Annex A

Engineering Design Drawings Annex

US Army Corps of Engineers ®
Seattle District

FY22 P2-452555 SIER SPENCER ISLAND ESTUARY RESTORATION

EVERETT, WASHINGTON

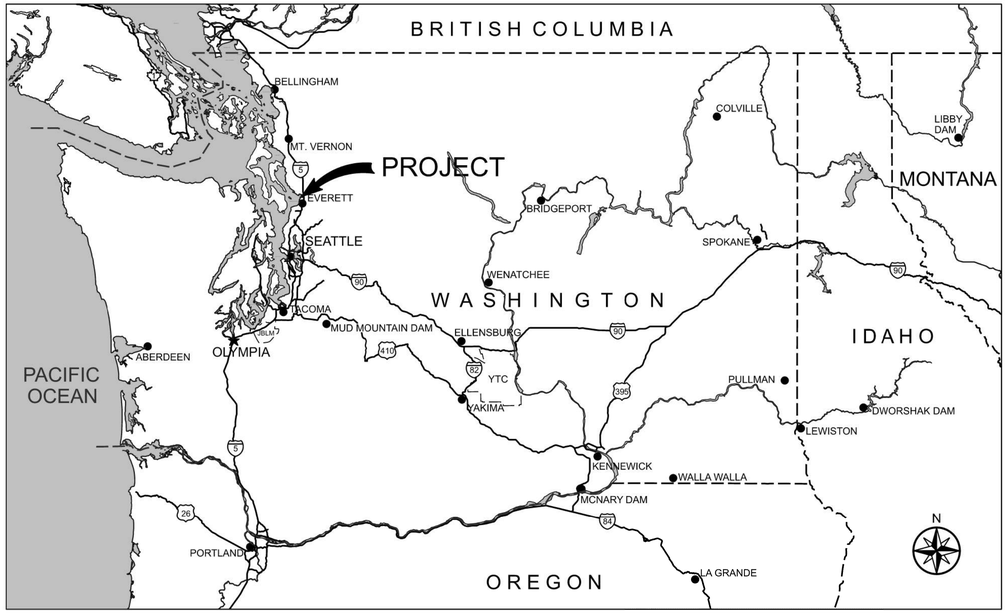
DATUM CONVERTION:

SPENCER ISLAND CONVERTION

FIXED DATUM NAVD88, FT	MLLW DATUM, FT
RIVERINE 100-YEAR WSE 16	18.34
COASTAL 100-YEAR WSE 12.43	14.77
HTL 11	13.34
MHHW 9.02	11.36
MTL 4.3	6.64
MLW 0.49	2.83
MLLW -2.34	0

GENERAL NOTES:

1. THIS DRAWING SET REPRESENTS A DRAFT 30% LEVEL OF DESIGN TO DEMONSTRATE PROJECT FEASIBILITY.
2. FINAL LOCATIONS AND ELEVATIONS AND FOOTPRINTS OF PROJECT FEATURES INDICATED WILL UNDERGO FURTHER REFINEMENT TO MINIMIZE ENVIRONMENTAL IMPACTS.
3. ANTICIPATED WORK WINDOW BELOW THE HIGH TIDE LINE IS 1-JUNE THROUGH 31-OCTOBER.
4. HORIZONTAL DATUM: STATE PLANE WASHINGTON NORTH ZONE, FEET.
5. VERTICAL DATUM: NAVD 88, FEET.
6. TOPOGRAPHIC DATA SOURCE: 3-FT X 3-FT LIDAR, SNOHOMISH COUNTY, 2019.



PROJECT VICINITY MAP
NTS

PROJECT LOCATION MAP
NTS

INDEX OF DRAWINGS

IF SHEET MEASURES LESS THAN 22" X 34" IT IS A REDUCED PRINT. REDUCE SCALE ACCORDINGLY.

FEASIBILITY LEVEL DESIGN
NOT FOR CONSTRUCTION

SAFETY FIRST

MARK	DESCRIPTION	DATE

US Army Corps of Engineers ®

DESIGNED BY: A. ROTHERY P.E.	ISSUE DATE: 02 FEB 2026
DRAWN BY: A. ROTHERY P.E.	SOLICITATION NO.:
CHECKED BY: J. WEST P.E.	CONTRACT NO.:
SUBMITTED BY: J. QUIRRAN	FILE NO.: E-2-8-364
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

TITLE, VICINITY MAP, PROJECT MAP, INDEX, GENERAL NOTES, AND DATUM

SHEET ID
G-001

Draft

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets/03_Sheets/FEASIBILITY PLAN AND PROFILE/-G-001CVR
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02 FEB 2026
02 FEB 2026

Spencer Island Ecosystem Restoration Project Existing Conditions

O:\BASINS\WestWA\Snohomish\Spencer Island\Base Map\Existing conditions feasibility planset.aprx

11/21/2025 9:46 AM

Legend

- Project Area
- Parcels_clipped

Topo_feet

Value

20

<0

Location Map

420 0 420

Feet

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A1 EXISTING CONDITIONS PLAN VIEW

SCALE: SEE NOTES

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DRAWN BY: A. ROTHERY
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

ISSUE DATE: 20 MAY 2024
SOLICITATION NO.:
CONTRACT NO.:
FILE NO.: E-2-8-364

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

EXISTING CONDITIONS PLAN VIEW

SHEET ID

CE101

Draft

...\...\FY22 P2-452555 SIER\...\CE101 EXISTING CONDITIONS PLAN VIEW.dgn
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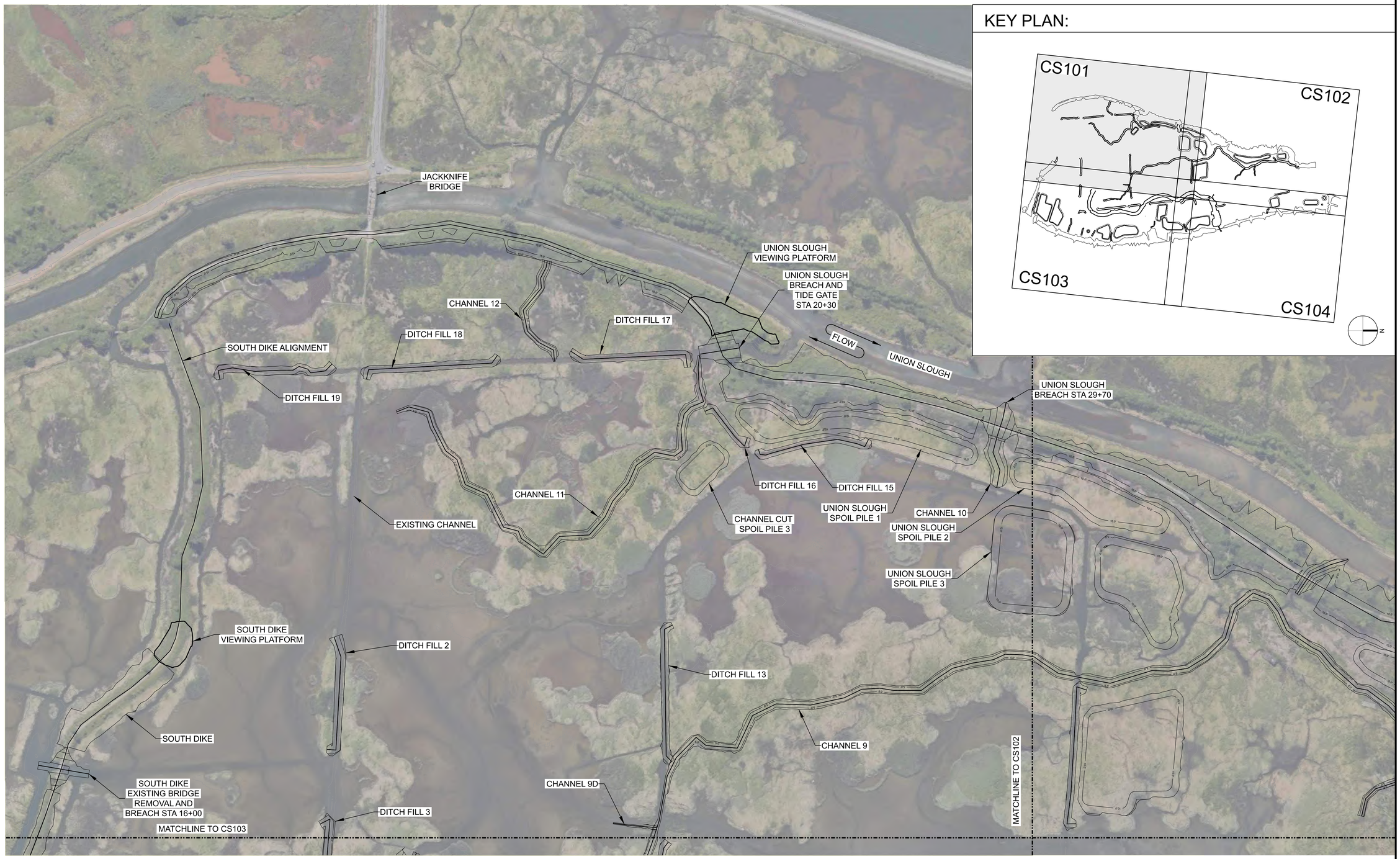

KEY PLAN:

A1 PROPOSED SITE PLAN 1
1" = 150'

N
0 150' 300'

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MARK	DESCRIPTION	DATE

DESIGNED BY: A. ROTHERY	ISSUE DATE: 30 SEP 2024
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. DURKAN	FILE NO.: E-2-8-384
SCALE: ANSI D	SIZE:

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FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

PROPOSED SITE PLAN 1

SHEET ID
CS101

35% DESIGN SUBMITTAL

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets 28JUL2024/03_Sheets/FEASIBILITY PLAN AND PROFILE/CS101 PROPOSED SITE PLAN 1.dgn
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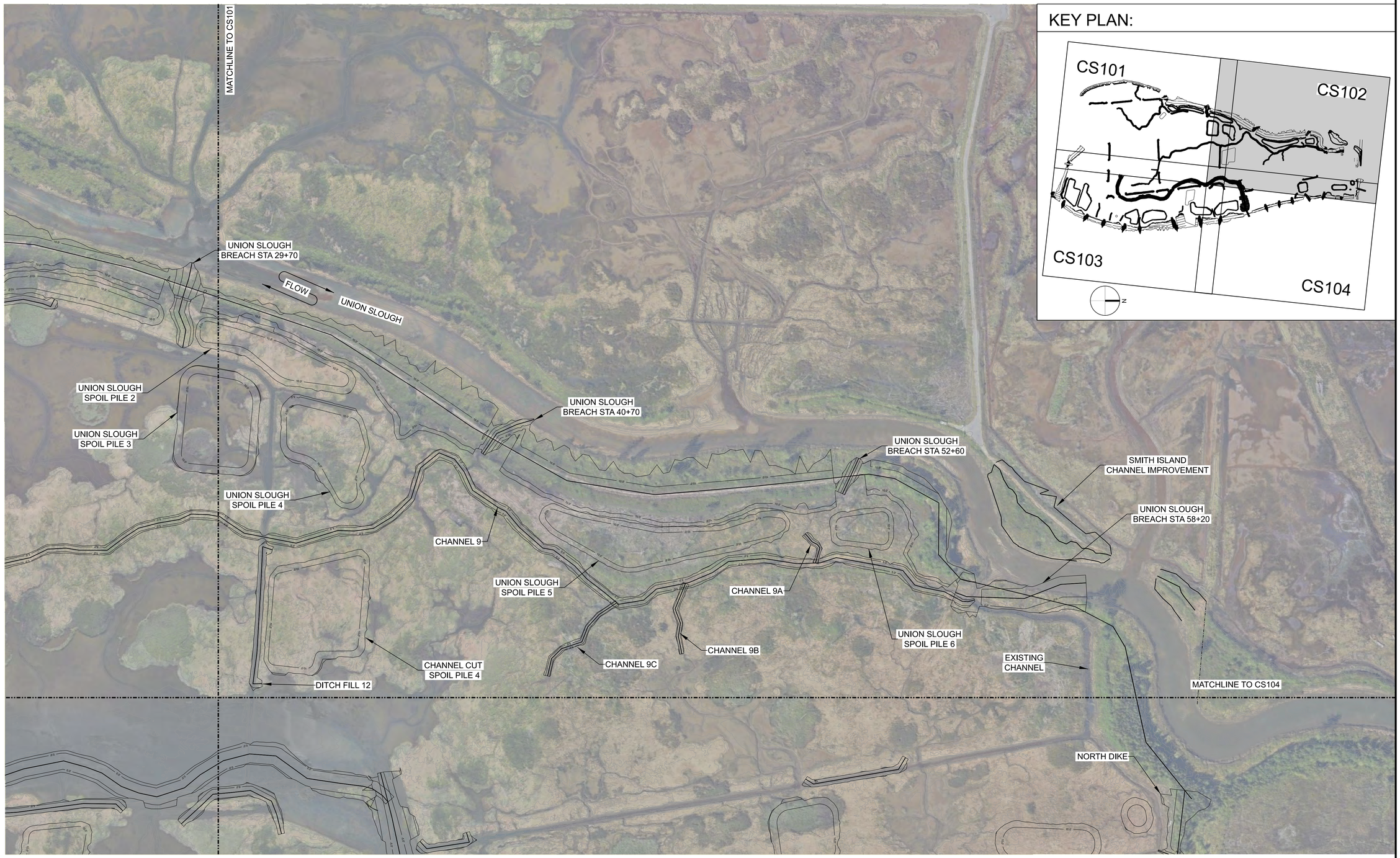

A1 PROPOSED SITE PLAN 2

1" = 150'

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CONTRACT NO.:
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SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

PROPOSED SITE PLAN 2

SHEET ID

CS102

Draft

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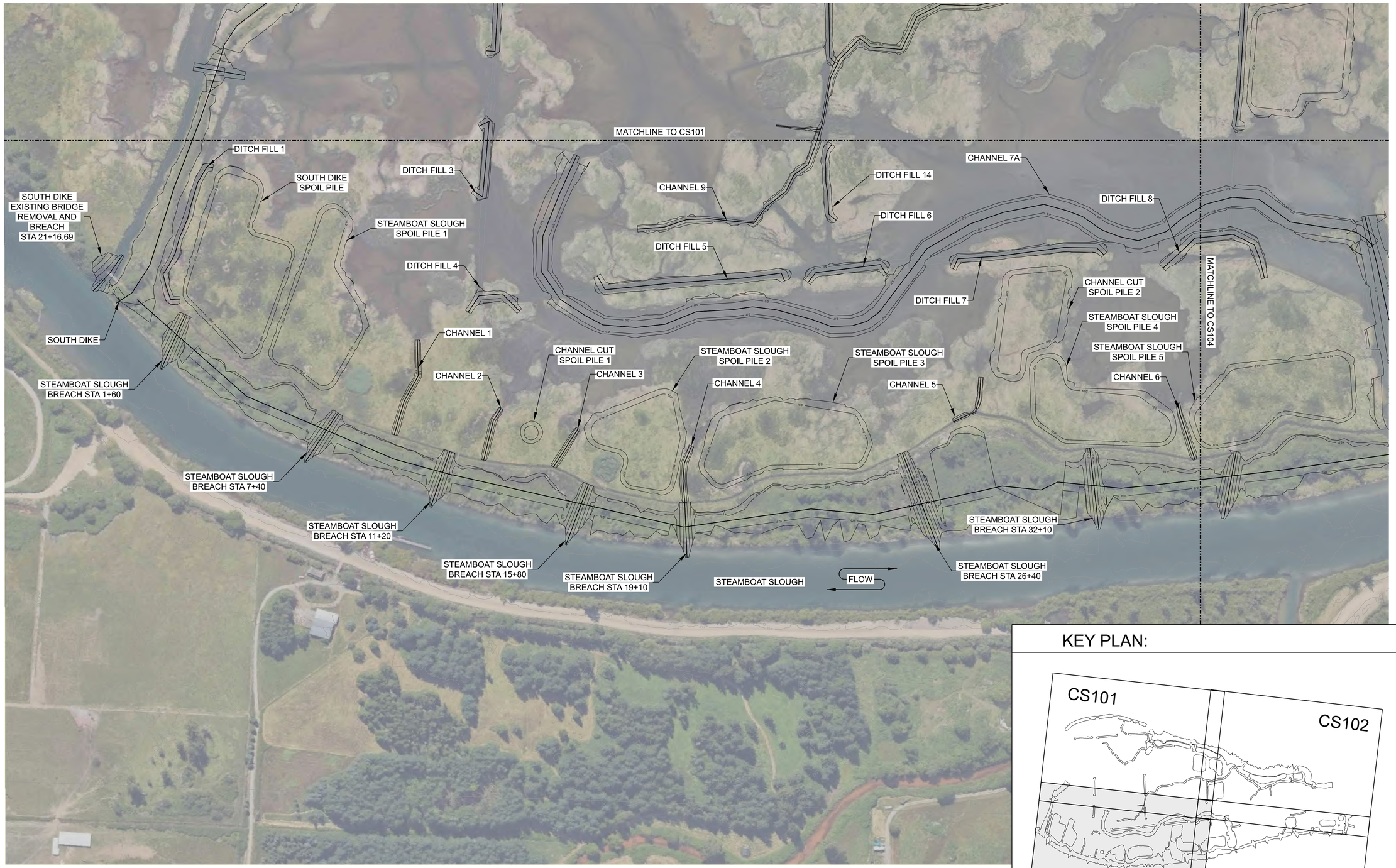


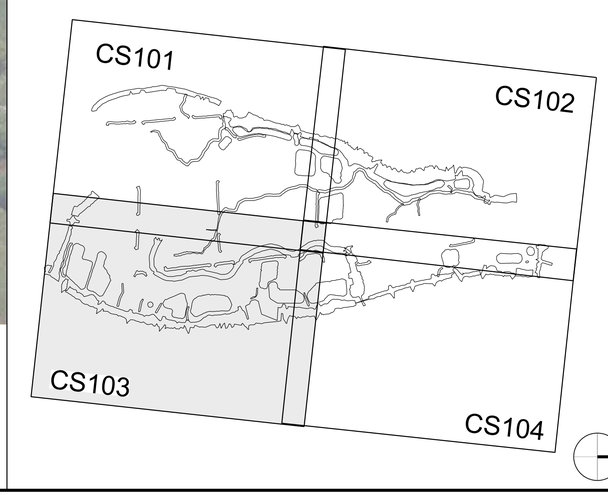
A1 PROPOSED SITE PLAN 3

1" = 150'

0 150' 300'

N

KEY PLAN:



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SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

PROPOSED SITE PLAN 3

SHEET ID

CS103

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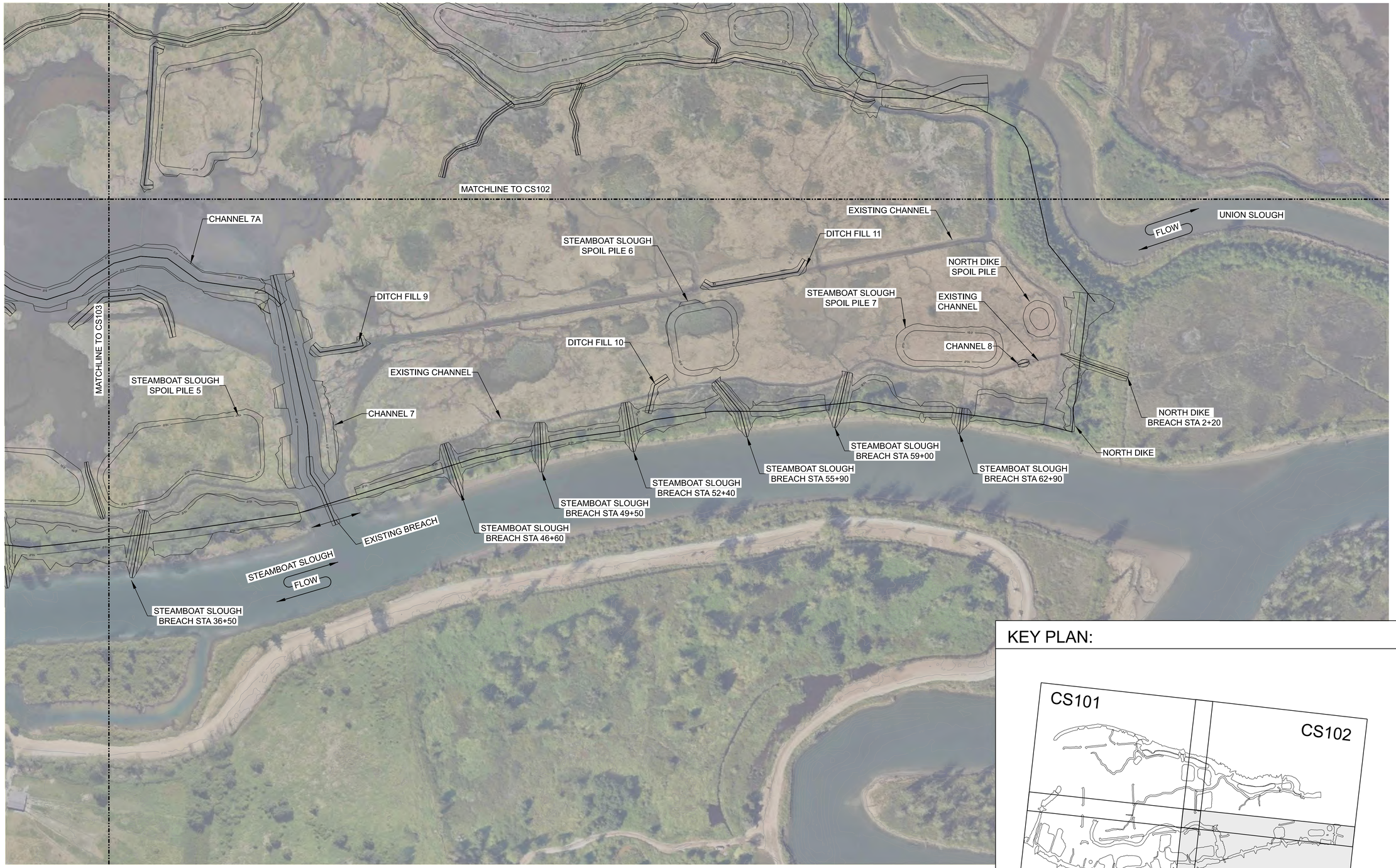


