

**CITY/BOROUGH OF JUNEAU
DOWNTOWN SEAWALK
BRIDGE TO GOLD CREEK**

CORPS PERMIT GRAPHICS

DATE: March 13, 2014

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12. SITE SECTIONS B AND C
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15. SITE SECTION G

PREPARED BY:

- TETRA TECH
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- BOSWORTH BOTANICAL CONSULTING
- CATHY POHL
- CH2M HILL
- COAST AND HARBOR, ENGINEERING
Inc.
- DOWL
- PATRICIA HARRIS

APPLICANT: CITY AND BOROUGH OF JUNEAU
FILE NO.: POA-2014-108
WATERWAY: GASTINEAU CHANNEL
PROPOSED ACTIVITY: OVERWATER PILE-SUPPORTED WALKWAY (SEAWALK),
HABITAT ISLAND FILL, SHORELINE RESTORATION, WATERFRONT PARK FILL
SEC. 23 T. 415 R. 67E M. COPPER RIVER MERIDIAN-JUNEAU
LAT.: 47° 30' 04.65" N LON.: 122° 17' 19.69" W
SHEET 1 OF 15 DATE: 03/13/14

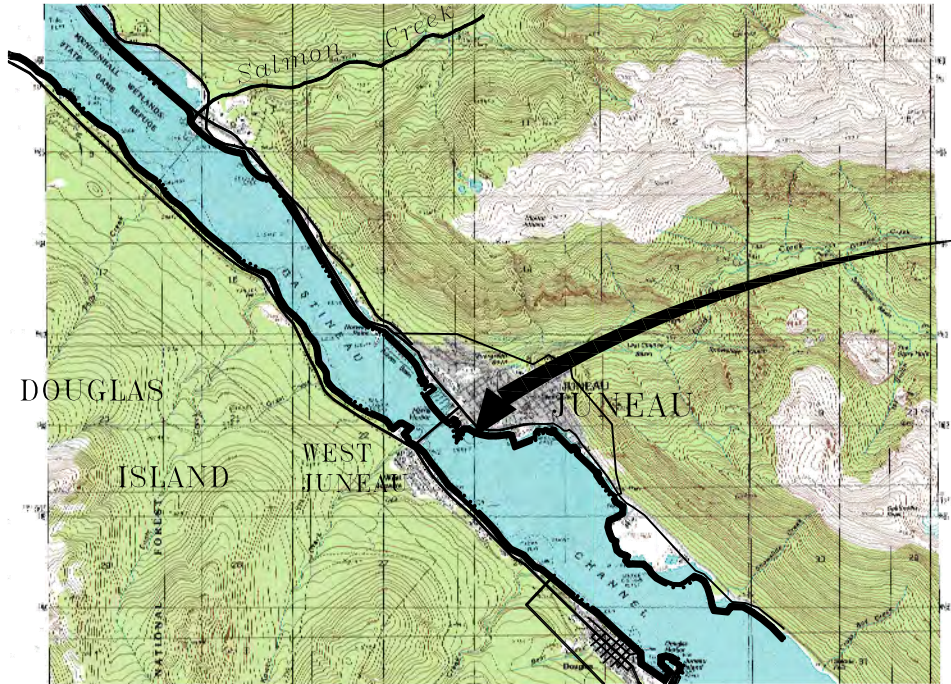


SCALE: 1"=100'



DATUM: MLLW

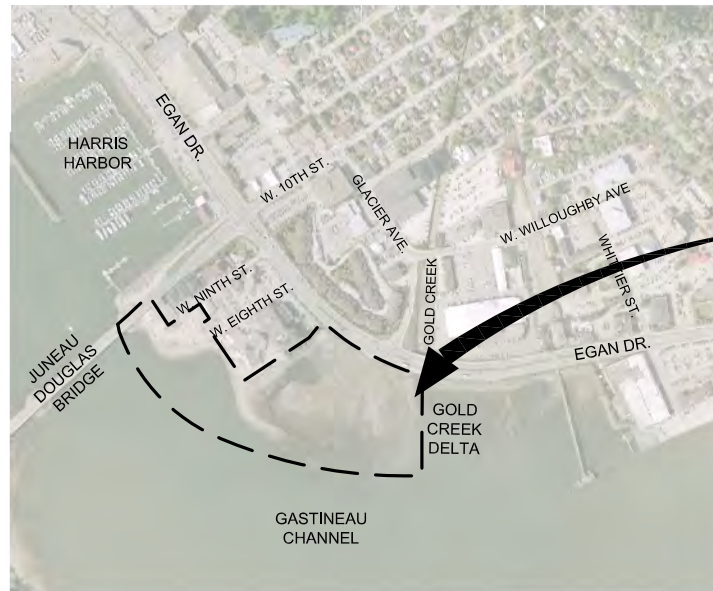
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LAT.: 47° 30' 04.65" N **LONG.:** 122° 17' 19.69" W
SHEET 2 OF 15 **DATE:** 03/13/14



PROJECT LOCATION

SCALE: N.T.S.

LOCATION MAP



PROJECT LOCATION

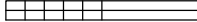
SCALE: N.T.S.

