOWN IN PLANS IN SINGLE SPECIES GROUPS OF 1 TO 5 TREES.
208	PSEUDOTSUGA MENZIESII	DOUGLAS-FIR	4' TALL / CONT.	
156	THUJA PLICATA	WESTERN RED CEDAR	4' TALL / CONT.	
104	TSUGA HETEROPHYLLA	WESTERN HEMLOCK	4' TALL / CONT.	
	SHRUBS			
117	ACER CIRCINATUM	VINE MAPLE	12" TALL / #1 CONT.	SPACED 5' ON CENTER. LOCATE IN AREAS SHOWN IN PLANS IN SINGLE SPECIES GROUPS OF 3 TO 7 SHRUBS.
350	HOLODISCUS DISCOLOR	OCEANSPRAY	12" TALL / #1 CONT.	
233	MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	12" TALL / #1 CONT.	
233	OEMLARIA CERASIFORMIS	OSO BERRY	12" TALL / #1 CONT.	
350	PHILADELPHUS LEWISII	MOCK ORANGE	12" TALL / #1 CONT.	
117	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	12" TALL / #1 CONT.	
466	ROSA NUTKANA	NOOTKA ROSE	12" TALL / #1 CONT.	
466	SYMPHORICARPOS ALBUS	SNOWBERRY	12" TALL / #1 CONT.	



QTY	BOTANICAL NAME	COMMON NAME	MIN. SIZE/ CONDITION	NOTES
	SHRUB PLANTING AREAS			
	SHRUBS			
16	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	18" TALL / #5 CONT.	SPACED 4' ON CENTER WHERE SHOWN IN PLANS.
79	LONICERA PILEATA	PRIVET HONEYSUCKLE	12" TALL / #5 CONT.	

SEEDING AREAS	SEE THE SPECIFICATIONS FOR SEED MIX REQUIREMENTS.

CONSTRUCTION NOTES:

1. INSTALL SOIL AMENDMENT PER DETAIL 1/-
2. INSTALL TOPSOIL PER DETAIL 2/-
3. INSTALL 4" DEPTH WOOD CHIP MULCH
4. INSTALL 2" DEPTH BARK MULCH

PLANT MATERIAL SETBACK CHART

	GUARDRAIL BARRIER	EDGE OF ROADWAY	PATHS, TRAILS	WALL	FENCE	SIGNS	EXISTING TREE, TRUNK	EXISTING VEGETATION MASS
EVERGREEN TREE	15'	15'	15'	8'	8'	15'	10'	-
DECIDUOUS TREE	15'	15'	15'	8'	8'	15'	10'	-
MEDIUM AND LARGE SHRUBS - GREATER THAN 3' TALL	5'	5'	10'	3'	3'	6'	5'	5'
LOW SHRUB - LESS THAN 3' TALL	3'	5'	3'	2'	3'	2'	5'	5'

TYPICAL MINIMUM DISTANCE SETBACKS ARE TO THE CENTER STEM OR TRUNK OF PLANT MATERIAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER DURING LAYOUT AND STAKING OF PLANT LOCATIONS.

PLANTING REQUIREMENTS AND NOTES:

1. CONTRACTOR SHALL ARRANGE TO MEET ON SITE WITH PROJECT REPRESENTATIVE TO DISCUSS LIMITS OF WORK AND METHODS. CONSTRUCTION ACTIVITIES SHALL NOT COMMENCE UNTIL ACCESS, LIMITS OF WORK, AND METHODS ARE APPROVED.
2. PLANTING PLANS REPRESENT A CONCEPTUAL PLANT LAYOUT, FINAL PLANT LOCATIONS SHALL BE APPROVED BY PROJECT REPRESENTATIVE PRIOR TO PLANTING.
3. USE ONLY HAND TOOLS TO CLEAR AND CULTIVATE SOIL UNDER THE CANOPY (WITHIN AND 5' OUTSIDE THE DRIP LINE) OF EXISTING TREES.
4. ALL PLANTS SHALL BE NURSERY GROWN A MINIMUM OF ONE YEAR. NATIVE SPECIES PLANT MATERIAL IS TO BE SUPPLIED BY COMMERCIAL NURSERIES THAT SPECIALIZE IN PLANTS NATIVE TO THE PACIFIC NORTHWEST. PLANT SUBSTITUTIONS ARE SUBJECT TO APPROVAL BY PROJECT REPRESENTATIVE.
5. PLANTING SHALL TAKE PLACE DURING THE DORMANT SEASON (OCTOBER 1ST TO MARCH 1ST) UNLESS AUTOMATIC IRRIGATION WATERING SYSTEM IS OPERATIONAL. PLANTING MAY BE ALLOWED AT OTHER TIMES AFTER REVIEW AND WRITTEN APPROVAL BY PROJECT REPRESENTATIVE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS AND EXCESS SOIL OCCASIONED BY THIS PROJECT.
7. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
8. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART THIS SHEET.
9. ALL DIMENSIONS FOR LISTED HEIGHT, LENGTH AND CONTAINER SIZE ARE MINIMUM REQUIREMENTS.
10. EXISTING AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT SHOWN TO BE RE-VEGETATED ON THESE PLANS SHALL BE RESTORED AND SEEDED.
11. DISCREPANCIES BETWEEN THE PLANS AND SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT REPRESENTATIVE PRIOR TO PROCEEDING WIT EFFECTED WORK.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING PLANTS OR OPERATION OF THE IRRIGATION SYSTEM FOR THE FIRST YEAR AFTER ACCEPTANCE OF COMPLETION OF PLANTING FOR THE PROJECT.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. CERALDE
DRAWN J. CERALDE
CHECKED J. SWENSON
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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STATE OF WASHINGTON JASON JOSE CERALDE 20170844 REGISTERED LANDSCAPE ARCHITECT 4/1/25

KITSAP COUNTY DEPT. OF PUBLIC WORKS
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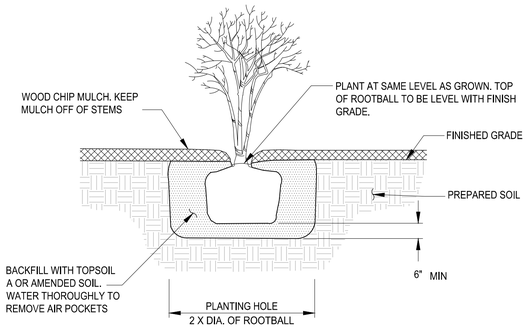
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

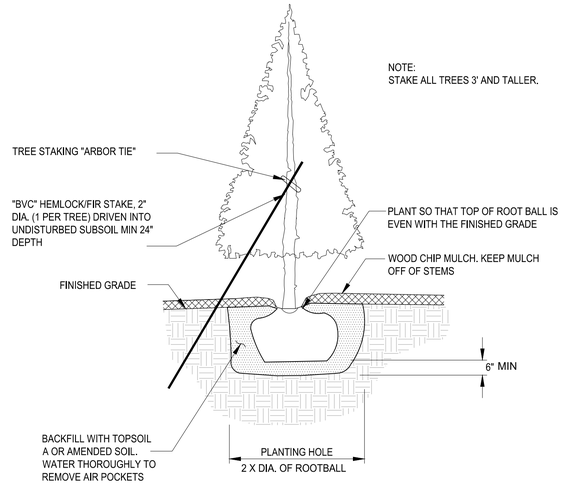
LANDSCAPE DETAIL SHEET 1 OF 2

DRAWING NO. 186 OF 239
L10.04

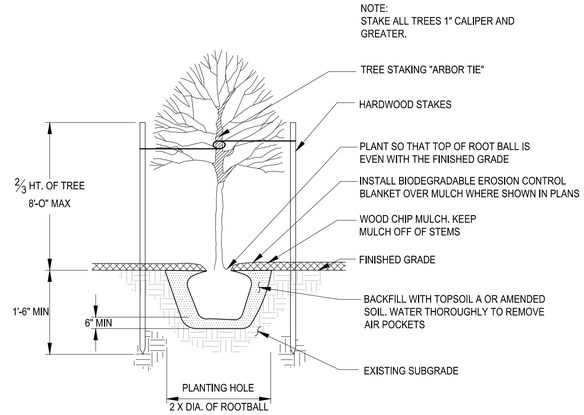
LAYOUT: L10.04 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 7:05:31 PM



SHRUB PLANTING DETAIL 1 — NO SCALE — 10.01, 10.02, 10.03



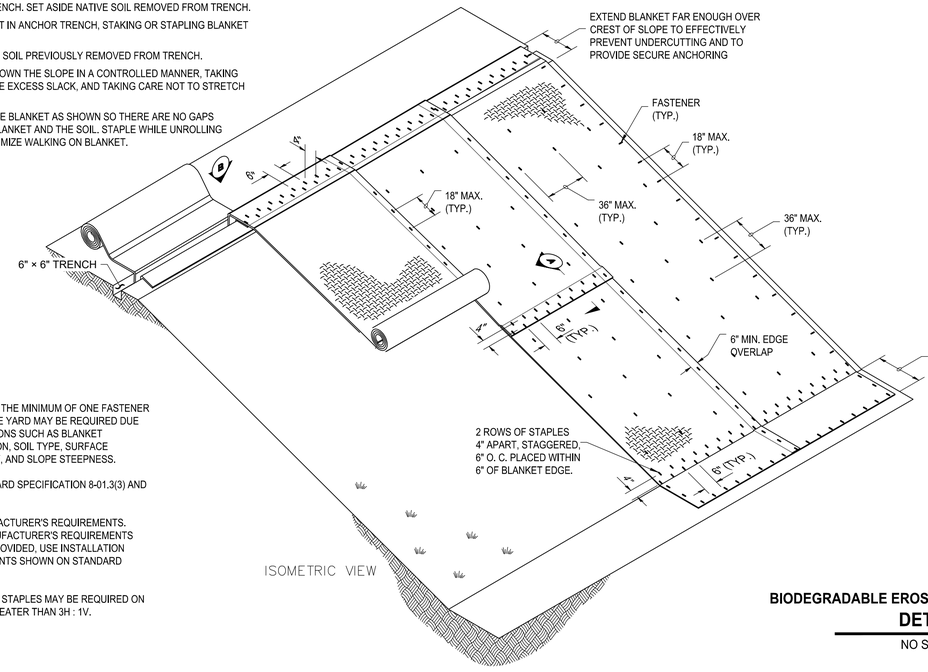
CONIFER TREE PLANTING DETAIL 2 — NO SCALE — 10.01, 10.02, 10.03



DECIDUOUS TREE PLANTING DETAIL 3 — NO SCALE — 10.01, 10.02, 10.03

INSTALLATION STEPS:

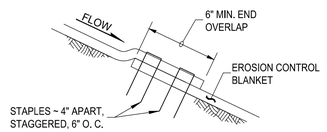
1. PREPARE SMOOTH SLOPE.
2. AMEND SOIL AND SEED, AS SPECIFIED.
3. DIG ANCHOR TRENCH. SET ASIDE NATIVE SOIL REMOVED FROM TRENCH.
4. SECURE BLANKET IN ANCHOR TRENCH, STAKING OR STAPLING BLANKET AS SHOWN.
5. REPLACE NATIVE SOIL PREVIOUSLY REMOVED FROM TRENCH.
6. ROLL BLANKET DOWN THE SLOPE IN A CONTROLLED MANNER, TAKING CARE TO REMOVE EXCESS SLACK, AND TAKING CARE NOT TO STRETCH BLANKET.
7. STAKE OR STAPLE BLANKET AS SHOWN SO THERE ARE NO GAPS BETWEEN THE BLANKET AND THE SOIL. STAPLE WHILE UNROLLING BLANKET TO MINIMIZE WALKING ON BLANKET.



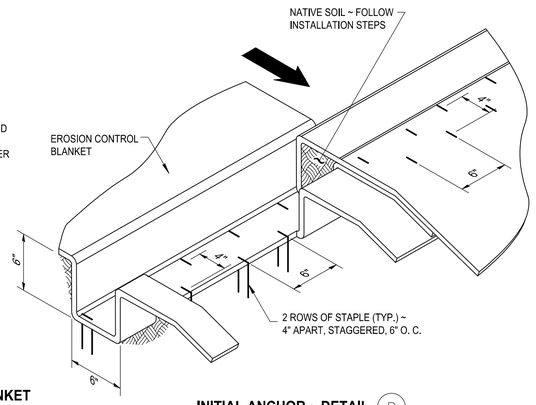
NOTES:

1. MORE THAN THE MINIMUM OF ONE FASTENER PER SQUARE YARD MAY BE REQUIRED DUE TO CONDITIONS SUCH AS BLANKET COMPOSITION, SOIL TYPE, SURFACE UNIFORMITY, AND SLOPE STEEPNESS.
2. SEE STANDARD SPECIFICATION 8-01.3(3) AND 9-14.5)2).
3. USE MANUFACTURER'S REQUIREMENTS. WHEN MANUFACTURER'S REQUIREMENTS ARE NOT PROVIDED, USE INSTALLATION REQUIREMENTS SHOWN ON STANDARD PLANS.
4. ADDITIONAL STAPLES MAY BE REQUIRED ON SLOPES GREATER THAN 3H : 1V.

BIODEGRADABLE EROSION CONTROL BLANKET DETAIL 4 — NO SCALE — 10.01, 10.02, 10.03



SHINGLE SPLICE ~ SECTION A



INITIAL ANCHOR ~ DETAIL B

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. CERALDE
DRAWN J. CERALDE
CHECKED J. SWENSON
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-L10.01
JOB No. 553-1578-155
DATE AUGUST 2025

STATE OF WASHINGTON — JASON JOSE CERALDE — 20078414 EXP 02/12/2026 — LANDSCAPE ARCHITECT — 4/1/25

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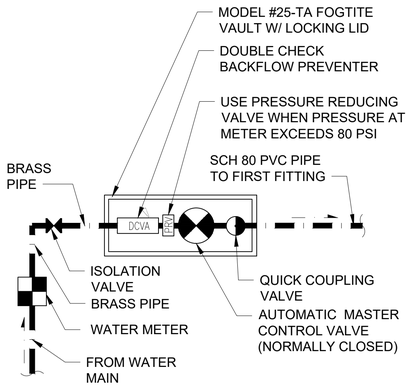
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LANDSCAPE DETAIL SHEET 2 OF 2

DRAWING NO. 187 OF 239
L10.05

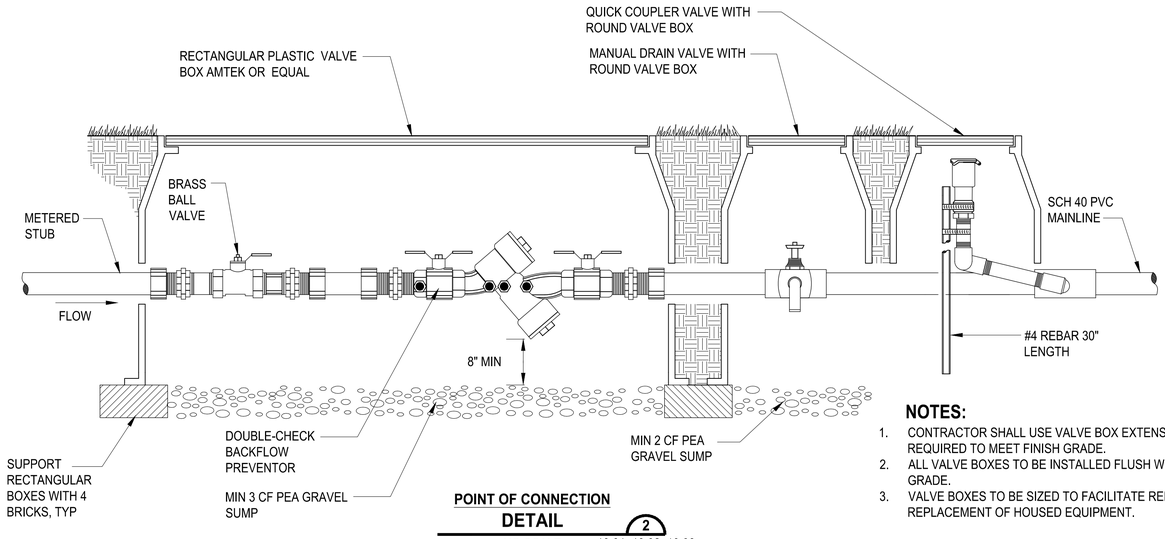
PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 7:05:36 PM
LAYOUT: L10.05 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX



POINT OF CONNECTION DIAGRAM

DETAIL 1

NO SCALE 10.01, 10.02, 10.03

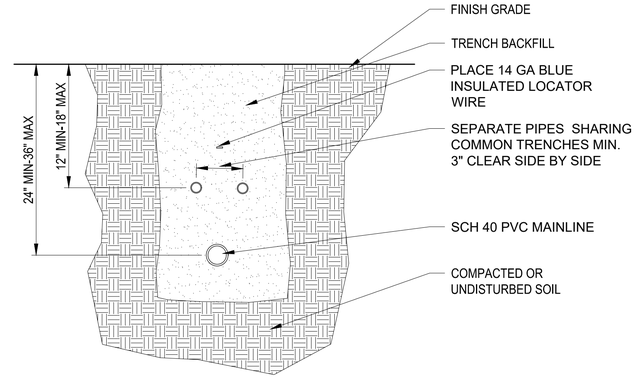


POINT OF CONNECTION DETAIL 2

NO SCALE 10.01, 10.02, 10.03

NOTES:

1. CONTRACTOR SHALL USE VALVE BOX EXTENSIONS AS REQUIRED TO MEET FINISH GRADE.
2. ALL VALVE BOXES TO BE INSTALLED FLUSH WITH FINISH GRADE.
3. VALVE BOXES TO BE SIZED TO FACILITATE REPAIR OR REPLACEMENT OF HOUSED EQUIPMENT.



NOTE:

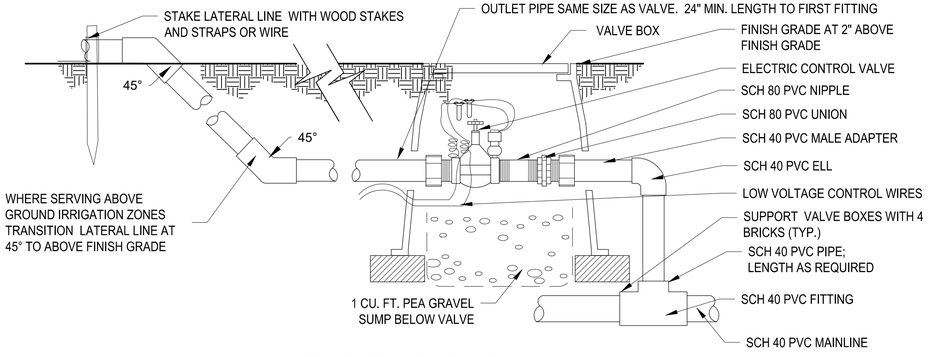
1. TAPE AND BUNDLE CONTROL WIRES BELOW MAINLINE IN WITH SOME SLACK. DO NOT TAPE BUNDLED WIRES TO MAINLINE.
2. COVER WIRE BUNDLE W/ 2" OF CLEAN, SUITABLE FILL PRIOR TO PLACING MAINLINE.

IRRIGATION TRENCH DETAIL 3

NO SCALE 10.01, 10.02, 10.03

IRRIGATION NOTES:

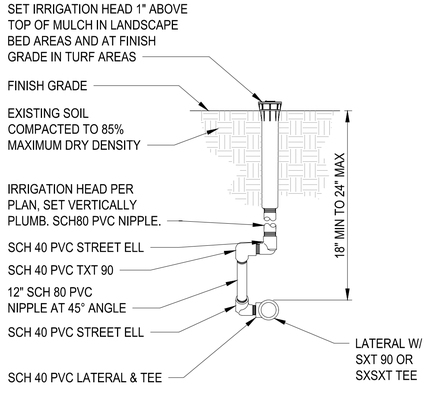
1. IRRIGATION SYSTEM LAYOUT AND DESIGN DETAILS SHALL BE COMPLETED BY A QUALIFIED DESIGNER AND SUBMITTED TO ENGINEER FOR APPROVAL. THE DESIGN SUBMITTAL SHALL INCLUDE IRRIGATION PLANS, DETAILS, A PARTS LIST, AND CALCULATIONS. IRRIGATION SYSTEM SHALL BE DESIGNED FOR ABOVE GROUND AND BELOW GRADE INSTALLATION WHERE SHOWN IN THE PLANS AND AS DETAILED ON THIS SHEET. THE IRRIGATION SYSTEM SHALL BE DESIGNED SO THAT WATERING FREQUENCY CAN BE ADJUSTED TO OPTIMIZE WATERING BASED ON VEGETATION STATUS AND WEATHER.
2. THE INSTALLATION OF PLANT MATERIAL SHALL NOT BE ALLOWED UNTIL IRRIGATION LAYOUT & COVERAGE TESTS ARE APPROVED BY ENGINEER. ALL CONSTRUCTION CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY UPON RECOGNITION.
3. CONFIRM LOCATION OF POINT OF CONNECTION FOR WATER SERVICE, CONTROLLER LOCATION AND POWER SOURCE WITH ENGINEER PRIOR TO COMMENCING WORK. NOTIFY ENGINEER OF ANY ISSUE WITH AVAILABLE PRESSURE OR FLOW PRIOR TO CONSTRUCTION.
4. LOCATION OF IRRIGATION VALVES, MAINLINE AND LATERALS SHALL OCCUR IN PLANTING AREAS WHERE POSSIBLE, ALL PIPING CROSSING UNDER PAVEMENT (INCLUDES CONCRETE, ASPHALT, CRUSHED GRAVEL) SHALL BE INSTALLED IN SLEEVES EXTENDING EIGHTEEN (18) INCHES BEYOND HARD SURFACE EDGE, ALL SLEEVES SHALL BE STRAIGHT TO ALLOW FOR ANY IRRIGATION PIPE REPLACEMENT, CONTRACTOR SHALL VERIFY ALL LOCATIONS AND SIZES OF IRRIGATION SLEEVES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY ADDITIONAL SLEEVING OR UPSIZING REQUIRED PRIOR TO CONSTRUCTION OF PAVEMENT.
5. SLEEVING SHALL BE PVC CONDUIT TWICE THE DIAMETER OF THE PIPE OR PIPES HOUSED WITHIN, MARK ENDS WITH INSTALLATION OF A 3/8" DIAMETER REBAR, 18 INCH LENGTH, TOP OF REBAR TO BE 1 INCH UNDER SOIL SURFACE
6. THE CONTRACTOR SHALL CONSIDER ALL SITE FEATURES IN THE INSTALLATION OF IRRIGATION IMPROVEMENTS.
7. VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION AND FIELD VERIFY ALL EXISTING EQUIPMENT AND REPORT ANY INCONSISTENCIES OR CONFLICTS TO THE ENGINEER.
8. THE BELOW GRADE PORTION OF IRRIGATION SYSTEM SHALL BE CONTROLLED BY A LINE VOLTAGE POWERED CONTROLLER. THE ABOVE GROUND IRRIGATION CAN BE CONTROLLED EITHER WITH THE SAME CONTROLLER AS THE BELOW GRADE SYSTEM OR WITH FIELD LOCATED BATTERY POWERED CONTROLLERS. CONTROLLERS SHALL BE EQUIPPED WITH RAIN SENSOR EQUIPMENT.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL IRRIGATION EQUIPMENT NECESSARY FOR A COMPLETE AND FUNCTIONAL IRRIGATION SYSTEM.
10. CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED TO OBTAIN FULL IRRIGATION COVERAGE FOR ALL LANDSCAPE AREAS.
11. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING IMPROVEMENTS. DAMAGE TO EXISTING IMPROVEMENTS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AND/OR QUALIFIED INSTALLERS/TRADES ACCEPTABLE TO THE SOLE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE OWNER.
12. ALL CONTROL WIRING NOT IN MAINLINE TRENCH SHALL BE BURIED WITHIN PVC CONDUIT. CONDUIT SHALL BE PLACED 18" BELOW FINISH GRADE. ALL CONDUIT AND FITTINGS SHALL BE SCH 40.
13. PIPE SIZE SHALL BE THE SAME ON BOTH SIDES OF VALVES.
14. LOCATE ALL VALVES WITHIN ONE (1) FOOT OF THE MAINLINE.
15. WHERE TWO OR MORE PIPES SHARE THE SAME TRENCH, MAINTAIN A 3" SEPARATION BETWEEN PIPES. DO NOT CROSS PIPES OVER EACH OTHER UNLESS THEY ARE AT 90 DEGREES.
16. ALL PVC SOLVENT WELDS WILL BE MADE AS A TWO-STEP PROCESS W/ SEPARATE PRIMER AND GLUE APPLICATIONS. ALL GLUE SHALL BE MANUFACTURED FOR IRRIGATION AND CONDUIT ASSEMBLY ONLY. NO "ONE-STEP" GLUE SHALL BE ALLOWED.
17. CONTRACTOR IS RESPONSIBLE FOR A THOROUGH CLEAN-UP FOR THEIR RESPECTIVE WORK, DAILY AND AT PROJECT CLOSE-OUT.



AUTOMATIC IRRIGATION CONTROL VALVE DETAIL 00

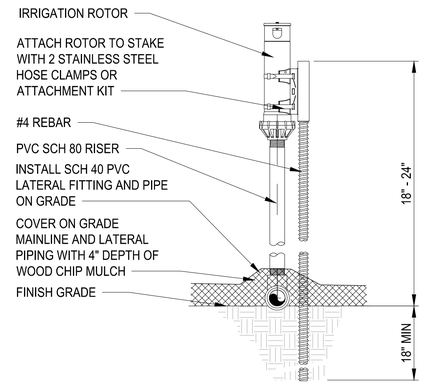
NO SCALE TYP

NOTE: PROVIDE EXPANSION COILS AT EACH VALVE



SPRAY HEAD ASSEMBLY & SWING ARM DETAIL 4

NO SCALE 10.01, 10.02, 10.03



ABOVE GROUND FIXED ROTOR ON REBAR STAKE DETAIL 5

NO SCALE 10.01, 10.02, 10.03

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED J. CERALDE
DRAWN J. CERALDE
CHECKED J. SWENSON
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-L10.01
JOB No. 553-1578-155
DATE AUGUST 2025

STATE OF WASHINGTON · JASON JOSE CERALDE · 21018444 EXP 02/21/2026 · LANDSCAPE ARCHITECT · 4/1/25

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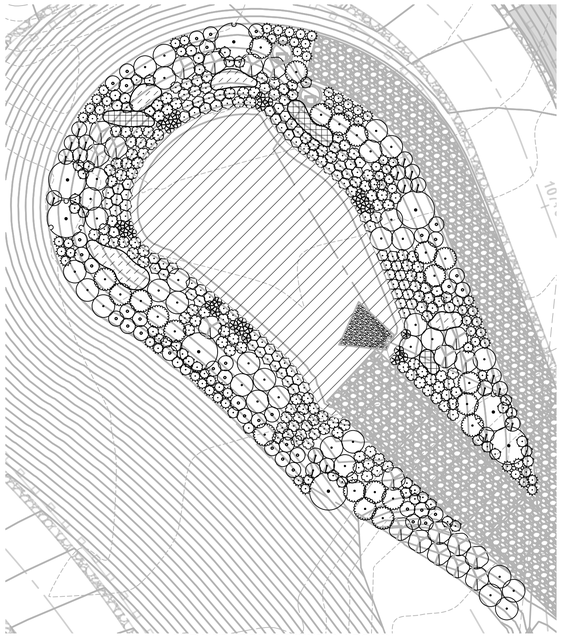
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

IRRIGATION NOTES AND DETAIL SHEET 1 0F 1

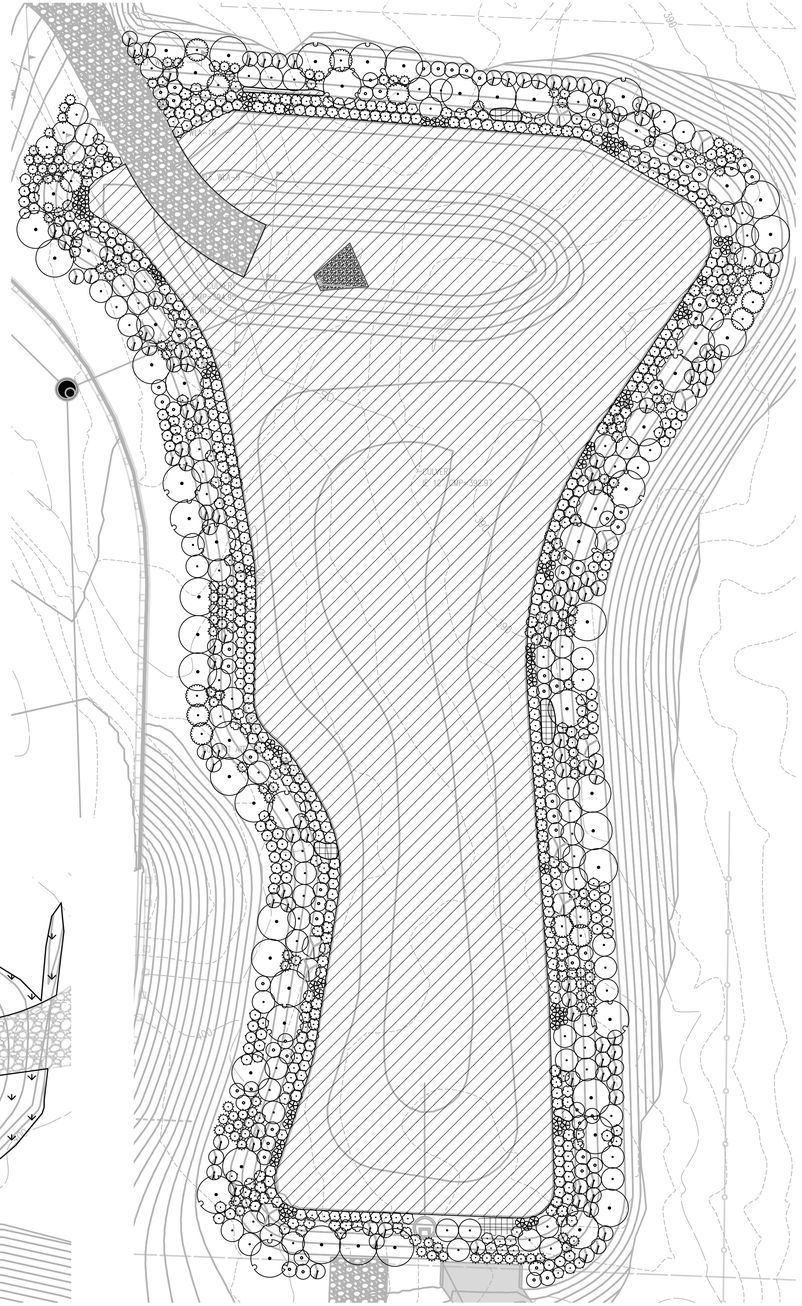
DRAWING NO. 188 OF 239

L10.06

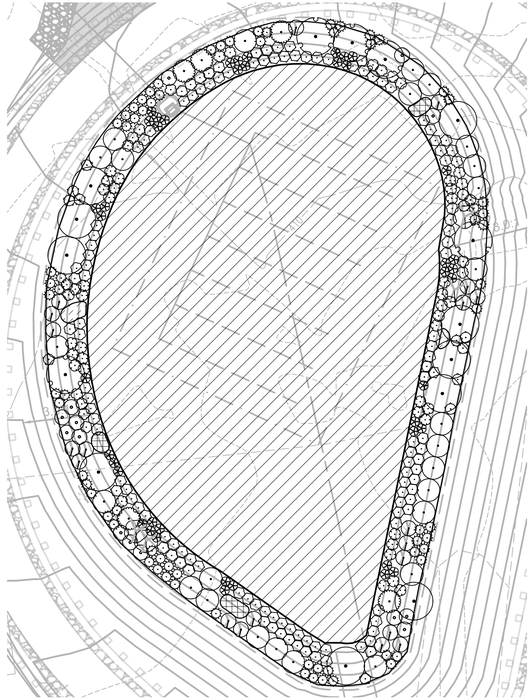
LAYOUT: L10.06 PATH: C:\Users\SmithNat\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C - PMX PLOTTED BY: SmithNat DATE: Friday, March 28, 2025 7:05:41 PM



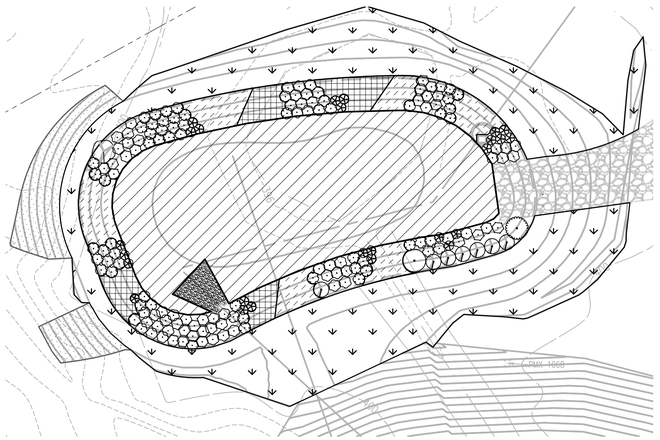
STRAWBERRY DETENTION POND
PLAN
SCALE IN FEET
0 20 40



KOCH
PLAN
SCALE IN FEET
0 20 40



STRAWBERRY NORTH
PLAN
SCALE IN FEET
0 20 40



STRAWBERRY TREATMENT WETLAND
PLAN
SCALE IN FEET
0 20 40

PLANTING NOTES

1. SEEDING AND PLANTING SHALL OCCUR AFTER ELEVATIONS HAVE BEEN APPROVED BY ENGINEER.
2. PLANTING OF ALL TREES, SHRUBS, AND EMERGENTS SHALL TAKE PLACE DURING THE DORMANT SEASON (OCTOBER 1 - FEBRUARY 28).
3. ALL PLANTS SHALL CONFORM TO THE STANDARDS OF THE CURRENT EDITION OF AMERICAN STANDARD FOR NURSERY STOCK AS APPROVED BY THE AMERICAN STANDARDS INSTITUTE (ANSI Z60.1-2014).
4. PLANT SUBSTITUTIONS ARE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT.
5. PLANTS SHALL BE TAGGED FOR IDENTIFICATION WHEN DELIVERED.
6. KEEP PLANTS SHADED UNTIL THE ACTUAL TIME OF PLANTING. DO NOT LET PLANT MATERIAL SIT IN SUN OR DRY OUT BEFORE PLANTING.
7. LANDSCAPE ARCHITECT SHALL APPROVE ALL PLANT ZONE BOUNDARIES AND PLANT LAYOUT PRIOR TO PLANTING.
8. THOROUGHLY WATER ALL PLANTED AREAS IMMEDIATELY AFTER PLANTING AND WATER FOR OPTIMUM HEALTH DURING DRY PERIODS DURING PLANT ESTABLISHMENT PERIOD.
9. AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT SHOWN TO BE PLANTED ON THESE PLANS SHALL BE RESTORED AND SEEDED WITH EROSION CONTROL SEED MIX, SEE SHEET L20.02.
10. SEE SPECIFICATIONS FOR ADDITIONAL SOIL PREPARATION, SEEDING, PLANTING, AND MAINTENANCE INFORMATION.
11. ALL BIORETENTION AREAS, DETENTION PONDS, AND TREATMENT WETLANDS SHALL BE PROVIDED WITH TEMPORARY IRRIGATION. SEE SHEET L10.06 FOR IRRIGATION NOTES AND DETAILS.
12. SEE SHEET L20.02 FOR PLANT SCHEDULES AND DETAILS.

SEED MIX LEGEND

- EROSION CONTROL SEED MIX
- LOW-GROW SEED MIX
- EMERGENT ZONE SEED MIX

PLANT LEGEND

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME
TREES			
	ACE CIR	Acer circinatum	Vine Maple
	PRU EMA	Prunus emarginata	Bitter Cherry
SHRUBS			
	CAR OBN	Carex obnupta	Slough Sedge
	CAR STI	Carex stipata	Awl-fruited Sedge
	COR SER	Cornus sericea var. stolonifera	Red Osier Dogwood
	DES CES	Deschampsia cespitosa	Tufted Hair Grass
	LYS AME	Lysichiton americanus	Skunk Cabbage
	MAH NER	Mahonia nervosa	Oregon Grape
	ROS NUT	Rosa nutkana	Nootka Rose
	RUB SPE	Rubus spectabilis	Salmonberry
	SCI ACU	Scirpus acutus	Hardstem Bulrush
	SCI MIC	Scirpus microcarpus	Small-fruited Bulrush
	SPI DOU	Spiraea douglasii	Western Spirea
	SYM SUB	Symphyotrichum subspicatum	Douglas Aster
GROUND COVERS			
	BEC SYZ	Beckmannia syzigachne	American Slough Grass
	ELE PAL	Eleocharis palustris	Great Spike Rush

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED D. ANSLOW
DRAWN C. WITZEL
CHECKED
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PS1578155-L20
JOB No. 553-1578-155
DATE AUGUST 2025

SATYA DHITAL — STATE OF WASHINGTON — 23886 — REGISTERED PROFESSIONAL ENGINEER
08/16/2024

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

STORMWATER PLANTING PLAN

DRAWING NO. 189 OF 239
L20.01

LAYOUT: L20.01 PATH: C:\Users\CWitzel\DOCS\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 10:04:06 AM

PLANT SCHEDULE STRAWBERRY WEST TREATMENT WETLAND

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
SHRUBS						
	CAR OBN	24	Carex obnupta	Slough Sedge	10" Plug	36" o.c.
	CAR STI	58	Carex stipata	Awl-fruited Sedge	10"	36" o.c.
	COR SER	1	Cornus sericea var. stolonifera	Red Osier Dogwood	5 gal.	72" o.c.
	LYS AME	25	Lysichiton americanus	Skunk Cabbage	1 gal.	30" o.c.
	MAH NER	7	Mahonia nervosa	Oregon Grape	1 gal.	48" o.c.
	RUB SPE	1	Rubus spectabilis	Salmonberry	2 gal.	72" o.c.
	SCI ACU	37	Scirpus acutus	Hardstem Bulrush	10" Plug	36" o.c.
	SCI MIC	21	Scirpus microcarpus	Small-fruited Bulrush	10" Plug	36" o.c.
	SPI DOU	1	Spiraea douglasii	Western Spirea	2 gal.	72" o.c.
GROUND COVERS						
	BEC SYZ	109	Beckmannia syzigachne	American Slough Grass	10" plug	24" o.c.
	ELE PAL	184	Eleocharis palustris	Great Spike Rush	10" plug	24" o.c.

PLANT SCHEDULE STRAWBERRY NORTH

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
TREES						
	ACE CIR	10	Acer circinatum	Vine Maple	5 gal.	
	PRU EMA	5	Prunus emarginata	Bitter Cherry	5 gal.	
SHRUBS						
	CAR OBN	62	Carex obnupta	Slough Sedge	10" Plug	36" o.c.
	CAR STI	62	Carex stipata	Awl-fruited Sedge	10"	36" o.c.
	COR SER	26	Cornus sericea var. stolonifera	Red Osier Dogwood	5 gal.	72" o.c.
	DES CES	72	Deschampsia cespitosa	Tufted Hair Grass	10" Plug	36" o.c.
	LYS AME	43	Lysichiton americanus	Skunk Cabbage	1 gal.	30" o.c.
	MAH NER	20	Mahonia nervosa	Oregon Grape	1 gal.	48" o.c.
	ROS NUT	14	Rosa nutkana	Nootka Rose	1 gal.	48" o.c.
	RUB SPE	5	Rubus spectabilis	Salmonberry	2 gal.	72" o.c.
	SCI ACU	36	Scirpus acutus	Hardstem Bulrush	10" Plug	36" o.c.
	SCI MIC	19	Scirpus microcarpus	Small-fruited Bulrush	10" Plug	36" o.c.
	SPI DOU	4	Spiraea douglasii	Western Spirea	2 gal.	72" o.c.
	SYM SUB	14	Symphyotrichum subspicatum	Douglas Aster	1 gal.	36" o.c.
GROUND COVERS						
	BEC SYZ	21	Beckmannia syzigachne	American Slough Grass	10" plug	24" o.c.
	ELE PAL	12	Eleocharis palustris	Great Spike Rush	10" plug	24" o.c.

PLANT SCHEDULE STRAWBERRY WEST DETENTION POND

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
TREES						
	ACE CIR	5	Acer circinatum	Vine Maple	5 gal.	
	PRU EMA	3	Prunus emarginata	Bitter Cherry	5 gal.	
SHRUBS						
	CAR OBN	42	Carex obnupta	Slough Sedge	10" Plug	36" o.c.
	CAR STI	34	Carex stipata	Awl-fruited Sedge	10"	36" o.c.
	COR SER	34	Cornus sericea var. stolonifera	Red Osier Dogwood	5 gal.	72" o.c.
	DES CES	76	Deschampsia cespitosa	Tufted Hair Grass	10" Plug	36" o.c.
	LYS AME	29	Lysichiton americanus	Skunk Cabbage	1 gal.	30" o.c.
	MAH NER	19	Mahonia nervosa	Oregon Grape	1 gal.	48" o.c.
	ROS NUT	39	Rosa nutkana	Nootka Rose	1 gal.	48" o.c.
	RUB SPE	22	Rubus spectabilis	Salmonberry	2 gal.	72" o.c.
	SCI ACU	74	Scirpus acutus	Hardstem Bulrush	10" Plug	36" o.c.
	SCI MIC	74	Scirpus microcarpus	Small-fruited Bulrush	10" Plug	36" o.c.
	SPI DOU	20	Spiraea douglasii	Western Spirea	2 gal.	72" o.c.
	SYM SUB	55	Symphyotrichum subspicatum	Douglas Aster	1 gal.	36" o.c.
GROUND COVERS						
	BEC SYZ	38	Beckmannia syzigachne	American Slough Grass	10" plug	24" o.c.
	ELE PAL	67	Eleocharis palustris	Great Spike Rush	10" plug	24" o.c.

PLANT SCHEDULE KOCH

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
TREES						
	ACE CIR	40	Acer circinatum	Vine Maple	5 gal.	
	PRU EMA	20	Prunus emarginata	Bitter Cherry	5 gal.	
SHRUBS						
	CAR OBN	112	Carex obnupta	Slough Sedge	10" Plug	36" o.c.
	CAR STI	149	Carex stipata	Awl-fruited Sedge	10"	36" o.c.
	COR SER	83	Cornus sericea var. stolonifera	Red Osier Dogwood	5 gal.	72" o.c.
	DES CES	141	Deschampsia cespitosa	Tufted Hair Grass	10" Plug	36" o.c.
	LYS AME	74	Lysichiton americanus	Skunk Cabbage	1 gal.	30" o.c.
	MAH NER	116	Mahonia nervosa	Oregon Grape	1 gal.	48" o.c.
	ROS NUT	70	Rosa nutkana	Nootka Rose	1 gal.	48" o.c.
	RUB SPE	14	Rubus spectabilis	Salmonberry	2 gal.	72" o.c.
	SCI ACU	84	Scirpus acutus	Hardstem Bulrush	10" Plug	36" o.c.
	SCI MIC	92	Scirpus microcarpus	Small-fruited Bulrush	10" Plug	36" o.c.
	SPI DOU	10	Spiraea douglasii	Western Spirea	2 gal.	72" o.c.
	SYM SUB	112	Symphyotrichum subspicatum	Douglas Aster	1 gal.	36" o.c.
GROUND COVERS						
	BEC SYZ	40	Beckmannia syzigachne	American Slough Grass	10" plug	24" o.c.
	ELE PAL	12	Eleocharis palustris	Great Spike Rush	10" plug	24" o.c.

