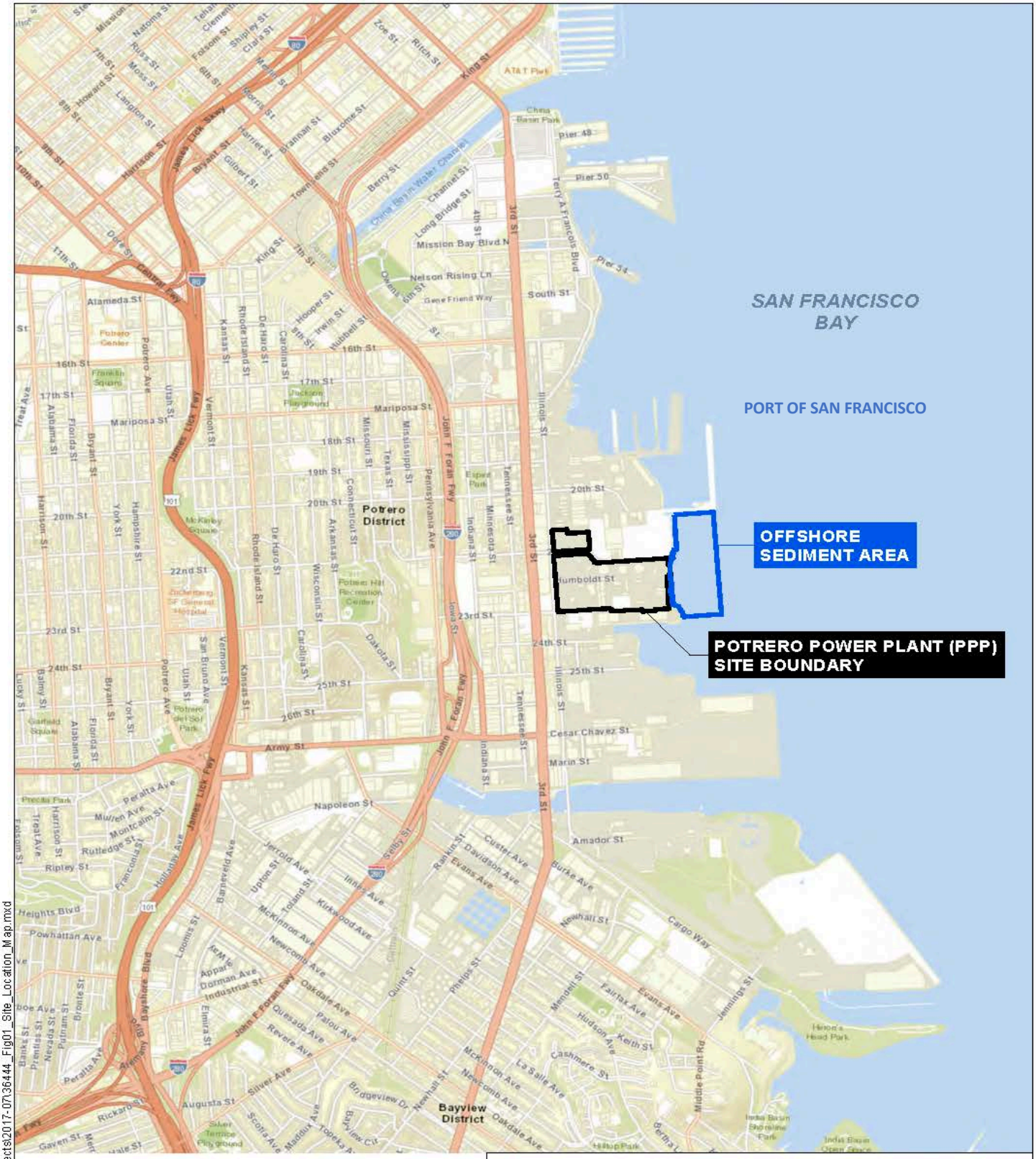


MAP SOURCE: ESRI

SITE COORDINATES : 37°45'23.83"N, 122°23'4.35"W

HALEY ALDRICH

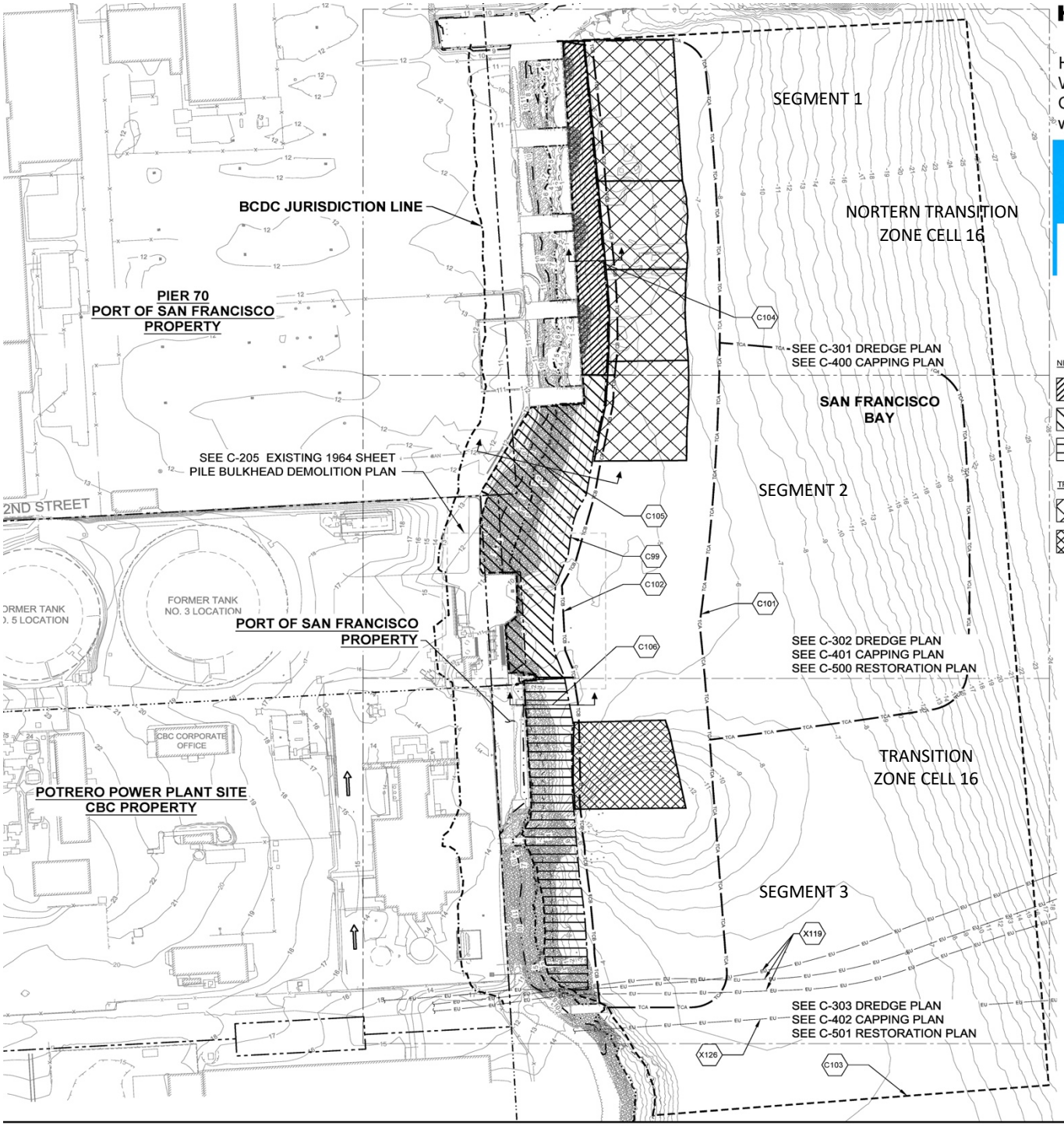
PACIFIC GAS AND ELECTRIC COMPANY (PG&E)
OFFSHORE SEDIMENT AREA
REMEDIAL ACTION PLAN
POTRERO POWER PLANT SITE
SAN FRANCISCO, CALIFORNIA