VICINITY MAP

LOCATION AND VICINITY MAP

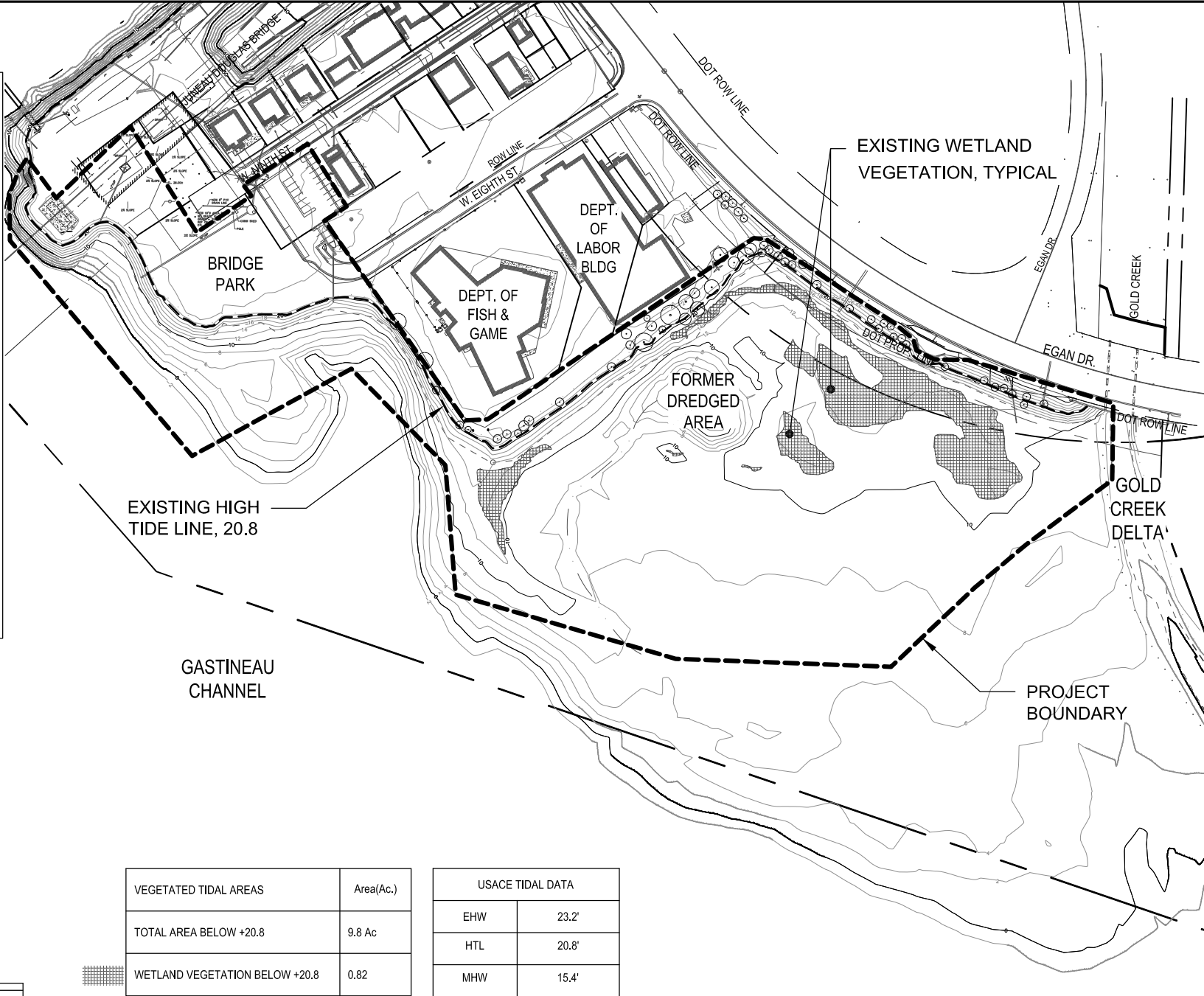


SCALE: 1"=100'



DATUM: MLLW

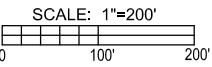
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VEGETATED TIDAL AREAS	Area(Ac.)
TOTAL AREA BELOW +20.8	9.8 Ac
WETLAND VEGETATION BELOW +20.8	0.82

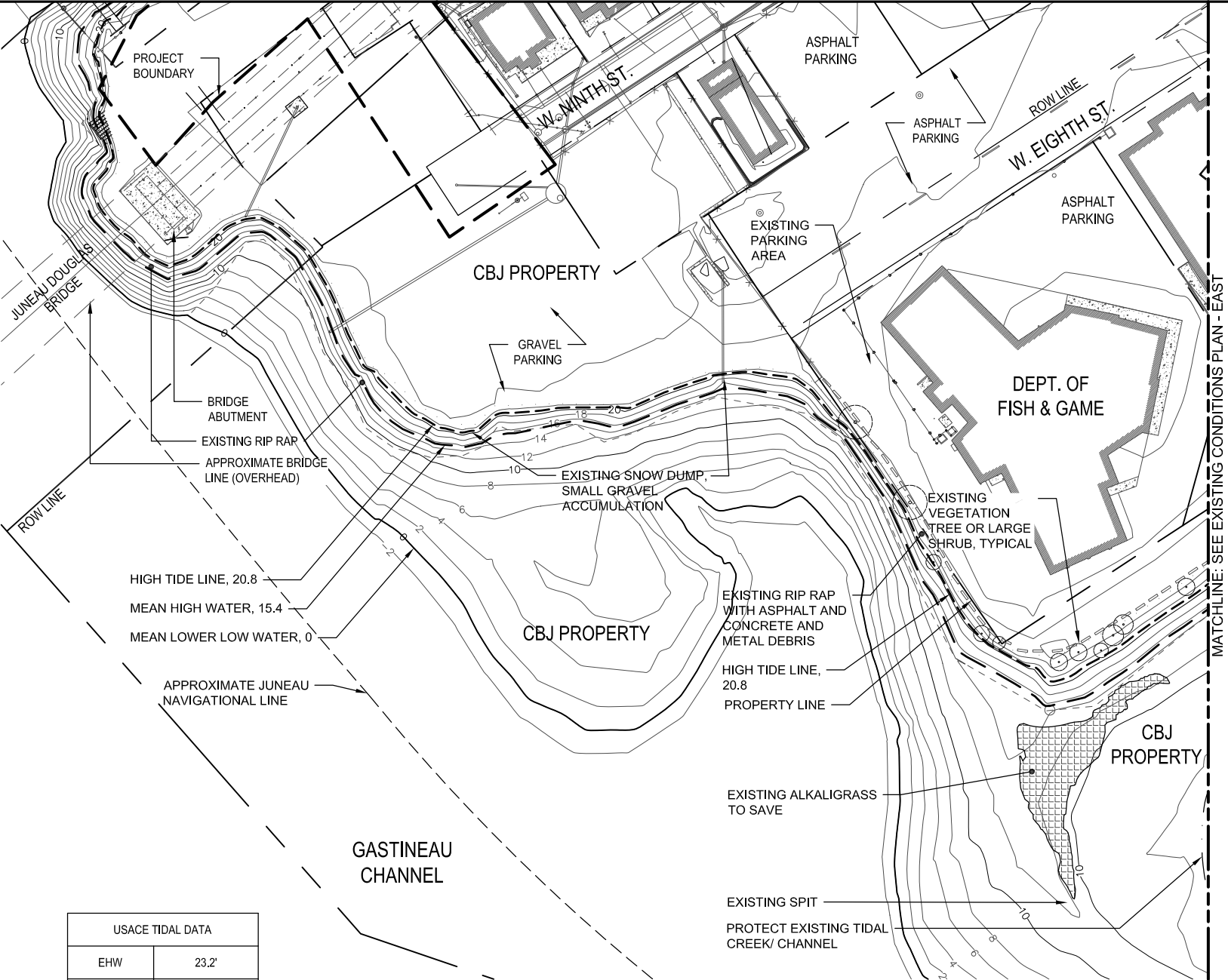
USACE TIDAL DATA	
EHW	23.2'
HTL	20.8'
MHW	15.4'
MLLW	0.00'

BY: BOSWORTH BOTANICAL CONSULTING
WETLAND JURISDICTIONAL DETERMINATION MAP



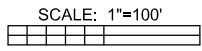
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HIGH TIDE LINE, 20.8
 MEAN HIGH WATER, 15.4
 MEAN LOWER LOW WATER, 0