EMERGENT ZONE SEED MIX

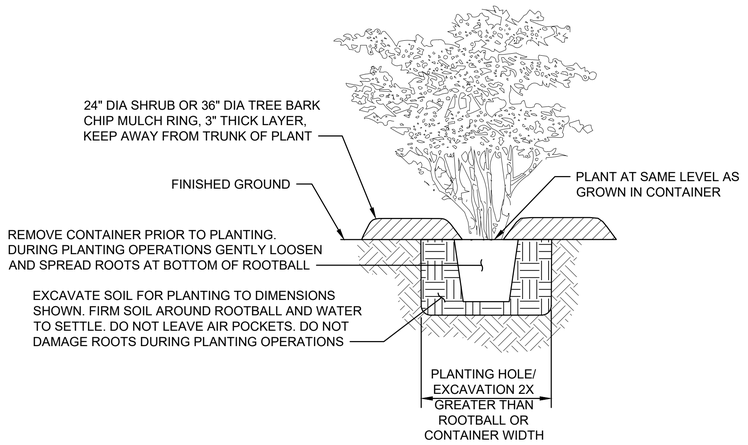
Botanical Name	Common Name	%PLS of Mix	PLS Pounds per Acre
Beckmannia syzigachne	American slough grass	20	0.92
Carex amplifolia	Bigleaf sedge	15	1.86
Carex obnupta	Slough sedge	10	1.24
Eleocharis palustris	Great spike rush	10	0.85
Glyceria occidentalis	Western manna grass	20	5.26
Juncus acuminatus	Tapered rush	10	0.03
Scirpus acutus	Hardstem bullrush	15	2.02

LOW GROW GRASS SEED MIX

Botanical Name	Common Name	%PLS of Mix	PLS Pounds per Acre
Agrostis exarata	Spike bentgrass	25	0.26
Buchloe dactyloides	Buffalo grass	15	17.96
Elymus glaucus	Blue wildrye	30	12.76
Festuca rubra var. rubra	Red fescue	15	3.23
Lupinus polyphyllus	Large-leaved lupine	5	13.21

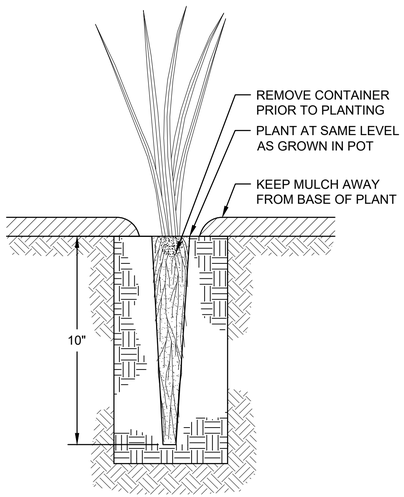
EROSION CONTROL SEED MIX

Botanical Name	Common Name	%PLS of Mix	PLS Pounds per Acre
Agrostis exarata	Spike bentgrass	5	0.06
Bromus carinatus	California brome	15	9.13
Deschampsia cespitosa	Tufted hairgrass	5	0.01
Elymus glaucus	Blue wildrye	20	9.50
Hordeum brachyantherum	Meadow barley	30	2.74
Festuca rubra var. rubra	Red fescue	20	3.20
Lupinus polyphyllus	Large-leaved lupine	5	4.16



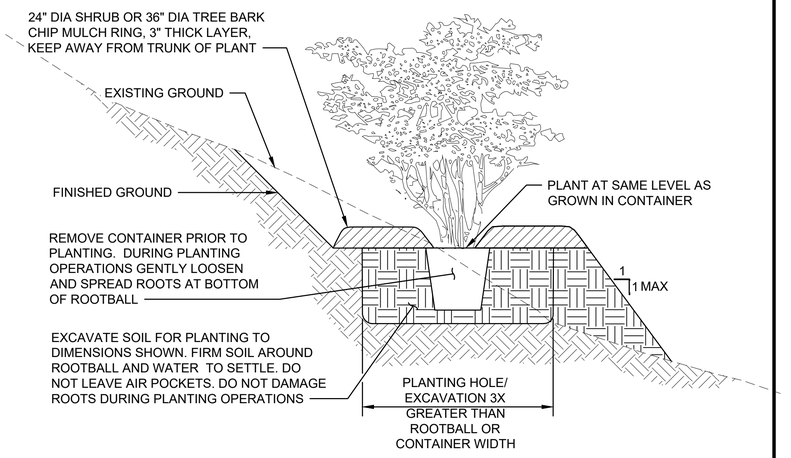
DETAIL - CONTAINER TREE AND SHRUB PLANTING 1 / -

SCALE: NTS



DETAIL - 10" DEEP ROOT PLUG PLANTING 2 / -

SCALE: NTS



DETAIL - CONTAINER TREE AND SHRUB PLANTING ON SLOPE 3 / -

SCALE: NTS

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED D. ANSLOW
DRAWN C. WITZEL
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

STORMWATER PLANTING SCHEDULES AND DETAILS

DRAWING NO. 190 OF 239
L20.02

LAYOUT: L20.02 PATH: C:\Users\CWitzel\DC\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CAD\DWG\SD - Herrera PLOTTED BY: CWitzel DATE: Friday, August 16, 2024 10:04:31 AM

MECHANICAL ABBREVIATIONS

ABBREV.	DESCRIPTION
ARR	ARRANGEMENT
AFF	ABOVE FINISHED FLOOR
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
BLDG	BUILDING
CAP	CAPACITY
CIP	CAST IRON PIPE
CLG	CEILING
CO	CLEANOUT
CONN	CONNECTION
CONT	CONTINUE, CONTINUED, CONTINUATION
DEG F,°F	DEGREE FAHRENHEIT
DIA, Ø	DIAMETER
DN	DOWN
EQUIP	EQUIPMENT
ELEC, EC	ELECTRICAL, ELECTRICAL CONTRACTOR
ELEV	ELEVATION
FL	FLOOR
FCO	FLOOR CLEANOUT
FOIC	FURNISHED BY OWNER/ INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER/ INSTALLED BY OWNER
FT	FEET
GC	GENERAL CONTRACTOR
GA	GAUGE
GAL	GALLON
GPH	GALLON PER HOUR
GPM	GALLON PER MINUTE
GALV	GALVANIZED
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
HT	HEIGHT
HP	HORSE POWER
IN	INCH
I.E.	INVERT ELEVATION
KW	KILOWATT
LB	POUND
MC	MECHANICAL HVAC CONTRACTOR
MFR	MANUFACTURER
MAX	MAXIMUM
MBH	THOUSAND BTUH
MECH	MECHANICAL
MIN	MINIMUM
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO., #	NUMBER
OC	ON CENTER
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PH	PHASE
PLCS	PLACES
P.D.I.	PLUMBING AND DRAINAGE INSTITUTE
PSI	POUNDS PER SQUARE INCH
PD	PRESSURE DROP
PSIG	POUNDS PER SQUARE INCH GAGE
REF	REFERENCE
REQ'D	REQUIRED
RPM	REVOLUTIONS PER MINUTE
RM	ROOM
SQ	SQUARE
SCO	SURFACE CLEANOUT
TEMP	TEMPERATURE
TYP	TYPICAL
VTR	VENT THROUGH ROOF
V	VOLTS, VOLTAGE
WCO	WALL CLEAN OUT
H2O	WATER
W	WATT
W/	WITH

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
—— – —— – ——	COLD WATER
——— – – ———	HOT WATER (140° F)
——— – – –115——	HOT WATER (115° F)
——— – – –145——	HOT WATER (145° F)
———TP———	TRAP PRIMER LINE
	INSERTION THERMOMETER
———3"———	WASTE
- - - - - - - - - - - - -	VENT
———C———	CONDENSATE DRAIN
———RVD———	RELIEF VALVE DISCHARGE
—— • —— • —— • ——	REFRIGERANT LINE SETS (LIQUID & VAPOR)
	UNION
	CHECK VALVE
	BALL VALVE
	RELIEF OR SAFETY VALVE
M	MOTORIZED DAMPER
T #	THERMOSTAT, # INDICATES EQUIPMENT SERVED
OS #	OCCUPANCY SENSOR, # INDICATES EQUIPMENT SERVED
3"Ø	ROUND DUCT SIZE
12/12	DUCTWORK (WIDTH, HEIGHT)
10/4L(#)	DUCT (WIDTH, HEIGHT), L INDICATES LINED DUCT (DIMENSIONS CLEAR INSIDE), (#) INDICATES THICKNESS WHEN GREATER THAN 1" THICK)
- - - - - - - - - - - - -	LOW VOLTAGE WIRING
	HOSE BIBB
EF-1	CEILING EXHAUST FAN
RG-1	RELIEF GRILLE
	SQUARE TO ROUND DUCT TRANSITION
	TURNING VANE
	FLEXIBLE DUCT CONNECTION

2018 CODE COMPLIANCE

GENERAL MECHANICAL / PLUMBING NOTES

1. ALL MATERIALS AND WORK SHALL BE PROVIDED AND INSTALLED IN COMPLIANCE WITH THE FOLLOWING CODES AS AMENDED AND ADOPTED BY THE AUTHORITY HAVING JURISDICTION (AHJ). NOTHING IN THE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHER CODES OR STANDARDS APPLICABLE TO THIS PROJECT.
   - A. WASHINGTON STATE BUILDING CODE
   - B. 2018 IBC
   - C. 2018 IMC
   - D. 2018 UPC
   - E. 2018 WASHINGTON STATE ENERGY CODE COMMERCIAL PROVISIONS (WSEC)
   - F. 2018 IFC
   - G. OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)
2. DRAWINGS INDICATE DIAGRAMMATICALLY THE ARRANGEMENT OF PRINCIPAL APPARATUS, PIPING, DUCTWORK AND OTHER MATERIALS. FOLLOW DRAWINGS AS CLOSELY AS POSSIBLE IN ORDER TO ACHIEVE A NEAT ARRANGEMENT OF PIPING, DUCTWORK AND EQUIPMENT WHILE STILL OVERCOMING OBSTRUCTIONS. ALL PIPING SHALL BE ROUTED CONCEALED IN WALLS, ABOVE THE BOTTOM CHORD OF TRUSSES IN ROOMS WITHOUT CEILINGS AND ABOVE CEILINGS IN ROOMS WITH FINISHED CEILINGS.
3. DUCTWORK SHALL BE FABRICATED AND INSTALLED AND SEALED IN ACCORDANCE WITH THE 2018 IMC AND THE LATEST ADDITION OF THE SMACNA HVAC DUCT CONSTRUCTION STANDARDS, ALL DUCTWORK IS CLASSIFIED AS LOW PRESSURE (2 INCHES W.G. OR LESS) WITH EXHAUST DUCTWORK POSITIVE 2 INCHES PRESSURE CLASS. EXTERIOR DUCTWORK SHALL BE STAINLESS STEEL.
4. DOMESTIC WATER PIPING SHALL BE INSULATED AS FOLLOWS: ALL DOMESTIC HOT WATER PIPING SYSTEMS SHALL BE INSULATED WITH 1.0 INCH INSULATION HAVING A THERMAL CONDUCTIVITY NOT EXCEEDING 0.27 BTU PER INCH/H SF °F.
5. ALL OUTSIDE AIR DUCTWORK SHALL BE INSULATED WITH MINIMUM R-7 INSULATION FROM THE ROOF PENETRATION TO THE CONNECTION TO THE OUTSIDE AIR DAMPER.
6. REFRIGERATION PIPING SHALL BE INSULATED WITH A MINIMUM 1/2 - INCH THICK INSULATION (R-3 MINIMUM) WITH A VAPOR BARRIER. WHERE EXPOSED TO WEATHER, INSULATION SHALL BE COVERED WITH AN ALUMINUM METAL JACKET WITH SEALED JOINTS AND SEAMS.
7. ALL INSULATION SHALL HAVE A MAXIMUM FUEL CONTRIBUTION OF 50, MAXIMUM SMOKE DEVELOPMENT OF 50, AND MAXIMUM FLAME SPREAD OF 25.
8. DOMESTIC WATER PIPING SHALL BE TYPE K SEAMLESS, CLASS 200 POLY OR PEX PIPING FROM THE EXTERIOR POINT OF CONNECTION TO THE INSIDE SHUTOFF VALVE WITH NO JOINTS UNDER THE BUILDING CONCRETE FLOORS. FROM THE INSIDE SHUTOFF VALVE, PIPING SHALL BE EITHER TYPE L COPPER OR PEX EXCEPT FOR PIPING WITHIN 18 INCHES OF WATER HEATERS, AND AS INDICATED ON THE DRAWINGS, SHALL BE TYPE L COPPER.
9. WASTE AND VENT PIPING SHALL BE EITHER NO-HUB CAST IRON, ABS DWV OR PVC DWV.
10. AIR SYSTEMS SHALL BE BALANCED PER AABC OR NEBB STANDARDS. SUBMIT COMPLETED TAB REPORT TO OWNER AND AHJ.
11. PROVIDE COMPLETED BUILDING DOCUMENTATION AND CLOSE OUT SUBMITTAL TO OWNER IN COMPLIANCE WITH WSEC C103.6.

WSEC EFFICIENT SERVICE HOT WATER SOURCE COMPLIANCE:
DOMESTIC HOT WATER SUPPLY RUNOUTS FROM THE WATER HEATER HOT WATER SUPPLY PIPING TO THE PLUMBING FIXTURES SHALL NOT EXCEED 21 FEET WITH 3/4" SUPPLY RUNOUTS AND 43 FEET WITH 1/2" SUPPLY RUNOUTS.

WSEC EFFICIENCY: ATTENDANT BUILDING.
ADDITIONAL ENERGY EFFICIENCY CREDIT - 4.6.1: MORE EFFICIENT HVAC PERFORMANCE IN ACCORDANCE WITH SECTION 406.2 WITH A PERFORMANCE THAT IS 51.5% BETTER THAN CODE MINIMUM IN COOLING AND 29.3% BETTER THAN CODE MINIMUM IN HEATING. PRIMARY HEATING SHALL BE BY HEAT PUMP SYSTEM HPCU-1 / HPIU-1. ELECTRIC HEAT PROVIDED FOR NON-AIR CONDITIONED AREAS WITH AUXILIARY ELECTRIC HEAT (RESTROOM AND STORAGE ROOM) AND FOR INDIVIDUAL ATTENDANT SUPPLEMENTAL HEAT WITH MANUAL CONTROL TO OFFSET HIGH LEVELS OF INFILTRATION AT THE TRANSACTION WINDOWS WHICH ARE CONTINUALLY OPENED & CLOSED FOR ALL WINDOW TRANSACTIONS WITH CUSTOMERS.

WSEC ECONOMIZER EXCLUSIONS: ATTENDANT BUILDING.
SERVER ROOM ACCU-1/ACIU-1 SYSTEM SEER RATING IS 21.4, MINIMUM SEER RATING FOR ECONOMIZER EXCLUSION IS 21.32. ATTENDANT AREA HPCU-1 / HPIU-1 IS PROVIDED WITH A DOAS SYSTEM TO PROVIDE PRESSURIZATION TO MITIGATE NOXIOUS FUMES FROM VEHICLES WITH ATTENDANT CONTROL TO INCREASE VENTILATION WHEN THE CO/NO2 GAS MONITOR IS UNDER ALARM CONDITIONS.

MECHANICAL TEMPERATURE CONTROL - SEQUENCE OF OPERATION:
SERVER ROOM ACCU-1/ACIU-1 SYSTEM: SYSTEM SHALL BE CONTROLLED TO PROVIDE AIR CONDITIONING OF THE SERVER ROOM BY A 7-DAY PROGRAMMABLE THERMOSTAT WITH COOLING SETPOINT CONTROL DURING THE OCCUPIED BUILDING MODE AND DURING THE UN-OCCUPIED BUILDING MODE.

STORAGE ROOM ECH-1 ELECTRIC HEAT: ECH-1 SHALL BE CONTROLLED BY A MANUAL LINE VOLTAGE THERMOSTAT TO PROVIDE HEATING SETPOINT CONTROL TO MAINTAIN THE STORAGE ROOM AT 55F (ADJUSTABLE).

RESTROOM EF-1 EXHAUST FAN AND ECH-2 ELECTRIC HEAT: EF-1 SHALL BE CONTROLLED BY MOTION SENSOR TO ACTIVATE EXHAUST FAN WHEN THE RESTROOM IS OCCUPIED WITH A 15 MINUTE TIME DELAY TO TURN OFF FAN AFTER OCCUPANCY. ECH-2 SHALL BE CONTROLLED BY A 7-DAY PROGRAMMABLE LINE VOLTAGE THERMOSTAT TO PROVIDE OCCUPIED AND UN-OCCUPIED HEATING SETPOINT (70F OCCUPIED SETPOINT AND 60F UN-OCCUPIED SETPOINT - ADJUSTABLE).

CONTROL ROOM / KITCHENETTE: HPCU-1 / HPIU-1 SHALL BE CONTROLLED BY 7-DAY PROGRAMMABLE CONTROLLER WITH 5F DEADBAND MODE BETWEEN HEATING AND COOLING SETPOINTS (70F HEATING / 75F COOLING OCCUPIED SETPOINTS AND 60F HEATING / 85F COOLING UN-OCCUPIED SETPOINTS - ADJUSTABLE). INDOOR FAN SHALL BE SET IN THE AUTO MODE TO CYCLE FAN ON DURING THE HEATING OR COOLING MODE AND OFF IN THE DEADBAND MODE.
VENTILATION AIR THROUGH SF-1 / DH-1 SHALL BE INTERLOCKED WITH THE HPCU-1 / HPIU-1 CONTROLLER TO BE ENABLED DURING THE OCCUPIED MODE AND OFF DURING THE UN-OCCUPIED MODE, OUTSIDE AIR DAMPER SHALL BE OPENED DURING OCCUPIED MODE AND CLOSED DURING UN-OCCUPIED MODE WITH SUPPLY AIR TEMPERATURE SET TO MAINTAIN 70F THROUGH DUCT HEATER DH-1. VENTILATION AIR SHALL BE SHALL BE ADJUSTABLE BY ATTENDANTS THROUGH A SPEED CONTROLLER TO INCREASE VENTILATION FROM A MINIMUM OF 200 CFM UP TO 500 CFM DURING POOR INDOOR AIR QUALITY, MONITORED BY THE CONTROL ROOM CO / NO2 GAS MONITOR. LOW ALERT AND HIGH ALERT WARNING LIGHTS SHALL BE PROVIDED TO ALERT ATTENDANTS TO INCREASE VENTILATION AS REQUIRED TO REDUCE LEVELS OF CO AND NO2.

CONTROL ROOM SUPPLEMENT ELECTRIC HEAT: EACH ATTENDANT WINDOW IS PROVIDED WITH SUPPLEMENTAL ELECTRIC WALL HEATERS AND RADIANT COVE HEATERS WITH MANUAL SETPOINT CONTROL BY ATTENDANTS TO OFFSET COLD INFILTRATION AIR THROUGH THE TRANSACTION WINDOWS. TRANSACTION WINDOW ELECTRIC HEAT WILL BE ENABLED DURING THE OCCUPIED MODE AND DISABLED DURING THE UN-OCCUPIED MODE AND DURING THE COOLING MODE OF THE HPCU-1 / HPIU-1 SYSTEM.

SEE DRAWINGS M10.04 AND M10.05 FOR ATTENDANT BUILDING CONTROL DIAGRAMS.

SEE DRAWINGS M10.05 FOR LHHW BUILDING AND OPERATOR WARMING STATION BUILDING FOR CONTROL DIAGRAM.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

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10/24/2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ABBREVIATIONS, LEGEND AND 2018 CODE COMPLIANCE

DRAWING NO. 191 OF 239
M10.01

PLUMBING FIXTURE SCHEDULE – ATTENDANT BUILDING

SYMBOL	DESCRIPTION	W (DFU)	V	CW (CWSFU)	HW (HWSFU)	# OF FIXTURES	TOTALS			REMARKS
							DFU	CWSFU	HWSFU	
P–1	FLUSH VALVE WATER CLOSET ADA COMPLIANT	3" (4)	2"	1" (35)	– (–)	1	4	35	–	
P–2	WALL HUNG LAVATORY ADA COMPLIANT	1–1/2" (1)	1–1/2"	1/2" (1)	1/2" (1)	1	1	1	1	
P–3	SINGLE COMPARTMENT KITCHEN SINK W/ DISHWASHER ADA COMPLIANT	2" (2)	1–1/2"	1/2" (1.5)	1/2" (1.5)	1	2	1.5	1.5	
HB–1	FREEZE PROOF HOSE BIBB	–	–	3/4" (2.5)	–	1	–	2.5	–	
WH–1	SINGLE ELEMENT 20 GAL. ELECTRIC 4.5KW 230V/1PH	–	–	1/2" (–)	1/2" (–)	1	–	–	–	
TMV–1	THERMOSTATIC MIXING VALVE	–	–	3/4" (–)	3/4" (–)	1	–	–	–	1
TOTALS							DFU'S	CWSFU'S	HWSFU'S	
							7	40	2.5	

REMARKS:

1. SET TMV–1 DISCHARGE TEMPERATURE AT 115°F.

PLUMBING FIXTURE SCHEDULE – LHHW BUILDING

SYMBOL	DESCRIPTION	W (DFU)	V	CW (CWSFU)	HW (HWSFU)	# OF FIXTURES	TOTALS			REMARKS
							DFU	CWSFU	HWSFU	
P–4	WASHUP SINK	2" (2)	1–1/2"	1/2" (1.5)	1/2" (1.5)	1	2	1.5	1.5	1
FD–1	2" FLOOR DRAIN	2" (2)	1–1/2"	–	–	1	2	–	–	2
FD–2	3" FLOOR DRAIN	3" (4)	3"	–	–	1	4	–	–	2
WH–2	SINGLE ELEMENT 80 GAL. ELECTRIC 6.0KW 230V/1PH	–	–	3/4" (–)	3/4" (–)	1	–	–	–	
ESW–1	EMERGENCY SHOWER AND EYEWASH	–	–	–	1–1/4" (TEPID)	1	–	–	–	3
TMV–2	THERMOSTATIC MIXING VALVE	–	–	1/2" (–)	1/2" (–)	1	–	–	–	4
TMV–3	THERMOSTATIC MIXING VALVE	–	–	1–1/4" (35)	1–1/4" (35)	1	–	35	35	5
TD–1	TRENCH DRAIN	–	–	–	–	1	–	–	–	
HB–1	FREEZE PROOF HOSE BIBB	–	–	3/4" (2.5)	–	1	–	2.5	–	
TOTALS							DFU'S	CWSFU'S	HWSFU'S	
							8	39	36.5	

REMARKS:

1. PROVIDE HEAT TRACE OF THE EXPOSED HOT & COLD WATER SUPPLIES AND SINK P–TRAP.
2. PROVIDE W/ELECTRONIC TRAP PRIMER VALVE TO SERVE FD–1 AND FD–2.
3. PROVIDE HEAT TRACE OF THE EXPOSED TEPID WATER SUPPLY AND EXPOSED EWS–1 EMERGENCY SHOWER AND EYE WASH COMPONENTS.
4. SET TMV–2 DISCHARGE TEMPERATURE AT 115° F.
5. SET TMV–3 DISCHARGE TEMPERATURE AT 60° F.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

PLUMBING FIXTURE SCHEDULES

DRAWING NO.
192 OF 239
M10.02

DUCTLESS HEAT PUMP INDOOR UNIT SCHEDULE
BASIS OF DESIGN

TAG	MANUFACTURER & MODEL NO.	AREA SERVED	COOLING BTUH	HEATING BTUH (47F/17F)	ELECTRICAL DATA				MATCHING OUTDOOR UNIT	EQUIPMENT WEIGHT LBS.	REMARKS
					VOLTS	PHASE	MCA	FLA			
HPIU-1	MITSUBISHI-TRANE PKA-AK24NL	CONTROL ROOM 101	24,000	28,000/ 26,000	230	1	1.0	0.36	HPCU-1	46	1, 2, 3, 4, 5

REMARKS:
1. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR POWER AND CONTROL WIRING BETWEN INDOOR AND OUTDOOR UNIT. INDOOR UNIT TO BE POWERED THROUGH OUTDOOR UNIT.
2. PROVIDE REFRIGERATION LINE SET BETWEEN INDOOR UNIT AND OUTDOOR CONDENSING UNIT WITH A MINIMUM PIPE LENGTH OF 25 FEET. COIL EXCESS REFRIGERATION LINE IN ATTIC.
3. PROVIDE WITH CONDENSATE PUMP. ROUTE CONDENSATE DRAIN AS INDICATED ON DRAWINGS.
4. UNIT SHALL BE FURNISHED WITH PAR-42MAAUB WIRED WALL MOUNT CONTROLLER WITH THERMOSTAT CONTROL INTERFACE. CONTROLLER SHALL BE CAPABLE OF 7-DAY PROGRAM CONTROL AND MINIMUM 5° F DEADBAND BETWEEN HEATING AND COOLING SETPOINTS. FAN SHALL BE SET FOR AUTO MODE TO CYCLE FAN DURING HEATING AND COOLING MODES, FAN OFF IN DEADBAND MODE.
5. PROVIDE CN24RELAY-KIT-CM3 INTERLOCK RELAY TO DISABLE ELECTRIC HEAT DURING COOLING MODE AND DURING UN-OCCUPIED MODE.

DUCTLESS AIR CONDITIONING INDOOR UNIT SCHEDULE
BASIS OF DESIGN

TAG	MANUFACTURER & MODEL NO.	AREA SERVED	COOLING BTUH	ELECTRICAL DATA				MATCHING OUTDOOR UNIT	EQUIPMENT WEIGHT LBS.	REMARKS
				VOLTS	PHASE	MCA	FLA			
ACIU-1	MITSUBISHI-TRANE PKA-AK24NL	SERVICE ROOM 104	24,000	230	1	1.0	0.36	ACCU-1	46	1, 2, 3, 4

REMARKS:
1. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR POWER AND CONTROL WIRING BETWEEN INDOOR AND OUTDOOR UNIT. INDOOR UNIT POWERED THROUGH OUTDOOR UNIT.
2. PROVIDE REFRIGERATION LINE SET BETWEEN INDOOR UNIT AND OUTDOOR CONDENSING UNIT WITH A MINIMUM PIPE LENGTH OF 25 FEET. COIL EXCESS REFRIGERATION LINE IN ATTIC.
3. ROUTE CONDENSATE DRAIN AS INDICATED ON DRAWINGS.
4. UNIT SHALL BE FURNISHED WITH PAR-42MAAUB WIRED WALL MOUNT CONTROLLER WITH THERMOSTAT CONTROL INTERFACE. CONTROLLER SHALL BE CAPABLE OF 7-DAY PROGRAM CONTROL WITH OCCUPIED AND UN-OCCUPIED COOLING SETPOINTS. FAN SHALL BE SET FOR AUTO MODE TO CYCLE FAN DURING COOLING MODE, FAN OFF WHEN SETPOINT IS SATISFIED.

DUCTLESS HEAT PUMP CONDENSING UNIT SCHEDULE
BASIS OF DESIGN

TAG	MANUFACTURER & MODEL NO.	COOLING BTUH	HEATING BTUH (47F/17F)	ELECTRICAL DATA				SEER	HSPF	COP 47F/17F	MATCHING INDOOR UNIT	EQUIPMENT WEIGHT LBS.	REMARKS
				VOLTS	PHASE	MCA	MOCP						
HPCU-1	MITSUBISHI-TRANE PUZ-AK24NLHZ	24,000	28,000 26,000	240	1	24.0	39.0	21.8	9.5	4.3/1.7	HPIU-1	231	1, 2, 3, 4, 5, 6

REMARKS:
1. POWER INDOOR UNIT THROUGH OUTDOOR UNIT.
2. CONDENSING UNIT SHALL BE PAD MOUNTED ON TWO (2) DIVERSITECH HEF-T-BLOCK MODEL 230-MB17W MOUNTING BASES.
3. SEE 2018 CODE COMPLIANCE ON SHEET M10.01 FOR MECHANICAL TEMPERATURE CONTROLS - SEQUENCE OF OPERATION.
4. PROVIDE WITH (4) MASON INDUSTRIES MODEL ND-A-BLACK NEOPRENE ISOLATIONS WITH STAINLESS STEEL FASTENERS.
5. PROVIDE WITH GORILLA CORROSION PROTECTION MEETING OR EXCEEDING 10,000 HOUR SALT SPRAY TEST PER ASTM-B117.
6. PROVIDE WITH BUILT-IN BASEPAN HEATER.

DUCTLESS AIR CONDITIONING CONDENSING UNIT SCHEDULE
BASIS OF DESIGN

TAG	MANUFACTURER & MODEL NO.	COOLING BTUH	ELECTRICAL DATA				SEER	MATCHING INDOOR UNIT	EQUIPMENT WEIGHT LBS.	REMARKS
			VOLTS	PHASE	MCA	OCP				
ACCU-1	MITSUBISHI-TRANE PUY-AH24NL	24,000	230	1	22.0	37.0	21.1	ACIU-1	155	1, 2, 3, 4, 5, 6

REMARKS:
1. POWER INDOOR UNIT THROUGH OUTDOOR UNIT.
2. CONDENSING UNIT SHALL BE PAD MOUNTED ON TWO (2) DIVERSITECH HEF-T-BLOCK MODEL 230-MB17W MOUNTING BASES.
3. SEE 2018 CODE COMPLIANCE ON SHEET M10.01 FOR MECHANICAL TEMPERATURE CONTROLS - SEQUENCE OF OPERATION.
4. PROVIDE WITH (4) MASON INDUSTRIES MODEL ND-A-BLACK NEOPRENE ISOLATIONS WITH STAINLESS STEEL FASTENERS.
5. PROVIDE WITH GORILLA CORROSION PROTECTION MEETING OR EXCEEDING 10,000 HOUR SALT SPRAY TEST PER ASTM-B117.
6. PROVIDE FRONT WIND BAFFLE FOR LOW AMBIENT OPERATION BELOW 23° F.

ELECTRIC HEATER SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER & MODEL NUMBER	CAPACITY WATTS	ELECTRICAL		REMARKS
				VOLTS	PHASE	
ECH-1	ELECTRIC COVE HEATER	KING ELECTRIC KCV1202	210	120	1	1, 4
ECH-2	ELECTRIC COVE HEATER	KING ELECTRIC KCV1202	210	120	1	2, 4
ECH-3	ELECTRIC COVE HEATER	KING ELECTRIC KCV2409	840	240	1	1, 3, 4
ECH-4	ELECTRIC COVE HEATER	KING ELECTRIC KCV1204	420	120	1	2, 4
EWH-1	ELECTRIC WALL HEATER	KING ELECTRIC MODEL PAW1215	500	120	1	1, 3, 4
EWH-2	ELECTRIC WALL HEATER	KING ELECTRIC MODEL PAW1215	500	120	1	1, 4, 5

REMARKS:
1. PROVIDE WITH MANUAL LINE VOLTAGE THERMOSTAT, KING ELECTRIC K322E.
2. PROVIDE WITH 7-DAY PROGRAMMABLE LINE VOLTAGE THERMOSTAT, KING ELECTRIC K302PE.
3. ECH-3's AND EWH-1's SHALL BE WIRED THROUGH COMMON CIRCUIT WITH LINE VOLTAGE RELAY TO DISABLE HEAT WHEN HPIU-1 IS IN COOLING MODE AND DURING UN-OCCUPIED MODE.
4. SEE 2018 CODE COMPLIANCE ON SHEET M10.01 FOR MECHANICAL TEMPERATURE CONTROLS - SEQUENCE OF OPERATIONS.
5. PROVIDE WITH LINE VOLTAGE OCCUPANCY SENSOR WITH ADJUSTABLE TIME DELAY OFF.

DUCT HEATER SCHEDULE

SYMBOL	MANUFACTURER & MODEL NUMBER	INTERLOCK	CAPACITY KW	ELECTRICAL		REMARKS
				VOLTS	PHASE	
DH-1	INDEECO QUA	SF-1	7.5	230	1	1, 2

REMARKS:
1. PROVIDE WITH DISCONNECT SWITCH, SCR CONTROL, MANUALLY RESETTABLE THERMAL OVER LOADS, AIRFLOW SWITCH, CONTROL TRANSFORMER AND TYPE K PROPORTIONAL SCR CONTROL WITH ENCLOSURE MOUNTED THERMOSTAT WITH DUCT MOUNTED REMOTE SENSOR.
2. PROVIDE STAND-OFF BRACKETS FOR INSTALLATION IN LINED DUCTWORK.

AIR TERMINAL SCHEDULE
BASIS OF DESIGN

SYMBOL	DESCRIPTION FOR BASIS OF DESIGN
L-1	RUSKIN ELF375DX LOUVER W/ COLOR SELECTION TO MATCH SIDING COLOR
SG-1	PRICE MODEL 620 ALUMINUM DOUBLE DEFLECTION, ADJUSTABLE BLADES, 3/4" SPACING
RG-1	PRICE MODEL 630 ALUMINUM RELIEF GRILLE W/ 45° BLADES, 3/4" SPACING
BRD-1	RUSKIN MODEL NMSZ FABRIC BLADE RELIEF DAMPER
GB-1	FAMCO GVB12SS STAINLESS STEEL GLOBE VENT
TG-1	14"x14" TRANSFER DOOR LOUVER PROVIDED UNDER SECTION 08 11 13

FAN SCHEDULE

SYMBOL	MANUFACTURER AND MODEL	AREA SERVED	CFM	CFM/W	S.P.	ELECT.		REMARKS
						WATTS	V/PH	
EF-1	PANASONIC FV-05-11VK2	ATTENDANT BLDG. RESTROOM	80	8.4	0.25	10.2	120/1	1, 2
SF-1	COOK MODEL 100SQN28D(VF)	ATTENDANT BLDG. CONTROL RM	500	6.41	0.50	78, 1/3HP	120/1	3, 4, 5

REMARKS:
1. PROVIDE WITH GRILLE MOUNT OCCUPANCY SENSOR TO ACTIVATE FAN WITH 20 MINUTE TIME DELAY OFF.
2. PROVIDE WITH PRIMEX WC4 WALL CAP, COLOR AS SELECTED BY ARCHITECT.
3. PROVIDE WITH V-BANK FILTER HOUSING WITH 2" MERV8 FILTERS, ECM MOTOR WITH VFRSC EXTERNAL SPEED CONTROLLER AND VFABK INTERFACE, 1" STATIC DEFLECTION FLOOR MOUNT SPRING ISOLATORS AND INLET/OUTLET FLEX CONNECTORS.
4. INTERLOCK WITH MOTORIZED OUTSIDE AIR DAMPER AND DH-1 DUCT HEATER.
5. PROVIDE FAN RELAY FOR INTERLOCK WITH DUCT HEATER DH-1.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

LARRY N. STORSET — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — 16454
8/28/2025

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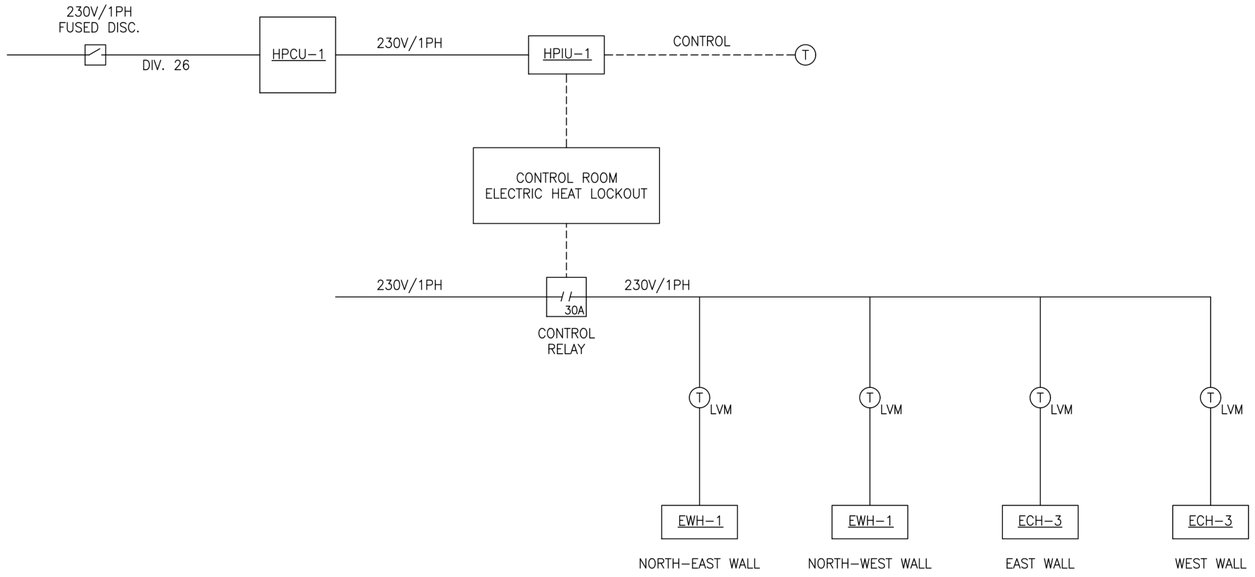
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

MECHANICAL SCHEDULES

DRAWING NO. 193 OF 239
M10.03

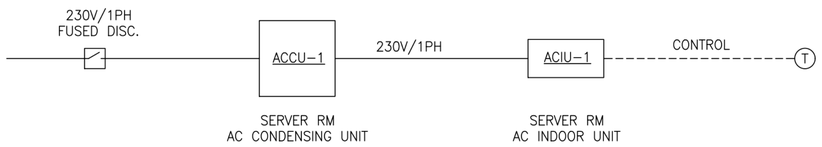


HPCU-1/HPIU-1 HEAT PUMP/ELECTRIC HEAT SYSTEM CONTROL DIAGRAM

NO SCALE

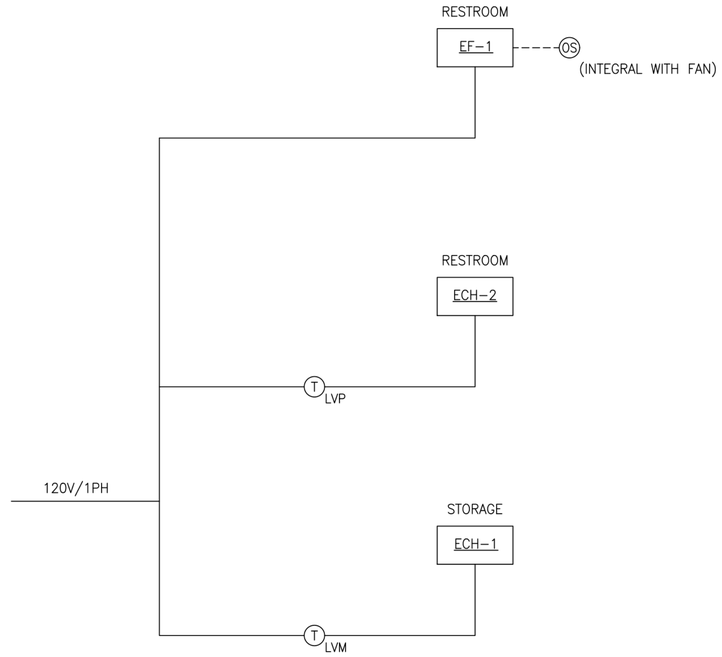
KEY

- LINE VOLTAGE WIRING – DIV. 26
- LOW VOLTAGE WIRING – DIV. 23
- T — LOW VOLTAGE THERMOSTAT – DIV. 23
- T LVM — MANUAL LINE VOLTAGE THERMOSTAT – DIV. 23
- T LVP — PROGRAMMABLE LINE VOLTAGE THERMOSTAT – DIV. 23
- CONTROL RELAY – DIV. 23
- DISCONNECT – DIV. 26



ACCU-1/ACIU-1 AIR CONDITIONING SYSTEM CONTROL DIAGRAM

NO SCALE



ATTENDANT BUILDING RESTROOM/STORAGE CONTROL DIAGRAM

NO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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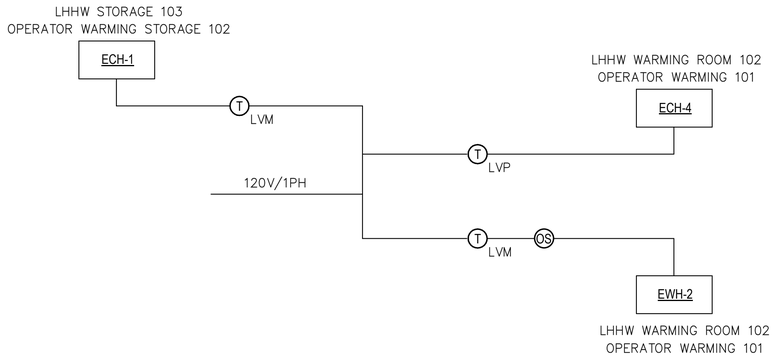
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

TEMPERATURE CONTROLS

DRAWING NO.
194 OF 239
M10.04

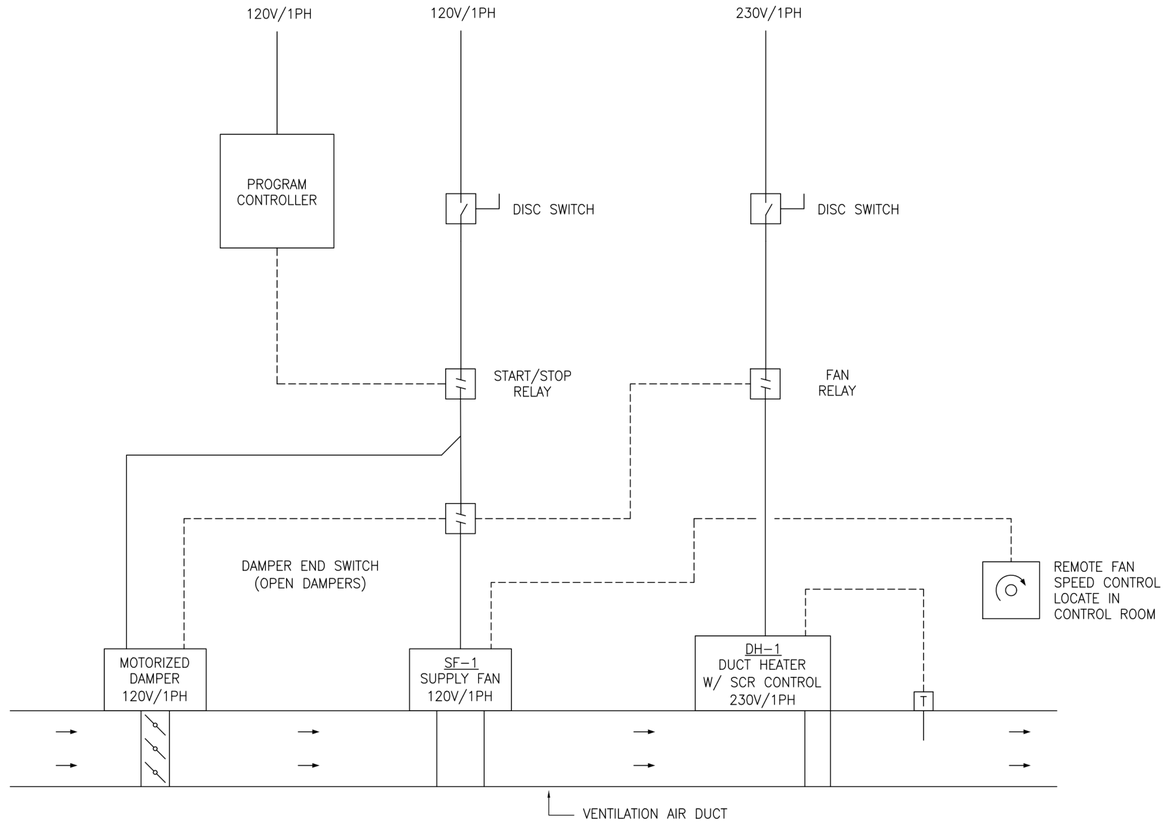


LHHW HEATING HEAT CONTROL DIAGRAM / OPERATOR WARMING STATION HEAT CONTROL DIAGRAM

NO SCALE

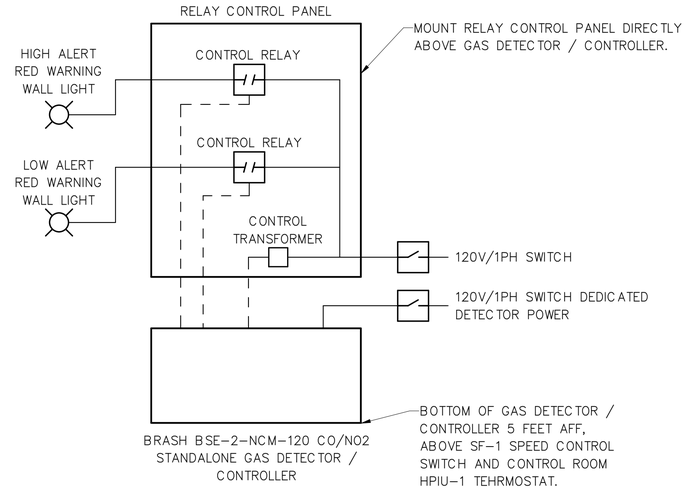
KEY

- LINE VOLTAGE WIRING – DIV. 26
- LOW VOLTAGE WIRING – DIV. 23
- OS — OCCUPANCY SENSOR LINE VOLTAGE – DIV. 23
- T — LOW VOLTAGE THERMOSTAT – DIV. 23
- T LVM — MANUAL LINE VOLTAGE THERMOSTAT – DIV. 23
- T LVP — PROGRAMMABLE LINE VOLTAGE THERMOSTAT – DIV. 23
- CONTROL RELAY – DIV. 23
- DISCONNECT – DIV. 26



SUPPLY FAN SF-1/DUCT HEATER DH-1 CONTROL DIAGRAM CONTROL DIAGRAM

NO SCALE



ATTENDANT BUILDING GAS MONITOR CONTROL DIAGRAM / WARNING LIGHT ACTIVATION

NO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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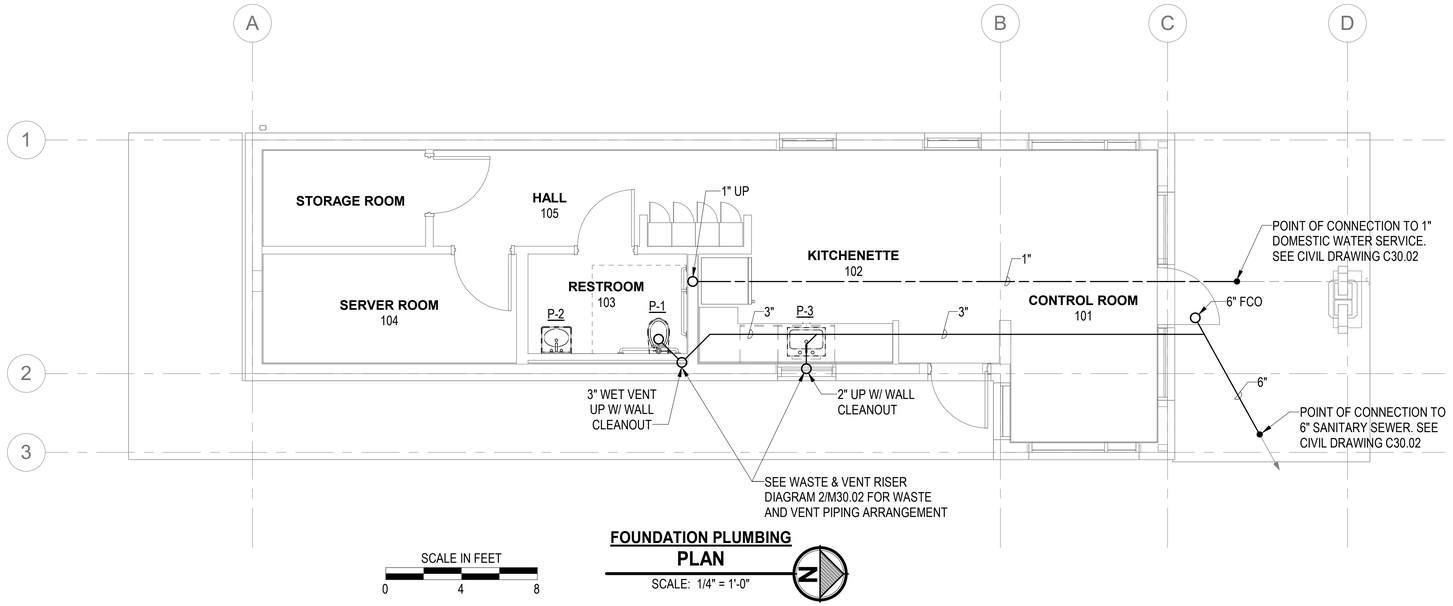
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

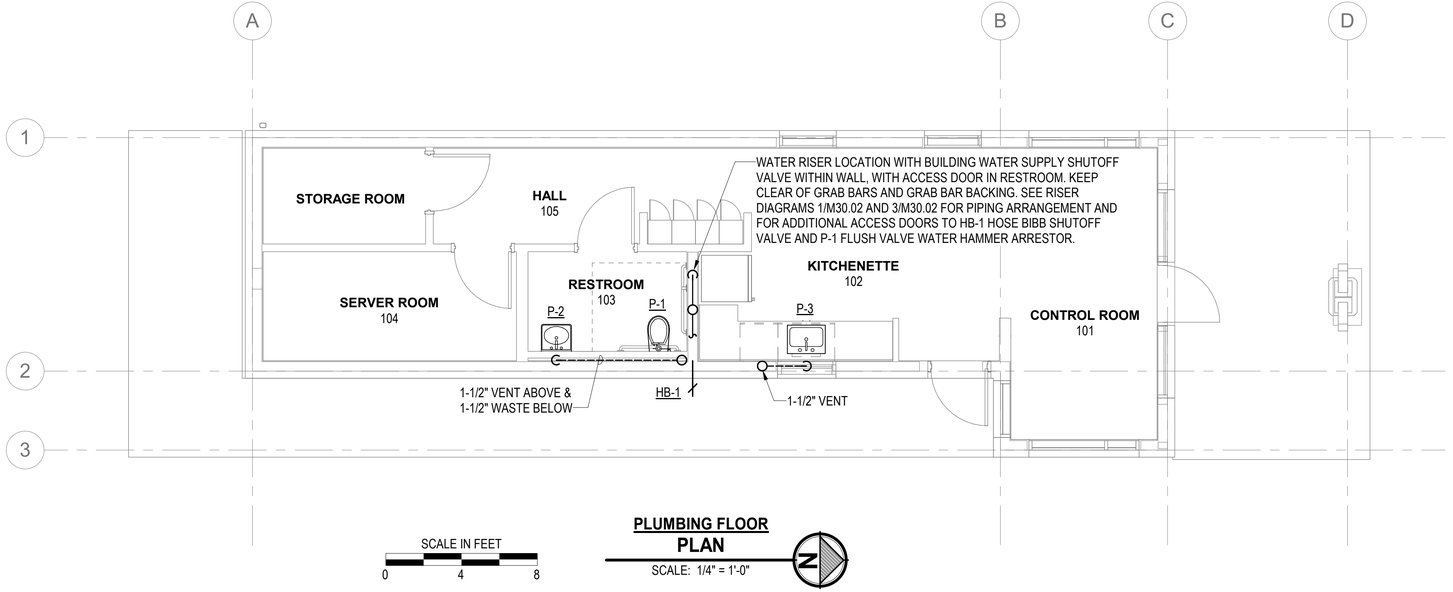
TEMPERATURE CONTROLS

DRAWING NO.
195 OF 239
M10.05



FOUNDATION PLUMBING PLAN

SCALE: 1/4" = 1'-0"



PLUMBING FLOOR PLAN

SCALE: 1/4" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME Silverdale RAGF-AB.rvt
JOB No. 553-1578-155
DATE MARCH 2025

LARRY N. STORSET — STATE OF WASHINGTON — 16454 — REGISTERED PROFESSIONAL ENGINEER

10/24/2025

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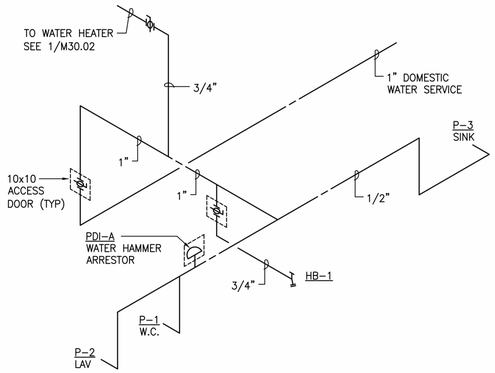
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING PLUMBING PLANS

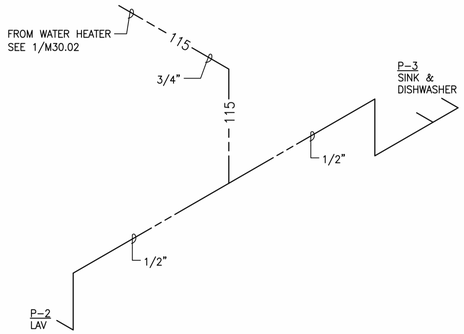
DRAWING NO.
196 OF 239

M30.01

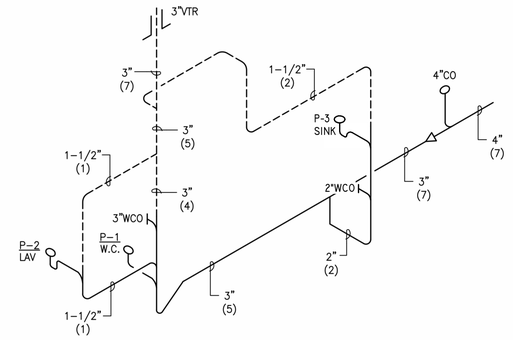


DOMESTIC COLD WATER RISER
DIAGRAM 4 M30.01
NO SCALE

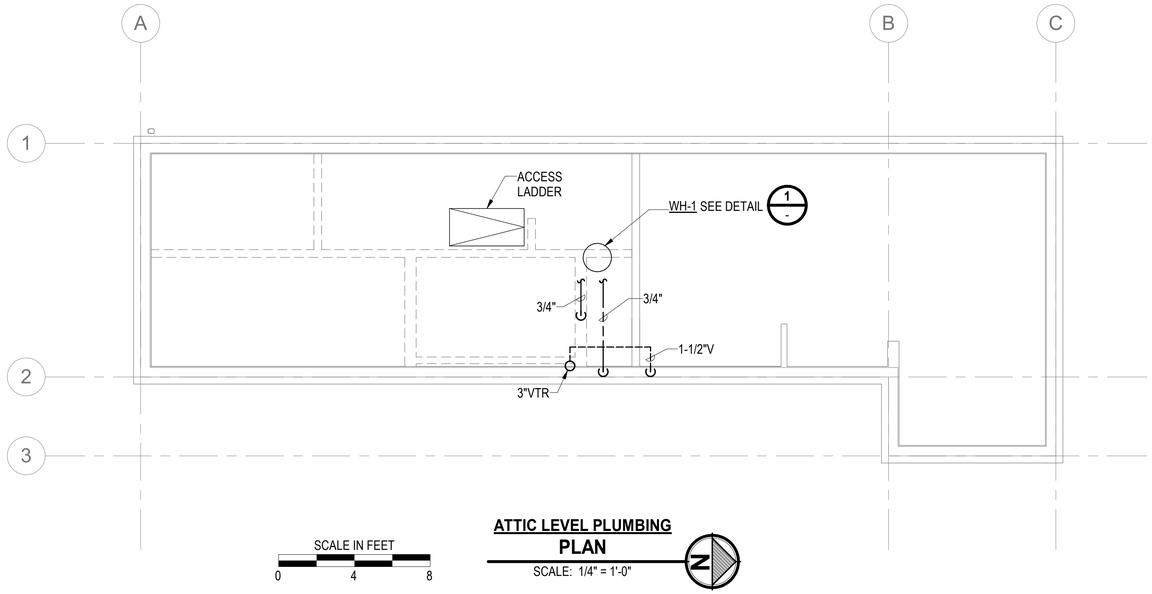
NOTE: COORDINATE POSITIONING OF WATER RISER, ISOLATION VALVES AND ACCESS DOORS TO KEEP CLEAR OF ADA GRAB BARS AND GRAB BAR BACKING.