POTRERO POWER PLANT
SITE LOCATION MAP

BCDC PERMIT NUMBER M2017.005.03

EXHIBIT A

G:\36444_Potrero\Global\GIS\MapProjects\2017-07\36444_Fig01_Site_Location_Map.mxd



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PG&E

LEGEND

NEARSHORE ZONE REMEDIAL RESPONSE AREAS

- SEGMENT 1
- SEGMENT 2
- SEGMENT 3

TRANSITION ZONE REMEDIAL RESPONSE AREAS

- NORTHERN TRANSITION ZONE CELLS (IN SITU TREATMENT APPLICATION AREA)
- TRANSITION ZONE CELL 16 (MNR/A AREA)

OFFSHORE SEDIMENT AREA
REMEDIATION PROJECT

POTRERO POWER PLANT SITE
SAN FRANCISCO, CALIFORNIA

REMEDIAL COMPONENTS AND PHASING PLAN

BCDC Permit Number M2017.005.03

EXHIBIT B

N

0 80 160 240 320
SCALE IN FEET

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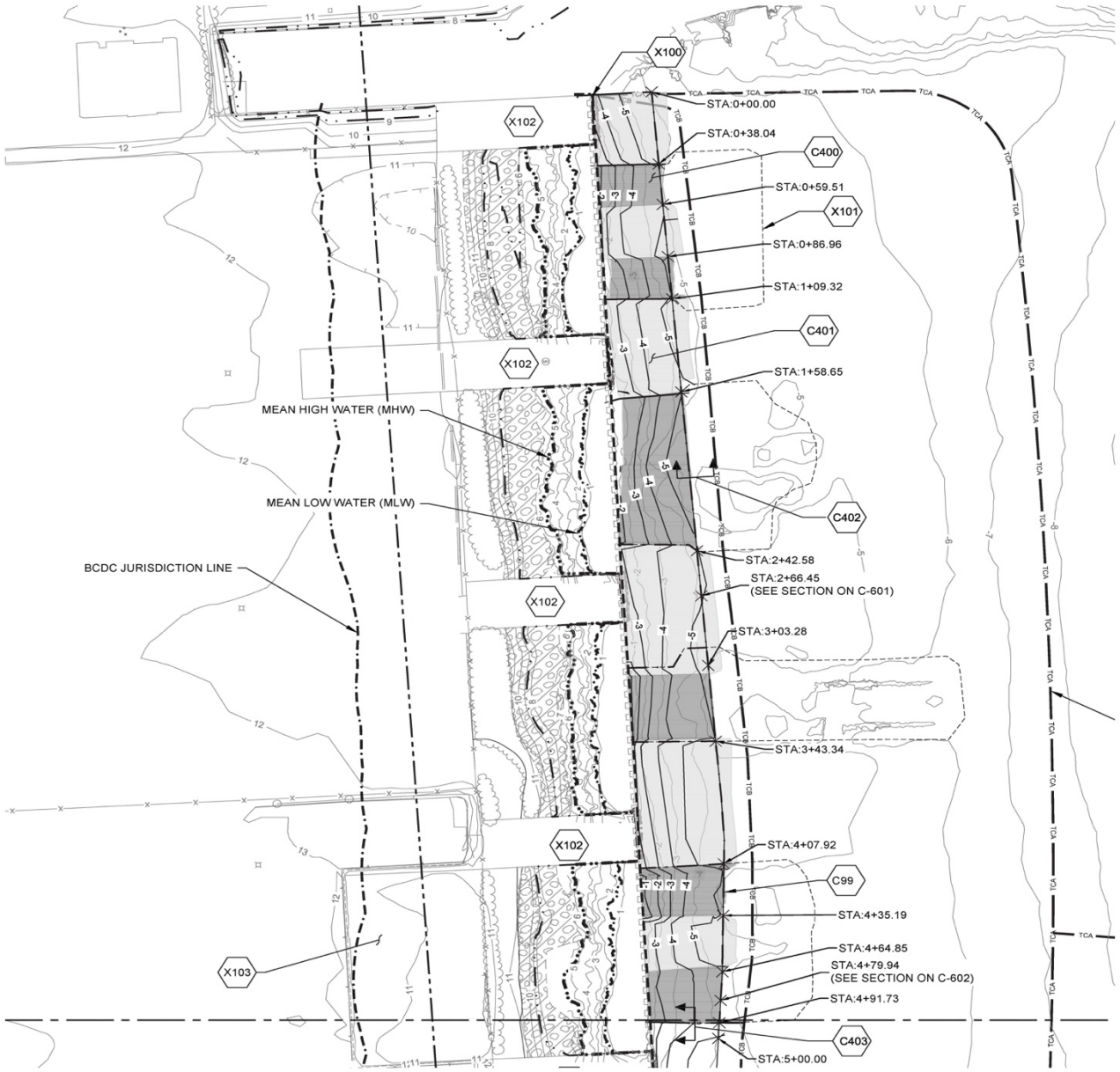