APPROXIMATE JUNEAU NAVIGATIONAL LINE

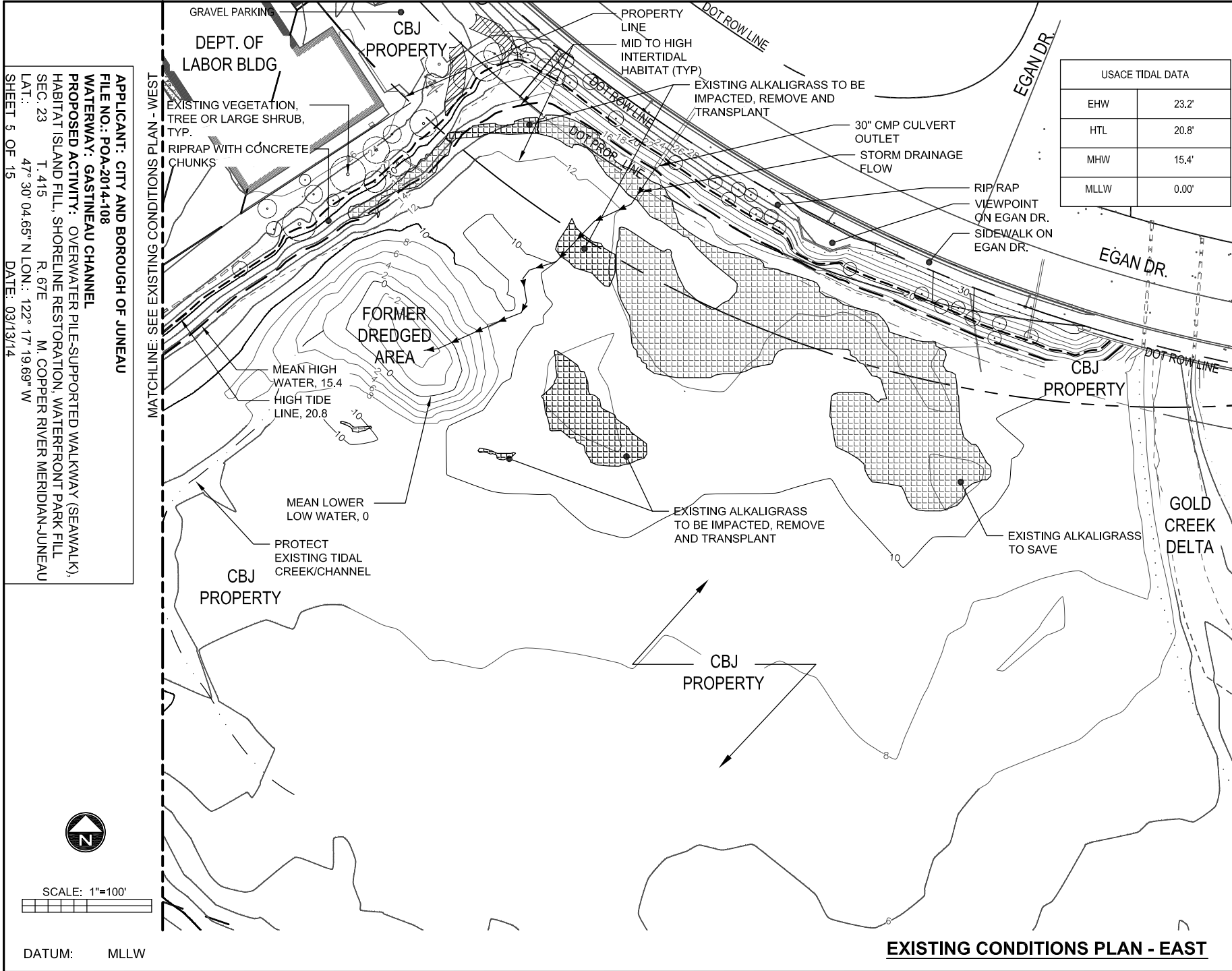


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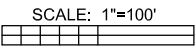
USACE TIDAL DATA	
EHW	23.2'
HTL	20.8'
MHW	15.4'
MLLW	0.00'

MATCHLINE: SEE EXISTING CONDITIONS PLAN - EAST

EXISTING CONDITIONS PLAN - WEST

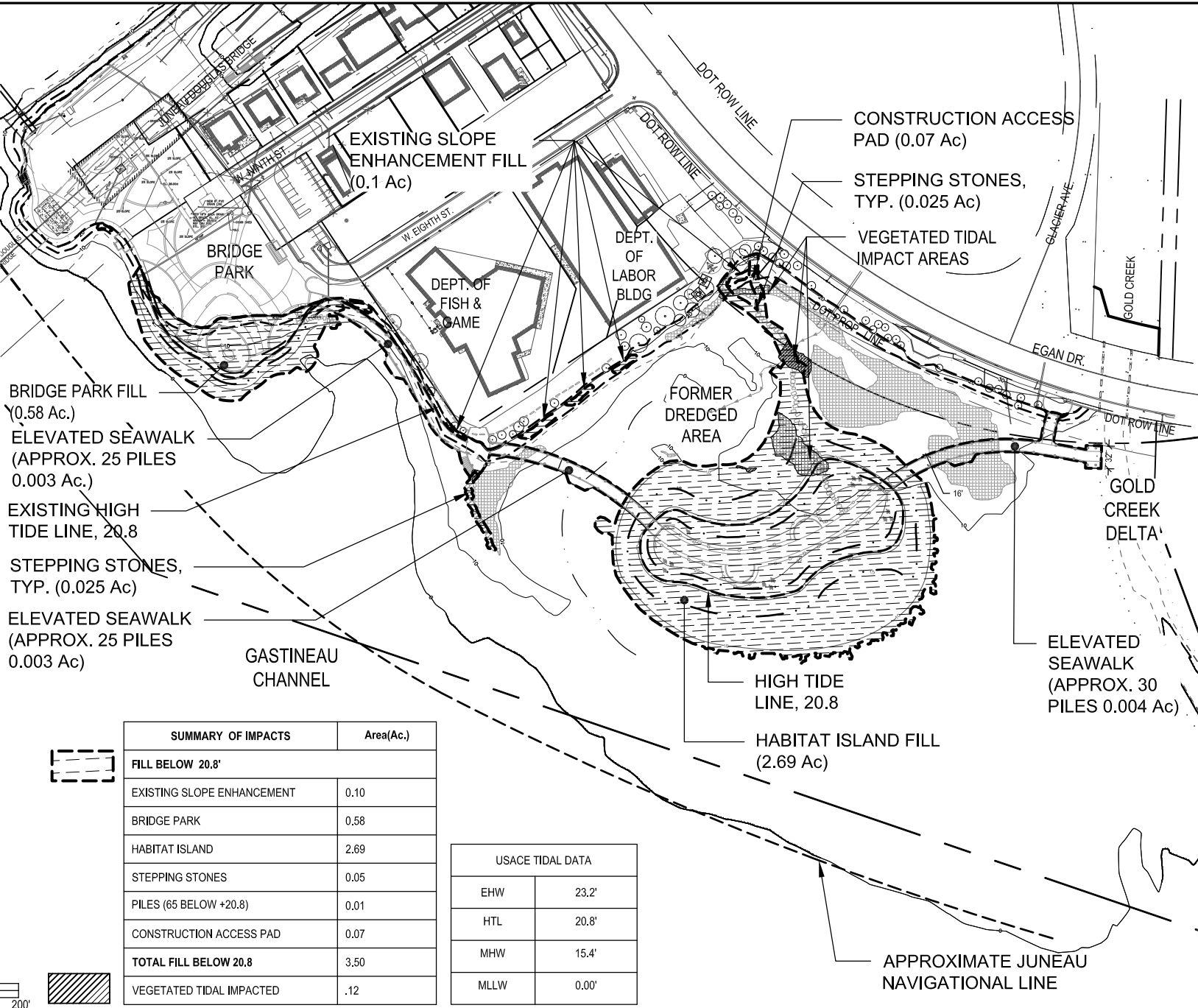


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DATUM: MLLW

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BRIDGE PARK FILL
 (0.58 Ac.)
 ELEVATED SEAWALK
 (APPROX. 25 PILES
 0.003 Ac.)
 EXISTING HIGH
 TIDE LINE, 20.8
 STEPPING STONES,
 TYP. (0.025 Ac)
 ELEVATED SEAWALK
 (APPROX. 25 PILES
 0.003 Ac)

GASTINEAU CHANNEL

HIGH TIDE LINE, 20.8

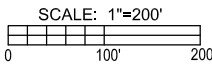
HABITAT ISLAND FILL (2.69 Ac)

ELEVATED SEAWALK (APPROX. 30 PILES 0.004 Ac)

APPROXIMATE JUNEAU NAVIGATIONAL LINE

SUMMARY OF IMPACTS	Area(Ac.)
FILL BELOW 20.8'	
EXISTING SLOPE ENHANCEMENT	0.10
BRIDGE PARK	0.58
HABITAT ISLAND	2.69
STEPPING STONES	0.05
PILES (65 BELOW +20.8)	0.01
CONSTRUCTION ACCESS PAD	0.07
TOTAL FILL BELOW 20.8	3.50
VEGETATED TIDAL IMPACTED	.12

USACE TIDAL DATA	
EHW	23.2'
HTL	20.8'
MHW	15.4'
MLLW	0.00'



