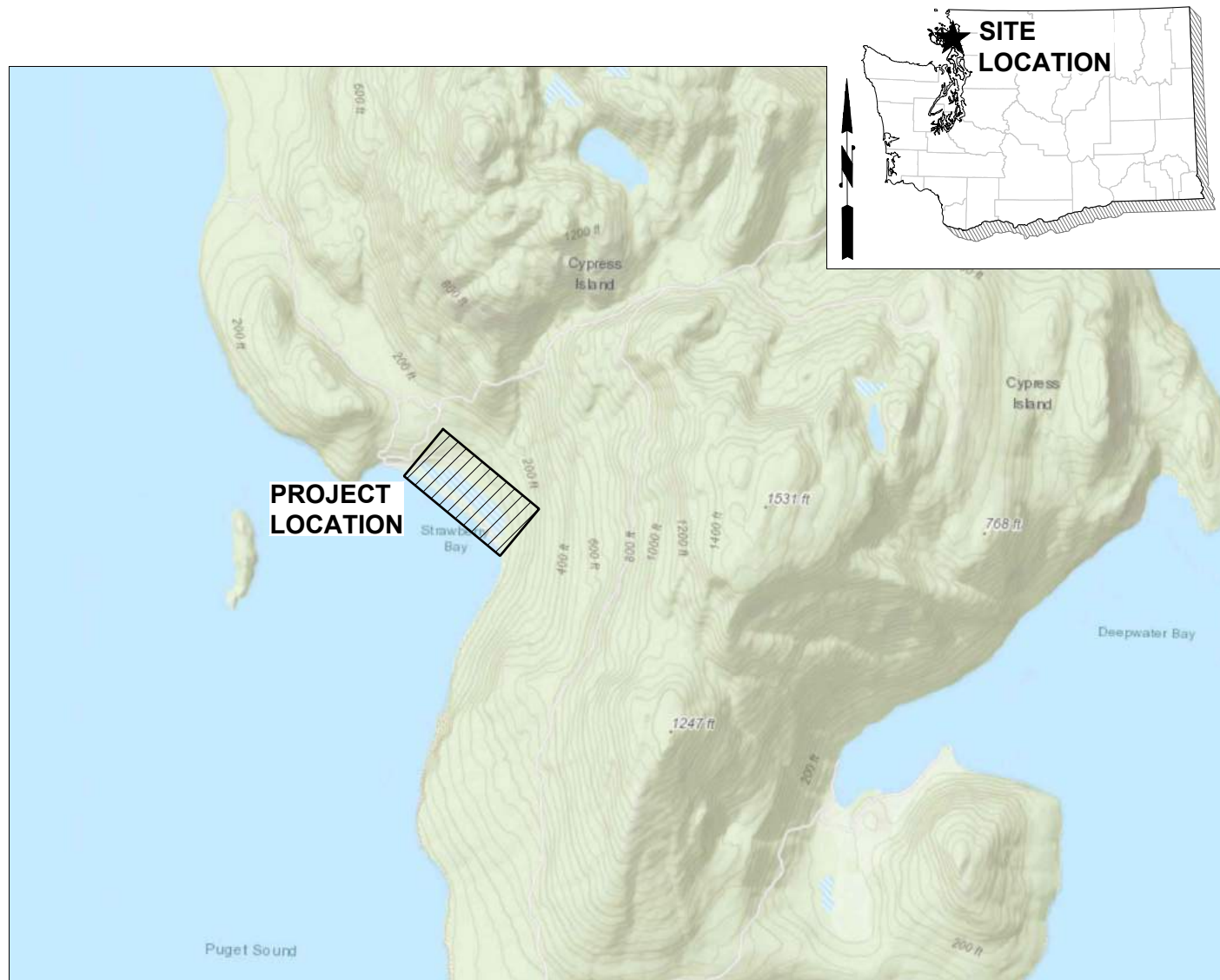


STRAWBERRY BAY

CYPRESS ISLAND, SKAGIT COUNTY, WASHINGTON



VICINITY MAP
SCALE: 1"=1/2 MILE

OWNER:

WASHINGTON DEPARTMENT OF NATURAL RESOURCES
919 NORTH TOWNSHIP STREET
SEDRO-WOOLLEY, WA 98284
PHONE: (360) 708-1692
EMAIL: PAUL.MCFARLAND@DNR.WA.GOV
CONTACT: PAUL MCFARLAND

ENGINEER:

HERRERA ENVIRONMENTAL CONSULTANTS
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CONTACT: JONATHAN WAGGONER, PE

AUTHORIZED AGENT:

TINA MIRABILE, PWS
PHONE: (360) 202-6839
EMAIL: tmirabile@herrerainc.com

SHEET INDEX

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
2	ABBREVIATIONS, NOTES, AND LEGEND
3	PARCEL MAP
4	EXISTING CONDITIONS
5	SITE PREPARATION, TESC, AND DEMOLITION PLAN
6	SITE PLAN - OVERVIEW
7	SITE PLAN - GRADING
8	PROFILE AND SECTIONS
9	PLANTING PLAN

