

PORT OF TACOMA

MAINTENANCE DREDGING AT WUT AND PIER 3/4 (HUSKY) TERMINAL 2026

PROJECT NO. 202066/202067
CONTRACT NO. PA000000153

PORT COMMISSIONERS:

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RICHARD MARZANO
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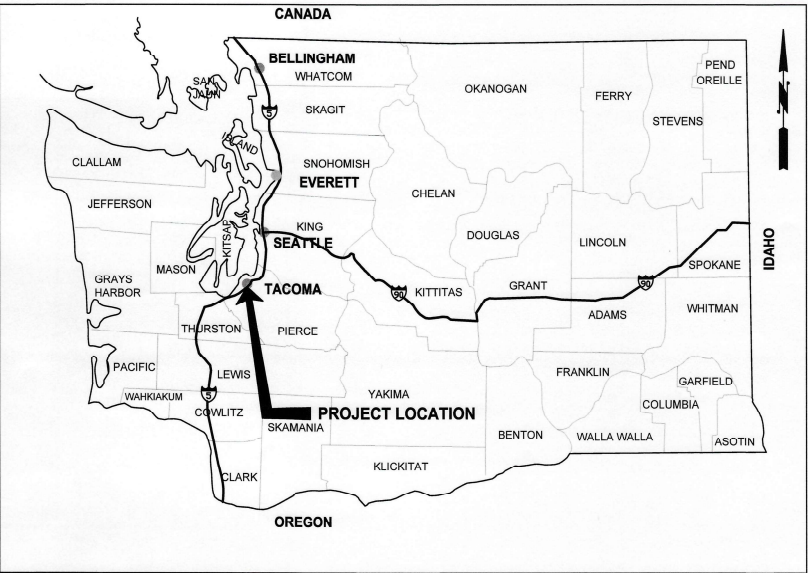
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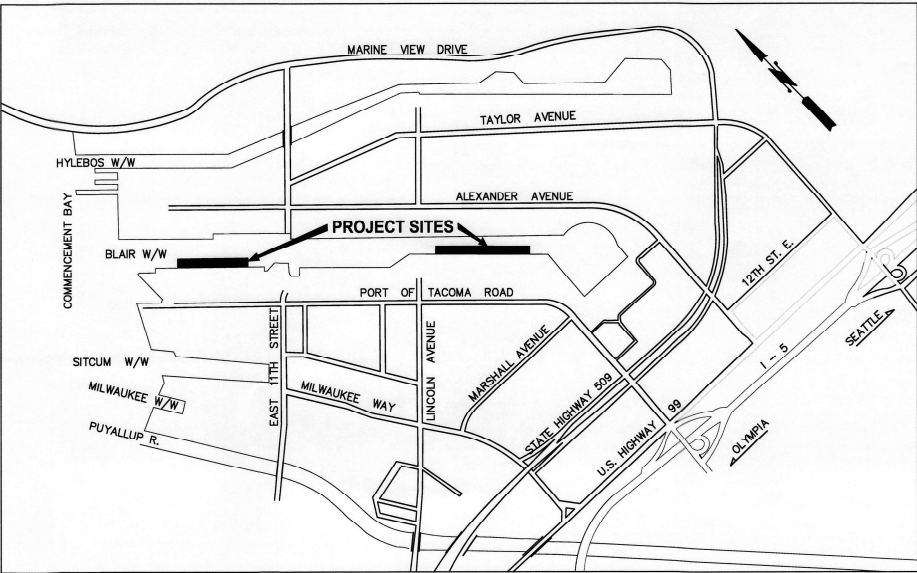


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AREA MAP WASHINGTON

NO SCALE



VICINITY MAP PORT OF TACOMA

NO SCALE

SHEET NO.	DRAWING NO.	DRAWING TITLE
1	G1.1	COVER SHEET, AREA MAP, VICINITY MAP, & DRAWING LIST
2	G1.2	GENERAL NOTES, SYMBOLS, & ABBREVIATION
3	G2.1	OVERALL SITE PLAN
4	C1.1	HUSKY DREDGE PLAN (SHEET 1 OF 2)
5	C1.2	HUSKY DREDGE PLAN (SHEET 2 OF 2)
6	C2.1	WUT DREDGE PLAN (SHEET 1 OF 2)
7	C2.2	WUT DREDGE PLAN (SHEET 2 OF 2)
8	C3.1	DREDGE SECTIONS