DATUM: MLLW

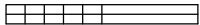
IMPACT AREAS MAP

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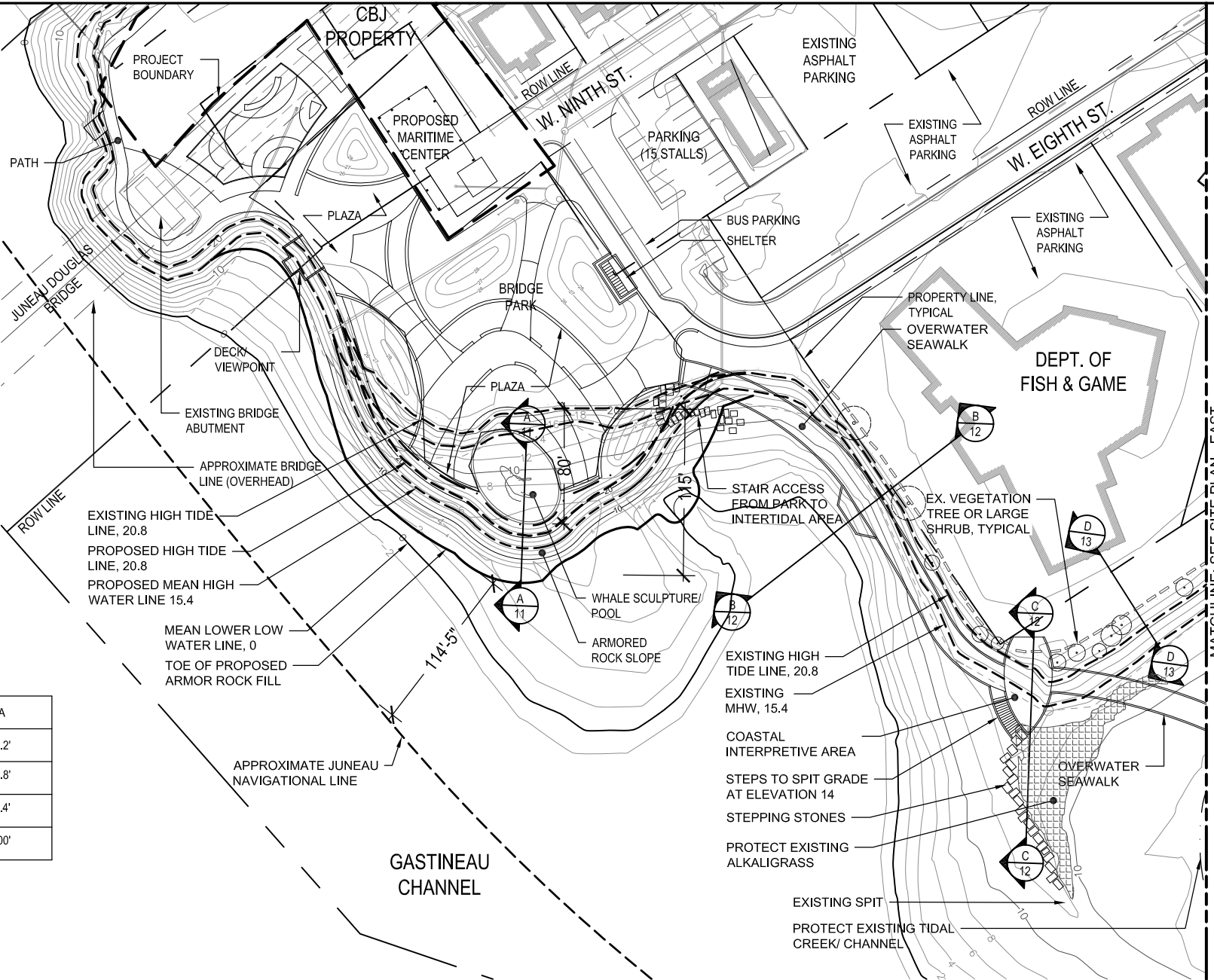
USACE TIDAL DATA	
EHW	23.2'
HTL	20.8'
MHW	15.4'
MLLW	0.00'



SCALE: 1"=100'