STATE: WA
COUNTY: SKAGIT
CITY: -
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WATERBODY: STRAWBERRY BAY

LAT/LONG: 48° 33' 53.26" N / 122° 43' 19.79" W
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VERTICAL DATUM: NAVD88



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STRAWBERRY BAY

COVER SHEET

FIGURE

1

REFERENCE:
XXX

DATE:
JUNE 2023

SHEET: 1 OF: 9

SURVEY NOTES:

1. VERTICAL DATUM IS NAVD 88.
2. HORIZONTAL DATUM IS WASHINGTON STATE PLANE NORTH NAD 83.
3. SURVEY IS FROM 2022 POWERTEK. HORIZONTAL DATUM - NAD 83, WA STATE PLANE NORTH. VERTICAL DATUM - NAVD 88.
4. CONTOURS SHOWN OUTSIDE SURVEY AREA WERE DERIVED FROM.

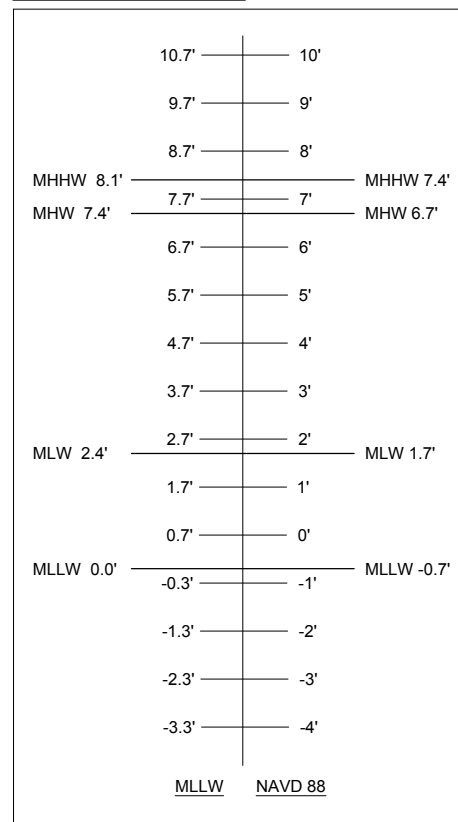
TIDE NOTES:

1. CONTRACTOR SHALL SEQUENCE WORK TO ACCOMMODATE TIDAL FLUCTUATIONS.
2. TIDAL DATUMS AND CONVERSIONS SHOWN (THIS SHEET) OBTAINED FROM THE ONLINE VDATUM TOOL LOCALIZED TO PROJECT SITE (48.562041° N, 122.72531° W).
3. TIDE PREDICTIONS AVAILABLE FROM NOAA TIDE STATION #9448876, STRAWBERRY BAY, CYPRESS ISLAND.

ABBREVIATIONS

APPROX	APPROXIMATE
AVG	AVERAGE
BMP	BEST MANAGEMENT PRACTICE
CG	CLEAR AND GRUB
C/L, CL	CENTERLINE
CONST	CONSTRUCT, CONSTRUCTION
CP	CONTROL POINT
DIA	DIAMETER
DWG	DRAWING
E	EAST, EASTING
EA	EACH
EL	ELEVATION
EX	EXISTING
FT	FEET/FOOT
HOR	HORIZONTAL
HT	HEIGHT
IE	INVERT ELEVATION
IN	INCH/INCHES
L	LENGTH
LF	LINEAL FOOT/FEET
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH/NORTHING
NA	NOT APPLICABLE
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OHW	ORDINARY HIGH WATER
PVMT	PAVEMENT
QTY	QUANTITY
REF	REFERENCE
RT	RIGHT
S	SOUTH, SLOPE
SPEC	SPECIFICATION
STA	STATION
STD	STANDARD
TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
TYP	TYPICAL
W	WEST, WATER
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
WSE	WATER SURFACE ELEVATION

TIDAL ELEVATIONS



TIDAL ABBREVIATIONS:

MHHW	MEAN HIGHER HIGH WATER
MHW	MEAN HIGH WATER
MLW	MEAN LOW WATER
MLLW	MEAN LOWER LOW WATER
HTL	HIGH TIDE LINE ESTIMATED ELEVATION