FOR BID

6738
G1.1
1 OF 8

CONT/CONS: PA000000153
M. ID: 202066/202067
PHASE: FOR BID

MAINTENANCE DREDGING AT WUT
AND PIER 3/4 (HUSKY) TERMINAL 2026
COVER SHEET, AREA MAP, VICINITY MAP, & DRAWING LIST

TOWNSHIP: 21 RANGE: 03 SECTION: 34
DAT-HRZ: NAD 83-07 VERT: NOS TIDAL (MLLW=0.0)
DRAWING SCALE: AS SHOWN

APPROVED: *[Signature]* CE 5/26/26
CHECKED BY: *[Signature]* JV 5/26/26
DATE: 5/26/26
DIRECTOR ENG. DATE: 5/26/26
PRINTED BY: USJ/675558 May 25, 2026
PORT ADDRESS: 1101 PORT OF TACOMA RD
TACOMA, WA 98421-3701



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GENERAL NOTES

NOTES BELOW ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES.

3. THESE NOTES CONTAIN GENERAL INFORMATION. CONTRACTOR SHALL VERIFY INFORMATION SHOWN ON THE DRAWINGS, IN THE SPECIFICATIONS, PERMITS, AND OTHER DOCUMENTS, AND BRING ANY CONFLICTS TO THE ATTENTION OF THE ENGINEER BEFORE BEGINNING THE AFFECTED WORK. THE ENGINEER WILL RESOLVE ANY SUCH CONFLICTS. SEE THE SPECIFICATIONS FOR AVAILABLE REFERENCE DOCUMENTS.
2. THE EXISTING WASHINGTON UNITED TERMINAL, PIERS 3/4 (HUSKY) TERMINAL, AND BLAIR WATERWAY CHANNEL WILL BE IN OPERATION DURING CONSTRUCTION. THE CONTRACTOR SHALL KEEP ITS WORKERS, MATERIAL, AND EQUIPMENT CLEAR OF ALL WASHINGTON UNITED TERMINAL AND PIER 3/4 (HUSKY) TERMINAL OPERATIONS AND SHALL NOT IN ANY WAY HINDER OR DISRUPT OPERATIONS.
3. THE CONTRACTOR MUST STRICTLY FOLLOW ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS.
4. THE CONTRACTOR MUST ABIDE BY ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL PROTECTION STANDARDS, LAWS, REGULATIONS, AND PERMITS.
5. THE CONTRACTOR MUST COORDINATE ALL WORK WITH THE PORT WITH REGARD TO ACCESS TO THE PROJECT SITE.
6. THE CONTRACTOR MUST PREVENT DEBRIS FROM ENTERING THE WATER AND MUST IMMEDIATELY REMOVE ALL DEBRIS THAT INADVERTENTLY FALLS IN THE WATER.
7. ALL EXISTING FEATURES AND STRUCTURES DESIGNATED TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION, AS DETERMINED BY THE ENGINEER, MUST BE REPAIRED BY THE CONTRACTOR AT ITS OWN EXPENSE.
8. ALL INGRESS AND EGRESS TO THE WASHINGTON UNITED TERMINAL AND PIER 3/4 (HUSKY) TERMINAL SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES UNLESS APPROVED BY THE PORT TWO WEEKS PRIOR TO SCHEDULED OBSTRUCTION. CONSTRUCTION EQUIPMENT MUST NOT BE PERMITTED TO OBSTRUCT ROADWAYS, PASSAGEWAYS, BERTH, AND/OR NAVIGATION CHANNEL.
9. ALL PRECAUTIONS MUST BE TAKEN AS REQUIRED TO PREVENT CONTAMINATED WATER, FUEL OR ANY OTHER CONTAMINANTS FROM ENTERING THE WATERWAY DURING THE CONTRACT WORK. THE CONTRACTOR MUST PROMPTLY RESPOND TO AND CLEAN UP ANY SPILLS OF FUEL, LUBRICANTS OR OTHER CONTAMINANTS DURING CONTRACT WORK. THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A SPILL PROTECTION, CONTAINMENT AND CLEANUP (SPCC) PLAN FOR USE DURING ALL CONSTRUCTION ACTIVITIES.
10. CONTRACTOR PRE- AND POST-DREDGE SURVEYS WILL BE COMPLETED BY A THIRD-PARTY SURVEYOR.
11. TRANSPORTATION WORKER IDENTIFICATION CARD (TWIC) REQUIRED FOR CONTRACTOR LANDSIDE TERMINAL ACCESS TO PORT.
12. THE CONTRACTOR MUST BE SOLELY RESPONSIBLE FOR CALCULATIONS AND DETERMINATIONS OF STRUCTURE CAPACITY FOR THE ANTICIPATED LOADS OF THE CONSTRUCTION EQUIPMENT AND MATERIALS TO BE USED.