LEGEND:

- PHYSICAL ISOLATION CAP, TYPE 1 (SEE NOTE 2)
- PHYSICAL ISOLATION CAP, TYPE 2
- -4 EXISTING GRADE CONTOUR
- -5 MAJOR CAP CONTOUR
- -4 MINOR CAP CONTOUR

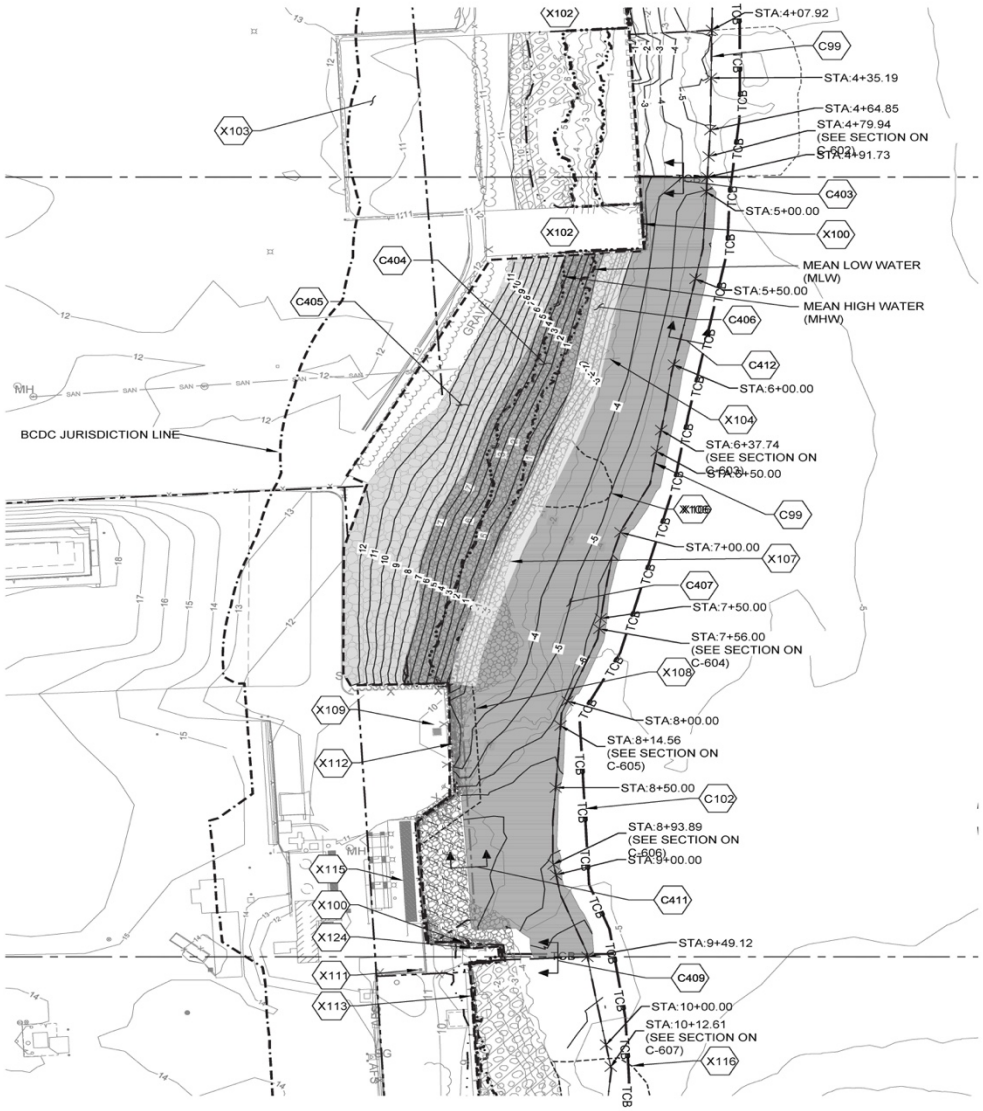
OFFSHORE SEDIMENT AREA REMEDIATION PROJECT

POTRERO POWER PLANT SITE
SAN FRANCISCO, CALIFORNIA

CAPPING LAYOUT SEGMENT 1

BCDC Permit Number M2017.005.03

EXHIBIT C



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LEGEND:

- REVETMENT
- REACTIVE CAP, TYPE 1A
- REACTIVE CAP, TYPE 1B
- REACTIVE CAP, TYPE 2
- 4 EXISTING GRADE CONTOUR
- 5 MAJOR CAP CONTOUR
- 4 MINOR CAP CONTOUR

OFFSHORE SEDIMENT AREA
REMEDIATION PROJECT

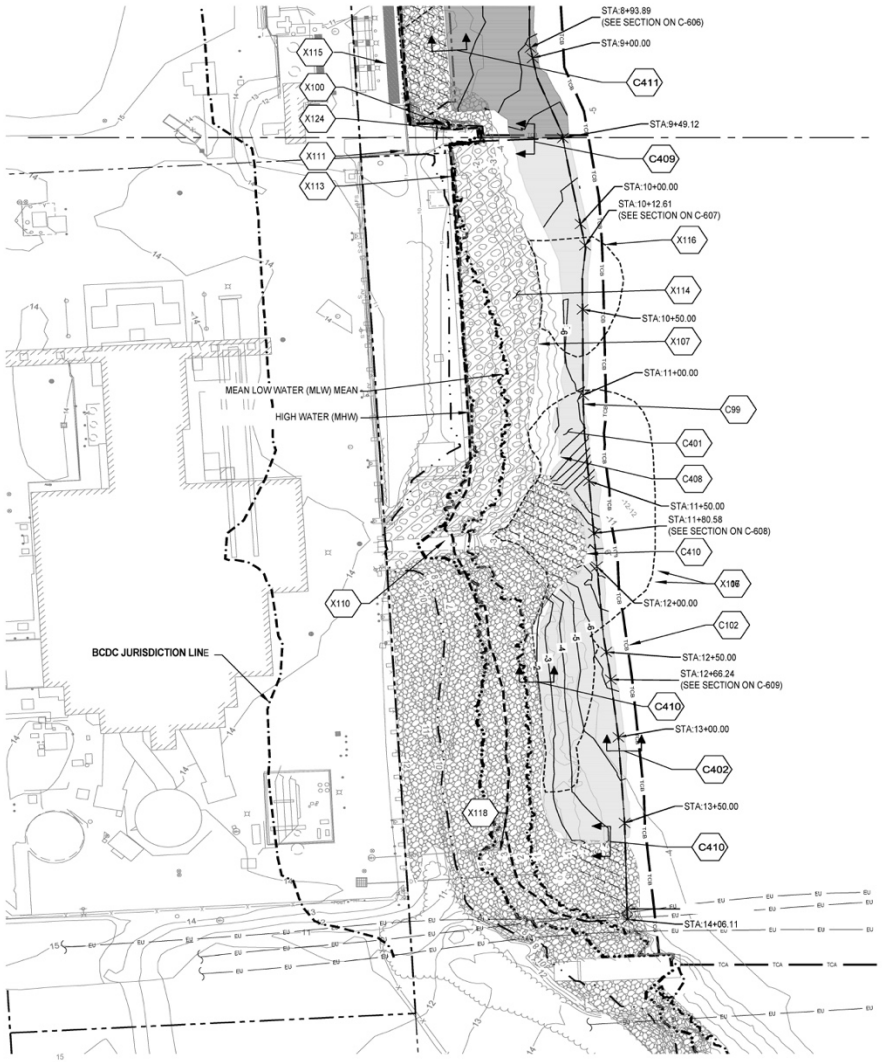
POTRERO POWER PLANT SITE
SAN FRANCISCO, CALIFORNIA

CAPPING LAYOUT SEGMENT 2

BCDC Permit Number

M2017.005.03

EXHIBIT D



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LEGEND:

- REACTIVE CAP, TYPE 2
- PHYSICAL ISOLATION CAP, TYPE 1
- EXISTING GRADE CONTOUR
- MAJOR CAP CONTOUR
- MINOR CAP CONTOUR

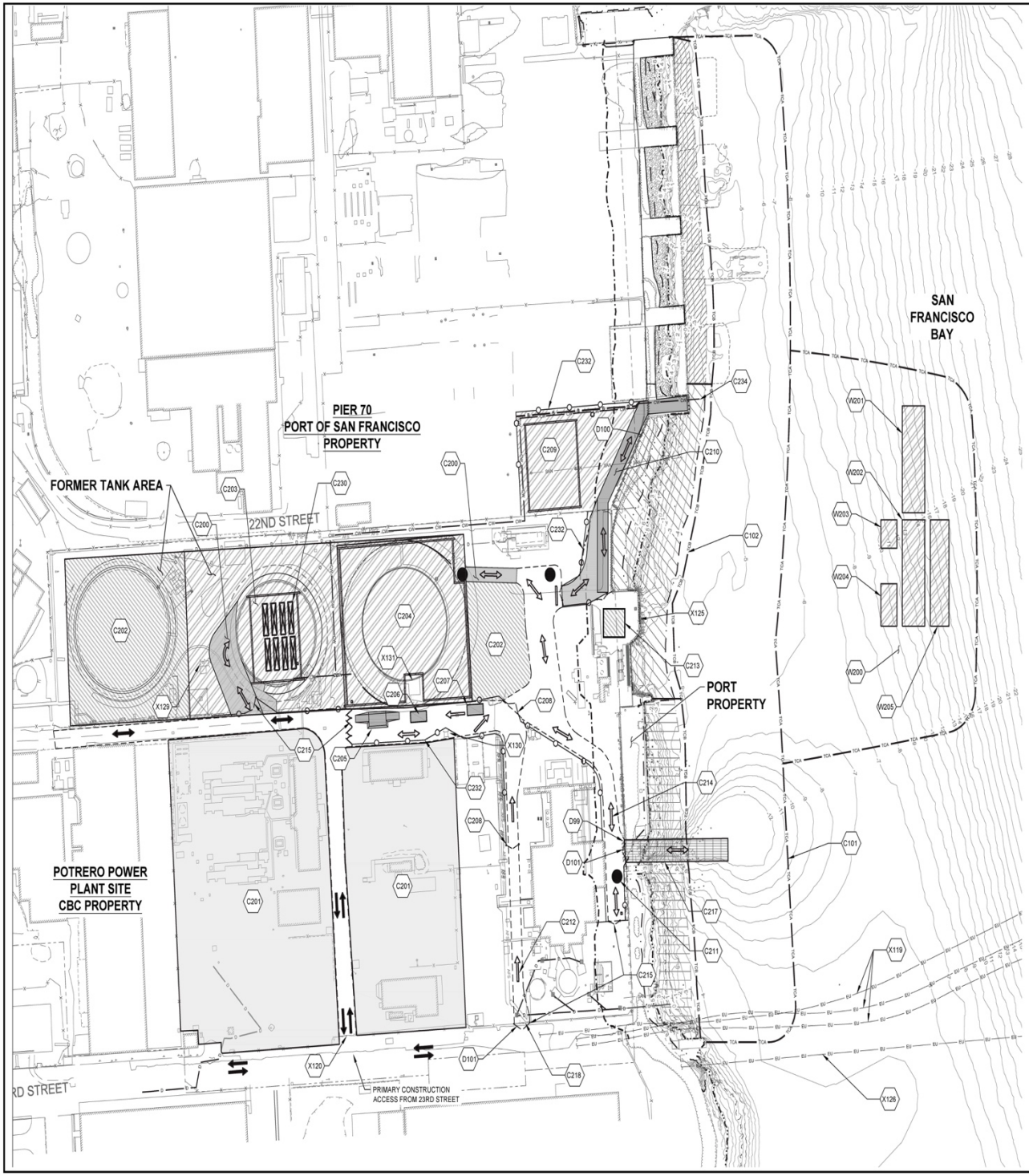
OFFSHORE SEDIMENT AREA
REMEDIATION PROJECT

POTRERO POWER PLANT SITE
SAN FRANCISCO, CALIFORNIA

CAPPING LAYOUT SEGMENT 3

BCDC Permit Number
M2017.005.03

EXHIBIT E



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LEGEND:

- SINGLE LANE, TWO-WAY TRAFFIC
- TWO LANE, TWO-WAY TRAFFIC
- SINGLE LANE, TWO-WAY CONTRACTOR TRAFFIC TWO LANE, TWO-WAY
- CONTRACTOR TRAFFIC
- EXISTING ROADWAY
- PROPOSED ROADWAY / RAMP
- OPTIONAL TRANSLOAD DECK
- CONTRACTOR STAGING AND STORAGE AREA