LEGEND - EXISTING ITEMS

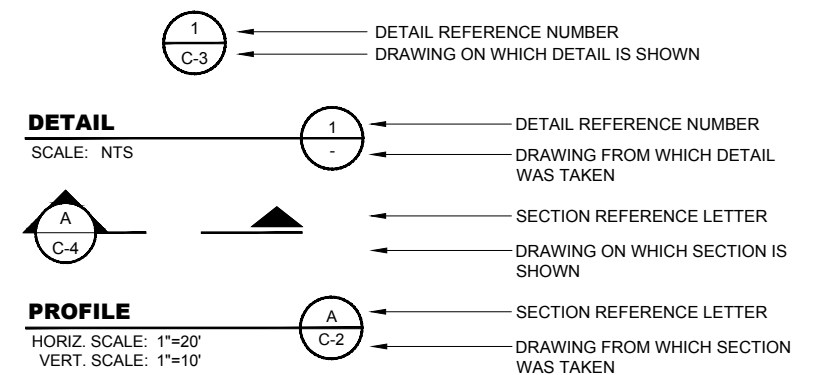
- DELINEATED WETLAND BOUNDARY/STREAM FLAG
- SOIL SAMPLING LOCATION
- OHW ORDINARY HIGH WATER
- OHW-HTL HIGH TIDE LINE/ORDINARY HIGH WATER
- SURVEY BOUNDARY
- STREAM
- APPROX DRAINAGE DITCH
- APPROX TIDE GATE PIPE
- WETLAND

WETLAND BOUNDARY ON PRIVATE PROPERTY WAS ESTIMATED BASED ON TOPOGRAPHY/LIDAR

LEGEND - PROPOSED ITEMS

- PROJECT LIMITS
- HI-VISIBILITY SILT FENCE
- HI-VISIBILITY FENCE
- ACCESS ROUTE/ WETLAND MATS
- BARGE LOADING/UNLOADING AREA
- PEDESTRIAN BRIDGE
- BUILDING REMOVAL
- CULVERT REMOVAL
- TEMPORARY BRIDGE

NOTE AND DETAIL/SECTION REFERENCING:



"-" INDICATES THAT THE DETAIL/SECTION IS SHOWN ON THE SAME SHEET

"TYP" INDICATES THAT THE DETAIL/SECTION IS UNIFORMLY TYPICAL THROUGHOUT PROJECT EXCEPT WHERE OTHERWISE NOTED

"VAR" SPECIFIES THAT DETAIL/SECTION WAS TAKEN FROM VARIOUS DRAWINGS

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STRAWBERRY BAY

ABBREVIATIONS, NOTES, AND LEGEND

FIGURE

2

REFERENCE:	XXX
DATE:	JUNE 2023
SHEET:	2 OF: 9



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STATE: WA
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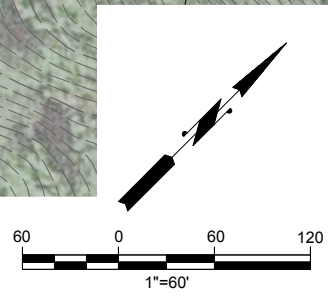
PARCEL MAP

FIGURE

3

REFERENCE:	XXX
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SHEET:	3 OF 9

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STATE: WA
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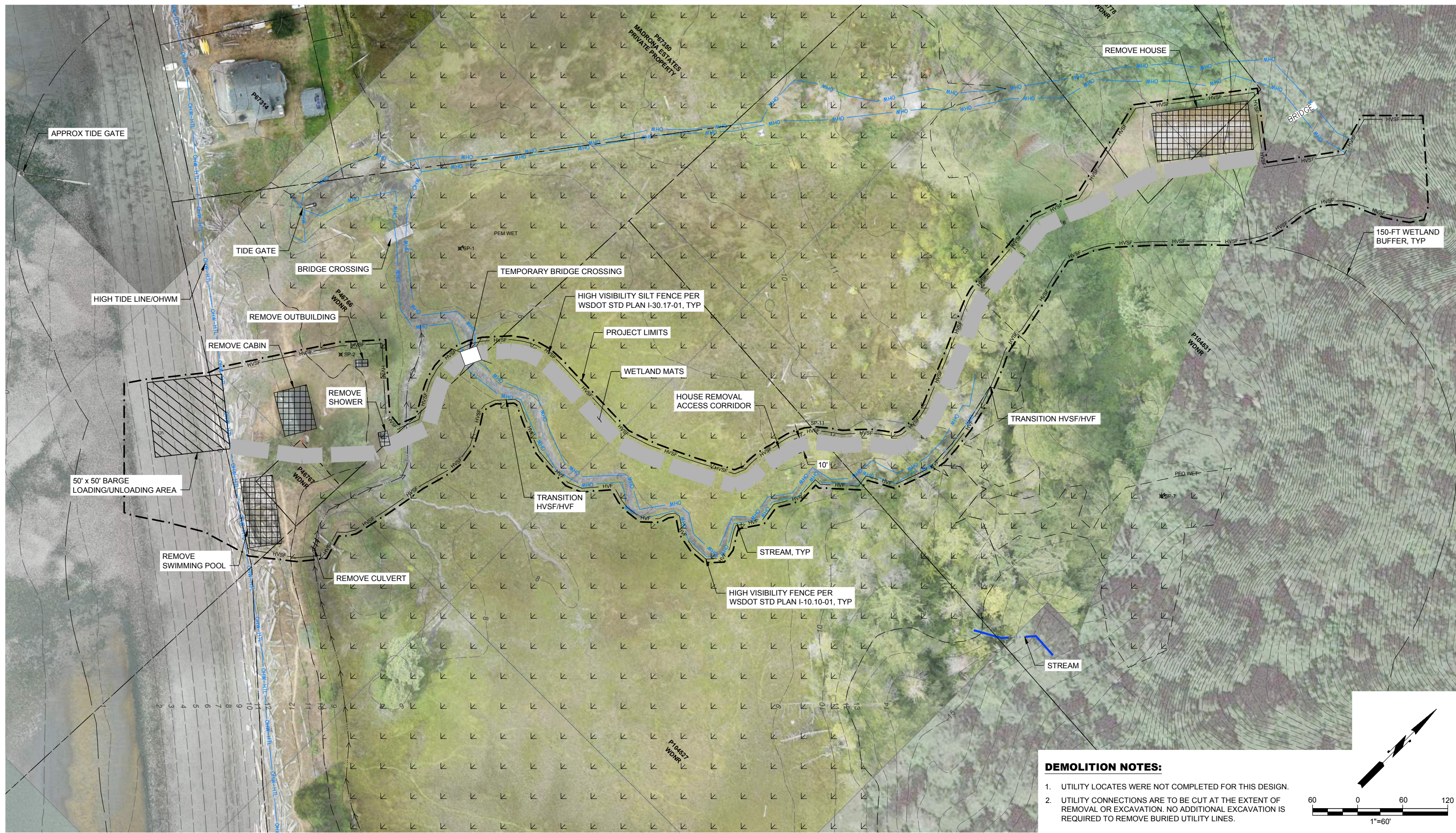
EXISTING CONDITIONS