DREDGING NOTES

1. EXISTING CONTOURS SHOWN WERE DEVELOPED BY THE U.S. ARMY CORPS OF ENGINEERS, SEATTLE DISTRICT. DATA SURVEY WAS CONDUCTED IN 2025.
2. ANY MATERIALS THAT SLOUGH OR SETTLE AT THE TOE OF SLOPES DURING OR SUBSEQUENT TO SLOPE DREDGING SHALL BE REMOVED BY ADDITIONAL DREDGING.
3. DISPOSE OF DREDGE MATERIALS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, PERMITS, AND THESE DRAWINGS. ALL SUITABLE DREDGE MATERIAL SHALL BE DISPOSED OF AT THE COMMENCEMENT BAY OPEN-WATER DREDGED MATERIAL DISPOSAL SITE (DMMP DISPOSAL SITE, SEE G2.1).
4. MONITOR WATER QUALITY DURING DREDGING OPERATIONS IN ACCORDANCE WITH THE PROJECT PERMITS.
5. IN-WATER WORK SHALL OCCUR ONLY DURING THE IN-WATER WORK WINDOW OF JULY 15 TO FEBRUARY 14.

SURVEY CONTROL NOTES

1. CONTROL AND WORK POINTS FOR THE PROJECT ARE SHOWN ON SHEETS C1.1 THROUGH C2.2. ALL COORDINATES SHOWN ARE BASED ON WASHINGTON STATE PLANE, SOUTH ZONE, (NAD83). VERTICAL DATUM IS MEAN LOWER LOW WATER (MLLW) AS DEFINED BY NOAA FOR COMMENCEMENT BAY.

TIDES

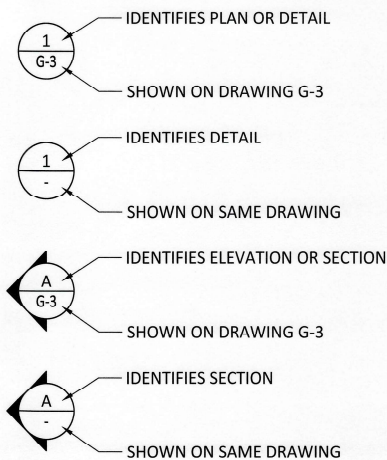
TIDAL DATA OBTAINED FROM NOAA WEBSITE FOR STATION 9446484 FOR THE 1983-2001 EPOCH ARE AS FOLLOWS:

EXTREME HIGH WATER (EHW)	14.87 (FEET)
MEAN HIGHER HIGH WATER (MHHW)	11.78 (FEET)
MEAN SEA LEVEL (MSL)	6.84 (FEET)
MEAN LOWER LOW WATER (MLLW)	0.00 (FEET)
EXTREME LOW WATER (ELW)	-4.73 (FEET)