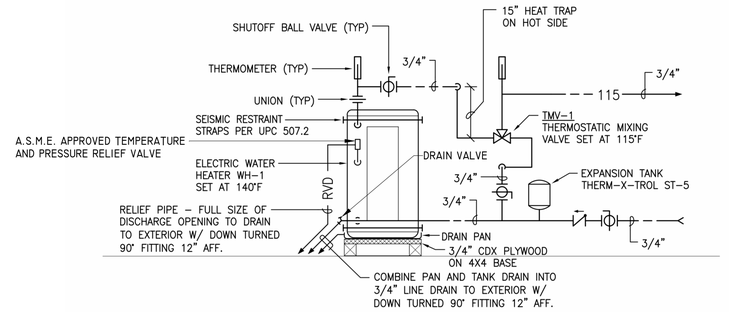
DOMESTIC HOT WATER RISER
DIAGRAM 3 M30.01
NO SCALE



WASTE & VENT RISER
DIAGRAM 2 M30.01
NO SCALE



ATTIC LEVEL PLUMBING
PLAN
SCALE: 1/4" = 1'-0"



ELECTRIC WATER HEATER
DETAIL 1
NO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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JOB No. 553-1578-155
DATE MARCH 2025

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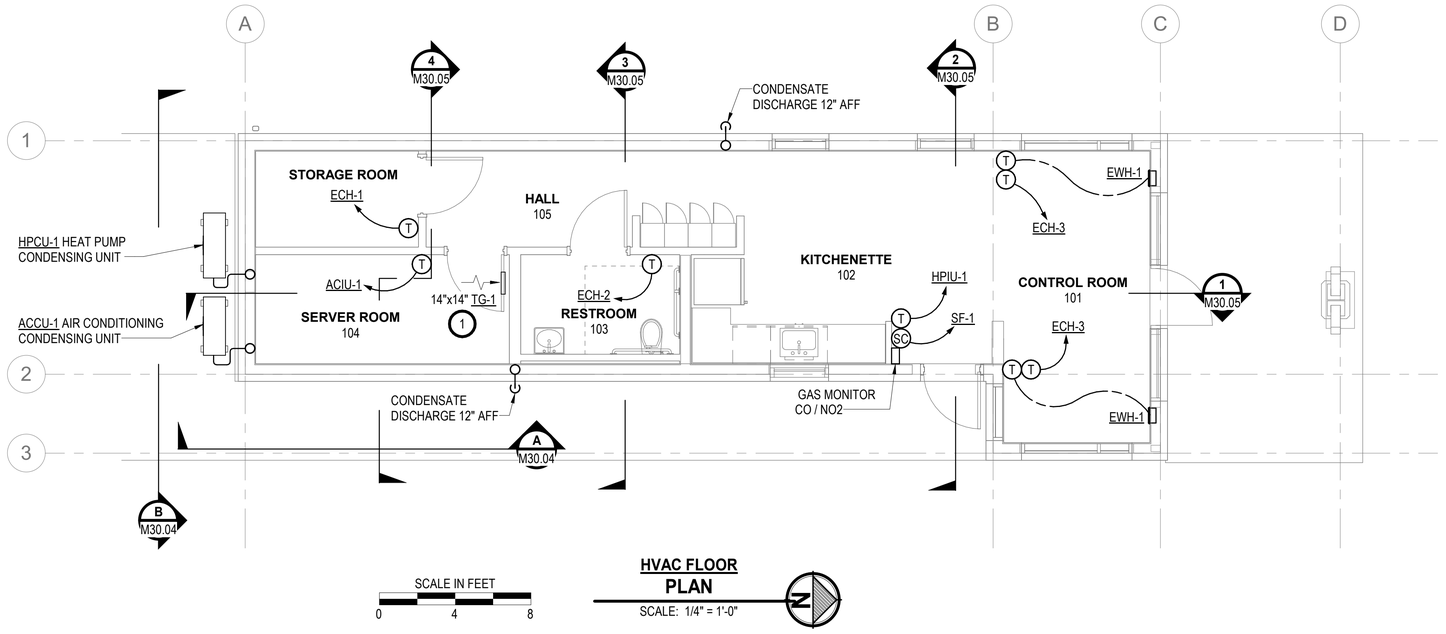
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

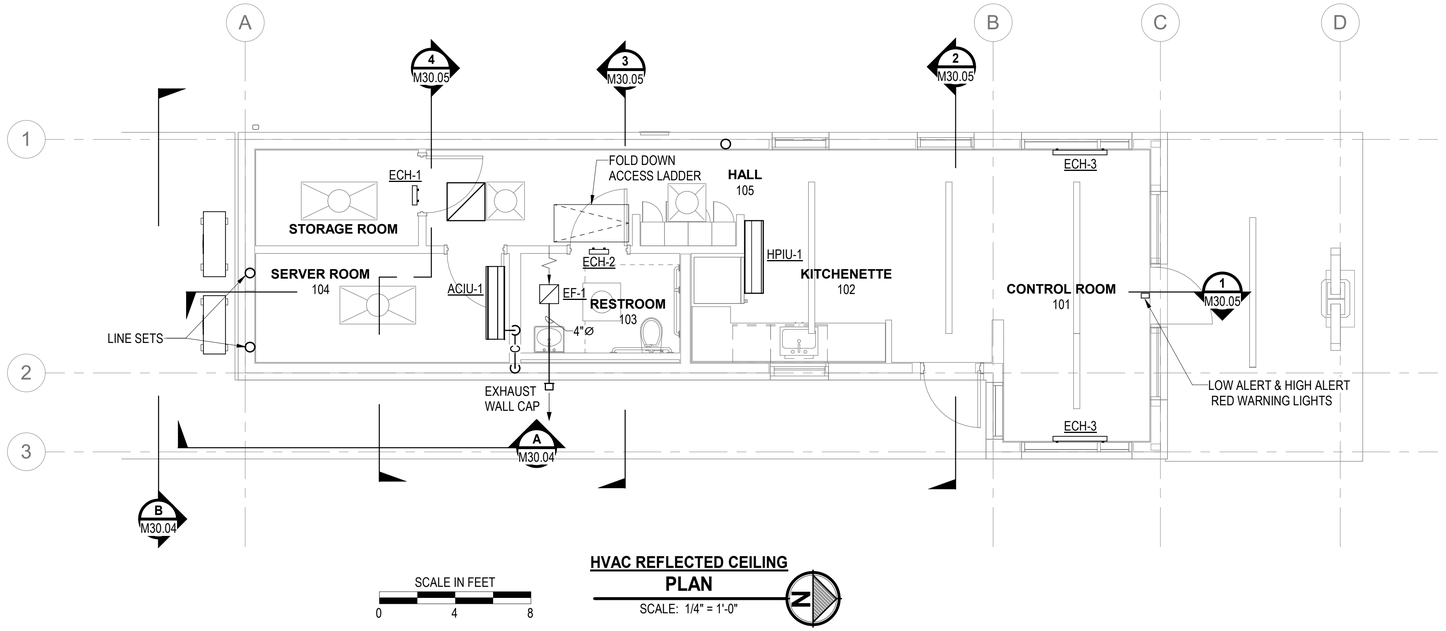
ATTENDANT BUILDING PLUMBING ATTIC PLAN, DIAGRAMS AND DETAILS

DRAWING NO. 197 OF 239
M30.02

NOTES:

1. DOOR LOUVER, BOTTOM OF LOUVER OPENING NO GREATER THAN 10" ABOVE FLOOR.





ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME Silverdale RAGF-AB.rvt
JOB No. 553-1578-155
DATE MARCH 2025

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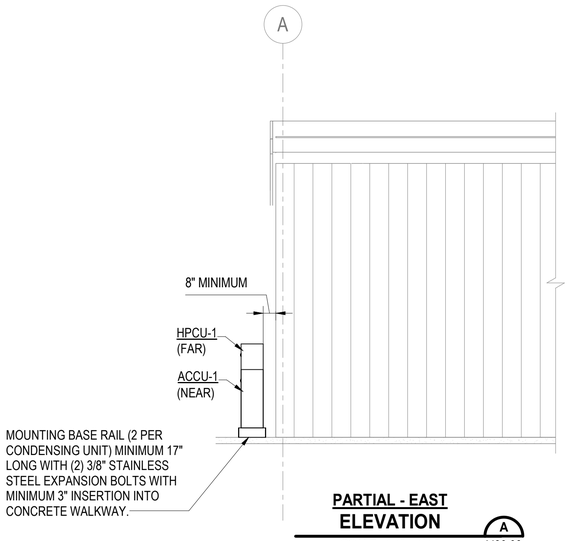
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING HVAC PLANS

DRAWING NO.
198 OF 239
M30.03

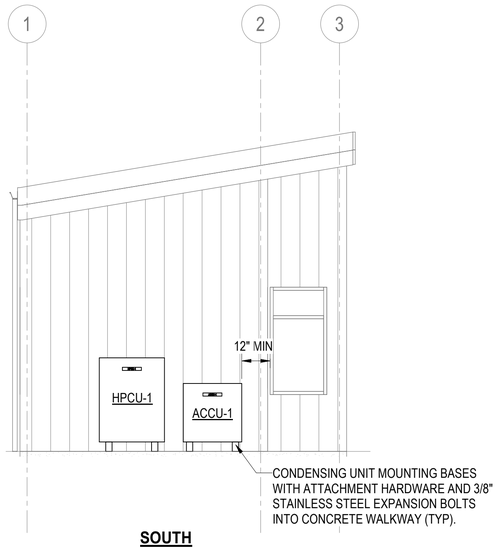
GENERAL NOTES

1. SEE DRAWINGS M10.04 AND M10.05 FOR TEMPERATURE CONTROL DIAGRAM AND SEQUENCE OF OPERATION.



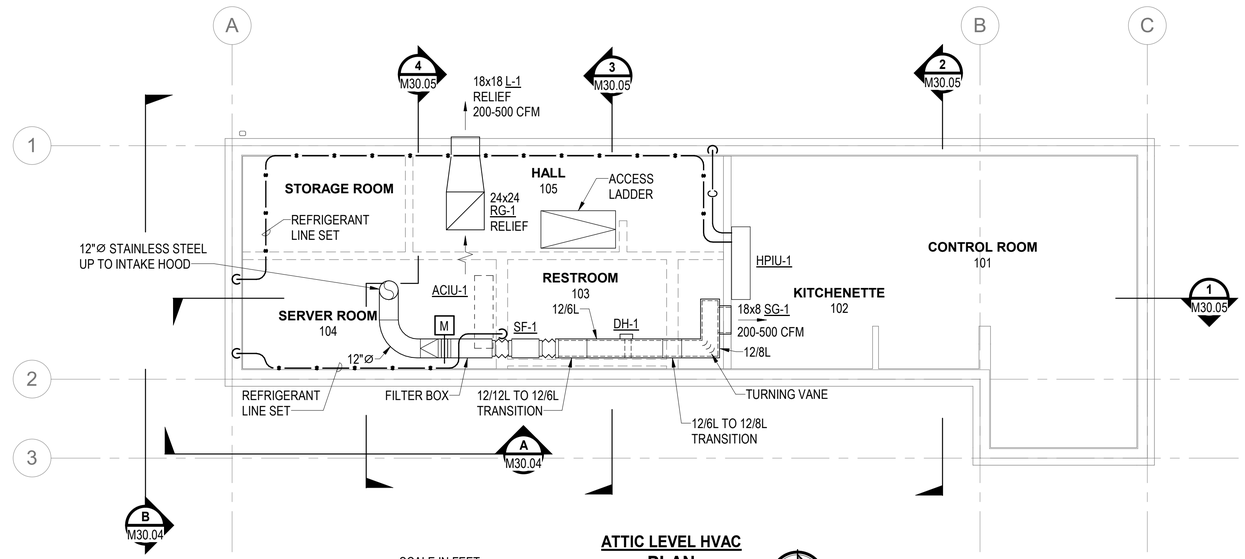
PARTIAL - EAST ELEVATION
SCALE: 1/4" = 1'-0" (A) M30.03

SCALE IN FEET
0 4 8



SOUTH ELEVATION
SCALE: 1/4" = 1'-0" (B) M30.03

SCALE IN FEET
0 4 8



SCALE IN FEET
0 4 8

ATTIC LEVEL HVAC PLAN
SCALE: 1/4" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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JOB No. 553-1578-155
DATE MARCH 2025

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10/24/2025

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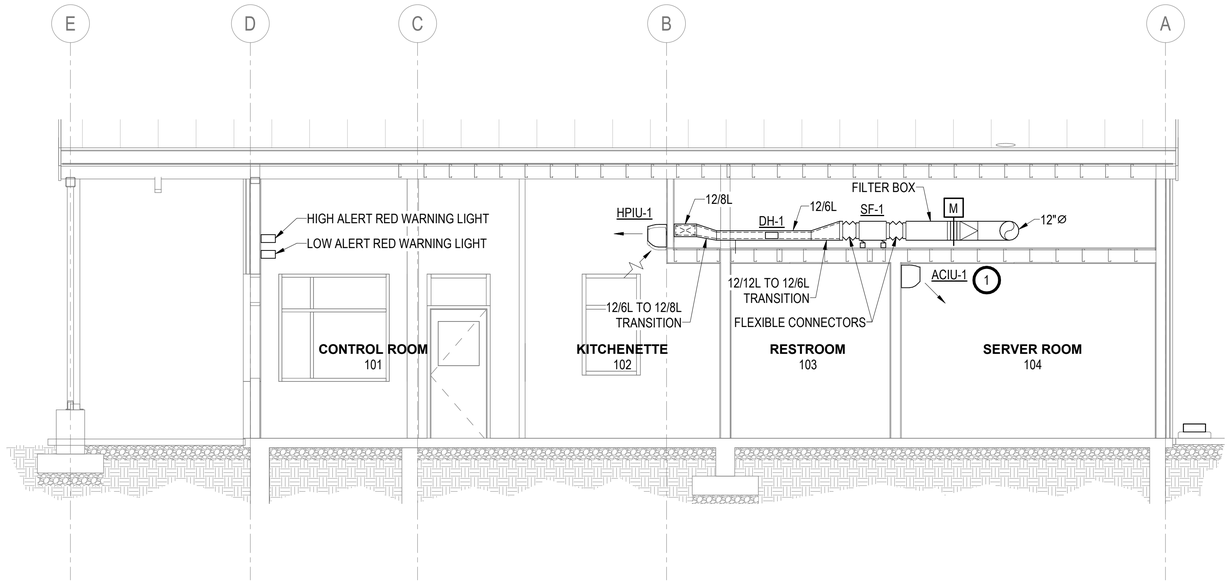
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING HVAC ATTIC PLAN, ELEVATIONS AND DETAILS

DRAWING NO.
199 OF 239
M30.04

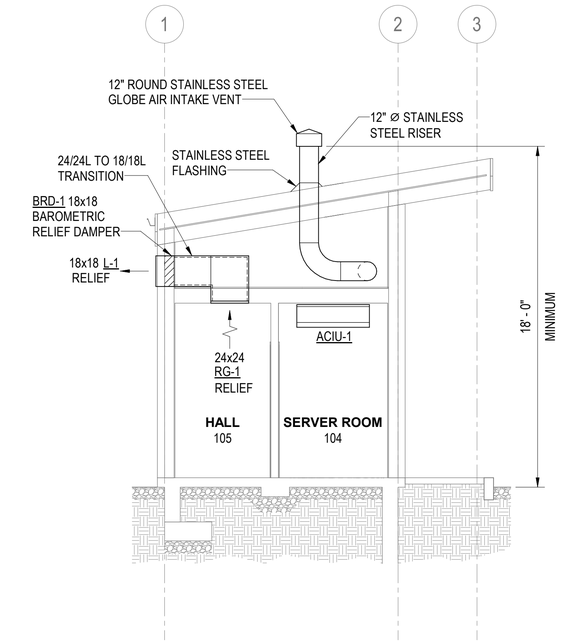
CONSTRUCTION NOTES

1. ACIU-1 SHALL BE WALL MOUNTED WITH BOTTOM OF UNIT ABOVE THE TOP OF THE ROOM ENTRY DOOR.



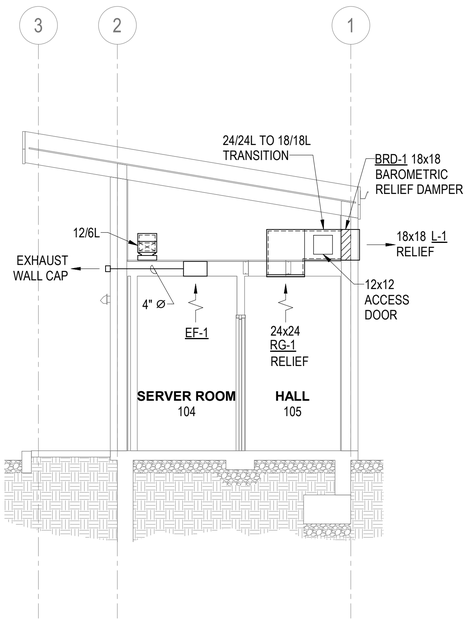
SCALE IN FEET 0 4 8

SECTION 1 M30.03
SCALE: 1/4" = 1'-0"



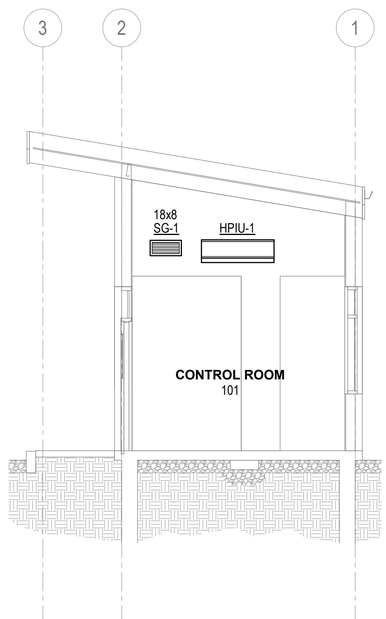
SCALE IN FEET 0 4 8

SERVER ROOM SECTION 4 M30.03
SCALE: 1/4" = 1'-0"



SCALE IN FEET 0 4 8

RESTROOM SECTION 3 M30.03
SCALE: 1/4" = 1'-0"



SCALE IN FEET 0 4 8

ATTENDANT AREA SECTION 2 M30.03
SCALE: 1/4" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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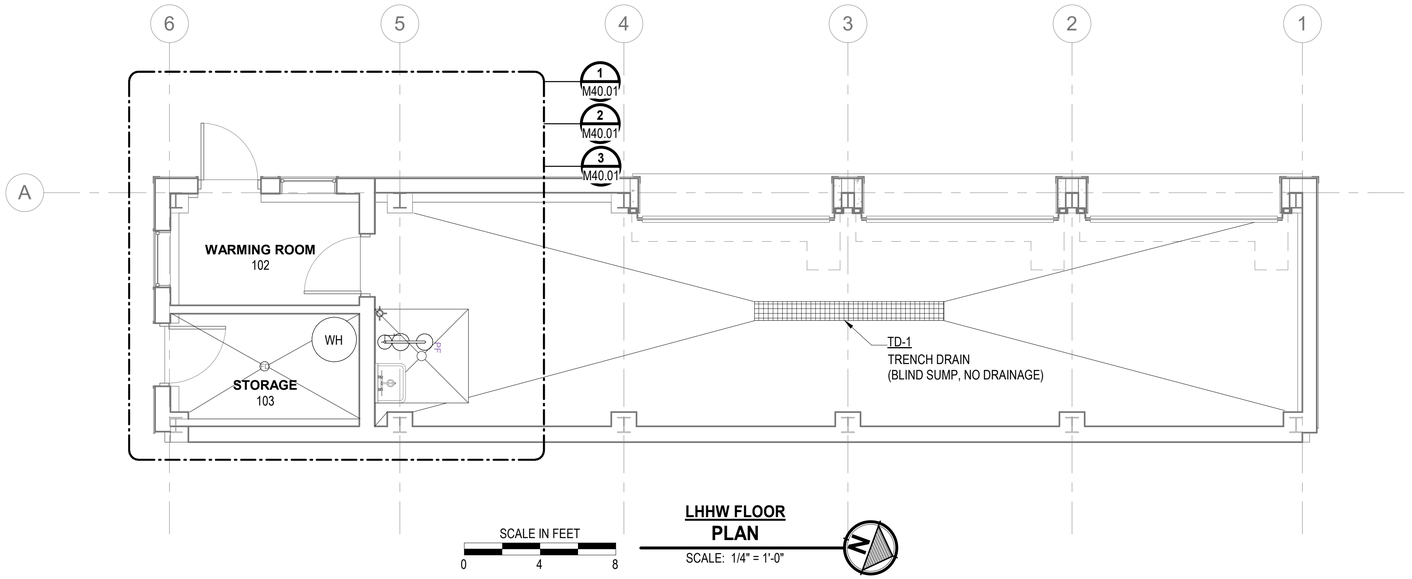
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING HVAC SECTIONS

DRAWING NO. 200 OF 239
M30.05

NOTES:

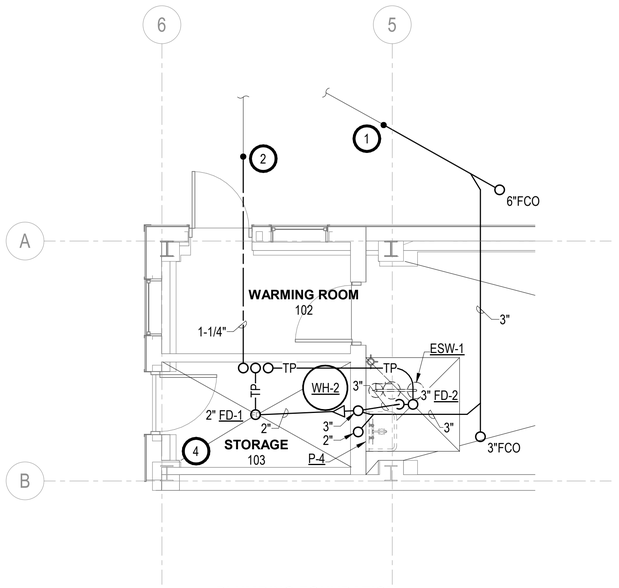
1. POINT OF CONNECTION TO 6" SANTIARY SEWER. SEE CIVIL DRAWING C30.02.
2. POINT OF CONNECTION TO 1-1/4" DOMESTIC WATER SERVICE. SEE CIVIL DRAWING C30.02.
3. SEE DRAWING M10.05 FOR TEMPERATURE CONTROL DIAGRAM AND SEQUENCE OF OPERATION.
4. SEE DRAWING M40.02 FOR WATER HEATER DETAIL 1 AND WASTE AND VENT RISER DIAGRAM.
5. PROVIDE HEAT TRACE OF ALL EXPOSED PIPING AND TRAPS.



SCALE IN FEET 0 4 8

LHHW FLOOR PLAN

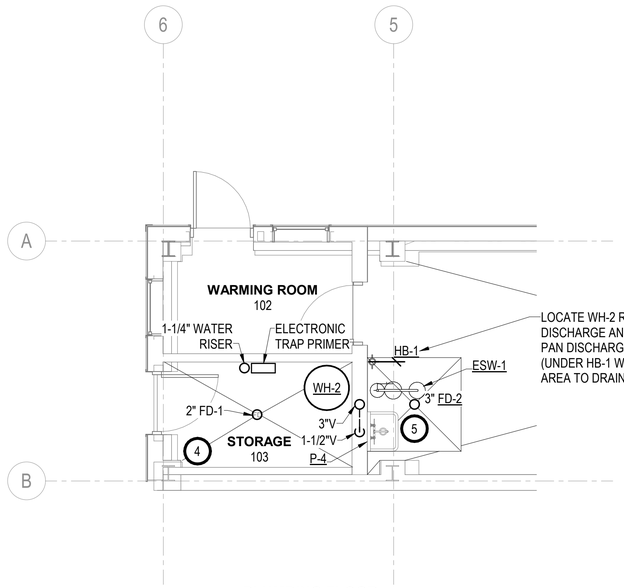
SCALE: 1/4" = 1'-0"



SCALE IN FEET 0 4 8

PLUMBING FOUNDATION PLAN

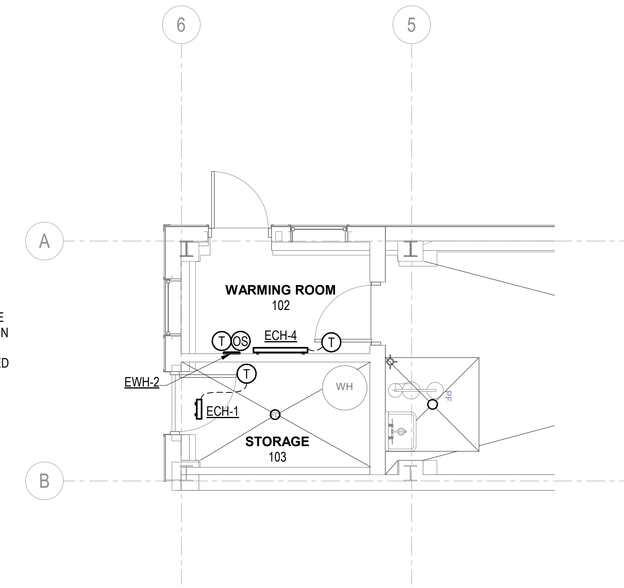
SCALE: 1/4" = 1'-0"



SCALE IN FEET 0 4 8

PLUMBING FLOOR PLAN

SCALE: 1/4" = 1'-0"



SCALE IN FEET 0 4 8

HVAC PLAN

SCALE: 1/4" = 1'-0"

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME Silverdale RAGF-LH.rvt
JOB No. 553-1578-155
DATE MARCH 2025

LARRY N. STORSET — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — 16454

10/24/2025

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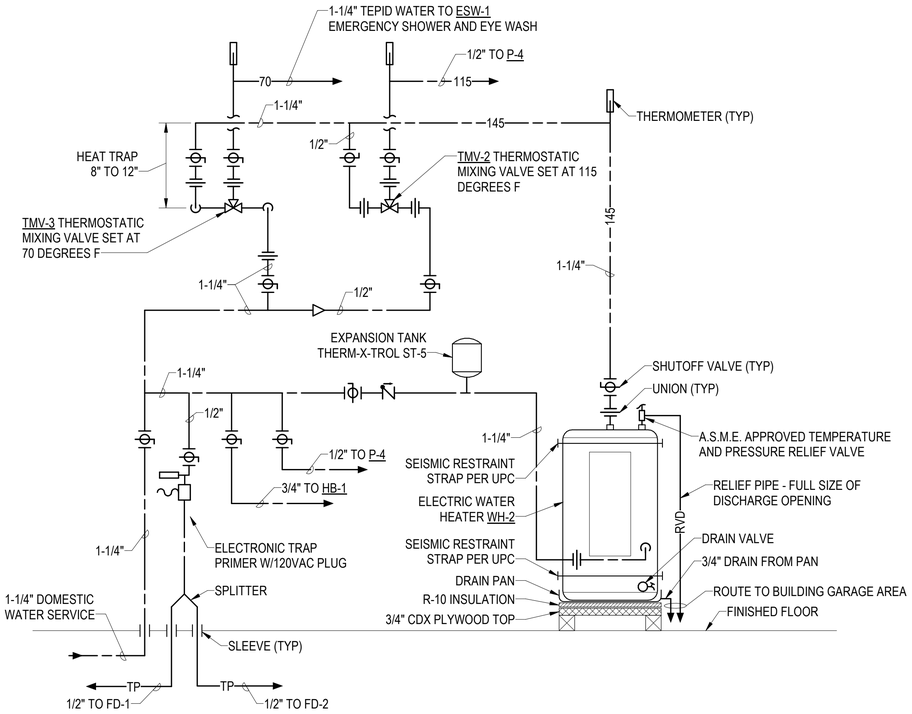
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

LHHW BUILDING HVAC & PLUMBING PLANS

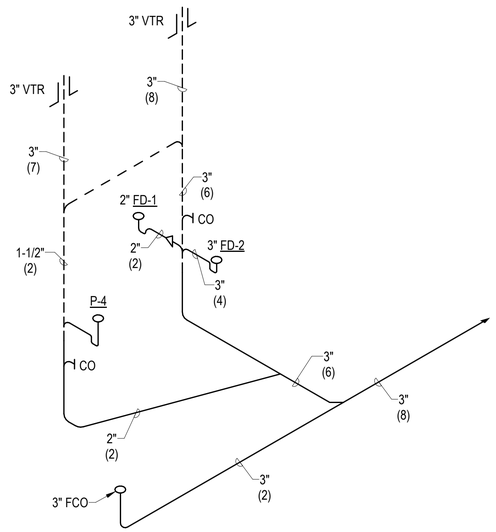
DRAWING NO. 201 OF 239

M40.01



WATER HEATER DETAIL 1

SCALE: NONE -



WASTE AND VENT RISER DIAGRAM 2

SCALE: NONE -

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME Silverdale RAGF-LH.rvt
JOB No. 553-1578-155
DATE MARCH 2025

LARRY N. STORSET — STATE OF WASHINGTON — 16454 — REGISTERED PROFESSIONAL ENGINEER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

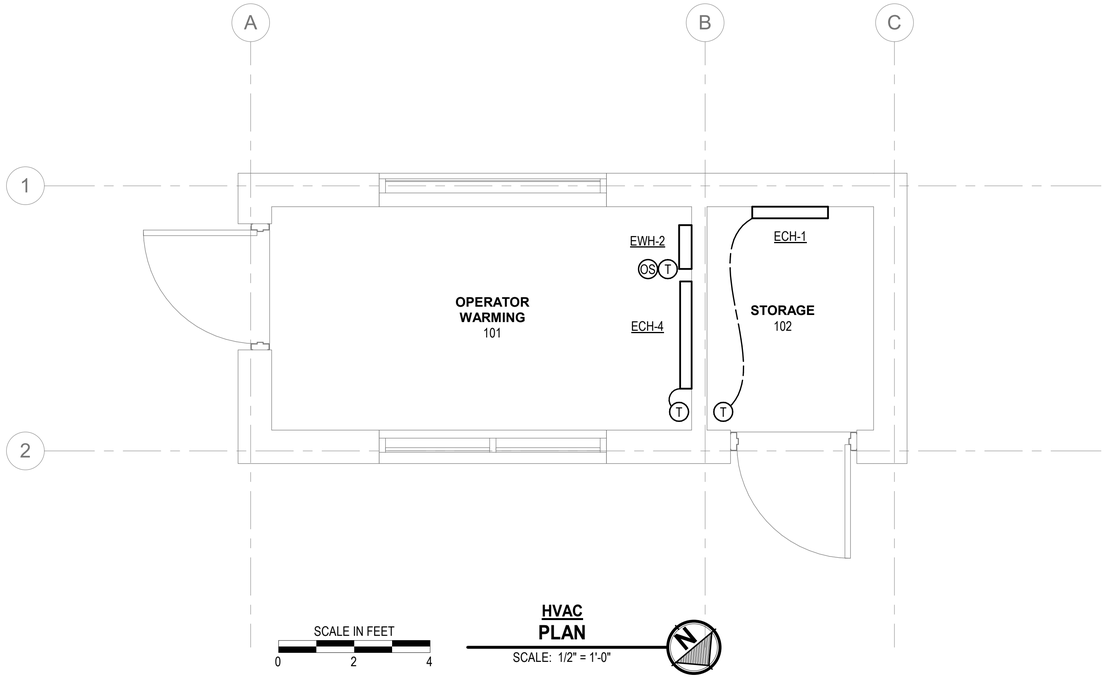
LHHW BUILDING PLUMBING DETAILS AND DIAGRAMS

DRAWING NO. 202 OF 239

M40.02

GENERAL NOTES

1. SEE DRAWING M10.05 FOR TEMPERATURE CONTROL DIAGRAM AND SEQUENCE OF OPERATION.



ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED L. STORSET
DRAWN D. MILES
CHECKED L. STORSET
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME Silverdale-RAGF-WS.rvt
JOB No. 553-1578-155
DATE MARCH 2025

LARRY N. STORSET — STATE OF WASHINGTON — 16454 — REGISTERED PROFESSIONAL ENGINEER
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OPERATOR WARMING STATION HVAC PLAN

DRAWING NO.
203 OF 239
M50.01

PLAN SYMBOLS

CONDUIT SYMBOLS

- X-### — CONDUIT ID TAG. P = POWER C = CONTROL S = SIGNAL X = SPARE
- 3/4"C-(3)#12 — CALLOUT INDICATING CONDUIT SIZE, NUMBER OF WIRES, AND WIRE SIZE.
- X-### — CALLOUT INDICATING CONDUIT NUMBER AND WIRE PER SCHEDULE.
- EXPOSED CONDUIT
- CONCEALED CONDUIT
- CAP ON CONDUIT STUB
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- CONDUIT WITH SEAL FITTING
- UNDERGROUND DIRECT BURIAL CONDUITS
- FLEXIBLE CONDUIT
- INDICATES REMOVAL
- GROUND CONDUCTOR
- HEAT TRACE
- CONDUIT RUN, BROKEN AND CONTINUED ON SAME SHEET OR AS NOTED
- HOME RUN TO PANELBOARD OR AS INDICATED
- CABLE TRAY
- J — JUNCTION BOX LOCATION

EQUIPMENT AND INSTRUMENT SYMBOLS

- XXX## ### — EQUIPMENT ID TAG
- G / xxKW — GENERATOR xxKW = SIZE
- xx — MOTOR xx = HORSEPOWER
- EQUIPMENT CONNECTION
- INSTRUMENT LOCATION
- T — THERMOSTAT LOCATION
- xxA — DISCONNECT SWITCH, UNFUSED xxA = AMPERAGE RATING
- xxAF / xxAT F — DISCONNECT SWITCH, FUSED xxAF = FRAME RATING xxAT = TRIP RATING
- xxAF / xxAT CB — ENCLOSED CIRCUIT BREAKER xxAF = FRAME RATING xxAT = TRIP RATING
- MH — MANHOLE
- HH — HANDHOLE
- CONDUCTOR BONDING
- GROUND ROD
- WALL-MOUNTED CONTROL PANEL, PANELBOARD, OR TERMINAL CABINET. SHOWN WITH EQUIPMENT ID TAG.
- FLOOR-STANDING DISTRIBUTION ASSEMBLY, SUCH AS MCC, SWITCHBOARD, OR XFMR. SHOWN WITH EQUIPMENT ID TAG. (PNL-100)
- HOSE BIBB CONNECTION

UTILITIES SYMBOLS

- M — ELECTRICITY UTILITY METER AND SOCKET
- PLYWOOD BACKBOARD

RECEPTACLE AND SWITCH SYMBOLS

- CKT / TYPE — DUPLEX WALL RECEPTACLE, 120V. CKT = CIRCUIT NUMBER. TYPE: WP = WEATHERPROOF; G = GROUNDED; IG = ISOLATED GROUND; GF = GROUND FAULT CIRCUIT INTERRUPTOR
- DUPLEX RECEPTACLE, EMERGENCY/STAND-BY
- SINGLE RECEPTACLE, 120V
- SINGLE RECEPTACLE, EMERGENCY/STAND-BY
- DOUBLE DUPLEX RECEPTACLE, 120V
- DOUBLE DUPLEX RECEPTACLE, EMERGENCY/STAND-BY
- SPECIAL PURPOSE WALL RECEPTACLE, RATING AS NOTED.
- DUPLEX FLOOR RECEPTACLE, 120V. TYPE: F = FLUSH; S = SURFACE
- $(a,b)_*$ — SINGLE POLE SWITCH (SEE NOTE S1). * = SINGLE POLE; 2 = 2 POLE; 3 = 3 WAY; 4 = 4 WAY; M = HP RATED, LOCKABLE; OS = OCCUPANCY SENSOR; P = SWITCH WITH PILOT LIGHT; WP = WEATHERPROOF

NOTES:

S1 LOWER CASE LETTERS IN PARENTHESIS ADJACENT TO A SWITCH OR LIGHT FIXTURE INDICATE A SWITCHED CIRCUIT AND IDENTIFY THE FIXTURE/SWITCH COMBINATIONS. FOR FOUR LAMP FLUORESCENT FIXTURES WIRED IN PAIRS WITHIN EACH FIXTURE, THE "a" SWITCH CONTROLS THE OUTER LAMPS AND THE "b" SWITCH CONTROLS THE INNER LAMPS. WIRE 3 LAMP FIXTURES SIMILARLY.

S2 NUMBERS IN PARENTHESIS ADJACENT TO A LIGHT FIXTURE OR RECEPTACLE INDICATE THE LIGHTING PANEL BRANCH CIRCUIT FEEDING THE DEVICE.

LIGHTING SYMBOLS

- LUMINAIRE WITH IDENTIFICATION TAG. ID = TYPE, PER LIGHTING SCHEDULE; EB= EMERGENCY BATTERY; NL = UNSWITCHED NIGHT LIGHT; a = SWITCH CONTROL; LPXX/X = POWER SOURCE PANEL AND CIRCUIT NUMBER (ID / NL / (a) / (LPXX/X))
- SURFACE MOUNTED LUMINAIRE
- WALL MOUNTED LUMINAIRE (FILLED IN - ON ALL NIGHT)
- POLE MOUNTED LUMINAIRE (FILLED IN - ON ALL NIGHT)
- WALL/CEILING MOUNTED EXIT LIGHT - DIRECTIONAL ARROW WHERE INDICATED, SHADED AREA INDICATES ILLUMINATED FACE.
- PE — PHOTOELECTRIC CELL
- EMERGENCY LIGHT WITH SELF-CONTAINED BATTERY
- OS — OCCUPANCY SENSOR

FIRE ALARM SYMBOLS

- FACP — FIRE ALARM CONTROL PANEL
- FEC — FIRE EXTINGUISHER CABINET
- SH — COMBINATION SMOKE/HEAT DETECTOR
- F — HORN AND STROBE
- F — MANUAL PULL STATION

ONE-LINE SYMBOLS

- XXX## ### — EQUIPMENT ID TAG
- X-### — CONDUIT ID TAG. P = POWER C = CONTROL S = SIGNAL X = SPARE
- G / xxKW — GENERATOR xxKW = SIZE
- xx — MOTOR xx = HORSEPOWER
- xxAF / xxAT — POWER CIRCUIT BREAKER, 3 POLE, ABOVE 1500V. xxAF = FRAME SIZE xxAT = TRIP RATING. (WITH DRAWOUT / NO DRAWOUT)
- xxAF / xxAT — CIRCUIT BREAKER, 3 POLE UNLESS OTHERWISE NOTED. xxAF = FRAME SIZE xxAT = TRIP RATING. (WITH DRAWOUT / NO DRAWOUT)
- xxKVA / XXV-yyV — POWER OR DISTRIBUTION TRANSFORMER, 3 PHASE UNLESS OTHERWISE NOTED. xxKVA = SIZE xxV = PRIMARY VOLTAGE yyV = SECONDARY VOLTAGE
- ATS — TRANSFER SWITCH, ATS OR MTS AS INDICATED. 3 POLE UNLESS OTHERWISE NOTED. xxAF = RATING
- * — MOTOR STARTER WITH THERMAL OVERLOAD. 3 PHASE UNLESS OTHERWISE NOTED. * = NEMA SIZE
- VFD ### — VARIABLE FREQUENCY DRIVE. 3 PHASE UNLESS OTHERWISE NOTED. ### = DEVICE ID NUMBER
- SS ### — ELECTRONIC SOFT STARTER WITH BYPASS. 3 PHASE UNLESS OTHERWISE NOTED. ### = DEVICE ID NUMBER
- LINE OR LOAD REACTOR
- K — KIRK KEY INTERLOCK
- ST — SHUNT TRIP
- FUSE
- CURRENT TRANSFORMER
- VOLTAGE TRANSFORMER
- SURGE ARRESTOR
- X — SENSOR. X INDICATES DEVICE TYPE: A = AMMETER; AS = CURRENT SWITCH; V = VOLTMETER; VS = VOLT SWITCH; WH = WATTHOUR METER; PM = POWER QUALITY METER
- POWER RECEPTACLE
- CAPACITOR
- VACUUM BREAK SWITCH
- TERMINATOR OR POTHEAD
- X — ELEMENTARY DIAGRAM REFERENCE. X= DIAGRAM NUMBER
- GROUND CONNECTION

SCHEMATIC SYMBOLS

- TAG / xxAF — DISCONNECT SWITCH, 3 POLE. TAG = DEVICE TAG ID; xxAF = SWITCH RATING IN AMPERES
- TAG / xxA — CIRCUIT BREAKER, 3 POLE. TAG = DEVICE TAG ID; xxA = TRIP RATING IN AMPERES
- M / OL — MOTOR STARTER WITH THERMAL OVERLOAD, 3 POLE.
- M — MOTOR, 3 PHASE. VOLTAGE AND HORSEPOWER AS INDICATED.
- M — MOTOR, SINGLE PHASE. VOLTAGE AND HORSEPOWER AS INDICATED.
- BUS STAB ON MCC OR SWITCHGEAR, OR CORD AND PLUG CONNECTION.
- TAG / xxxVA / xxV-yyV — CONTROL POWER TRANSFORMER. TAG = DEVICE TAG ID; xxxVA = SIZE; xxV = PRIMARY VOLTAGE; yyV = SECONDARY VOLTAGE
- TAG / xxA — CIRCUIT BREAKER, SINGLE POLE. TAG = DEVICE TAG ID; xxA = TRIP RATING, IN AMPERES
- TAG / xxA — FUSE. TAG = DEVICE TAG ID; xxA = TRIP RATING, IN AMPERES
- PUMP 1 — O / H A / XOO / OXO / OOX — SELECTOR SWITCH ASSEMBLY, 3-POSITION. TYPICAL CONFIGURATIONS: H O A - HAND/OFF/AUTO; L O R - LOCAL/OFF/REMOTE
- PUSHBUTTON, NORMALLY OPEN AND NORMALLY CLOSED
- X — INDICATING LIGHT, X INDICATES COLOR: A = AMBER; B = BLUE; C = CLEAR; G = GREEN; R = RED; W = WHITE; Y = YELLOW
- X — INDICATING LIGHT, PUSH-TO-TEST

- XXX / ### — CONTROL DEVICE COIL. XXX INDICATES TYPE: ALT = ALTERNATING RELAY; CR = CONTROL RELAY; LR = LATCHING RELAY; TR/TDR = TIMING RELAY/ TIME-DELAY RELAY; M = MOTOR STARTER CONTACTOR; ### = DEVICE ID NUMBER

STANDARD RELAY CONTACTS

TAG — TAG — CONTACTS, NORMALLY OPEN AND NORMALLY CLOSED. TAG = DEVICE TAG ID

TIMING RELAY CONTACTS

- TAG — NORMALLY OPEN, CLOSES AFTER TIME DELAY (NOTC). TAG = DEVICE TAG ID
- NORMALLY CLOSED, OPENS AFTER TIME DELAY (NCTO).
- NORMALLY OPEN, INSTANTANEOUS CLOSE, OPENS AFTER TIME DELAY (NOTO).
- NORMALLY CLOSED, INSTANTANEOUS OPEN, CLOSES AFTER TIME DELAY (NCTC).