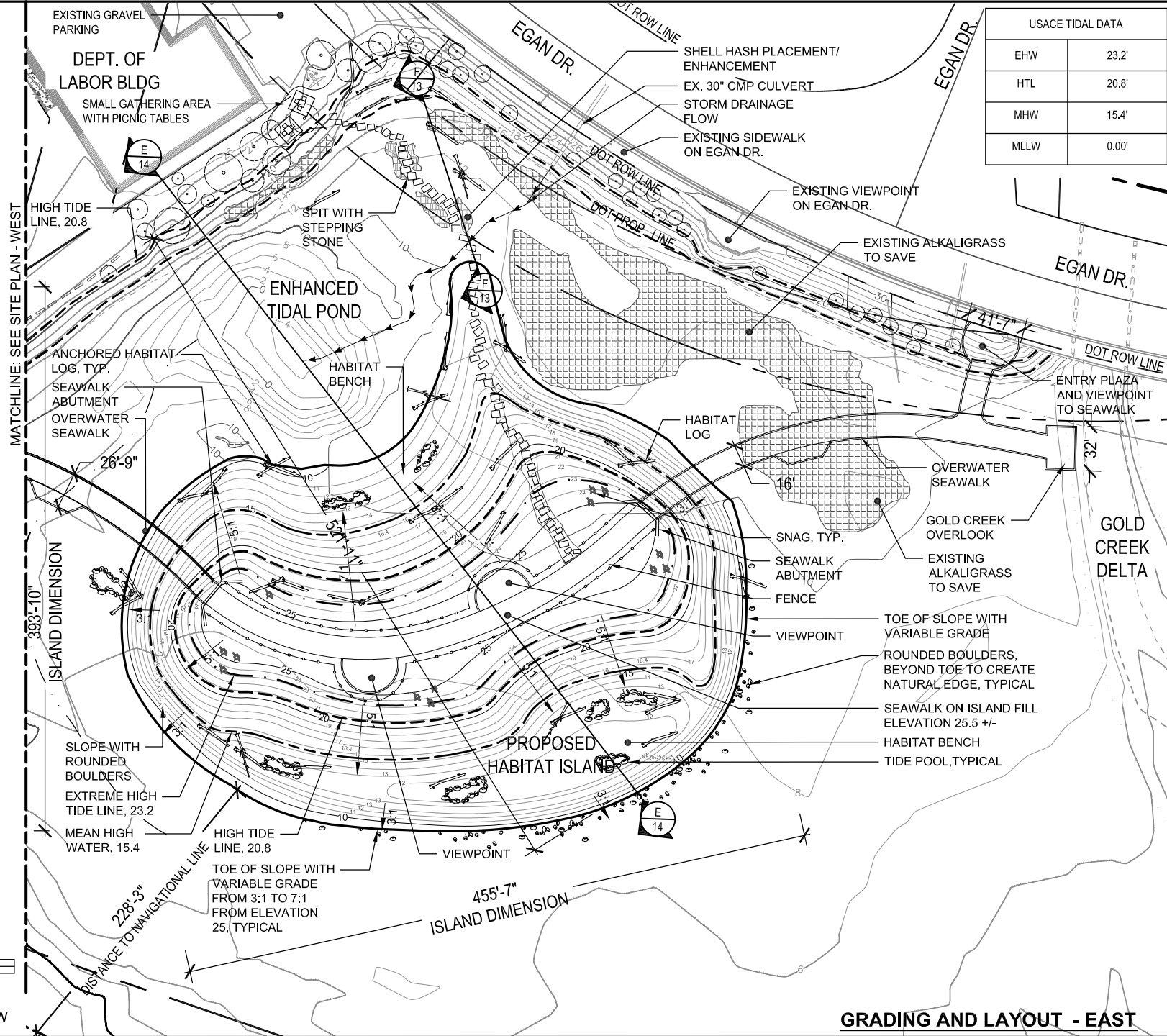
DATUM: MLLW



MATCHLINE: SEE SITE PLAN - EAST

GRADING AND LAYOUT - WEST

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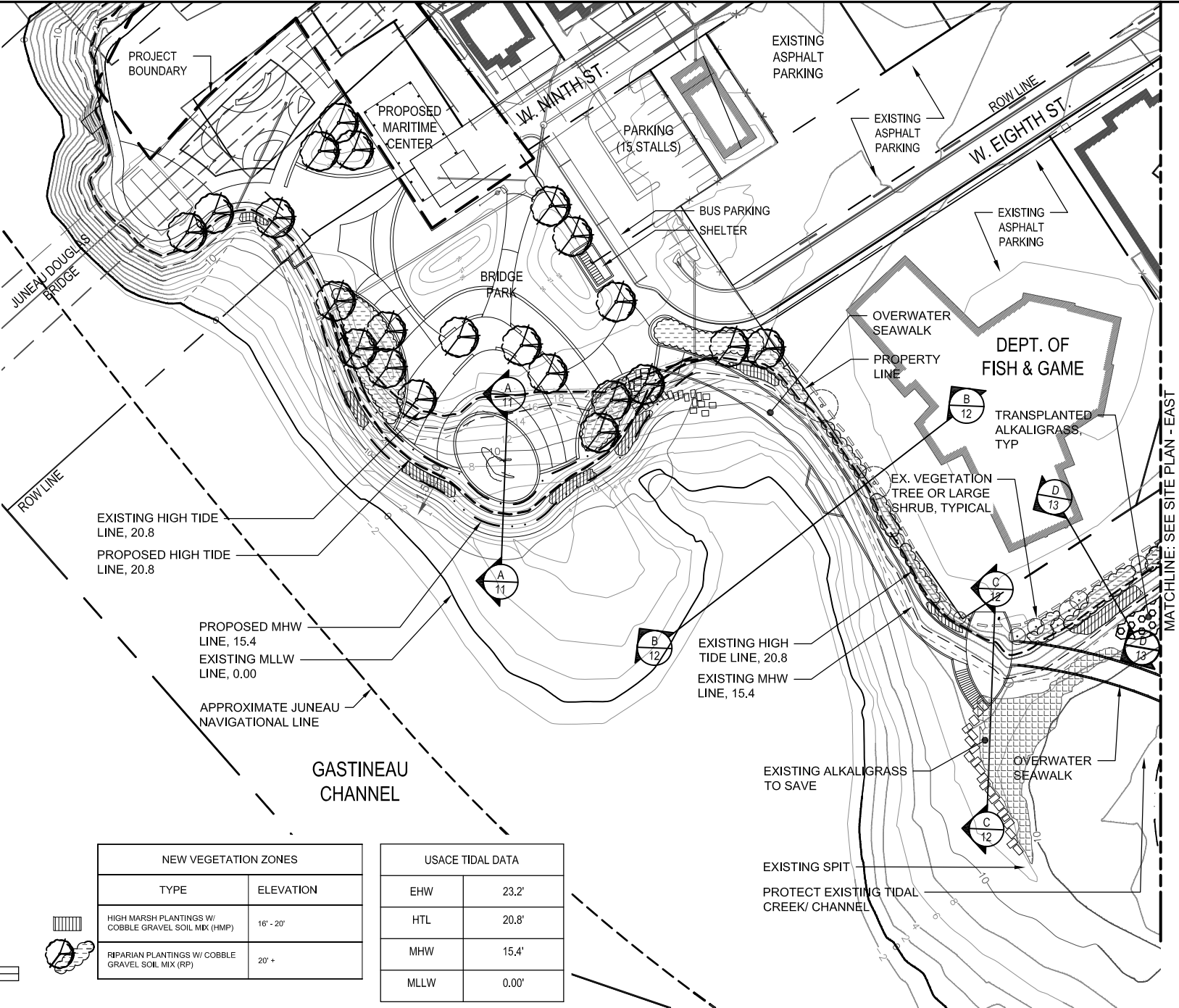


USACE TIDAL DATA	
EHW	23.2'
HTL	20.8'
MHW	15.4'
MLLW	0.00'

GRADING AND LAYOUT - EAST

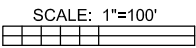
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NEW VEGETATION ZONES	
TYPE	ELEVATION
HIGH MARSH PLANTINGS W/ COBBLE GRAVEL SOIL MIX (HMP)	16' - 20'
RIPARIAN PLANTINGS W/ COBBLE GRAVEL SOIL MIX (RP)	20' +

USACE TIDAL DATA	
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MHW	15.4'
MLLW	0.00'

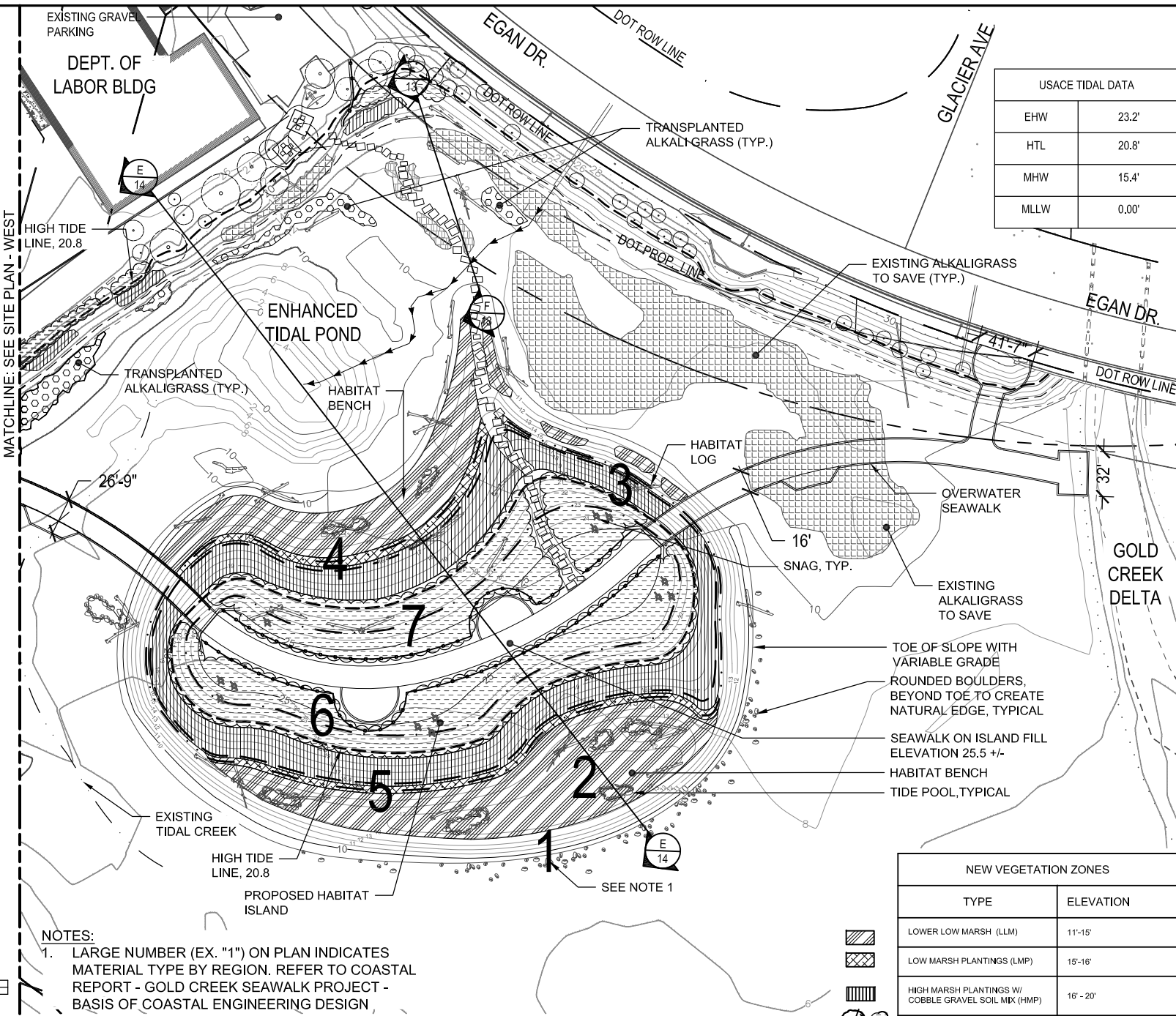


DATUM: MLLW

PLANTING PLAN - WEST

MATCHLINE: SEE SITE PLAN - EAST

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USACE TIDAL DATA	
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MLLW	0.00'