- PROPOSED SEDIMENT/AGGREGATE PROCESSING, STORAGE, AND WATER TREATMENT AREA
- POTENTIAL TRUCK DUMP OR TURNAROUND AREA
- CW — PROPOSED TREATED CONSTRUCTION WATER DISCHARGE LINE (SEE NOTE 4)
- TEMPORARY CONSTRUCTION FENCE
- TCA — TURBIDITY CONTROL TYPE A TURBIDITY
- TCB — CONTROL TYPE B

OFFSHORE SEDIMENT AREA
REMEDIATION PROJECT

POTRERO POWER PLANT SITE
SAN FRANCISCO, CALIFORNIA

TEMPORARY SITE LAYOUT
PREP AND DEMO PLAN

BCDC Permit Number
M2017.005.03

EXHIBIT F

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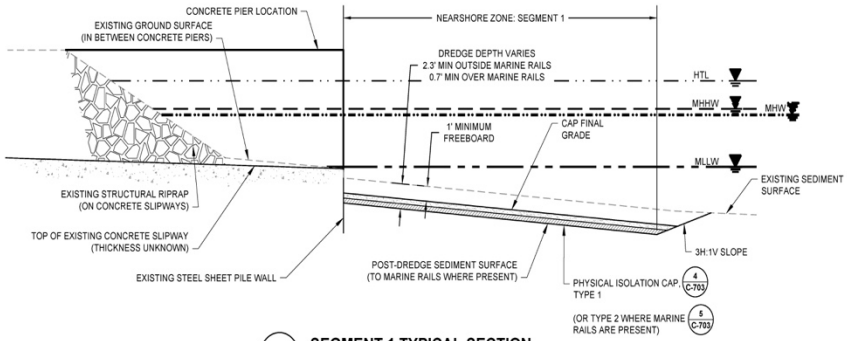
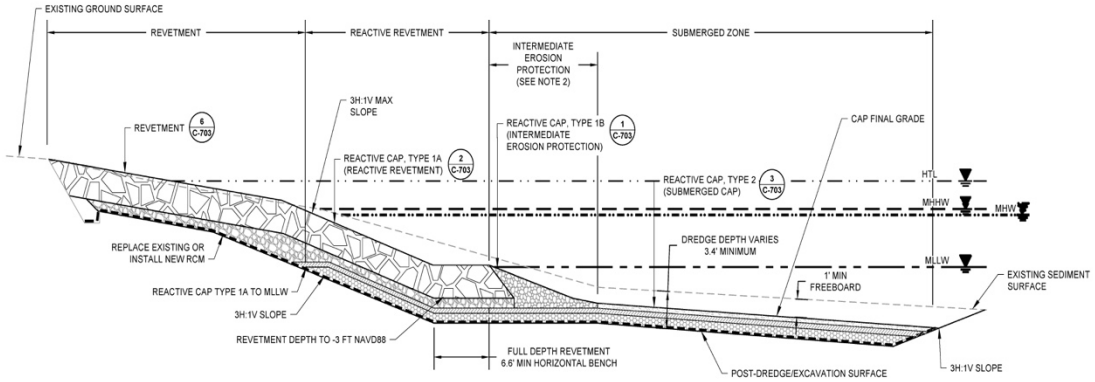
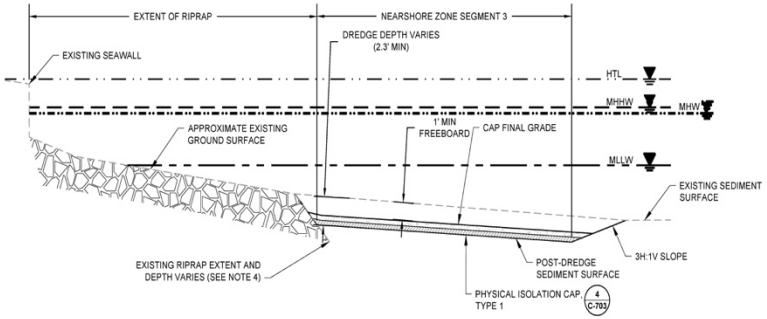