SENSING DEVICE CONTACTS

CLOSES RISING	CLOSES FALLING	DEVICE TYPE
		FLOW SWITCH
		LEVEL/FLOAT SWITCH
		PRESSURE SWITCH
		TEMPERATURE SWITCH

LIMIT SWITCH CONTACTS

- NORMALLY OPEN, CLOSES ON REACHING LIMIT
- NORMALLY CLOSED, OPENS ON REACHING LIMIT

WIRE, CABLE, AND TERMINAL SYMBOLS

- WIRING INSIDE ENCLOSURE
- FIELD WIRING
- CONDUCTORS CONNECTED
- CONDUCTORS NOT CONNECTED
- SPLICE OR TERMINATION
- TERMINAL BLOCK
- DEVICE TERMINAL
- SHORTING BLOCK

MISCELLANEOUS DEVICES

- ETM — ELAPSED TIME METER/ HOURMETER
- SOLENOID
- H — HORN
- B — BELL
- BUZZER
- RESISTOR OR HEATER ELEMENT
- STRIP HEATER

ABBREVIATIONS

A	AMPERES	KV	KILOVOLTS
AC	ALTERNATING CURRENT	KVA	KILOVOLT AMPERES
A/D	ANALOG TO DIGITAL	KVAR	KILOVOLT AMPERES REACTIVE
ADJ	ADJUSTABLE	KWH	KILOWATT HOURS
AF	AMPERE FRAME	LCP	LOCAL CONTROL PANEL
AFD	ADJUSTABLE FREQUENCY DRIVE	LCS	LOCAL CONTROL STATION
AFF	ABOVE FINISHED FLOOR	LTG	LIGHTING
AFG	ABOVE FINISHED GRADE	LTS	LIGHTS
AIC	AMPERES INTERRUPTING CAPACITY	LP	LIGHTING PANEL
AMP	AMPERES	(M)	MODIFIED
ANN	ANNUNCIATOR	mA	MILLIAMPERES
AS	AMMETER SWITCH	MCC	MOTOR CONTROL CENTER
AT	AMMETER TRIP	MCP	MOTOR CIRCUIT PROTECTION OR MAIN CONTROL PANEL
ATC	AUTOMATIC TRANSFER CONTROLER		
ATS	AUTOMATIC TRANSFER SWITCH	MCM	THOUSAND CIRCULAR MILS (KCMIL)
AUTO	AUTOMATIC	MH	MAN HOLE
AWG	AMERICAN WIRE GAUGE	MON	MONITOR
BCG	BARE COPPER GROUND	MOV	MOTOR OPERATED VALVE
C	CONDUIT	MS	MOTOR STARTER
CAB	CABINET	MTD	MOUNTED
CAP	CAPACITOR	MTG	MOUNTING
CB	CIRCUIT BREAKER	MTS	MANUAL TRANSFER SWITCH
CC	CONTROL CABLE, CLOSING COIL	(N)	NEW
CHH	COMMUNICATION HANDHOLE	NC	NORMALLY CLOSED
CKT	CIRCUIT	NEG	NEGATIVE
CMH	COMMUNICATION MANHOLE	NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
CO	CONDUIT ONLY		
COMM	COMMUNICATION	NEUT	NEUTRAL
COND	CONDUCTOR	NO	NORMALLY OPEN, NUMBER
CPT	CONTROL POWER TRANSFORMER	OL	OVERLOAD
CP	CONTROL PANEL	OT	OVER TEMPERATURE
CR	CONTROL RELAY	OIT	OPERATOR INTERFACE TERMINAL
CS	CONTROL STATION	P	POLE, PUMP
CT	CURRENT TRANSFORMER	PB	PULLBOX
DB	DIRECT BURIAL	PBSW	PUSHBUTTON SWITCH
DC	DIRECT CURRENT	PEC	PHOTOELECTRIC CELL
DIAG	DIAGRAM	PF	POWER FACTOR
DISC	DISCONNECT	PGRS	PVC COATED GALVANIZED RIGID STEEL
DISTR	DISTRIBUTION		
DIV	DIVISION	pH	MEASURE OF ACIDITY OR ALKALINITY
DP	DISTRIBUTION PANEL		
DPDT	DOUBLE POLE, DOUBLE THROW	PH	PHASE
DPST	DOUBLE POLE, SINGLE THROW	PLC	PROGRAMMABLE LOGIC CONTROLLER
(E)	EXISTING		
ECH	ELECTRIC COVE HEATER	PNL	PANEL
EE	ELECTRICAL ENCLOSURE	PNLBD	PANELBOARD
EHH	ELECTRICAL HANDHOLE	POS	POSITION, POSITIVE
ELEM	ELEMENTARY	POT	POTENTIOMETER
EMERG	EMERGENCY	PPS	PACKAGED POWER SUPPLY
ENCL	ENCLOSURE	PRI	PRIMARY
EFFL	EFFLUENT	PWR	POWER
EGC	EQUIPMENT GROUND CONDUCTOR	(R)	RELOCATED
EQPT	EQUIPMENT	RCPT	RECEPTACLE
ETM	ELAPSED TIME METER	RCT	REPEAT CYCLE TIMER
EWH	ELECTRIC WALL HEATER	RT	RESET TIMER
FDR	FEEDER	SCCR	SHORT CIRCUIT CURRENT RATING
FE	FLOW ELEMENT	SCHD80	SCHEDULE 80 PVC
FIT	FLOW INDICATION TRANSMITTER	SCR	SILICON CONTROLLED RECTIFIER
FLEX	FLEXIBLE	SD	SMOKE DETECTOR
FLUOR	FLUORESCENT	SIG	SIGNAL
FO	FIBER OPTIC	SN	SOLID NEUTRAL
FREQ	FREQUENCY	SPD	SURGE PROTECTIVE DEVICE
FSH	FLOAT SWITCH HIGH	SPDT	SINGLE POLE, DOUBLE THROW
FSO	FLOAT SWITCH OVERFLOW	SST	STAINLESS STEEL
FU	FUSE	SV	SOLENOID VALVE
FUT,(F)	FUTURE	SW	SWITCH
FVNR	FULL VOLTAGE, NON-REVERSING	SWBD	SWITCHBOARD
FVR	FULL VOLTAGE, REVERSING	SWGR	SWITCHGEAR
FWD	FORWARD	SYNC	SYNCHRONIZING
GEN	GENERATOR	TB	TERMINAL BOX
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TC	TIMED CLOSING
		TEL	TELEPHONE
GND	GROUND	TERM	TERMINAL
GRS	GALVANIZED RIGID STEEL	TO	TIMED OPENING
H	HYDROGEN PYROXIDE	TSP	TWISTED SHIELDED PAIR
HH	HANDHOLE	TST	TWISTED SHIELDED TRIAD
HOA	HAND-OFF-AUTOMATIC	UGND	UNDERGROUND
HOR	HAND-OFF-REMOTE	UV	ULTRAVIOLET
HPS	HIGH PRESSURE SODIUM	VA	VOLT-AMPERES
HT	HEAT TAPE	VAR	VOLT-AMPERES REACTIVE
HTR	HEATER	VFD	VARIABLE FREQUENCY DRIVE
HV	HIGH VOLTAGE	VH	VAR-HOUR
HZ	HERTZ (CYCLES PER SECOND)	VS	VOLTMETER SWITCH
IND LT	INDICATING LIGHT	W	WIRE, WATTS
INCAND	INCANDESCENT	WH	WATTHOUR METER
INSTR	INSTRUMENT, INSTRUMENTATION	WHDM	WATTHOUR DEMAND METER
I/O	INPUT/OUTPUT	WP	WEATHERPROOF
ISB	INTRINSICALLY SAFE BARRIER	WR	WEATHER RESISTANT
ISR	INTRINSICALLY SAFE RELAY	WT	WATER TIGHT
JB	JUNCTION BOX	XFMR	TRANSFORMER
KA	KILOAMPERES		
KCMIL	THOUSANDS OF CIRCULAR MILS		

GENERAL NOTES

1. THE INSTALLATION OF ALL EQUIPMENT SHOWN ON THESE DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE LATEST EDITIONS OF ALL APPLICABLE CODES AND UTILITY COMPANY STANDARDS. CONTACT THE UTILITY COMPANY REPRESENTATIVES AND VERIFY THEIR REQUIREMENTS.
2. THIS IS A GENERALIZED LEGEND SHEET. THIS CONTRACT MAY NOT USE ALL INFORMATION SHOWN.
3. NOTIFY THE ENGINEER IMMEDIATELY IF CONFLICTS IN EQUIPMENT LOCATIONS ARE DISCOVERED, OR IF PROBLEMS ARISE DUE TO FIELD CONDITIONS, LACK OF INFORMATION, OR ANY OTHER REASON.
4. INFORMATION SHOWN MAY NOT BE ALL INCLUSIVE. SEE ALSO ANSI C37.3, Y1.1, Y32.2, AND Y32.9.
5. REFER TO THE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT AND FOR CERTAIN CONNECTIONS TO BE MADE TO ELECTRICAL CIRCUITS.
6. EQUIPMENT SHOWN IN HALF TONE OR GREY TONE ARE EXISTING OR BY OTHERS.
7. VERIFY ALL COLOR REQUIREMENTS BEFORE ORDERING MATERIALS.
8. CONDUIT SIZE AND FILL SHALL BE AS INDICATED. WHERE NO SIZE IS SHOWN, THE CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE EDITION OF THE NATIONAL ELECTRIC CODE ADOPTED BY THE AUTHORITY HAVING CODE ENFORCEMENT JURISDICTION. WHERE NO FILL IS INDICATED, PROVIDE (3) #12 WIRES. PROVIDE 3/16" INCH NYLON PULL ROPE IN EACH EMPTY CONDUIT.
9. THE ELECTRICAL DRAWINGS ARE DRAWN DIAGRAMMATICALLY. UNLESS OTHERWISE SHOWN LIMITATIONS OR DIMENSIONS ARE SPECIFIED.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER — 8/28/2025

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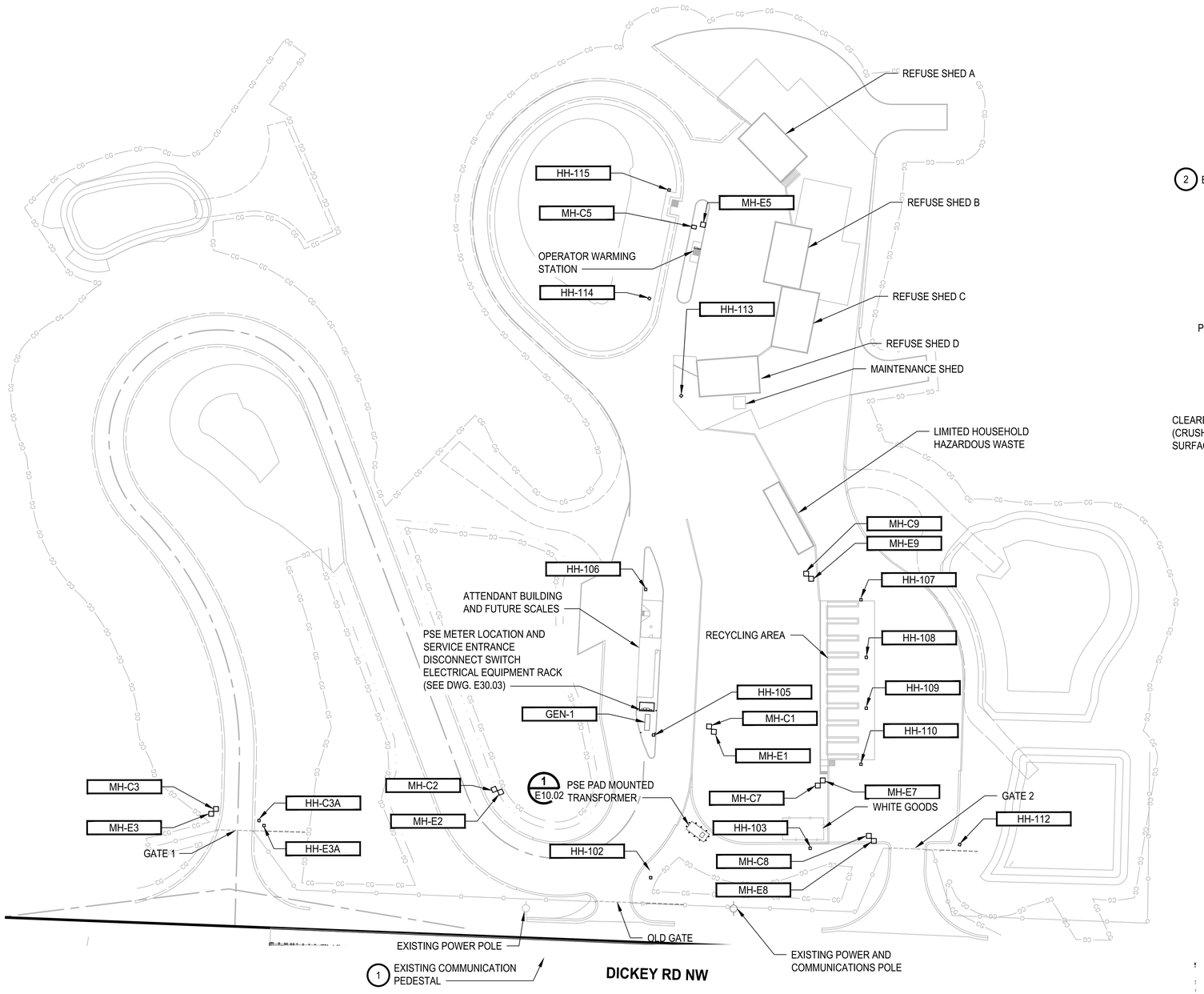
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

STANDARD ELECTRICAL LEGEND AND ABBREVIATIONS

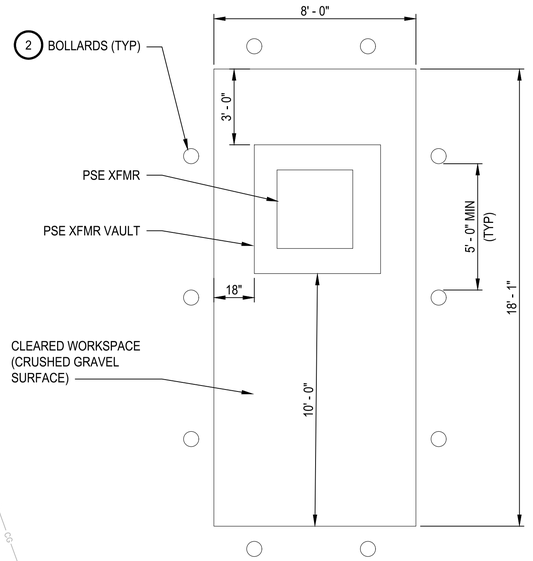
DRAWING NO. 204 OF 239
E10.01



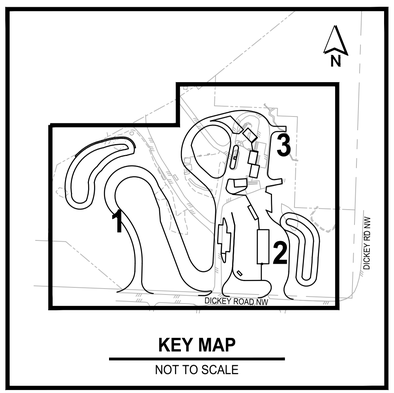
PLAN
SCALE IN FEET
0 50 100

NOTES:

1. LUMEN (CENTURY LINK) COMMUNICATION PEDESTAL IS LOCATED ON THE SOUTH SIDE OF DICKEY RD NW.
2. SEE DETAIL B, DWG S50.10 FOR BOLLARD. PAINT THE EXPOSED ABOVE GROUND BOLLARD TRAFFIC YELLOW.



TRANSFORMER PAD
DETAIL
SCALE: NONE
1 E10.02



KEY MAP
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME E10.02
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

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PORT ORCHARD, WA 98366
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

OVERALL ELECTRICAL SITE PLAN

DRAWING NO. OF 239
E10.02

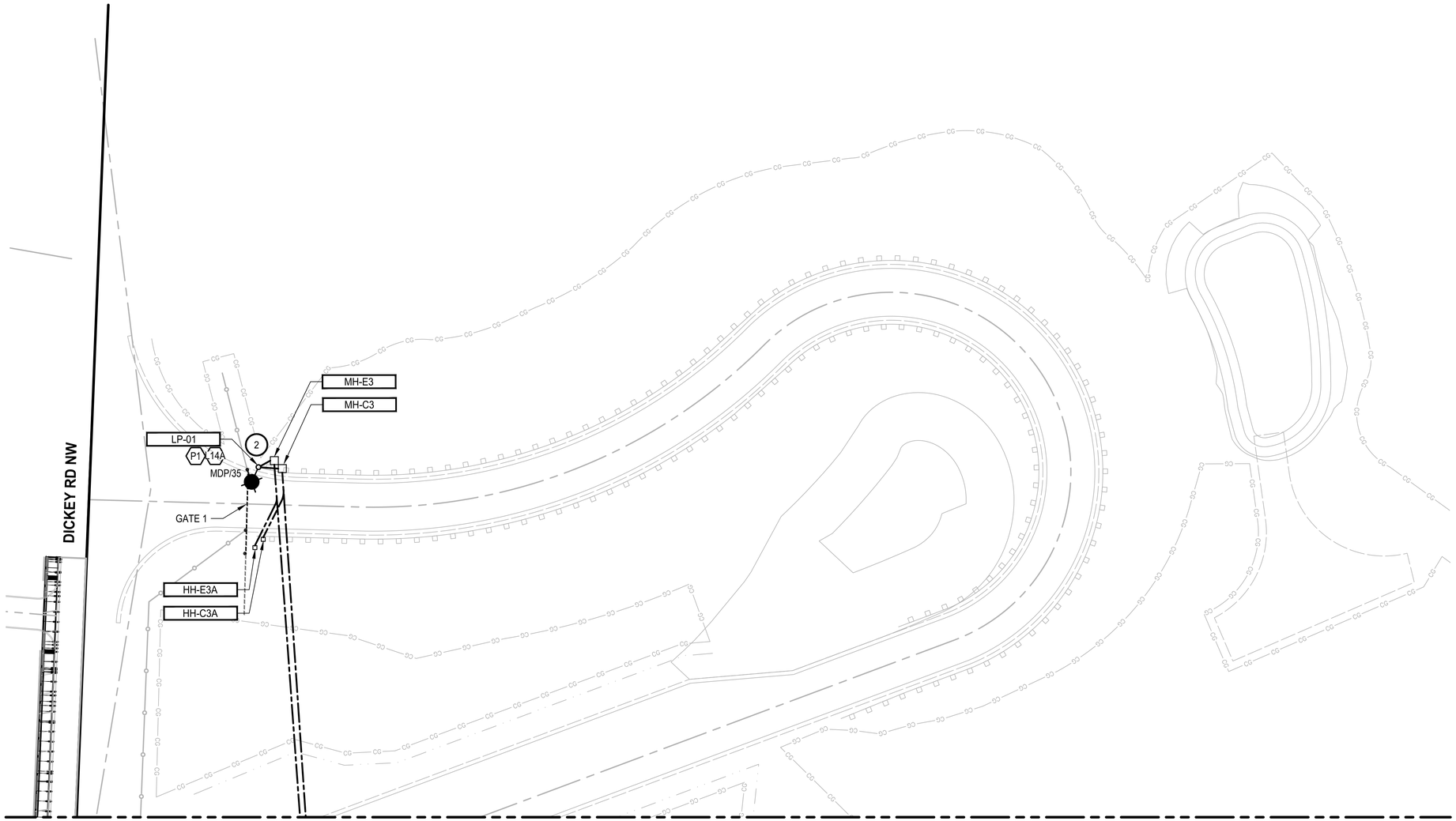
LAYOUT: E10.02 PATH: U:\PSO\Projects\Clients\1578--KitsapCo\553--1578--155 SilverdaleRAGFDesign\CM\99Svcs\CADD\DWG PLOTTED BY: vondejsm DATE: Saturday, May 3, 2025 2:45:54 PM

NOTES:

1. SEE DRAWING E10.15 FOR LIGHT FIXTURE SCHEDULE, AND DRAWING E10.16 FOR LIGHT POLE AND FOUNDATION SCHEDULE.

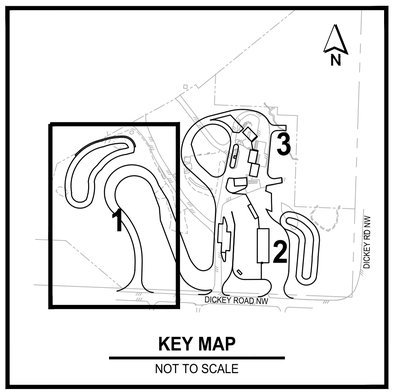
(2) LIGHT FIXTURE IS FED BY NON-SWITCHED BRANCH CIRCUIT AND FIXTURE PHOTOCELL WILL TURN ON LIGHT FIXTURE ALL NIGHT.

3. ROUTE ELECTRICAL DUCT BANK NOT TO INTERFERE WITH OTHER UNDERGROUND UTILITIES. MAINTAIN A MINIMUM BURIAL DEPTH OF 24" TO TOP OF CONDUIT(S) UNLESS CROSSING OTHER UNDERGROUND UTILITIES. IF NEEDED ROUTE ELECTRICAL DUCT BANK EITHER BELOW OR OVER CROSSING UTILITIES SO NOT TO INTERFERE. IF BURIAL DEPTH BECOMES LESS THEN 18" BELOW GRADE, CONTACT ENGINEERING FOR EVALUATION.



MATCH LINE SEE SHEET E10.04

MATCH LINE SEE SHEET E10.05



KEY MAP

NOT TO SCALE

PLAN

SCALE IN FEET

0

N

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME E10.02
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER

8/28/2025

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PROJECT NAME

SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT

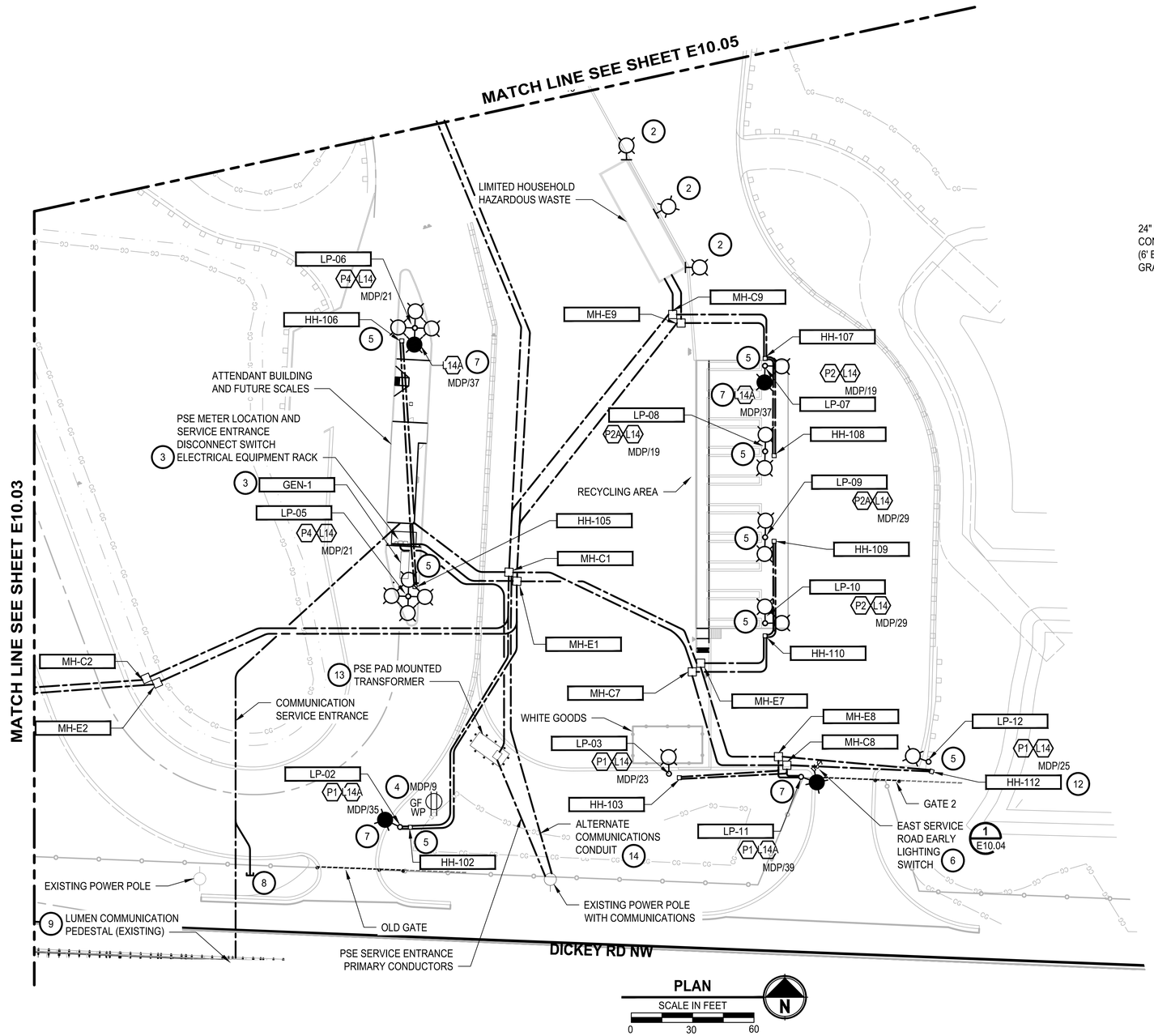
KITSAP COUNTY, WASHINGTON

ENLARGED ELECTRICAL SITE PLAN 1 OF 3

DRAWING NO. OF 239

E10.03

PATH: U:\PSO\Projects\Clients\1578-KitsapCo\553-1578-155 SilverdaleRAGFDesign\DWG\99Svcs\CADD\DWG PLOTTED BY: vonderjam DATE: Saturday, May 3, 2025 2:48:04 PM LAYOUT: E10.03



PLAN

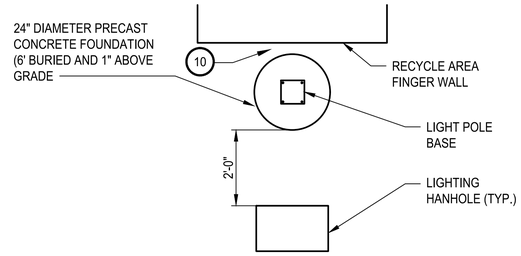
SCALE IN FEET

0 30 60

N

NOTES:

1. SEE DRAWING E10.15 FOR LIGHT FIXTURE SCHEDULE, AND DRAWING E10.16 FOR LIGHT POLE AND FOUNDATION SCHEDULE.
2. SITE LIGHTING FIXTURES ON REAR OF LHHW BLDG ARE SHOWN ON DWG E40.01.
3. ELECTRICAL EQUIPMENT RACK AND GENERATOR ARE SHOWN ON DWG E30.03.
4. RECEPTACLE FOR FREEZE PROTECTION. LOCATE RECEPTACLE 12" ABOVE CONCRETE EQUIPMENT PAD, MOUNT RECEPTACLE TO STANCHION. COORDINATE LOCATION OF RECEPTACLE TO NOT INTERFERE WITH HOT BOX, REDUCED PRESSURE/BACKFLOW PREVENTER ASSEMBLY. SEE DETAIL 1 DWG C30.08 FOR LOCATION OR RECEPTACLE AT HEATED BACKFLOW PREVENTER.

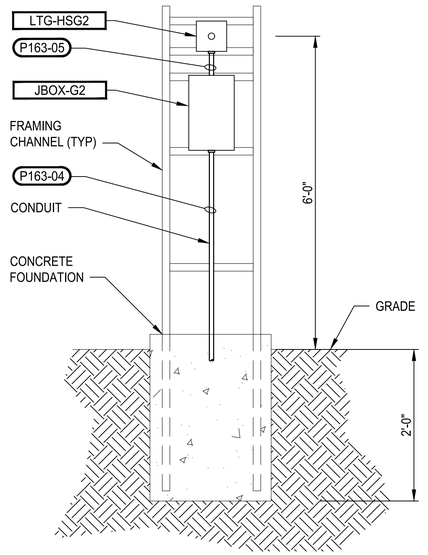


RECYCLE AREA LIGHT POLE DETAIL

SCALE: NONE

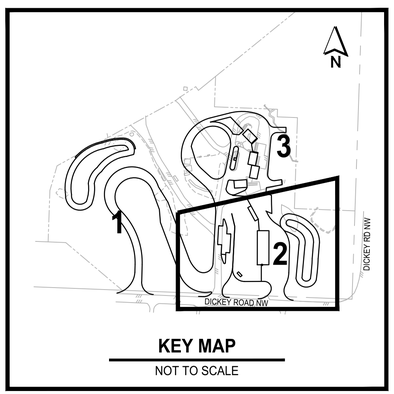
NOTES:

5. CONDUIT AND CABLE TO BE RUN FROM HAND HOLE TO LIGHT POLE FIXTURE, NOT SHOWN FOR CLARITY.
6. FUNCTION TEST AND DEMONSTRATE TO OWNER CONTAINER DRIVER LIGHTING PUSH BUTTON.
7. LIGHT FIXTURE IS FED BY NON-SWITCHED BRANCH CIRCUIT AND FIXTURE PHOTOCELL WILL TURN ON LIGHT FIXTURE ALL NIGHT.
8. SPARE CONDUIT (C101A) STOPS AT FENCE LINE.
9. THE EXISTING LUMEN COMMUNICATION PEDESTAL IS LOCATED SOUTH SIDE OF DICKEY RD NW.
10. SEE DETAIL B, DWG S50.03 FOR DIMENSION OF LIGHT POLE FOUNDATION AWAY FROM THE FINGER WALL.
11. ROUTE ELECTRICAL DUCT BANK NOT TO INTERFERE WITH OTHER UNDERGROUND UTILITIES. MAINTAIN A MINIMUM BURIAL DEPTH OF 24" TO TOP OF CONDUIT(S) UNLESS CROSSING OTHER UNDERGROUND UTILITIES. IF NEEDED ROUTE ELECTRICAL DUCT BANK EITHER BELOW OR OVER CROSSING UTILITIES SO NOT TO INTERFERE. IF BURIAL DEPTH BECOMES LESS THEN 18" BELOW GRADE, CONTACT ENGINEERING FOR EVALUATION.
12. FIELD ADJUST LOCATION CONDUITS TO HH-112. HANDHOLE HH-112 AMD LIGHT POLE FOUNDATION NOT TO INTERFERE WITH OTHER UNDERGROUND UTILITIES.
13. CONTRACTOR TO EXCAVATE FOR PSE PROVIDED VAULT UNDER PSE PROVIDED TRANSFORMER. SEE PSE ELECTRIC SERVICE HANDBOOK FOR PSE TRENCHING AND EXCAVATION REQUIREMENTS.
14. ALTERNATE COMMUNICATIONS CONDUIT. PROVIDE THREADED PLUGS AT BOTH ENDS OF CONDUIT. MAINTAIN SEPARATION FROM POWER CONDUIT PER PSE STANDARDS.



EAST SERVICE ROAD EARLY LIGHTING SWITCH DETAIL 1 E10.04

SCALE: 1" = 1'-0"



KEY MAP

NOT TO SCALE

ISSUE FOR BID

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

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FILE NAME E10.02
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 21496 — REGISTERED PROFESSIONAL ENGINEER

8/28/2025

KITSAP COUNTY
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ENLARGED ELECTRICAL SITE PLAN 2 OF 3

DRAWING NO. OF 239
E10.04

LAYOUT: E10.04 PATH: U:\PSO\Projects\Clients\1578-KitsapCo\553-1578-155 SilverdaleRAGFDesignOM\99Sucs\CADD\DWG PLOTTED BY: vonderjam DATE: Saturday, May 3, 2025 2:48:33 PM

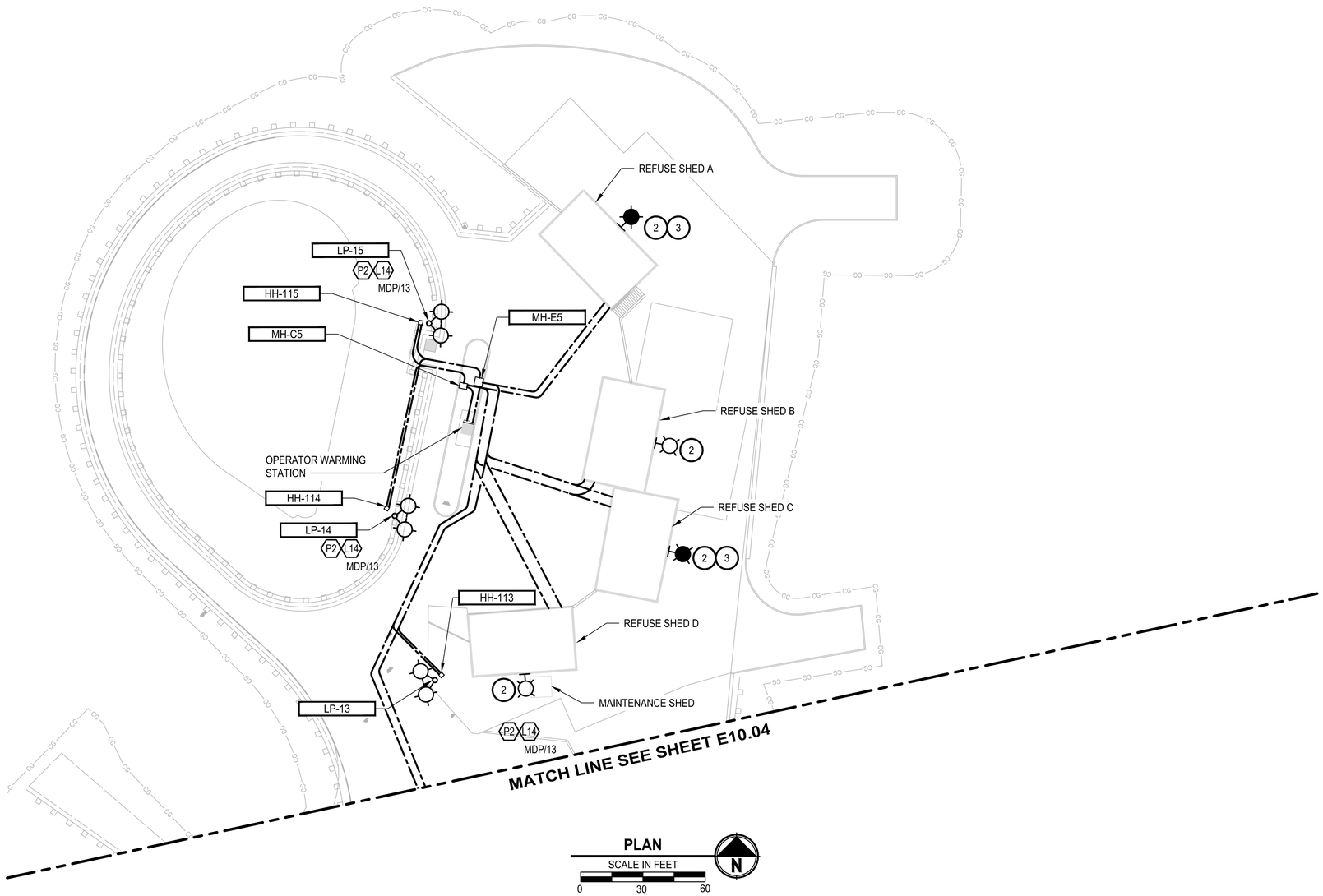
NOTES:

1. SEE DRAWING E10.15 FOR LIGHT FIXTURE SCHEDULE, AND DRAWING E10.16 FOR LIGHT POLE AND FOUNDATION SCHEDULE.

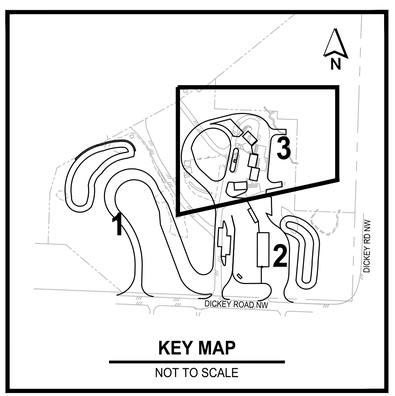
(2) SITE LIGHTING FIXTURES ON THE REAR OF REFUSE SHEDS ARE SHOWN ON DWG E20.01, E20.02, E20.03 AND E20.04.

(3) LIGHT FIXTURE IS FED BY NON-SWITCHED BRANCH CIRCUIT. LIGHT FIXTURE PHOTOCELL WILL TURN ON LIGHT FIXTURE ALL NIGHT.

4. ROUTE ELECTRICAL DUCT BANK NOT TO INTERFERE WITH OTHER UNDERGROUND UTILITIES. MAINTAIN A MINIMUM BURIAL DEPTH OF 24" TO TOP OF CONDUIT(S) UNLESS CROSSING OTHER UNDERGROUND UTILITIES. IF NEEDED ROUTE ELECTRICAL DUCT BANK EITHER BELOW OR OVER CROSSING UTILITIES SO NOT TO INTERFERE. IF BURIAL DEPTH BECOMES LESS THEN 18" BELOW GRADE, CONTACT ENGINEERING FOR EVALUATION.



PLAN
SCALE IN FEET
0 30 60



KEY MAP
NOT TO SCALE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

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FILE NAME E10.02
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 21498 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

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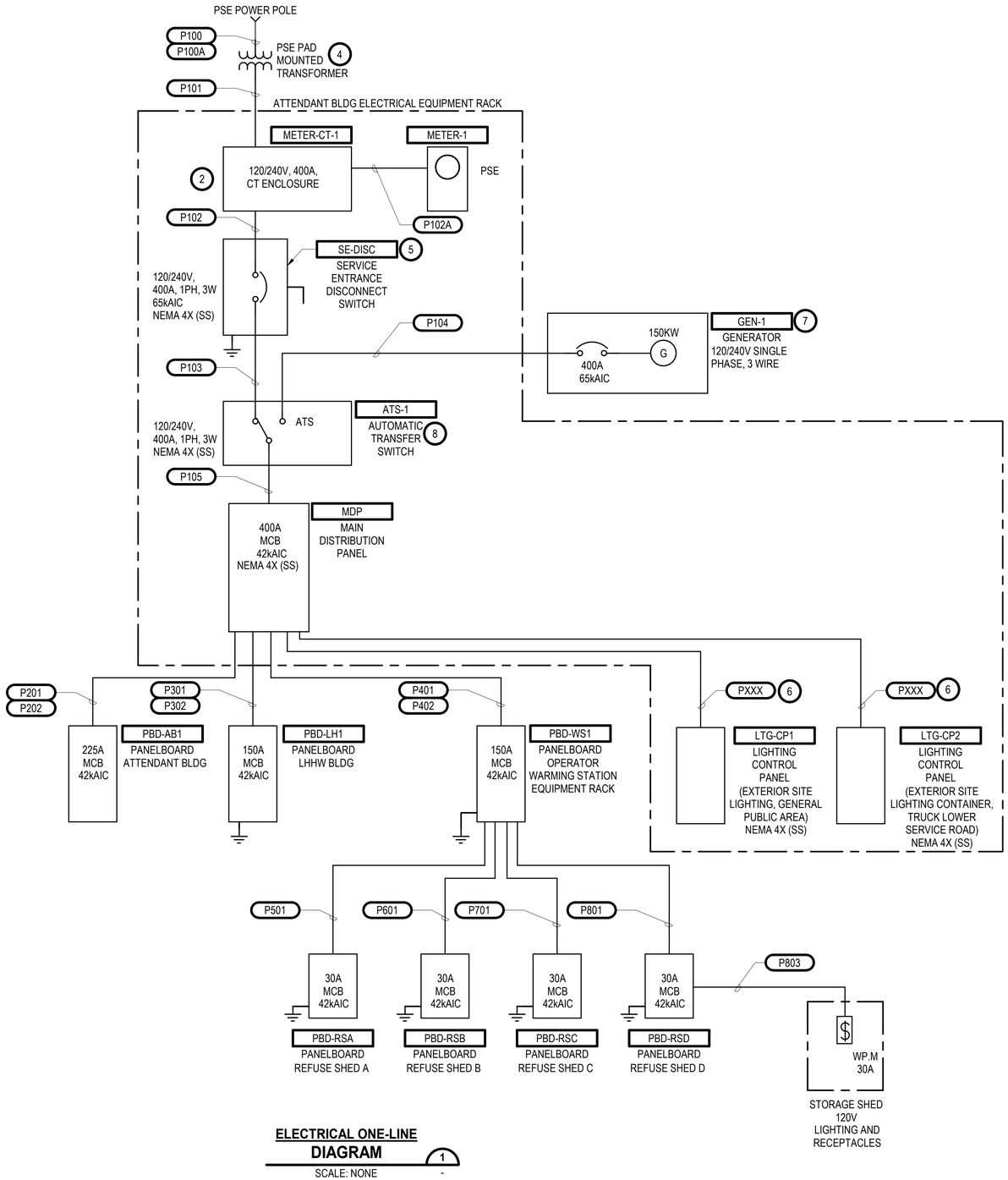
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ENLARGED ELECTRICAL SITE PLAN 3 OF 3

DRAWING NO. OF 239
E10.05

PATH: U:\PSO\Projects\Clients\1578--KitsapCo\553-1578-155 SilverdaleRAGF\Design\CM\99Svcs\CADD\DWG PLOTTED BY: vondejpm DATE: Saturday, May 3, 2025 2:48:55 PM
LAYOUT: E10.05



ELECTRICAL ONE-LINE DIAGRAM 1

SCALE: NONE -

NOTES:

1. ELECTRICAL SERVICE ENTRANCE PER PSE NON-RESIDENTIAL PROJECTS PERMANENT AND TEMPORARY SERVICE - ELECTRICAL SERVICE HANDBOOK.
2. CT ENCLOSURE AND CT MOUNTING BASE PER PSE METERING SINGLE PHASE 400A REQUIREMENTS. REFERENCE EATON B-LINE 244811 RTCT CURRENT TRANSFORMER ENCLOSURE AND REFERENCE EATON B-LINE 6019HA CURRENT TRANSFORMER MOUNTING BASE, 2 CT, OH/UG, 50KAIC STUDS.
3. SEE ELECTRICAL SCHEDULES ON DWGS E10.07 AND E10.08 FOR PANELBOARD SCHEDULES.
4. PSE ESTIMATE SHORT CIRCUIT CURRENT AVAILABLE IS 36,200 AMPS (120V WINDINGS) AND 23,100 AMPS (240V WINDINGS) PENDING A SINGLE PHASE 100 KVA TRANSFORMER.
5. MAIN BONDING JUMPER LOCATED IN SERVICE ENTRANCE DISCONNECT SWITCH.
6. SEE CONDUIT AND CABLE SCHEDULE FOR CONDUITS. CONDUIT IS SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(B).
7. BOND GENERATOR GROUND AND NEUTRAL TO ATS GROUND AND NEUTRAL.
8. CONTRACTOR SHALL ENSURE WITHSTAND CLOSE-IN RATING (WCR) OF ATS SHALL BE COMPATIBLE WITH SERVICE ENTRANCE CIRCUIT BREAKER AND GENERATOR CIRCUIT BREAKER.

v 5.0

PANELBOARD SCHEDULE

NAME: MDP

VOLTAGE RATING: **120/240 VOLTS, 1 PHASE, 3 WIRE**
BUS RATING: **400** AMPS
MAIN BREAKER: **400** AMPS
FEED: **BOTTOM**
MOUNTING: **SURFACE**
SPECIAL FEATURES: **42KAIC**

LOCATION: **ELECTRICAL EQUIPMENT RACK**
FED FROM: **ATS**
NOTES: **NEMA 4X (SS) ENCLOSURE**

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1	L2	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE
H	GENERATOR HEATER	840	1	20 / 2	-A-		225 / 2	2	22,903	PBD-AB1, ATTENDANT BLDG	X
H		840	3			-B-		4	22,903		X
R	GENERATOR BATTERY CHARGER	600	5	20 / 1	-A-		150 / 2	6	5,211	PBD-WS1	X
R	RECEPT, EQUIPMENT RACK	180	7	20 / 1		-B-		8	5,211		X
R	RECEPT, HOT BOX (FREEZE PROTECTION)	96	9	20 / 1	-A-		150 / 2	10	6,550	PBD-LH1	X
L	LTG, EXTERIOR ATTENDANT BLDG	657	11	20 / 1		-B-		12	6,550		X
L	LTG, SITE LP-13, LP-14, & LP-15	810	13	20 / 1	-A-		20 / 2	14	150	ATS HEATER	H
L	LTG, SITE REAR REFUSE SHEDS B & D	272	15	20 / 1		-B-		16	150		H
L	LTG, SITE REAR LHHW	405	17	20 / 1	-A-		20 / 2	18		SPARE	
L	LTG, SITE LP-07, LP-08	408	19	20 / 1		-B-		20			
L	LTG, SITE LP-05, LP-06	952	21	20 / 1	-A-		20 / 2	22		SPARE	
L	LTG, SITE LP-03	135	23	20 / 1		-B-		24			
L	LTG, SITE GATE 2 LP-12	440	25	20 / 1	-A-		/ 1	26	180	RECEPT, PSE AMR/AMI REPEATER ENCLOSURE	R
L	LTG, SITE GATE 1 LP-01	220	27	20 / 1		-B-	/ 1	28	960	ATS SPACE HEATER	H
L	LTG, SITE LP-09, LP-10	544	29	20 / 1	-A-		/ 1	30		SPACE	
L	LTG-CP1, CONTROL POWER & STRIP HEATER	485	31	20 / 1		-B-	/ 1	32		SPACE	
L	LTG-CP2, CONTROL POWER & STRIP HEATER	485	33	20 / 1	-A-		/ 1	34		SPACE	
L	LTG, SITE NON-SWITCHED CIRCUIT LP-01, LP-02	270	35	20 / 1		-B-	/ 1	36		SPACE	
L	LTG, SITE NON-SWITCHED CIRCUIT LP-06	135	37	20 / 1	-A-		/ 1	38		SPACE	
L	LTG, SITE NON-SWITCHED CIRCUIT LP-07, LP-11	270	39	20 / 1		-B-	/ 1	40		SPACE	
	LINE LOADS:	**40,301**	**VA(L1)**						**39,511**	**VA(L2)**	
	TOTAL LOAD:	**79.81**	**KVA**			**332.5**	**AMPS**				

MDP LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL EXISTING (E) LOAD FROM 30 DAY METER RECORDING, PER NEC (2017) 220.87:	E	0	ALL @	125%	0
TOTAL LIGHTING (L) LOAD:	L	6488	ALL @	125%	8110
TOTAL RECEPTACLE (R) LOAD:	R	1056	FIRST 10KVA @	125%	1320
			REMAINDER OVER 10KVA	50%	0
TOTAL MOTOR (M) LOAD:	M	0	ALL @	100%	0
	LM	0	125% OF LARGEST	125%	0
TOTAL HVAC (H) LOAD:	H	2940	ALL @	125%	3675
TOTAL MISCELLANEOUS (X) LOAD:	X	69328	ALL @	100%	69328
TOTAL VA:		79812 VA			82433 VA
AVERAGE AMPS @		333 AMPS			343 AMPS
VOLTAGE PHASE TO PHASE=	240				

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB NO. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

KITSAP COUNTY
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL ONE-LINE DIAGRAM

DRAWING NO.
209 OF 239
E10.06

NOTES:

1. EQUIPMENT IS LOCATED IN THE CONTROL ROOM.

PANELBOARD SCHEDULE

v 5.0

NAME: PBD-AB1

VOLTAGE RATING: **120/240 VOLTS, 1 PHASE, 3 WIRE**
BUS RATING: **225A** AMPS
MAIN BREAKER: **225A** AMPS
FEED: **BOTTOM**
MOUNTING: **SURFACE**
SPECIAL FEATURES: **42KAIC**

LOCATION: **ATTENDANT BLDG - SERVER ROOM**
FED FROM: **MDP**
NOTES: **NEMA 1**

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1	L2	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE
R	RECEPT, SERVER ROOM	360	1	20 / 1	-A-		40 / 2	2		SPD, MOUNTED ADJACENT TO PBD-AB1	
R	RECEPT, SERVER ROOM	360	3	20 / 1		-B-		4			
R	RECEPT, SERVER ROOM	540	5	20 / 1	-A-		20 / 2	6		SPARE	
R	RECEPT, HALL	720	7	20 / 1		-B-		8			
R	RECEPT, CONTROL ROOM	360	9	20 / 1	-A-		40 / 2	10		SPARE	
R	RECEPT, CONTROL ROOM - WEST	360	11	20 / 1		-B-		12			
R	RECEPT, CONTROL ROOM - NORTH	360	13	20 / 1	-A-		20 / 2	14	1,340	EWH-1,EWH-1(2),ECH-3,ECH-3(2) RELAYBOX	H
R	RECEPT, CONTROL ROOM - NORTH	360	15	20 / 1		-B-		16	1,340	EWH-1,EWH-1(2),ECH-3,ECH-3(2) RELAYBOX	H
R	RECEPT, CONTROL ROOM - NORTH	360	17	20 / 1	-A-		15 / 1	18		SPARE	
R	RECEPT, CONTROL ROOM - NORTH	360	19	20 / 1		-B-	15 / 1	20		SPARE	
R	RECEPT, CONTROL ROOM - EAST	360	21	20 / 1	-A-		15 / 1	22	120	HEATER, STORAGE RM, ECH-1	H
R	RECEPT, KITCHEN DISH WASHER/UNDERSINK	1,248	23	20 / 1		-B-	15 / 1	24	210	HEATER, RESTROOM, ECH-2	H
R	RECEPT, KITCHEN COUNTERTOP	360	25	20 / 1	-A-		15 / 1	26	36	EX-FAN, RESTROOM EF-1	H
R	RECEPT, KITCHEN COUNTERTOP MICROWAVE	1,200	27	20 / 1		-B-	20 / 1	28	1,176	SUPPLY FAN (SF-1) & DAMPER	H
R	RECEPT, KITCHEN REFRIGERATOR	1,800	29	20 / 1	-A-		15 / 2	30		SPARE	
R	RECEPT, OUTDOORS - NORTH AND EAST	360	31	20 / 1		-B-		32			
R	RECEPT, OUTDOORS - SOUTH AND WEST	360	33	20 / 1	-A-		30 / 2	34	2,250	HEATER, WATER, ATTIC (WH-1)	H
R	RECEPT, MEZZANINE	180	35	20 / 1		-B-		36	2,250		H
L	LTG, STORAGE RM, HALL, WORK RM.	343	37	20 / 1	-A-		40 / 2	38	2,880	DUCTLESS HEAT PUMP (HPCU-1/HPIU-1) POWER INDOOR UNIT THRU OUTDOOR UNIT.	H
L	LTG, SERVER RM & RESTROOM & MEZZANINE	106	39	20 / 1		-B-		40	2,880		H
X	ATTENDANT CALL (MCS-JB1)	319	41	20 / 1	-A-		40 / 2	42	2,640	DUCTLESS AC UNIT (ACCU-1/ACIU-1) POWER INDOOR UNIT THRU OUTDOOR UNIT.	H
L	LTG, EXIT SIGN	180	43	20 / 1		-B-		44	2,640		H
R	RECEPT, HALL	180	45	20 / 1	-A-		35 / 2	46	3,750	DUCT HEATER (DH-1)	H
X	FIRE ALARM CONTROL PANEL	360	47	20 / 1		-B-		48	3,750		H
X	GAS DETECTOR / CONTROLLER	24	49	20 / 1	-A-		30 / 2	50		SPARE	
X	GAS MONITOR RELAY CONTROL PANEL	30	51	20 / 1		-B-		52			
	SPARE		53	20 / 1	-A-		20 / 2	54		SPARE	
	SPARE		55	20 / 1		-B-		56			
	LINE LOADS:	**18,742**	**VA(L1)**						**20,070**	**VA(L2)**	
	TOTAL LOAD:	**38.81**	**KVA**			**161.7**	**AMPS**				

PBD-AB1 LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL EXISTING (E) LOAD FROM 30 DAY METER RECORDING, PER NEC (2017) 220.87:	E	0	ALL @	125%	0
TOTAL LIGHTING (L) LOAD:	L	629	ALL @	125%	786
TOTAL RECEPTACLE (R) LOAD:	R	10188	FIRST 10KVA @	125%	10000
			REMAINDER OVER 10KVA	50%	94
TOTAL MOTOR (M) LOAD:	M	0	ALL @	100%	0
	LM	0	125% OF LARGEST	125%	0
TOTAL HVAC (H) LOAD:	H	27262	ALL @	125%	34078
TOTAL MISCELLANEOUS (X) LOAD:	X	733	ALL @	125%	916
TOTAL VA:		38812 VA			45874 VA
AVERAGE AMPS @		162 AMPS			191 AMPS
VOLTAGE PHASE TO PHASE=	240				

PANELBOARD SCHEDULE

v 5.0

NAME: PBD-LH1

VOLTAGE RATING: **120/240 VOLTS, 1 PHASE, 3 WIRE**
BUS RATING: **150** AMPS
MAIN BREAKER: **150** AMPS
FEED: **BOTTOM**
MOUNTING: **SURFACE**
SPECIAL FEATURES: **42KAIC**

LOCATION: **LHHW BLDG - STORAGE ROOM**
FED FROM: **MDP**
NOTES: **NEMA 1**

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1	L2	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE
R	RECEPT, EXTERIOR	180	1	20 / 1	-A-		20 / 1	2	94	LTG, WARMING ROOM & STORAGE & OUTSIDE	L
R	RECEPT, STORAGE RM	360	3	20 / 1		-B-	20 / 1	4	148	LTG, GARAGE	L
R	RECEPT, COMM CABINET	360	5	20 / 1	-A-		35 / 2	6	3,000	HEATER, WATER (WH-2)	H
R	RECEPT, WARMING ROOM	360	7	20 / 1		-B-		8	3,000		H
R	RECEPT, WARMING ROOM	180	9	20 / 1	-A-		20 / 1	10	500	HEATER, WALL (EWH-2)	H
X	REMOTE ATTENDANT CALL STATION	480	11	20 / 1		-B-	20 / 1	12	420	HEATER, COVE (ECH-4)	H
R	RECEPT, GARAGE SOUTH	360	13	20 / 1	-A-		20 / 1	14	210	HEATER, COVE (ECH-1)	H
R	RECEPT, GARAGE CENTER	360	15	20 / 1		-B-	20 / 1	16		SPARE	
R	RECEPT, GARAGE NORTH	360	17	20 / 1	-A-		20 / 1	18		SPARE	
R	RECEPT,FREEZE PROT. SINK & P-TRAP	72	19	20 / 1		-B-	20 / 1	20		SPARE	
R	RECEPT,FREEZE PROT. EYE WASH	36	21	20 / 1	-A-		20 / 1	22		SPARE	
	SPARE		23	20 / 1		-B-	20 / 1	24		SPARE	
	LINE LOADS:	**5,280**	**VA(L1)**						**5,200**	**VA(L2)**	
	TOTAL LOAD:	**10.48**	**KVA**			**43.7**	**AMPS**				

PBD-LH1 LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL EXISTING (E) LOAD FROM 30 DAY METER RECORDING, PER NEC (2017) 220.87:	E	0	ALL @	125%	0
TOTAL LIGHTING (L) LOAD:	L	242	ALL @	125%	303
TOTAL RECEPTACLE (R) LOAD:	R	2628	FIRST 10KVA @	125%	3285
			REMAINDER OVER 10KVA	50%	0
TOTAL MOTOR (M) LOAD:	M	0	ALL @	100%	0
	LM	0	125% OF LARGEST	125%	0
TOTAL HVAC (H) LOAD:	H	7130	ALL @	125%	8913
TOTAL MISCELLANEOUS (X) LOAD:	X	480	ALL @	125%	600
TOTAL VA:		10480 VA			13100 VA
AVERAGE AMPS @		44 AMPS			55 AMPS
VOLTAGE PHASE TO PHASE=	240				

PANELBOARD SCHEDULE

v 5.0

NAME: PBD-WS1

VOLTAGE RATING: **120/240 VOLTS, 1 PHASE, 3 WIRE**
BUS RATING: **225A** AMPS
MAIN BREAKER: **150** AMPS
FEED: **BOTTOM**
MOUNTING: **SURFACE**
SPECIAL FEATURES: **42KAIC**