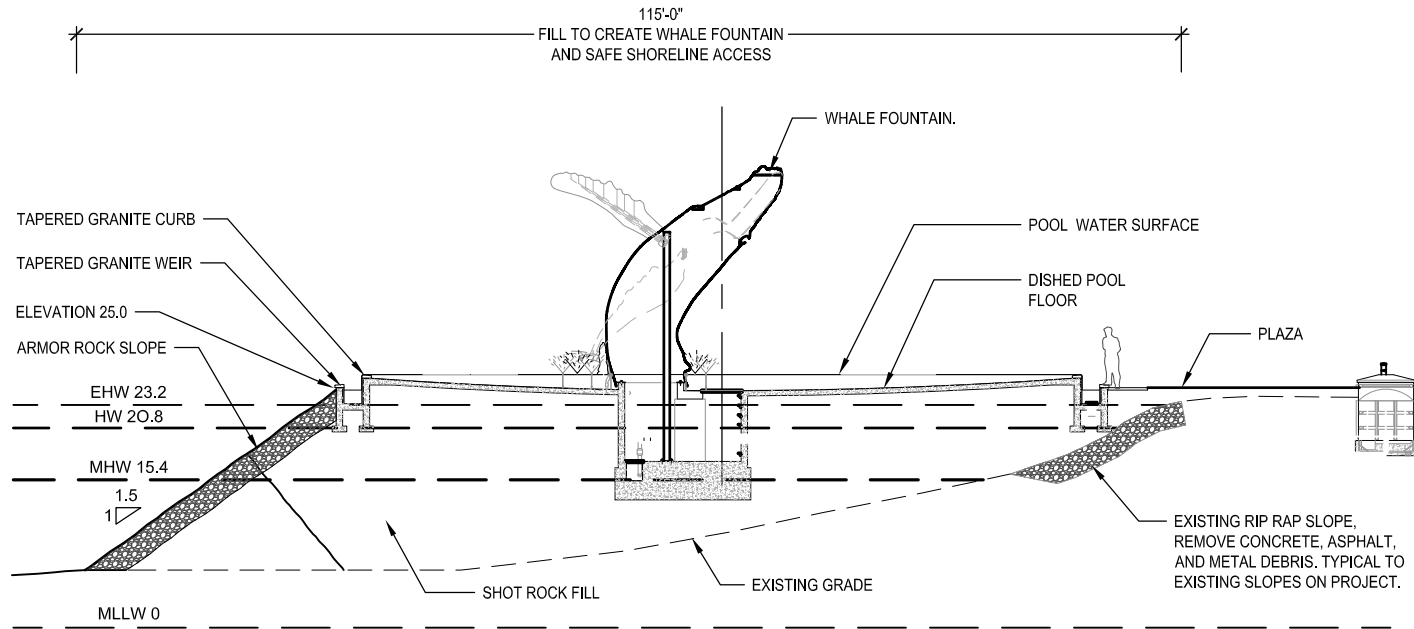
NEW VEGETATION ZONES	
TYPE	ELEVATION
	11'-15'
	15'-16'
	16' - 20'
	20' +

NOTES:
 1. LARGE NUMBER (EX. "1") ON PLAN INDICATES MATERIAL TYPE BY REGION. REFER TO COASTAL REPORT - GOLD CREEK SEAWALK PROJECT - BASIS OF COASTAL ENGINEERING DESIGN

PLANTING PLAN - EAST

DATUM: MLLW

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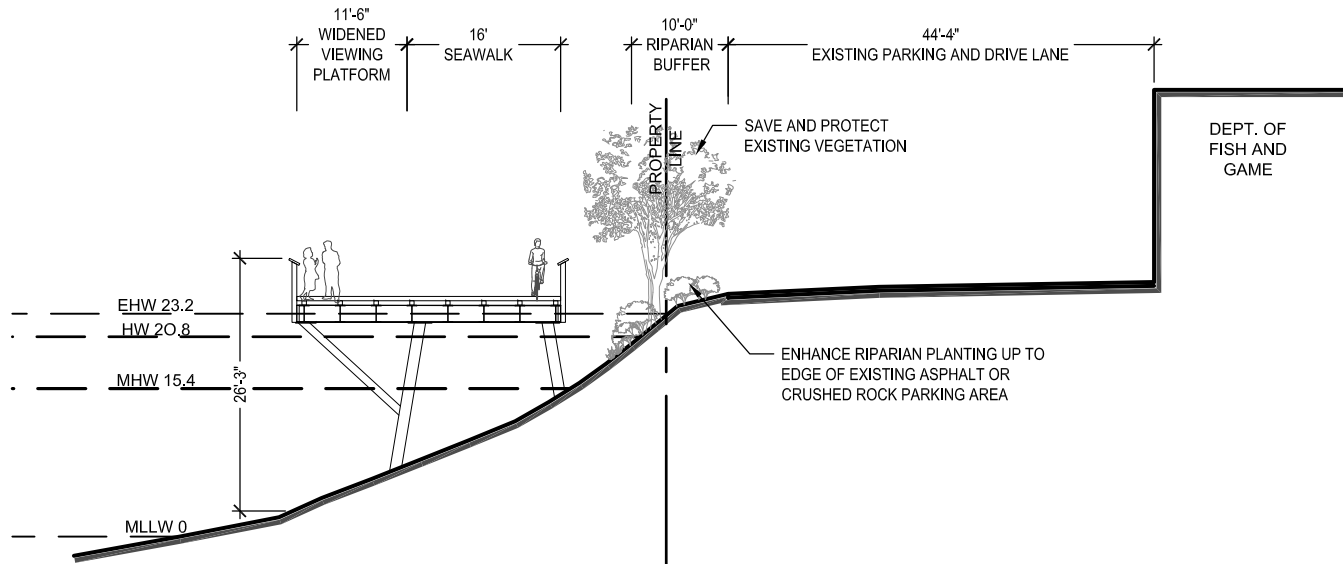


Section A - WHALE SCULPTURE AT BRIDGE PARK

SCALE: 1" = 20'-0"

