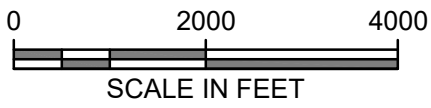
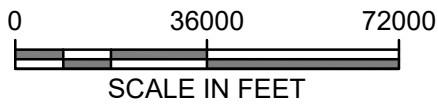
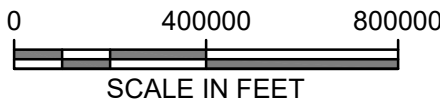


WEST BAY SANITARY DISTRICT ECOTONE LEVEE PROJECT

MENLO PARK
SAN MATEO COUNTY, CALIFORNIA
12/17/2021



ADDRESS:
1700 MARSH ROAD,
MENLO PARK, CA 94025
(055-400-010)

SHEET INDEX	
SHEET #	SHEET NAME
1	COVER SHEET
2	PROPOSED GROUND OVERVIEW
3	PLANTING OVERVIEW
4	SECTIONS (1)
5	SECTIONS (2)
6	SECTIONS (3)
7	SECTIONS (4)

DISTRICT'S PROJECT #1762.0

DATE:	12/17/2021	JYZ	10/15/2021	65% DESIGN	---
SCALE:	AS NOTED	JYZ	12/17/2021	65% DESIGN REVISION	
DESIGNED:	JYZ				
DRAWN:	JYZ				
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PROJ. ENGR:	BSS				
BY	DATE	DESCRIPTION OF REVISIONS			APP'D

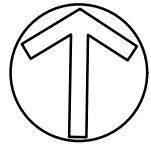
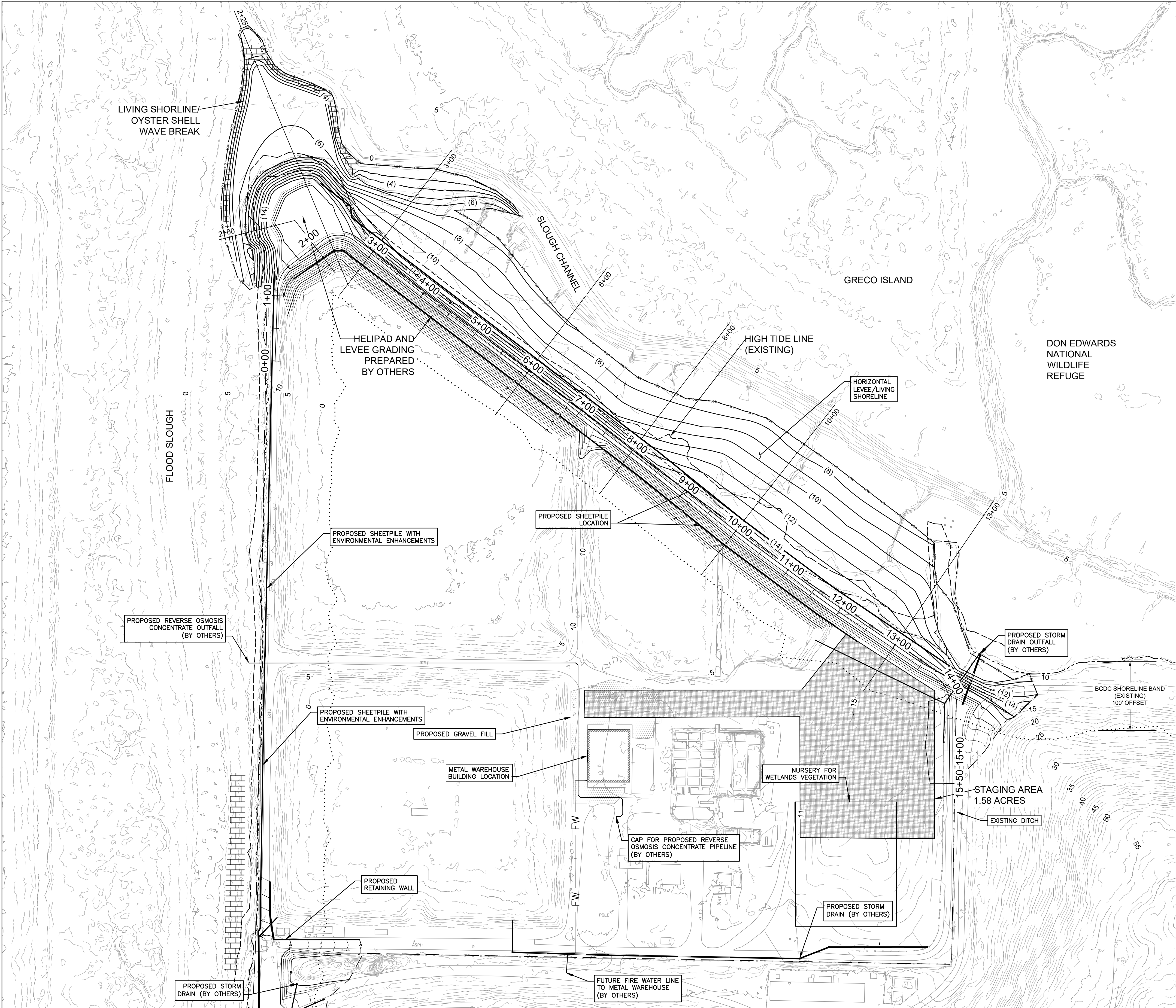
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WEST BAY
SANITARY DISTRICT
SAN MATEO COUNTY
PROJECT No. ----