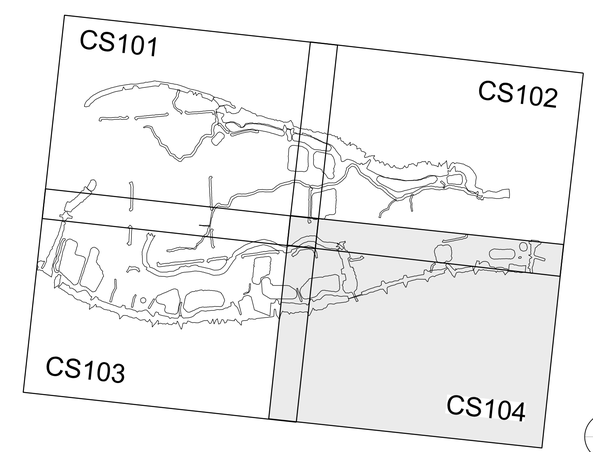
A1 PROPOSED SITE PLAN 4

1" = 150'

0 150' 300'

N

KEY PLAN:



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EVERETT, WASHINGTON

PROPOSED SITE PLAN 4

SHEET ID

CS104

35% DESIGN SUBMITTAL

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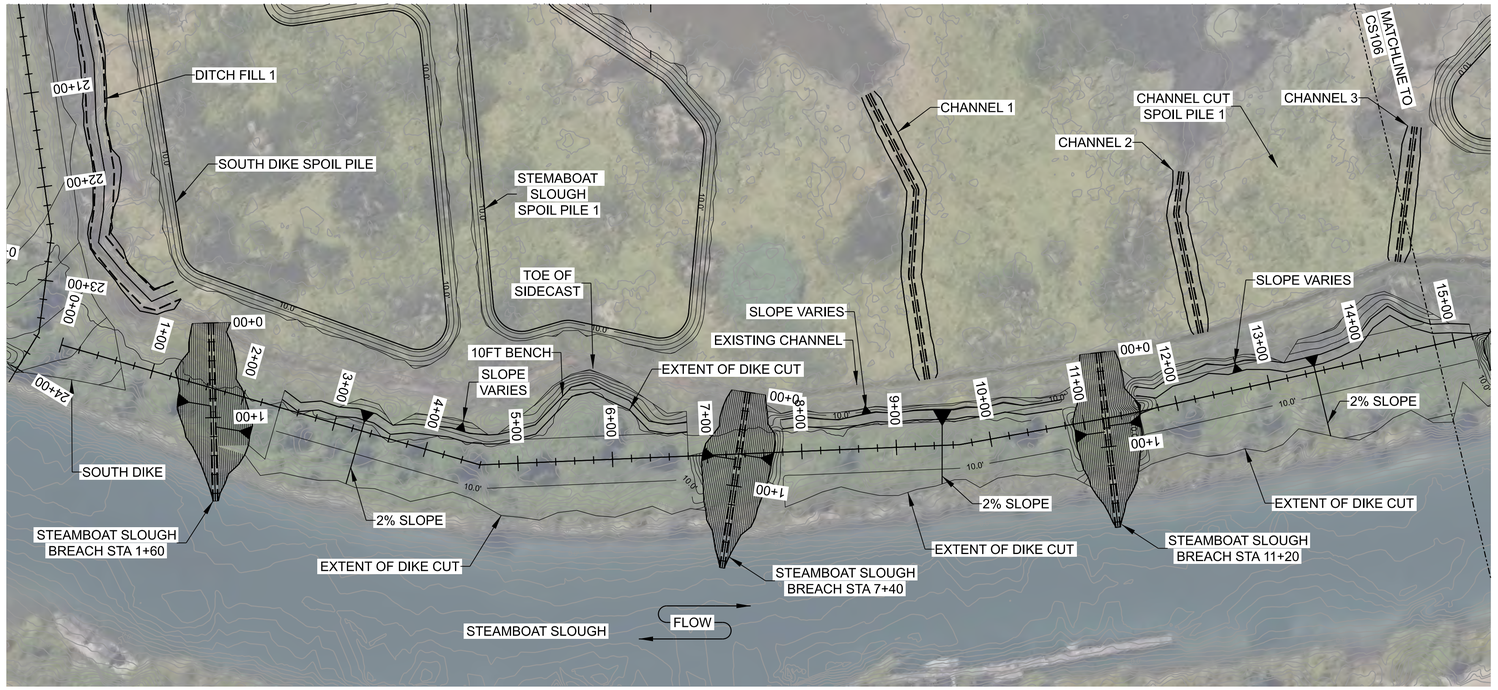
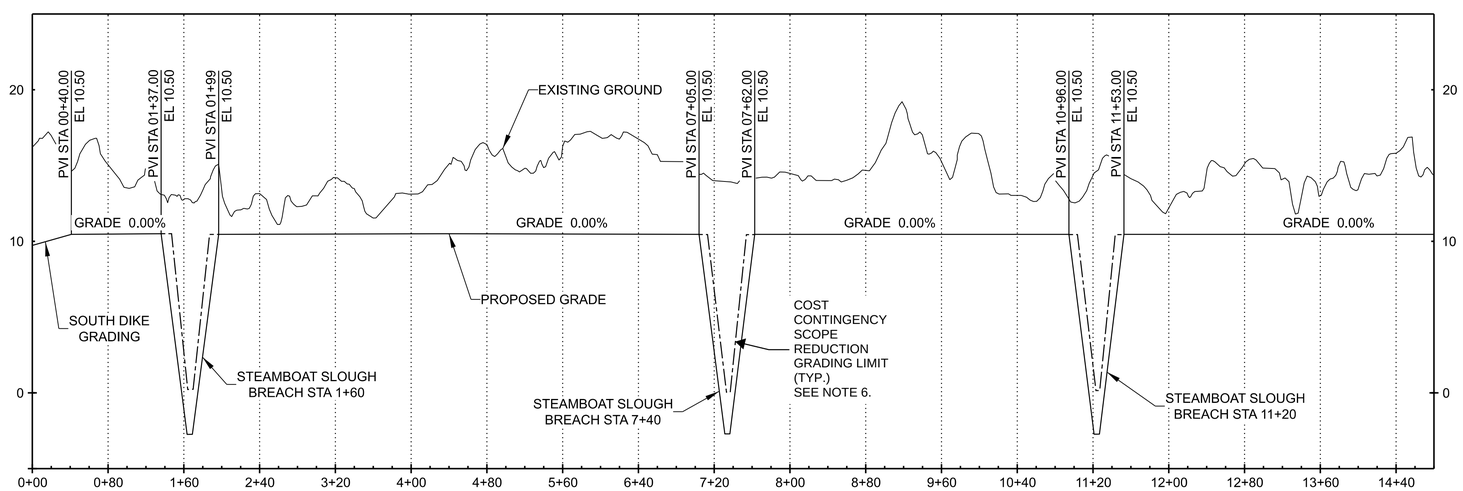


H1 STEAMBOAT SLOUGH PLAN VIEW 1

SCALE: Detail Scale

0 80' 160'



A1 STEAMBOAT SLOUGH PROIFILE 1

H: 1" = 80'
V: 1" = 5'

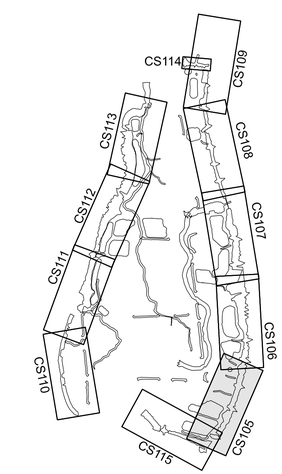
H:0 80' 160' V:0 5' 10'

GENERAL NOTES:

FOR PLAN AND PROFILE SHEETS CS105 TO CS115:

1. SEE SHEET CS116 FOR TYPICAL BREACH PLAN AND PROFILE.
2. SEE SHEET CS117 FOR TYPICAL CHANNEL PLAN AND PROFILE.
3. SEE SHEET CS118 FOR TYPICAL DITCH FILL PLAN AND PROFILE.
4. SEE SHEET CS119 FOR TYPICAL SPOIL PILE PLAN VIEW.
5. SEE SHEET CS120 FOR UNION SLOUGH VIEWING PLATFORM PLAN VIEW.
6. COST CONTINGENCY SCOPE REDUCTION (IF NEEDED): INCREASE INVERT ELEV OF PERIMETER BREACHES TO 0FT FROM -4FT NAVD 88.

KEY PLAN:



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ISSUE DATE: 30 SEP 2024
SOLICITATION NO.:
CONTRACT NO.:
FILE NO.: E-2-8-384

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

STEAMBOAT SLOUGH
PLAN AND PROFILE 1

SHEET ID
CS105

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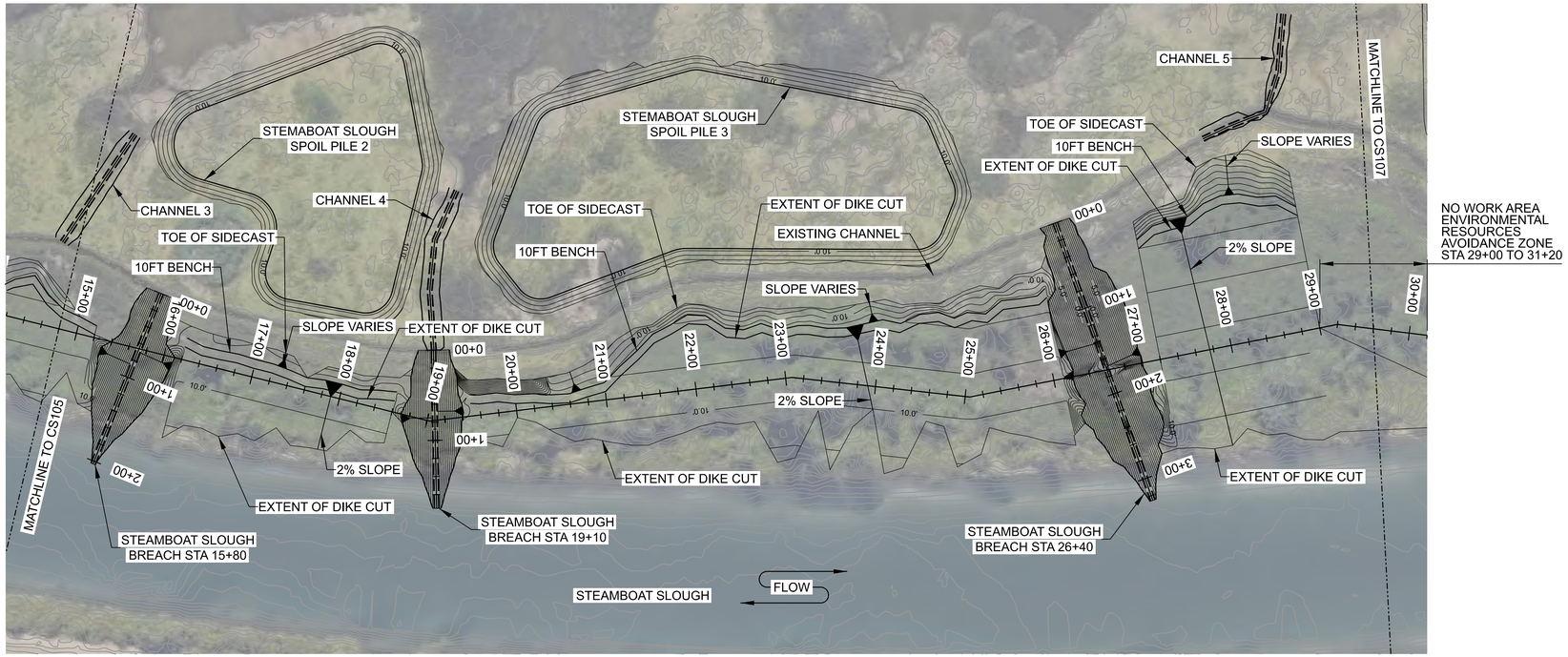
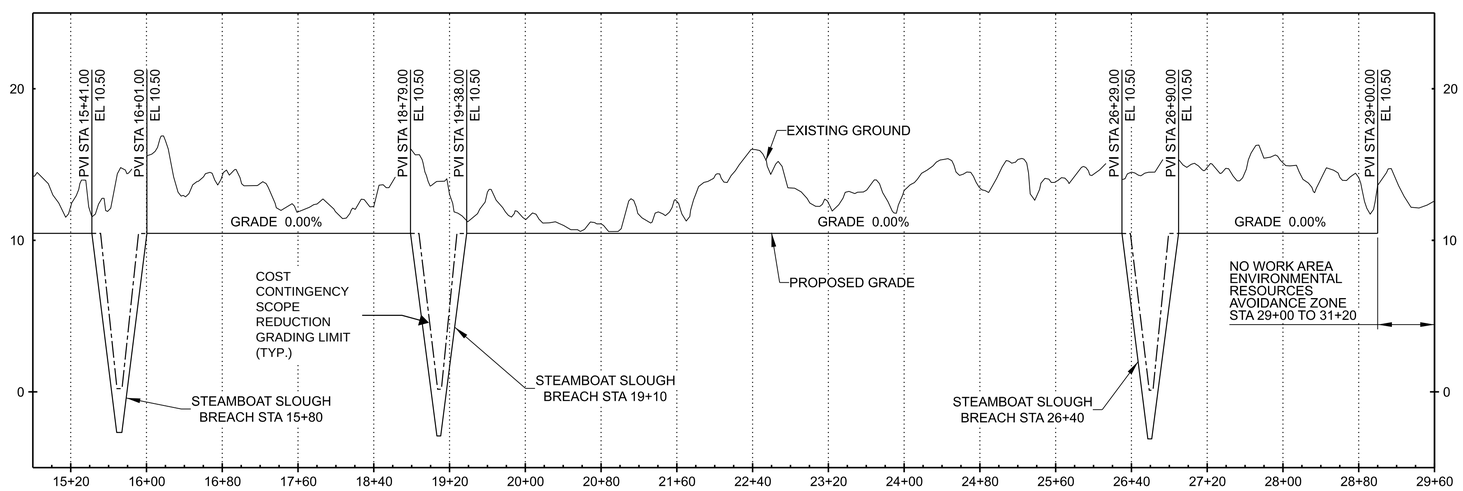


H1 STEAMBOAT SLOUGH PLAN VIEW 2

SCALE: 1"=80'

0 80' 160'

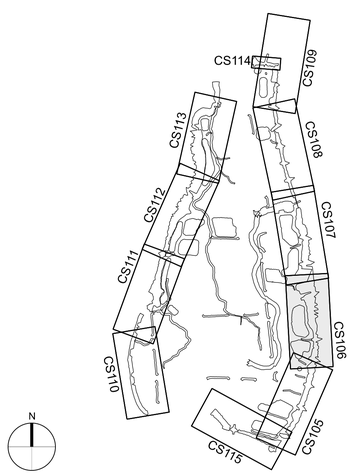


A1 STEAMBOAT SLOUGH PROFILE 2

H: 1" = 80'
V: 1" = 5'

H:0 80' 160' V:0 5' 10'

KEY PLAN:



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CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. DURKAN	FILE NO.: E-2-8-364
SIZE: ANSI D	SCALE:

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SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

STEAMBOAT SLOUGH
PLAN AND PROFILE 2

SHEET ID

CS106

35% DESIGN SUBMITTAL

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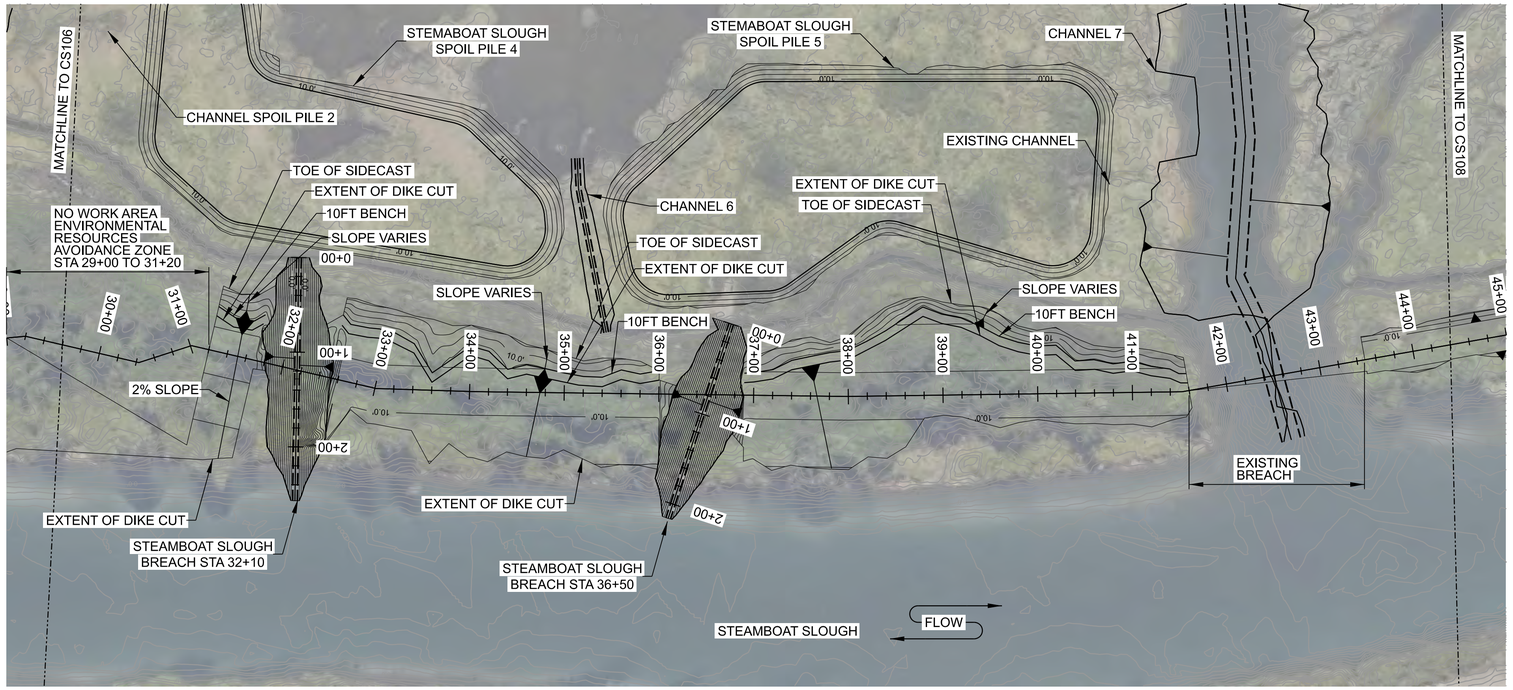
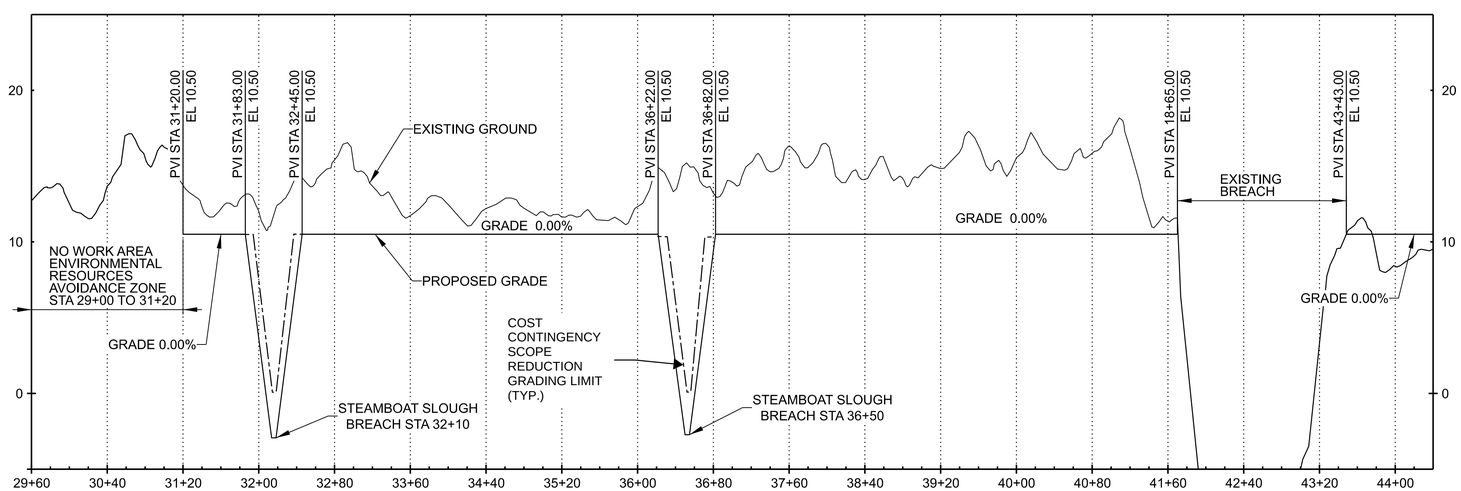