ABBREVIATIONS

AM	ADVANCED MAINTENANCE
BML	BELOW MUD LINE
EHW	EXTREME HIGH WATER
EL	ELEVATION
ELW	EXTREME LOW WATER
EXIST	EXISTING
HDPE	HIGH DENSITY POLYETHYLENE
MHHW	MEAN HIGHER HIGH WATER
MIN	MINIMUM
MLLW	MEAN LOWER LOW WATER
MSL	MEAN SEA LEVEL
NOAA	NATIONAL OCEANIC ATMOSPHERIC ADMINISTRATION
OD	OVER DREDGE
TYP	TYPICAL
USACE	UNITED STATES ARMY CORPS OF ENGINEERS
WP	WORKPOINT
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
WUT	WASHINGTON UNITED TERMINAL
WW	WATERWAY

SYMBOLS



FOR BID

6738
G1.2
2 OF 8

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M. ID:	202066/202067
PHASE: FOR BID	

**MAINTENANCE DREDGING AT WUT
AND PIER 3/4 (HUSK'Y) TERMINAL 2026
GENERAL NOTES, SYMBOLS, & ABBREVIATION**

GENERAL NOTES, SYMBOLS, & ABBREVIATION

TOWNSHIP: 21	RANGE: 03	SECTION: 34
DAT-HRZ: NAD 83-07	VERT: NOS TIDAL (MLLW=0.0)	

PARCEL:	DRAWING SCALE:	AS SHOWN
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APPROVED:

CHKDATE 10/2/20

DIRECTOR ENG. DATE
PRINTED BY: USJV67

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JV	5/26/26	CHECKED BY DATE
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PROJ. ENGR	DATE
5558	May 25, 2026



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BY:	
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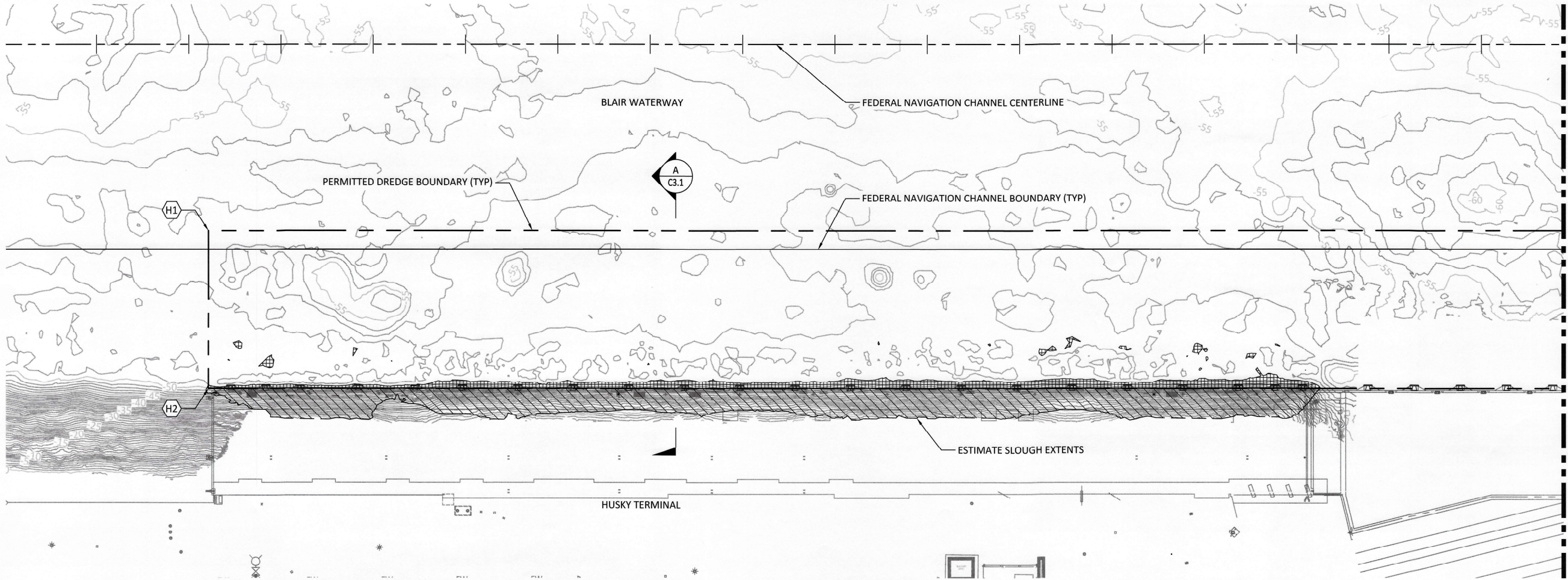
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SEE SHEET C1.2

