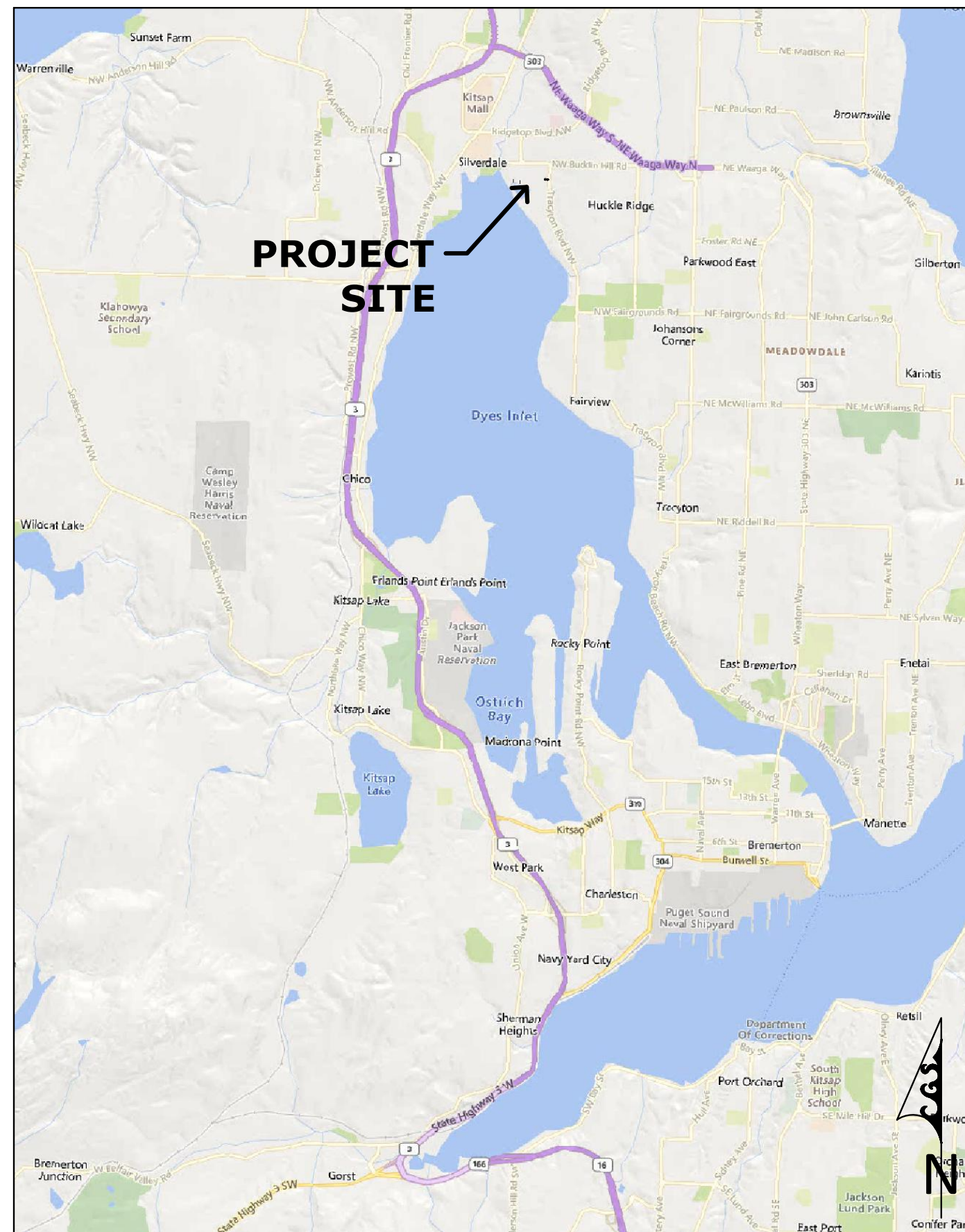


# DYES INLET

## SHORELINE RESTORATION DESIGN

### LOCATION AND VICINITY MAP:



### DRIVING DIRECTIONS:

From the Bremerton Ferry Terminal take Buwell St west. Turn right (south) on Callow Ave. Continue straight (south) on to Charleston Blvd. Take the onramp on to WA-3 N (north). From WA-3 N take the Newberry Hill Rd off ramp (exit 43, west). At the roundabout continue north onto Siverdale Way NW. Turn right (east) on Bucklin Hill Rd. Turn right (south) on Mickelberry Rd NW. Project site will be waterward of the existing homes.

### SITE ADDRESS:

Mickelberry Rd NW  
Silverdale WA 98383  
Kitsap County, WA

### OWNERS:

Kirsten T & Richard H Friedman  
9399 Mickelberry Rd NW  
Silverdale, WA 98383  
KCTP# 212501-2-021-2002 & 212501-2-022-2001

Gale B & Patricia A Brown  
9301 Mickelberry Road NW,  
Silverdale, WA 98383  
KCTP# 212501-1-118-2008

Robert B & Christine Best  
9289 Mickelberry Rd NW,  
Silverdale, WA 98383  
KCTP# 212501-1-098-2002

Robert B Best  
9289 Mickelberry Rd NW,  
Silverdale, WA 98383  
KCTP# 212501-1-077-2007

Crista Ministries  
Attn: Brian Kirkpatrick  
19303 Fremont Ave  
Seattle, WA 98133-3800  
KCTP# 212501-2-002-2005

### SHEET INDEX:

#	Sheet Title
1	Cover Sheet - Vicinity Map - Notes
2	Existing Conditions - Overall Site Plan
3	Existing Conditions - North Site Plan
4	Existing Conditions - South Site Plan
5	Removal/Demolition - North Site Plan
6	Removal/Demolition - South Site Plan
7	Proposed Conditions - North Site Plan
8	Proposed Conditions - South Site Plan
9	Proposed Conditions - North Cross Sections
10	Proposed Conditions - South Cross Sections
11	Proposed Conditions - Detailed Sections
12	Proposed Conditions - Details

### GENERAL NOTES:

- The work consists of furnishing all construction, labor, equipment, and materials, and performing all operations in connection with the construction related to beach restoration detailed in the final design drawing sheets.
- Project activities shall not occur when the work area is inundated by tidal waters. The contractor shall have on the job site a current tide chart for the duration of the project activities.
- Work during holidays, weekends, and outside the normal work hours requires prior arrangements and approval.
- Contractor must obtain appropriate permissions to encroach and work within any rights-of-way.
- Location of utilities was not determined prior to project design. The contractor shall contact utility location service 48 hours prior to starting construction at 1-800-424-5555 or 811.
- The contractor shall restore all private and public property disturbed by the project immediately after construction.
- Contractor shall sweep and remove all debris tracked onto existing paved roads during all phases of construction.
- All material aggregates, armor rock, and sources for to be used shall be pre-approved by the project engineer or engineering geologist prior to import and construction. Sample material and specification documentation shall be inspected and reviewed prior to large quantity shipment to the project site.
- Any discrepancies in the plans with field conditions shall be brought to the immediate attention of the engineer or engineering geologist.
- A copy of the approved plans, specifications and permits must be on the job site whenever construction is in process. All work and work timing shall be in compliance with provisions in the approved permits.
- The contractor shall ensure that all pre-construction meetings and inspections are scheduled and attended as required by the project permits.
- All construction materials shall be staged landward of OHWM
- Disturbed areas shall be revegetated as soon as possible after completion of construction.
- All construction equipment shall be inspected daily for leaks and any required repairs shall be completed before using the equipment near the water.
- All refueling and maintenance of equipment shall take place a minimum of 100 feet landward from marine waters and landward wetlands.
- An emergency spill containment kit shall be located onsite during construction.
- All waste and debris generated by the project shall be collected and removed to a legally permitted waste disposal site.

### CONTACT INFORMATION:

Natural Systems Design +  
Coastal Geologic Services  
1900 N Northlake Way, Suite 211  
Seattle, WA 98103  
(206) 834-0175

FINAL  
DESIGN

Proposed: Bulkhead Removal  
USACE Ref. #: \_\_\_\_\_  
In: Dyes Inlet County: Kitsap State: WA  
Application By:  
Kitsap County DCD  
619 Division St 1st Floor  
Port Orchard, WA 98366  
Project Location: 47.6481 Lat., -122.6824 Lon.  
Assessors Parcel: 212501-2-021-2002  
212501-2-022-2001, 212501-1-118-2008  
212501-1-098-2002, 212501-1-077-2007

### SURVEY NOTES:

#### Horizontal Datum:

NSRS 2011 Washington State Plane, North Zone, US Foot.

#### Vertical Datum:

North American Vertical Datum of 1988 (NAVD88)

#### Topography and Feature Mapping:

Site features were mapped 5/10/23, 6/28/23 and 10/1/23 by Coastal Geologic Services (CGS) using Real Time Kinematic (RTK) GPS and corrected to Puget Reference Station Network (PRSN) continuously-operating reference station.

Surrounding Topographic data derived from 2018 LiDAR obtained from the United States Geological Survey (USGS) via the WA State Department of Natural Resources (DNR) LiDAR portal. Data provided to the USGS by Quantum Spatial, acquired 12/6/2017- 2/2/2018, 3 FT ground resolution.