H1 STEAMBOAT SLOUGH PLAN VIEW 3

SCALE: 1"=80'

0 80' 160'

N

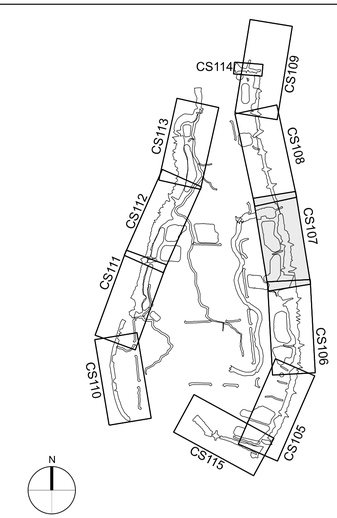


A1 STEAMBOAT SLOUGH PROFILE 3

H: 1" = 80'
V: 1" = 5'

H:0 80' 160' V:0 5' 10'

KEY PLAN:



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DRAWN BY: A. ROTHERY	SOLICITATION NO.:
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SUBMITTED BY: J. DURKAN	FILE NO.: E-2-8-364
SIZE: ANSI D	SCALE:

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

STEAMBOAT SLOUGH
PLAN AND PROFILE 3

SHEET ID

CS107

35% DESIGN SUBMITTAL

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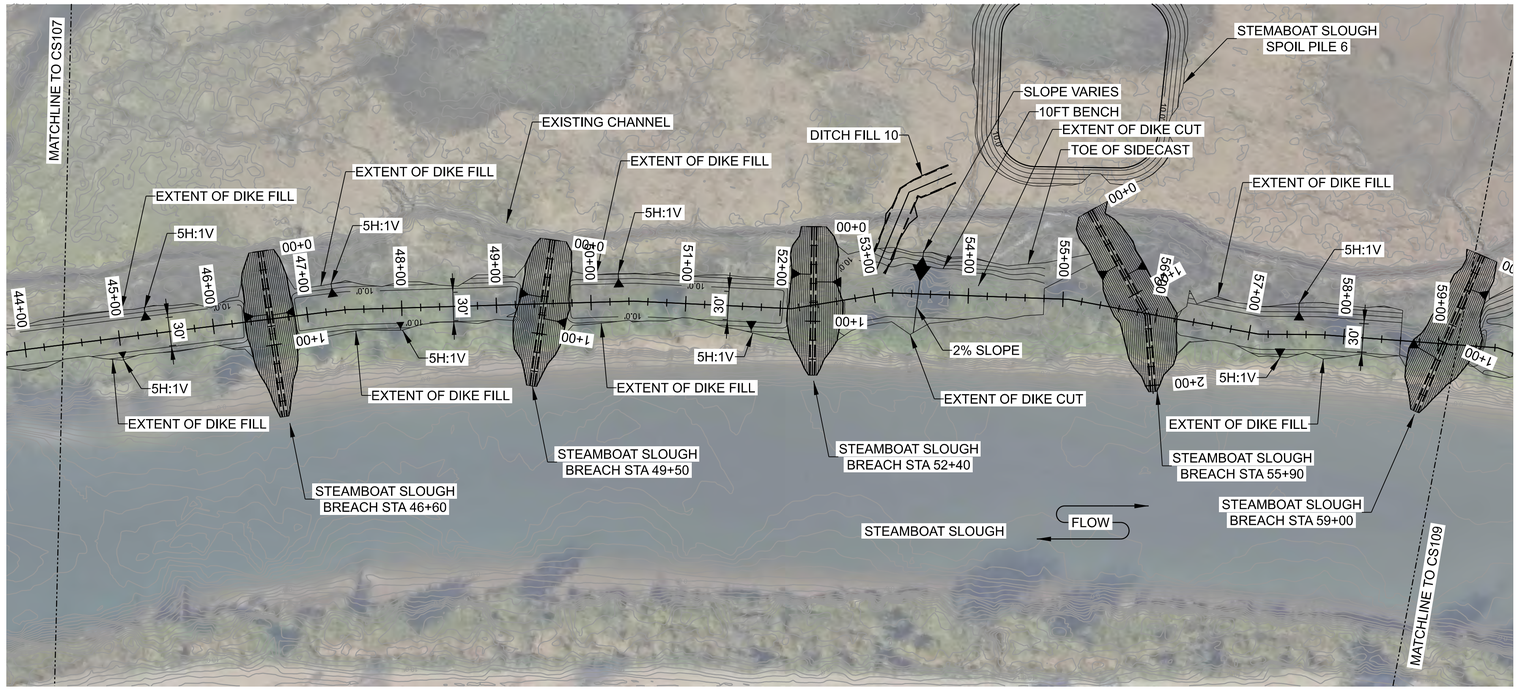
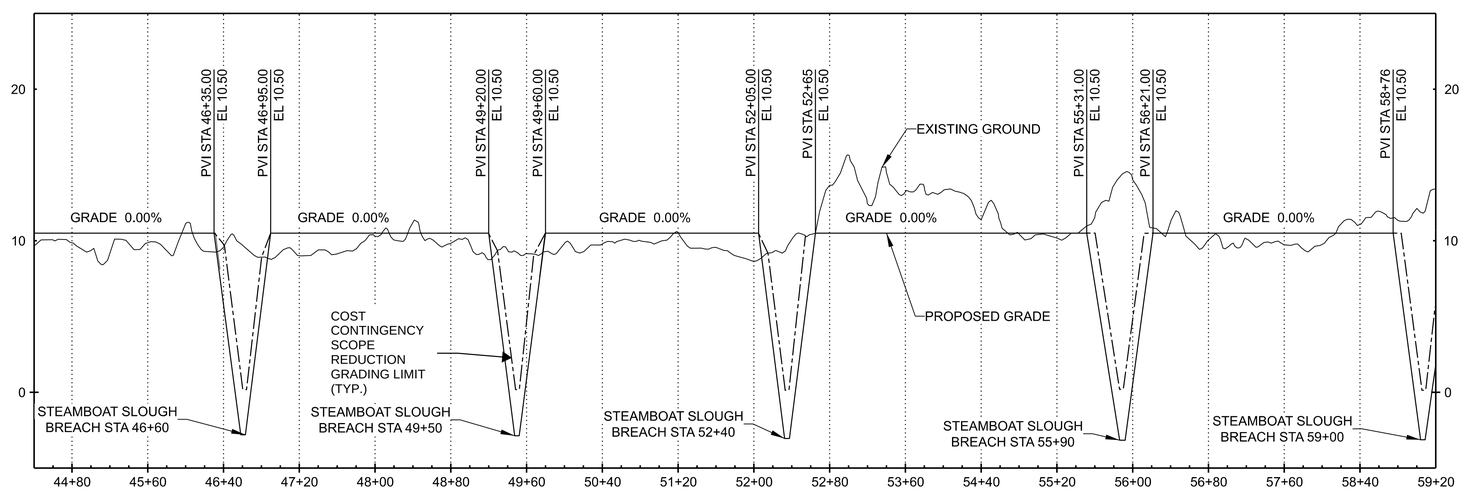


H1 STEAMBOAT SLOUGH PLAN VIEW 4

SCALE: 1"=80'

0 80' 160'

N

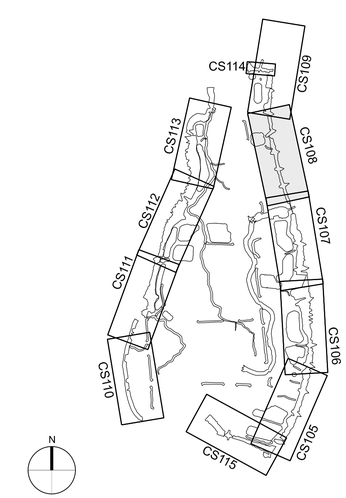


A1 STEAMBOAT SLOUGH PROFILE 4

H: 1" = 80'
V: 1" = 5'

H:0 80' 160' V:0 5' 10'

KEY PLAN:



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DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. OURKAN	FILE NO.: E-2-8-364
SIZE: ANSI D	SCALE:

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SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

STEAMBOAT SLOUGH
PLAN AND PROFILE 4

SHEET ID

CS108

35% DESIGN SUBMITTAL

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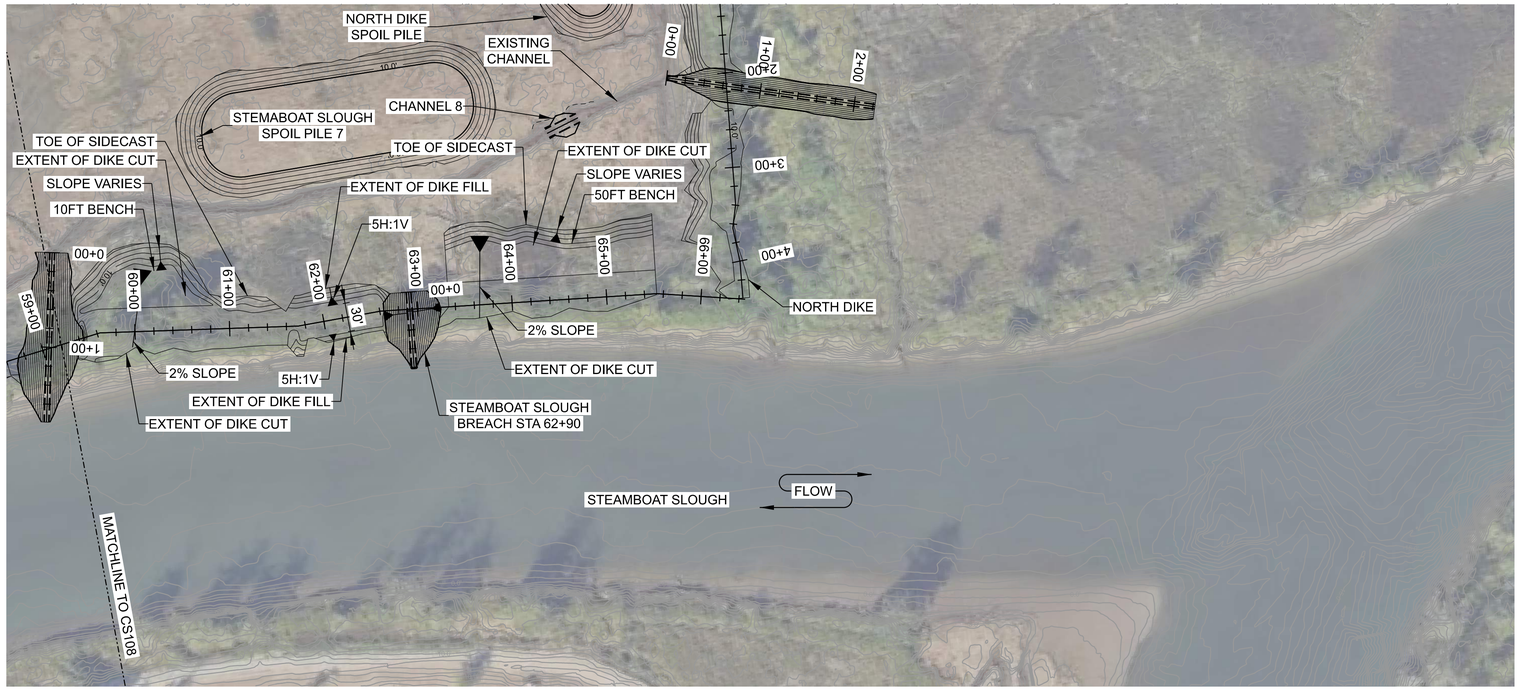
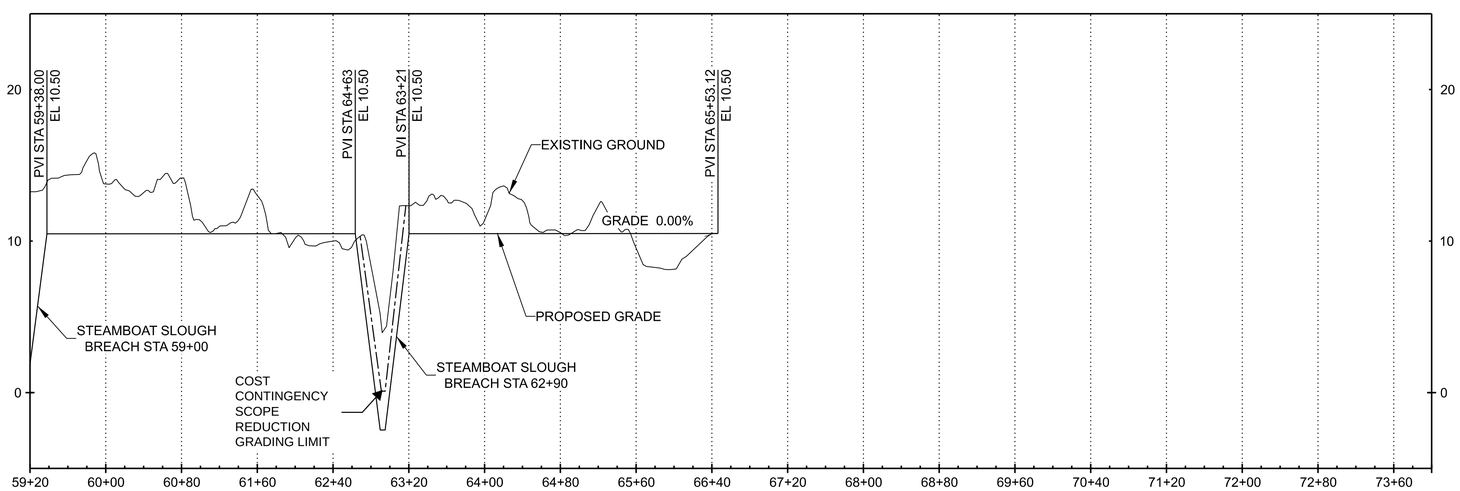


H1 STEAMBOAT SLOUGH PLAN VIEW 5

SCALE: 1"=80'

0 80' 160'

N

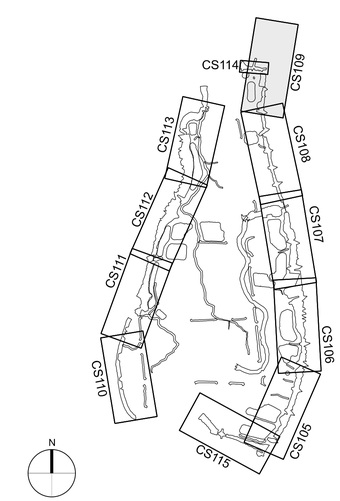


A1 STEAMBOAT SLOUGH PROFILE 5

H: 1" = 80'
V: 1" = 5'

H:0 80' 160' V:0 5' 10'

KEY PLAN:



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SUBMITTED BY: J. OURKAN
SIZE: ANSI D
ISSUE DATE: 30 SEP 2024
SOLICITATION NO.:
CONTRACT NO.:
FILE NO.: E-2-8-384

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SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

STEAMBOAT SLOUGH
PLAN AND PROFILE 5

SHEET ID
CS109

35% DESIGN SUBMITTAL

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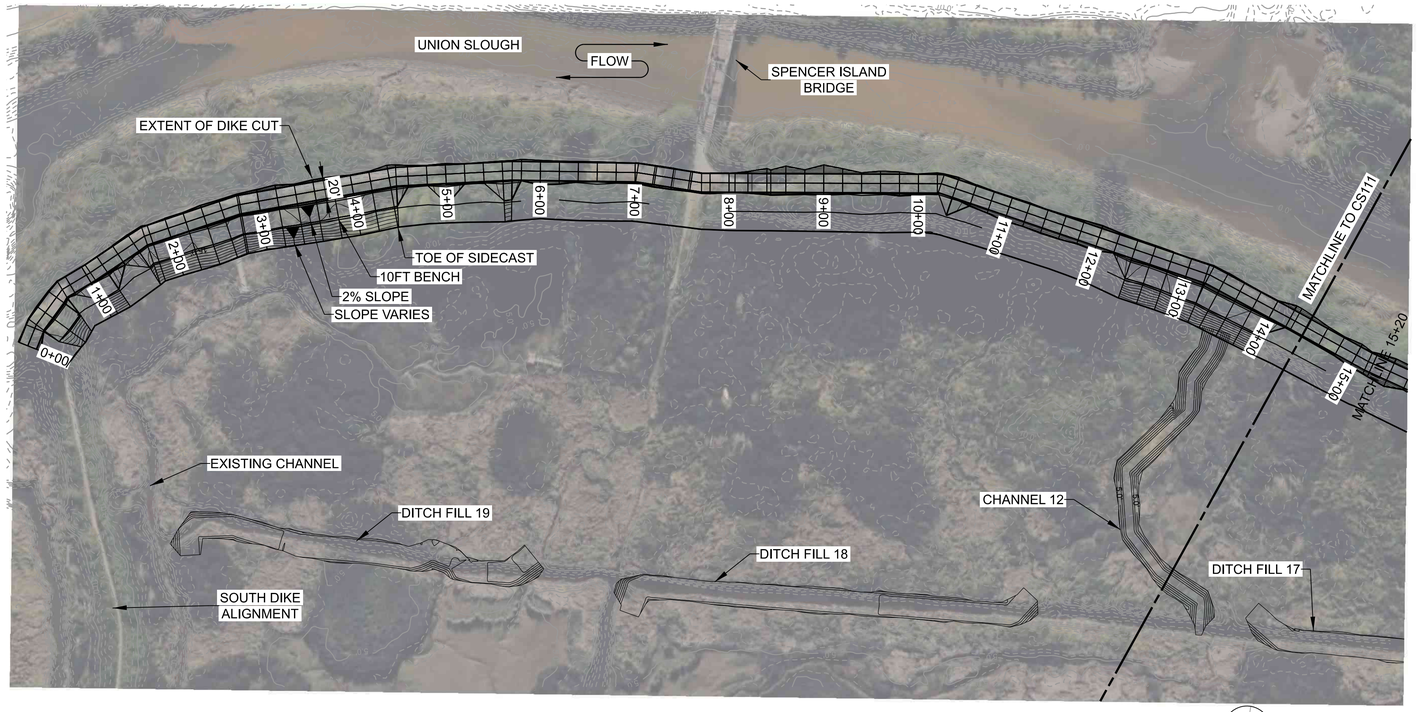
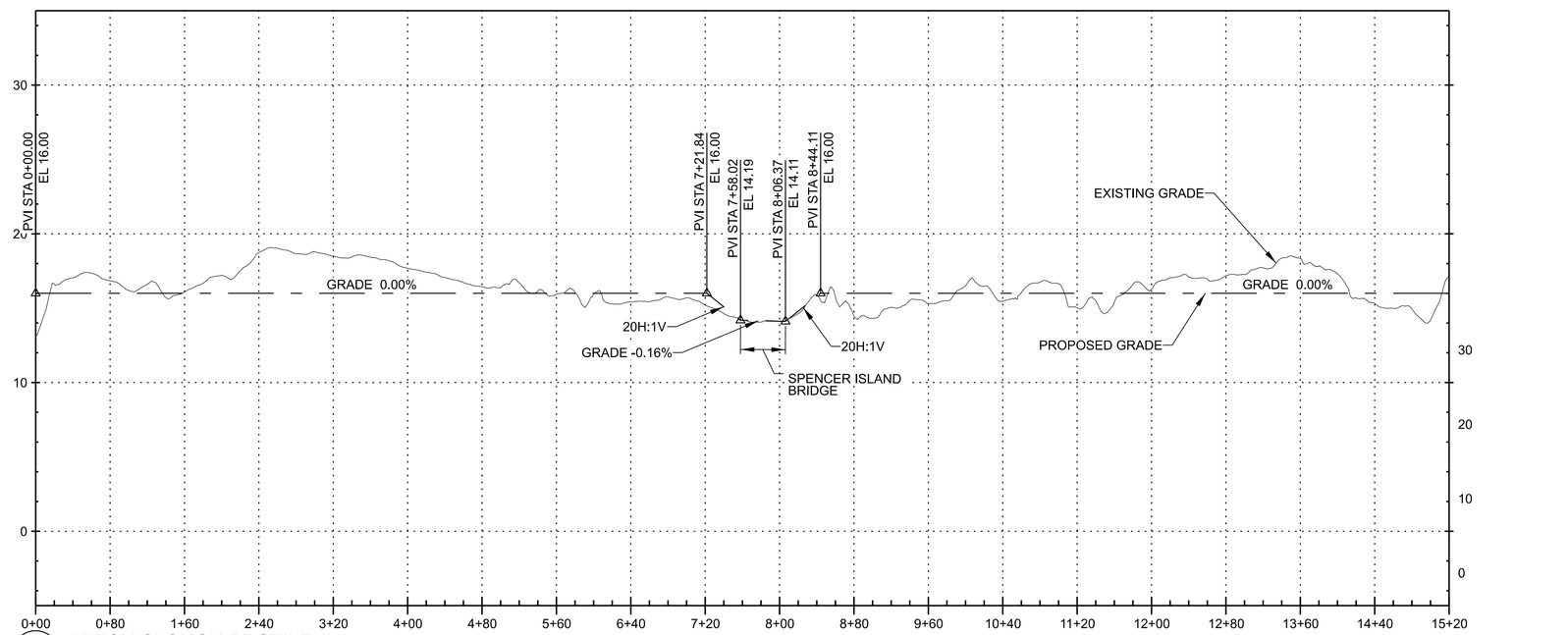
2:20:26 PM 11/19/2024