**FLOW EQUALIZATION AND RESOURCE RECOVERY FACILITY LEVEE
IMPROVEMENTS AND BAYFRONT RECYCLED WATER FACILITY PROJECT
COVER SHEET**
MENLO PARK, CALIFORNIA

811
Know what's below.
Call before you dig.
SHEET
1
OF 7 SHEETS
JOB NO.
1079



PLAN LEGEND

100

100

5

(10)

6+00

SECTION LINE AND STATION

STAGING AREA

TIDAL DATUM					
FEET-NAVD88					
MLLW	MSL	MHW	MHHW	MSL+5' (BCDC BAY SHORELINE)	HTL (SECTION 401/404)
-1.18	3.35	6.51	7.12	8.35'	AS SHOWN ON PLAN / FIELD VERIFIED (APPROX. 10.25')

APPROXIMATE FILL VOLUME		
CUBIC YARDS		
BCDC BAY JURISDICTION (BELOW MSL +5')	BCDC SHORELINE BAND JURISDICTION (100' OFFSET)	CORPS SECTION 404 / RWQCB SECTION 401 JURISDICTION (BELOW HTL)
16,136	11,831	11,836

- NOTE:
- SOIL SPECIFICATIONS FOR ALL IMPORTED FILL MATERIAL FOR THE ECOTONE LEVEE, INCLUDING STRUCTURAL FILL, BAY MUD TOPSOIL, AND UPLAND TOPSOIL, WILL BE SUBMITTED TO THE WATER BOARD FOR APPROVAL PRIOR TO CONSTRUCTION.
 - INSTALL OYSTER BED WAVE BREAK IN BETWEEN MLLW AND MSL (-1.18 TO 3.35 FEET-NAVD 88) TO INSURE OYSTER GROWTH.

SCALE (34"x22"): 1" = 80'
SCALE (17"x11"): 1" = 160'

0 80 160
SCALE IN FEET

DATE:	12/17/2021	JYZ	10/15/2021	65% DESIGN	---
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WEST BAY

SANITARY DISTRICT

SAN MATEO COUNTY

PROJECT No. ----

FLOW EQUALIZATION AND RESOURCE RECOVERY FACILITY LEVEE IMPROVEMENTS AND BAYFRONT RECYCLED WATER FACILITY PROJECT

PROPOSED GROUND OVERVIEW

MENLO PARK, CALIFORNIA

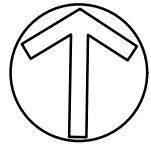
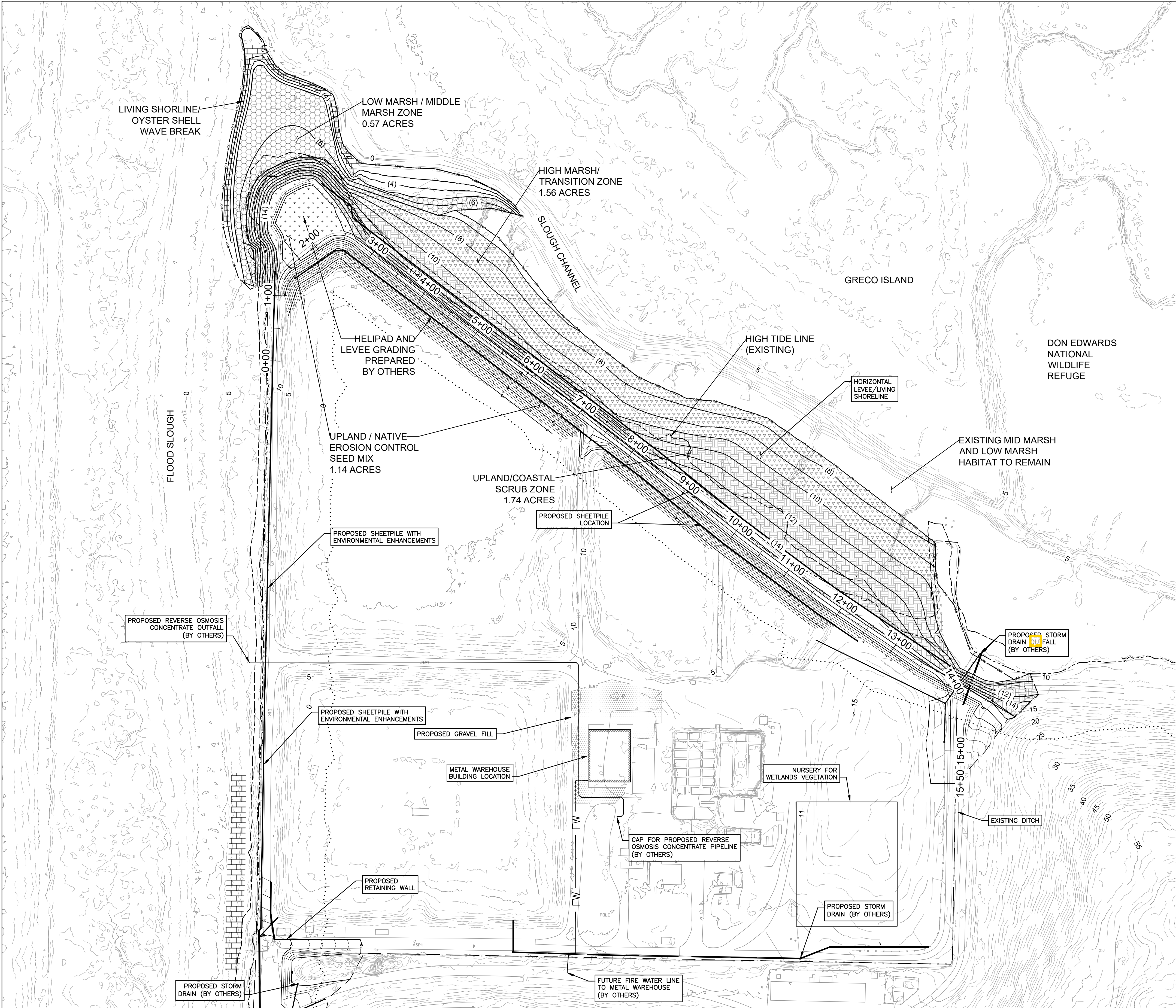
SHEET