FIGURE

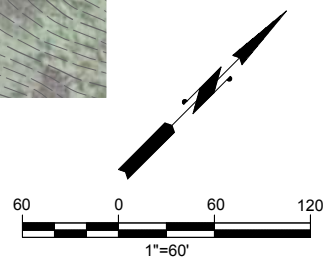
4

REFERENCE:	XXX
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SHEET:	4 OF 9

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- DEMOLITION NOTES:**
1. UTILITY LOCATES WERE NOT COMPLETED FOR THIS DESIGN.
 2. UTILITY CONNECTIONS ARE TO BE CUT AT THE EXTENT OF REMOVAL OR EXCAVATION. NO ADDITIONAL EXCAVATION IS REQUIRED TO REMOVE BURIED UTILITY LINES.



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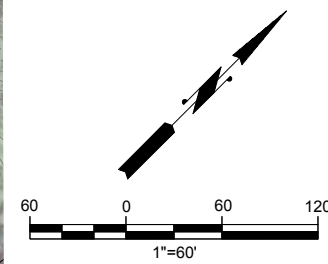
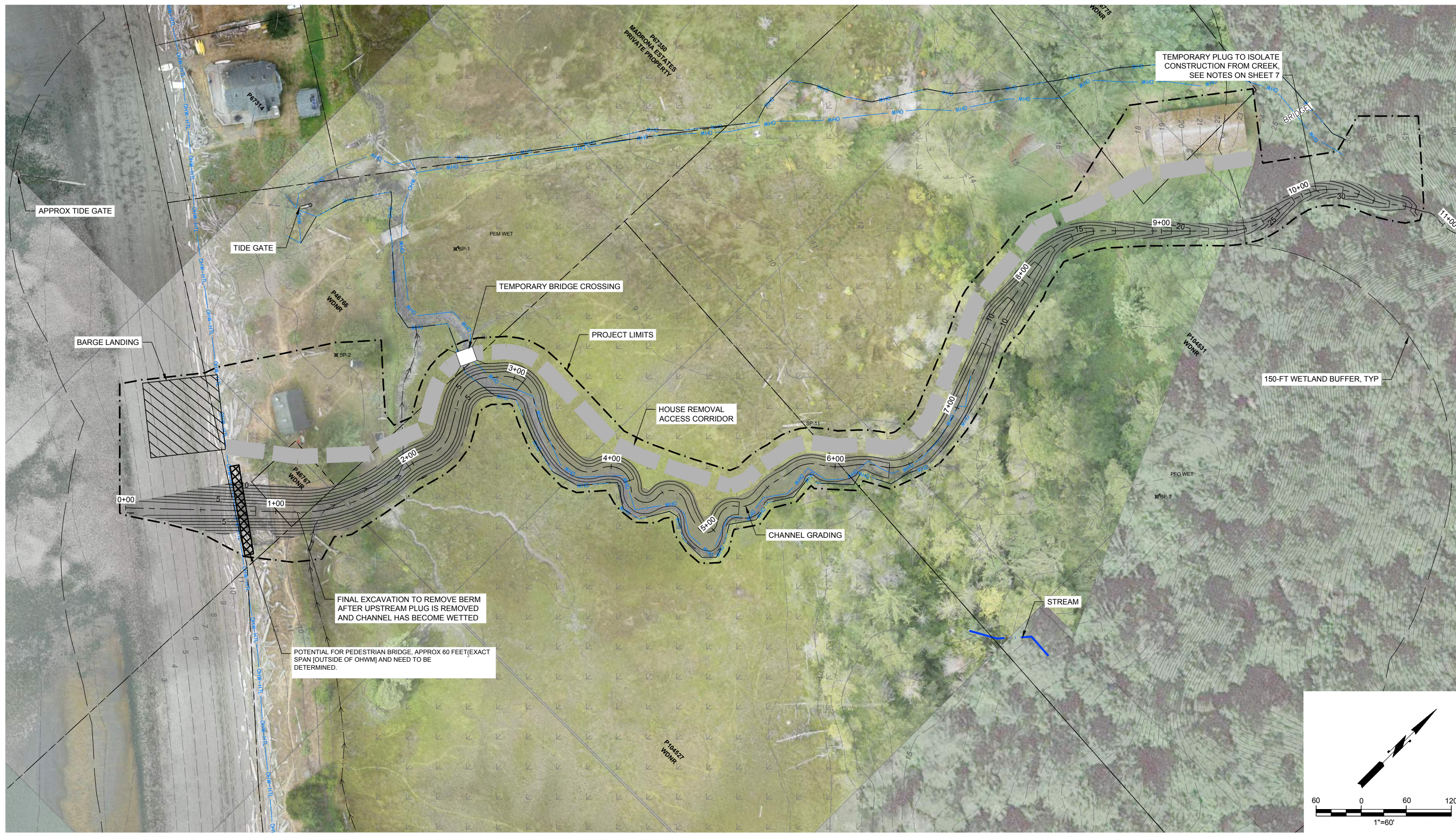
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STRAWBERRY BAY
 SITE PREPARATION, TESC, AND
 DEMOLITION PLAN

5	REFERENCE: XXX
	DATE: JUNE 2023
	SHEET: 5 OF: 9

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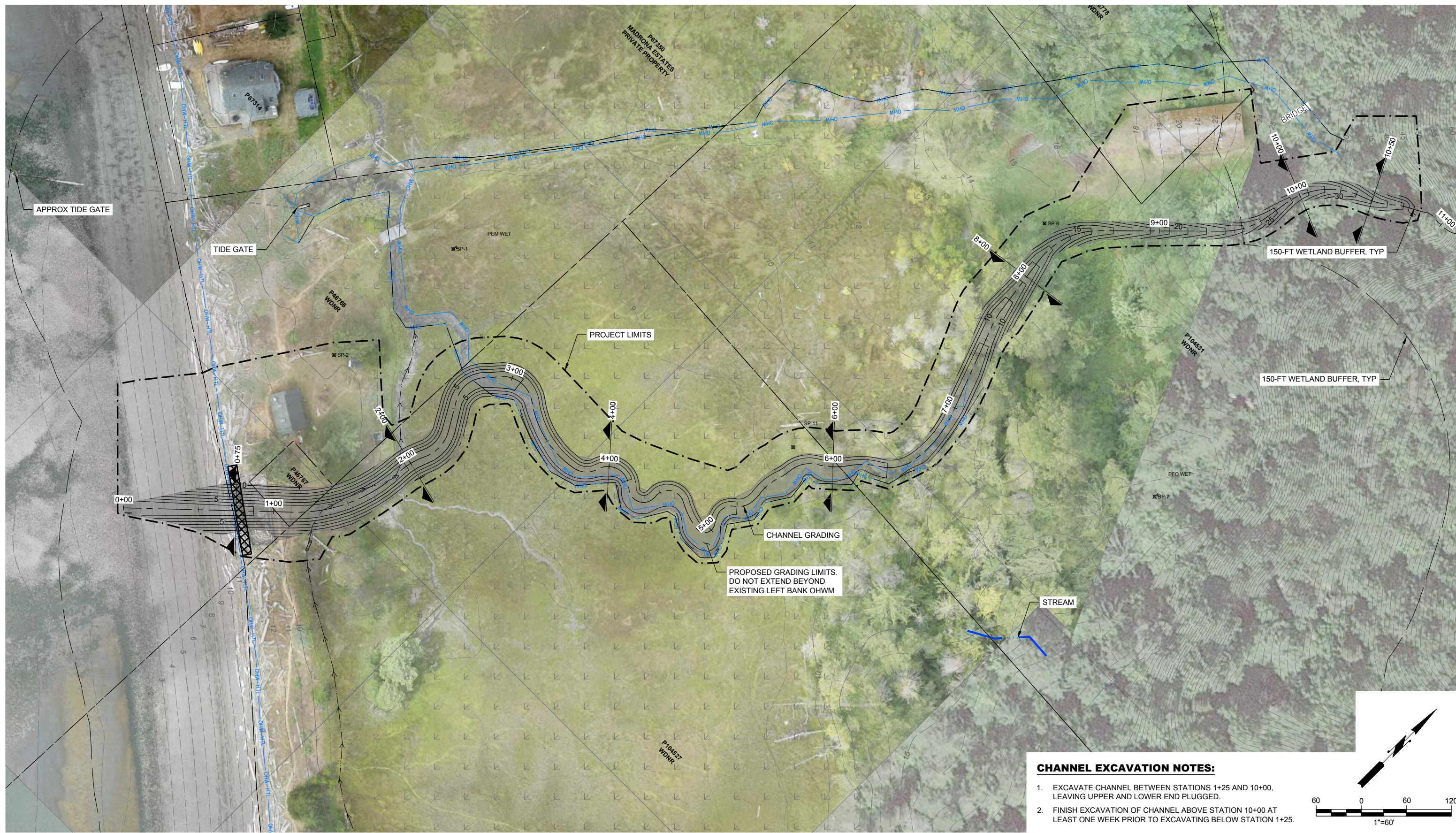
STRAWBERRY BAY