H1 UNION SLOUGH PLAN VIEW 1

SCALE: 1"=80'

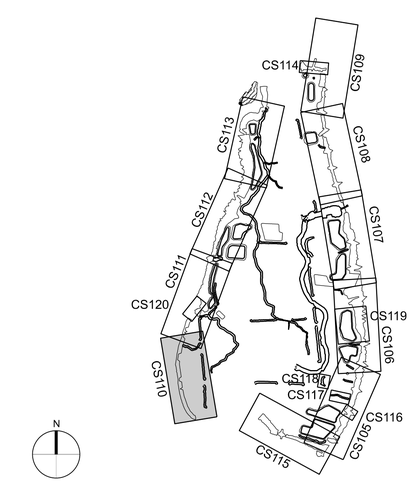


A1 UNION SLOUGH PROFILE 1

H: 1" = 80'
V: 1" = 5'

H:0 80' 160' V:0 5' 10'

KEY PLAN:



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

DESIGNED BY: A. ROTHERY	ISSUE DATE: 20 MAY 2024
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY:	CONTRACT NO.:
SUBMITTED BY:	FILE NO.: E-2-8-364
SIZE: ANSI D	

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

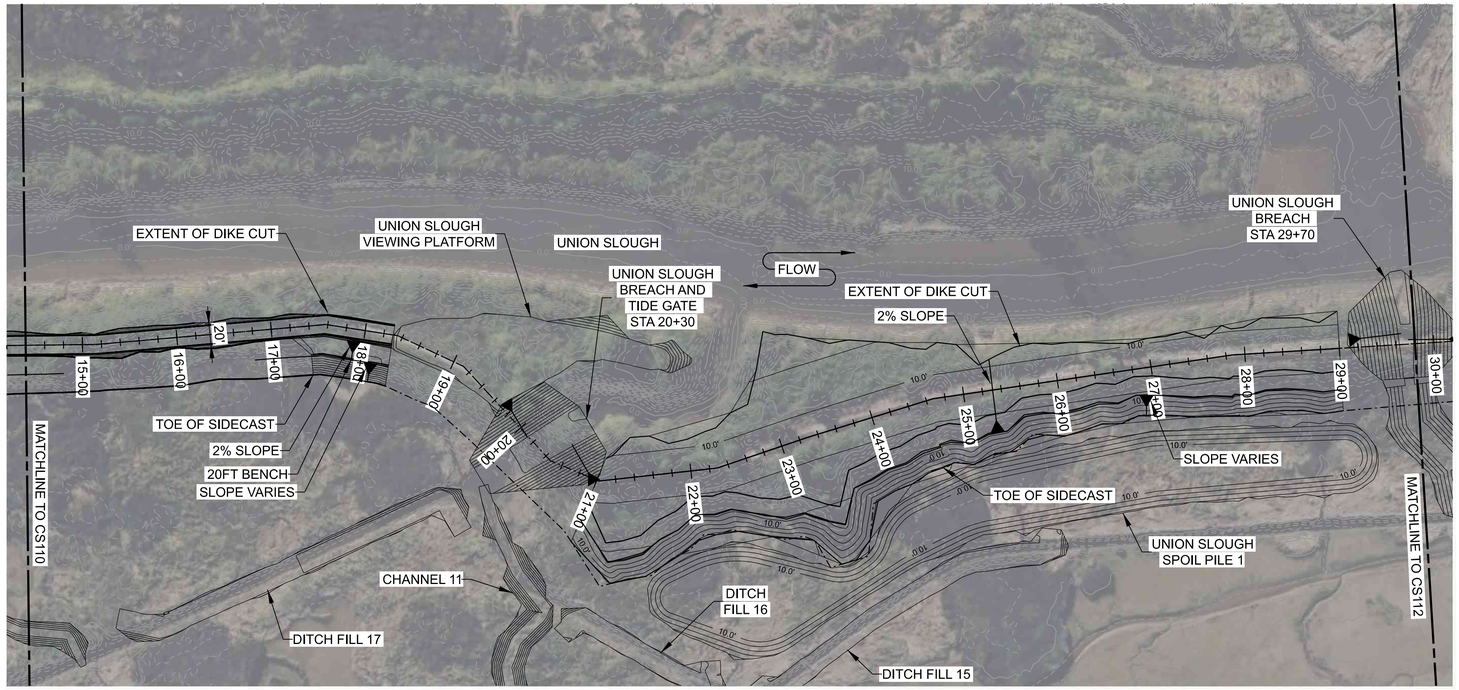
UNION SLOUGH
PLAN AND PROFILE 1

SHEET ID

CS110

Draft

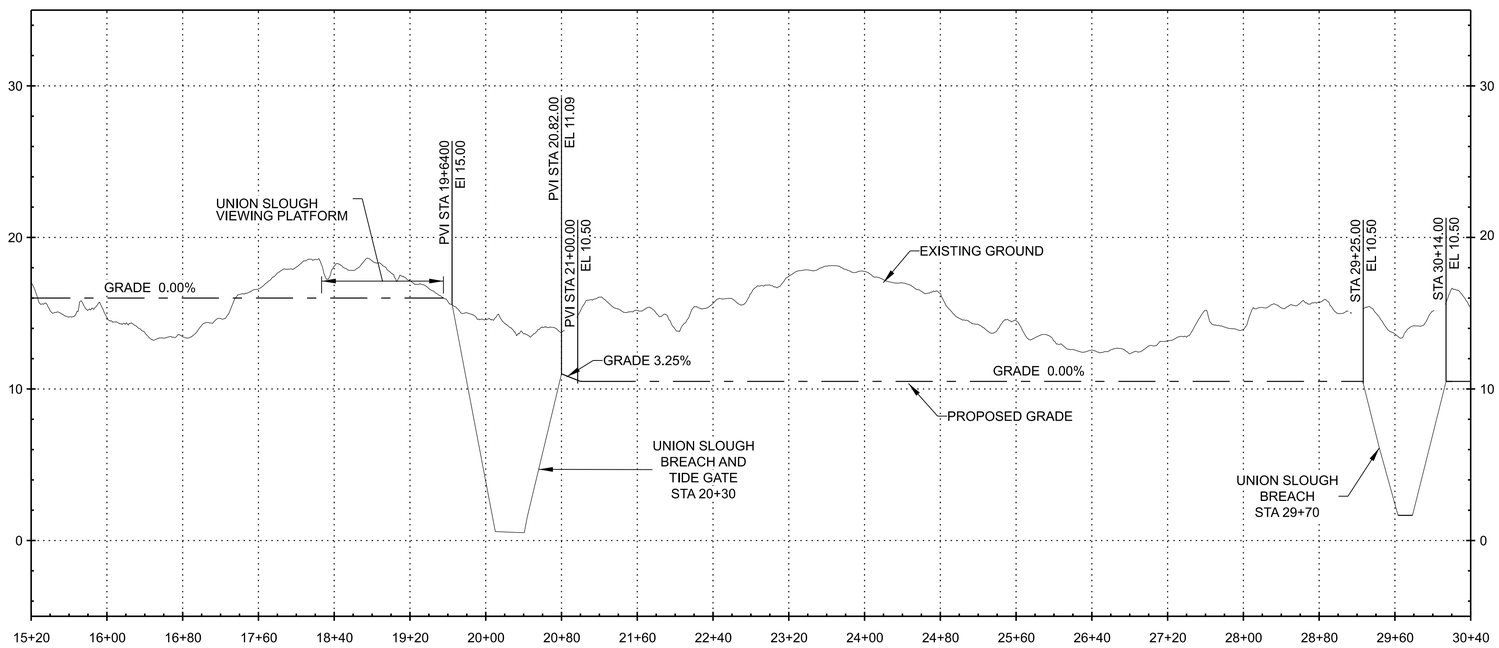
pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets/03_Sheets/FEASIBILITY PLAN AND PROFILE/CS110 UNION SLOUGH PLAN AND PROFILE 1.dgn
Plot Date: 1:01:41 PM 7/23/2025 PD: AEC_pdf.pltcfg: NWS_AEC_Screen_FullSize.dscript



H1 UNION SLOUGH PLAN VIEW 2

SCALE: 1"=80'

0 80' 160'

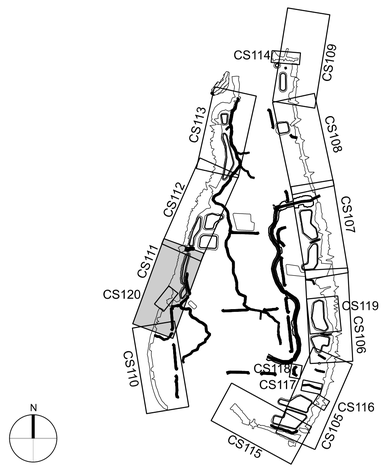


A1 UNION SLOUGH PROFILE 2

H: 1" = 80'
V: 1" = 5'

H:0 80' 160' V:0 5' 10'

KEY PLAN:



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SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

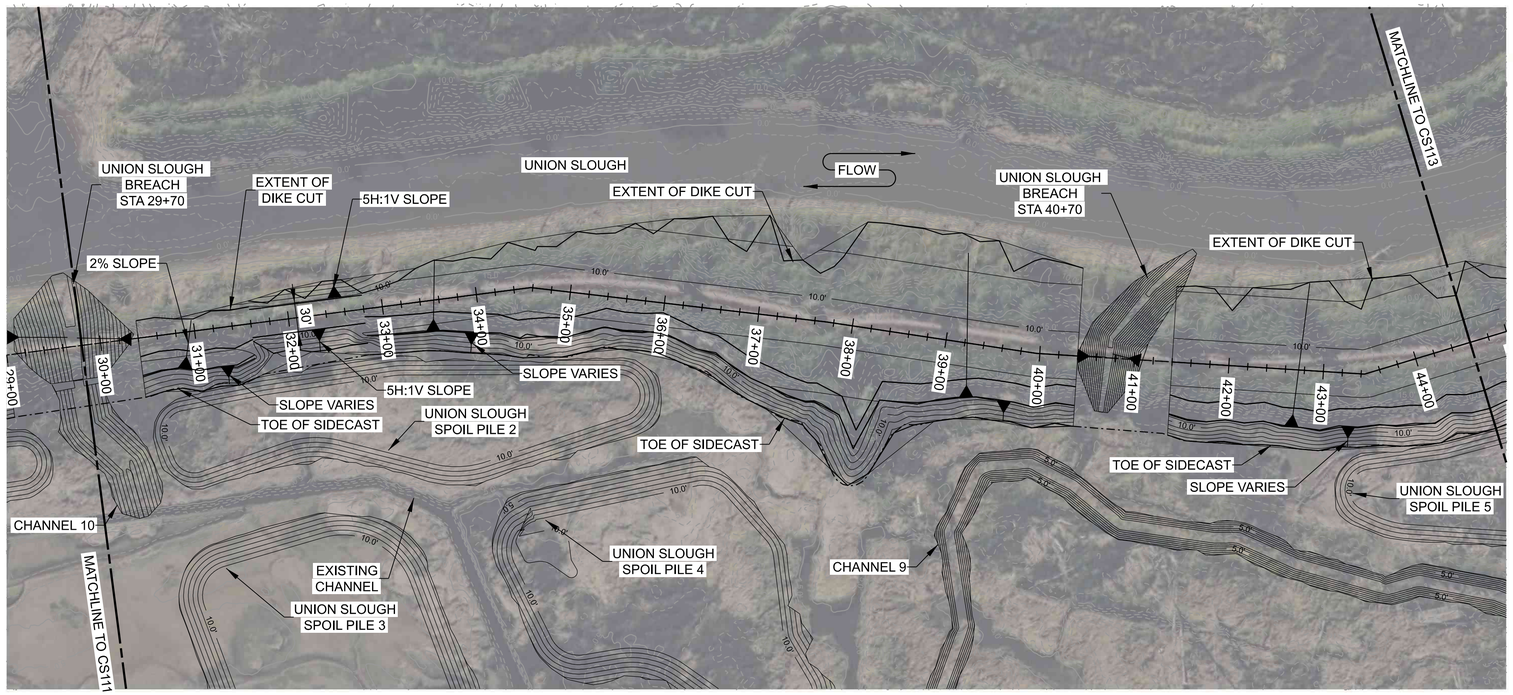
UNION SLOUGH
PLAN AND PROFILE 2

SHEET ID

CS111

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL.CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets/03_Sheets/FEASIBILITY PLAN AND PROFILE/CS111 UNION SLOUGH PLAN AND PROFILE 2.dgn
Plot Date: 6:41:43 AM 7/24/2025 PD: AEC_pdf.pltcfg; NWS_AEC_Screen_FullSize.dscript

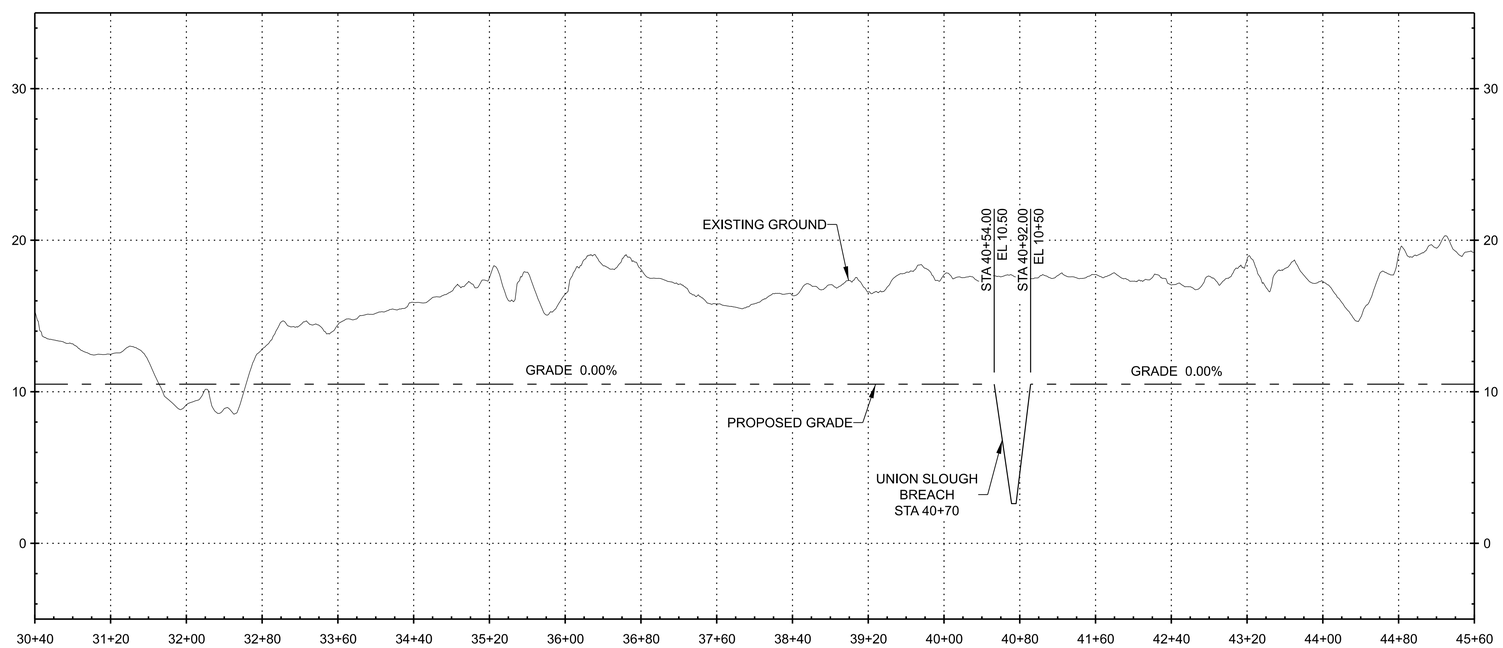
Draft



H1 UNION SLOUGH PLAN VIEW 3

SCALE: 1"=80'

0 80' 160'

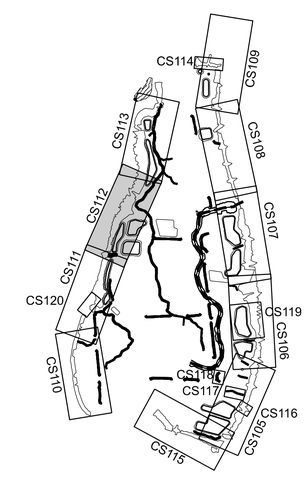


A1 UNION SLOUGH PROFILE 3

H: 1" = 80'
V: 1" = 5'

H:0 80' 160' V:0 5' 10'

KEY PLAN:



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U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