2

OF 7 SHEETS

JOB NO.

1079



PLAN LEGEND

---	LIMIT OF DISTURBANCE
---	LIMIT OF GRADING DESIGNED BY SWCA
---	PROPOSED SHEETPILE LOCATION
---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	EXISTING HIGH TIDE LINE (HTL)
---	EXISTING BCDC BAY SHORELINE (MSL + 5')
---	EXISTING BCDC SHORELINE BAND (100' OFFSET FROM MSL + 5')
---	LIVING SHORLINE OYSTER BED WAVE BREAK

Low Marsh / Middle Marsh Plant Palette			5.0' - 7.0' NAVD 88
Symbol	Latin Name	Common Name	Elevation Range
	<i>Salicornia virginica</i>	Pickleweed	5.0 - 7.0
	<i>Spartina foliosa</i>	Cordgrass	5.0 - 6.0

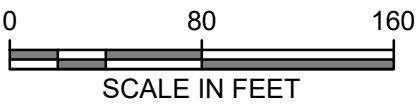
High Marsh / Transition Zone Plant Palette			7.0' - 10.0' NAVD 88
Symbol	Latin Name	Common Name	Elevation Range
	<i>Atriplex lentiformis</i>	big saltbush	7.5 - 8.0
	<i>Distichlis spicata</i>	Saltgrass	7.0 - 10.0
	<i>Frankenia salina</i>	Alkali Heath	7.0 - 10.0
	<i>Grindelia stricta</i>	Marsh Gumplant	7.0 - 10.0
	<i>Jaumea carnosa</i>	Marsh Jaumea	7.0 - 7.5
	<i>Limonium californicum</i>	Marsh Rosemary	7.0 - 7.5
	<i>Spartina alterniflora</i>	Cordgrass	7.0-7.6
	<i>Salicornia virginica</i>	Pickleweed	7.0 - 8.5
	<i>Suaeda californica</i>	California seablite	7.0 - 8.5

Upland / Coastal Scrub Plant Palette			10.0' - 15.0' NAVD 88
Symbol	Latin Name	Common Name	Elevation Range
	<i>Artemisia californica</i>	California sagebrush	10.0 - 15.0
	<i>Baccharis pilularis</i> var. <i>consanguinea</i>	coyote bush	10.0 - 15.0
	<i>Eriogonum nudum</i>	buckwheat	10.0 - 15.0
	<i>Heliotropium curassavicum</i>	Wild heliotrope	10.0 - 15.0
	<i>Lupinus albus</i>	silver bush lupine	10.0 - 15.0
	<i>Amsinckia menziesii</i> (A. m. var. <i>intermedia</i>)	Menzies' Fiddleneck	10.0 - 15.0
	<i>Mimulus aurantiacus</i>	sticky monkey flower	10.0 - 15.0
	<i>Ribes Sanguineum</i>	red flowering currant	10.0 - 15.0

Upland / Native Erosion Control Seed Mix			
Symbol	Latin Name	Common Name	Lbs Pure Live Seed / Acre
	<i>Achillea millefolium</i>	Common yarrow	1
	<i>Bromus carinatus</i>	California Brome	10
	<i>Elymus glaucus</i>	Blue Wildrye	8
	<i>Eschscholzia californica</i>	California poppy	1.5
	<i>Hordeum californicum</i>	California Barley	8
	<i>Leymus triticoides</i>	Creeping Wildrye	5
	<i>Lupinus nanus</i>	Sky lupine	4
	<i>Sisyrinchium bellum</i>	Western blue eyed grass	3
	<i>Vulpia microstachys</i>	Three Weeks Fescue	6
	Total		46.5

NOTE:
1. NATIVE EROSION CONTROL SEED MIX IS TO BE APPLIED ABOVE 10.0' NAVD 88 ON THE ECOTONE LEVEE (INCLUDING THE COASTAL SCRUB PLANTING AREA), THE TOP OF THE LEVEE AND HELIPAD, AND DOWN TO THE LIMIT OF GRADE ON THE INTERIOR SIDE OF THE LEVEE.
2. EXISTING NATIVE MARSH VEGETATION BETWEEN THE LIMIT OF GRADING AND THE LIMIT OF DISTURBANCE SHOWN ON THE PLAN WILL BE SALVAGED, MAINTAINED IN THE ON-SITE NURSERY, AND REPLACED AFTER COMPLETION OF GRADING ACTIVITIES UNDER THE DIRECTION OF THE RESTORATION ECOLOGIST.