SITE PLAN - OVERVIEW

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	SHEET: 6 OF:	9

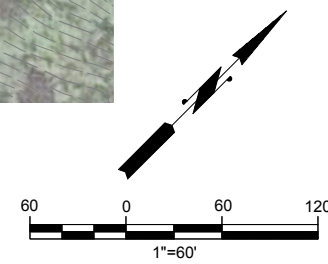
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CHANNEL EXCAVATION NOTES:

1. EXCAVATE CHANNEL BETWEEN STATIONS 1+25 AND 10+00, LEAVING UPPER AND LOWER END PLUGGED.
2. FINISH EXCAVATION OF CHANNEL ABOVE STATION 10+00 AT LEAST ONE WEEK PRIOR TO EXCAVATING BELOW STATION 1+25.



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STRAWBERRY BAY

SITE PLAN - GRADING

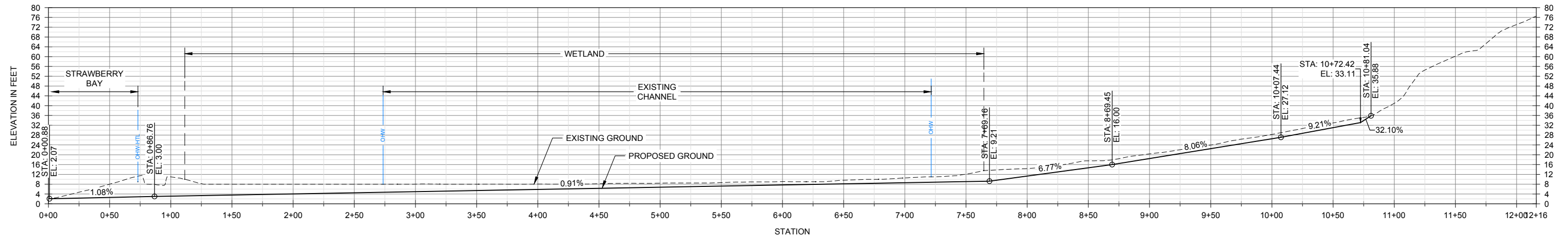
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7