UNION SLOUGH
PLAN AND PROFILE 3

SHEET ID

CS112

Draft

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets/03_Sheets/FEASIBILITY PLAN AND PROFILE/CS112 UNION SLOUGH PLAN AND PROFILE 3.dgn
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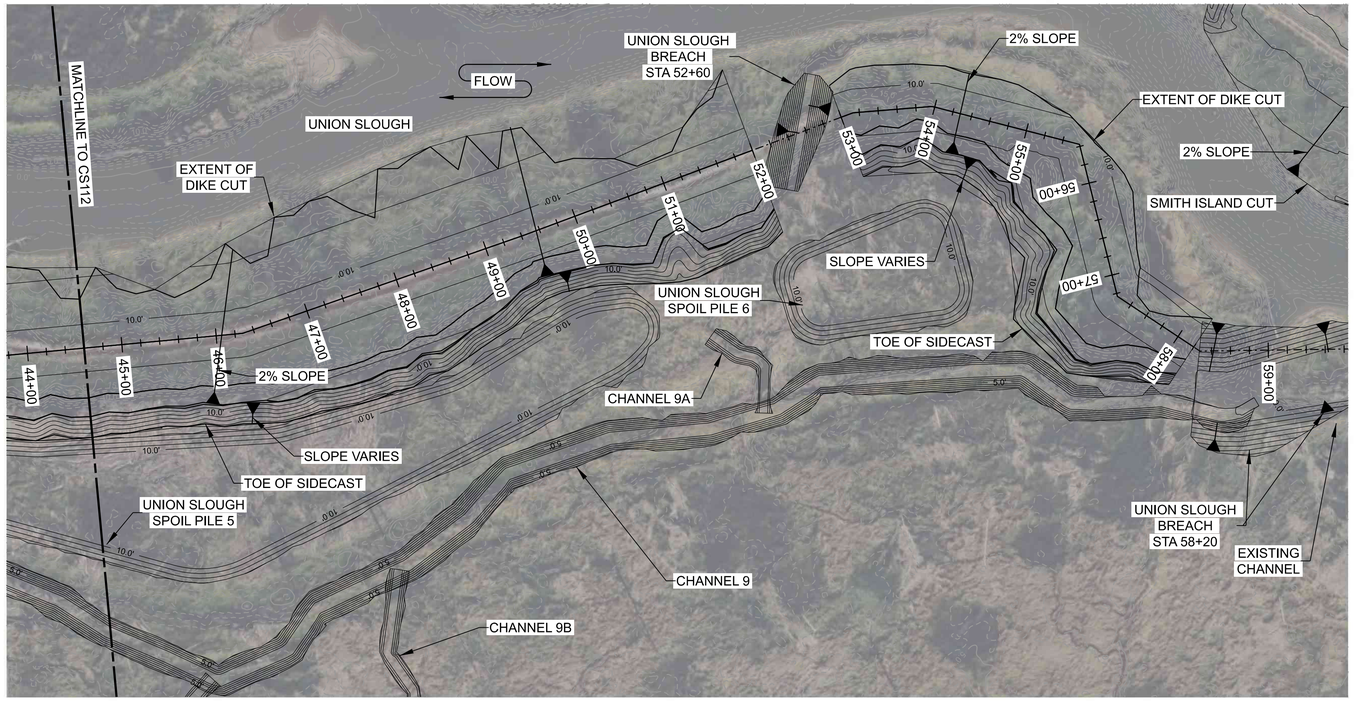
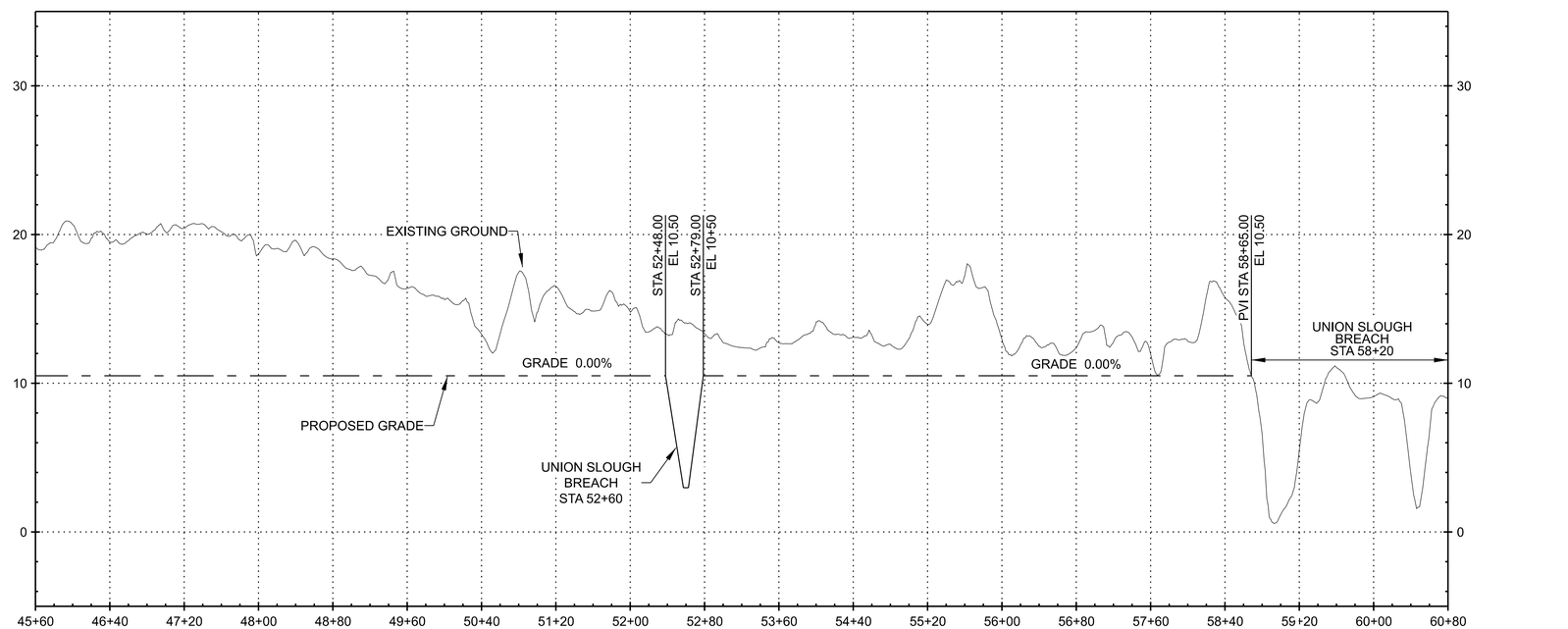


H1 UNION SLOUGH PLAN VIEW 4

SCALE: 1"=80'

0 80' 160'

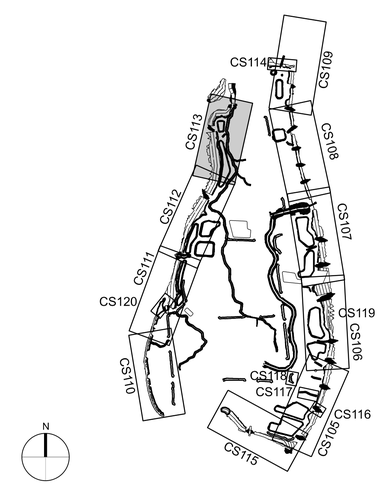


A1 UNION SLOUGH PROFILE 4

H: 1" = 80'
V: 1" = 5'

H:0 80' 160' V:0 5' 10'

KEY PLAN:



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U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

DESIGNED BY: A. ROTHERY	ISSUE DATE: 20 MAY 2024
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY:	CONTRACT NO.:
SUBMITTED BY:	FILE NO.: E-2-8-304
SIZE: ANSI D	

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

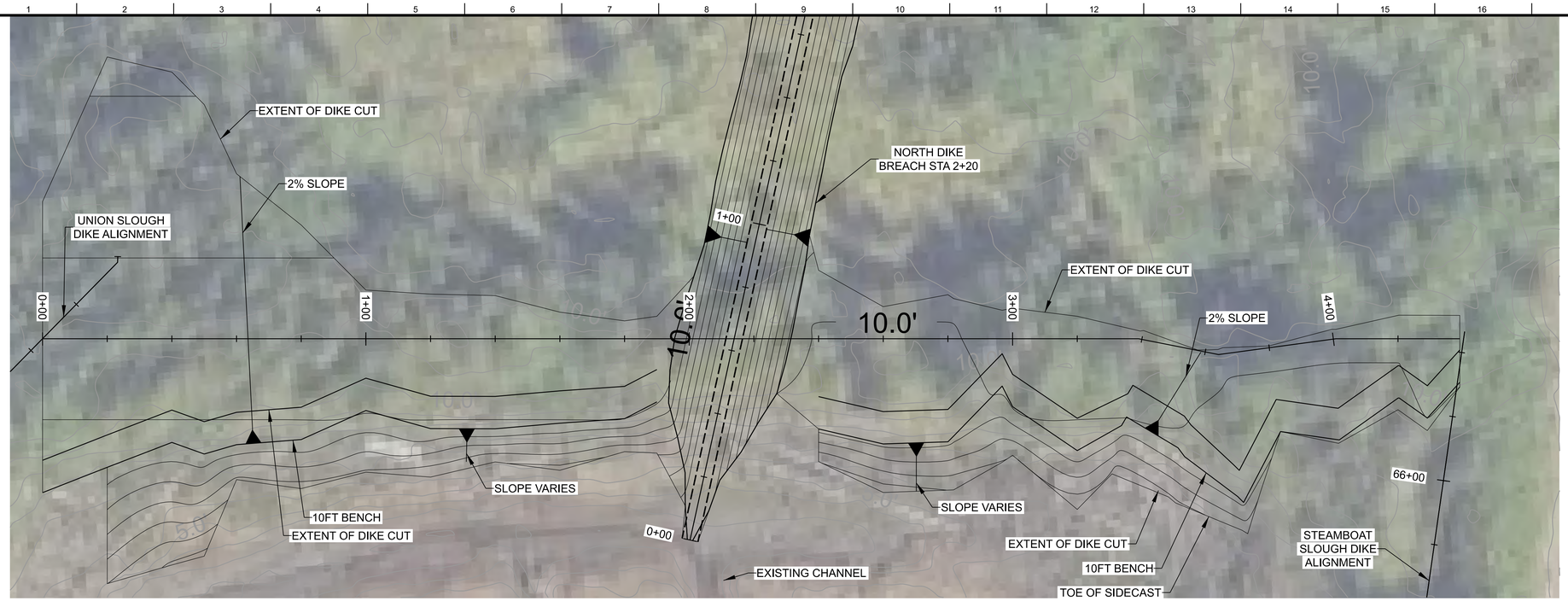
UNION SLOUGH
PLAN AND PROFILE 4

SHEET ID

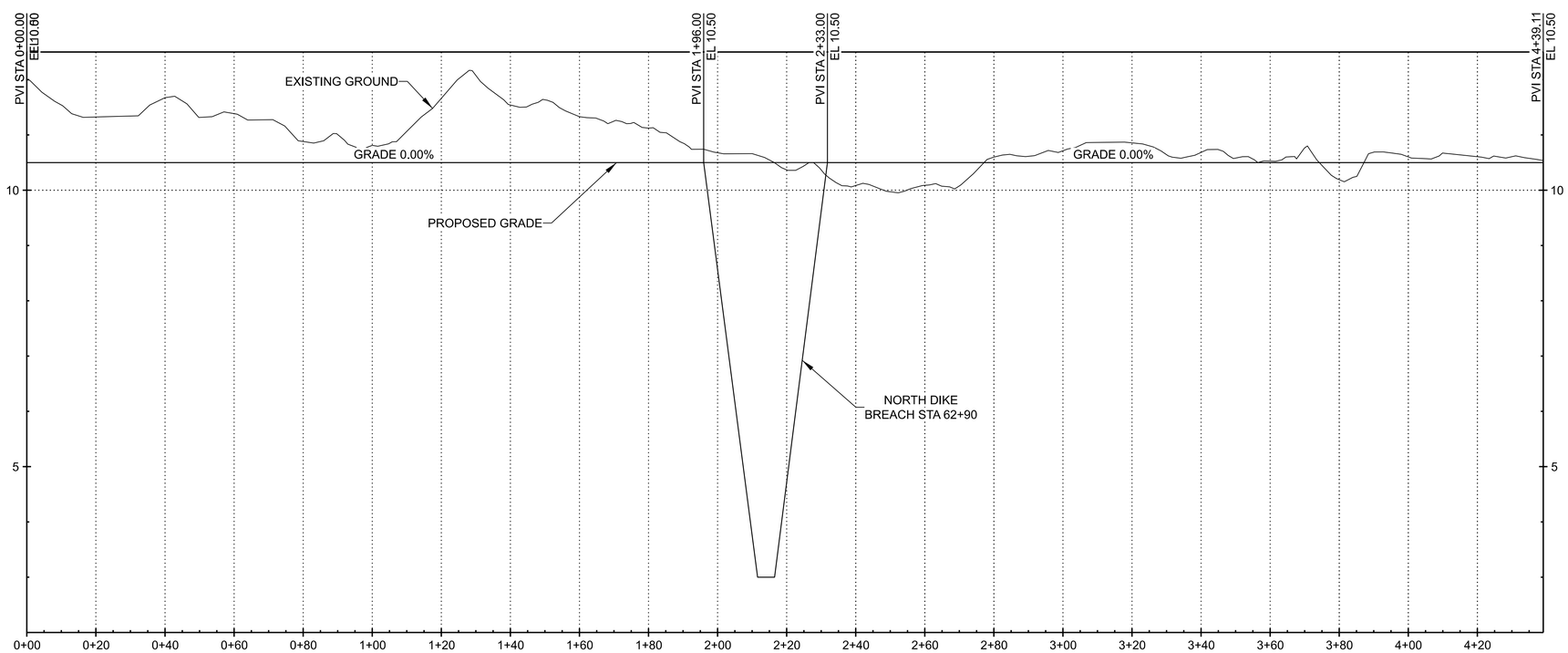
CS113

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets/03_Sheets/FEASIBILITY PLAN AND PROFILE/CS113 UNION SLOUGH PLAN AND PROFILE 4.dgn
Plot Date: 10:57:56 AM 7/23/2025 PD: AEC_pdf.pltcfg: NWS_AEC_Screen_FullSize.dscript

Draft

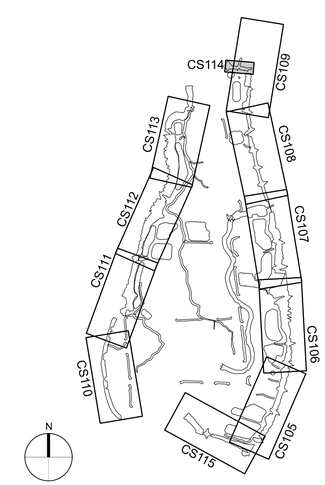


H1 NORTH DIKE PLAN VIEW
1" = 20'



A1 NORTH DIKE PROFILE
H: 1" = 20'
V: 1" = 1'

KEY PLAN:



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DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. DURRAN	FILE NO.: E-2-8-364
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

NORTH DIKE
PLAN AND PROFILE

SHEET ID
CS114

35% DESIGN SUBMITTAL

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets 28JUL2024/03_Sheets/FEASIBILITY PLAN AND PROFILE/CS114 NORTH DIKE PLAN AND PROFILE.dgn
3:06:23 PM 11/19/2024
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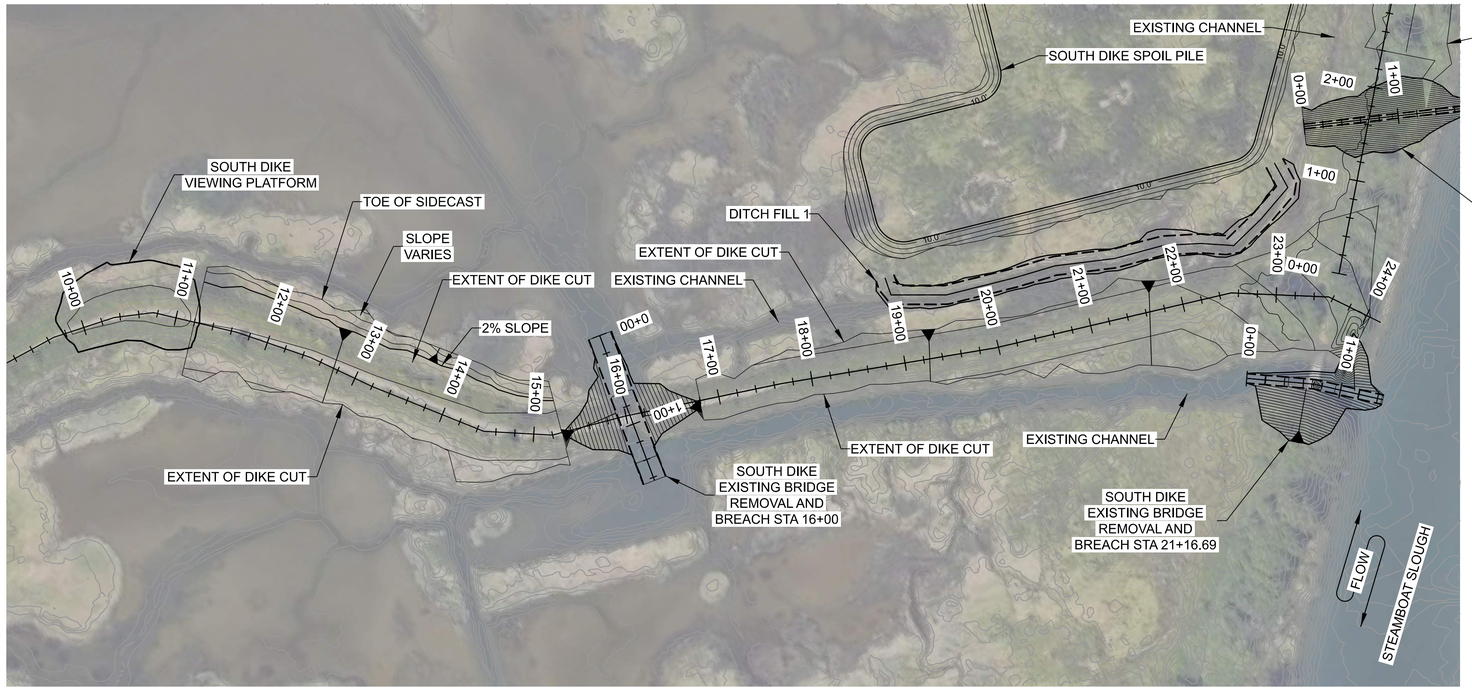
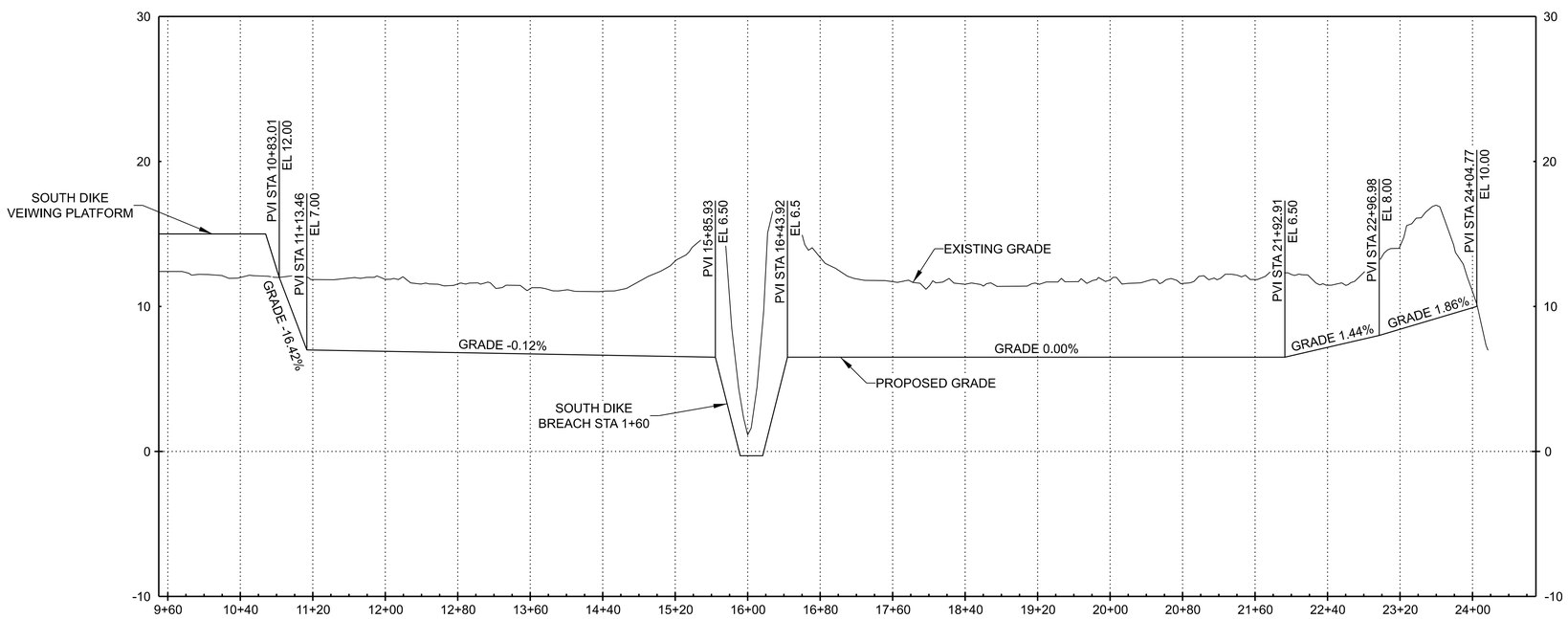


H1 SOUTH DIKE PLAN VIEW

SCALE: 1"=80'

0 80' 160'

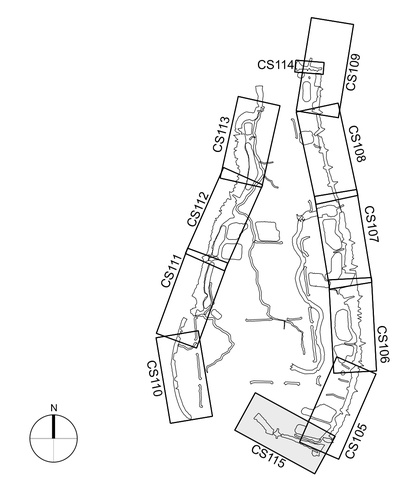


A1 SOUTH DIKE PROFILE

H: 1" = 80'
V: 1" = 5'