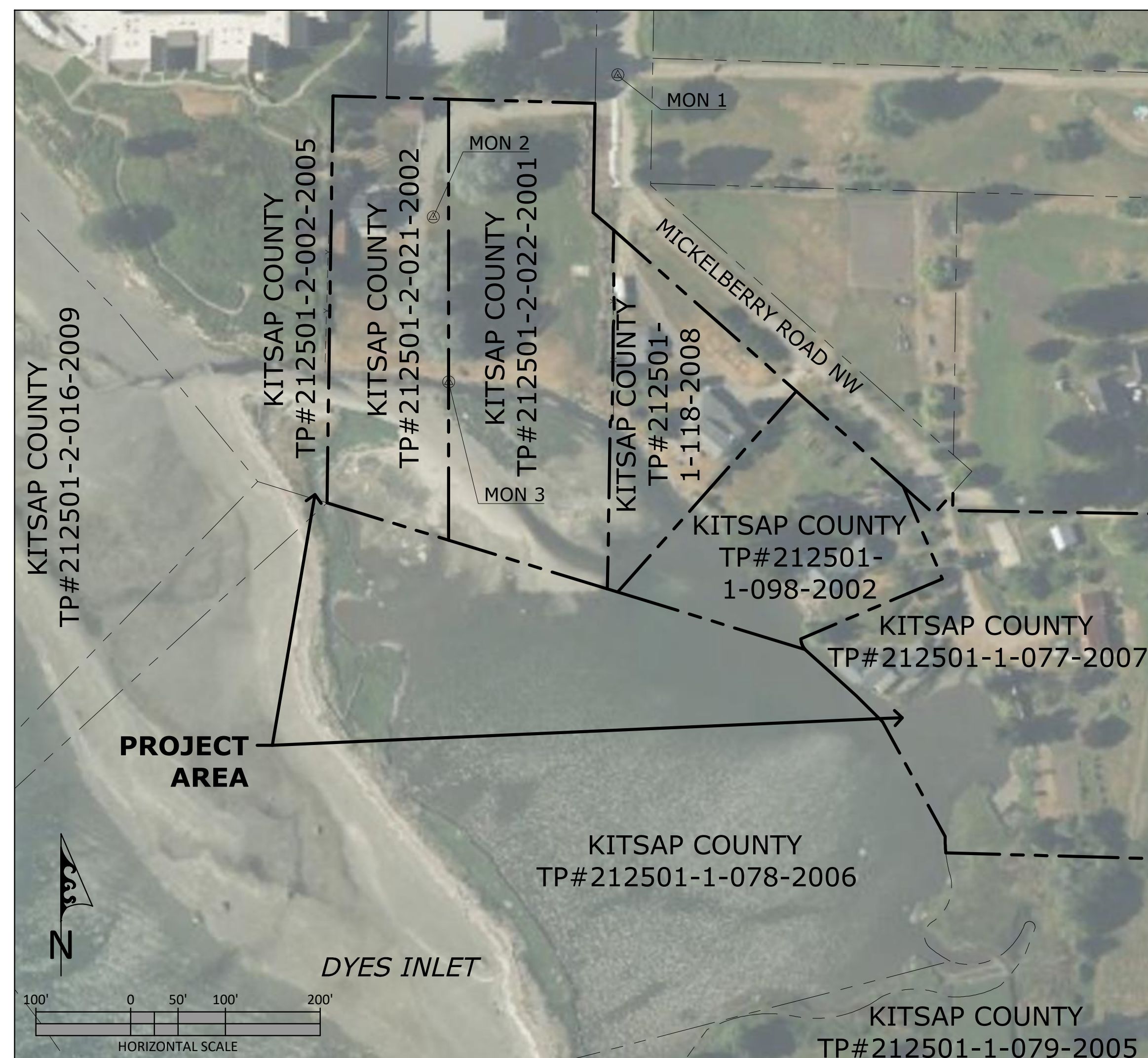
#### Additional Mapping:

Background aerial imagery shown was obtained from Kitsap County GIS and is dated 2021. Parcel lines shown are approximate and for reference only. No boundary survey was completed as part of this work. Boundaries obtained from the 2022 Washington State Parcel Database, and used as-is here.

### MONUMENT LIST:

NAME	EASTING	NORTHING	ELEV.
MON1	1184736.3504	242235.0484	19.5980
MON2	1184541.4736	242085.2099	14.9071
MON3	1184557.9290	241911.2560	11.6480

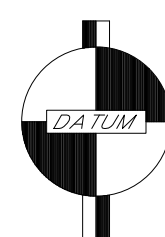
### ADJACENT PARCEL MAP / AERIAL PHOTO / MONUMENT MAP:



### ADJACENT PROPERTY OWNERS

PARCEL #	NAME	ADDRESS
212501-2-002-2005	Crista Ministries	19303 Fremont Ave, Seattle, WA 98133
212501-2-016-2009	State Agency Lands	No Address on Assessors Records

### DATUM STAFF:



NAVD88      MLLW  
11.29' — HAT/HTL — 13.91'  
9.35' — MHHW — 11.97'  
8.64' — MHW — 11.08'

0.00' — NAVD88 — 2.62'  
-2.62' — MLLW — 0.00'  
Source: VDATUM



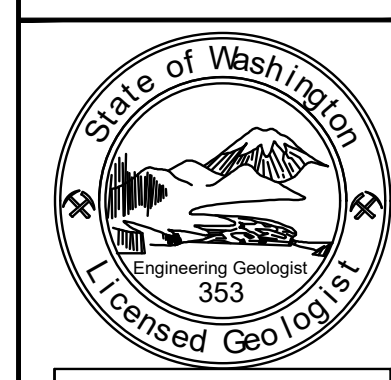
Natural Systems Design  
+ Coastal Geologic Services

REVISIONS	DRAWN BY:	DESIGNED BY:	CHECKED BY:	DATE SURVEYED:	MAPPED BY:
	ADT	JWJ	WJC	2023	CGS

DYES INLET SHORELINE RESTORATION DESIGN

COVER SHEET

VICINITY MAP - NOTES  
KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT



DATUM: NAVD88 ELEV. MLLW: -2.62 FT ELEV. MHW: 8.46 FT ELEV. MHHW: 9.35 FT ELEV. HTL: 11.29 FT
SCALE: AS SHOWN
DATE: 6/26/2025
SHEET: <b>1</b>
OF: 12

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**NSD CGS**  
 Natural Systems Design  
 + Coastal Geologic Services

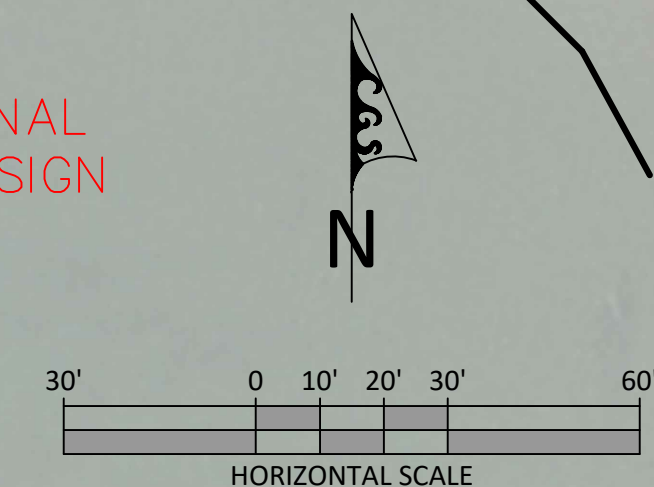
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DRAWN BY:	ADT
DESIGNED BY:	JWJ
CHECKED BY:	WJC
DATE SURVEYED:	2023
MAPPED BY:	CGS

**DYES INLET SHORELINE RESTORATION DESIGN**  
**EXISTING CONDITIONS**  
 OVERALL SITE PLAN  
 KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT

State of Washington  
 Engineering Geologist  
 353  
 Licensed Geologist  
 James W. Johannessen

DATUM: NAVD88  
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 ELEV. HTL: 11.29 FT

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**2**  
 OF: 12



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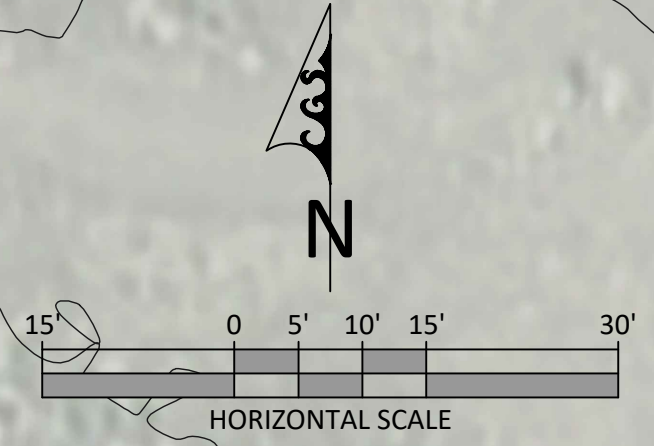
**NSD CGS**  
 Natural Systems Design  
 + Coastal Geologic Services