A

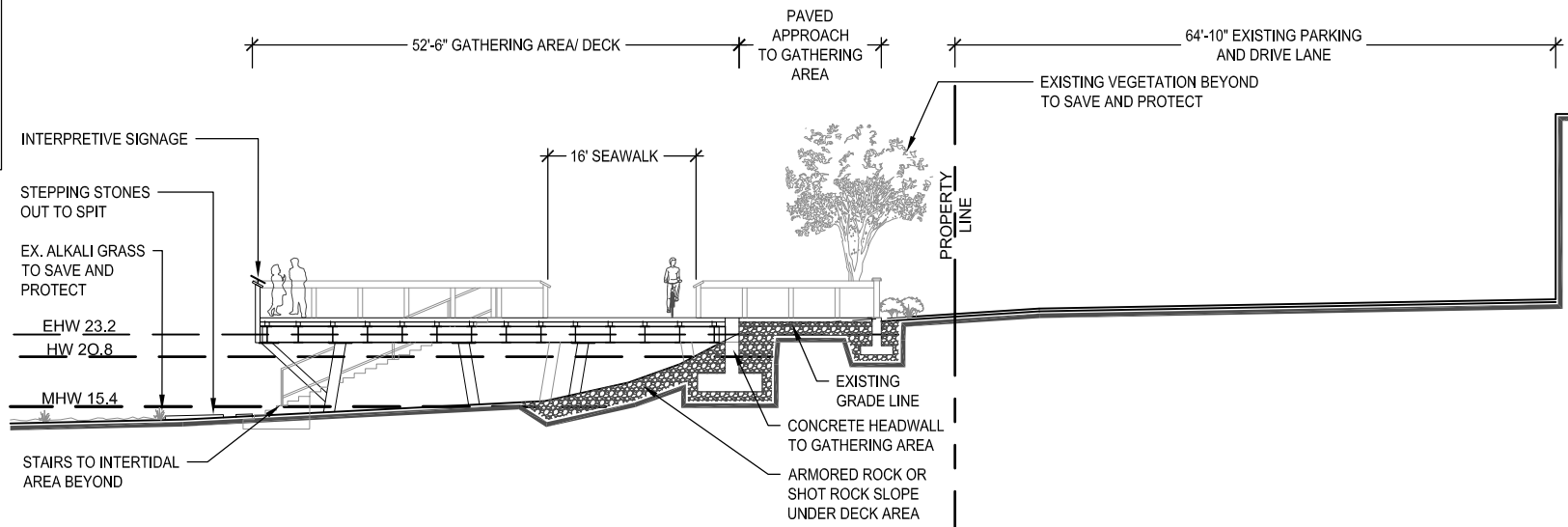
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Section B - SEAWALK SECTION AT DEPT. OF FISH AND GAME

SCALE: 1" = 20'-0"

B

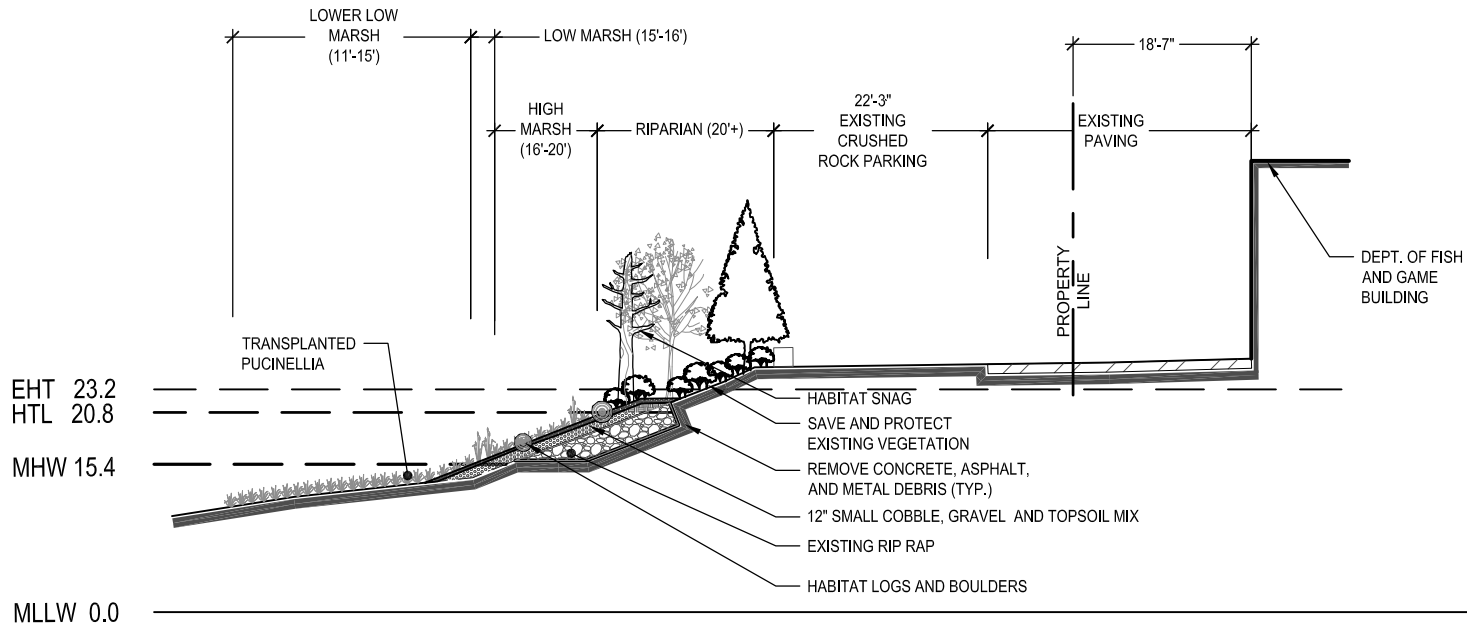


Section C - SECTION AT COASTAL INTERPRETIVE AREA

SCALE: 1" = 20'-0"

C

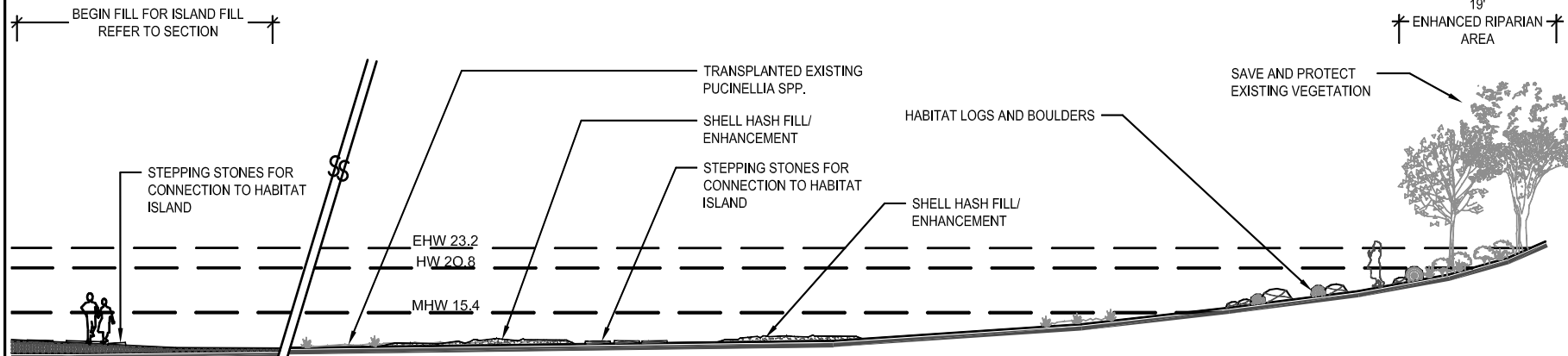
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Section D - RIPARIAN SECTION AT DEPT. OF FISH AND GAME

SCALE: 1" = 20'-0"