H:0 80' 160' V:0 5' 10'

KEY PLAN:



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SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

SOUTH DIKE
PLAN AND PROFILE

SHEET ID

CS115

35% DESIGN SUBMITTAL

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3:11:20 PM 11/19/2024

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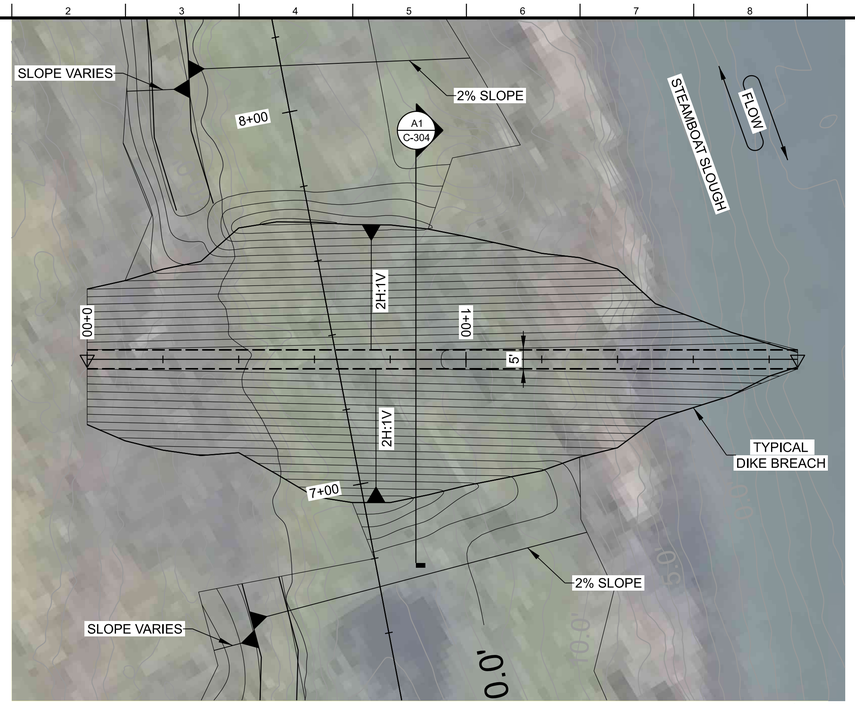
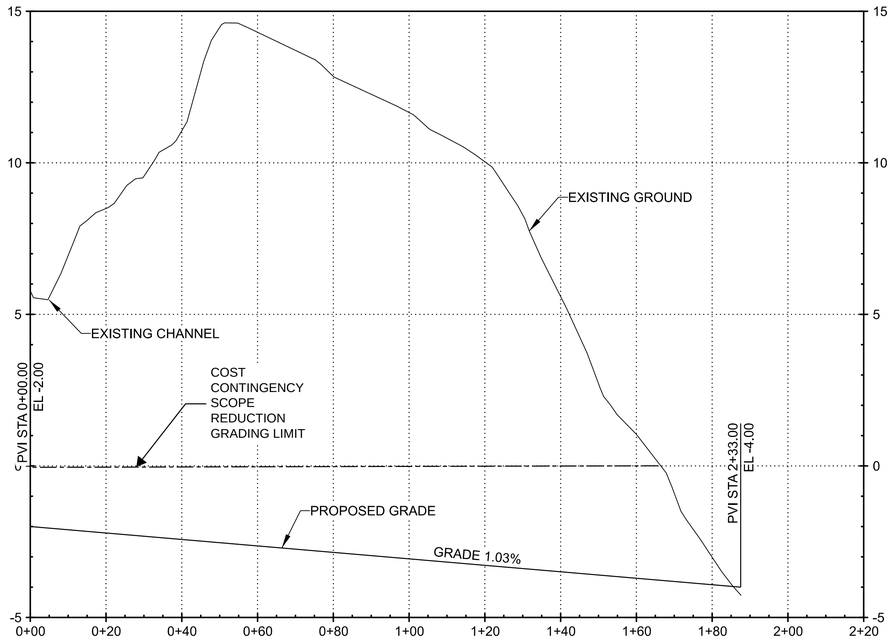


H1 BREACH TYPICAL PLAN VIEW

SCALE: 1"=20'

0 20' 40'

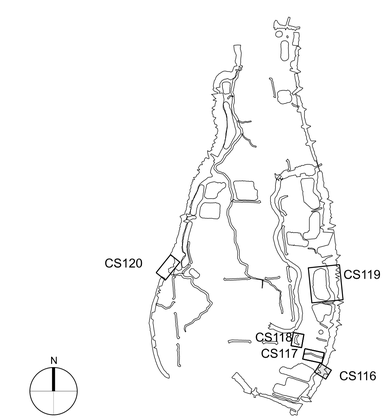


A1 BREACH TYPICAL PROFILE

H: 1" = 20'
V: 1" = 2.5'

H:0 20' 40' V:0 2.5' 5'

KEY PLAN:



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DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. DURKAN	FILE NO.: E-2-8-364
SIZE: ANSI D	SCALE:

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

TYPICAL BREACH
PLAN AND PROFILE

SHEET ID

CS116

35% DESIGN SUBMITTAL

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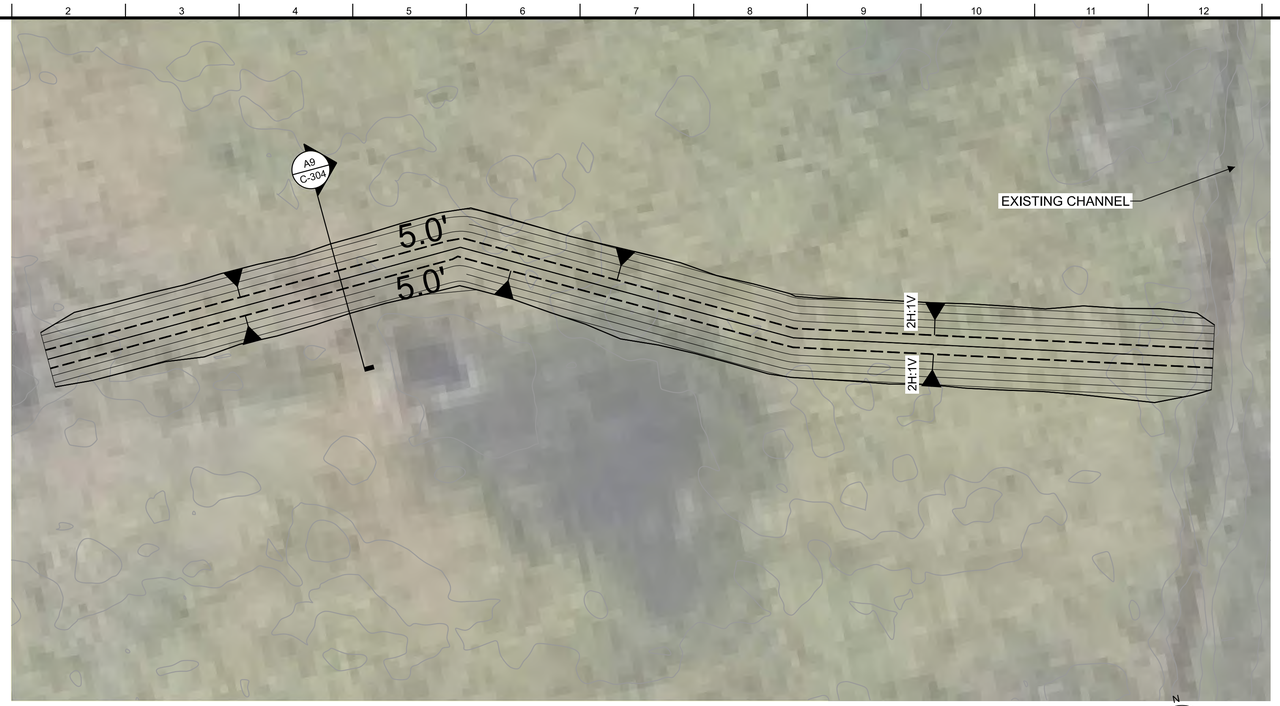
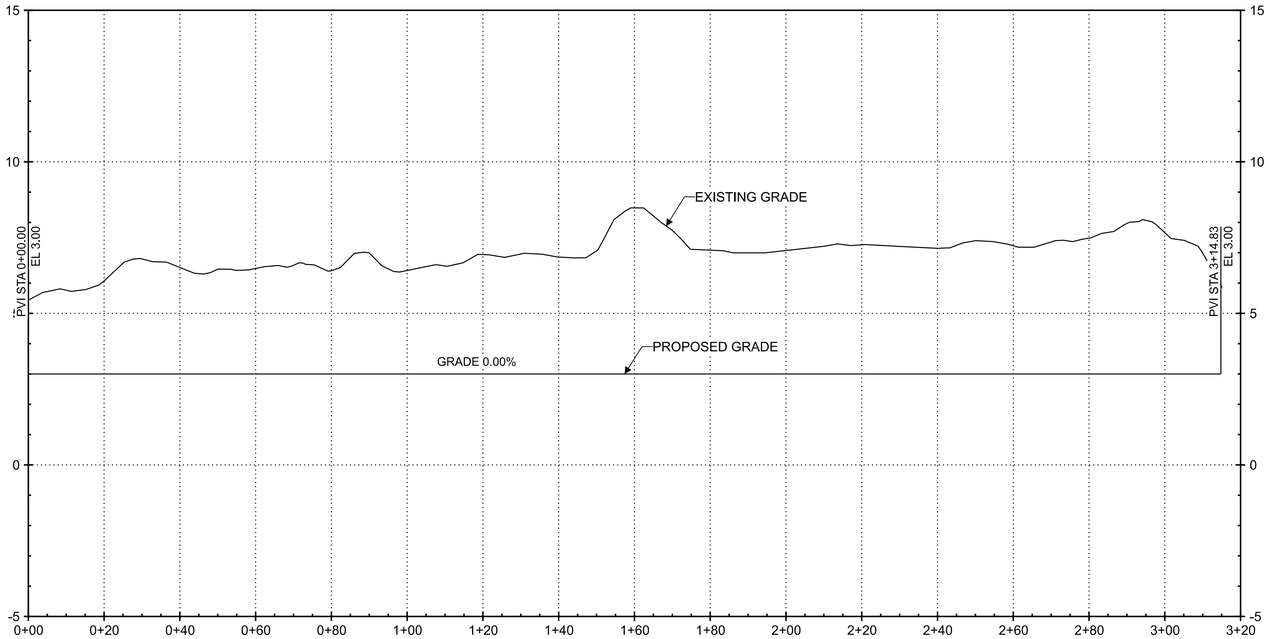
3:20:28 PM 11/19/2024



H1 CHANNEL 1 PLAN VIEW

SCALE: 1"=20'

0 20' 40'

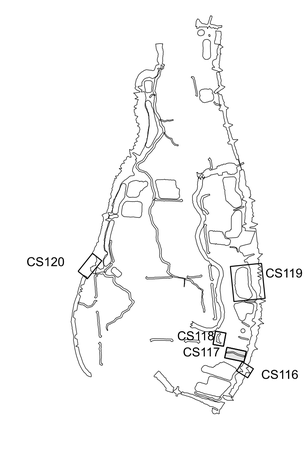


A1 CHANNEL 1 PROFILE

SCALE: 1"=20'

V:0 5' 10' H:0 20' 40'

KEY PLAN:



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U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

TYPICAL CHANNEL
PLAN AND PROFILE

SHEET ID

CS117

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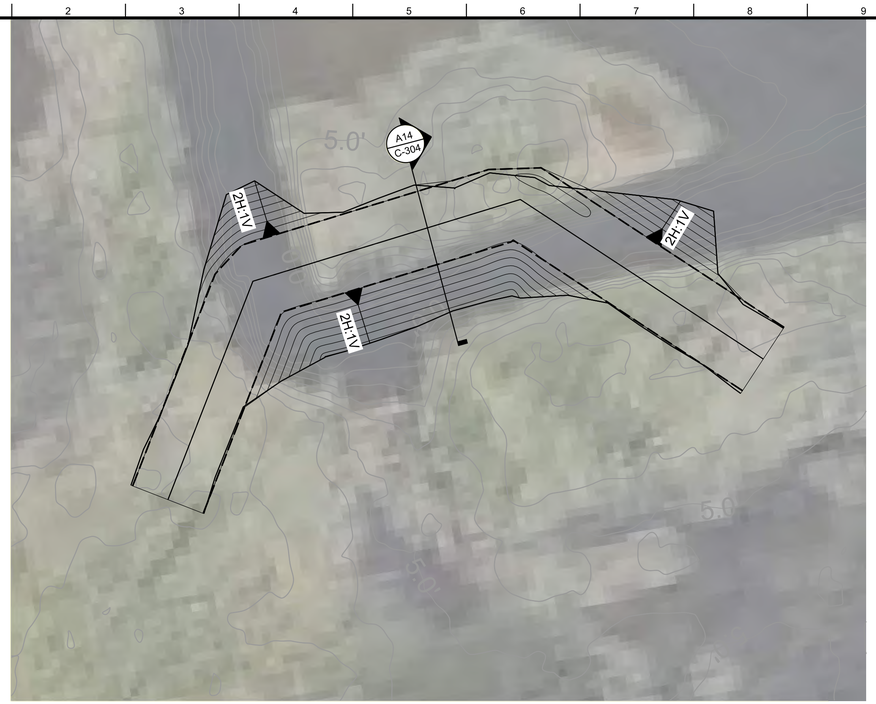
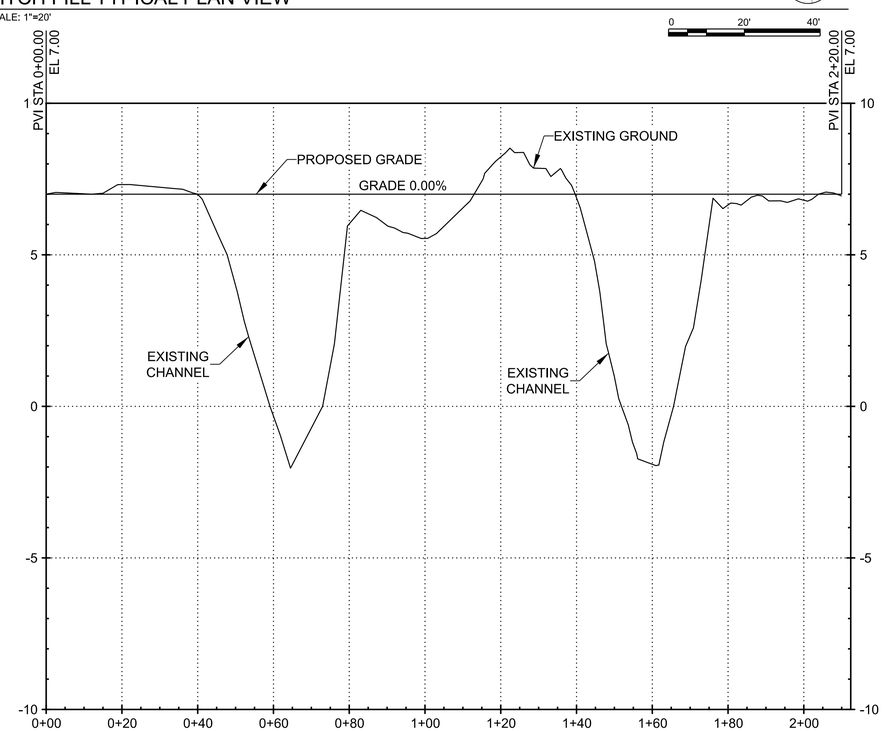


H1 DITCH FILL TYPICAL PLAN VIEW

SCALE: 1"=20'

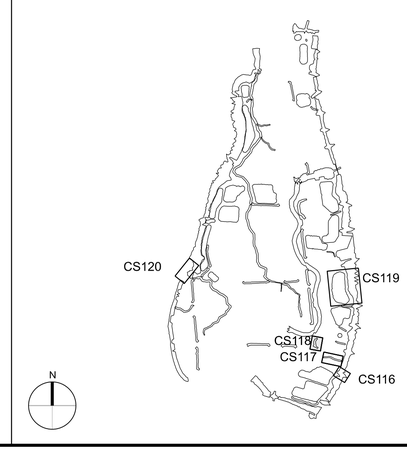


A1 DITCH FILL TYPICAL PROFILE

H: 1" = 20'
V: 1" = 2.5'

H:0 20' 40' V:0 2.5' 5'

KEY PLAN:



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SIZE: ANSI D	SCALE:

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

TYPICAL DITCH FILL
PLAN AND PROFILE

SHEET ID

CS118

35% DESIGN SUBMITTAL

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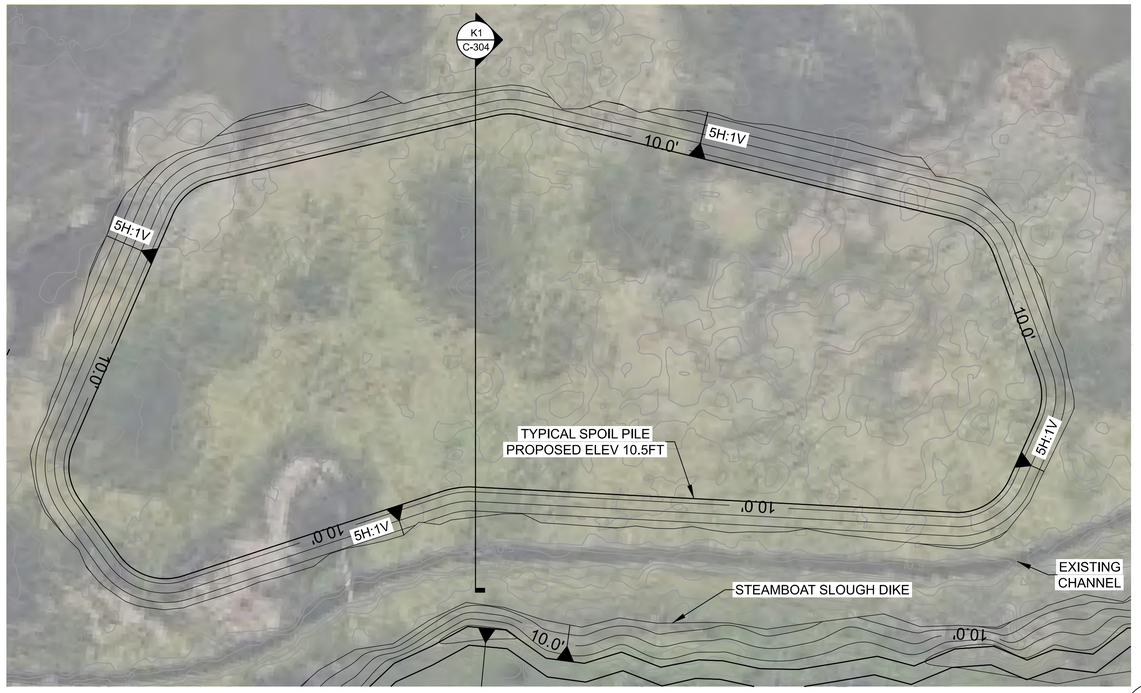
3:28:11 PM 11/19/2024
PD: AEC_pdf.pltcfg; PS: NWS_AEC_Screen_FullSize.dscript



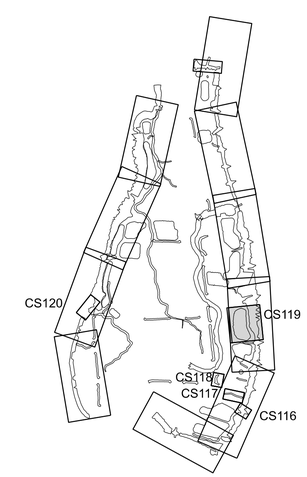
A1 TYPICAL SPOIL PILE PLAN VIEW

SCALE: 1"=40'

0 40' 80'

N

KEY PLAN:



N

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CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. DURRAN	FILE NO.: E-2-8-304
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