NOTES

- CONTRACTOR SHALL DREDGE ALL SEDIMENT INDICATED ON THIS PLAN AND SECTIONS, IN ADDITION TO ANY AREAS ABOVE THE DESIGN DREDGE ELEVATION IDENTIFIED IN THE PRE-DREDGE SURVEY. DREDGING SHALL NOT EXTEND BEYOND LIMITS SHOWN. STOP WORK AND NOTIFY ENGINEER IMMEDIATELY IF DREDGING EXTENDS INTO EXISTING RIP RAP.
- DREDGE DEPTH SHALL NOT GO BEYOND THE OVERDREDGE ALLOWANCE SHOWN OR BEYOND THE HORIZONTAL LIMITS INDICATED.
- IT IS ASSUMED THAT THE SOILS UPSLOPE OF THE DREDGE LIMIT AND BELOW THE EXISTING STRUCTURES WILL SLOUGH DURING AND AFTER DREDGING OPERATIONS. AS A FINAL ITEM OF WORK THE CONTRACTOR SHALL MAKE ONE PASS ALONG THE FACE OF WHARF TO REMOVE ANY SLOUGHED MATERIAL TO DESIGN DEPTH.
- CONTRACTOR SHALL COORDINATE ALL DREDGING ACTIVITIES AND SCHEDULE WITH THE PORT AND EXISTING TERMINAL OPERATIONS.
- SEE SPECIFICATIONS FOR ADDITIONAL DREDGING AND DISPOSAL REQUIREMENTS.
- ALL DREDGE MATERIAL SHALL BE DISPOSED OF WITHIN THE COMMENCEMENT BAY OPEN WATER DISPOSAL SITE AND IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS, SEE SHEET G2.1.
- A 12"x12" DEBRIS SCREEN SHALL BE USED.
- DESIGN DREDGE ELEVATION = -51 FT MLLW
-PAYABLE OVERDREDGE = 1 FT MAXIMUM (-51 TO -52 FT MLLW)
-OVERDREDGE ALLOWANCE = 2 FT MAXIMUM (-51 TO -53 FT MLLW)

HUSKY TERMINAL DREDGE PLAN

SCALE: 1" = 60'

60 0 60 120
scale feet

DREDGE BOUNDARY - HORIZONTAL CONTROL		
POINT ID	NORTHING	EASTING
H1	714699.85	1165512.27
H2	714577.78	1165393.96

LEGEND

- APPROXIMATE DREDGE PRISM
- APPROXIMATE SLOUGH AREA
- PERMITTED DREDGE BOUNDARY
- ESTIMATED SLOUGH EXTENTS
- FEDERAL NAVIGATION CHANNEL BOUNDARY
- EXISTING CONTOUR
- DREDGE CONTOUR
- DREDGE BOUNDARY COORDINATE

FOR BID

6738

C1.1

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MAINTENANCE DREDGING AT WUT
AND PIER 3/4 (HUSKY) TERMINAL 2026
HUSKY DREDGE PLAN (SHEET 1 OF 2)