REVISIONS	
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
DATE SURVEYED:	
MAPPED BY:	

**DYES INLET SHORELINE RESTORATION DESIGN**  
 EXISTING CONDITIONS  
 NORTH SITE PLAN  
 KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT

State of Washington  
 Engineering Geologist  
 353  
 Licensed Geologist  
 James W. Johannessen

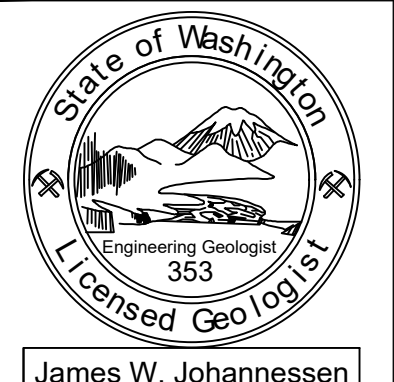
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DESIGNED BY:	JWJ
CHECKED BY:	WJC
DATE SURVEYED:	2023
MAPPED BY:	CGS

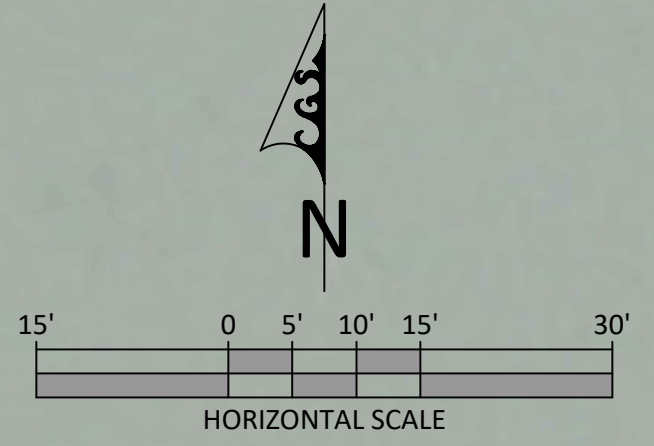
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**EXISTING CONDITIONS**  
 SOUTH SITE PLAN  
 KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT

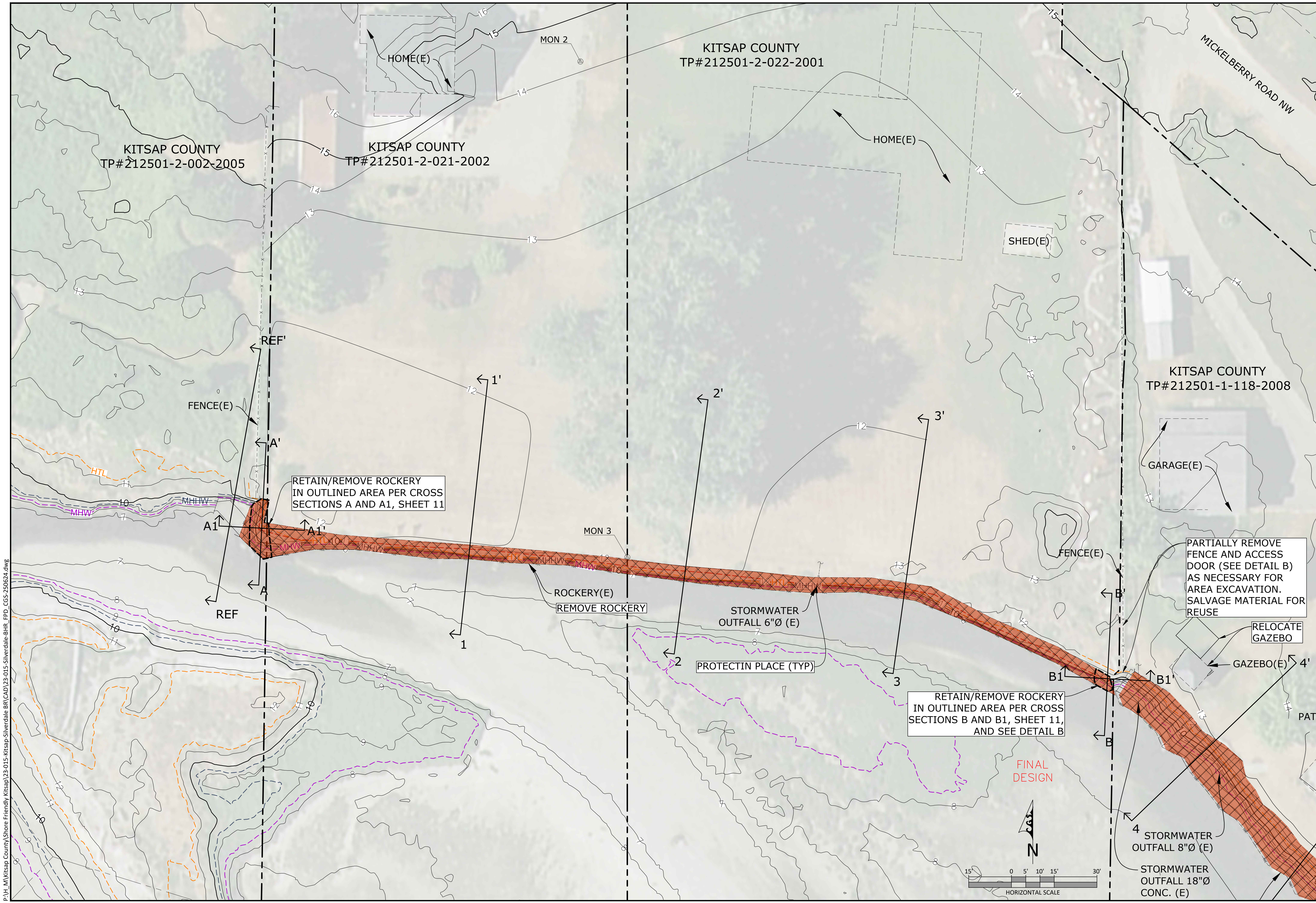


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FINAL DESIGN

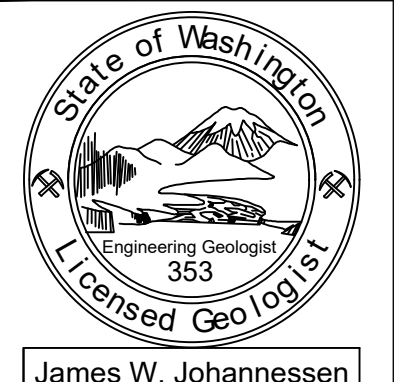




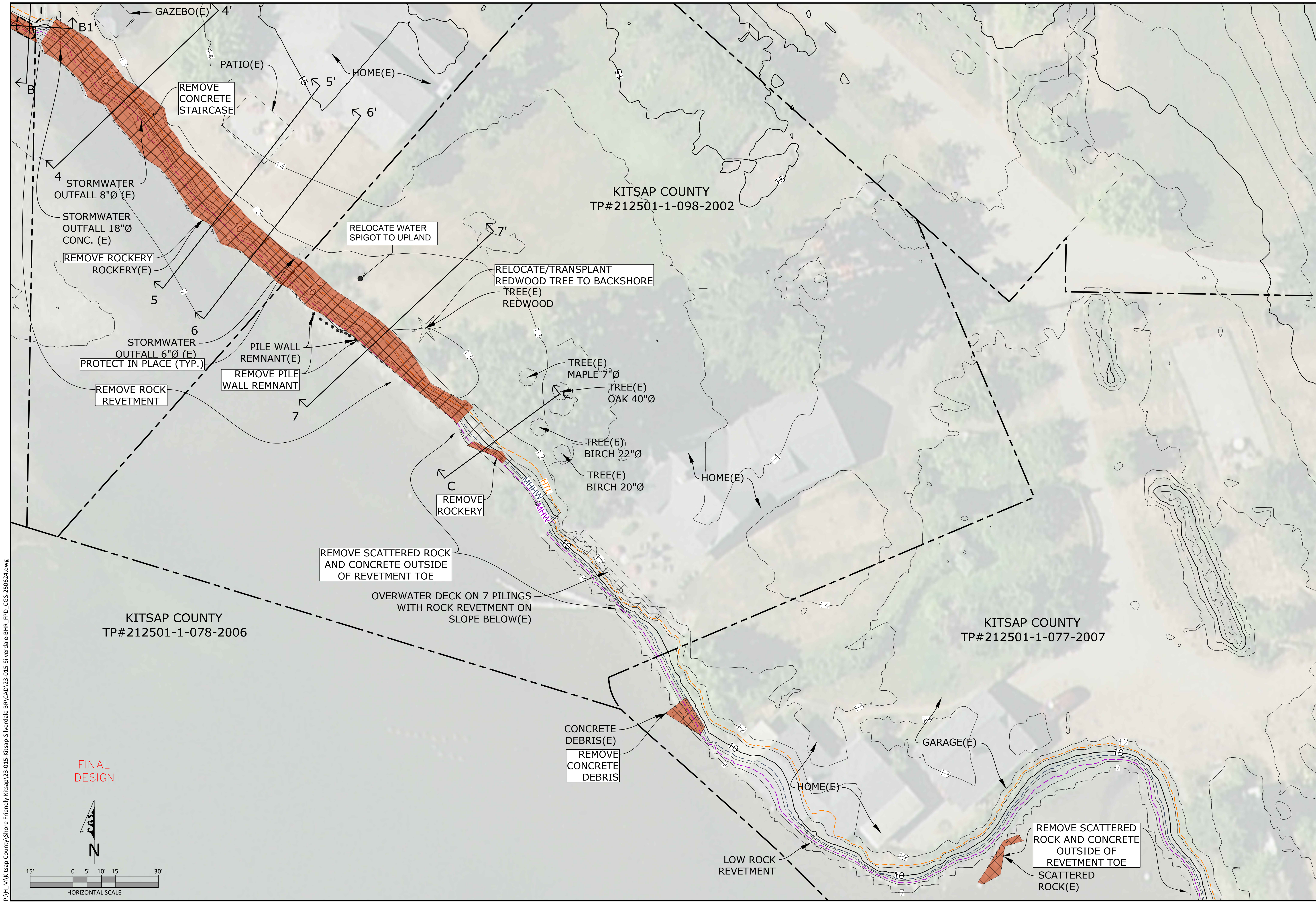
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DRAWN BY:	ADT
DESIGNED BY:	JWJ
CHECKED BY:	WJC
DATE SURVEYED:	2023
MAPPED BY:	CGS