TYPICAL SPOIL PILE
PLAN VIEW

SHEET ID

CS119

35% DESIGN SUBMITTAL

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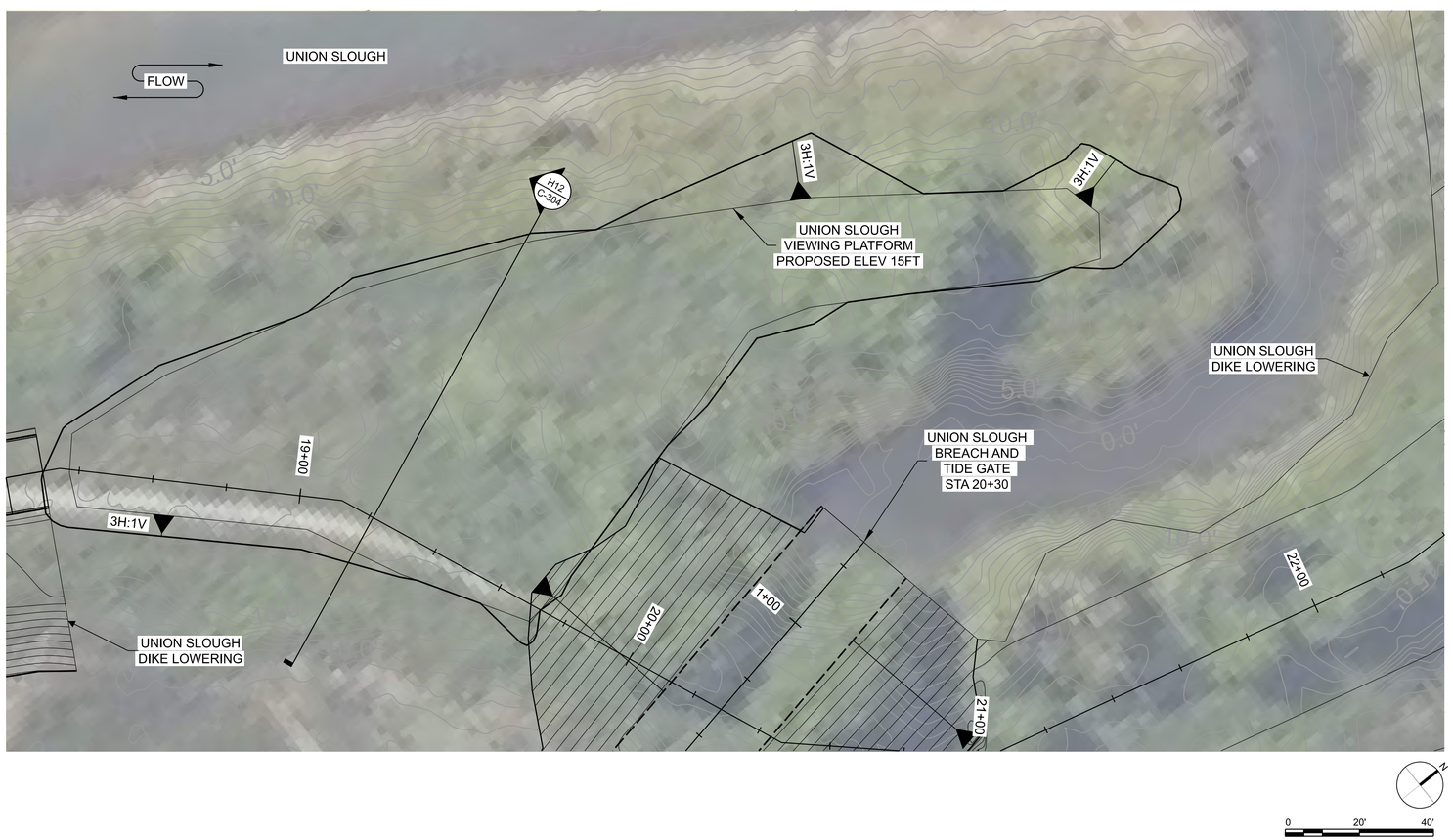
3:34:25 PM 11/19/2024
PD: AEC_pdf.pltcfg; GS: NWS_AEC_Screen_FullSize.dscript



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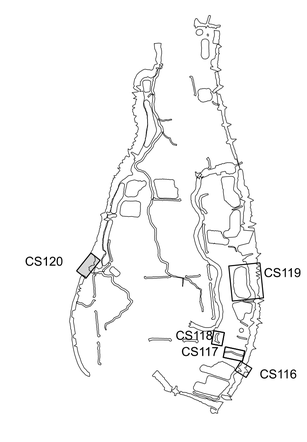

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SIZE: ANSI D	SCALE:

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

UNION SLOUGH
VIEWING PLATFORM PLAN VIEW

SHEET ID
CS120

35% DESIGN SUBMITTAL

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3:51:25 PM 11/19/2024
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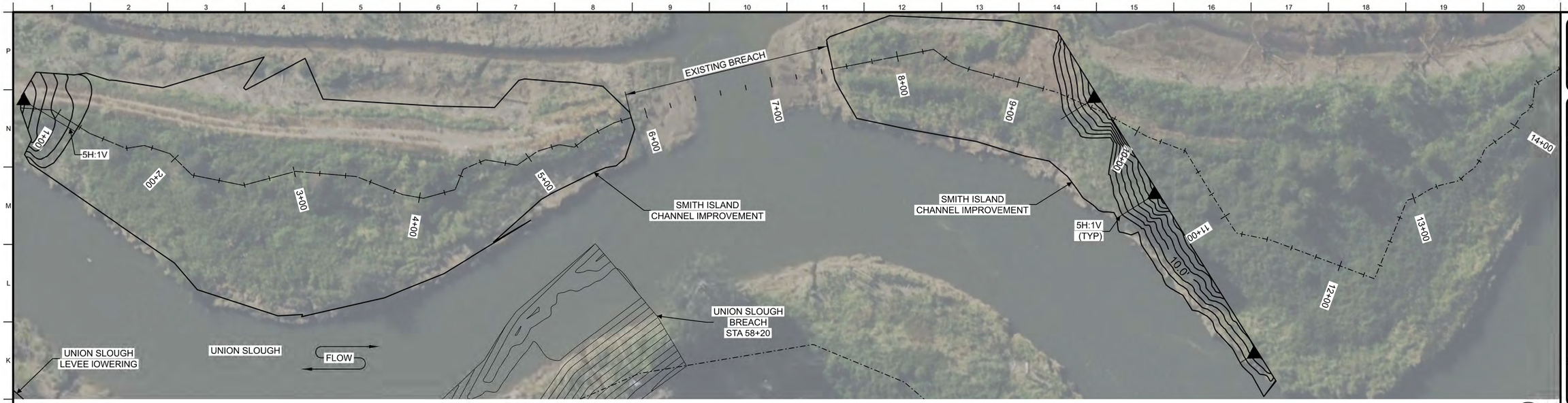
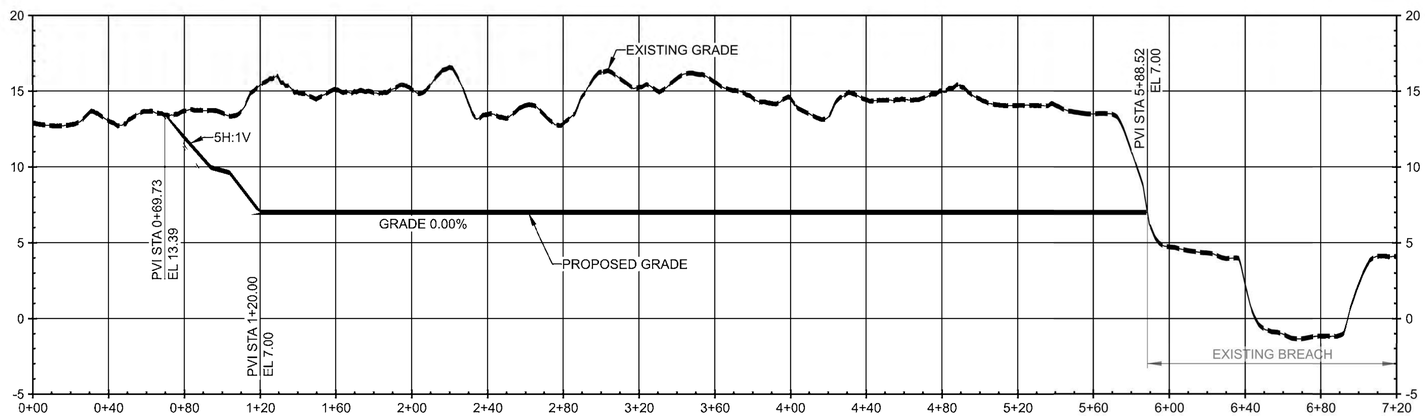


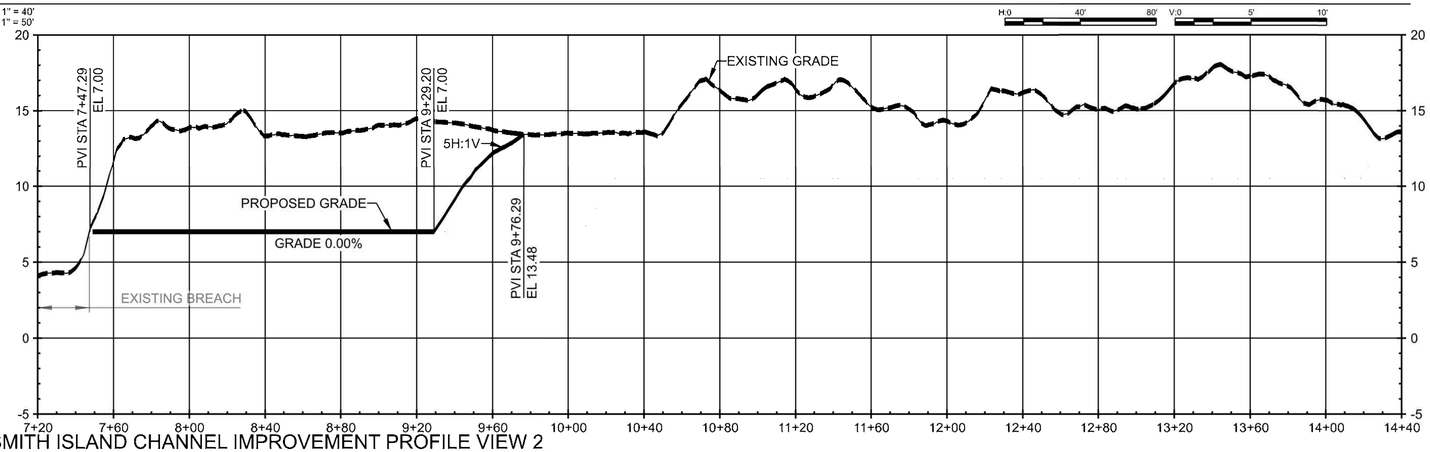
J1 SMITH ISLAND CHANNEL IMPROVEMENT PLAN VIEW

1" = 40'



E1 SMITH ISLAND CHANNEL IMPROVEMENT PROFILE VIEW 1

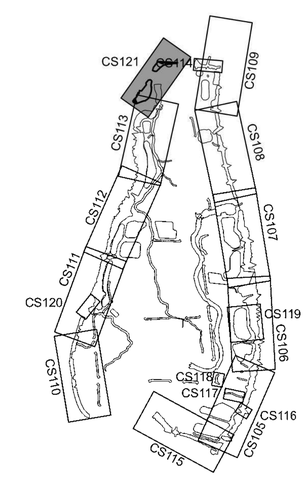
H: 1" = 40'
V: 1" = 50'



A1 SMITH ISLAND CHANNEL IMPROVEMENT PROFILE VIEW 2

H: 1" = 40'
V: 1" = 50'

KEY PLAN:



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MARK	DESCRIPTION	DATE

DESIGNED BY: A. ROTHERY	ISSUE DATE: 07/25/2025
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY:	CONTRACT NO.:
SUBMITTED BY:	FILE NO.: E-2-9-364
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

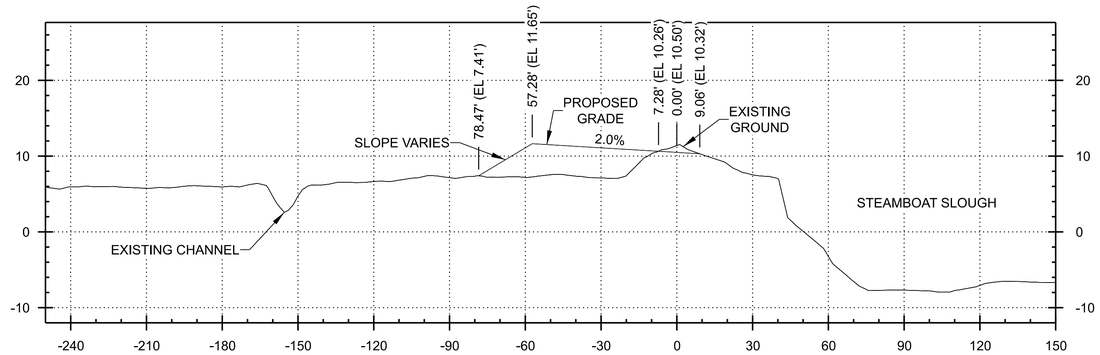
FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

SMITH ISLAND CHANNEL IMPROVEMENT
PLAN AND PROFILE

SHEET ID
CS121

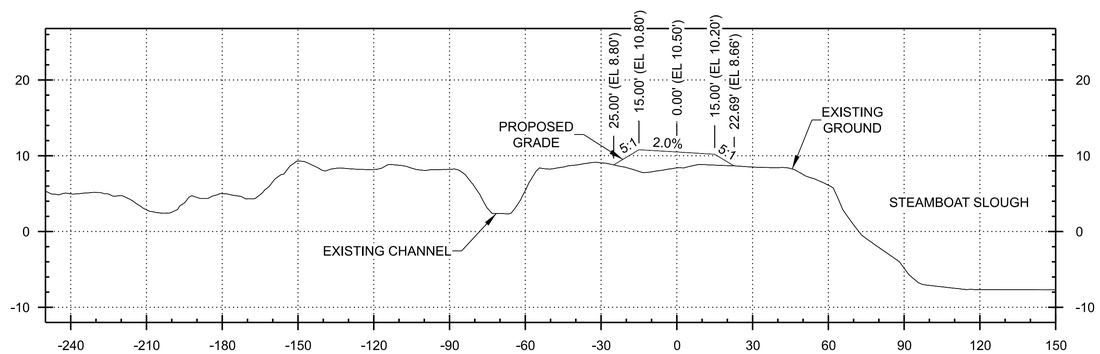
pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets/03_Sheets/FEASIBILITY PLAN AND PROFILE/CS121 SMITH ISLAND CHANNEL IMPROVEMENT PLAN AND PROFILE.dgn
Plot Date: 12:01:53 PM 1/16/2026 PD: AEC_pdf.pltcfg PS: NWS_AEC_Screen_FullSize.dscript

Draft



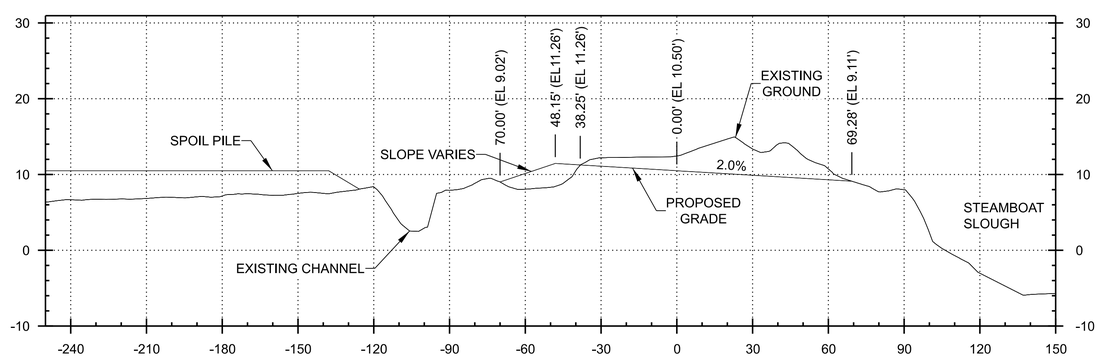
J1 STEAMBOAT SLOUGH TYPICAL CROSS SECTION 3

H: 1" = 30'
V: 1" = 10'



E1 STEAMBOAT SLOUGH TYPICAL CROSS SECTION 2

H: 1" = 30'
V: 1" = 10'



A1 STEAMBOAT SLOUGH TYPICAL CROSS SECTION 1

H: 1" = 30'
V: 1" = 10'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: A. ROTHERY	ISSUE DATE: 30 SEP 2024
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. DURKAN	FILE NO.: E-2-8-364
SIZE: ANSI D	SCALE:

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

STEAMBOAT SLOUGH
TYPICAL CROSS SECTIONS

SHEET ID

C-301

35% DESIGN SUBMITTAL

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets 29JUL2024/03_Sheets/FEASIBILITY CROSS SECTION SHEETS/C-301 STEAMBOAT SLOUGH TYPICAL CROSS SECTIONS.dgn
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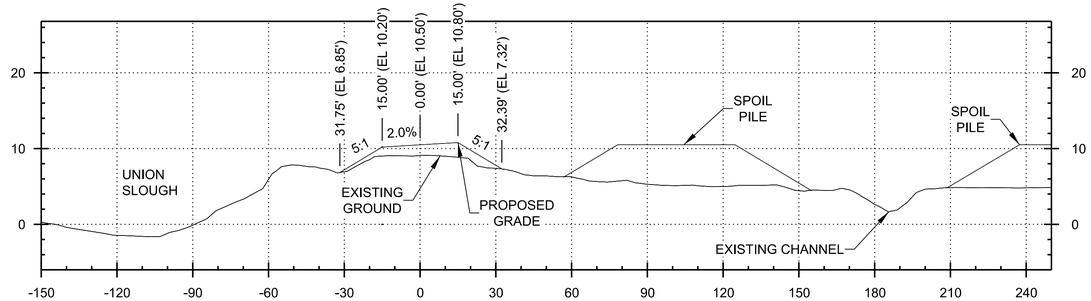
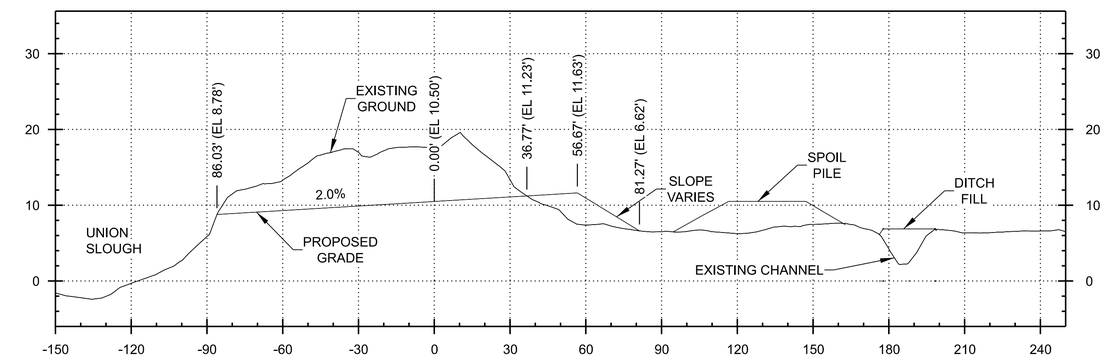


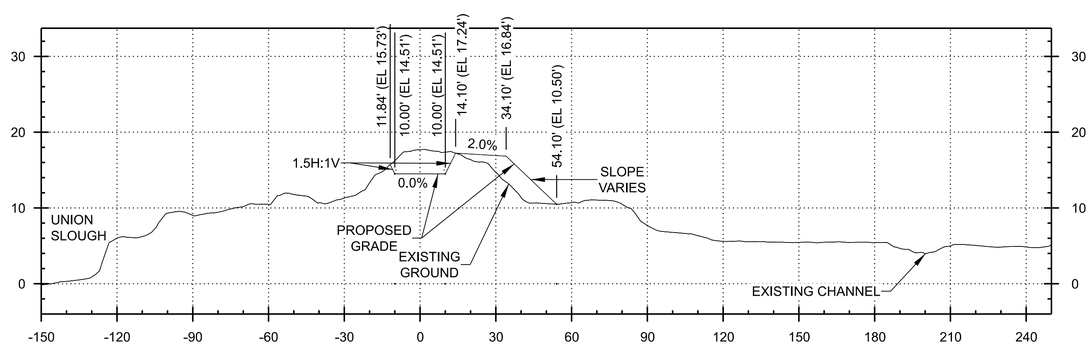
J1 UNION SLOUGH TYPICAL CROSS SECTION 3

H: 1" = 30'
V: 1" = 10'



E1 UNION SLOUGH TYPICAL CROSS SECTION 2

H: 1" = 30'
V: 1" = 10'



A1 UNION SLOUGH TYPICAL CROSS SECTION 1

H: 1" = 30'
V: 1" = 10'