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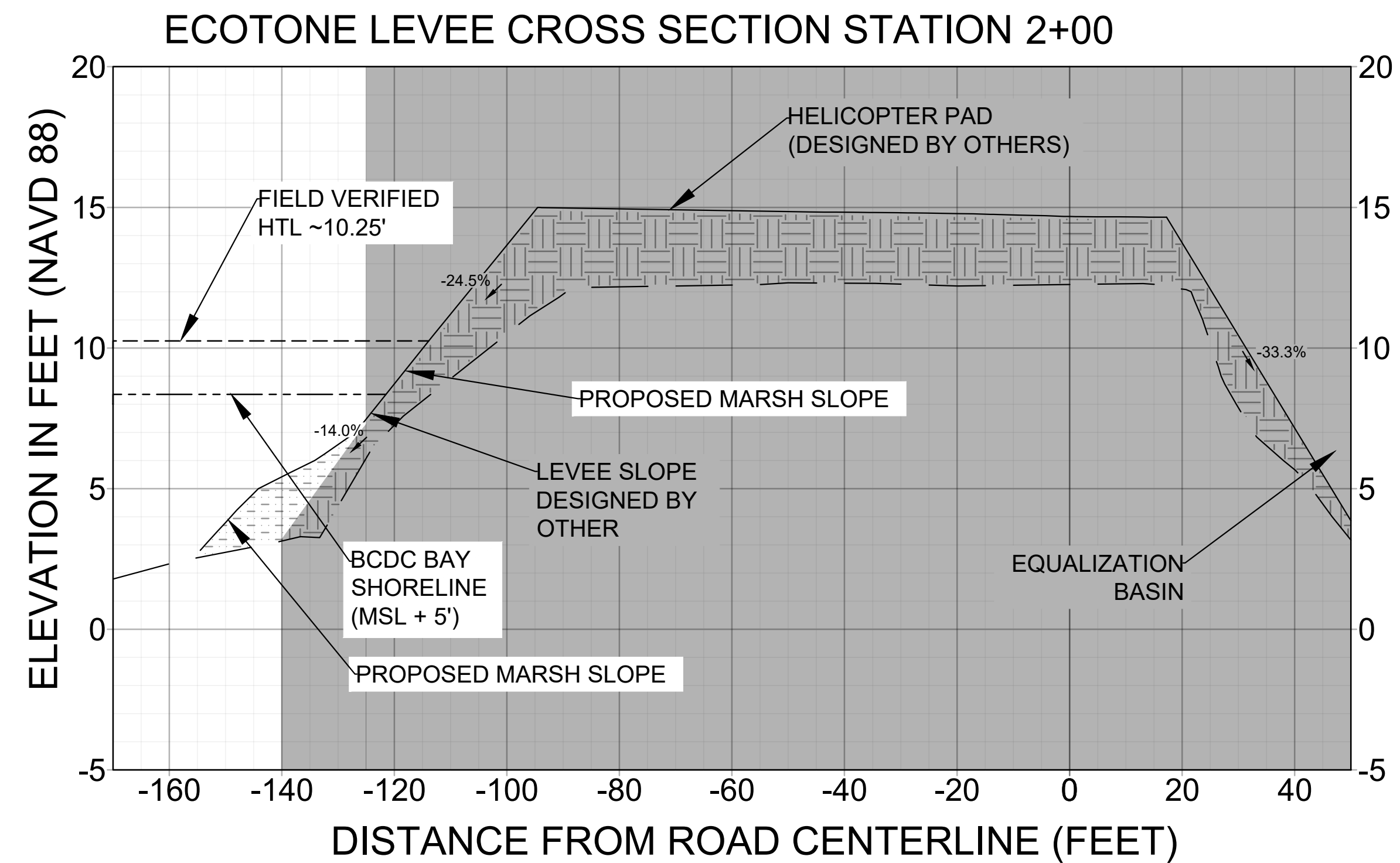
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WEST BAY
SANITARY DISTRICT
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FLOW EQUALIZATION AND RESOURCE RECOVERY FACILITY LEVEE IMPROVEMENTS AND BAYFRONT RECYCLED WATER FACILITY PROJECT
PLANTING OVERVIEW
MENLO PARK, CALIFORNIA

SHEET
3
OF 7 SHEETS
JOB NO.
1079



SECTION LEGEND

———— DESIGN SURFACE

— — EXISTING GROUND

----- FIELD VERIFIED HTL ~10.25'

— -- — BCDC BAY SHORELINE (MSL + 5')