**DYES INLET SHORELINE RESTORATION DESIGN**  
**REMOVAL/DEMOLITION**  
NORTH SITE PLAN  
KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT

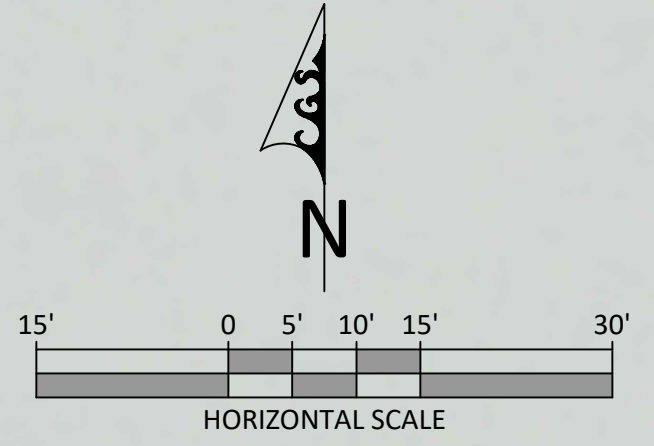


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FINAL DESIGN



Natural Systems Design  
+ Coastal Geologic Services

REVISIONS	
DRAWN BY:	ADT
DESIGNED BY:	JWJ
CHECKED BY:	WJC
DATE SURVEYED:	2023
MAPPED BY:	CGS

**DYES INLET SHORELINE RESTORATION DESIGN**  
**REMOVAL/DEMOLITION**  
 SOUTH SITE PLAN  
 KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT

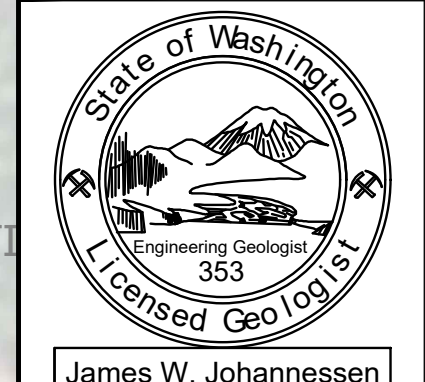
James W. Johannessen

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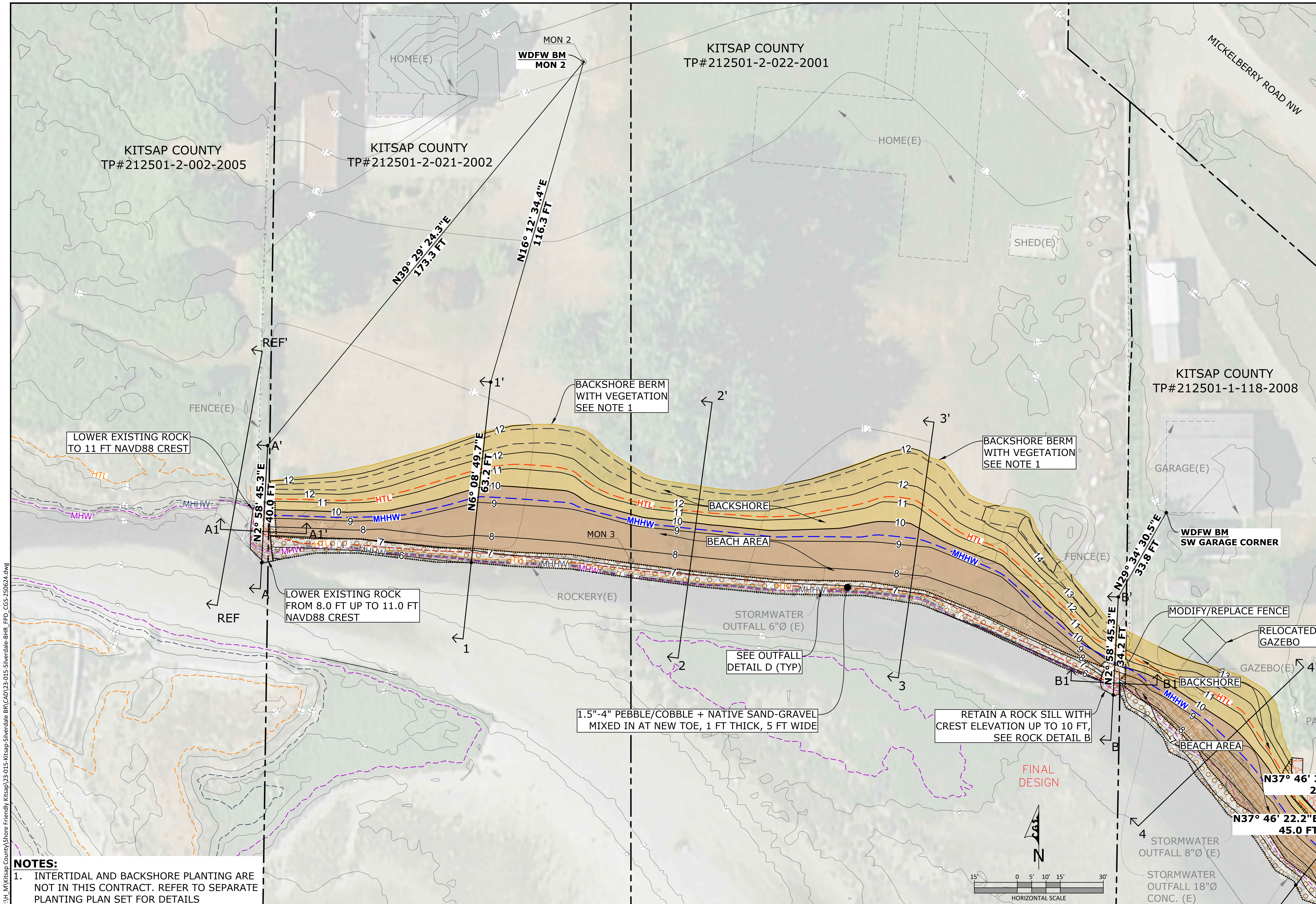
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 OF: 12

REVISIONS	
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DESIGNED BY:	JWJ
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DATE SURVEYED:	2023
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**DYES INLET SHORELINE RESTORATION DESIGN**  
**PROPOSED CONDITIONS**  
NORTH SITE PLAN  
KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT

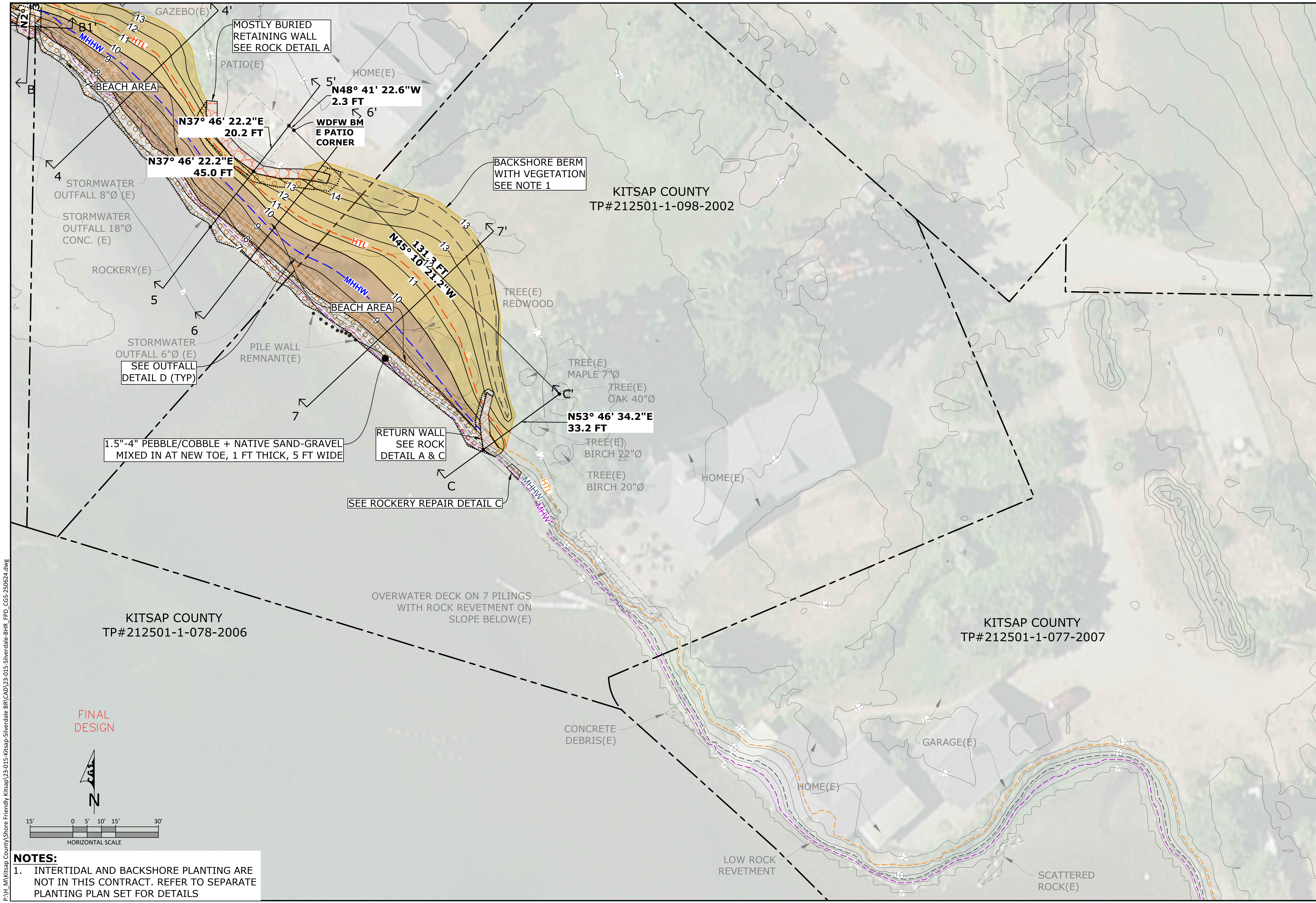


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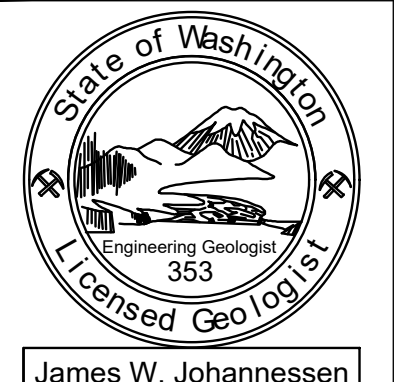
**NOTES:**  
1. INTERTIDAL AND BACKSHORE PLANTING ARE NOT IN THIS CONTRACT. REFER TO SEPARATE PLANTING PLAN SET FOR DETAILS

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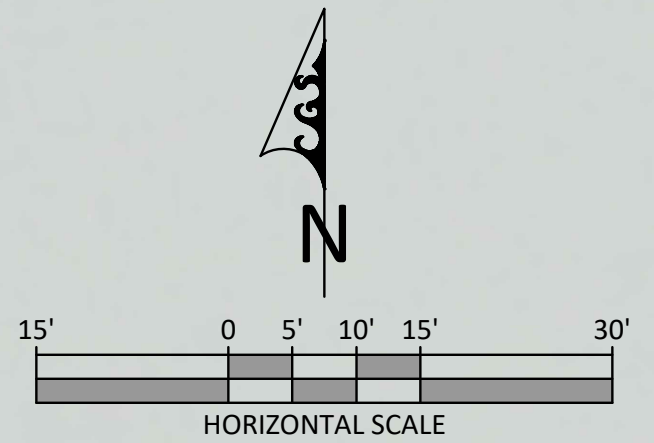
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**PROPOSED CONDITIONS**  
 SOUTH SITE PLAN  
 KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT



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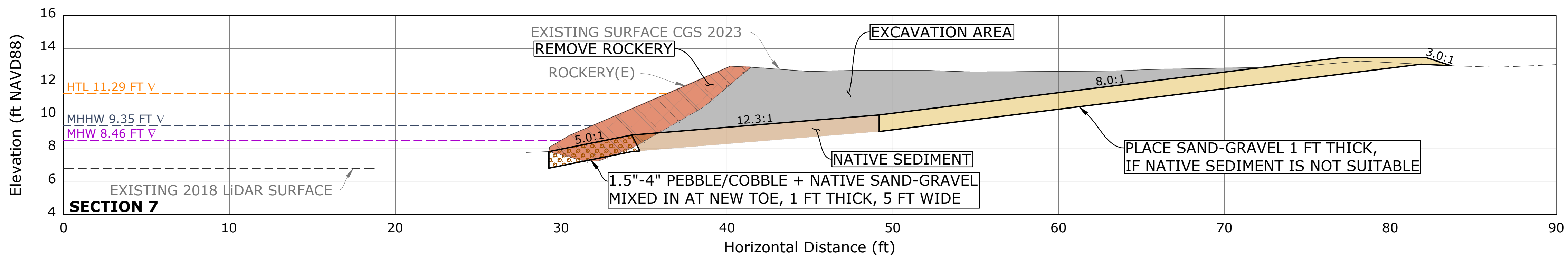
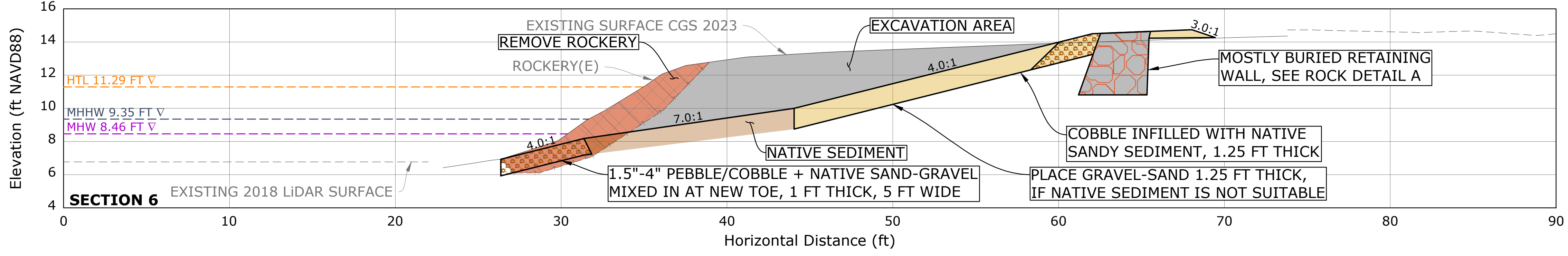
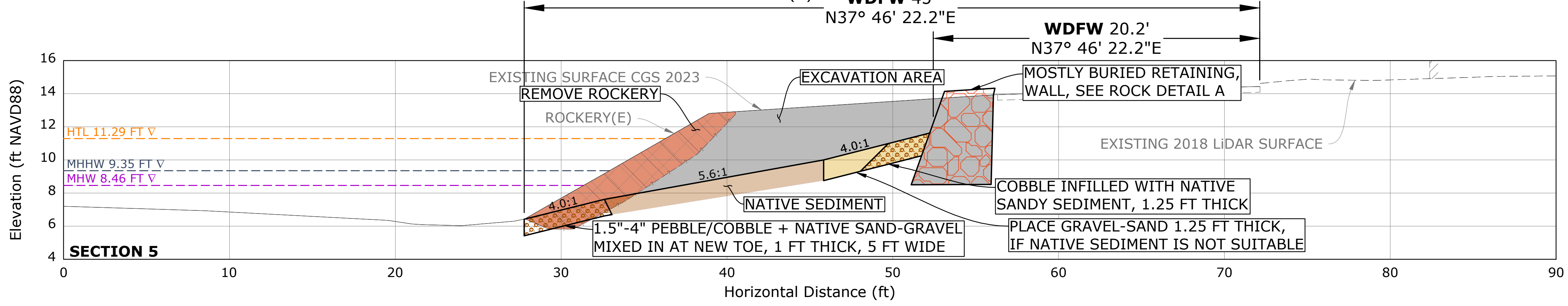
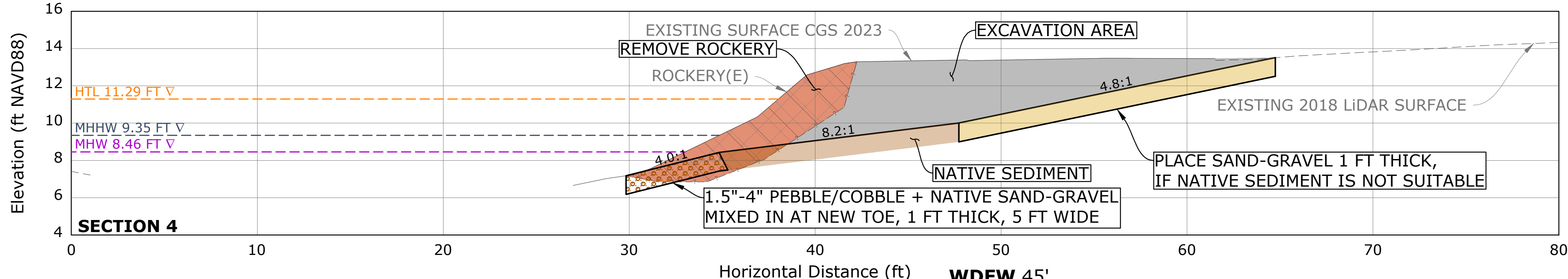
FINAL DESIGN