LOCATION: **WARMING STATION NORTH SIDE**
FED FROM: **MDP**
NOTES: **NEMA 4X (SS), REFUSE SHED LOADS BASED UPON 240V, 20A LOAD**

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1	L2	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE
R	RECEPT, WARMING STATION EXTERIOR	180	1	20 / 1	-A-		30 / 2	2	729	REFUSE SHED A	X
R	RECEPT, WARMING STATION INTERIOR	540	3	20 / 1		-B-		4	729		X
R	RECEPT, WARMING STATION INTERIOR	540	5	20 / 1	-A-		30 / 2	6	645	REFUSE SHED B	X
R	REMOTE ATTENDANT CALL STATION	480	7	20 / 1		-B-		8	645		X
	SPARE		9	20 / 1	-A-		30 / 2	10	729	REFUSE SHED C	X
L	LTG, WARMING STATION EXTERIOR	24	11	20 / 1		-B-		12	729		X
L	LTG, WARMING STATION INTERIOR	43	13	20 / 1	-A-		30 / 2	14	896	REFUSE SHED D	X
H	HEATER, WARMING STA. ECH-1 AND ECH-4	630	15	20 / 1		-B-		16	896		X
H	HEATER, WARMING STA. EWH-2	500	17	20 / 1	-A-		20 / 2	18		SPARE	
R	IRRIGATION CONTROLLER	600	19	20 / 1		-B-		20			
	SPARE		21	20 / 1	-A-		20 / 2	22		SPARE	
	SPARE		23	20 / 1		-B-		24			
	SPARE		25	20 / 1	-A-		20 / 1	26		SPARE	
	SPARE		27	20 / 1		-B-	20 / 1	28		SPARE	
	SPARE		29	20 / 1	-A-		20 / 1	30		SPARE	
	SPARE		31	20 / 1		-B-	20 / 1	32		SPARE	
	LINE LOADS:	**4,263**	**VA(L1)**						**5,274**	**VA(L2)**	
	TOTAL LOAD:	**9.54**	**KVA**			**39.7**	**AMPS**				

PBD-WS1 LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL EXISTING (E) LOAD FROM 30 DAY METER RECORDING, PER NEC (2017) 220.87:	E	0	ALL @	125%	0
TOTAL LIGHTING (L) LOAD:	L	67	ALL @	125%	84
TOTAL RECEPTACLE (R) LOAD:	R	2340	FIRST 10KVA @	125%	2925
			REMAINDER OVER 10KVA	50%	0
TOTAL MOTOR (M) LOAD:	M	0	ALL @	100%	0
	LM	0	125% OF LARGEST	125%	0
TOTAL HVAC (H) LOAD:	H	1130	ALL @	125%	1413
TOTAL MISCELLANEOUS (X) LOAD:	X	6000	ALL @	100%	6000
TOTAL VA:		9537 VA			10421 VA
AVERAGE AMPS @		40 AMPS			43 AMPS
VOLTAGE PHASE TO PHASE=	240				

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER — 8/28/2025

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
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719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL SCHEDULES

DRAWING NO.
210 OF 239
E10.07

v 5.0

PANELBOARD SCHEDULE

NAME: PBD-RSA

VOLTAGE RATING: **120/240 VOLTS, 1 PHASE, 3 WIRE**
BUS RATING: **100** AMPS
MAIN BREAKER: **30** AMPS
FEED: **BOTTOM**
MOUNTING: **SURFACE**
SPECIAL FEATURES: **22KAIC**

LOCATION: **REFUSE SHED A**
FED FROM: **PBD-WS1**
NOTES: **NEMA 4X (SS)**

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1	L2	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE
R	RECEPT, EXTERIOR	180	1	20 / 1	-A-		20 / 1	2	312	LTG, INTERIOR	L
R	RECEPT, INTERIOR (TIPPING FLOOR SE & SW)	360	3	20 / 1		-B-	20 / 1	4	135	LTG, EXTERIOR LIGHT (NIGHT LIGHT)	L
R	RECEPT, INTERIOR (LOWER LEVEL N)	180	5	20 / 1	-A-		20 / 1	6		SPARE	
	SPARE		7	20 / 1		-B-	20 / 1	8		SPARE	
	SPARE		9	20 / 1	-A-		20 / 1	10		SPARE	
LINE LOADS:		**672**	**VA(L1)**						**495**	**VA(L2)**	
TOTAL LOAD:		**1.17**	**KVA**				**4.9**	**AMPS**			

PBD-RSA LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL EXISTING (E) LOAD FROM 30 DAY METER RECORDING, PER NEC (2017) 220.87:	E	0	ALL @	125%	0
TOTAL LIGHTING (L) LOAD:	L	447	ALL @	125%	559
TOTAL RECEPTACLE (R) LOAD:	R	720	FIRST 10KVA @	125%	900
			REMAINDER OVER 10KVA	50%	0
TOTAL MOTOR (M) LOAD:	M	0	ALL @	100%	0
	LM	0	125% OF LARGEST	125%	0
TOTAL HVAC (H) LOAD:	H	0	ALL @	125%	0
TOTAL MISCELLANEOUS (X) LOAD:	X	0	ALL @	125%	0
TOTAL VA:		1167 VA			1459 VA
AVERAGE AMPS @		5 AMPS			6 AMPS
VOLTAGE PHASE TO PHASE=	240				

v 5.0

PANELBOARD SCHEDULE

NAME: PBD-RSB

VOLTAGE RATING: **120/240 VOLTS, 1 PHASE, 3 WIRE**
BUS RATING: **100** AMPS
MAIN BREAKER: **30** AMPS
FEED: **BOTTOM**
MOUNTING: **SURFACE**
SPECIAL FEATURES: **22KAIC**

LOCATION: **REFUSE SHED B**
FED FROM: **PBD-WS1**
NOTES: **NEMA 4X (SS)**

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1	L2	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE
R	RECEPT, EXTERIOR	180	1	20 / 1	-A-		20 / 1	2	312	LTG, INTERIOR	L
R	RECEPT, INTERIOR (TIPPING FLOOR SE & SW)	360	3	20 / 1		-B-	20 / 1	4		SPARE	
R	RECEPT, INTERIOR (LOWER LEVEL N)	180	5	20 / 1	-A-		20 / 1	6		SPARE	
	SPARE		7	20 / 1		-B-	20 / 1	8		SPARE	
	SPARE		9	20 / 1	-A-		20 / 1	10		SPARE	
LINE LOADS:		**672**	**VA(L1)**						**360**	**VA(L2)**	
TOTAL LOAD:		**1.03**	**KVA**				**4.3**	**AMPS**			

PBD-RSB LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL EXISTING (E) LOAD FROM 30 DAY METER RECORDING, PER NEC (2017) 220.87:	E	0	ALL @	125%	0
TOTAL LIGHTING (L) LOAD:	L	312	ALL @	125%	390
TOTAL RECEPTACLE (R) LOAD:	R	720	FIRST 10KVA @	125%	900
			REMAINDER OVER 10KVA	50%	0
TOTAL MOTOR (M) LOAD:	M	0	ALL @	100%	0
	LM	0	125% OF LARGEST	125%	0
TOTAL HVAC (H) LOAD:	H	0	ALL @	125%	0
TOTAL MISCELLANEOUS (X) LOAD:	X	0	ALL @	125%	0
TOTAL VA:		1032 VA			1290 VA
AVERAGE AMPS @		4 AMPS			5 AMPS
VOLTAGE PHASE TO PHASE=	240				

v 5.0

PANELBOARD SCHEDULE

NAME: PBD-RSC

VOLTAGE RATING: **120/240 VOLTS, 1 PHASE, 3 WIRE**
BUS RATING: **100** AMPS
MAIN BREAKER: **30** AMPS
FEED: **BOTTOM**
MOUNTING: **SURFACE**
SPECIAL FEATURES: **22KAIC**

LOCATION: **REFUSE SHED C**
FED FROM: **PBD-WS1**
NOTES: **NEMA 4X (SS)**

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1	L2	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE
R	RECEPT, EXTERIOR	180	1	20 / 1	-A-		20 / 1	2	312	LTG, INTERIOR	L
R	RECEPT, INTERIOR (TIPPING FLOOR SE & SW)	360	3	20 / 1		-B-	20 / 1	4	135	LTG, EXTERIOR (NIGHT LIGHT)	L
R	RECEPT, INTERIOR (LOWER LEVEL N)	180	5	20 / 1	-A-		20 / 1	6		SPARE	
	SPARE		7	20 / 1		-B-	20 / 1	8		SPARE	
	SPARE		9	20 / 1	-A-		20 / 1	10		SPARE	
LINE LOADS:		**672**	**VA(L1)**						**495**	**VA(L2)**	
TOTAL LOAD:		**1.17**	**KVA**				**4.9**	**AMPS**			

PBD-RSC LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL EXISTING (E) LOAD FROM 30 DAY METER RECORDING, PER NEC (2017) 220.87:	E	0	ALL @	125%	0
TOTAL LIGHTING (L) LOAD:	L	447	ALL @	125%	559
TOTAL RECEPTACLE (R) LOAD:	R	720	FIRST 10KVA @	125%	900
			REMAINDER OVER 10KVA	50%	0
TOTAL MOTOR (M) LOAD:	M	0	ALL @	100%	0
	LM	0	125% OF LARGEST	125%	0
TOTAL HVAC (H) LOAD:	H	0	ALL @	125%	0
TOTAL MISCELLANEOUS (X) LOAD:	X	0	ALL @	125%	0
TOTAL VA:		1167 VA			1459 VA
AVERAGE AMPS @		5 AMPS			6 AMPS
VOLTAGE PHASE TO PHASE=	240				

v 5.0

PANELBOARD SCHEDULE

NAME: PBD-RSD

VOLTAGE RATING: **120/240 VOLTS, 1 PHASE, 3 WIRE**
BUS RATING: **100** AMPS
MAIN BREAKER: **30** AMPS
FEED: **BOTTOM**
MOUNTING: **SURFACE**
SPECIAL FEATURES: **22KAIC**

LOCATION: **REFUSE SHED D**
FED FROM: **PBD-WS1**
NOTES: **NEMA 4X (SS)**

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1	L2	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE
R	RECEPT, EXTERIOR	180	1	20 / 1	-A-		20 / 1	2	312	LTG, INTERIOR	L
R	RECEPT, INTERIOR (TIPPING FLOOR SE & SW)	360	3	20 / 1		-B-	20 / 1	4	402	LTG-RECPT, MAINTENANCE SHED	L
R	RECEPT, INTERIOR (LOWER LEVEL N)	180	5	20 / 1	-A-		20 / 1	6			
	SPARE		7	20 / 1		-B-	20 / 1	8		SPARE	
	SPARE		9	20 / 1	-A-		20 / 1	10		SPARE	
LINE LOADS:		**672**	**VA(L1)**						**762**	**VA(L2)**	
TOTAL LOAD:		**1.43**	**KVA**				**6.0**	**AMPS**			

PBD-RSD LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL EXISTING (E) LOAD FROM 30 DAY METER RECORDING, PER NEC (2017) 220.87:	E	0	ALL @	125%	0
TOTAL LIGHTING (L) LOAD:	L	714	ALL @	125%	893
TOTAL RECEPTACLE (R) LOAD:	R	720	FIRST 10KVA @	125%	900
			REMAINDER OVER 10KVA	50%	0
TOTAL MOTOR (M) LOAD:	M	0	ALL @	100%	0
	LM	0	125% OF LARGEST	125%	0
TOTAL HVAC (H) LOAD:	H	0	ALL @	125%	0
TOTAL MISCELLANEOUS (X) LOAD:	X	0	ALL @	125%	0
TOTAL VA:		1434 VA			1793 VA
AVERAGE AMPS @		6 AMPS			7 AMPS
VOLTAGE PHASE TO PHASE=	240				

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41495 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

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719 SECOND AVENUE SE, SUITE 100 | SEATTLE, WA 98104
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL SCHEDULES

DRAWING NO.
211 OF 239
E10.08

MANHOLE & HANDHOLE SCHEDULE

NO.	SIZE (MINIMUM)	COVER INSCRIPTION	DESIGN BASED UPON	REMARKS
MH-C1	4'W X 4'L X 4'D	COMM	OLDCASTLE 444-LA	SEE SPECIFICATION SECTION 26 05 33
MH-C2	3'-8"W X 2'-8"L X 3'-6"D	COMM	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 33
MH-C3	3'-8"W X 2'-8"L X 3'-6"D	COMM	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 33
MH-C5	3'-8"W X 2'-8"L X 3'-6"D	COMM	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 35
MH-C7	3'-8"W X 2'-8"L X 3'-6"D	COMM	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 33
MH-C8	3'-8"W X 2'-8"L X 3'-6"D	COMM	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 34
MH-C9	3'-8"W X 2'-8"L X 3'-6"D	COMM	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 35
MH-E1	4'W X 6'L X 4'D	PWR	OLDCASTLE 655-LA	SEE SPECIFICATION SECTION 26 05 33
MH-E2	4'W X 4'L X 4'D	PWR	OLDCASTLE 444-LA	SEE SPECIFICATION SECTION 26 05 33
MH-E3	3'-8"W X 2'-8"L X 3'-6"D	PWR	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 33
MH-E5	4'W X 4'L X 4'D	PWR	OLDCASTLE 444-LA	SEE SPECIFICATION SECTION 26 05 33
MH-E7	3'-8"W X 2'-8"L X 3'-6"D	PWR	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 33
MH-E8	3'-8"W X 2'-8"L X 3'-6"D	PWR	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 33
MH-E9	3'-8"W X 2'-8"L X 3'-6"D	PWR	OLDCASTLE 233 PULLBOX-WSDOT	SEE SPECIFICATION SECTION 26 05 33
HH-C3A	14"W X 21"L X 18"D	COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 33
HH-E3A	14"W X 21"L X 18"D	PWR	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 33
HH-102	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 33
HH-103	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 34
HH-105	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 35
HH-106	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 36
HH-107	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 34
HH-108	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 34
HH-109	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 34
HH-110	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 34
HH-112	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 34
HH-113	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 34
HH-114	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 35
HH-115	14"W X 21"L X 18"D	PWR/COMM	DURALITE 1118-18	SEE SPECIFICATION SECTION 26 05 36

NETWORK SCHEDULE

ITEM NO.	PATCH PNL ID	PORT NO.	WALL DATA OUTLET	JACK NO.	CABLE ID TAG	COMMENT
1	PP1	1	WEST-1	1	PP1-1-W1-1	
2	PP1	2	WEST-1	2	PP1-2-W1-2	
3	PP1	3	WEST-1	3	PP1-3-W1-3	
4	PP1	4	WEST-1	4	PP1-4-W1-4	
5	PP1	5	WEST-2	1	PP1-5-W2-1	
6	PP1	6	WEST-2	2	PP1-6-W2-2	
7	PP1	7	WEST-2	3	PP1-7-W2-3	
8	PP1	8	WEST-2	4	PP1-8-W2-4	
9	PP1	9	WEST-3	1	PP1-9-W3-1	
10	PP1	10	WEST-3	2	PP1-10-W3-2	
11	PP1	11	WEST-3	3	PP1-11-W3-3	
12	PP1	12	WEST-3	4	PP1-12-W3-4	
13	PP1	13	WEST-4	1	PP1-13-W4-1	
14	PP1	14	WEST-4	2	PP1-14-W4-2	
15	PP1	15	WEST-4	3	PP1-15-W4-3	
16	PP1	16	WEST-4	4	PP1-16-W4-4	
17	PP1	17	WEST-5	1	PP1-17-W4-1	
18	PP1	18	WEST-5	2	PP1-18-W4-2	
19	PP1	19	WEST-5	3	PP1-19-W4-3	
20	PP1	20	WEST-5	4	PP1-20-W4-4	
21	PP1	21	NORTH-1	1	PP1-21-N4-1	
22	PP1	22	NORTH-1	2	PP1-22-N4-2	
23	PP1	23	NORTH-1	3	PP1-23-N4-3	
24	PP1	24	NORTH-1	4	PP1-24-N4-4	
25	PP1	25	NORTH-2	1	PP1-25-N2-1	
26	PP1	26	NORTH-2	2	PP1-26-N2-2	
27	PP1	27	NORTH-2	3	PP1-27-N2-3	
28	PP1	28	NORTH-2	4	PP1-28-N2-4	
29	PP1	29	NORTH-3	1	PP1-29-N3-1	
30	PP1	30	NORTH-3	2	PP1-30-N3-2	
31	PP1	31	NORTH-3	3	PP1-31-N3-3	
32	PP1	32	NORTH-3	4	PP1-32-N3-4	
33	PP1	33	EAST-1	1	PP1-33-E1-1	
34	PP1	34	EAST-1	2	PP1-34-E1-2	
35	PP1	35	EAST-1	3	PP1-35-E1-3	
36	PP1	36	EAST-1	4	PP1-36-E1-4	
37	PP1	37	SOUTH-1	1	PP1-37-S1-1	
38	PP1	38	SOUTH-2	2	PP1-38-S1-2	
39	PP1	39	SOUTH-3	3	PP1-39-S1-3	
40	PP1	40	SOUTH-4	4	PP1-40-S1-4	

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
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ROBERT W. ROHLER · STATE OF WASHINGTON · 41496 · REGISTERED PROFESSIONAL ENGINEER
8/28/2025

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P 206.394.3700
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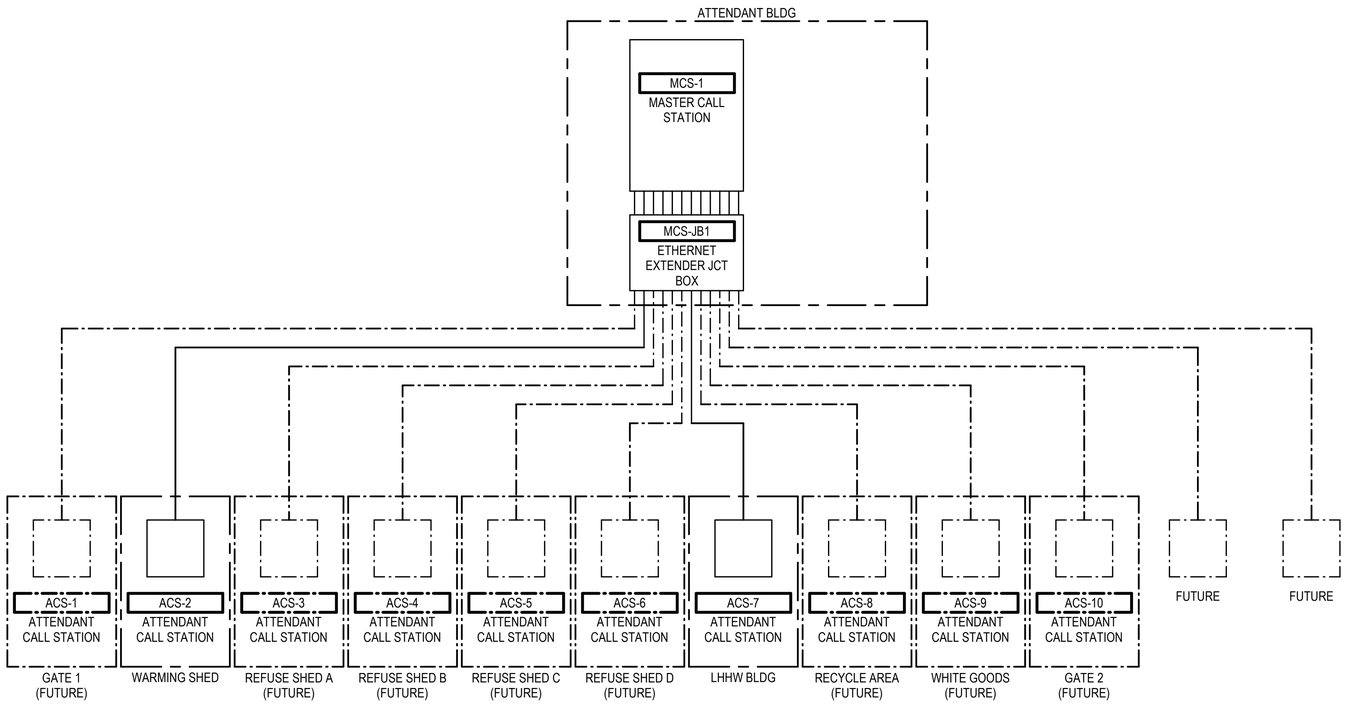
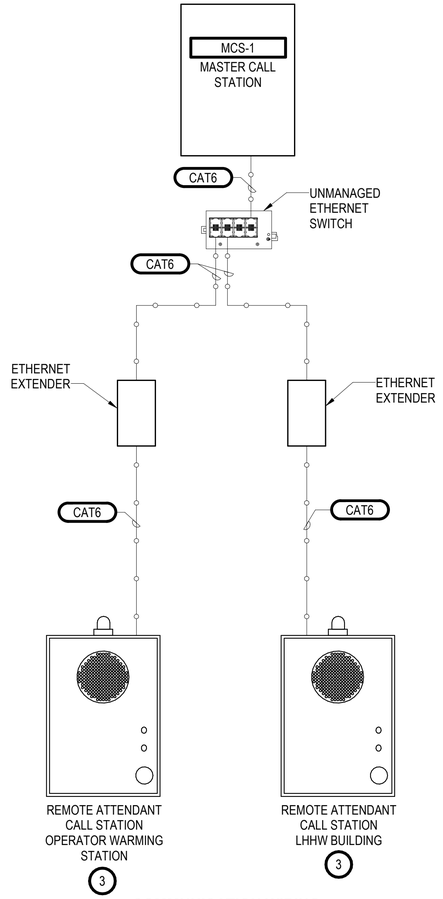
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL AND NETWORK SCHEDULES

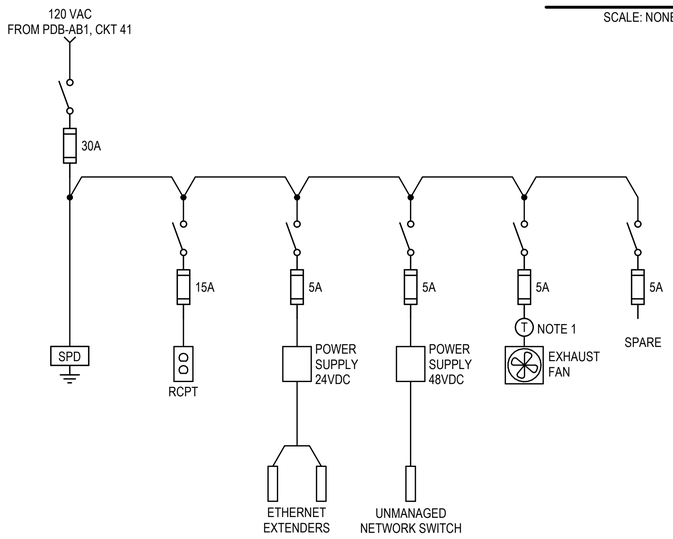
DRAWING NO.
212 OF 239
E10.09



ATTENDANT CALL SYSTEM BLOCK DIAGRAM (1)
SCALE: NONE -

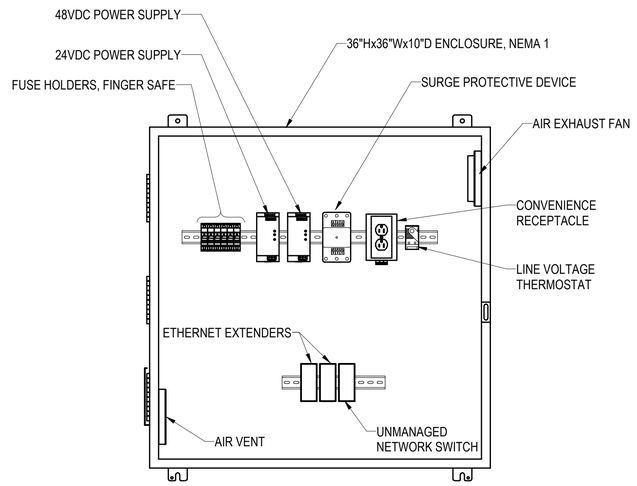


COMMUNICATION WIRING DIAGRAM (2)
SCALE: NONE -



NOTE 1: FAN T-STAT CONTROLLED,TURNS ON WHEN TEMPERATURE IS ABOVE 75 DEGREES F.

MCS-JB1 INTERNAL POWER DISTRIBUTION DIAGRAM (3)
SCALE: NONE -



4 MCS-JB1 LAYOUT DIAGRAM (4)
SCALE: NONE -

NOTES:

1. SEE SECTION 28 15 23 AUDIO INTERCOM SYSTEM.
2. SEE DRAWING E10.17 FOR REMOTE ATTENDANT CALL STATION LAYOUT AND BLOCK DIAGRAM.
3. SEE DWG E10.17 FOR REMOTE ATTENDANT CALL STATION BLOCK DIAGRAM.
4. MCS-JB1 LAYOUT IS A CONCEPTUAL EQUIPMENT ARRANGEMENT. SEE SECTION 28 15 23.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

KITSAP COUNTY
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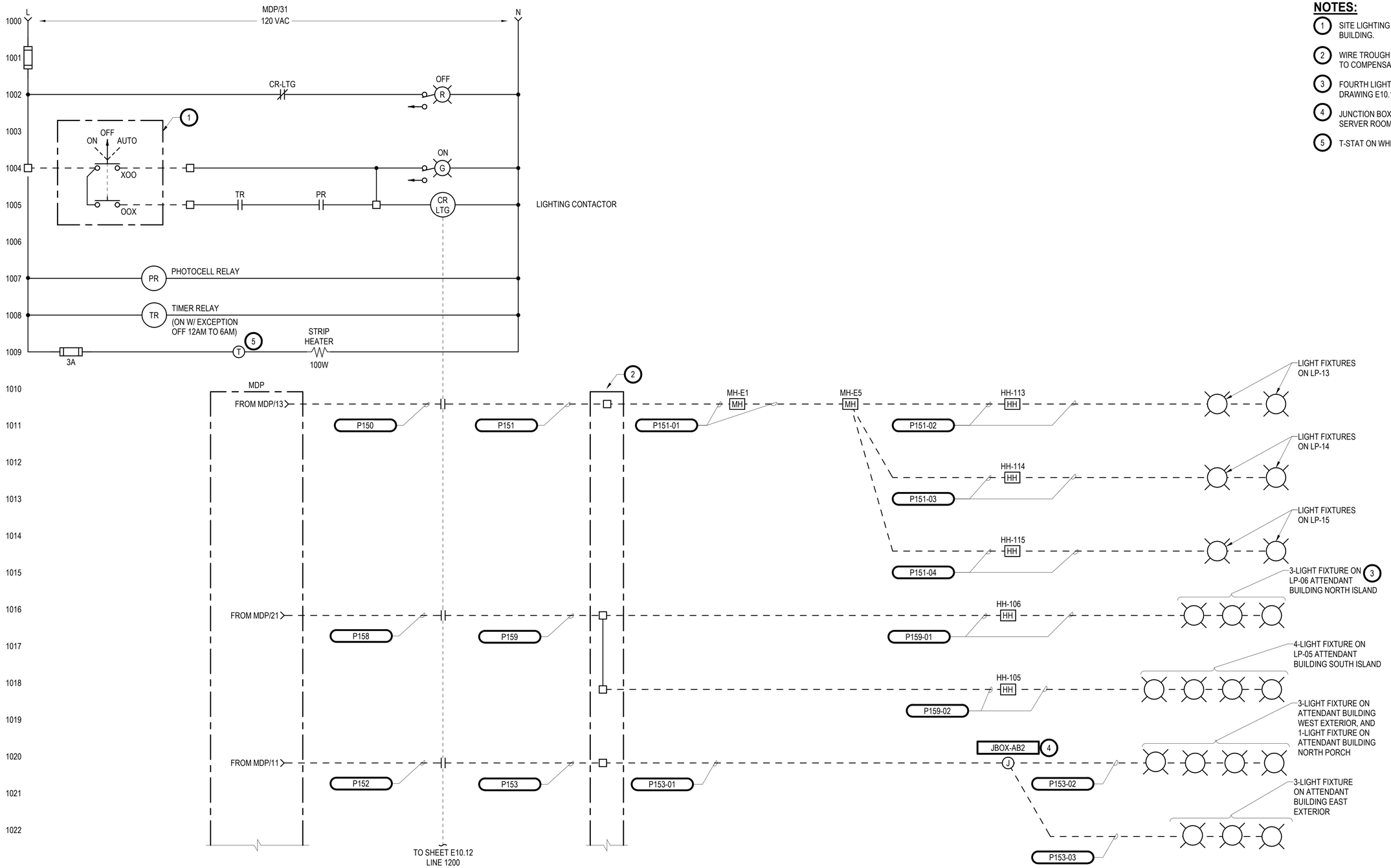
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL ATTENDANT CALL SYSTEM BLOCK DIAGRAM

DRAWING NO.
213 OF 239
E10.10



NOTES:

1. SITE LIGHTING H-O-A SWITCH LOCATED INSIDE ATTENDANT BUILDING.
2. WIRE TROUGH - TERMINAL BOX FOR LARGER CONDUCTORS TO COMPENSATE FOR LONG CIRCUIT LENGTHS.
3. FOURTH LIGHT FIXTURE ON LIGHT POLE IS ON ALL NIGHT. SEE DRAWING E10.12.
4. JUNCTION BOX IS LOCATED INSIDE THE ATTENDANT BUILDING SERVER ROOM.
5. T-STAT ON WHEN TEMPERATURE IS BELOW 70 DEGREES.

LIGHTING CONTROL PANEL LTG-CP1 ELEMENTARY DIAGRAM (1)

SCALE: NONE

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER, R
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

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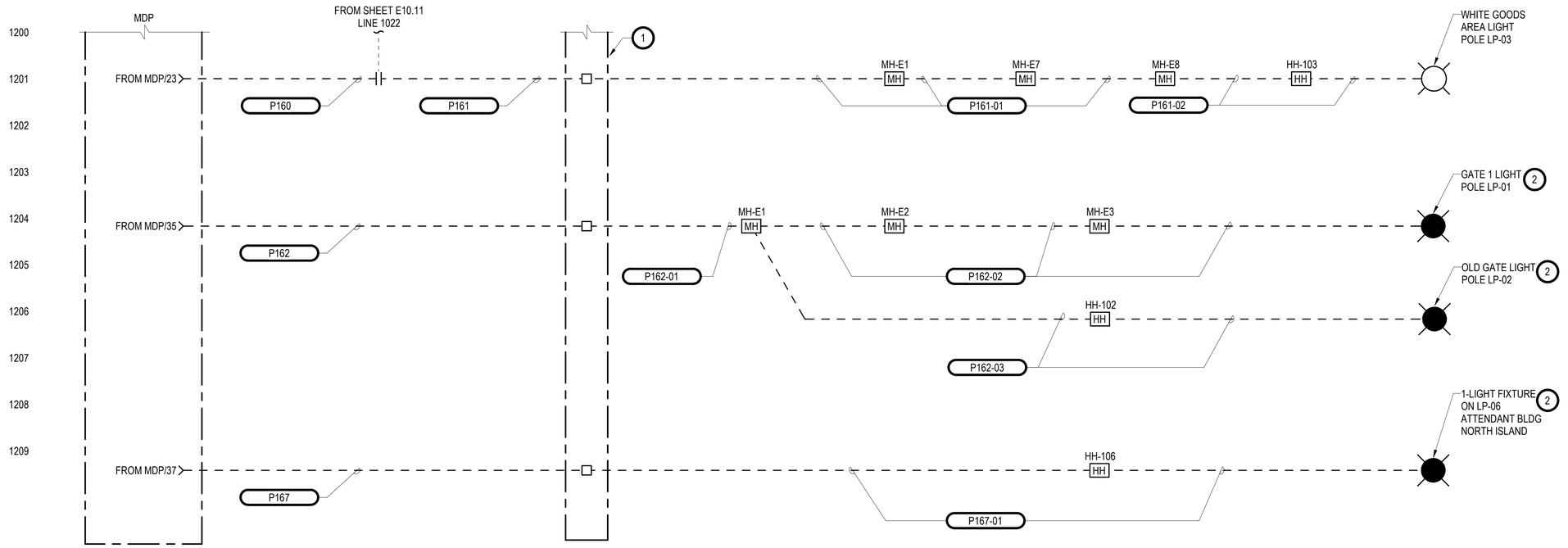
KITSAP COUNTY, WASHINGTON

ELECTRICAL SITE LIGHTING CONTROL DIAGRAM LTG-CP1

DRAWING NO.
214 OF 239
E10.11



NOTES:

1. WIRE TROUGH - TERMINAL BOX FOR LARGER CONDUCTORS TO COMPENSATE FOR LONG CIRCUIT LENGTHS.
2. LIGHT FIXTURE IS ON ALL NIGHT, NO LIGHTING CONTACTOR CONTROL. LIGHT FIXTURE HAS ITS OWN PHOTOCELL CONTROL.

LIGHTING CONTROL PANEL LTG-CP1 ELEMENTARY DIAGRAM 1

SCALE: NONE -

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
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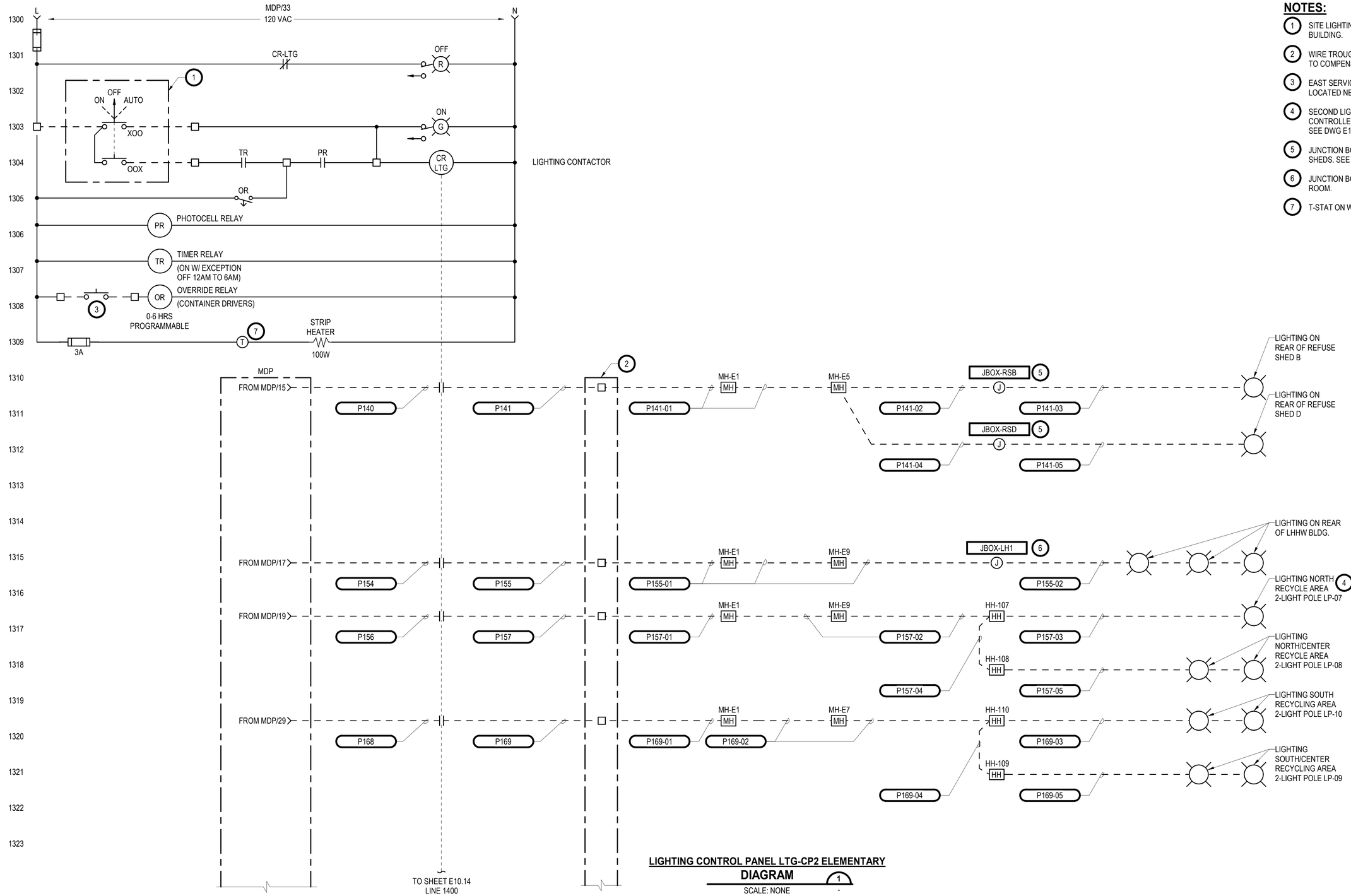
KITSAP COUNTY, WASHINGTON

ELECTRICAL SITE LIGHTING CONTROL DIAGRAM LTG-CP1

DRAWING NO.
215 OF 239
E10.12



NOTES:

1. SITE LIGHTING H-O-A SWITCH LOCATED INSIDE ATTENDANT BUILDING.
2. WIRE TROUGH - TERMINAL BOX FOR LARGER CONDUCTORS TO COMPENSATE FOR LONG CIRCUIT LENGTHS.
3. EAST SERVICE ROAD EARLY LIGHT SWITCH (PUSH BUTTON) LOCATED NEAR GATE 2 FOR CONTAINER DRIVERS.
4. SECOND LIGHT FIXTURE ON LIGHT POLE LP-07 IS NOT CONTROLLED BY THE LIGHTING CONTROL PANEL LTG-CP2. SEE DWG E10.14
5. JUNCTION BOXES ARE LOCATED INSIDE RESPECTIVE REFUSE SHEDS. SEE REFUSE SHED DRAWINGS FOR LOCATIONS.
6. JUNCTION BOX IS LOCATED INSIDE LHHW BUILDING STORAGE ROOM.
7. T-STAT ON WHEN TEMPERATURE IS BELOW 70 DEGREES.

LIGHTING CONTROL PANEL LTG-CP2 ELEMENTARY DIAGRAM (1)

SCALE: NONE -

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
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APPROVED K. HUFNAGEL

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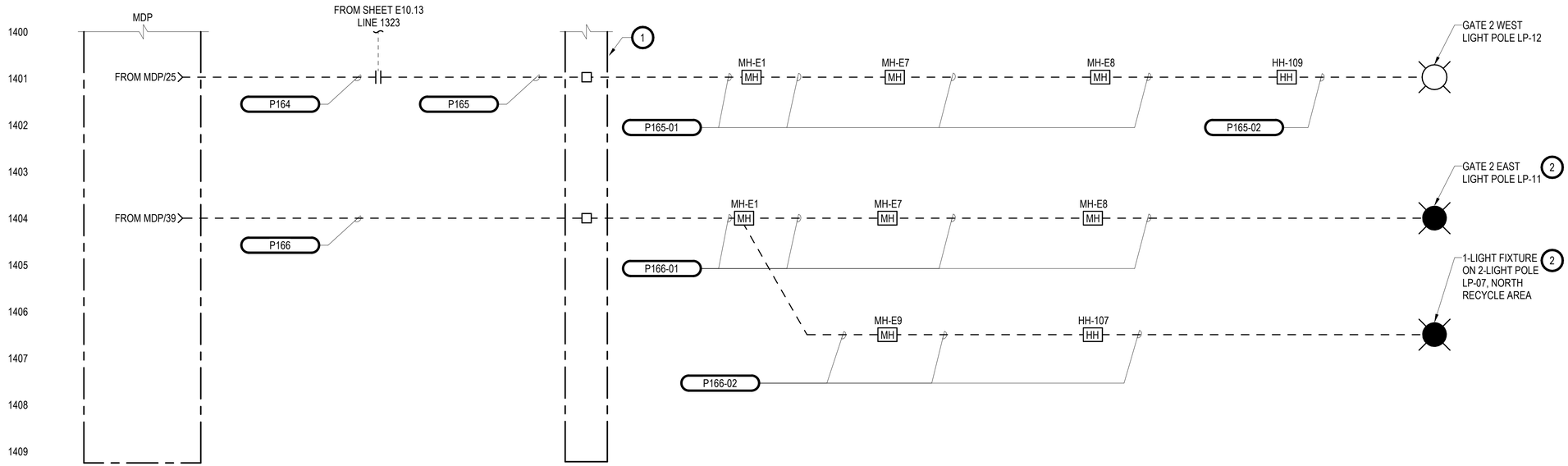
KITSAP COUNTY, WASHINGTON

ELECTRICAL SITE LIGHTING CONTROL DIAGRAM LTG-CP2

DRAWING NO. 216 OF 239
E10.13



1. WIRE TROUGH - TERMINAL BOX FOR LARGER CONDUCTORS TO COMPENSATE FOR LONG CIRCUIT LENGTHS.
2. LIGHT FIXTURE IS ON ALL NIGHT, NO LIGHTING CONTACTOR CONTROL. LIGHT FIXTURE HAS ITS OWN PHOTOCELL CONTROL.

LIGHTING CONTROL PANEL LTG-CP2 ELEMENTARY DIAGRAM (1)

SCALE: NONE

ISSUE FOR BID

	REVISIONS	DATE	BY

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KITSAP COUNTY, WASHINGTON

ELECTRICAL SITE LIGHTING CONTROL DIAGRAM LTG-CP2

DRAWING NO. 217 OF 239
E10.14

LIGHTING FIXTURE SCHEDULE

NO.	MANUFACTURER	CATALOG NUMBER	VOLTS	INPUT WATTS	LUMENS	LAMP	MOUNTING	REMARKS
L1	ORACLE LIGHTING OWS-LED	4-OWS-LED-4000L-DIM10-MVOLT-35K-85	120	37	4000	LED	CEILING MOUNT	OWS-LED 4' LENGTH, VAPOR TIGHT, 4000 LUMENS, CCT 35K, SURFACE MOUNTING, 5 YEAR WARRANTY FOR PARTS AND WARRANTY, UL LISTED, FROSTED LENS WITH CLIPS TO SECURE LENS TO HOUSING. DURABLE FIBERGLASS HOUSING, ENCLOSED AND GASKETED FIXTURE PROVIDES AIRTIGHT SEAL, KEEPING OUT CONDENSATION, HUMIDITY, DIRT, AND DUST. OR APPROVED EQUAL LIGHT FIXTURE.
L2	ORACLE LIGHTING OWS-LED	4-OWS-LED-4000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W	120	37	4000	LED	CEILING MOUNT	OWS-LED 4' LENGTH, VAPOR TIGHT, 4000 LUMENS, CCT 35K, EMERGENCY BATTERY PACK FOR 90 MINUTES AT 1000 LUMENS, SURFACE MOUNTING, 5 YEAR WARRANTY FOR PARTS AND WARRANTY, UL LISTED, FROSTED LENS WITH CLIPS TO SECURE LENS TO HOUSING. DURABLE FIBERGLASS HOUSING, ENCLOSED AND GASKETED FIXTURE PROVIDES AIRTIGHT SEAL, KEEPING OUT CONDENSATION, HUMIDITY, DIRT, AND DUST. OR APPROVED EQUAL LIGHT FIXTURE.
L3	LITECONTROL	3L-S-D-4-04-SOF-C5-35K-D080-D01-1C-UNV-W1	120	14	1600	LED	SURFACE MOUNT	3L-S-D MOD 3 LED SURFACE DIRECT, 4' LENGTH, SOFT DIFUSE LENS, CARBON BLACK FINISH, 3400K COLOR TEMPERATURE, 800 LUMENS PER FOOT, DRIVER 1% DIMMING, 0-10V, 1 CIRCUIT, UNIVERSAL VOLTAGE 120V THROUGH 277V, NO THRU WIRE, UL LISTED, 5 YEAR WARRANTY, OR APPROVED EQUAL LIGHT FIXTURE. LIGHT FIXTURE SURFACED MOUNTED SO THAT BIRDS, BATS, INSECTS DO NOT NEST BETWEEN LIGHT FIXTURE AND CEILING.
L4	LITECONTROL	3L-P-D-8-08-SOF-C2-35K-D080-D01-1C-UNV-FA2/V-EF-W1	120	69	6400	LED	PENDANT, AIRCRAFT CABLE	3L-P-D MOD 3 LED PENDANT DIRECT, 8' LENGTH, SOFT DIFFUSE LENS, TEXTURED MATTE WHITE FINISH, 3500K COLOR TEMPERATURE, 800 LUMENS PER FOOT, DRIVER 1% DIMMING, 0-10V, 1 CIRCUIT, UNIVERSAL VOLTAGE 120V THROUGH 277V, SUSPENSION KIT 87 INCHES WITH 5 INCH CANOPY COVERS, 10W EMERGENCY BATTERY PACK, NO THRU WIRE, UL LISTED, 5 YEAR WARRANTY, OR APPROVED EQUAL LIGHT FIXTURE.
L5	LITECONTROL	3L-P-D-4-04-SOF-C2-35K-D080-D01-1C-UNV-FA2/V-W1	120	34	3400	LED	PENDANT, AIRCRAFT CABLE	3L-P-D MOD 3 LED PENDANT DIRECT, 4' LENGTH, SOFT DIFFUSE LENS, TEXTURED MATTE WHITE FINISH, 3500K COLOR TEMPERATURE, 800 LUMENS PER FOOT, DRIVER 1% DIMMING, 0-10V, 1 CIRCUIT, UNIVERSAL VOLTAGE 120V THROUGH 277V, SUSPENSION KIT 87 INCHES WITH 5 INCH CANOPY COVERS., NO THRU WIRE, UL LISTED, 5 YEAR WARRANTY, OR APPROVED EQUAL LIGHT FIXTURE.
L6	ORACLE LIGHTING 22-FPLE-LED	22-FPLE-LED-4000L-DIM10-MVOLT-40K-85-0-EMG-LED-10W-22-FPL1-LED-SMK	120	42	4658	LED	SURFACE MOUNT	22-FPLE-LED FLAT PANEL, 4000 LUMENS, DRIVER 1% DIMMING 0-10V, CCT 40K, CRI 85, EMERGENCY BATTERY 10W, 2'x2' SURFACE MOUNT KIT, WHITE FINISH, 5 YEAR WARRANTY, UL LISTED, OR APPROVED EQUAL LIGHT FIXTURE.
L7	BARRON TRACE LITE	WLZ10-4-4K-BL	120	100	10385	LED	WALL MOUNT	WLZ SERIES ZERO UPLIGHT LED WALL PACK, 120V, CCT 4000K, DIE CAST ALUMINUM HOUSING, POWDER COATED BLACK, UV STABILIZED POLYCARBONATE OPTICAL LENS, TYPE IV DISTRIBUTION FOR OPTICAL LIGHT DISTRIBUTION, UL LISTED, 5 YEAR WARRANTY,OR APPROVED EQUAL LIGHT FIXTURE.
L8	ORACLE LIGHTING 24-FPL-P4-LED	24-FPL-P4-LED-4000L-DIM10-MVOLT-40K-85-0-EMG-LED-10W-24-FPL1-LED-SMK	120	37	4397	LED	SURFACE MOUNT	24-FPL-PE-LED FLAT PANEL, 4000 LUMENS, DRIVER 1% DIMMING 0-10V, CCT 40K, CRI 85, EMERGENCY BATTERY 10W, 2'x4' SURFACE MOUNT KIT, WHITE FINISH, 5 YEAR WARRANTY, UL LISTED, OR APPROVED EQUAL LIGHT FIXTURE.
L9	ORACLE LIGHTING OWS-LED	4-OWS-LED-4000L-DIM10-MVOLT-35K-85	120	37	4000	LED	CHAIN SUSPENDED	OWS-LED VAPOR TIGHT LUMINAIRE, 50"L X 6"W X 4"H, VAPOR TIGHT TO WITHSTAND EXPOSURE TO HARSH AND WET CONDITIONS, FROSTED LENS FOR SMOOTH ILLUMINATION, SUSTAINABLE FOR USE IN INDUSTRIAL APPLICATIONS, 4000 LUMENS, MULTIVOLTAGE OPERATING VOLTAGE, CCT = 35K, CRI = 85, SUSPENDED BY V-HOOK, 5 YEAR WARRANTY, UL LISTED. OR APPROVED EQUAL LIGHT FIXTURE.
L10	ORACLE LIGHTING OWS-LED	4-OWS-LED-4000L-DIM10-MVOLT-35K-85-0-EMG-LED-10W	120	37	4000	LED	CHAIN SUSPENDED	OWS-LED VAPOR TIGHT LUMINAIRE, 50"L X 6"W X 4"H, VAPOR TIGHT TO WITHSTAND EXPOSURE TO HARSH AND WET CONDITIONS, FROSTED LENS FOR SMOOTH ILLUMINATION, SUSTAINABLE FOR USE IN INDUSTRIAL APPLICATIONS, 4000 LUMENS, MULTIVOLTAGE OPERATING VOLTAGE, CCT = 35K, CRI = 85, EGRESS LIGHTING 10W DURING POWER LOADS SUSPENDED BY V-HOOK, 5 YEAR WARRANTY, UL LISTED. OR APPROVED EQUAL LIGHT FIXTURE
L11	LITHONIA TWX1 LED	TWX1 LED P1 40K MVOLT PE DBLAX	120	10	1600	LED	WALL MOUNTED	LITHONIA TWX1 LED WALL MOUNTED, DOOR LIGHTING, 1600 LUMENS, 40K COLOR TEMPERATURE, MVOLT, PHOTOCELL BUTTON TYPE, FINISH BLACK, DIE CAST ALUMINUM HOUSING, BOROSILICATE GLASS REFRACTOR LENS, UL LIOSTED, 5 YEAR WARRANTY, ASSEMBLED IN AMERICA COMPLIANCE. OR APPROVED EQUAL LIGHT FIXTURE
L12	HUBBLE BEACON VIPER SMALL	VP-MICRO STRIKE-1-160L-115-4K7-4F-UNV-K-BLT-F-BSP-3PR-SC	120	132	15000	LED	WALL MOUNTED	BEACON VIPER MICRO STRIKE SMALL SIZE 1 15,000 LUMENS, 135W, 4000K, 70CRI, TYPE 4F DISTRIBUTION, UNIVERSAL VOLTAGE, K-KNUCKLE MOUNTING WITH WALL BRACKET, BLACK MATTE TEXTURE FINISH, 3-PIN RECEPTACLE WITH SHORTING CAP, BIRD SPIKES, 5 YEAR WARRANTY, WALL MOUNTED, SPAULDING TWK-11 WALL BRACKET AND SPLICE COMPARTMENT, FINISH POWDER PAINT BLACK, FOR MOUNTING BEACON VIPER LIGHT FIXTURE WITH KNUCKLE TO BUILDING WALL. OR APPROVED EQUAL LIGHT FIXTURE.
L12A	HUBBLE BEACON VIPER SMALL	VP-MICRO STRIKE-1-160L-115-4K7-4F-UNV-K-BLT-F-BSP-3PR	120	132	15000	LED	WALL MOUNTED	BEACON VIPER MICRO STRIKE SMALL SIZE 1 15,000 LUMENS, 135W, 4000K, 70CRI, TYPE 4F DISTRIBUTION, UNIVERSAL VOLTAGE, K-KNUCKLE MOUNTING WITH WALL BRACKET, BLACK MATTE TEXTURE FINISH, 3-PIN RECEPTACLE, BIRD SPIKES, 5 YEAR WARRANTY, WALL MOUNTED, SPAULDING TWK-11 WALL BRACKET AND SPLICE COMPARTMENT, FINISH POWDER PAINT BLACK, FOR MOUNTING BEACON VIPER LIGHT FIXTURE WITH KNUCKLE TO BUILDING WALL. OR APPROVED EQUAL LIGHT FIXTURE. CONTRACTOR TO PROVIDE 3-PIN PHOTOCELL FOR LIGHT FIXTURE.
L13	LUX DYNAMICS 1K10	E-1-S-A-853-2-U10-3/20-20Y	120	39	6533	LED	CABLE SUSPENDED	LUX DYNAMICS 1K10, CABLE SUSPENDED ALUMINUM EXTRUDED FRAME, HIGH EFFICACY, 1 BAR, SINGLE CHANNEL, FIXTURE CONFIGURATION A, CRI = 80, CCT = 3500K, 2 FEET LENGTH, 120-277v, 0-10V DIMING, 10% MINIMUN, 3-WIRE CORD 20 FEET, MOUNTING Y-HANGER AC CABLE UP TO 21' LENGTH, SNAP HOOK, 5 YEAR WARRANTY, UL LISTED, OR APPROVED EQUAL LIGHT FIXTURE, CONTRACTOR TO PROVIDE BIRD SPIKES ON TOP OF LIGHT FIXTURES TO PREVENT BIRDS FROM ROOSTING, SECURE BIRD SPIKES AS SPECIFIED.
L14	HUBBLE BEACON VIPER SMALL	VP-MICRO STRIKE-1-160L-115-4K7-4F-UNV-AAU-BLT-BSP-3PR-SC	120	135	15000	LED	POLE MOUNTED	BEACON VIPER MICRO STRIKE SMALL SIZE 1 15,000 LUMENS, 135W, 4000K, 70CRI, TYPE 4F DISTRIBUTION, UNIVERSAL VOLTAGE, AAU-ADJUSTABLE ARM FOR POLE MOUNTING, BLACK MATTE TEXTURE FINISH, 3-PIN RECEPTACLE WITH SHORTING CAP, BIRD SPIKES, 5 YEAR WARRANTY, POLE MOUNTED. UL LISTED. OR APPROVED EQUAL LIGHT FIXTURE.
L14A	HUBBLE BEACON VIPER SMALL	VP-MICRO STRIKE-1-160L-115-4K7-4F-UNV-AAU-BLT-BSP-3PR	120	135	15000	LED	POLE MOUNTED	BEACON VIPER MICRO STRIKE SMALL SIZE 1 15,000 LUMENS, 135W, 4000K, 70CRI, TYPE 4F DISTRIBUTION, UNIVERSAL VOLTAGE, AAU-ADJUSTABLE ARM FOR POLE MOUNTING, BLACK MATTE TEXTURE FINISH, 3-PIN RECEPTACLE, BIRD SPIKES, 5 YEAR WARRANTY, POLE MOUNTED. UL LISTED. OR APPROVED EQUAL LIGHT FIXTURE. CONTRACTOR TO PROVIDE 3-PIN PHOTOCELL FOR LIGHT FIXTURE.
L15	ORACLE LIGHTING OWS-LED	4-OW1IP-LED-4000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W-SSL-MSPH	120	27	4000	LED	CEILING MOUNT	OWS-LED 4' LENGTH, VAPOR TIGHT, 4000 LUMENS, MULTIVOLT, CCT 35K, EMERGENCY BATTERY PACK FOR 90 MINUTES AT 1000 LUMENS, SURFACE MOUNTING, 5 YEAR WARRANTY FOR PARTS AND WARRANTY, UL LISTED, FROSTED LENS WITH CLIPS TO SECURE LENS TO HOUSING. DURABLE FIBERGLASS HOUSING, ENCLOSED AND GASKETED FIXTURE PROVIDES AIRTIGHT SEAL, KEEPING OUT CONDENSATION, HUMIDITY, DIRT, AND DUST. STAINLESS STEEL LATCHES, MOTION SENSOR WITH PHOTOCELL, ASSEMBLED IN AMERICA. OR APPROVED EQUAL LIGHT FIXTURE.
L16	ORACLE LIGHTING OWS-LED	2-OWS1IP-LED-3000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W-SSL-WLMS	120	23	3000	LED	CEILING MOUNT	OWS-LED 2' LENGTH, VAPOR TIGHT, 3000 LUMENS, CCT 35K, EMERGENCY BATTERY PACK FOR 90 MINUTES AT 1000 LUMENS, SURFACE MOUNTING, 5 YEAR WARRANTY FOR PARTS AND WARRANTY, UL LISTED, MOLDED ACRYLIC LENS TO PROTECT AGAINST IMPACT, PREVENT YELLOWING, AND MINIMIZE GLARE, LENS WITH CLIPS TO SECURE LENS TO HOUSING. DURABLE FIBERGLASS HOUSING, ENCLOSED AND GASKETED FIXTURE PROVIDES AIRTIGHT SEAL, STAINLESS STEEL LATCHES, WET LOCATION MOTION SENSOR, KEEPING OUT CONDENSATION, HUMIDITY, DIRT, AND DUST. OR APPROVED EQUAL LIGHT FIXTURE.
E1	LITHONIA LQM QUANTUM	LQM S W 3 R 120/277 EL N M6	120	0.71	N/A	LED	WALL MOUNT	LITHONIA LQM QUANTUM LED EMERGENCY EXIT WITH 90 MINUTES OF ILLUMINATION IN THE EVENT OF A POWER LOSS, RED EXIT LETTERING WITH WHITE THERMOPLASTIC IMPACT RESISTANT HOUSING, UL INDOOR LISTED, DUAL VOLTAGE 120/277V, ESTIMATED LAMP LIFE 10 YEARS, BATTERY MAINTENANCE FREE NI-CAD FOR 90 MINUTES OF EMERGENCY POWER, UNIVERSAL MOUNTING CANOPY FOR TOP OR END AND BACK MOUNT STANDARD FOR SINGLE FACE ONLY. 5 YEAR WARRANTY, OR APPROVED EQUAL LIGHT FIXTURE.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