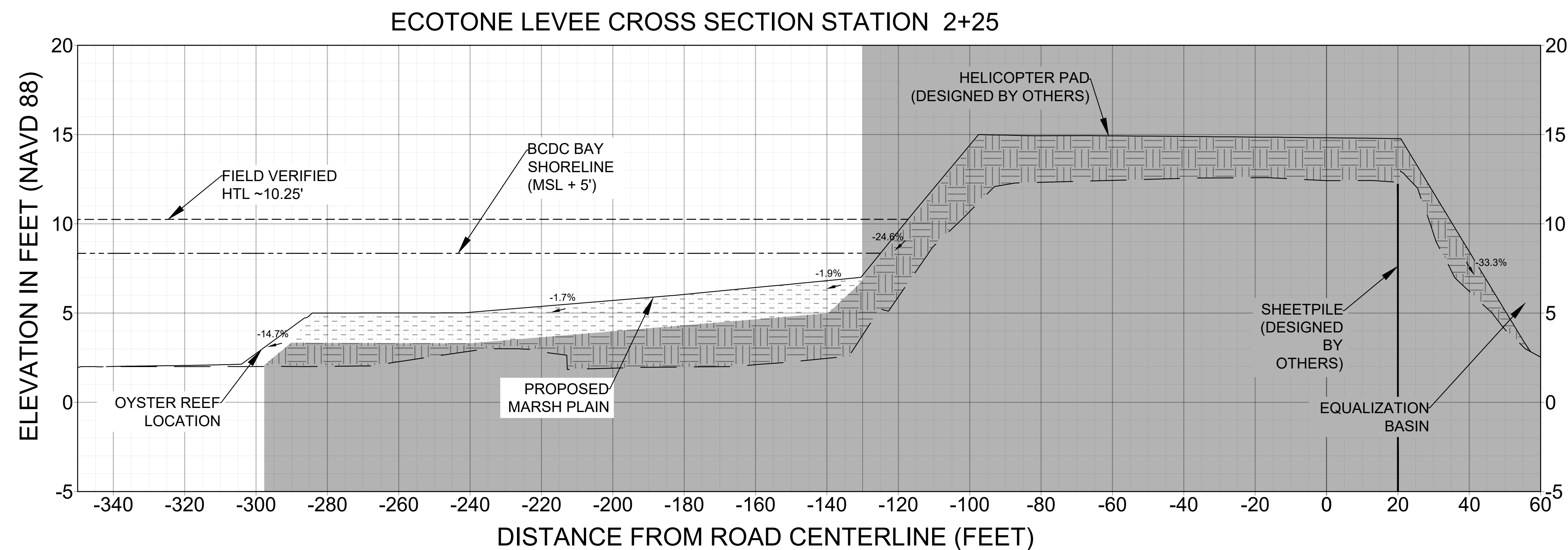
1 2 SHEETPILE LOCATION

VERTICAL EXAGGERATION 5:1

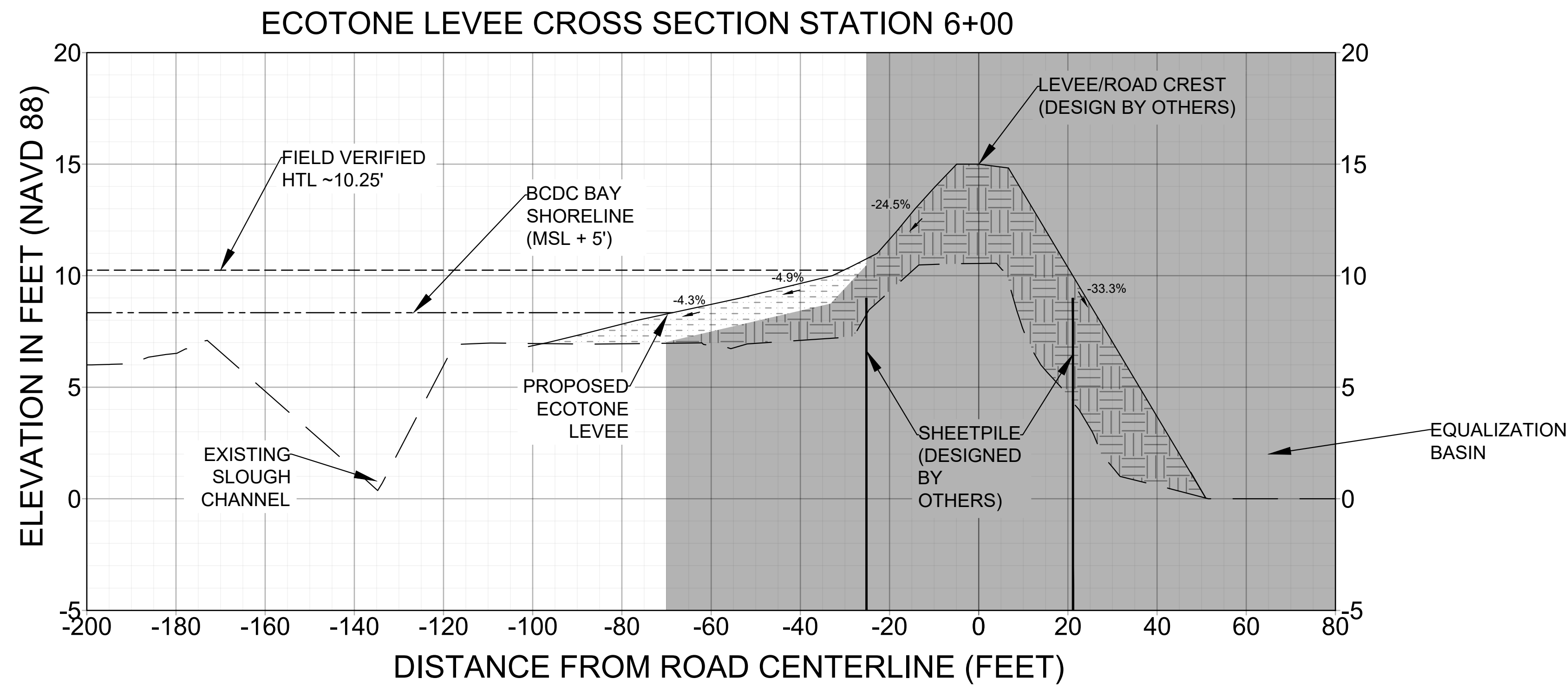