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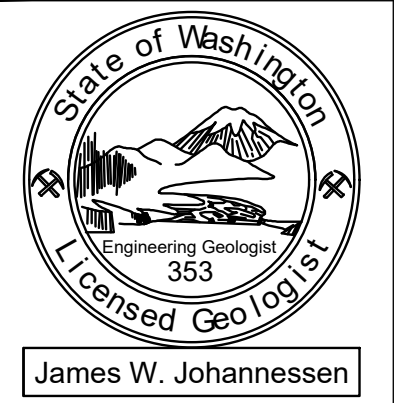


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REVISIONS	
DRAWN BY:	ADT
DESIGNED BY:	JWJ
CHECKED BY:	WJC
DATE SURVEYED:	2023
MAPPED BY:	CGS

**DYES INLET SHORELINE RESTORATION DESIGN**  
**PROPOSED CONDITIONS**  
SOUTH CROSS SECTIONS  
KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT

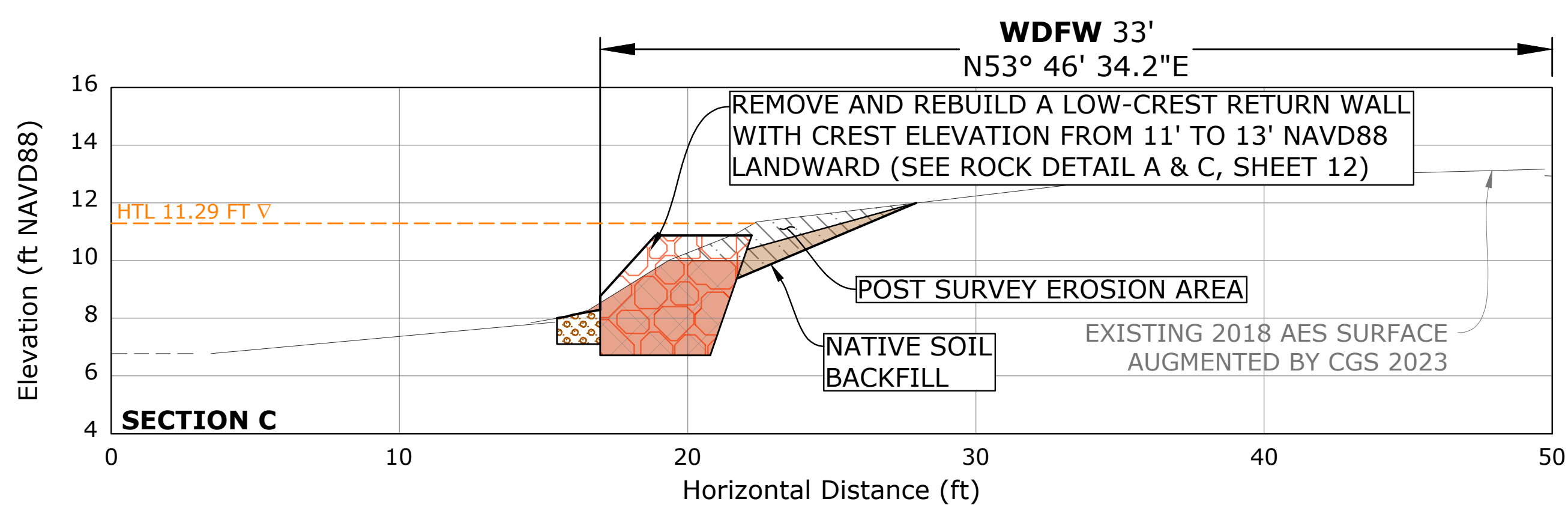
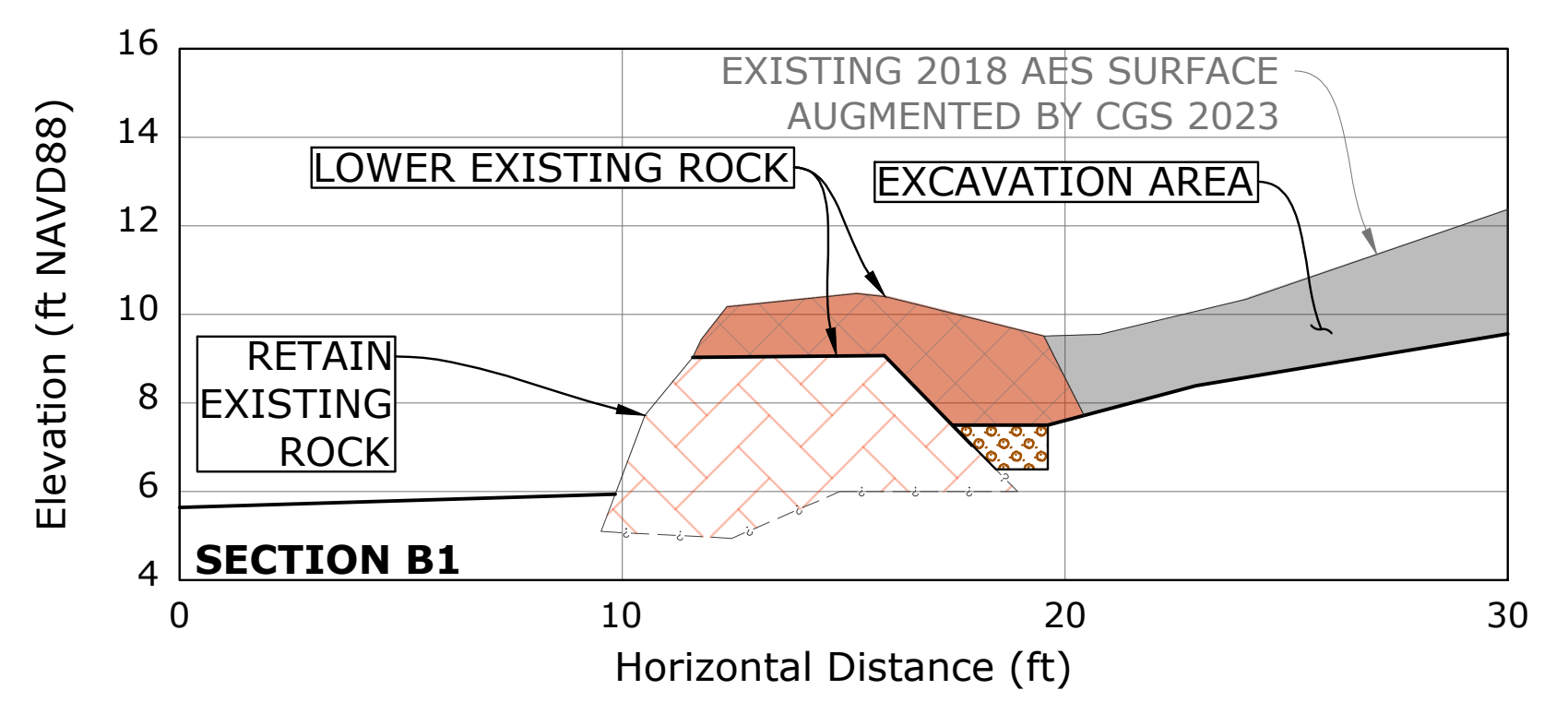
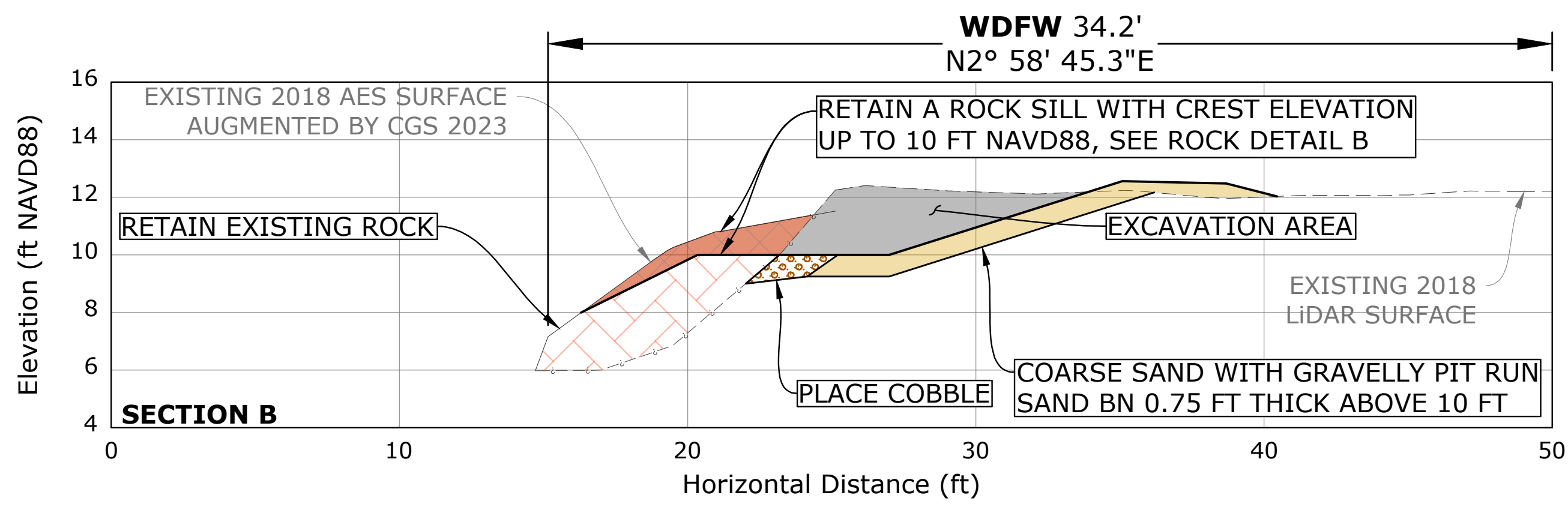
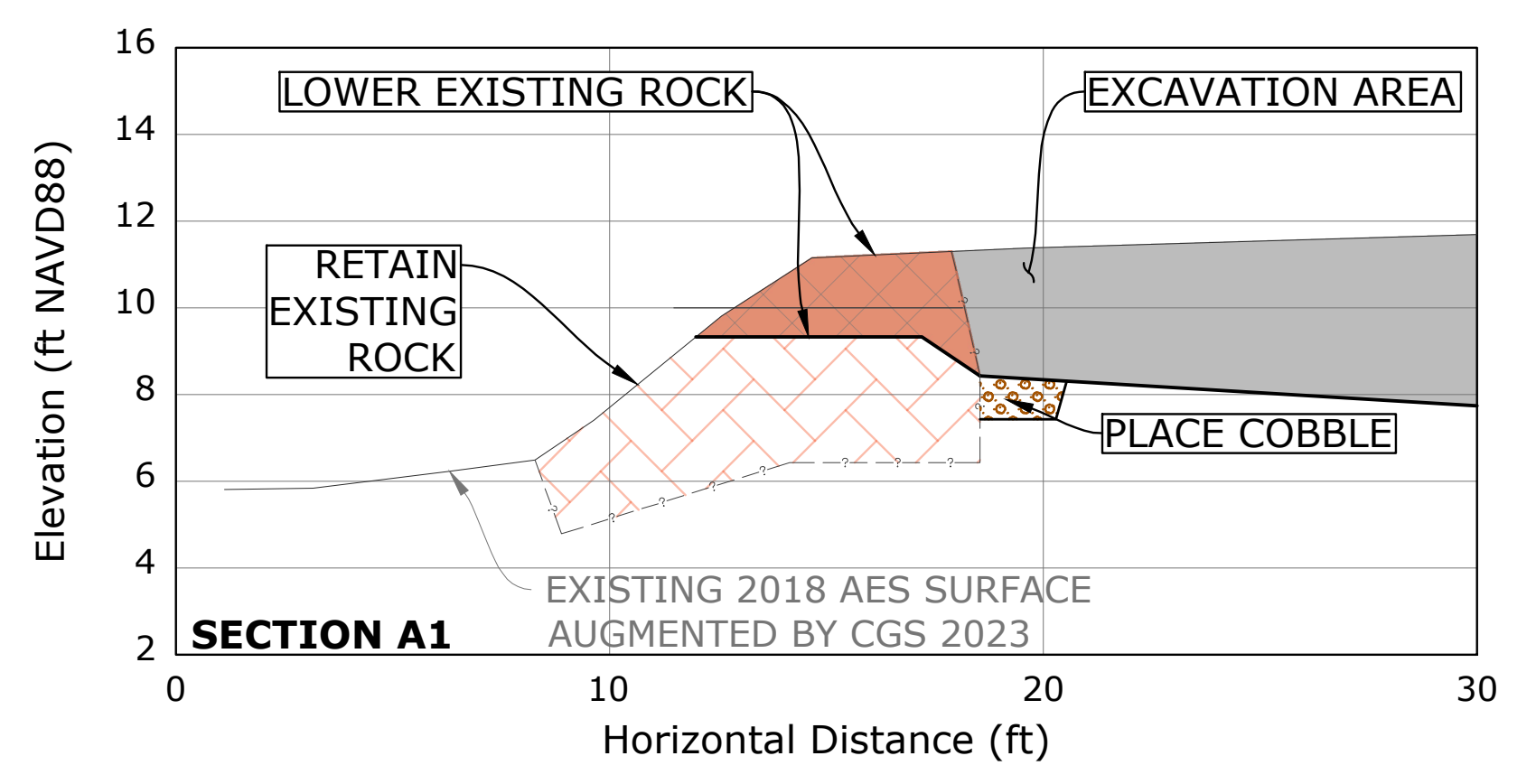
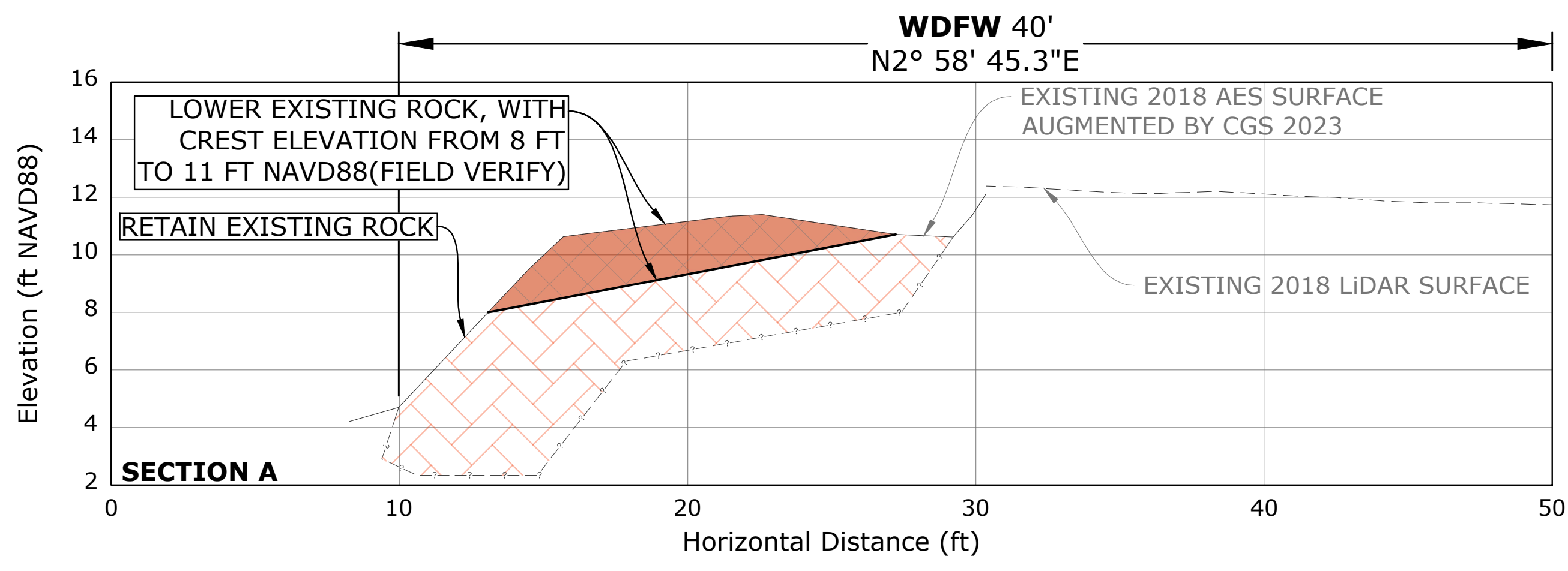


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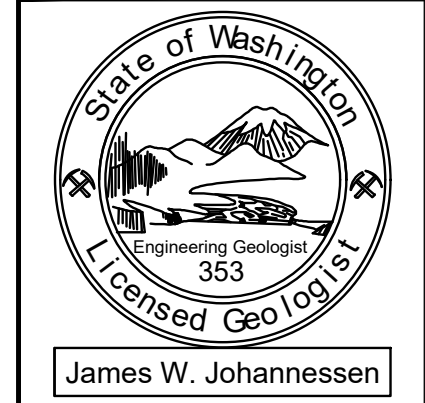
FINAL DESIGN