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KITSAP COUNTY, WASHINGTON

ELECTRICAL LIGHT FIXTURE SCHEDULE

DRAWING NO. 218 OF 239
E10.15

LIGHT POLE AND BASE FOR SITE LIGHTING

P1	20' SQUARE STRAIGHT STEEL POLE - SINGLE ARM MOUNT	SSS-B-20-60-B-1-S2-BLT-MPB-VM2-UL	SINGLE ARM MOUNT	BEACON SQUARE STRAIGHT STEEL SSS-B SERIES POLE, SHAFT ONE-PIECE STRAIGHT STEEL WITH SQUARE CROSS SECTION, MINIMUM YIELD OF 46,000 PSI (ASTM-A500, GRADE B), STEEL BASE PLATE WITH AXIAL BOLT CIRCLE SLOT WELDED FLUSH TO POLE SHAFT HAVING A MINIMUM YIELD OF 36,000 PSI (ASTM A36), BASE COVER TWO PIECE SQUARE ALUMINUM BASE COVER, POLE CAP - REMOVABLE COVER, HANDHOLE RECTANGULAR 3 x 5 STEEL HANDHOLE FRAME (2.38" x 4.38" OPENING), GROUND LUG LOCATED BEHIND GASKETED COVER, FINISH DURABLE THERMOSET POLYESTER POWDER COAT PAINT FINISH WITH NOMINAL 3.0 MIL THICKNESS, POWDER PAINT PRIME APPLIED OVER "WHITE METAL" STEEL SUBSTRATE CLEANED VIA MECHANICAL SHOT BLAST METHOD, HEIGHT 20', 6" SQUARE, ONE FIXTURE , S2 - 2 BOLT (3-1/2" SPACING), VIPER "AAU" ARM, BLACK MATTE TEXTURED FINISH, MID-POLE LUMINAIRE BRACKET LOCATED 15' UP FROM BASE (HANDHOLE SIDE), 2ND MODE VIBRATION DAMPER, UL CERTIFIED. OR APPROVED EQUAL.
P2	20' SQUARE STRAIGHT STEEL POLE - TWO ARMS MOUNT AT 90 DEGREES	SSS-B-20-60-B-2L-S2-BLT-MPB-VM2-UL	TWO FIXTURES AT 90 DEGREES	BEACON SQUARE STRAIGHT STEEL SSS-B SERIES POLE, SHAFT ONE-PIECE STRAIGHT STEEL WITH SQUARE CROSS SECTION, MINIMUM YIELD OF 46,000 PSI (ASTM-A500, GRADE B), STEEL BASE PLATE WITH AXIAL BOLT CIRCLE SLOT WELDED FLUSH TO POLE SHAFT HAVING A MINIMUM YIELD OF 36,000 PSI (ASTM A36), BASE COVER TWO PIECE SQUARE ALUMINUM BASE COVER, POLE CAP - REMOVABLE COVER, HANDHOLE RECTANGULAR 3 x 5 STEEL HANDHOLE FRAME (2.38" x 4.38" OPENING), GROUND LUG LOCATED BEHIND GASKETED COVER, FINISH DURABLE THERMOSET POLYESTER POWDER COAT PAINT FINISH WITH NOMINAL 3.0 MIL THICKNESS, POWDER PAINT PRIME APPLIED OVER "WHITE METAL" STEEL SUBSTRATE CLEANED VIA MECHANICAL SHOT BLAST METHOD, HEIGHT 20', 6" SQUARE, TWO FIXTURES AT 90o MOUNT, S2 - 2 BOLT (3-1/2" SPACING), VIPER "AAU" ARM, BLACK MATTE TEXTURED FINISH, MID-POLE LUMINAIRE BRACKET LOCATED 15' UP FROM BASE (HANDHOLE SIDE), 2ND MODE VIBRATION DAMPER, UL CERTIFIED. OR APPROVED EQUAL.
P2A	20' SQUARE STRAIGHT STEEL POLE - TWO ARMS MOUNT AT 180 DEGREES	SSS-B-20-60-B-2-S2-BLT-MPB-VM2-UL	TWO FIXTURES AT 180 DEGREES	BEACON SQUARE STRAIGHT STEEL SSS-B SERIES POLE, SHAFT ONE-PIECE STRAIGHT STEEL WITH SQUARE CROSS SECTION, MINIMUM YIELD OF 46,000 PSI (ASTM-A500, GRADE B), STEEL BASE PLATE WITH AXIAL BOLT CIRCLE SLOT WELDED FLUSH TO POLE SHAFT HAVING A MINIMUM YIELD OF 36,000 PSI (ASTM A36), BASE COVER TWO PIECE SQUARE ALUMINUM BASE COVER, POLE CAP - REMOVABLE COVER, HANDHOLE RECTANGULAR 3 x 5 STEEL HANDHOLE FRAME (2.38" x 4.38" OPENING), GROUND LUG LOCATED BEHIND GASKETED COVER, FINISH DURABLE THERMOSET POLYESTER POWDER COAT PAINT FINISH WITH NOMINAL 3.0 MIL THICKNESS, POWDER PAINT PRIME APPLIED OVER "WHITE METAL" STEEL SUBSTRATE CLEANED VIA MECHANICAL SHOT BLAST METHOD, HEIGHT 20', 6" SQUARE, TWO FIXTURES AT 180o MOUNT, S2 - 2 BOLT (3-1/2" SPACING), VIPER "AAU" ARM, BLACK MATTE TEXTURED FINISH, MID-POLE LUMINAIRE BRACKET LOCATED 15' UP FROM BASE (HANDHOLE SIDE), 2ND MODE VIBRATION DAMPER, UL CERTIFIED. OR APPROVED EQUAL.
P3	20' SQUARE STRAIGHT STEEL POLE - THREE ARMS MOUNT AT 90 DEGREES	SSS-B-20-60-B-3T-S2-BLT-MPB-VM2-UL	THREE FIXTURES AT 90 DEGREES	BEACON SQUARE STRAIGHT STEEL SSS-B SERIES POLE, SHAFT ONE-PIECE STRAIGHT STEEL WITH SQUARE CROSS SECTION, MINIMUM YIELD OF 46,000 PSI (ASTM-A500, GRADE B), STEEL BASE PLATE WITH AXIAL BOLT CIRCLE SLOT WELDED FLUSH TO POLE SHAFT HAVING A MINIMUM YIELD OF 36,000 PSI (ASTM A36), BASE COVER TWO PIECE SQUARE ALUMINUM BASE COVER, POLE CAP - REMOVABLE COVER, HANDHOLE RECTANGULAR 3 x 5 STEEL HANDHOLE FRAME (2.38" x 4.38" OPENING), GROUND LUG LOCATED BEHIND GASKETED COVER, FINISH DURABLE THERMOSET POLYESTER POWDER COAT PAINT FINISH WITH NOMINAL 3.0 MIL THICKNESS, POWDER PAINT PRIME APPLIED OVER "WHITE METAL" STEEL SUBSTRATE CLEANED VIA MECHANICAL SHOT BLAST METHOD, HEIGHT 20', 6" SQUARE, THREE FIXTURES AT 90o MOUNT, S2 - 2 BOLT (3-1/2" SPACING), VIPER "AAU" ARM, BLACK MATTE TEXTURED FINISH, MID-POLE LUMINAIRE BRACKET LOCATED 15' UP FROM BASE (HANDHOLE SIDE), 2ND MODE VIBRATION DAMPER, UL CERTIFIED. OR APPROVED EQUAL.
P4	20' SQUARE STRAIGHT STEEL POLE - FOUR ARMS MOUNT AT 90 DEGREES	SSS-B-20-60-B-4-S2-BLT-MPB-VM2-UL	FOUR FIXTURES AT 90 DEGREES	BEACON SQUARE STRAIGHT STEEL SSS-B SERIES POLE, SHAFT ONE-PIECE STRAIGHT STEEL WITH SQUARE CROSS SECTION, MINIMUM YIELD OF 46,000 PSI (ASTM-A500, GRADE B), STEEL BASE PLATE WITH AXIAL BOLT CIRCLE SLOT WELDED FLUSH TO POLE SHAFT HAVING A MINIMUM YIELD OF 36,000 PSI (ASTM A36), BASE COVER TWO PIECE SQUARE ALUMINUM BASE COVER, POLE CAP - REMOVABLE COVER, HANDHOLE RECTANGULAR 3 x 5 STEEL HANDHOLE FRAME (2.38" x 4.38" OPENING), GROUND LUG LOCATED BEHIND GASKETED COVER, FINISH DURABLE THERMOSET POLYESTER POWDER COAT PAINT FINISH WITH NOMINAL 3.0 MIL THICKNESS, POWDER PAINT PRIME APPLIED OVER "WHITE METAL" STEEL SUBSTRATE CLEANED VIA MECHANICAL SHOT BLAST METHOD, HEIGHT 20', 6" SQUARE, FOUR FIXTURES AT 90o MOUNT, S2 - 2 BOLT (3-1/2" SPACING), VIPER "AAU" ARM, BLACK MATTE TEXTURED FINISH, MID-POLE LUMINAIRE BRACKET LOCATED 15' UP FROM BASE (HANDHOLE SIDE), 2ND MODE VIBRATION DAMPER, UL CERTIFIED. OR APPROVED EQUAL.
	PRE-CAST LIGHT POLE BASE	OMNI FOUNDATION 24"x7'	6' BURIAL BELOW GRADE AND 1' EXPOSED ABOVE GRADE	OLDCASTLE INFRASTRUCTURE. OMNI FOUNDATION, 24 INCH DIAMETER X 7' LENGTH, REINFORCING STEEL IN PRE-CAST CONCRETE FOUNDATION, CONCRETE 5500 PSI, UNIVERSAL CONNECTION FACILITES BOLT PATTERN DIAMETERS FROM 7.5" TO 11", PRE-PACKAGE 1" BOLTS, NUTS, AND WASHER ASSEMBLE, ANTI ROTATION CAVITIES, EASY ACCESS TO ENCASED PVC CONDUITS, GROUNDING WIRE BONDED TO ENCASED REINFORCING STEEL AND EXTEND 8" FROM THE TOP SURFACE OF PRE-CAST FOR POLE GROUNDING, 3/4" BOLT PACKAGE (SHIPPED LOOSE) INCLUDES; QTY 4: 1" DIA X 6" SQUARE HEAD BOLT. QTY 12: 1" DIA HEAVY HEX NUT, 1" HARDENED WASHER (2"0.C). OR APPROVED EQUAL. EACH PRECAST LIGHT POLE BASE SHALL HAVE TWO CONDUITS FROM MANHOLE OR HANDHOLE (ONE FOR POWER AND ONE FOR COMMUNCATIONS).

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
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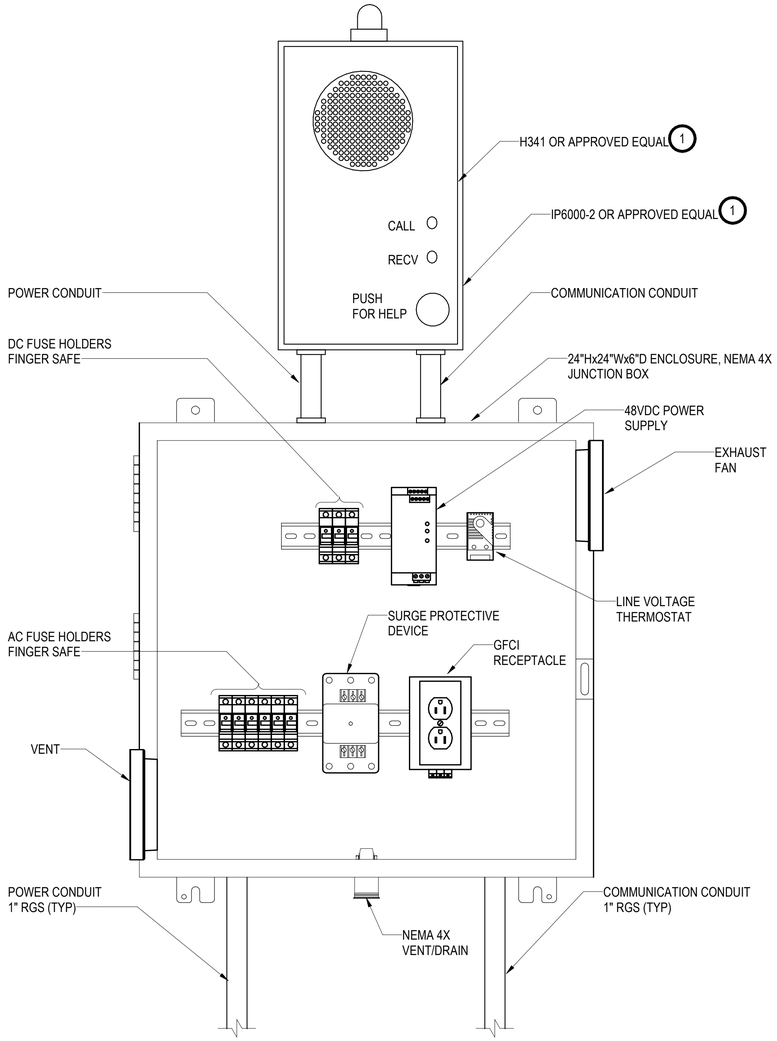
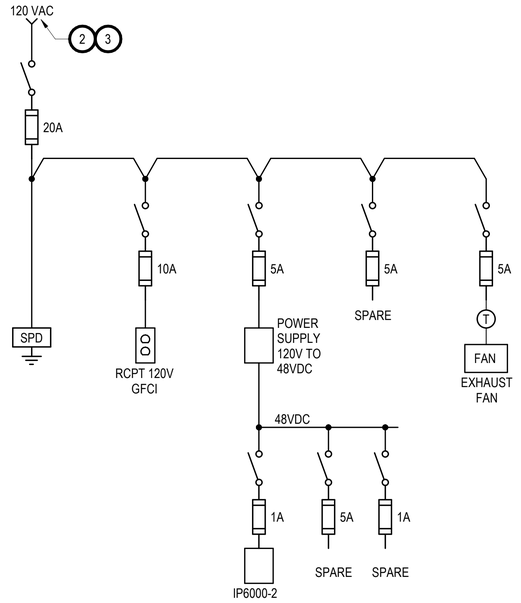
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL LIGHT POLE AND BASE SCHEDULE

DRAWING NO.
219 OF 239
E10.16



REMOTE ATTENDANT CALL STATION
DETAIL (TYP)
SCALE: NONE



REMOTE CALL STATION JUNCTION BOX INTERNAL POWER DISTRIBUTION
DIAGRAM (TYP)
SCALE: NONE

NOTES:

1. WIRE IP6000-2 AND H341 PER MANUFACTURER'S WIRING DIAGRAMS. SEE SECTION 28 15 23.
2. WARMING STATION REMOTE CALL STATION IS POWERED FROM PBD-WS1 CKT 7.
3. LHHW BUILDING REMOTE CALL STATION IS POWERED FROM PBD-LH1 CKT 11.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

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FILE NAME PMX_E_R20_NEW.rvt
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL REMOTE ATTENDANT CALL STATION BLOCK DIAGRAM

DRAWING NO. 220 OF 239
E10.17

CONDUIT AND CABLE SCHEDULE

v2.0

NUMBER	CONDUIT QTY & SIZE	CONDUIT TYPE	WIRE FILL	WIRE TYPE	FROM	TO	VIA	REMARKS
P100	(1) 4"	PVC / RGS	PULL STRING, PSE PROVIDED CABLE		PSE POLE DICKEY RD NW	PSE PAD MOUNTED TRANSFORMER		PROVIDE CONDUIT PER PSE ELECTRIC SERVICE HANDBOOK, PSE TO INSPECT CONDUIT PRIOR TO COVERING, PSE PROVIDED PRIMARY CABLE. PROVIDE THREADED PLUGS AT EACH END IN THE SPARE CONDUIT. PROVIDE BELLENDS FOR PSE'S USE ON MEDIUM VOLTAGE CABLE CONDUIT.
P100A	(1) 4" SPARE	PVC / RGS	PULL STRING		PSE POLE DICKEY RD NW	PSE PAD MOUNTED TRANSFORMER		PROVIDE CONDUIT PER PSE ELECTRIC SERVICE HANDBOOK, PSE TO INSPECT CONDUIT PRIOR TO COVERING, PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C100	(1)3"	PVC / RGS	PULL STRING & INNERDUCT		LUMEN COMM PEDESTAL, DICKEY RD NW	4'x8' PLYWOOD BOARD SERVER ROOM		RGS WHERE CONDUIT IS EXPOSED, STUBUP CONDUIT 2' AFF AT PLYWOOD. ID CONDUIT "COMMUNICATIONS."
C100A	(1)3"	PVC / RGS	PULL STRING & INNERDUCT		FENCE LINE AT DICKEY RD NW	4'x8' PLYWOOD BOARD SERVER ROOM		SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED, PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT. STUBUP CONDUIT 2' AFF AT PLYWOOOD. SPARE CONDUIT STOPS AT FENCE LINE. ID CONDUIT "COMMUNICATIONS."
C100B	(1)3"	PVC / RGS	PULL STRING & INNERDUCT		POLE AT DICKEY RD NW (EAST OF OLD GATE)	MH-C1		ALTERNATE COMMUNICATION CONDUIT, RGS WHERE CONDUIT IS EXPOSED. PROVIDE THREADED PLUGS AT BOTH END OF CONDUIT. MAINTAIN SEPARATION FROM POWER CONDUIT PER PSE ELECTRIC SERVICE HANDBOOK. ID CONDUIT "COMMUNICATIONS."
C100C	(1).3"	PVC / RGS	PULL STRING & INNERDUCT		MH-C1	4'x8' PLYWOOD BOARD SERVER ROOM		SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED, PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT. STUBUP CONDUIT 2' AFF AT PLYWOOD. SPARE CONDUIT STOPS AT FENCE LINE.
P101	(2) 3"	PVC / RGS	(2) #250 KCMIL, (1) #250 KCMIL NEU.	XHHW-2	PSE PAD MOUNTED TRANSFORMER	METER-CT-1 ENCLOSURE		RGS WHERE CONDUIT IS EXPOSED
P102	(2) 3"	PVC / RGS	(2) #250 KCMIL, (1) #250 KCMIL NEU, (1)#2/0 G	XHHW-2	METER-CT-1 ENCLOSURE	SE-DISC		RGS WHERE CONDUIT IS EXPOSED
P102A	(1) 2"	RGS	PULL STRING		METER-CT-1 ENCLOSURE	METER-1 METERBASE/SOCKET		PSE TO PROVIDE CT WIRING TO METER BASE / SOCKET
P102B	(1) 1.5"	PVC	(1) #2/0 GROUND ELECTRODE CONDUCTOR	BARE CU	SE-DISC	GROUND ELECTRODE SYSTEM		MAIN BONDING JUMP LOCATED IN SERVICE ENTRANCE DISONNECT (SE-DISC).
P103	(2) 3"	PVC / RGS	(2) #250 KCMIL, (1) #250 KCMIL NEU, (1)#2/0 G	XHHW-2	SE-DISC	ATS-1		RGS WHERE CONDUIT IS EXPOSED
C103	(1) 1"	PVC / RGS	(16) #14, (1) #14 G	XHHW-2	GEN-1	ATS-1		FOR ATS CONTROLS TO GENERATOR. COIL AND STOW SPARE WIRING.
C103A	(1) 1"	PVC / RGS	PULL STRING		GEN-1	SRV-1, SEE DRAWING FOR LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
P104	(2) 3"	PVC / RGS	(2) #250 KCMIL, (1) #250 KCMIL NEU, (1)#2/0 G	XHHW-2	GEN-1	ATS-1		RGS WHERE CONDUIT IS EXPOSED
C104	(1)1"	PVC / RGS	PULL STRING		ATS-1	SRV-1, SEE DRAWING FOR LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
P105	(2) 3"	PVC / RGS	(2) #250 KCMIL, (1) #250 KCMIL NEU, (1)#2/0 G	XHHW-2	ATS-1	MDP		RGS WHERE CONDUIT IS EXPOSED
C105	(1)1"	PVC/RGS	(12)#14, (1)#14G	XHHW-2	LTG-CP1	LTG-HS (ATTENDANT BLDG)	LTG-CP2	CONTROL WIRING FOR LTG-HS LOCATED IN ATTENDANT BUILDING TO LIGHTING CONTROL PANELS. COIL AND STOW SPARE WIRING.
P140	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	LTG-CP2		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b), REFUSE SHED EXTERIOR LIGHTING, RGS WHERE CONDUIT IS EXPOSED.
P141	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	LTG-CP2	WIRE TROUGH		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b), REFUSE SHED EXTERIOR LIGHTING, RGS WHERE CONDUIT IS EXPOSED.

CONDUIT AND CABLE SCHEDULE

v2.0

NUMBER	CONDUIT QTY & SIZE	CONDUIT TYPE	WIRE FILL	WIRE TYPE	FROM	TO	VIA	REMARKS
P141-01	(1)2"	PVC/RGS	(1)#3, (1)#3NEU, (1)#3G	XHHW-2	WIRE TROUGH	MH-E5	MH-E1	LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING FOR REFUSE SHEDS
P141-02	(1)2"	PVC/RGS	(1)#3, (1)#3NEU, (1)#3G	XHHW-2	MH-E5	JBOX-RSB		SPLICE INTO P141-01 IN MANHOLE, LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, RGS WHERE CONDUIT IS EXPOSED, SITE LIGHTING FOR REFUSE SHED
P141-03	(1)1"	PVC/RGS	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	JBOX-RSB	EXTERIOR LIGHTING REFUSE SHED B		
P141-04	(1)2"	PVC/RGS	(1)#3, (1)#3NEU, (1)#3G	XHHW-2	MH-E5	JBOX-RSD		SPLICE INTO P141-01 IN MANHOLE, LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, RGS WHERE CONDUIT IS EXPOSED, SITE LIGHTING FOR REFUSE SHED
P141-05	(1)1"	PVC/RGS	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	JBOX-RSD	EXTERIOR LIGHTING REFUSE SHED D		
P150	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	LTG-CP1		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b), SITE LTG LP-13, LP-14, AND LP-15
P151	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	LTG-CP1	WIRE TROUGH		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b), SITE LTG LP-13, LP-14, AND LP-15
P151-01	(1)3"	PVC/RGS	(1)#4, (1)#4NEU, (1)#4G	XHHW-2	WIRE TROUGH	MH-E5	MH-E1,	LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING, RGS WHERE CONDUIT IS EXPOSED, SITE LTG LP-13, LP-14, AND LP-15
P151-02	(1)1"	PVC	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	MH-E5	LP-13	HH-113	SPLICE IN MH-E5 TO P151-01, LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING, SITE LTG
P151-03	(1)1"	PVC	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	MH-E5	LP-14	HH-114	SPLICE IN MH-E5 TO P151-01, LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING, SITE LTG
P151-04	(1)1"	PVC/RGS	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	MH-E5	LP-15	HH-115	SPLICE IN MH-E5 TO P151-01, LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING, SITE LTG, RGS WHERE CONDUIT IS EXPOSED.
C151-01	(1)3"	PVC	PULL STRING		COMM-WS1	MH-C5		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C151-02	(1)1"	PVC	PULL STRING		MH-C5	HH-115		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C151-03	(1)1"	PVC/RGS	PULL STRING		HH-115	LP-15		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C151-04	(1)1"	PVC	PULL STRING		MH-C5	HH-114		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C151-05	(1)1"	PVC/RGS	PULL STRING		HH-114	LP=14		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C151-06	(1)1"	PVC	PULL STRING		MH-C5	HH-113		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C151-07	(1)1"	PVC/RGS	PULL STRING		HH-113	LP-13		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
P152	(1)3"	PVC/RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	LTG-CP1		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b), ATTENDANT BUILDING EXTERIOR LIGHTING, RGS WHERE CONDUIT IS EXPOSED.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

KITSAP COUNTY DEPT. OF PUBLIC WORKS
614 DIVISION STREET MS-26
PORT ORCHARD, WA 98366
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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL CONDUIT AND CABLE SCHEDULE 1

DRAWING NO. 221 OF 239
E10.20

CONDUIT AND CABLE SCHEDULE

v2.0

NUMBER	CONDUIT QTY & SIZE	CONDUIT TYPE	WIRE FILL	WIRE TYPE	FROM	TO	VIA	REMARKS
P153	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	LTG-CP1	WIRE TROUGH		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b), ATTENDANT BUILDING EXTERIOR LIGHTING, RGS WHERE CONDUIT IS EXPOSED.
P153-01	(1)1"	PVC/RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	WIRE TROUGH	JBOX-AB2		ATTENDANT BUILDING EXTERIOR LIGHTING. JBOX-AB2 IS LOCATED IN THE ATTENDANT BLDG SERVER ROOM. RGS WHERE CONDUIT IS EXPOSED.
P153-02	(1)1"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	JBOX-AB2	BLDG EXTERIOR LIGHTING		EXTERIOR LIGTING WEST AND NORTH SIDES
P153-03	(1)1"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	JBOX-AB2	BLDG EXTERIOR LIGHTING		EXTERIOR LIGTING EAST SIDE
P154	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	LTG-CP2		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b)
P155	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	LTG-CP2	WIRE TROUGH		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b)
P155-01	(1)1"	PVC/RGS	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	WIRE TROUGH	JBOX-LH1	MH-E1, MH-E9	LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, RGS WHERE CONDUIT IS EXPOSED, SITE LIGHTING FOR REAR OF LHHW BLDG.
P155-02	(1)1"	PVC/RGS	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	JBOX-LH1	EXTERIOR LIGHTING ON REAR OF LHHW		SPLICE TO SP155-01 IN JBOX-LH1. LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, RGS WHERE CONDUIT IS EXPOSED, SITE LIGHTING REAR OF LHHW BLDG.
P156	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	LTG-CP2		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b)
P157	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	LTG-CP2	WIRE TROUGH		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b)
P157-01	(1)1"	PVC/RGS	(1)#6, (1)#6NEU, (1)#6G	XHHW-2	WIRE TROUGH	MH-E1		LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, RGS WHERE CONDUIT IS EXPOSED, SITE LIGHTING RECYCLE AREA.
P157-02	(1)1"	PVC	(1)#6, (1)#6NEU, (1)#6G	XHHW-2	MH-E1	HH-107	MH-E9	SPLICE TO SP157-01 IN MH-E1. LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, RGS WHERE CONDUIT IS EXPOSED, SITE LIGHTING RECYCLE AREA.
P157-03	(1)1"	PVC	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	HH-107	LP-07		SPLICE TO SP157-02 IN HH-107. SITE LIGHTING RECYCLE AREA.
P157-04	(1)1"	PVC	(1)#6, (1)#6NEU, (1)#6G	XHHW-2	HH-107	HH-108		SPLICE TO SP157-02 IN HH-107. SITE LIGHTING RECYCLE AREA.
P157-05	(1)1"	PVC	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	HH-108	LP-08		SPLICE TO SP157-04 IN HH-108. SITE LIGHTING RECYCLE AREA.
C157	(1)3"	PVC/RGS	PULL STRING		SRV-1, SEE DRAWING FOR LOCATION	MH-C1		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C157-01	(1)2"	PVC	PULL STRING		MH-C1	MH-C7		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C157-02	(1)2"	PVC	PULL STRING		MH-C7	HH-110		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C157-03	(1)1"	PVC/RGS	PULL STRING		HH-110	LP-10		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C157-04	(1)1"	PVC	PULL STRING		HH-110	HH-109		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C157-05	(1)1"	PVC/RGS	PULL STRING		HH-109	LP-09		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C157-06	(1)3"	PVC	PULL STRING		MH-C7	MH-C9		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C157-07	(1)2"	PVC	PULL STRING		MH-C9	HH-107		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C157-08	(1)1"	PVC/RGS	PULL STRING		HH-107	LP-07		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C157-09	(1)1"	PVC	PULL STRING		HH-107	HH-108		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT.
C157-10	(1)1"	PVC/RGS	PULL STRING		HH-108	LP-08		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
P158	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	LTG-CP1		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b)
P159	(1)3"	PVC/RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	LTG-CP1	WIRE TROUGH		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b), RGS WHERE CONDUIT IS EXPOSED.
P159-01	(1)1"	PVC/RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	WIRE TROUGH	LP-06	HH-106	SPLICE TO WIRE P159, SITE LIGHTING LP-06, RGS WHERE CONDUIT IS EXPOSED.
P159-02	(1)1"	PVC/RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	WIRE TROUGH	LP-05	HH-105	SPLICE TO WIRE P159, SITE LIGHTING LP-05, RGS WHERE CONDUIT IS EXPOSED.
C159-01	(1)2"	PVC/RGS	PULL STRING		SRV-1, SEE DRAWING FOR LOCATION	HH-106		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
C159-02	(1)1"	PVC/RGS	PULL STRING		HH-106	LP-06		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
C159-03	(1)2"	PVC/RGS	PULL STRING		SRV-1, SEE DRAWING FOR LOCATION	HH-105		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
C159-04	(1)1"	PVC/RGS	PULL STRING		HH-105	LP-05		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P160	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	LTG-CP1		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b)
P161	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	LTG-CP1	WIRE TROUGH		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b)
P161-01	(1)1"	PVC/RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	WIRE TROUGH	MH-E8	MH-E1, MH-E7	SITE LIGHTING FOR WHITE GOODS AREA. RGS WHERE CONDUIT IS EXPOSED.
P161-02	(1)1"	PVC/RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MH-E8	LP-03	HH-103	SITE LIGHTING FOR WHITE GOODS AREA. RGS WHERE CONDUIT IS EXPOSED.
P162	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	WIRE TROUGH		CONDUIT MAYBE SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b), FOR LIGHTING LP-01 AND LP-02
P162-01	(1)1"	PVC/RGS	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	WIRE TROUGH	MH-E1		LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING FOR GATE 1 AND OLD GATE
P162-02	(1)1"	PVC	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	MH-E1	LP-01	MH-E2, MH-E3	SPLICE WITH P162-01 IN MH-E1, LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING AT GATE 1
P162-03	(1)1"	PVC	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	MH-E1	LP-02	HH-102	SPLICE WITH P162-01 IN MH-E1, LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING AT OLD GATE
P162-04	(1)1"	PVC	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	HOT BOX RECEPTACLE	JBOX-AB1, MH-E1, HH-102	PULL CONDUCTORS IN SAME CONDUIT FROM MH-E1 TO HH-102 AS P162-03.

ISSUE FOR BID

REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL CONDUIT AND CABLE SCHEDULE 2

DRAWING NO.
222 OF 239
E10.21

CONDUIT AND CABLE SCHEDULE

v2.0

NUMBER	CONDUIT QTY & SIZE	CONDUIT TYPE	WIRE FILL	WIRE TYPE	FROM	TO	VIA	REMARKS
C162	(1)3"	PVC/RGS	PULL STRING & INNERDUCT		SRV-1, SEE DRAWING FOR LOCATION	MH-C1		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C162-01	(1)2"	PVC	PULL STRING & INNERDUCT		MH-C1	MH-C3	MH-C2	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT
C162-02	(1)1"	PVC/RGS	PULL STRING		MH-C2	LP-01		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C162-03	(1)1"	PVC	PULL STRING		MH-C3	HH-C3A		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT
C162-04	(1)1"	PVC	PULL STRING		MH-C1	HH-102		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT
C162-05	(1)1"	PVC/RGS	PULL STRING		HH-102	LP-02		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
P163	(1)1"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	WIRE TROUGH		
P163-01	(1)1"	PVC/RGS	(1)#10, (1)#10NEU, (1)#10G	XHHW-2	WIRE TROUGH	MH-E8	MH-E1, MH-E7	SPLICE TO P163 IN WIRE TROUGH, LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING FOR GATE 2, RGS WHERE EXPOSED
P163-02	(1)1"	PVC/RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MH-E8	LP-11		SPLICE TO P163-01 IN MH-E8, SITE LIGHTING FOR GATE 2, RGS WHERE EXPOSED
P163-03	(1)1"	PVC/RGS	(4)#12, (1)#12G	XHHW-2	LTG-CP2	WIRE TROUGH		LTG-HSG2 CONTROL WIRING BETWEEN MOMENTARY PUSH BUTTON AND LTG-CP2, COIL AND STOW SPARE WIRING.
P163-04	(1)1"	PVC/RGS	(4)#12, (1)#12G	XHHW-2	WIRE TROUGH	JBOX-G2	MH-E1, MH-E7, MH-E8	LTG-HSG2 CONTROL WIRING BETWEEN MOMENTARY PUSH BUTTON AND LTG-CP2
P163-05	(1)1"	PVC/RGS	(4)#12, (1)#12G	XHHW-2	JBOX-G2	LTG-HSG2		LTG-HSG2 CONTROL WIRING BETWEEN MOMENTARY PUSH BUTTON AND LTG-CP2, COIL AND STOW SPARE WIRING.
C163	(1)3"	PVC/RGS	PULL STRING & INNERDUCT		SRV-1, SEE DRAWING FOR LOCATION	MH-C1		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C163-01	(1)2"	PVC	PULL STRING & INNERDUCT		MH-C1	MH-C8	MH-C7	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT
C163-02	(1)1"	PVC/RGS	PULL STRING		MH-C8	LP-11		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C163-03	(1)1"	PVC/RGS	PULL STRING		MH-C8	LP-03	HH-103	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C163-04	(1)1"	PVC	PULL STRING		MH-C8	HH-112		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT
C163-05	(1)1"	PVC/RGS	PULL STRING		HH-112	LP-12		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
P164	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	LTG-CP2		CONDUIT IS SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b)
P165	(1)3"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	LTG-CP2	WIRE TROUGH		CONDUIT IS SHARED WITH MULTIPLE BRANCH CIRCUITS IF CONDUIT LENGTH IS COMPLIANT WITH NEC 310.15(C)(1)(b)
P165-01	(1)1"	PVC/RGS	(1)#8, (1)#8NEU, (1)#8G	XHHW-2	WIRE TROUGH	HH-112	MH-E1, MH-E7, MH-E8	SPLICE WITH P165 IN WIRE TROUGH, LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, SITE LIGHTING FOR GATE 2, RGS WHERE EXPOSED
P165-02	(1)1"	PVC/RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	HH-112	LP-12		SPLICE WITH P165-01 IN HH 109, SITE LIGHTING FOR GATE 2, RGS WHERE EXPOSED
P166	(1)1"	PVC	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	ATS-1		BRANCH CIRCUIT FOR ATS STRIP HEATER.
P167	(1)1"	PVC	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	PSE AMR/AMI REPEATER ENCLOSURE RECEPT		120V RECEPTACLE.
P168	(1)1"	RGS	(1)#12, (1)#12NEU, (1)#12G	XHHW-2	MDP	LTG-CP2		
P169	(1)1"	PVC	(1)#12, (1)#12NEU, (1)#12G		LTG-CP2	WIRE TROUGH		
P169-01	(1)1"	PVC	(1)#6, (1)#6NEU, (1)#6G		WIRE TROUGH	MH-E1		LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP, RGS WHERE CONDUIT IS EXPOSED

CONDUIT AND CABLE SCHEDULE

v2.0

NUMBER	CONDUIT QTY & SIZE	CONDUIT TYPE	WIRE FILL	WIRE TYPE	FROM	TO	VIA	REMARKS
P169-02	(1)1"	PVC	(1)#6, (1)#6NEU, (1)#6G		MH-E1	HH-110	MH-E7	LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP
P169-03	(1)1"	PVC	(1)#12, (1)#12NEU, (1)#12G		HH-110	LP-10		
P169-04	(1)1"	PVC	(1)#6, (1)#6NEU, (1)#6G		HH-110	HH-109		LARGER CONDUCTOR DUE TO LONG CIRCUIT LENGTH VOLTAGE DROP
P169-05	(1)1"	PVC	(1)#12, (1)#12NEU, (1)#12G		HH-109	LP-09		
P201	(1) 3"	PVC / RGS	(2) #4/0, (1) #4/0 NEU, (1) #4 G	XHHW-2	MDP	PBD-AB1		RGS WHERE EXPOSED
P202	(1) 2"	PVC / RGS	PULL STRING		MDP	STUB-UP BELOW PBD-AB1		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
P203	(1) 2"	PVC / RGS	PULL STRING		JBOX-AB1	STUB UP BELOW PBD-AB1		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C201	(1) 1"	PVC / RGS	(16)#14, (1)#14 G	XHHW-2	HS-LCP (ATTENDANT BUILDING)	LTG-CP2 (EQUIPMENT RACK)	WIRE TROUGH, LTG-CP1 (EQUIPMENT RACK)	SEE LIGHTING CONTROL PANEL WIRING DIAGRAM, COIL AND STOW SPARE WIRING, CONDUIT AND WIRING PASS THRU WIRING TROUGH, RGS WHERE CONDUIT IS EXPOSED.
C202	(1) 1"	PVC / RGS	PULL STRING		STUB-UP CONDUIT 4'x8' PLYWOOD BOARD SERVER ROOM	STUB-UP BELOW METER-1 (EQUIPMENT RACK)		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C203	(1) 1"	PVC / RGS	PULL STRING		STUB-UP CONDUIT 4'x8' PLYWOOD BOARD SERVER ROOM	STUB-UP ADJACENT TO ATS-1 (EQUIPMENT RACK)		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C204(A)	(1) 1"	PVC / RGS	PULL STRING		STUB-UP SERVER ROOM, SEE DRAWING FOR LOCATION	WEST OUTBOUND SCALE AREA UNDERGROUND, SEE DRAWING FOR LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C204(B)	(1)1"	PVC / RGS	PULL STRING		STUB-UP SERVER ROOM, SEE DRAWING FOR LOCATION	WEST OUTBOUND SCALE AREA UNDERGROUND, SEE DRAWING FOR LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C205	(1) 3"	PVC / RGS	PULL STRING		STUB-UP SERVER ROOM, SEE DRAWING FOR LOCATION	WEST OUTBOUND SCALE AREA UNDERGROUND, SEE DRAWING FOR LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C206(A)	(1) 1"	PVC / RGS	PULL STRING		STUB-UP SERVER ROOM, SEE DRAWING FOR LOCATION	EAST INBOUND SCALE AREA UNDERGROUND, SEE DRAWING FOR LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C206(B)	(1) 1"		PULL STRING		STUB-UP SERVER ROOM, SEE DRAWING FOR LOCATION	EAST INBOUND SCALE AREA UNDERGROUND, SEE DRAWING FOR LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C207	(1) 3"	PVC / RGS	PULL STRING		STUB-UP SERVER ROOM, SEE DRAWING FOR LOCATION	EAST INBOUND SCALE AREA UNDERGROUND, SEE DRAWING FOR LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
C208	(1) 2"	PVC / RGS	PULL STRING & INNERDUCT		STUB-UP SERVER ROOM, SEE DRAWING FOR LOCATION	JBOX-AB1		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE CONDUIT IS EXPOSED.
P211	(1)1"C	PVC/RGS	(2)#8,(1)#8N, (1)#10G	XHHW-2	PBD-AB1	HPIU-1 (OUTDOOR)	OUTDOOR DISCONNECT SWITCH	POWER INDOOR UNIT THRU OUTDOOR UNIT.
P213	(1)1"C	PVC/RGS	(2)#8,(1)#8N, (1)#10G	XHHW-2	PBD-AB1	ACCU-1 (OUTDOOR)	OUTDOOR DISCONNECT SWITCH	POWER INDOOR UNIT THRU OUTDOOR UNIT.
P214	(1)1"C	EMT	(2)#10, (1)#10G	XHHW-2	PBD-AB1	WH-1	INDOOR DISCONNECT SWITCH	
P216	(1)1"C	EMT	(2)#8, (1)#10G	XHHW-2	PBD-AB1	DH-1	INDOOR DISCONNECT SWITCH	
P301	(1) 2"	PVC / RGS	(2) #2/0, (1) #2/0 NEU, (1) #4 G	XHHW-2	MDP	PBD-LH1	JBOX-AB1	LARGER CONDUCTORS FOR LONG CIRCUIT LENGTH VOLTAGE DROP. USE JBOX-AB1 AND INSULATED CONNECTORS TO ACCOMMODATE DIFFERENT WIRE SIZES. RGS WHERE EXPOSED.
P302	(1) 2"	PVC / RGS	PULL STRING		MDP	STUB-UP BELOW PBD-LH1	JBOX-AB1	PROVIDE THREADED PLUGS (BOTH ENDS) FOR SPARE CONDUIT
P303	(1)1"	PVC / RGS	PULL STRING		PBD-LH1	LHHW BLDG, SEE DRAWING FOR STUB-UP LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) FOR SPARE CONDUIT
P304	(1)1"	PVC / RGS	PULL STRING		PBD-LH1	LHHW BLDG, SEE DRAWING FOR STUB-UP LOCATION		PROVIDE THREADED PLUGS (BOTH ENDS) FOR SPARE CONDUIT

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL CONDUIT AND CABLE SCHEDULE 3