TOWNSHIP: 21 RANGE: 03 SECTION: 34
DAT-HRZ: NAD 83-07 VERT: NOS TIDAL (MLLW=00)
PARCEL: DRAWING SCALE: AS SHOWN

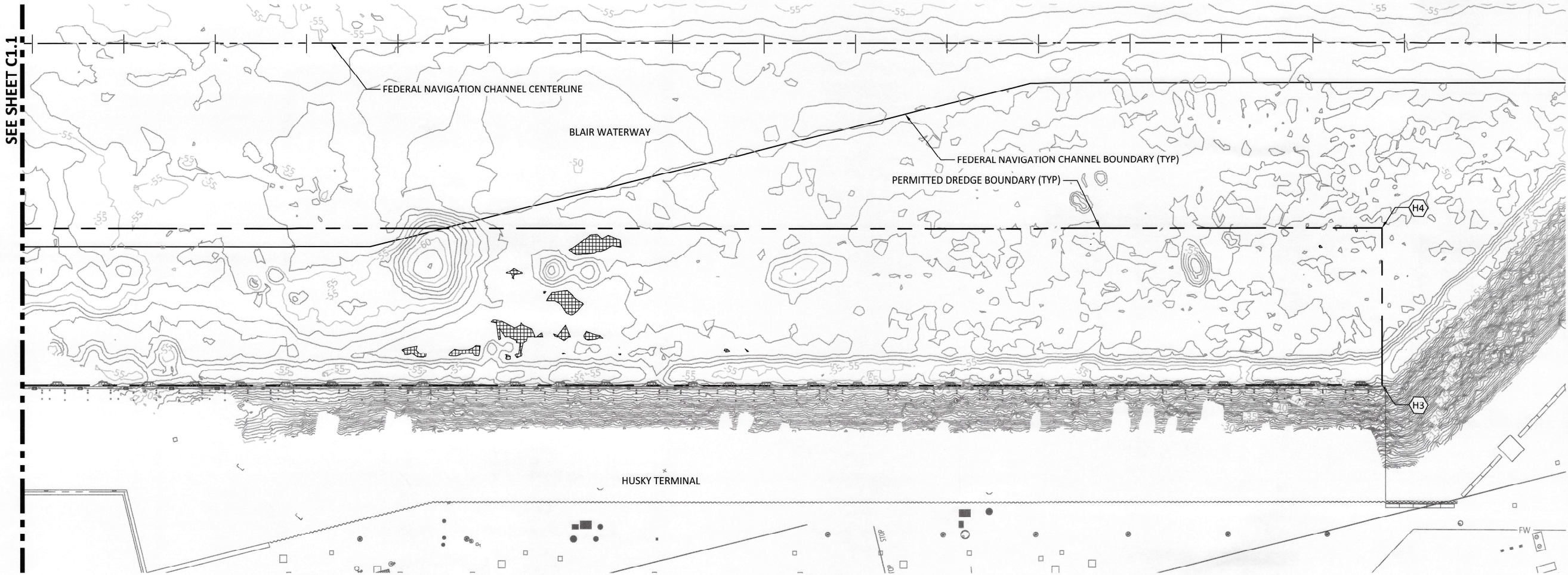


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NOTES

1. SEE NOTES ON C1.1.

HUSKY TERMINAL DREDGE PLAN
SCALE: 1" = 60'



DREDGE BOUNDARY - HORIZONTAL CONTROL		
POINT ID	NORTHING	EASTING
H3	712521.74	1167515.41
H4	712643.81	1167633.72

- LEGEND**
- [Grid Pattern] APPROXIMATE DREDGE PRISM
 - [Diagonal Lines] APPROXIMATE SLOUGH AREA
 - [Dashed Line] PERMITTED DREDGE BOUNDARY
 - [Long Dashed Line] ESTIMATED SLOUGH EXTENTS
 - [Solid Line] FEDERAL NAVIGATION CHANNEL BOUNDARY
 - [XX] EXISTING CONTOUR
 - [XX] DREDGE CONTOUR
 - [XX] DREDGE BOUNDARY COORDINATE

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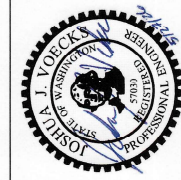
6738
C1.2
5 OF 8

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M. ID: 202066/202067
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MAINTENANCE DREDGING AT WUT
AND PIER 3/4 (HUSKY) TERMINAL 2026
HUSKY DREDGE PLAN (SHEET 2 OF 2)