D

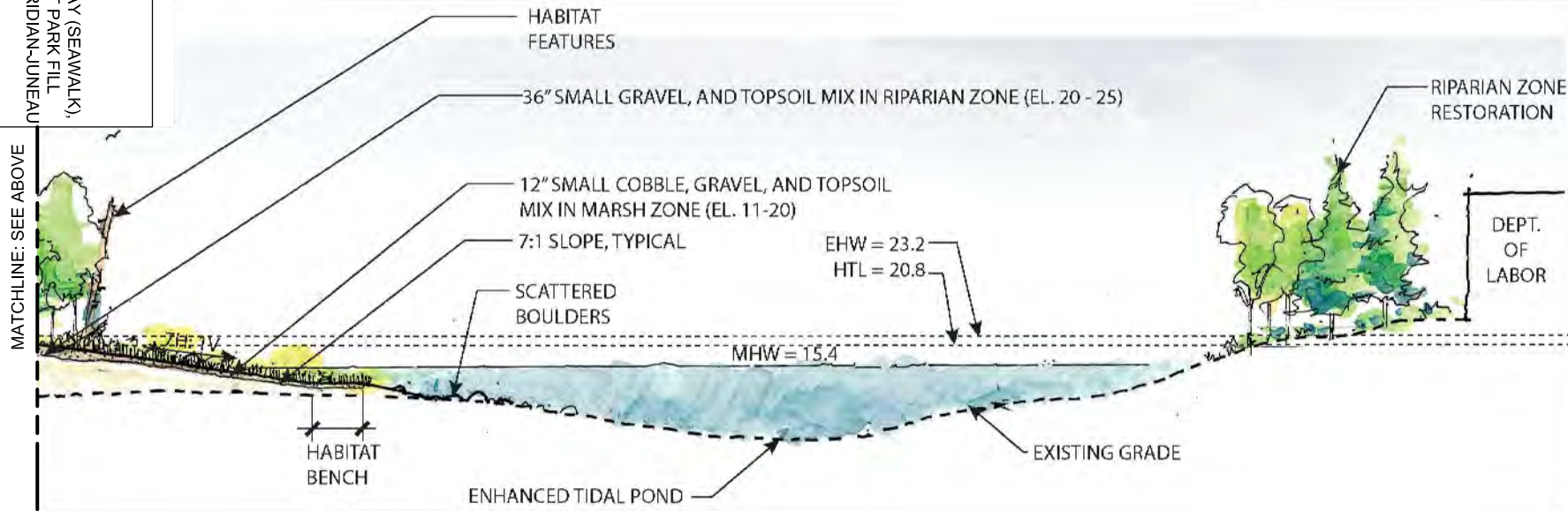
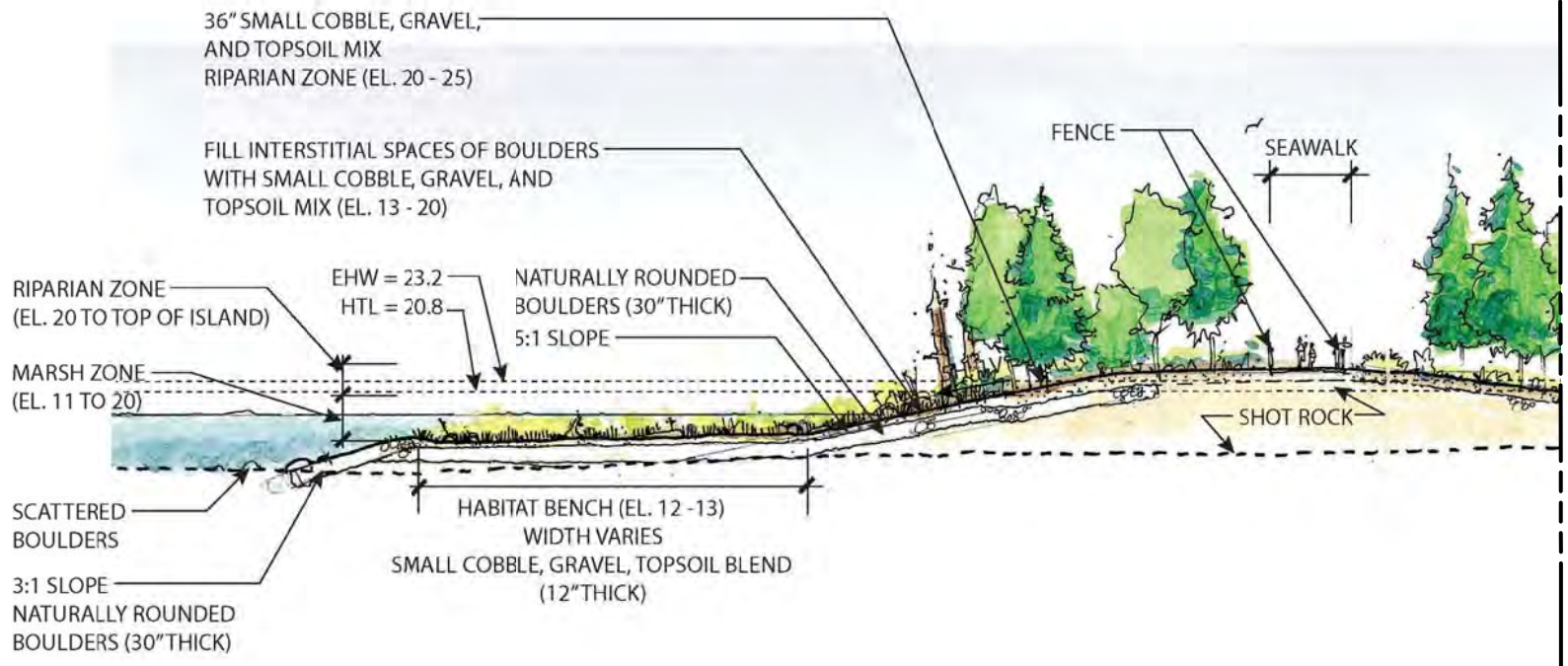


Section F - SECTION AT BEACH AND ISLAND

SCALE: 1" = 20'

F

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 SHEET 14 OF 15



Section E - SECTION AT ISLAND/ RIPARIAN ENHANCEMENT

SCALE: 1" = 40'

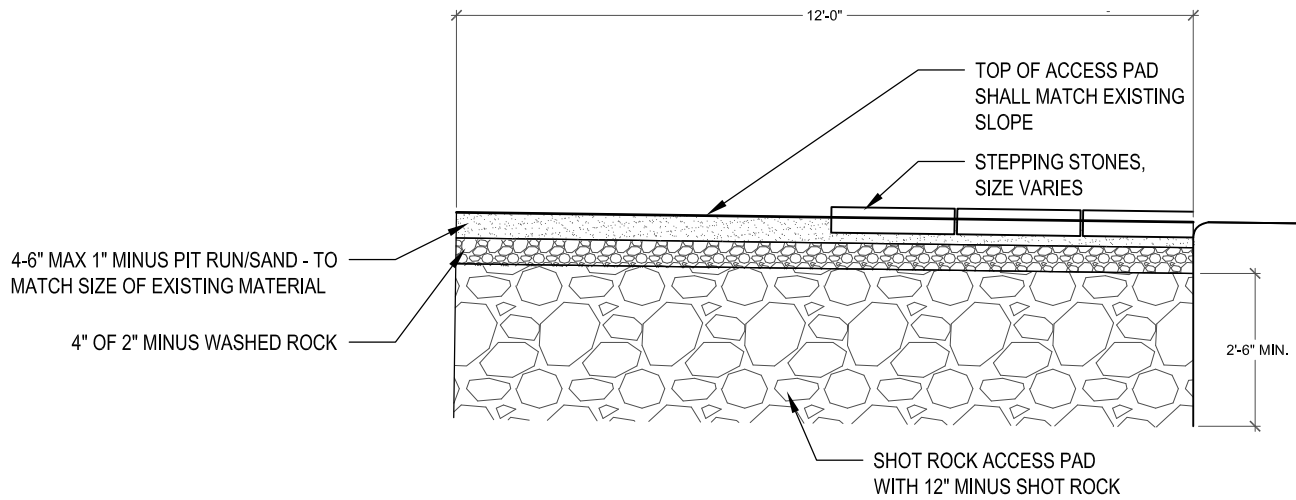
E

SITE SECTION E

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NOTES:

1. EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE TO AN APPROVED UPLAND SITE
2. SHOT ROCK SURFACE FOR CONSTRUCTION ACCESS, INSTALL FINAL SURFACE MATERIAL AT CONCLUSION OF CONSTRUCTION ACTIVITIES



Section G - CONSTRUCTION ACCESS PAD

SCALE: NOT TO SCALE

G