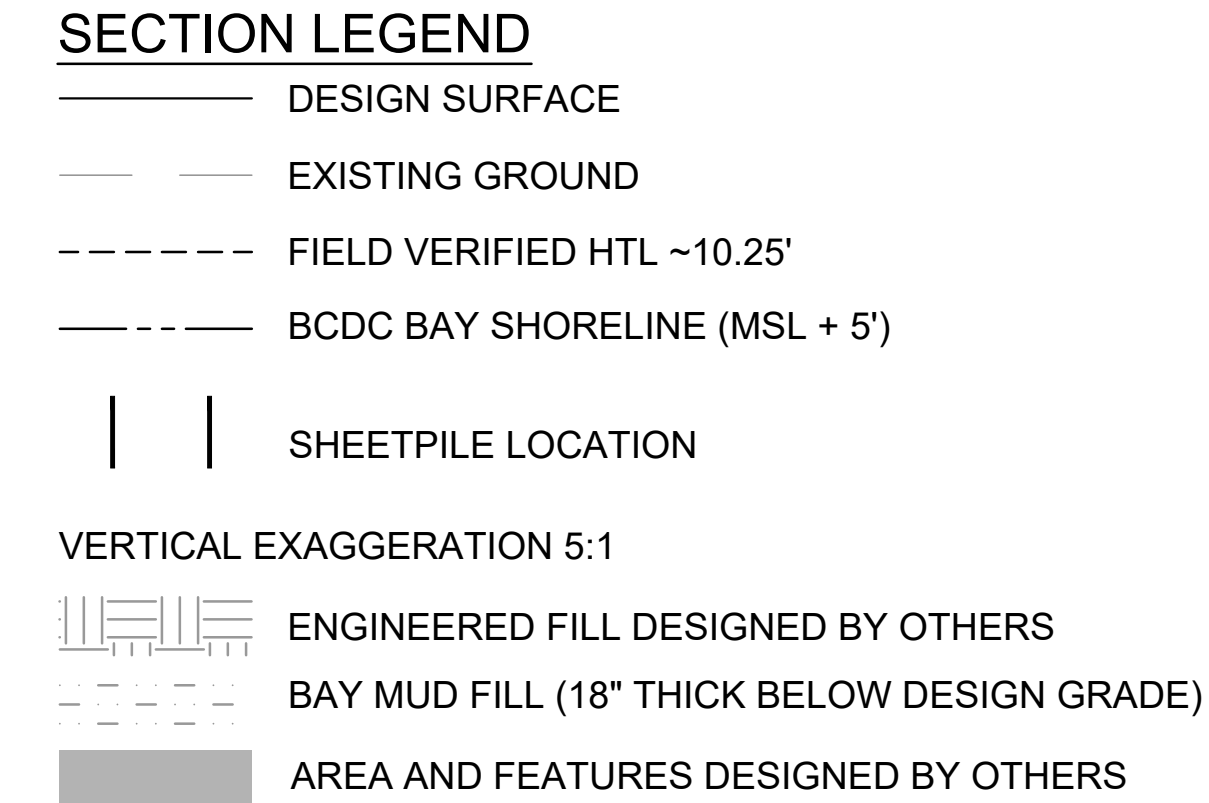
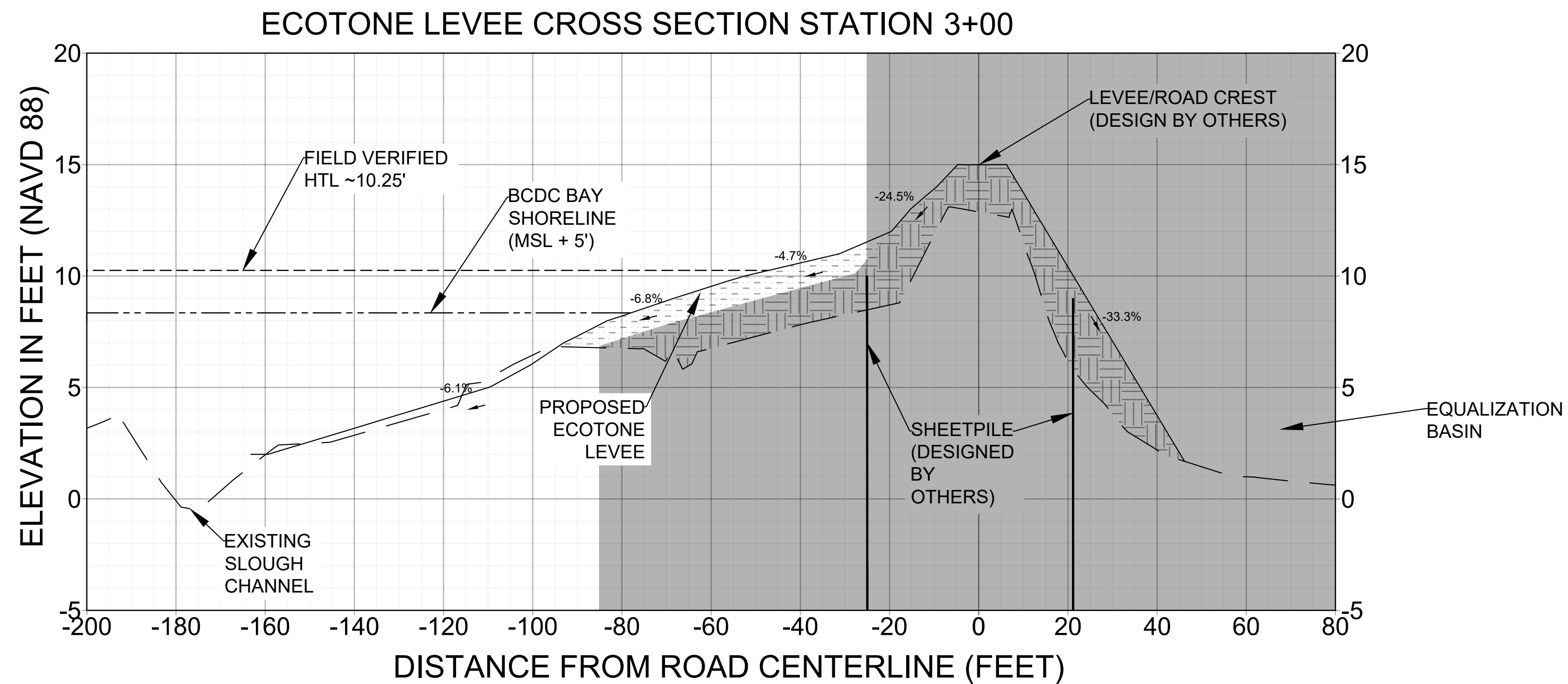
ENGINEERED FILL DESIGNED BY OTHERS