TOWNSHIP: 21 RANGE: 03 SECTION: 34
DAT-HRZ: NAD 83-07 VERT: NOS TIDAL (MILLW=0.0)
DRAWING SCALE: AS SHOWN

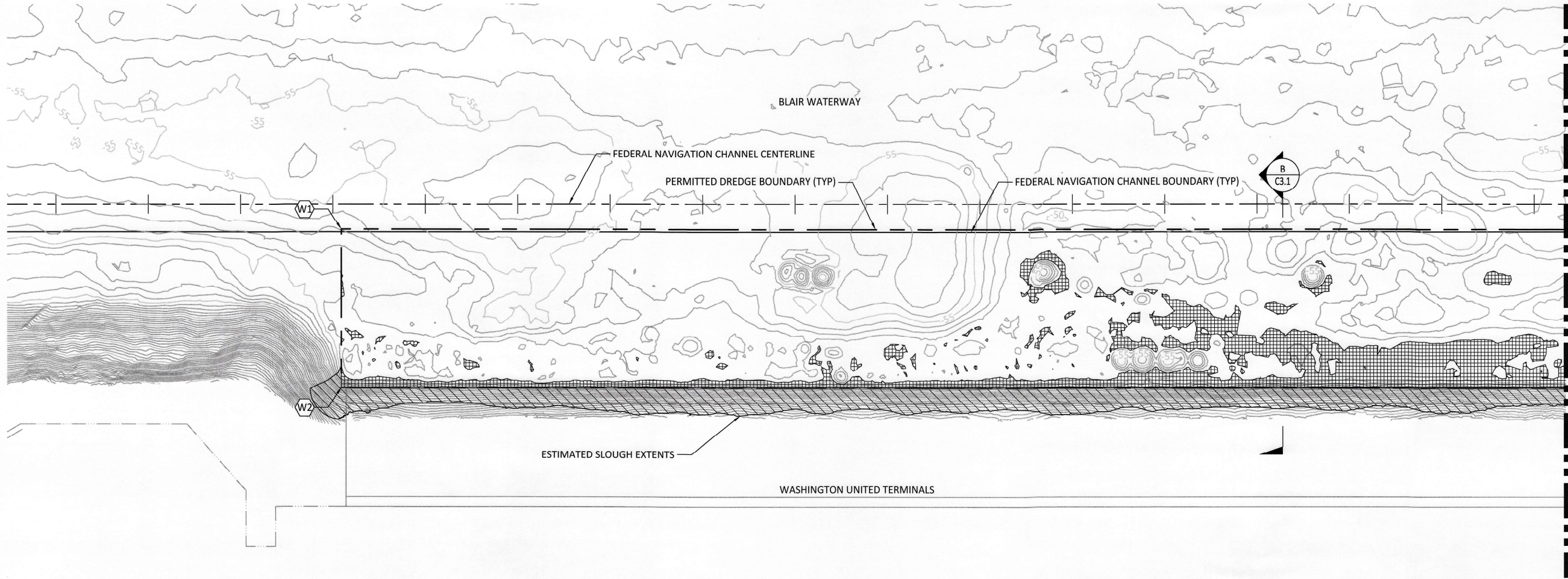
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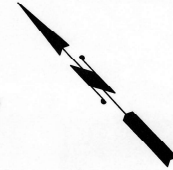
SEE SHEET C2.2

NOTES

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-OVERDREDGE ALLOWANCE = 2 FT MAXIMUM (-51 TO -53 FT MLLW)

WUT DREDGE PLAN

SCALE: 1" = 60'



DREDGE BOUNDARY - HORIZONTAL CONTROL		
POINT ID	NORTHING	EASTING
W1	710030.42	1170578.80
W2	709908.38	1170460.46

LEGEND

- APPROXIMATE DREDGE PRISM
- APPROXIMATE SLOUGH AREA
- PERMITTED DREDGE BOUNDARY
- ESTIMATED SLOUGH EXTENTS
- FEDERAL NAVIGATION CHANNEL BOUNDARY
- EXISTING CONTOUR
- DREDGE CONTOUR
- DREDGE BOUNDARY COORDINATE

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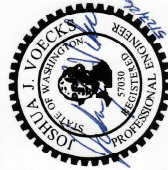
6738
C2.1
6 OF 8

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MAINTENANCE DREDGING AT WUT
AND PIER 3/4 (HUSKY) TERMINAL 2026
WUT DREDGE PLAN (SHEET 1 OF 2)

TOWNSHIP: 21 RANGE: 03 SECTION: 34
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PARCEL: AS SHOWN
DRAWING SCALE:

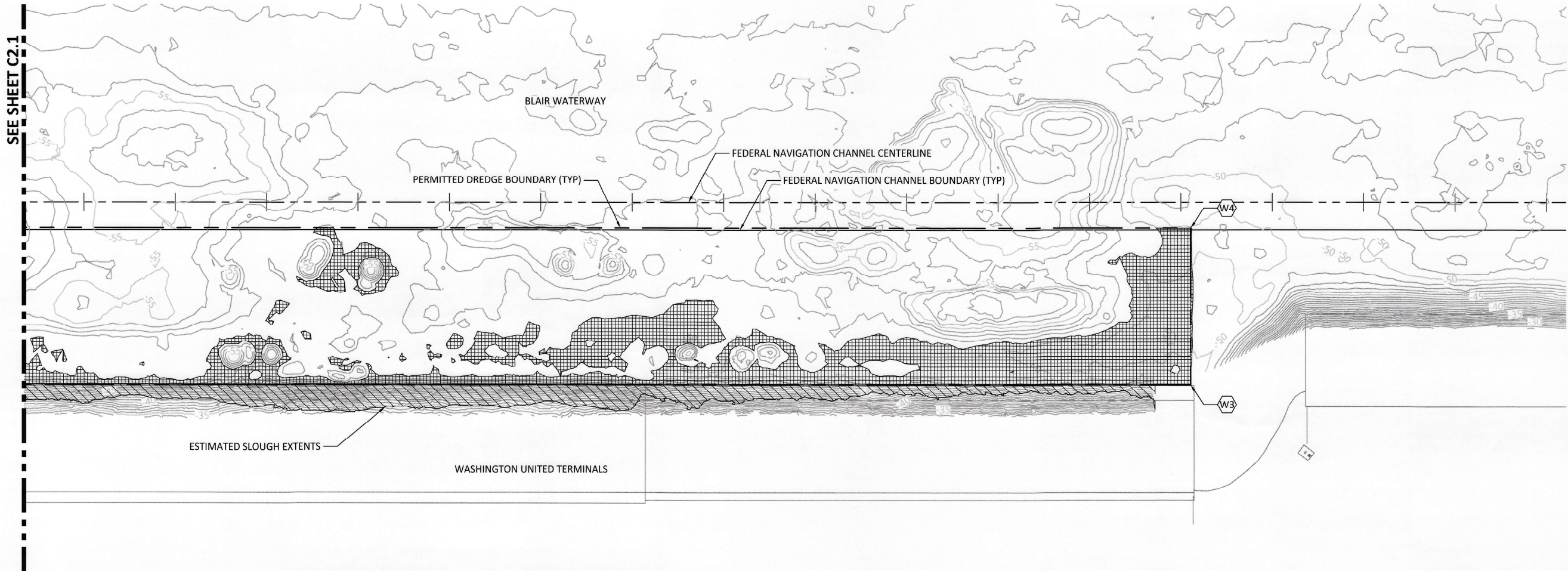
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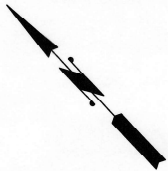


NOTES

- 1. SEE NOTES ON C2.1.

WUT DREDGE PLAN

SCALE: 1" = 60'



DREDGE BOUNDARY - HORIZONTAL CONTROL		
POINT ID	NORTHING	EASTING
W3	708097.39	1172327.92
W4	708219.44	1172446.27

LEGEND

- APPROXIMATE DREDGE PRISM
- APPROXIMATE SLOUGH AREA
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- ESTIMATED SLOUGH EXTENTS
- FEDERAL NAVIGATION CHANNEL BOUNDARY
- EXISTING CONTOUR
- DREDGE CONTOUR
- DREDGE BOUNDARY COORDINATE

FOR BID

6738
C2.2
7 OF 8

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MAINTENANCE DREDGING AT WUT
AND PIER 3/4 (HUSKY) TERMINAL 2026
WUT DREDGE PLAN (SHEET 2 OF 2)

TOWNSHIP:	21	RANGE:	03	SECTION:	34
DAT-HRZ:	NAD 83-07	VERT:	NOS TIDAL (MLLW+0.0)	DRAWING SCALE:	AS SHOWN
PARCEL:					

APPROVED:	CE	5/26/26
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5/26/26	JV	5/26/26
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