REFERENCE:	XXX
DATE:	JUNE 2023
SHEET:	7 OF 9

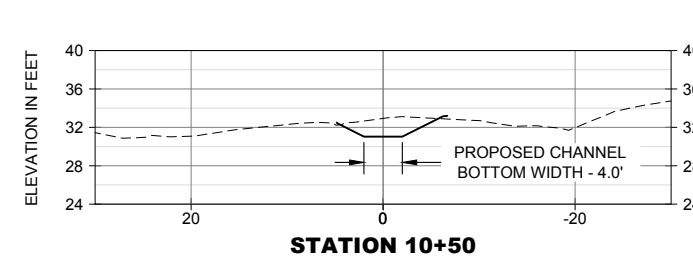
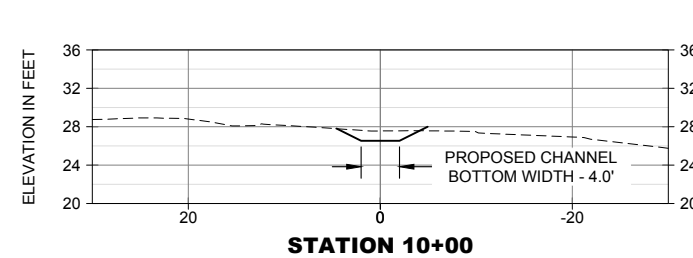
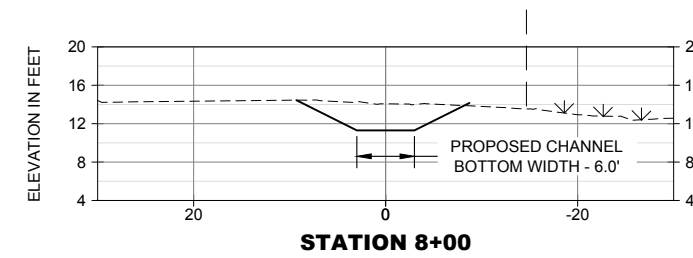
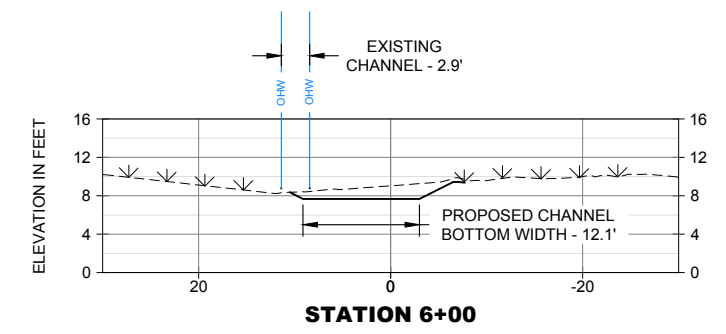
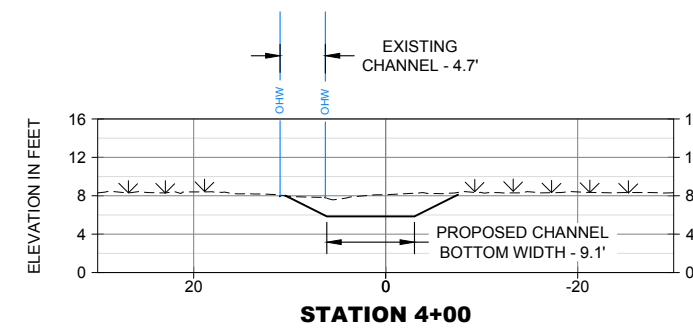
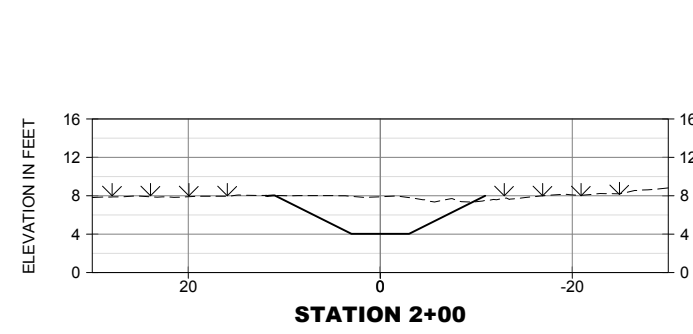
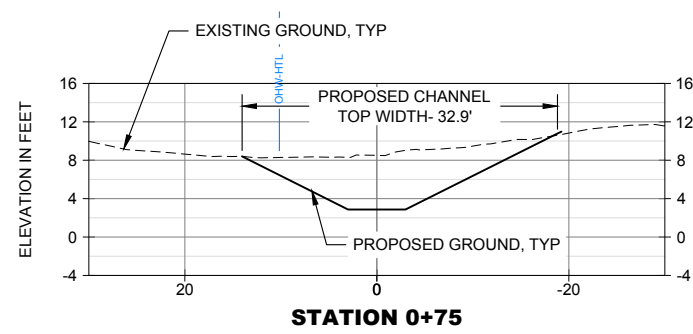
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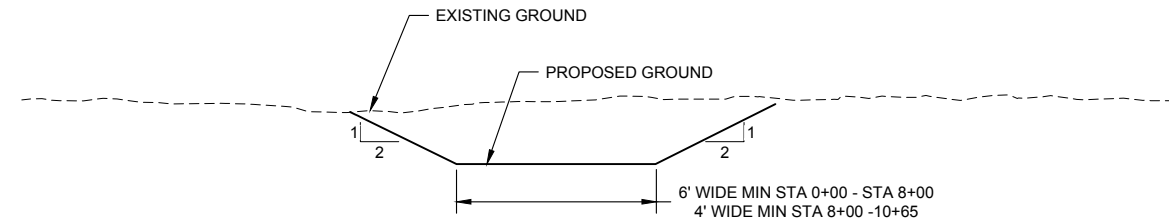
PROFILE - PROPOSED CHANNEL

SCALE: H: 1" = 80'
V: 1" = 40'