DRAWING NO. 223 OF 239
E10.22

CONDUIT AND CABLE SCHEDULE

v2.0

NUMBER	CONDUIT QTY & SIZE	CONDUIT TYPE	WIRE FILL	WIRE TYPE	FROM	TO	VIA	REMARKS
P305	(1)1"	PVC/RGS	(2)#8, (1)#10G	XHHW-2	PBD-LH1	WH-2		
C301	(1) 2"	PVC / RGS	(2)CAT6	CAT6	MCS-JB1 ETHERNET EXTENDED JBOX	(ACS-7) REMOTE ATTENDANT CALL STATION LHHW BLDG	MH-C1, MH-C9	RGS WHERE EXPOSED, PROVIDE INNERDUCT
C302	(1) 2"	PVC / RGS	PULL STRING & INNERDUCT		SERVER ROOM, ATTENDANT BLDG, SEE DRAWING FOR LOCATION	STORAGE ROOM, LHHW BLDG SEE DRAWING FOR STUB-UP LOCATION	MH-C1, MH-C9	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
C303	(1)3"	PVC / RGS	PULL STRING & INNERDUCT		MCS-JB1 ETHERNET EXTENDED JBOX	MH-C1		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P401	(1) 3"	RGS	(2) #4/0, (1) #4/0 NEU, (1) #4/0G	XHHW-2	MDP	JBOX-AB1		LARGER CONDUCTORS FOR LONG CIRCUIT LENGTH VOLTAGE DROP. RGS WHERE EXPOSED
P402	(1) 3"	PVC/RGS	(2) #500 KCMIL, (1) #500 KCMIL NEU, (1) #500G	XHHW-2	JBOX-AB1	JBOX-WS1	MH-E1, MH-E5	SPLICE TO P401 AT JBOX-AB1 LARGER CONDUCTORS FOR LONG CIRCUIT LENGTH VOLTAGE DROP. RGS WHERE EXPOSED
P403	(1) 3"	PVC/RGS	(2) #4/0, (1) #4/0 NEU, (1) #4/0G	XHHW-2	JBOX-WS1	PBD-WS1		LARGER CONDUCTORS FOR LONG CIRCUIT LENGTH VOLTAGE DROP. RGS WHERE EXPOSED
P404	(1) 3"	PVC/RGS	PULL STRING		JBOX-AB1	JBOX-WS1		PROVIDE THREADED PLUGS (BOTH ENDS OF CONDUIT) IN SPARE CONDUIT.
P405	(1)1"	PVC/RGS	PULL STRING		PBD-WS1	OPERATOR WARMING STATION, SEE DRAWING FOR LOCATOIN	JBOX-WS1	PROVIDE THREADED PLUGS (BOTH ENDS OF CONDUIT) IN SPARE CONDUIT.
P406	(1)1"	PVC/RGS	PULL STRING		PBD-WS1	OPERATOR WARMING STATION, SEE DRAWING FOR LOCATOIN	JBOX-WS1	PROVIDE THREADED PLUGS (BOTH ENDS OF CONDUIT) IN SPARE CONDUIT.
C401	(1) 2"	PVC / RGS	(2)CAT6	CAT6	MCS-JB1 ETHERNET EXTENDED JBOX	(ACS-2) REMOTE ATTENDANT CALL STATION OPERATOR WARMING STATION	MH-C1, MH-C5	RGS WHERE EXPOSED, PROVIDE INNERDUCT
C402	(2) 3"	PVC / RGS	PULL STRING & INNERDUCT		SERVER ROOM, ATTENDANT BLDG, SEE DRAWING FOR LOCATION	COMM-WS1, OPERATOR WARMING STATION	MH-C1, MH-C5	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
C403	(1) 1"	PVC / RGS	PULL STRING		COMM-WS1, OPERATOR WARMING STATION	OPERATOR WARMING STATION, SEE DRAWING FOR LOCATOIN		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
C404	(1) 1"	PVC / RGS	PULL STRING		COMM-WS1, OPERATOR WARMING STATION	OPERATOR WARMING STATION, SEE DRAWING FOR LOCATOIN		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
C405	(1) 1"	PVC / RGS	PULL STRING		COMM-WS1, OPERATOR WARMING STATION	OPERATOR WARMING STATION, SEE DRAWING FOR LOCATOIN		PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P501	(1)1"	PVC/RGS	(2)#8, (1)#8 NEU, (1)#8 G	XHHW-2	PBD-WS1	PBD-RSA	JBOX-WS1, MH-E5	RGS WHERE EXPOSED
C501	(1)1"	PVC/RGS	PULL STRING		COMM-WS1	REFUSE SHED A	MH-C5	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P502	(1)1"	PVC/RGS	PULL STRING		PBD-WS1	STUB UP BELOW PBD-RSA	JBOX-WS1, MH-E5	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P511	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSA	LTG, EXTERIOR, REAR OF BLDG		
P512	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSA	LTG, INTERIOR	LIGHT SWITCH	
P513	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSA	RECEPTS, INTERIOR		
P514	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSA	RECEPT, EXTERIOR		
P601	(1)1"	PVC/RGS	(2)#8, (1)#8 NEU, (1)#8 G	XHHW-2	PBD-WS1	PBD-RSB	JBOX-WS1, MH-E5	RGS WHERE EXPOSED
C601	(1)1"	PVC/RGS	PULL STRING		COMM-WS1	REFUSE SHED B	MH-C5	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P602	(1)1"	PVC/RGS	PULL STRING		PBD-WS1	STUB UP BELOW PBD-RSB	JBOX-WS1, MH-E5	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P611	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSB	LTG, INTERIOR	LIGHT SWITCH	
P612	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSB	RECEPTS, INTERIOR		
P613	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSB	RECEPT, EXTERIOR		
P701	(1)1"	PVC/RGS	(2)#8, (1)#8 NEU, (1)#8 G	XHHW-2	PBD-WS1	PBD-RSC	JBOX-WS1, MH-E5	RGS WHERE EXPOSED

CONDUIT AND CABLE SCHEDULE

v2.0

NUMBER	CONDUIT QTY & SIZE	CONDUIT TYPE	WIRE FILL	WIRE TYPE	FROM	TO	VIA	REMARKS
C701	(1)1"	PVC/RGS	PULL STRING		COMM-WS1	REFUSE SHED C	MH-C5	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P702	(1)1"	PVC/RGS	PULL STRING		PBD-WS1	STUB UP BELOW PBD-RSC	JBOX-WS1, MH-E5	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P711	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSC	EXTERIOR LTG, REAR BLDG		
P712	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSC	LTG, INTERIOR	LIGHT SWITCH	
P713	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSC	RECEPTS, INTERIOR		
P714	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSC	RECEPT, EXTERIOR		
P801	(1)1"	PVC/RGS	(2)#8, (1)#8 NEU, (1)#8 G	XHHW-2	PBD-WS1	PBD-RSD	JBOX-WS1, MH-E5	RGS WHERE EXPOSED
C801	(1)1"	PVC/RGS	PULL STRING		COMM-WS1	REFUSE SHED D	MH-C5	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P802	(1)1"	PVC/RGS	PULL STRING		PBD-WS1	STUB UP BELOW PBD-RSD	JBOX-WS1, MH-E5	PROVIDE THREADED PLUGS (BOTH ENDS) IN SPARE CONDUIT, RGS WHERE EXPOSED
P803	(1)1"	PVC/RGS	(1)#10, (1)#10 NEU, (1)#10 G	XHHW-2	PBD-RSD	MAINTENANCE SHED DISCONNECT SWITCH		RGS WHERE EXPOSED, INTERIOR MAINTENANCE SHED CONDUIT WILL BE ROUTED AS 1" RGS. SEE DWG C40.03 FOR UNDERGROUND STORM DRAIN UTILITIY SAME AREA.
P812	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSD	LTG, INTERIOR	LIGHT SWITCH	
P813	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSD	RECEPTS, INTERIOR		
P814	(1)1"	RGS	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-RSD	RECEPT, EXTERIOR		
P901	(1)1"	EMT	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-AB1	GAS DETECTOR / CONTROLLER	TOGGLE SWITCH	PROVIDE TOGGLE DISCONNECT SWITCH ADJACENT TO GAS DETECTOR / CONTROLLER, SEE DWG M10.05.
P902	(1)1"	EMT	(1)#12, (1)#12 NEU, (1)#12 G	XHHW-2	PBD-AB1	RELAY CONTROL PANEL	TOGGLE SWITCH	PROVIDE TOGGLE DISCONNECT SWITCH ADJACENT TO RELAY CONTROL PANEL, SEE DWG M10.05.
P903	(1)1"	EMT	(4)#12, (4)#12 NEU, (4)#12 G	XHHW-2	RELAY CONTROL PANEL	GAS DETECTOR / CONTROLLER		COIL AND STOW SPARE WIRING, SEE DWG M10.05.
P904	(1)1"	EMT	(2)#12, (2)#12 NEU, (2)#12 G	XHHW-2	RELAY CONTROL PANEL	HIGH AND LOW ALERT RED WARNNG WALL LIGHTS	CONDUIT BODY, TYPE T. OR JUNCTION BOX.	TO PROVIDE POWER TO WARNING WALL MOUNTED LIGHTS.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB NO. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
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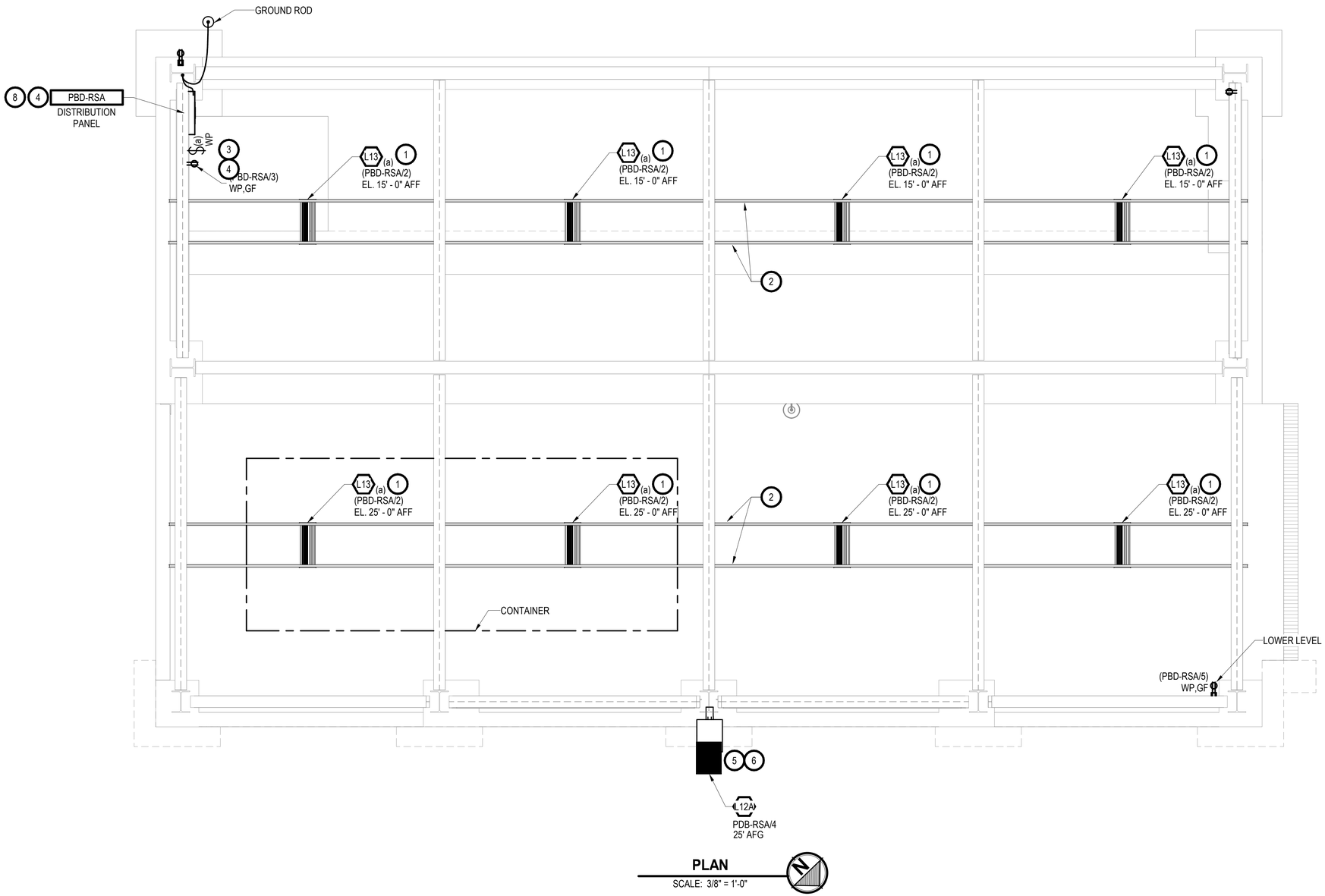
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL CONDUIT AND CABLE SCHEDULE 4

DRAWING NO.
224 OF 239
E10.23



PLAN

SCALE: 3/8" = 1'-0"

NOTES:

1. MOUNTING HEIGHT FOR INTERIOR LIGHT FIXTURES IS 15' FROM TILTING FLOOR FOR LIGHT FIXTURES ABOVE TILTING FLOOR. MOUNTING HEIGHT FOR EXTERIOR LIGHT FIXTURES AT THE REAR OF THE REFUSE SHED ARE 25' ABOVE THE ROAD.
2. PROVIDE GALVANIZED STEEL FRAMING CHANNEL TO SUPPORT THE REFUSE SHED INTERIOR LIGHT FIXTURES. ATTACH THE FRAMING CHANNEL TO THE REFUSE SHED OVERHEAD STEEL STRUCTURE. ATTACH THE LIGHT FIXTURE TO THE GALVANIZED FRAMING CHANNELS WITH AIRCRAFT CABLE PER THE LIGHT FIXTURE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. PROVIDE PLACARD FOR LIGHT SWITCH READING "INTERIOR LIGHT FIXTURES ONLY".
4. PROVIDE FRAMING CHANNEL AND POST BASE FOR MOUNTING PANELBOARD, JUNCTION BOX, RECEPTACLE, AND LIGHT SWITCH. SECURE TOP OF FRAMING CHANNEL TO STEEL STRUCTURE OF REFUSE SHED. ANCHOR THE FRAMING CHANNEL POST BASE TO THE CURB (PREFERRED) OR NEAR THE CURB TO KEEP ENCLOSURES NEAR THE WALL OF THE REFUSE SHED.
5. SEE STRUCTURAL DRAWING FOR STEEL STRUCTURE TO BE USED TO SUPPORT EXTERIOR LIGHT FIXTURE ASSEMBLY. PROVIDE GROMMET (I.E. CATERPILLAR STYLE GROMMET) TO PROTECT WIRING THROUGH THE STEEL STRUCTURE OPENING. SECURE CATERPILLAR GROMMET TO STEEL OPENING USING AN RTV CLEAR SILICONE ADHESIVE SEALANT TO BOND GROMMET TO STEEL.
6. LIGHT FIXTURE IS FED BY NON-SWITCHED BRANCHED CIRCUIT AND FIXTURE PHOTOCELL WILL TURN ON LIGHT FIXTURE ALL NIGHT.
7. SEE CONDUIT AND CABLE SCHEDULE FOR WIRING REQUIREMENTS.
8. PROVIDE GROUND ROD AND BOND TO PANELBOARD PBD-RSA FEEDER EQUIPMENT GROUND CONDUCTOR PER NEC 250.32. BOND TO BUILDING STEEL STRUCTURAL COLUMN. USE #6 COPPER CONDUCTOR FOR BONDING.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

KITSAP COUNTY
DEPT. OF PUBLIC WORKS
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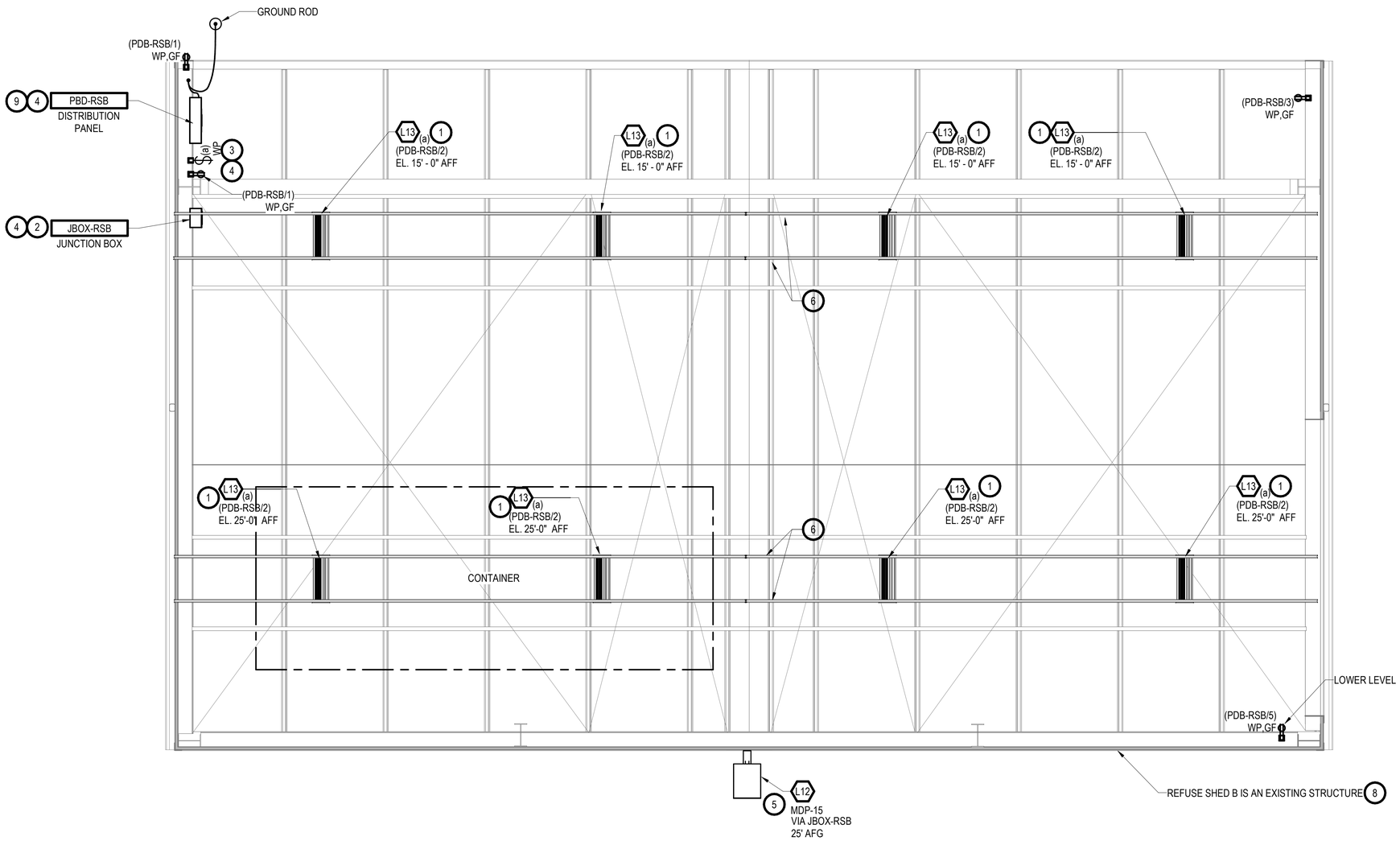
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED A POWER PLAN

DRAWING NO.
225 OF 239
E20.01



PLAN
SCALE: 3/8" = 1'-0"

DEMOLITION NOTES:

D1. CONTRACTOR SHALL REMOVE ALL EXISTING EXTERIOR AND INTERIOR LIGHT FIXTURES. DEMO EXISTING EXPOSED CONDUIT AND WIRING BACK TO BACK TO SOURCE. WHERE CONDUITS ARE CONCEALED (ROUTED UNDERGROUND), CUT CONDUIT FLUSH WITH GRADE AND SEAL ABANDON CONDUITS WITH DURA-LINE HYDRA-SEAL S-60 OR APPROVED EQUAL.

NOTES:

1. MOUNTING HEIGHT FOR INTERIOR LIGHT FIXTURES IS 15' FROM TILTING FLOOR FOR LIGHT FIXTURES ABOVE TILTING FLOOR. MOUNTING HEIGHT FOR EXTERIOR LIGHT FIXTURES AT THE REAR OF THE REFUSE SHED ARE 25' ABOVE THE ROAD.
2. JBOX-RSB IS FOR THE EXTERIOR LIGHTING CONTROLLED FROM LIGHTING CONTROL PANEL LTG-CP2 LOCATED AT THE ELECTRICAL EQUIPMENT RACK SOUTH OF THE ATTENDANT BUILDING.
3. PROVIDE PLACARD FOR LIGHT SWITCH READING "INTERIOR LIGHT FIXTURES ONLY".
4. PROVIDE FRAMING CHANNEL AND POST BASE FOR MOUNTING PANELBOARD, JUNCTION BOX, RECEPTACLE, AND LIGHT SWITCH. SECURE TOP OF FRAMING CHANNEL TO STEEL STRUCTURE OF REFUSE SHED. ANCHOR THE FRAMING CHANNEL POST BASE TO THE CURB (PREFERRED) OR NEAR THE CURB TO KEEP ENCLOSURES NEAR THE WALL OF THE REFUSE SHED.
5. SEE STRUCTURAL DRAWING FOR STEEL STRUCTURE TO BE USED TO SUPPORT EXTERIOR LIGHT FIXTURE ASSEMBLY. PROVIDE GROMMET (I.E. CATERPILLAR STYLE GROMMET) TO PROTECT WIRING THROUGH THE STEEL STRUCTURE OPENING. secure CATERPILLAR GROMMET TO STEEL OPENING USING AN RTV CLEAR SILICONE ADHESIVE SEALANT TO BOND GROMMET TO STEEL.
6. PROVIDE GALVANIZED STEEL FRAMING CHANNEL TO SUPPORT THE REFUSE SHED INTERIOR LIGHT FIXTURES. ATTACH THE FRAMING CHANNEL TO THE REFUSE SHED OVERHEAD STEEL STRUCTURE. ATTACH THE LIGHT FIXTURE TO THE GALVANIZED FRAMING CHANNELS WITH AIRCRAFT CABLE PER THE LIGHT FIXTURE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
7. SEE CONDUIT AND CABLE SCHEDULE FOR WIRING REQUIREMENTS.
8. REFUSE SHED B IS AN EXISTING STRUCTURE. CONTRACTOR SHALL FIELD INSPECT PRIOR TO BIDDING TO VERIFY EXISTING STEEL STRUCTURE AND NEW SUPPORT STEEL NEEDED FOR ELECTRICAL EQUIPMENT, DEVICES, AND LIGHTING INSTALLATIONS.
9. PROVIDE GROUND ROD AND BOND TO PANELBOARD PBD-RSB FEEDER EQUIPMENT GROUND CONDUCTOR PER NEC 250.32. BOND TO BUILDING STEEL STRUCTURAL COLUMN. USE #6 COPPER CONDUCTOR FOR BONDING.
10. FIELD LOCATE CEILING LIGHT FIXTURES SO NOT TO INTERFERE WITH THE EXISTING CEILING DIAGONAL SEISMIC BRACING CABLES.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

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JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

KITSAP COUNTY
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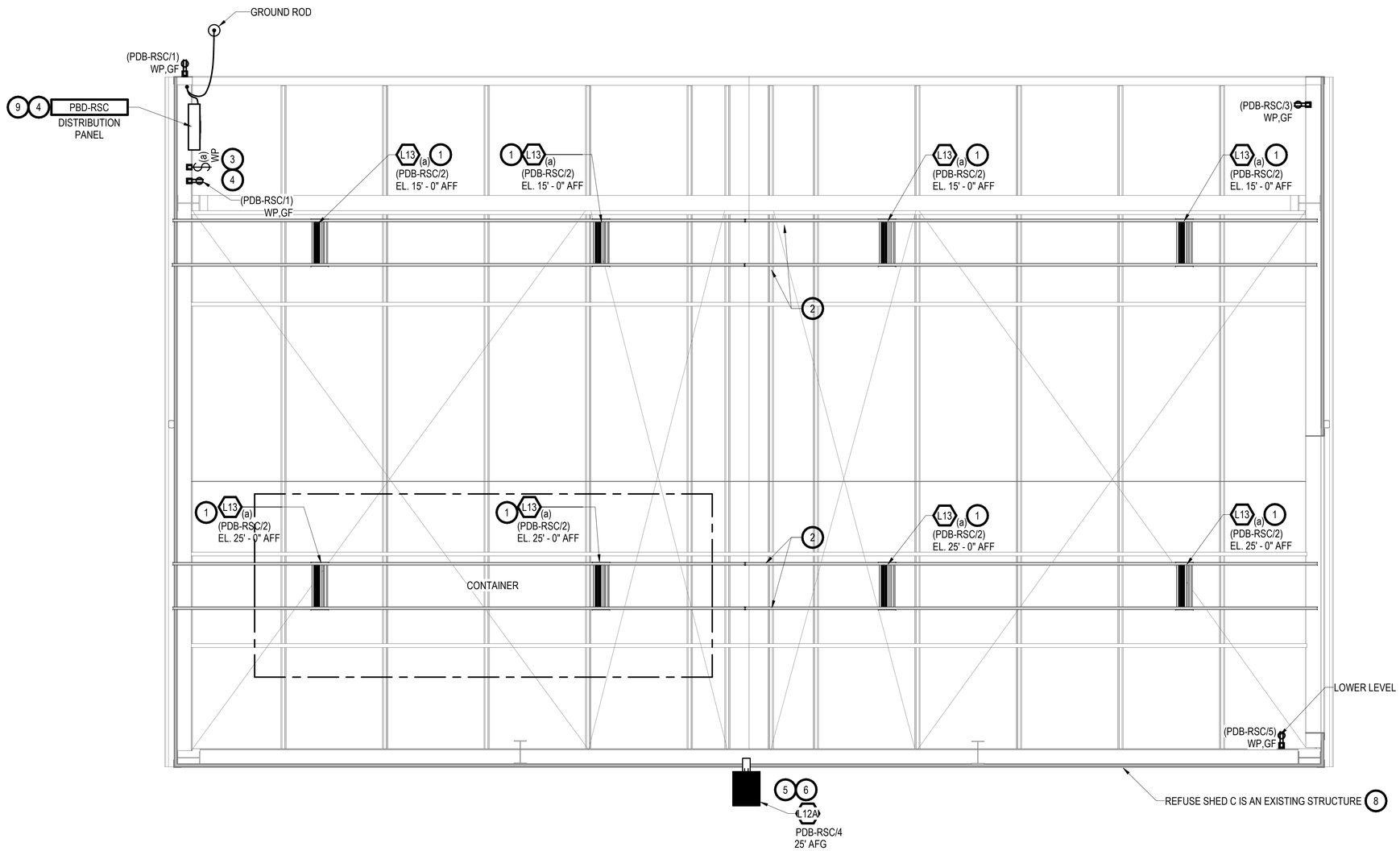
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED B POWER PLAN

DRAWING NO.
226 OF 239
E20.02



PLAN
SCALE: 3/8" = 1'-0"

DEMOLITION NOTES:

D1. CONTRACTOR SHALL REMOVE ALL EXISTING EXTERIOR AND INTERIOR LIGHT FIXTURES. DEMO EXISTING EXPOSED CONDUIT AND WIRING BACK TO BACK TO SOURCE. WHERE CONDUITS ARE CONCEALED (ROUTED UNDERGROUND), CUT CONDUIT FLUSH WITH GRADE AND SEAL ABANDON CONDUITS WITH DURA-LINE HYDRA-SEAL S-60 OR APPROVED EQUAL.

NOTES:

1. MOUNTING HEIGHT FOR INTERIOR LIGHT FIXTURES IS 15' FROM TILTING FLOOR FOR LIGHT FIXTURES ABOVE TILTING FLOOR. MOUNTING HEIGHT FOR EXTERIOR LIGHT FIXTURES AT THE REAR OF THE REFUSE SHED ARE 25' ABOVE THE ROAD.
2. PROVIDE GALVANIZED STEEL FRAMING CHANNEL TO SUPPORT THE REFUSE SHED INTERIOR LIGHT FIXTURES. ATTACH THE FRAMING CHANNEL TO THE REFUSE SHED OVERHEAD STEEL STRUCTURE. ATTACH THE LIGHT FIXTURE TO THE GALVANIZED FRAMING CHANNELS WITH AIRCRAFT CABLE PER THE LIGHT FIXTURE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. PROVIDE PLACARD FOR LIGHT SWITCH READING "INTERIOR LIGHT FIXTURES ONLY".
4. PROVIDE FRAMING CHANNEL AND POST BASE FOR MOUNTING PANELBOARD, JUNCTION BOX, RECEPTACLE, AND LIGHT SWITCH. SECURE TOP OF FRAMING CHANNEL TO STEEL STRUCTURE OF REFUSE SHED. ANCHOR THE FRAMING CHANNEL POST BASE TO THE CURB (PREFERRED) OR NEAR THE CURB TO KEEP ENCLOSURES NEAR THE WALL OF THE REFUSE SHED.
5. SEE STRUCTURAL DRAWING FOR STEEL STRUCTURE TO BE USED TO SUPPORT EXTERIOR LIGHT FIXTURE ASSEMBLY. PROVIDE GROMMET (I.E. CATERPILLAR STYLE GROMMET) TO PROTECT WIRING THROUGH THE STEEL STRUCTURE OPENING. SECURE CATERPILLAR GROMMET TO STEEL OPENING USING AN RTV CLEAR SILICONE ADHESIVE SEALANT TO BOND GROMMET TO STEEL.
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10. FIELD LOCATE CEILING LIGHT FIXTURES SO NOT TO INTERFERE WITH THE EXISTING CEILING DIAGONAL SEISMIC BRACING CABLES.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
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APPROVED K. HUFNAGEL

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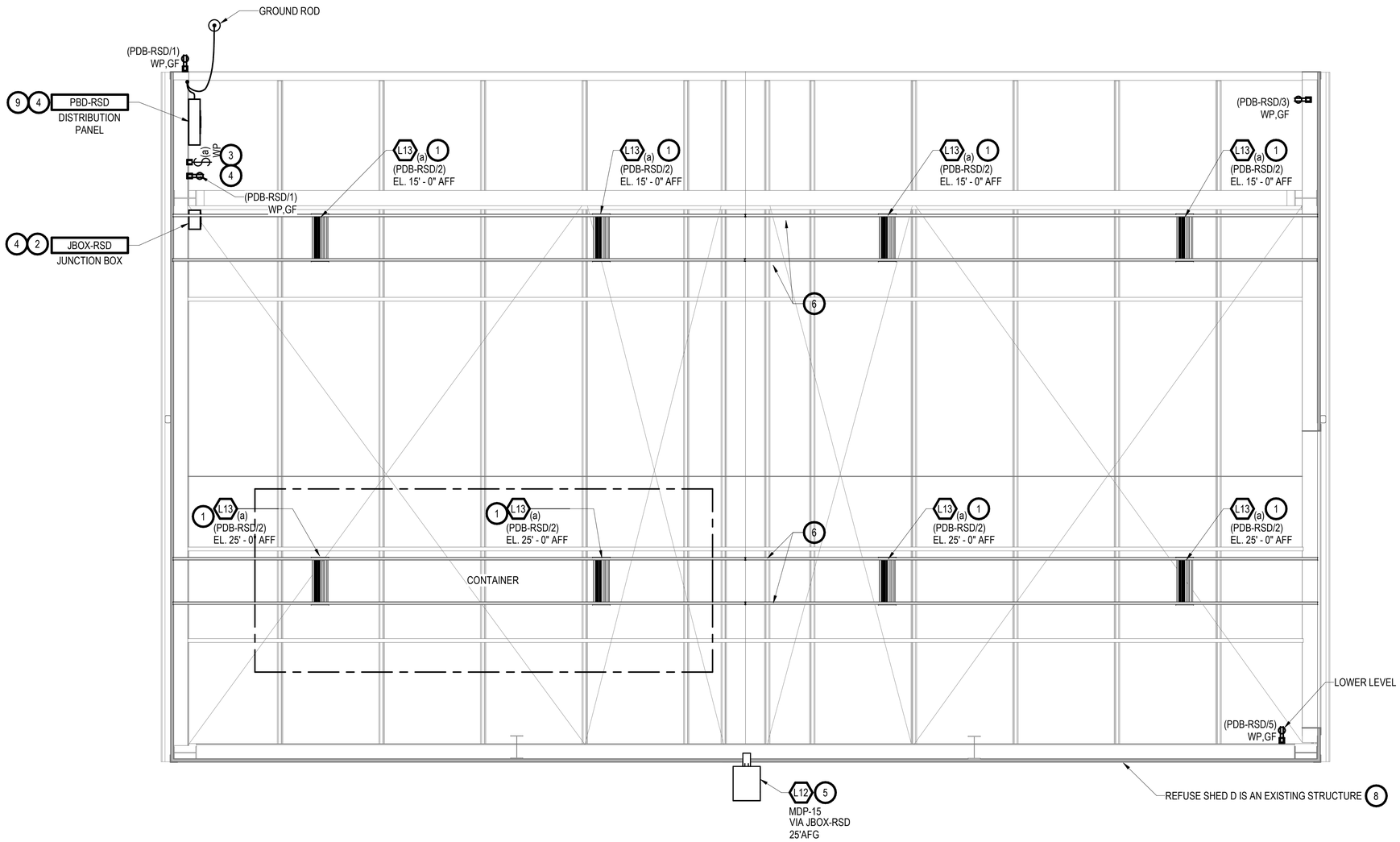
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED C POWER PLAN

DRAWING NO. 227 OF 239
E20.03



PLAN
SCALE: 3/8" = 1'-0"

DEMOLITION NOTES:

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3. PROVIDE PLACARD FOR LIGHT SWITCH READING "INTERIOR LIGHT FIXTURES ONLY".
4. PROVIDE FRAMING CHANNEL AND POST BASE FOR MOUNTING PANELBOARD, JUNCTION BOX, RECEPTACLE, AND LIGHT SWITCH. SECURE TOP OF FRAMING CHANNEL TO STEEL STRUCTURE OF REFUSE SHED. ANCHOR THE FRAMING CHANNEL POST BASE TO THE CURB (PREFERRED) OR NEAR THE CURB TO KEEP ENCLOSURES NEAR THE WALL OF THE REFUSE SHED.
5. SEE STRUCTURAL DRAWING FOR STEEL STRUCTURE TO BE USED TO SUPPORT EXTERIOR LIGHT FIXTURE ASSEMBLY. PROVIDE GROMMET (I.E. CATERPILLAR STYLE GROMMET) TO PROTECT WIRING THROUGH THE STEEL STRUCTURE OPENING. secure CATERPILLAR GROMMET TO STEEL OPENING USING AN RTV CLEAR SILICONE ADHESIVE SEALANT TO BOND GROMMET TO STEEL.
6. PROVIDE GALVANIZED STEEL FRAMING CHANNEL TO SUPPORT THE REFUSE SHED INTERIOR LIGHT FIXTURES. ATTACH THE FRAMING CHANNEL TO THE REFUSE SHED OVERHEAD STEEL STRUCTURE. ATTACH THE LIGHT FIXTURE TO THE GALVANIZED FRAMING CHANNELS WITH AIRCRAFT CABLE PER THE LIGHT FIXTURE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
7. SEE CONDUIT AND CABLE SCHEDULE FOR WIRING REQUIREMENTS.
8. REFUSE SHED D IS AN EXISTING STRUCTURE. CONTRACTOR SHALL FIELD INSPECT PRIOR TO BIDDING TO VERIFY EXISTING STEEL STRUCTURE AND NEW SUPPORT STEEL NEEDED FOR ELECTRICAL EQUIPMENT, DEVICES, AND LIGHTING INSTALLATIONS.
9. PROVIDE GROUND ROD AND BOND TO PANELBOARD PBD-RSD FEEDER EQUIPMENT GROUND CONDUCTOR PER NEC 250.32. BOND TO BUILDING STEEL STRUCTURAL COLUMN. USE #6 COPPER CONDUCTOR FOR BONDING.
10. FIELD LOCATE CEILING LIGHT FIXTURES SO NOT TO INTERFERE WITH THE EXISTING CEILING DIAGONAL SEISMIC BRACING CABLES.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME PMX_E_R20_NEW.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41496 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

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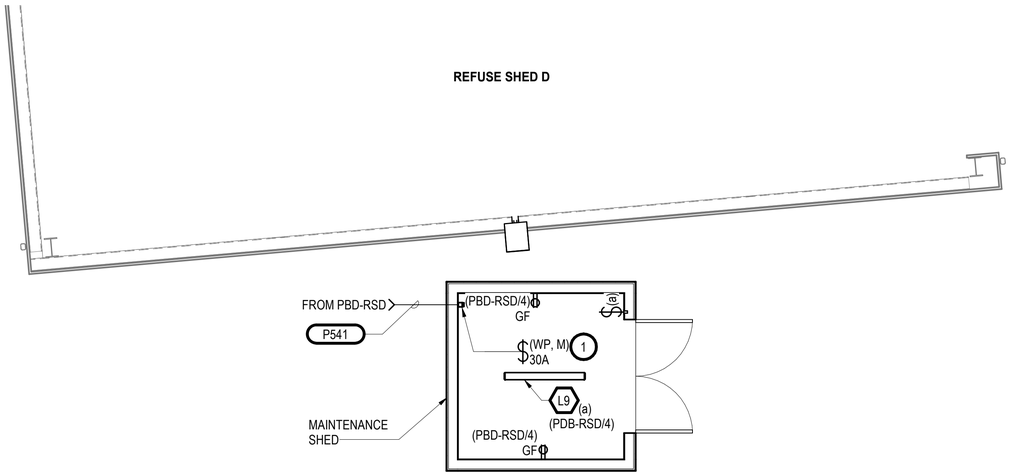
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

REFUSE SHED D POWER PLAN

DRAWING NO.
228 OF 239
E20.04

NOTES:

1. THE WEATHER PROOF, MOTOR RATED TOGGLE SWITCH IS THE FEEDER DISCONNECT TO THE MAINTENANCE SHED. THE DUPLEX RECEPTACLES AND OVERHEAD LIGHTING ARE FED FROM THIS FEEDER DISCONNECT SWITCH. ONLY THE OVERHEAD LIGHT IS CONNECTED BY THE TOGGLE SWITCH JUST INSIDE THE DOOR.



MAINTENANCE SHED ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

N

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN D. MILES
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

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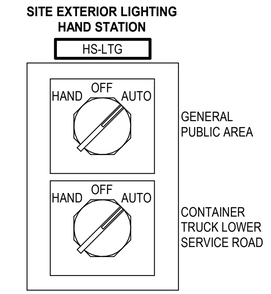
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

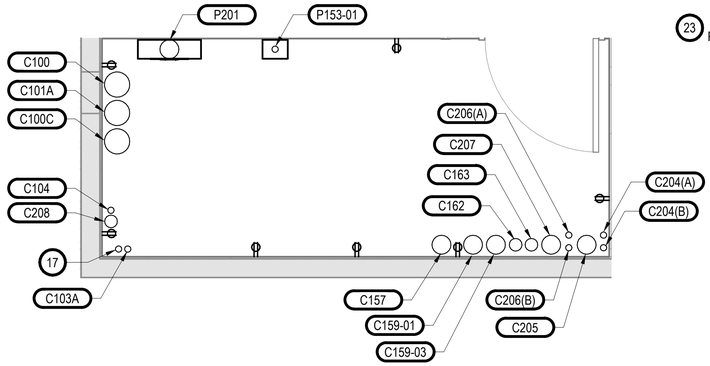
MAINTENANCE SHED ELECTRICAL PLAN

DRAWING NO.
229 OF 239

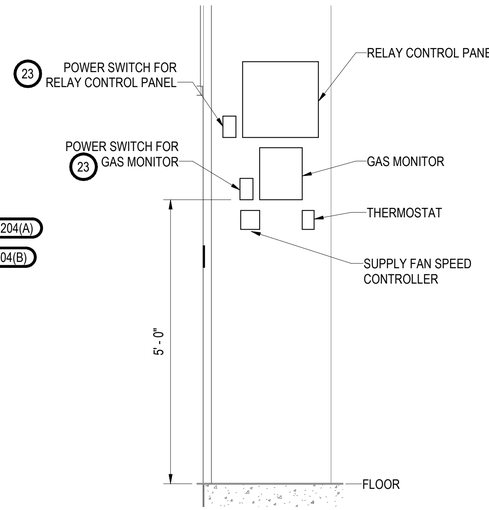
E20.05



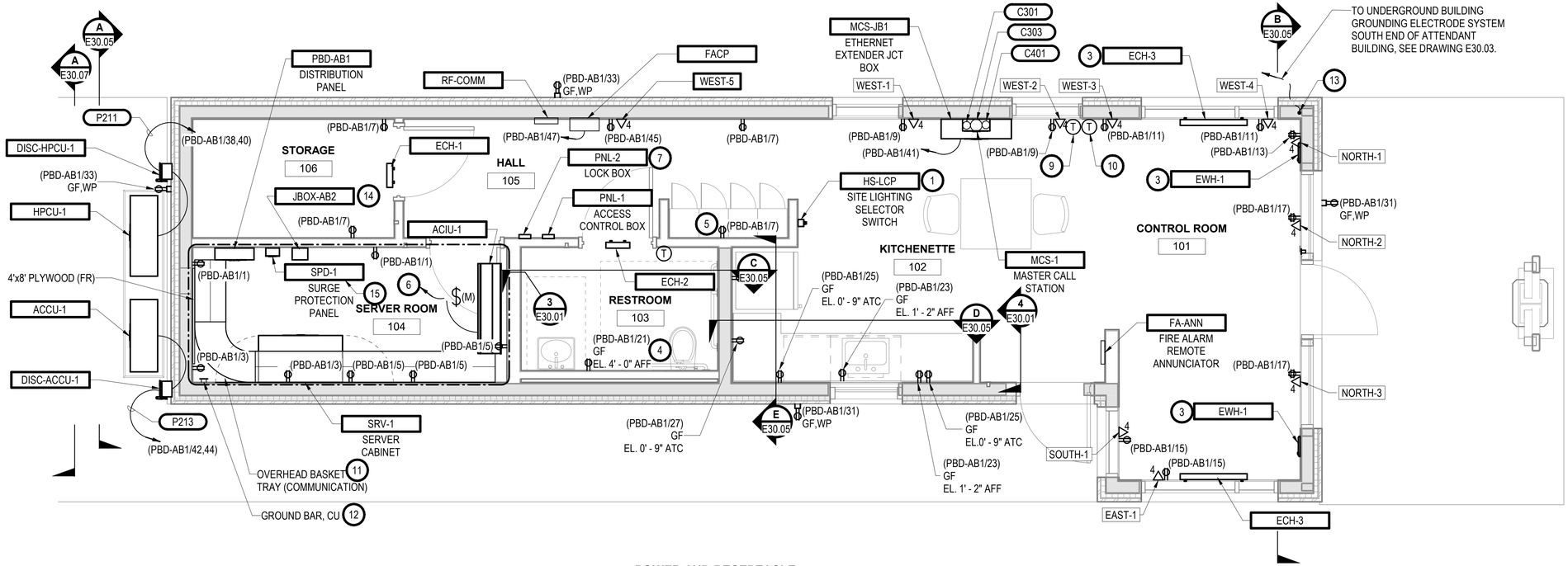
HS-LTG
DETAIL 2
SCALE: NONE



CONDUIT STUB UP SERVER ROOM
DETAIL 3
SCALE: NONE -



WING WALL 22
ELEVATION 4
SCALE: NONE E30.01



POWER AND RECEPTACLE
PLAN
SCALE: 3/8" = 1'-0"

NOTES:

1. SITE EXTERIOR LIGHTING SELECTOR SWITCHES (H-O-A) FOR BOTH GENERAL PUBLIC AREA AND FOR LOWER TRUCK CONTAINER SERVICE ROAD. THESE SWITCHES CONTROL THE TWO LIGHTING CONTROL PANELS LOCATED ON THE OUTDOOR ELECTRICAL EQUIPMENT RACK. FOR SWITCH CONFIGURATION SEE DETAIL 2.
2. ALL INTERIOR RECEPTACLES AND LIGHT SWITCHES SHALL BE INSTALLED IN RECESSED, IN-WALL MOUNTING ELECTRICAL BOXES.
3. ELECTRIC WALL HEATERS AND ELECTRIC COVE HEATERS ARE ONLY AVAILABLE WHEN CONTROL ROOM HEATER HPIU-1 IS ON. POWERED BY PBD-AB1/14 VIA RELAY BOX.
4. LOCATE RECEPTACLE NOT TO INTERFERE WITH MIRROR OR SINK.
5. LOCATE RECEPTACLE ABOVE LOCKERS.
6. INDOOR UNIT POWERED BY OUTDOOR CONDENSING UNIT. LOCATE SWITCH ON WALL NEAR ACIU-1.
7. LOCK BOX CONTAINS KEY FOR ACCESS INTO SERVER ROOM IN CASE OF LOSS OF POWER.
8. SEE NETWORK SCHEDULE FOR WALL NETWORK OUTLETS.
9. THERMOSTAT FOR EWH-1 SEE MECHANICAL DWG.
10. THERMOSTAT FOR ECH-3, SEE MECHANICAL DWG.
11. MOUNT BASKET TRAY 7'-10" AFF.
12. MOUNT 12" COPPER GROUND BAR 8'-8" AFF. BOND GROUND BAR TO UNDERGROUND GROUNDING ELECTRODE SYSTEM, SEE DWG E30.03. PROVIDE GROUNDING BAR LABEL, "GROUNDING FOR COMMUNICATION SYSTEMS ONLY".
13. BOND GROUNDING ELECTRODE SYSTEM TO BUILDING STEEL COLUMN.
14. JBOX-AB2 IS FOR THE EXTERIOR LIGHTING CONTROLLED BY THE LIGHTING CONTROL PANEL LOCATED AT THE EQUIPMENT RACK SOUTH OF THE ATTENDANT BLDG.
15. SPD-1 IS TO PROVIDE PROTECTION FOR PBD-AB1.
16. CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING FOR ATTENDANT BUILDING. CONDUIT AND WIRING FOR ATTENDANT BUILDING NOT SHOWN FOR DRAWING CLARITY.
17. PVC CONDUIT FOR GROUND BAR GROUND CONDUCTOR.
18. CONDUIT AND CABLES FOR LIGHTING, RECEPTACLES, AND HVAC ARE NOT SHOWN ON DRAWING FOR DRAWING CLARITY. SEE PANELBOARD SCHEDULE FOR AMPERAGE RATING OF CIRCUIT BREAKER THAT FEEDS EQUIPMENT FOR DETERMINING CONDUIT AND CABLE SIZE.
19. MECHANICAL CONTROLS CONTRACTOR SHALL PROVIDE RELAYS FOR HVAC EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES AND LINE VOLTAGE SIDE WIRING TO RELAYS. MECHANICAL CONTRACTOR SHALL PROVIDE LOW VOLTAGE SIDE WIRING TO RELAYS. ELECTRICAL CONTRACTOR SHALL WORK WITH MECHANICAL CONTROLS CONTRACTOR TO INSURE PROPERLY WORKING HVAC SYSTEM.
20. NETWORK COMMUNICATION CABLES TO THE NETWORK DATA JACKS SHALL BE ROUTED TO THE SERVER RACK (SRV-1) IN 1 INCH CONDUIT.
21. PROVIDE #6 GROUND CONDUCTOR FROM THE GROUND BAR TO THE 4' X 8' PLYWOOD. THE GROUND CONDUCTOR SHALL BE XHHW OR THHN AND HAVE GREEN COLOR INSULATION. COIL AN 8' PIGTAIL OF EXTRA GROUND CONDUCTOR AT THE PLYWOOD FOR THE COMMUNICATION PROVIDER USE.
22. SEE MECHANICAL SHEETS M10-05 AND M30.03 FOR HVAC EQUIPMENT ON THIS WING WALL. SEE CONDUIT AND CABLE SCHEDULE FOR WIRING.
23. PROVIDE SINGLE GANG SWITCH COVER, WEATHERPROOF, PVD, CANTEX PART NO. 513331 OR APPROVED EQUAL. PROVIDE SWITCH FUNCTION LABEL.

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME Silverdale RAGF-AB.rvt
JOB No. 553-1578-155
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8/28/2025

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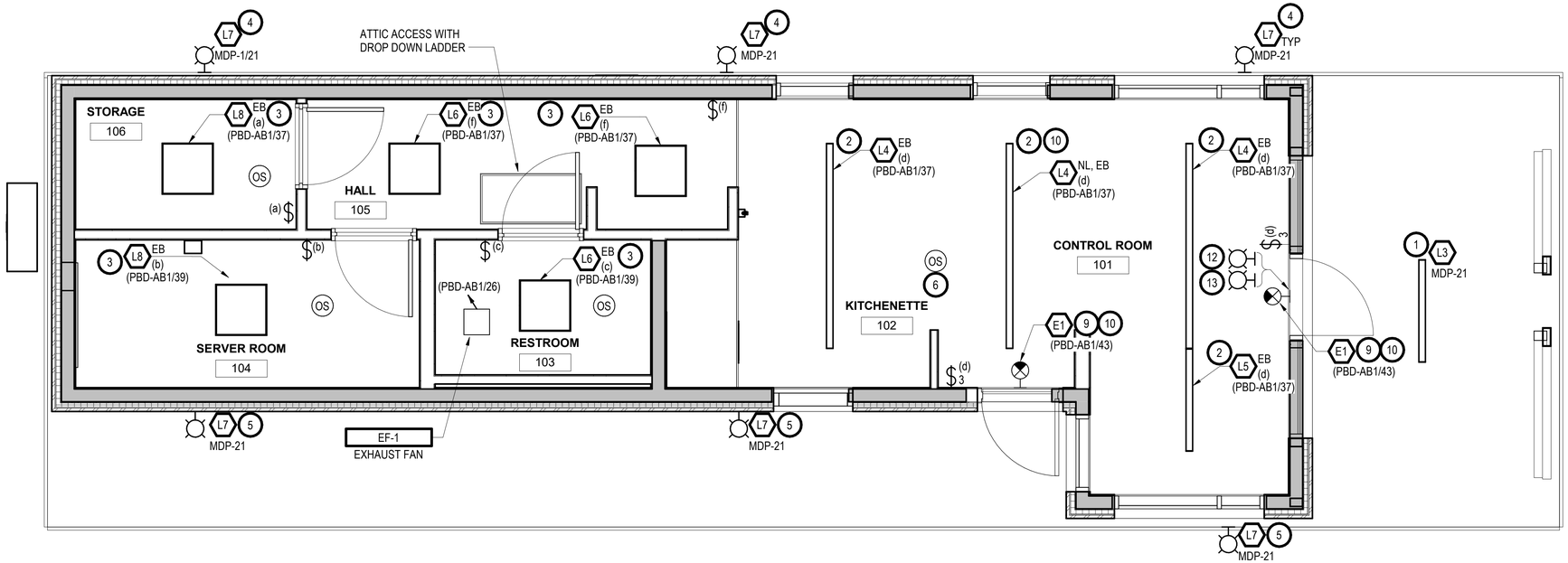
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING POWER AND RECEPTACLE PLAN

DRAWING NO. 230 OF 239
E30.01



REFLECTIVE CEILING
PLAN
SCALE: 3/8" = 1'-0"

NOTES:

1. SURFACE MOUNTED TO UNDERSIDE OF DECKING. SURFACE MOUNT LIGHT FIXTURE SO THAT BIRDS, BATS, INSECTS CANNOT NEST BETWEEN LIGHT FIXTURE AND CEILING. PROVIDE POLYETHYLENE BACKER ROD AND CAULKING AS REQUIRED TO SEAL.
2. MOUNTING HEIGHT 10 FEET ABOVE FINISHED FLOOR.
3. SURFACE MOUNT TO HARD CEILING.
4. CENTER LIGHT FIXTURE BETWEEN THE CORRUGATED RIBS ON THE SIDING. MOUNTING HEIGHT 10'-9" ABOVE FINISH CURB. PROVIDE WATER MANAGEMENT MOUNTING BLOCK FOR EXTERIOR LIGHT FIXTURES LOCATED ON WEST SIDE OF ATTENDANT BUILDING. COORDINATE WITH CONTRACTOR INSTALLING SIDING ON BUILDING.
5. CENTER LIGHT FIXTURE BETWEEN THE CORRUGATED RIBS ON THE SIDING. MOUNTING HEIGHT 13'-0" ABOVE FINISH CURB AND SIDEWALK. PROVIDE WATER MANAGEMENT MOUNTING BLOCK FOR EXTERIOR LIGHT FIXTURES LOCATED ON WEST SIDE OF ATTENDANT BUILDING. COORDINATE WITH CONTRACTOR INSTALLING SIDING ON BUILDING.
6. OCCUPANCY SENSOR IN CONTROL ROOM IS ONLY FOR MOST SOUTH AND MOST NORTH LINEAR LIGHT FIXTURES AND HALLWAY LIGHTING.
7. FUNCTION OF OCCUPANCY SENSORS IS IN CASE LIGHT SWITCH IS ACCIDENTALLY IN THE 'ON' POSITION AND NO PERSON IS IN THE AREA, THE SENSOR WILL TURN 'OFF' THE LIGHTING.
8. EXTERIOR LIGHTING CONTROLLED BY LIGHTING CONTROL PANEL (LTG-CP1).
9. MOUNT 1 FOOT ABOVE TRANSOM.
10. NON-SWITCHED LIGHTING CIRCUIT.
11. CONDUIT AND CABLES FOR LIGHTING, RECEPTACLES, AND HVAC ARE NOT SHOWN ON DRAWING FOR DRAWING CLARIFICATION. SEE PANELBOARD SCHEDULE FOR AMPERAGE RATING OF CIRCUIT BREAKER THAT FEEDS EQUIPMENT FOR DETERMINING CONDUIT AND CABLE SIZE.
12. LOW ALERT RED WARNING WALL LIGHT, MOUNT ON THE WALL (10' AFF).
13. HIGH ALERT RED WARNING WALL LIGHT, MOUNT ON THE WALL (10' AFF).