— — — — — BAY MUD FILL (18" THICK BELOW DESIGN GRADE)

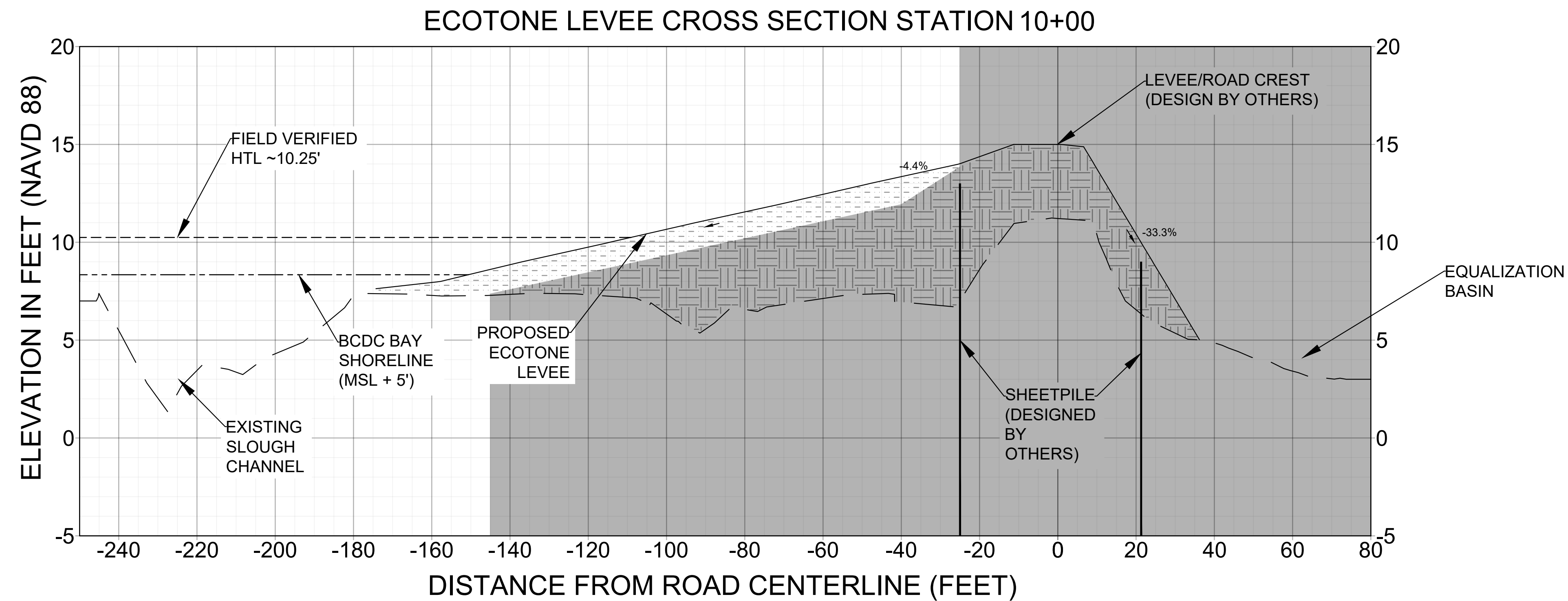
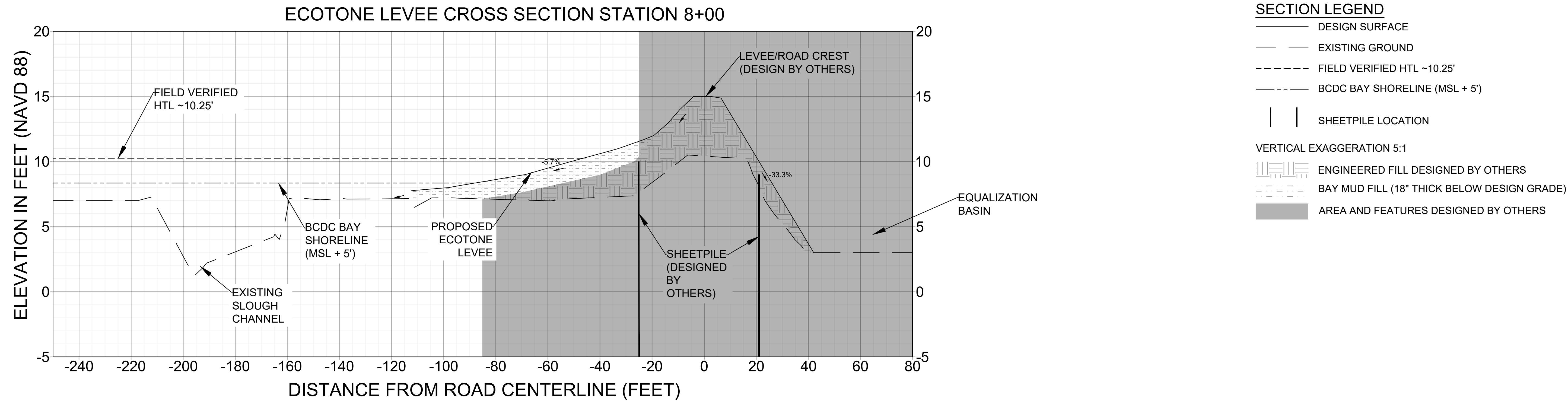
AREA AND FEATURES DESIGNED BY OTHERS