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MARK	DESCRIPTION	DATE

DESIGNED BY: A. ROTHERY	ISSUE DATE: 30 SEP 2024
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. CURRAN	FILE NO.: E-2-8-304
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

UNION SLOUGH
TYPICAL CROSS SECTIONS

SHEET ID

C-302

35% DESIGN SUBMITTAL

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets 23JUL2024/03_Sheets/FEASIBILITY CROSS SECTION SHEETS/C-302 UNION SLOUGH TYPICAL CROSS SECTIONS.dgn
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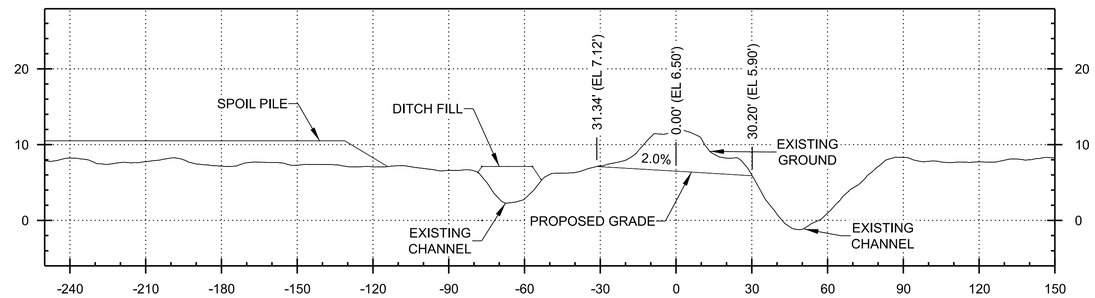
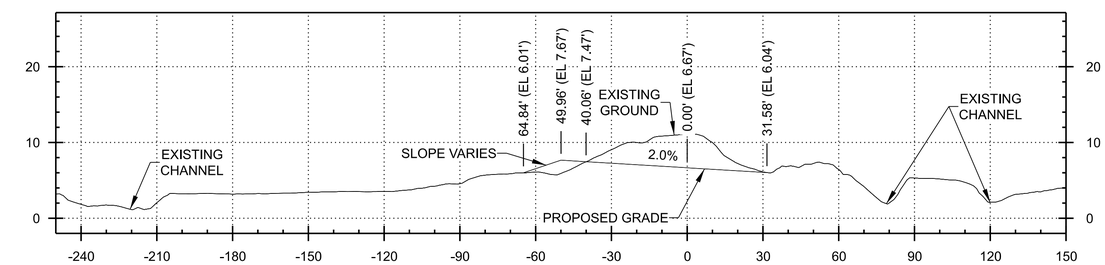


J1 SOUTH DIKE TYPICAL CROSS SECTION 2

H: 1" = 30'
V: 1" = 10'

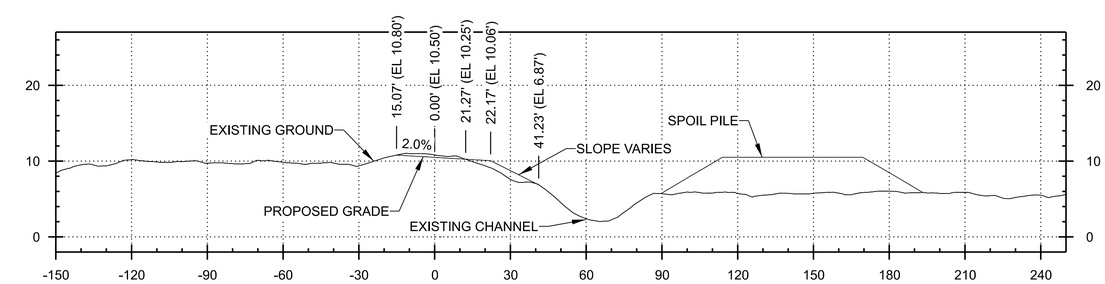
H:0 30' 60' V:0 10' 20'



E1 SOUTH DIKE TYPICAL CROSS SECTION 1

H: 1" = 30'
V: 1" = 10'

H:0 30' 60' V:0 10' 20'



A1 NORTH DIKE TYPICAL CROSS SECTION

H: 1" = 30'
V: 1" = 10'

H:0 30' 60' V:0 10' 20'

US Army Corps of Engineers®

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DESIGNED BY: A. ROTHERY	ISSUE DATE: 30 SEP 2024
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
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SUBMITTED BY: J. DURRAN	FILE NO.: E2-23-304
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

NORTH DIKE AND SOUTH DIKE
TYPICAL CROSS SECTIONS

SHEET ID

C-303

35% DESIGN SUBMITTAL

PW:{P:\PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets 29JUL2024/03_Sheets/FEASIBILITY CROSS SECTION SHEETS/C-303 NORTH DIKE AND SOUTH DIKE TYPICAL CROSS SECTIONS.dgn
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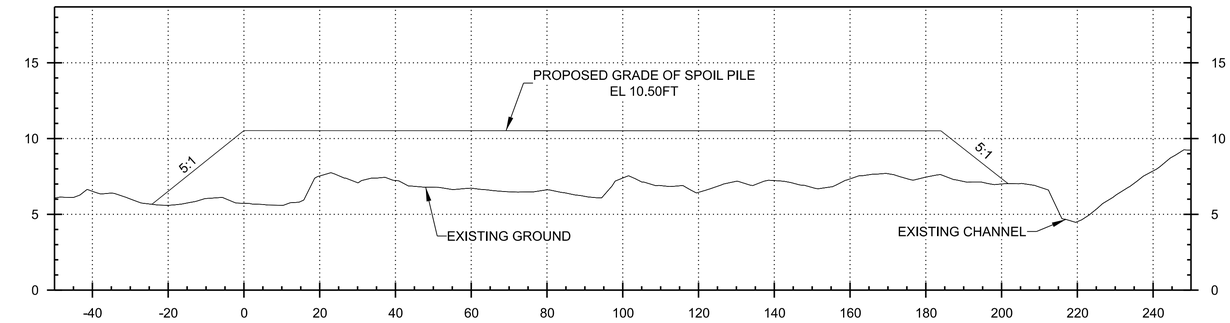
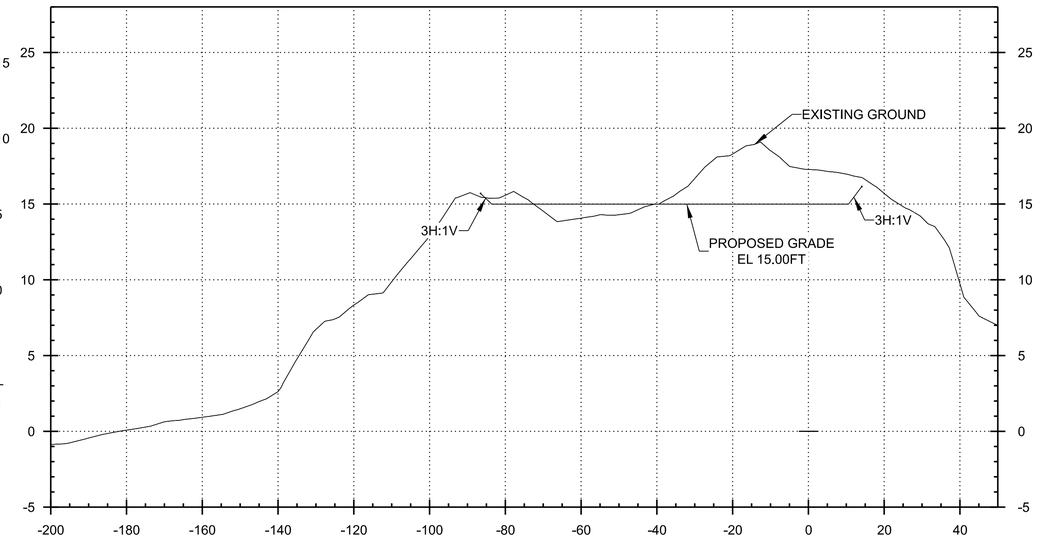
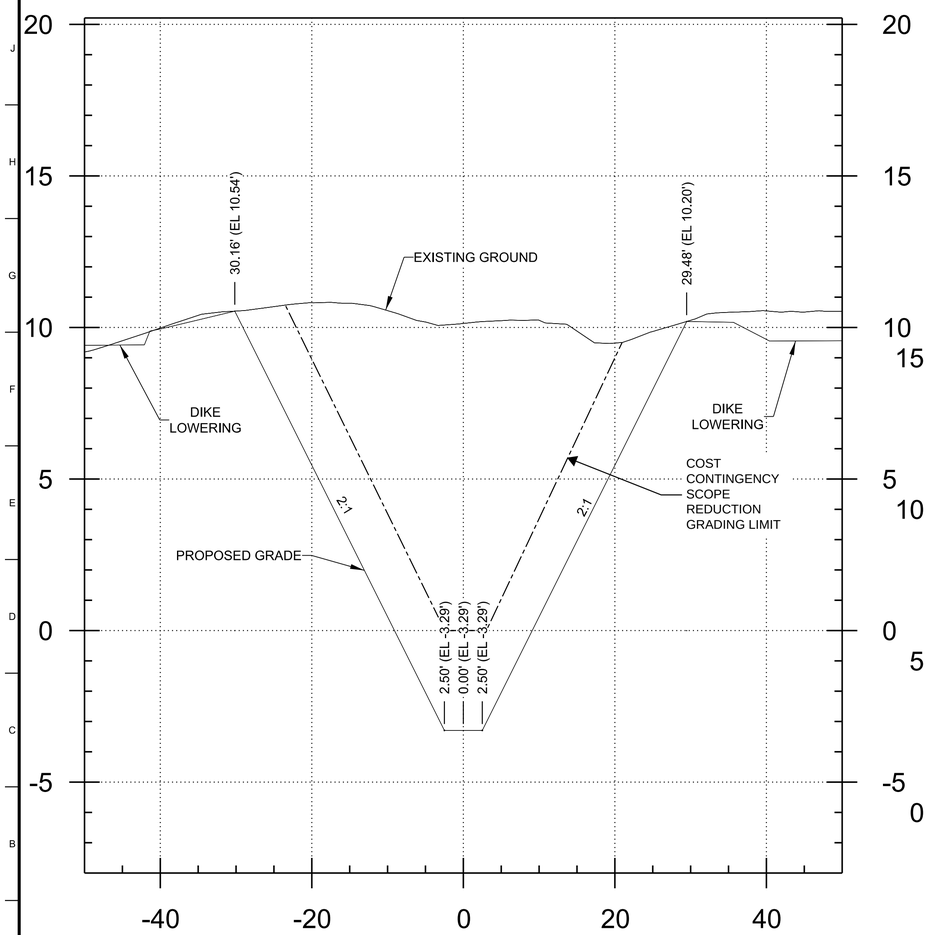


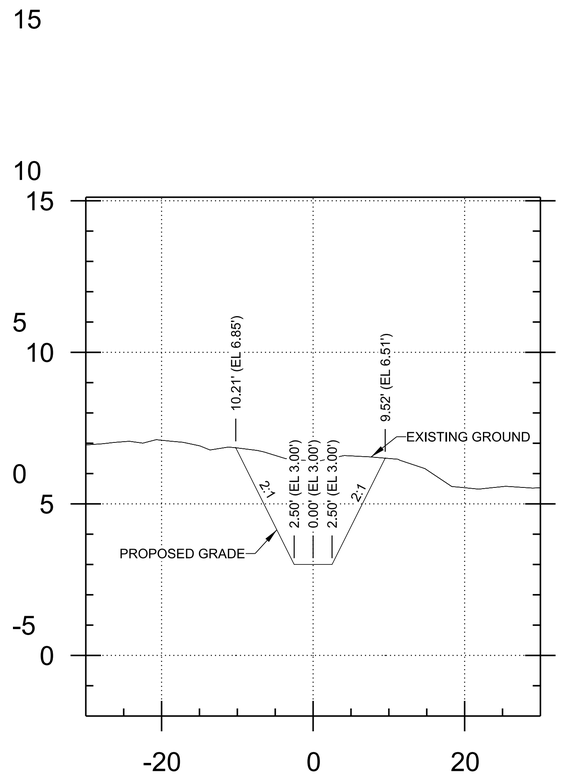
K1 SPOIL PILE TYPICAL CROSS SECTION
H: 1" = 10'
V: 1" = 2.5'



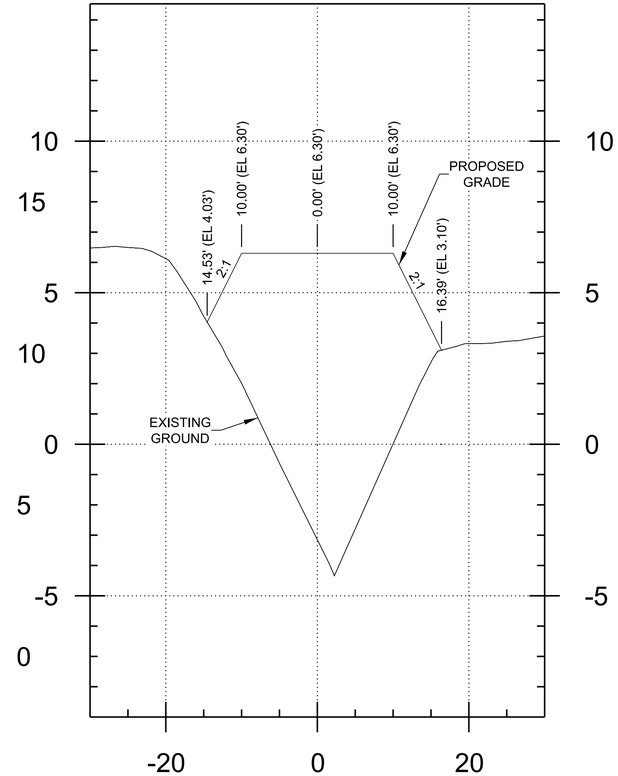
H12 VIEWING PLATFORM TYPICAL CROSS SECTION
H: 1" = 10'
V: 1" = 2.5'



A1 BREACH TYPICAL CROSS SECTION
H: 1" = 10'
V: 1" = 2.5'



A9 CHANNEL TYPICAL CROSS SECTION
H: 1" = 10'
V: 1" = 2.5'



A14 DITCH FILL TYPICAL CROSS SECTION
H: 1" = 10'
V: 1" = 2.5'

US Army Corps of Engineers®

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DESIGNED BY: A. ROTHERY	ISSUE DATE: 30 SEP 2024
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. CURRAN	FILE NO.: E-2-8-304
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

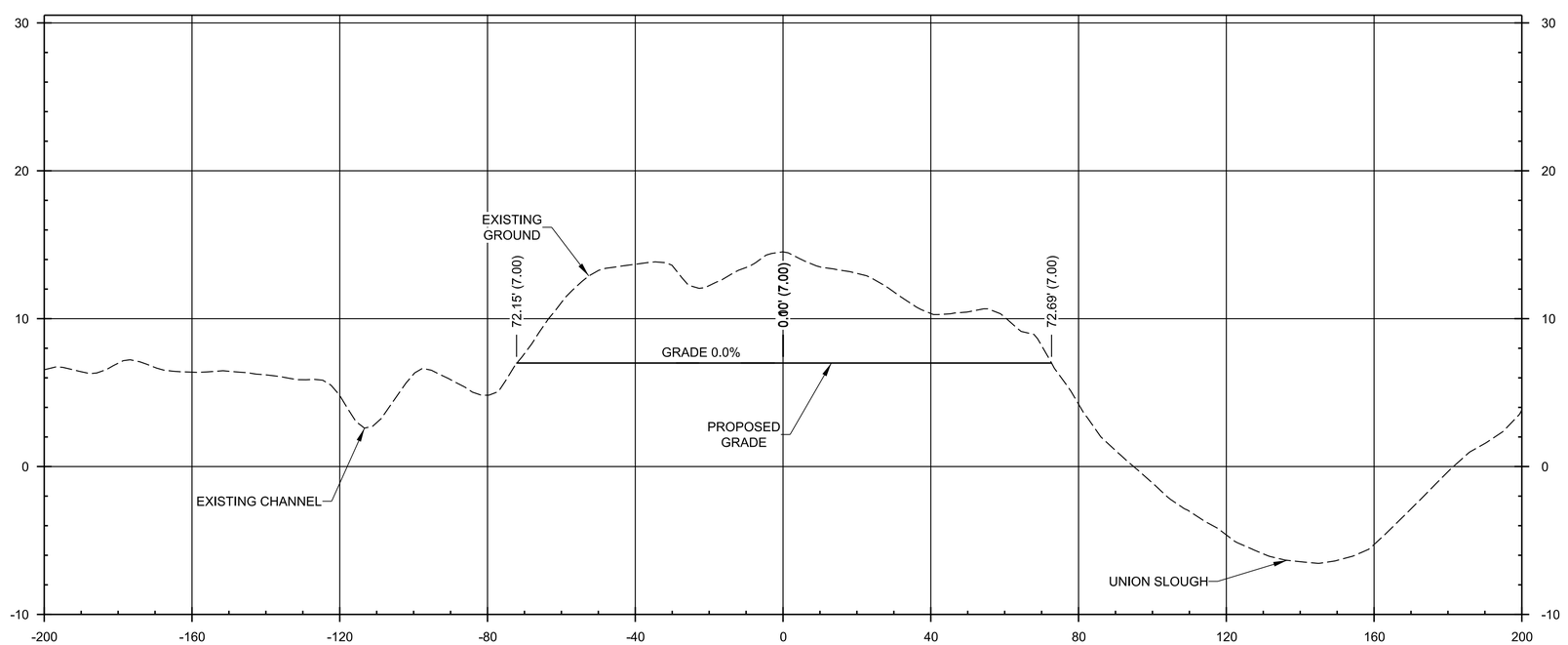
FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

BREACH, CHANNEL, DITCH FILL, SPOIL PILE, VIEWING PLATFORM TYPICAL CROSS SECTIONS

SHEET ID
C-304

35% DESIGN SUBMITTAL

PW: P:\PROJECTS\MIL-CENWS - Seattle District\Documents\Civil Works\Snohomish River, WA\FY22 P2-452555 SIER\Plan Sets 29-JUL2024\03_Sheets\FEASIBILITY CROSS SECTION SHEETS\C-304 BREACH, CHANNEL, DITCH FILL, SPOIL PILE, VIEWING PLATFORM TYPICAL CROSS SECTIONS.dgn
4:02:16 PM 11/19/2024 PD: AEC_pdf.pltcfg DS: NWS_AEC_Screen_FullSize.dscript



A1 SMITH ISLAND CHANNEL IMPROVEMENT TYPICAL CROSS SECTION 1

H: 1" = 20'
V: 1" = 5'

H:0 20' 40' V:0 5' 10'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: A. ROTHERY	ISSUE DATE: 20 MAY 2024
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY:	CONTRACT NO.:
SUBMITTED BY:	FILE NO.: E-2-3-304
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

BREACH, CHANNEL, DITCH FILL, SPOIL PILE,
SMITH ISLAND CHANNEL IMPROVEMENT
TYPICAL CROSS SECTION

SHEET ID

C-305

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets/03_Sheets/FEASIBILITY CROSS SECTION SHEETS/C-305 SMITH ISLAN CHANNEL IMPROVEMENT TYPICAL CROSS SECTION.dgn
Plot Date: 12:35:25 PM 1/16/2026 PD: AEC_pdf.pltcfg DS: NWS_AEC_Screen_FullSize.dscript

Draft

GENERAL NOTES:

TREE COUNT:
TOTAL CONIFERS = 46
TOTAL TREES = 565

1. DEMOLISTION OF CONIFER TREES SHALL BE AVOIDED DURING COSNTRUCTION AS NEEDED.

LEGEND:

OUTLINE OF EXISTING TREES

A1 OVERALL TREE SITE PLAN

SCALE: 1" = 300'

0 300' 600'

N

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

DESIGNED BY: A. ROTHERY	ISSUE DATE: 30 SEP 2024
DRAWN BY: A. ROTHERY	SOLICITATION NO.:
CHECKED BY: J. SKRINDE	CONTRACT NO.:
SUBMITTED BY: J. DURRAN	FILE NO.: E-2-8-384
SIZE: ANSI D	

FY22 P2-452555 SIER
SPENCER ISLAND ESTUARY RESTORATION
EVERETT, WASHINGTON

OVERALL TREE SITE PLAN

SHEET ID

L-101

35% DESIGN SUBMITTAL

pw://PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CENWS - Seattle District/Documents/Civil Works/Snohomish River, WA/FY22 P2-452555 SIER/Plan Sets 29/UL2024/03_Sheets/FEASIBILITY PLAN AND PROFILE/L-101 OVERALL TREE SITE PLAN.dgn
12:27:31 PM 11/19/2024
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