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME Silverdale RAGF-AB.rvt
JOB NO. 553-1578-155
DATE MARCH 2025

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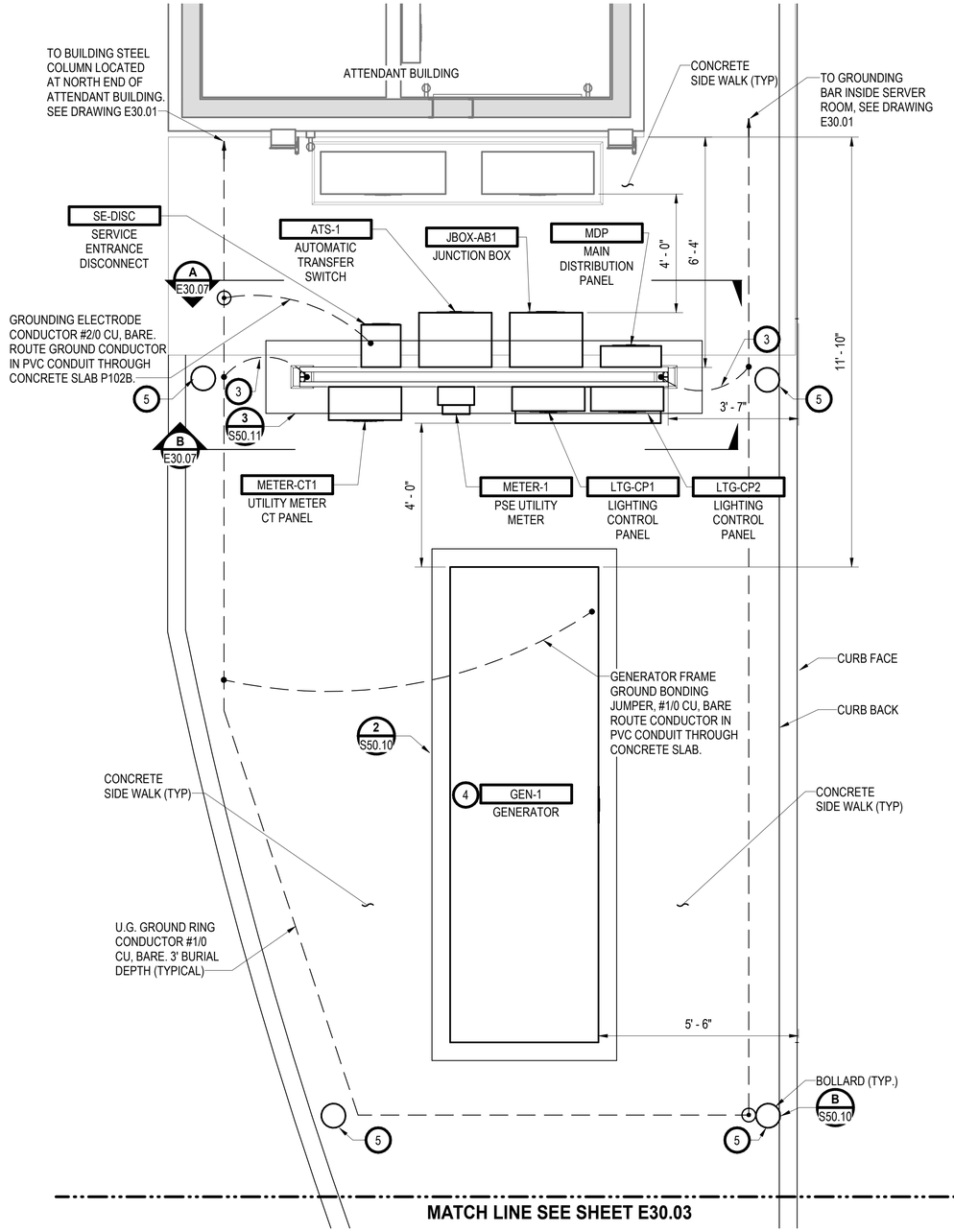
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

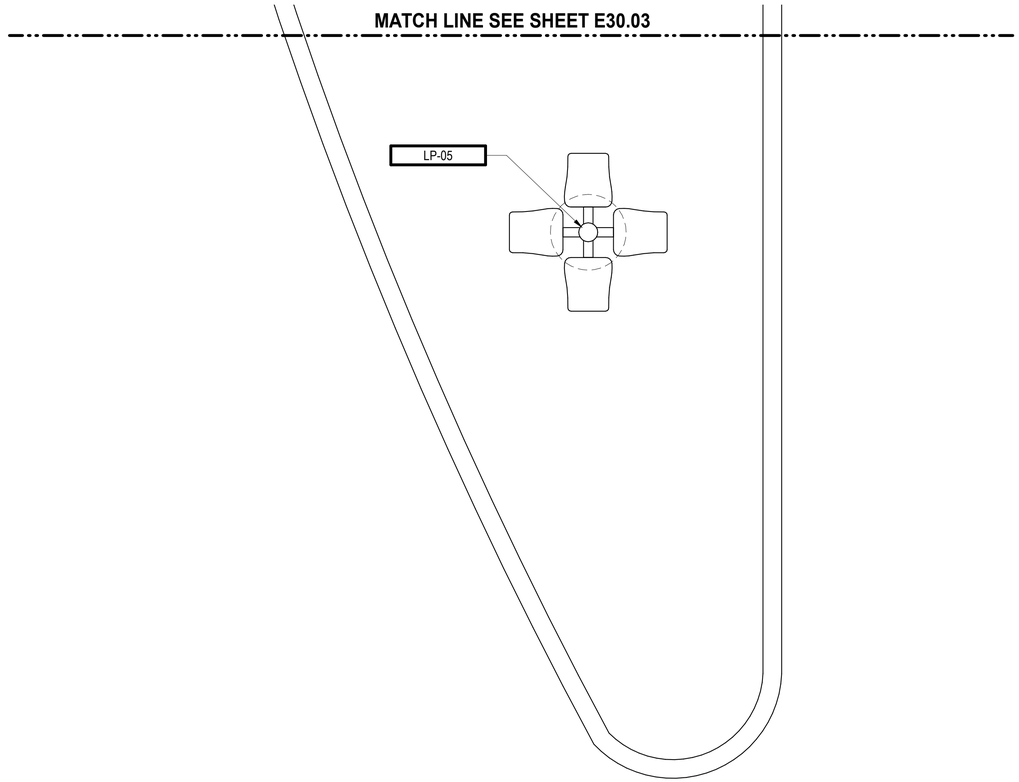
REFLECTIVE CEILING PLAN

DRAWING NO.
231 OF 239
E30.02



ELECTRICAL EQUIPMENT AND GENERATOR AREA PLAN

SCALE: 1/2" = 1'-0"



ELECTRICAL EQUIPMENT AND GENERATOR AREA SOUTH ISLAND PLAN

SCALE: 1/2" = 1'-0"

NOTES:

1. WIRE TROUGH & JUNCTION BOX FOR SPLICING LARGER CONDUCTORS TO ACCOUNT FOR VOLTAGE DROP ON LONG CIRCUIT LENGTHS.
2. PROVIDE NEMA 4X VENT/DRAINS IN EACH ENCLOSURE WITH THE EXCEPTION OF THE ENCLOSURES ANCHORED TO THE CONCRETE EQUIPMENT PAD.

(3) BOND EQUIPMENT RACK TO U.G. GROUNDING RING CONDUCTOR. USE #2 CU, BARE. ROUTE GROUND CONDUCTOR IN PVC CONDUIT THROUGH CONCRETE SLAB.

(4) SEE GENERATOR SUPPLIER DRAWINGS FOR CONDUIT STUB UP LOCATIONS.

(5) CONTRACTOR TO FIELD LOCATE BOLLARD (TYP).

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
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CHECKED C. WITTMAN
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FILE NAME Silverdale RAGF-AB.rvt
JOB No. 553-1578-155
DATE MARCH 2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING ELECTRICAL EQUIPMENT AND GENERATOR AREA

DRAWING NO. 232 OF 239
E30.03

NOTES:

1. FIELD LOCATE ATTIC LIGHT FIXTURE TO NOT INTERFERE WITH HVAC SYSTEM, PLUMBING, AND EQUIPMENT MAINTENANCE.

(2) EMERGENCY EGRESS BATTERY BACKUP.

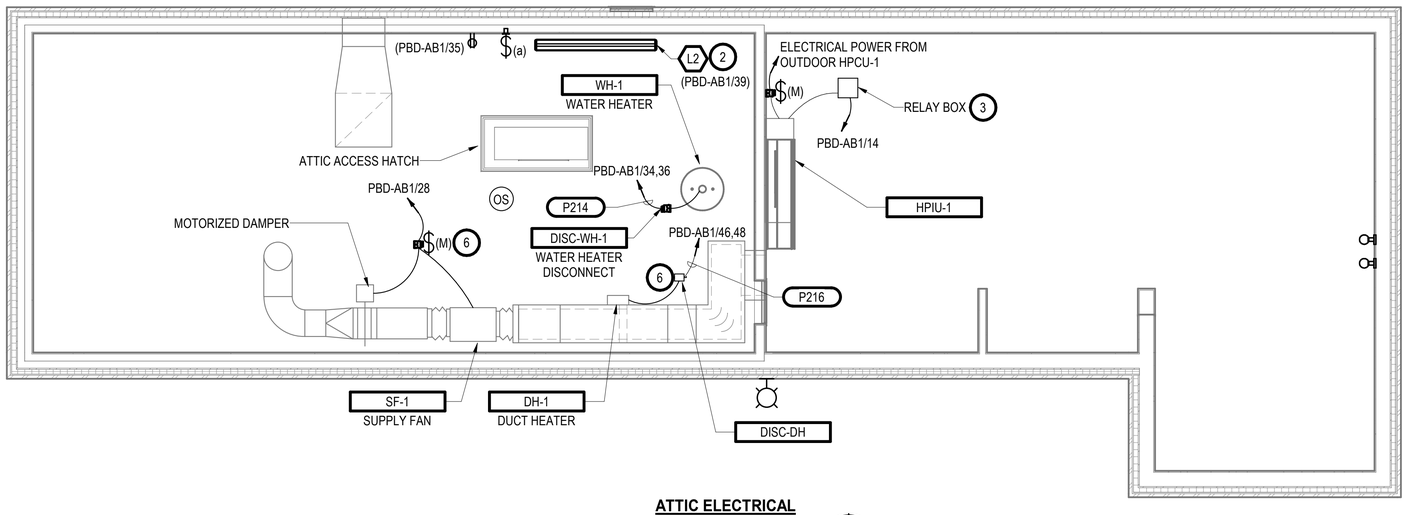
(3) SEE DWG SHEET M10.04 FOR RELAY BOX TO CONTROL WALL HEATERS AND COVE HEATERS. WALL HEATERS AND COVE HEATERS ARE AVAILABLE WHEN HPIU-1 IS ON.

4. FUNCTION OF OCCUPANCY SENSORS IS IN CASE LIGHT SWITCH IS ACCIDENTALLY IN THE 'ON' POSITION AND NO PERSON IS IN THE AREA, THE SENSOR WILL TURN 'OFF' THE LIGHTING.

5. FIELD LOCATE ATTIC LIGHT SWITCH AND ATTIC EQUIPMENT DISCONNECT SWITCHES TO DETERMINE BEST LOCATION BASED UPON THE ATTIC ACCESS AND ATTIC EQUIPMENT LOCATIONS. PROVIDE PLACARDS FOR ATTIC LIGHT SWITCHES AND ATTIC EQUIPMENT DISCONNECT SWITCHES INDICATING EQUIPMENT THEY CONTROL AND THEIR POWER SOURCE (PANEL/CIRCUIT NO.).

(6) SEE DWG M10.05 FOR RELAY BOX TO CONTROL SUPPLY FAN WHEN MOTORIZED DAMPER IS OPEN. IN ADDITION SEE DWG M10.05 FOR RELAY BOX TO CONTROL DUCT HEATER TO OPERATE WHEN SUPPLY FAN IS RUNNING.

7. CONDUIT AND CABLES FOR LIGHTING, RECEPTACLES, AND HVAC ARE NOT SHOWN ON DRAWINGS FOR DRAWING CLARIFICATION. SEE PANELBOARD SCHEDULE FOR AMPERAGE RATING OF CIRCUIT BREAKER THAT FEEDS EQUIPMENT FOR DETERMINING CONDUIT AND CABLE SIZE.



ATTIC ELECTRICAL PLAN

SCALE: 3/8" = 1'-0"

ISSUE FOR BID

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DESIGNED R. ROHLER
DRAWN D. PETERSON
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

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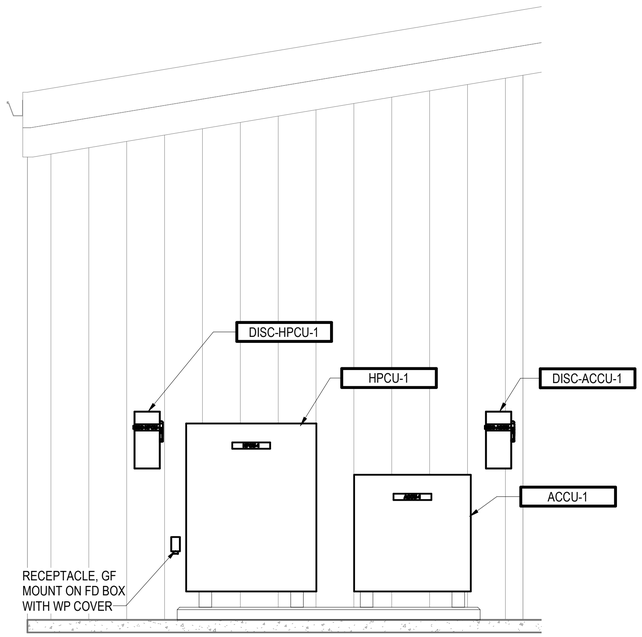
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING ELECTRICAL ATTIC POWER AND LIGHTING PLAN

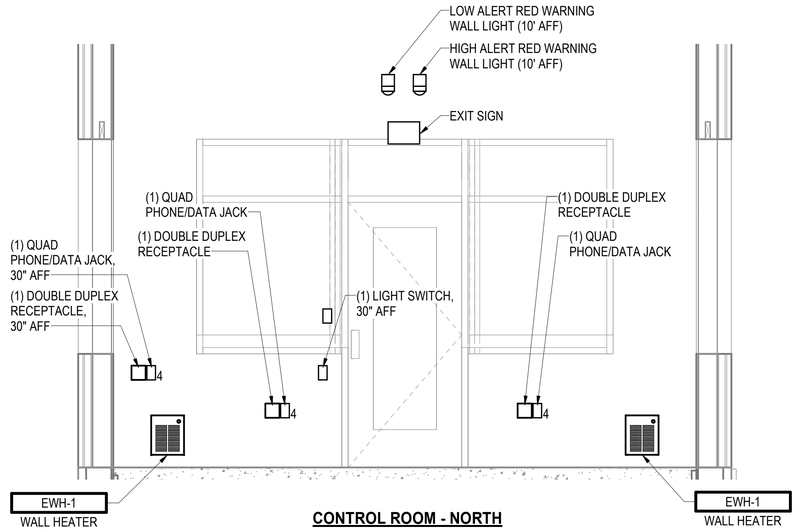
DRAWING NO.
233 OF 239
E30.04

NOTES:

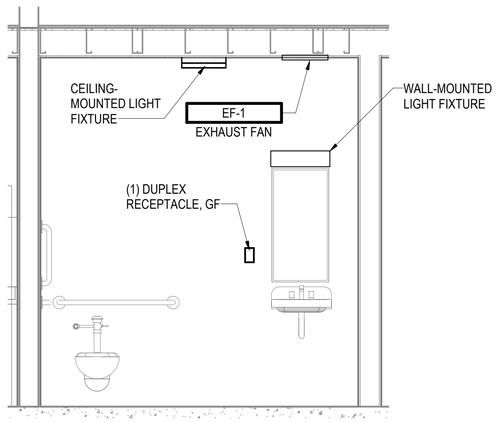
1. CONDUIT AND CABLES FOR LIGHTING, RECEPTACLES, AND HVAC ARE NOT SHOWN ON DRAWINGS FOR DRAWING CLARIFICATION. SEE PANELBOARD SCHEDULE FOR AMPERAGE RATING OF CIRCUIT BREAKER THAT FEEDS EQUIPMENT FOR DETERMINING CONDUIT AND CABLE SIZE.



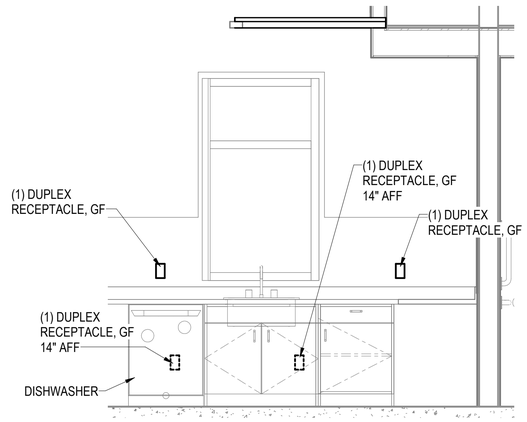
ATTENDANT BUILDING EXTERIOR-SOUTH
SECTION A
SCALE: 1/2" = 1'-0" E30.01



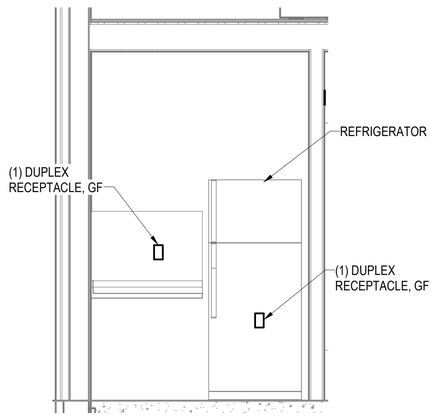
CONTROL ROOM - NORTH
SECTION B
SCALE: 1/2" = 1'-0" E30.01



RESTROOM - EAST
SECTION C
SCALE: 1/2" = 1'-0" E30.01



KITCHENETTE - EAST
SECTION D
SCALE: 1/2" = 1'-0" E30.01



KITCHENETTE - SOUTH
SECTION E
SCALE: 1/2" = 1'-0" E30.01

ISSUE FOR BID

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DESIGNED R. ROHLER
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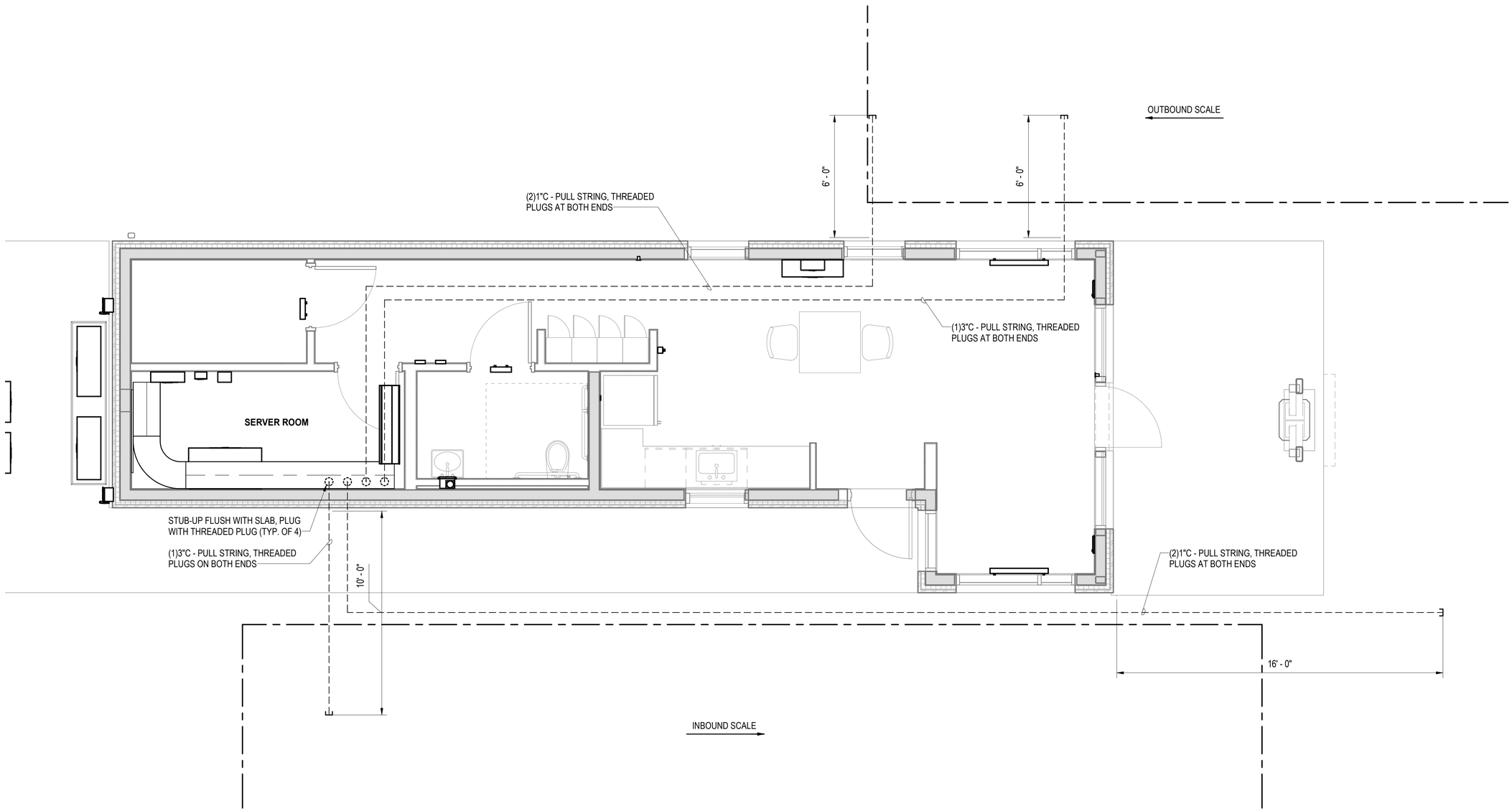
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING ELECTRICAL SECTIONS

DRAWING NO. 234 OF 239
E30.05

NOTES:

1. CONDUIT BURIAL DEPTH FOR FUTURE SCALES IS 36".



CONDUIT FOR FUTURE SCALE EQUIPMENTS

PLAN

SCALE: 3/8" = 1'-0"

N

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SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

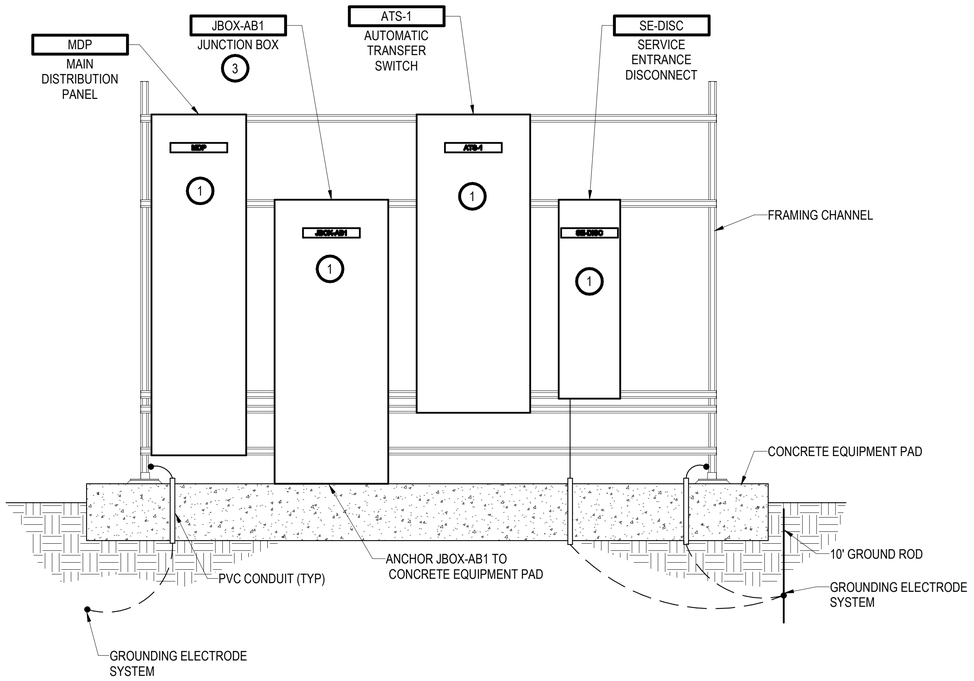
FUTURE SCALE AND SCALE EQUIPMENT CONDUIT PLAN

DRAWING NO.
235 OF 239

E30.06

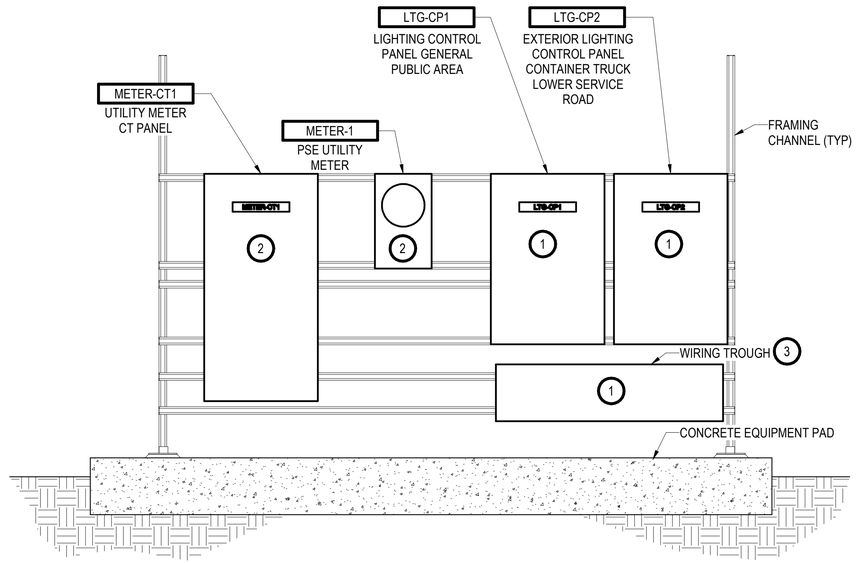
NOTES:

1. NEMA 4X ENCLOSURE, STAINLESS STEEL.
2. SEE SECTION 26 05 33 FOR PSE METER BASE/SOCKET AND CT MOUNTING BASE ENCLOSURE REQUIREMENTS.
3. WIRE TROUGH & JUNCTION BOX FOR SPLICING LARGER CONDUCTORS TO ACCOUNT FOR VOLTAGE DROP ON LONG CIRCUIT LENGTHS.



ELECTRICAL EQUIPMENT RACK FRONT ELEVATION (A)

SCALE: 3/4" = 1'-0" E30.01



ELECTRICAL EQUIPMENT RACK REAR ELEVATION (B)

SCALE: 3/4" = 1'-0" E30.03

ISSUE FOR BID

	REVISIONS	DATE	BY

DESIGNED R. ROHLER
DRAWN J. VONDERAHE
CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME Silverdale RAGF-AB.rvt
JOB No. 553-1578-155
DATE MARCH 2025

ROBERT W. ROHLER — STATE OF WASHINGTON — 41495 — REGISTERED PROFESSIONAL ENGINEER
8/28/2025

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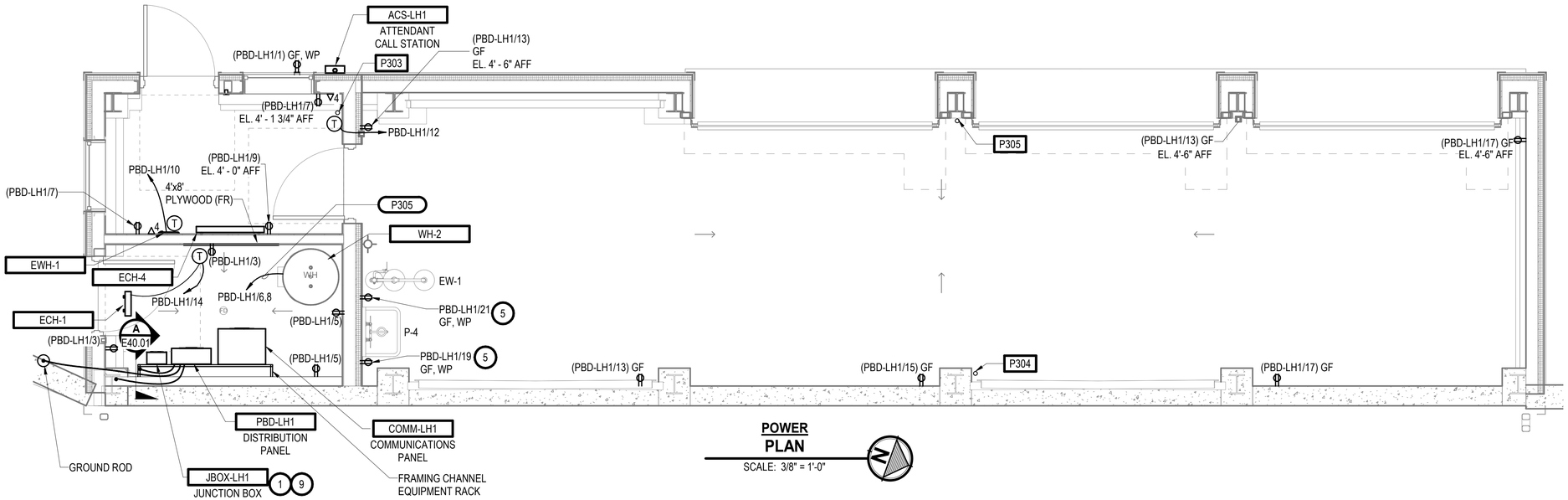
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ATTENDANT BUILDING EQUIPMENT RACK DETAIL

DRAWING NO. 236 OF 239

E30.07

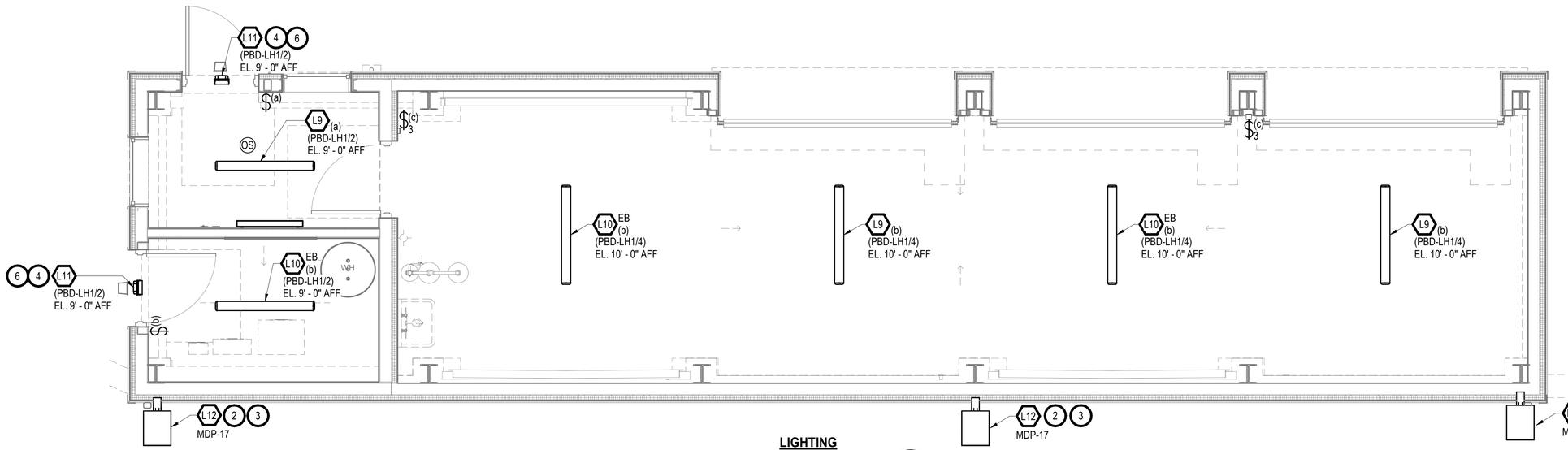


POWER PLAN

SCALE: 3/8" = 1'-0"

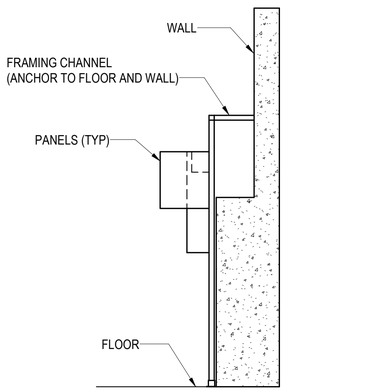
NOTES:

1. JBOX-LH1 IS FOR THE EXTERIOR LIGHTING CONTROLLED BY THE LIGHTING CONTROL PANEL, LOCATED AT THE EQUIPMENT RACK SOUTH OF THE ATTENDANT BUILDING.
2. THESE EXTERIOR LIGHT FIXTURES ARE CONTROLLED BY THE LIGHTING CONTROL PANEL LTG-CP2, LOCATED AT THE EQUIPMENT RACK SOUTH OF THE ATTENDANT BUILDING.
3. MOUNTING HEIGHT OF 27' IS ABOVE THE LOWER ROAD ON THE REAR SIDE OF THE LHHW BUILDING. SEE STRUCTURAL DRAWING FOR STEEL STRUCTURE TO BE USED TO SUPPORT EXTERIOR LIGHT FIXTURE ASSEMBLY.
4. NON-SWITCHED CIRCUIT.
5. FOR EQUIPMENT FREEZE PROTECTION.
6. PROVIDE WATER MANAGEMENT MOUNTING BLOCK FOR EXTERIOR LIGHT FIXTURES LOCATED NEAR MAN DOOR OF LHHW BUILDING. COORDINATE WITH CONTRACTOR INSTALLING SIDING ON BUILDING.
7. CONDUIT AND CABLES FOR LIGHTING, RECEPTACLES, AND HVAC ARE NOT SHOWN ON DRAWING FOR DRAWING CLARIFICATION. SEE PANELBOARD SCHEDULE FOR AMPERAGE RATING OF CIRCUIT BREAKER THAT FEEDS EQUIPMENT FOR DETERMINING CONDUIT AND CABLE SIZE.
8. NETWORK COMMUNICATION CABLES TO THE NETWORK DATA JACKS SHALL BE ROUTED TO THE COMMUNICATION PANEL (COMM-LH1) IN 1 INCH CONDUIT.
9. PROVIDE GROUND ROD AND BOND TO PANELBOARD PBD-LH1 FEEDER EQUIPMENT GROUND CONDUCTOR PER NEC 250.32. BOND TO BUILDING STEEL STRUCTURAL COLUMN. USE #6 COPPER CONDUCTOR FOR BONDING.



LIGHTING PLAN

SCALE: 3/8" = 1'-0"



FRAMING CHANNEL EQUIPMENT RACK DETAIL A

SCALE: NONE

ISSUE FOR BID

	REVISIONS	DATE	BY

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CHECKED C. WITTMAN
APPROVED K. HUFNAGEL

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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JOB No. 553-1578-155
DATE MARCH 2025

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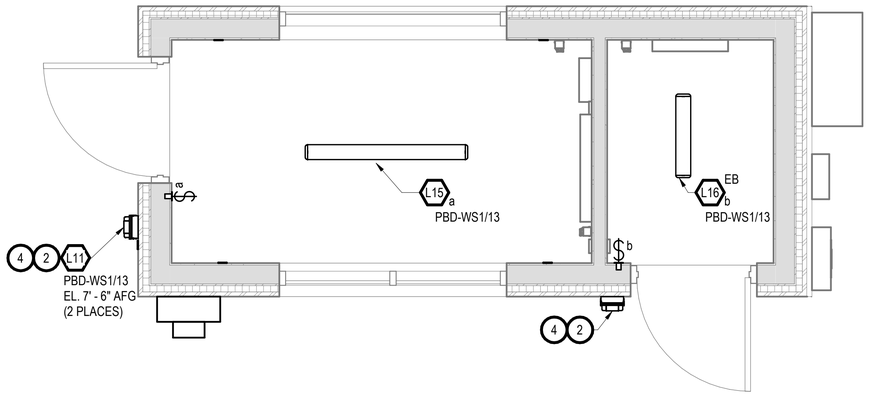
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

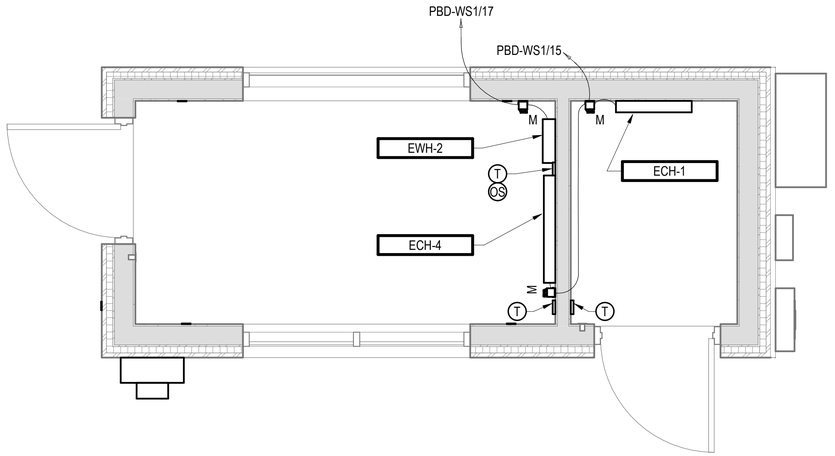
LIMITED HHW BUILDING POWER AND LIGHTING PLANS

DRAWING NO. 237 OF 239

E40.01



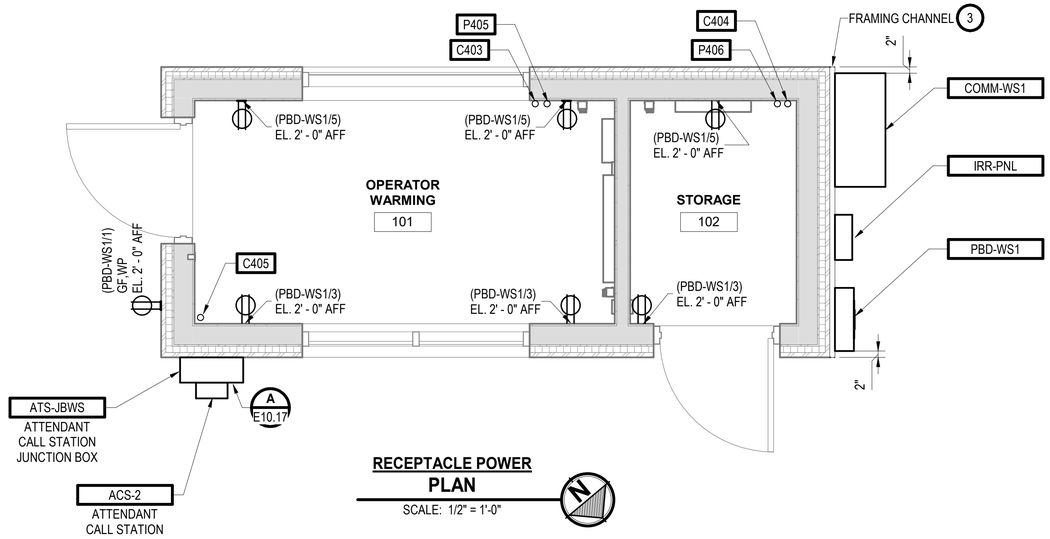
LIGHTING
PLAN
SCALE: 1/2" = 1'-0"



HVAC POWER
PLAN
SCALE: 1/2" = 1'-0"

NOTES:

1. MOUNT HVAC DISCONNECT SWITCHES NEAR HVAC EQUIPMENT.
2. NON-SWITCHED CIRCUIT.
3. PROVIDE FRAMING CHANNEL FOR MOUNTING ENCLOSURES TO THE NORTH EXTERIOR WALL OF THE OPERATOR WARMING STATION.
4. PROVIDE WATER MANAGEMENT MOUNTING BLOCK FOR EXTERIOR LIGHT FIXTURES LOCATED ON WEST SIDE OF WARMING STATION. COORDINATE WITH CONTRACTOR INSTALLING SIDING ON BUILDING.
5. CONDUIT AND CABLES FOR LIGHTING, RECEPTACLES, AND HVAC ARE NOT SHOWN ON DRAWING FOR DRAWING CLARIFICATION. SEE PANELBOARD SCHEDULE FOR AMPERAGE RATING OF CIRCUIT BREAKER THAT FEEDS EQUIPMENT FOR DETERMINING CONDUIT AND CABLE SIZE.



RECEPTACLE POWER
PLAN
SCALE: 1/2" = 1'-0"

ISSUE FOR BID

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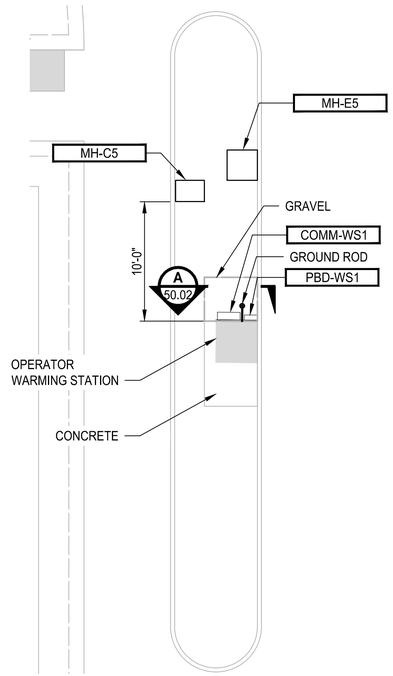
PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ELECTRICAL OPERATOR WARMING STATION PLANS

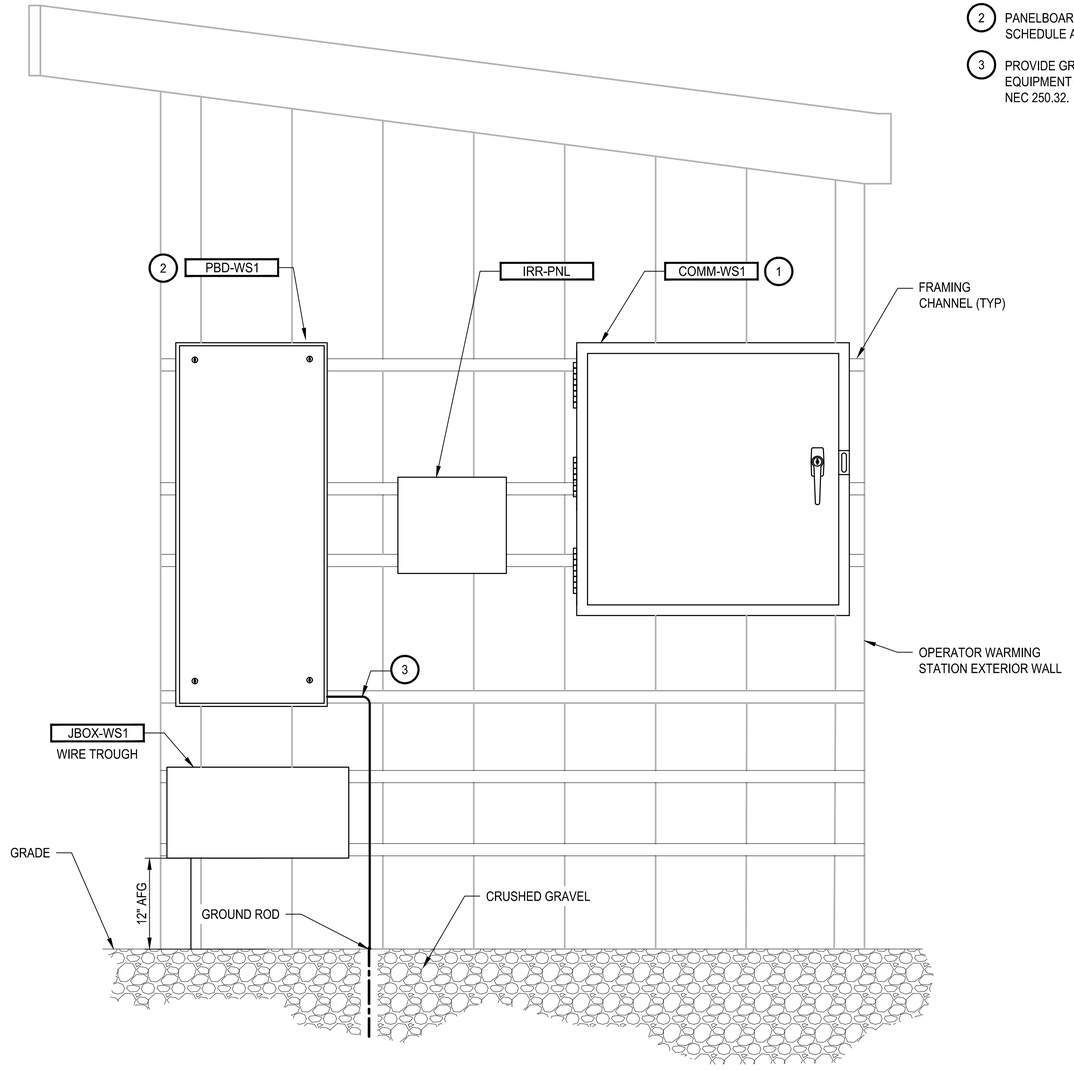
DRAWING NO.
238 OF 239
E50.01



WARMING STATION ELECTRICAL EQUIPMENT
PLAN
SCALE: 1" = 10'

KEY NOTES:

1. COMMUNICATION ENCLOSURE SHALL BE 36" x 36" x 16" STAINLESS STEEL NEMA 4X, HINGED WITH CLAMP AND PAD-LOCKABLE COVER. SEE SPECIFICATIONS.
2. PANELBOARD SHALL BE NEMA 4X. SEE PANELBOARD SCHEDULE AND SPECIFICATIONS.
3. PROVIDE GROUND ROD AND BOND TO FEEDER EQUIPMENT GROUND CONDUCTOR TO PBD-WS1 PER NEC 250.32.



EQUIPMENT LAYOUT
DETAIL A
E50.02

ISSUE FOR BID

	REVISIONS	DATE	BY

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FILE NAME PS1578155–E50.02
JOB No. 553-1578-155
DATE MARCH 2025

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PROJECT NAME
SILVERDALE RECYCLING AND GARBAGE FACILITY REDEVELOPMENT
KITSAP COUNTY, WASHINGTON

ENLARGED ELECTRICAL WARMING STATION SITE PLAN

DRAWING NO. OF 239
E50.02

PATH: C:\Users\vondejam\ACCDocs\Parametrix\Silverdale Recycling and Garbage Facility\Project Files\02 Design Drawings\CADD\DWG\C – PWX PLOTTED BY: vondejam DATE: Tuesday, March 5, 2024 12:47:48 PM
LAYOUT: E50.02