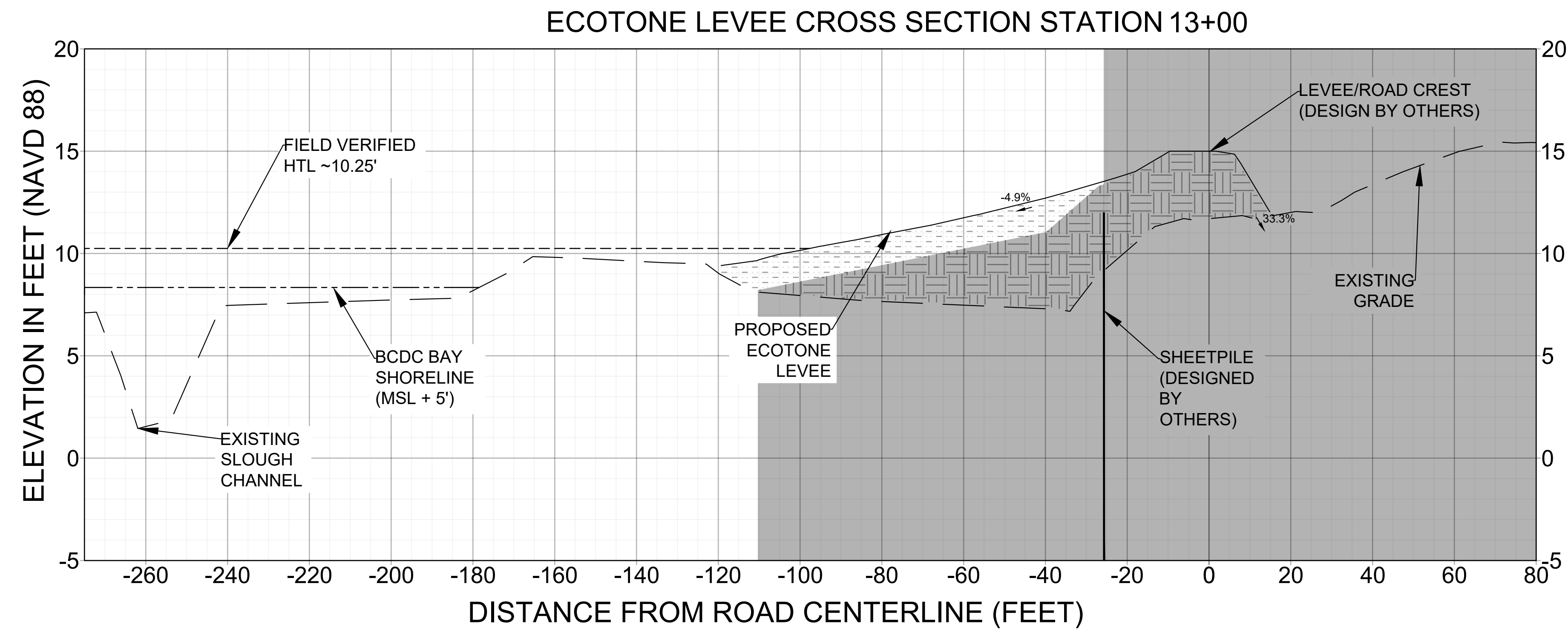
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SCALE:	NOT TO SCALE	JYZ	12/17/2021	65% DESIGN REVISION						
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PROJ. ENGR: BSS									
	BY	DATE	DESCRIPTION OF REVISIONS		APP'D				



SECTION LEGEND

- DESIGN SURFACE
- EXISTING GROUND
- FIELD VERIFIED HTL ~10.25'
- BCDC BAY SHORELINE (MSL + 5')
- SHEETPILE LOCATION

VERTICAL EXAGGERATION 5:1

- ENGINEERED FILL DESIGNED BY OTHERS
- BAY MUD FILL (18" THICK BELOW DESIGN GRADE)
- AREA AND FEATURES DESIGNED BY OTHERS

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SCALE: NOT TO SCALE	JYZ	12/17/2021	65% DESIGN REVISION						7
DESIGNED: JYZ									OF 7 SHEETS
DRAWN: JYZ									JOB NO.
CHECKED: ---									1079
PROJ. ENGR: BSS									
	BY	DATE	DESCRIPTION OF REVISIONS	APP'D					