CROSS SECTIONS - PROPOSED CHANNEL

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



DETAIL - TYPICAL CHANNEL SECTION

SCALE: NTS



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STRAWBERRY BAY

PROFILE AND SECTIONS

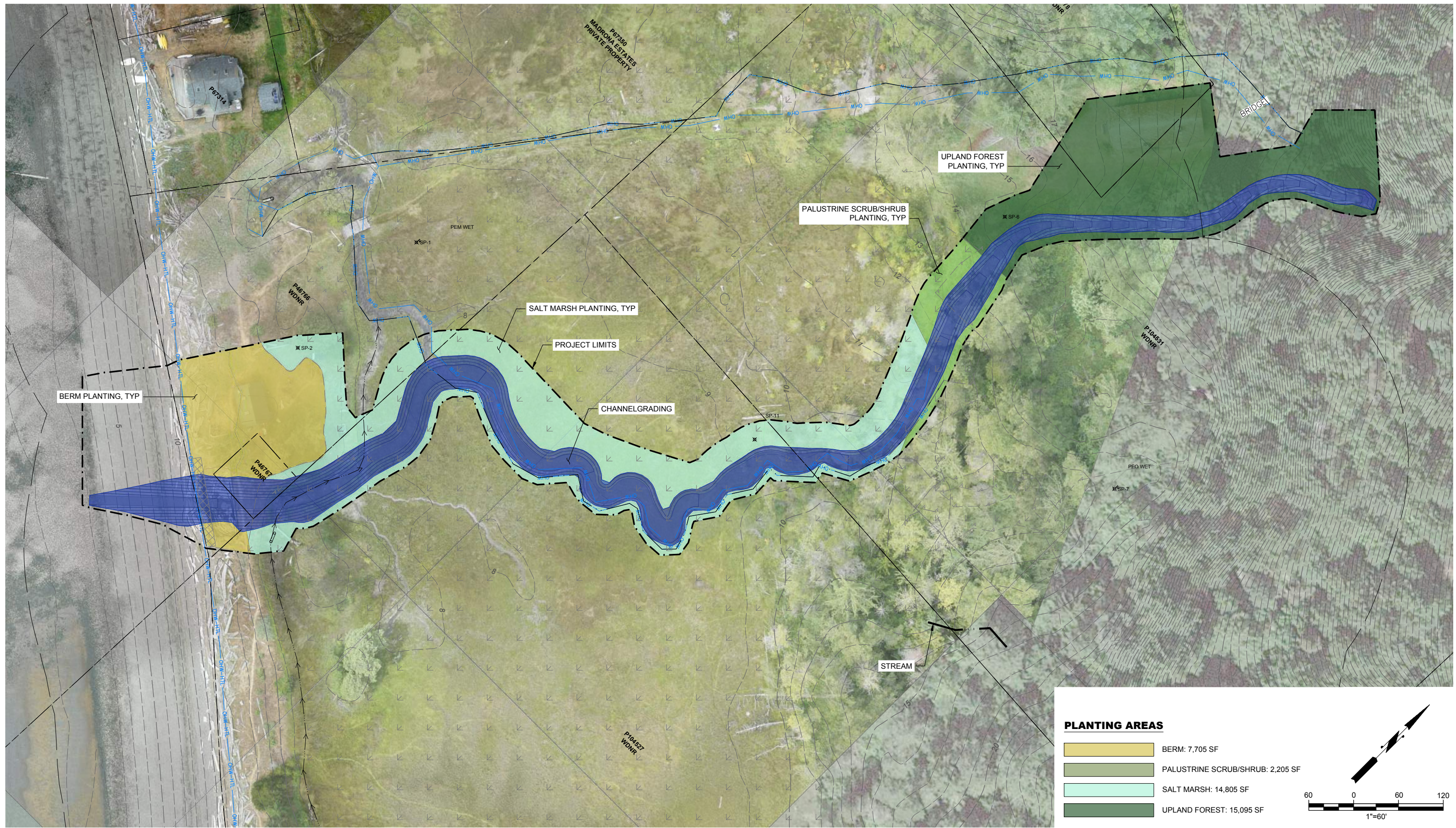
FIGURE

8

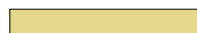

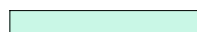

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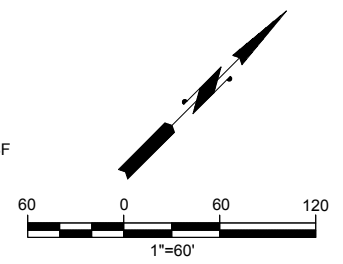
DATE: JUNE 2023

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PLANTING AREAS

	BERM: 7,705 SF
	PALUSTRINE SCRUB/SHRUB: 2,205 SF
	SALT MARSH: 14,805 SF
	UPLAND FOREST: 15,095 SF



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STRAWBERRY BAY

PLANTING PLAN

FIGURE 9	REFERENCE: XXX
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	SHEET: 9 OF: 9

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