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REVISIONS	DRAWN BY:	DESIGNED BY:	CHECKED BY:	DATE SURVEYED:	MAPPED BY:
	ADT	JWJ	WJC	2023	CGS

**DYES INLET SHORELINE RESTORATION DESIGN**  
**PROPOSED CONDITIONS**  
 SOUTH CROSS SECTIONS  
 KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT



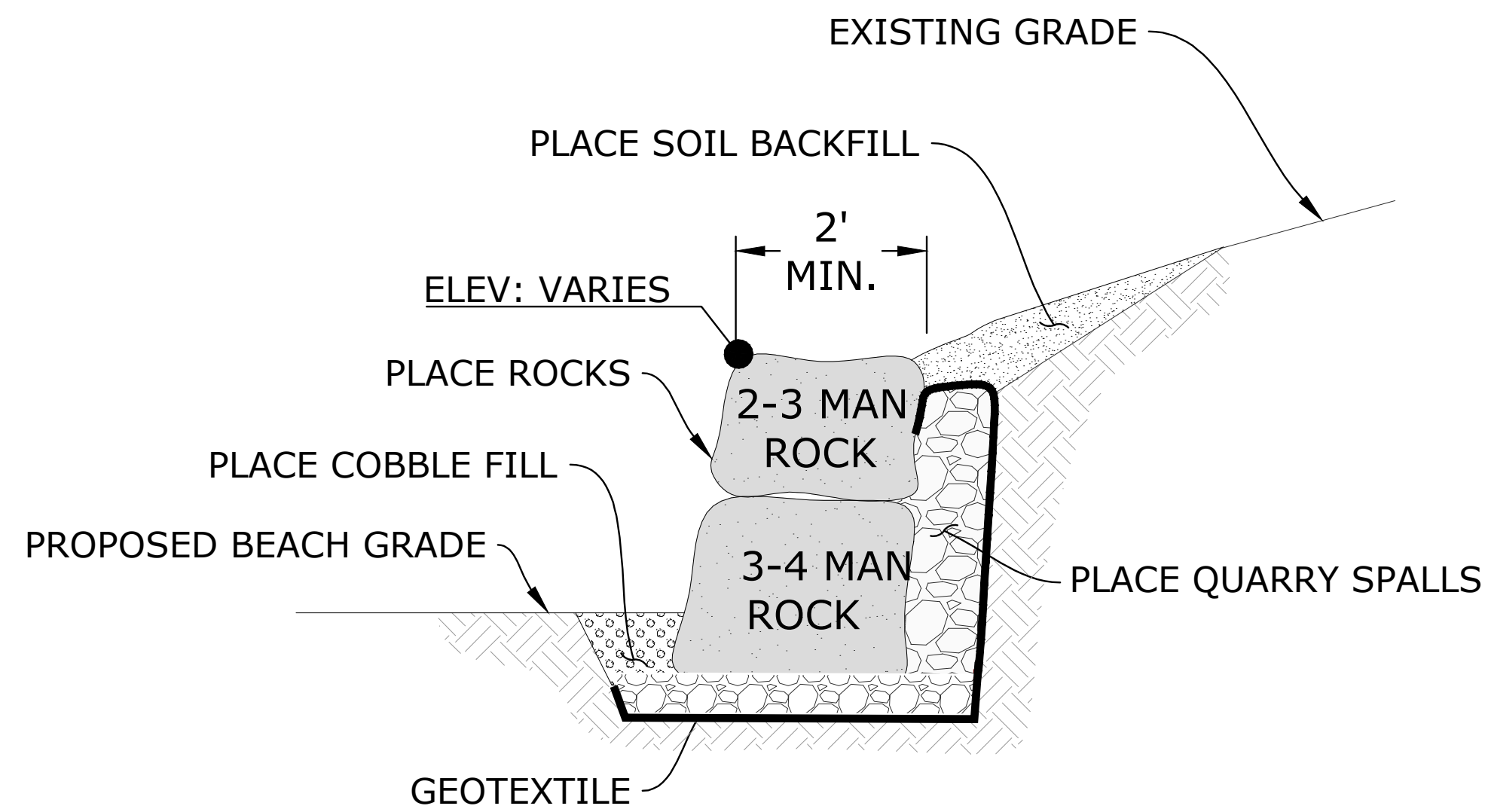
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DATE: 6/26/2025

SHEET:

FINAL DESIGN



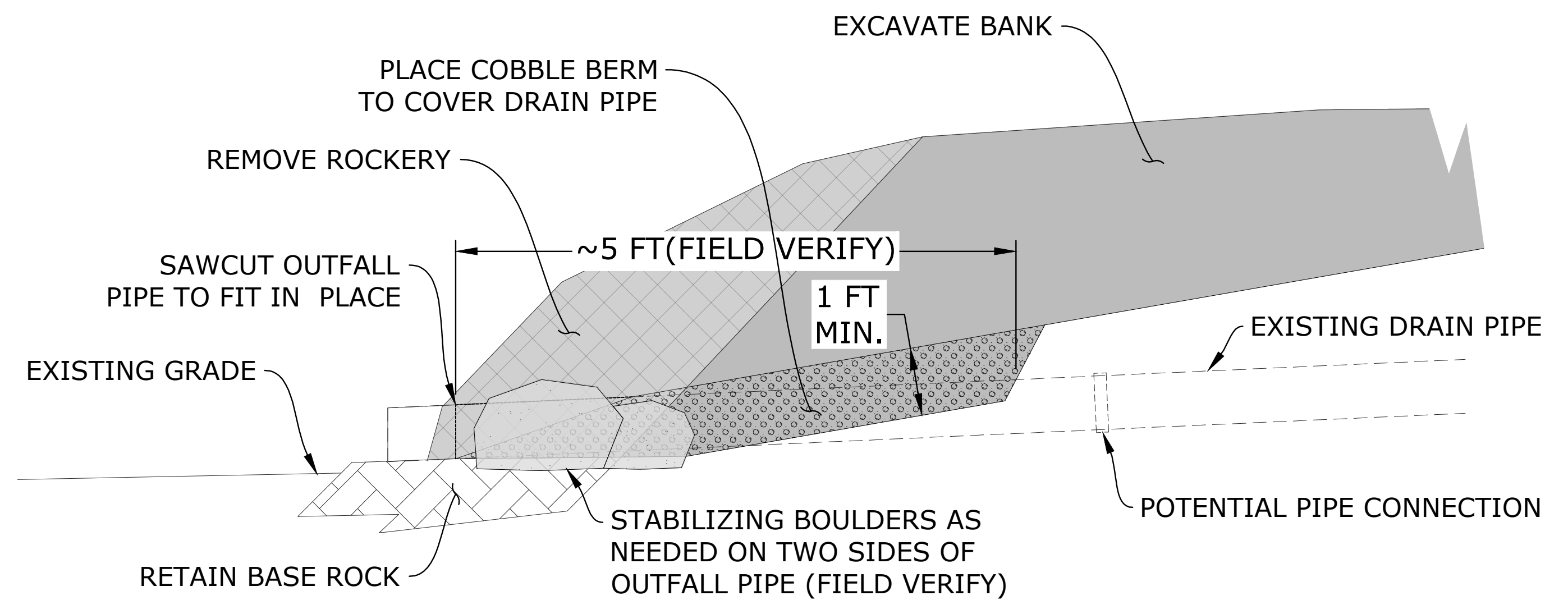
**A ROCK WALL DETAIL**  
(NOT TO SCALE)



**C ROCK RETURN WALL AT SECTION B**  
(ILLUSTRATION ONLY, NOT TO SCALE)



**B ROCK SILL AT SECTION B**  
(ILLUSTRATION ONLY, NOT TO SCALE)

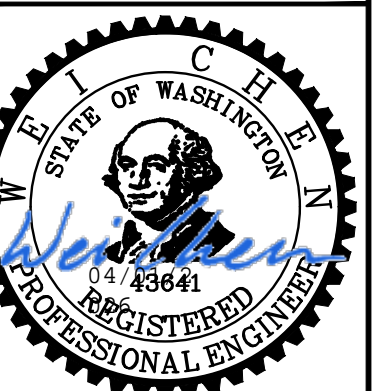


NOTE: IN CASE PIPE CONNECTION IS VISIBLE AFTER ROCKERY REMOVAL AND BANK EXCAVATION, SHORTEN THE INLAND DRAIN PIPE AND RECONNECT IT WITH THE OUTFALL PIPE (INSTEAD OF CUTTING THE OUTFALL END). SEE SPECIFICATIONS FOR MORE DETAIL.

**D STORMWATER OUTFALL DETAIL**  
(NOT TO SCALE)

REVISIONS	
DRAWN BY:	ADT
DESIGNED BY:	JWJ
CHECKED BY:	WJC
DATE SURVEYED:	2023
MAPPED BY:	CGS

**DYES INLET SHORELINE RESTORATION DESIGN**  
**PROPOSED CONDITIONS**  
DETAILS  
KITSAP COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT



DATUM: NAVD88  
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