1 **SEGMENT 1 TYPICAL SECTION**
SCALE: NTS



2 **SEGMENT 2 TYPICAL SECTION**
SCALE: NTS



3 **SEGMENT 3 TYPICAL SECTION**
SCALE: NTS

RIPRAP ARMORING LAYER
FILTER ROCK LAYER
AQUAGATE+PAC5 ™
INTERMEDIATE EROSION PROTECTION
EROSION PROTECTION LAYER
SAND LAYER
REACTIVE CORE MAT (RCM)

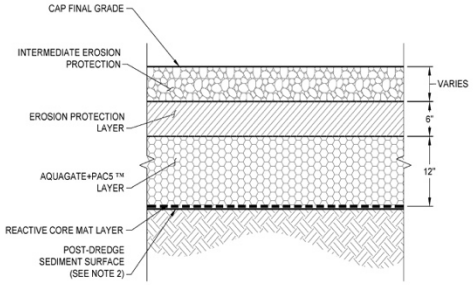
OFFSHORE SEDIMENT AREA REMEDIATION PROJECT

POTRERO POWER PLANT SITE
SAN FRANCISCO, CALIFORNIA

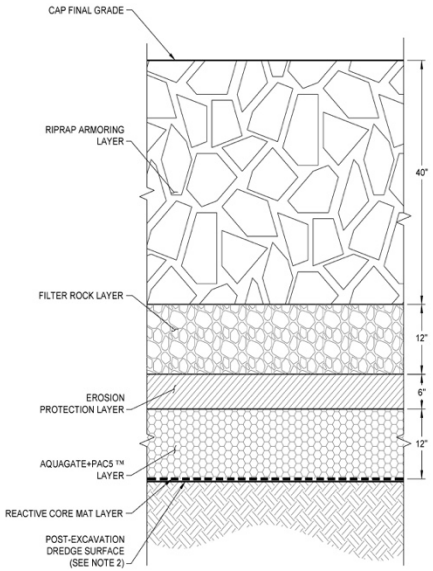
TYPICAL CROSS SECTIONS

BCDC Permit Number M2017.005.03

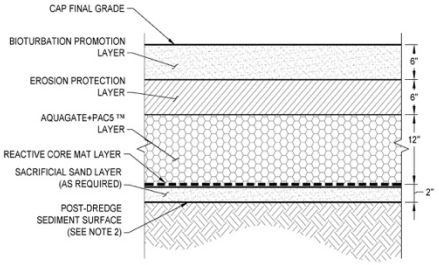
EXHIBIT G



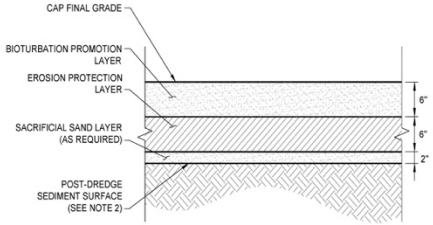
1 REACTIVE CAP, TYPE 1B (INTERMEDIATE EROSION PROTECTION)
SCALE: NTS



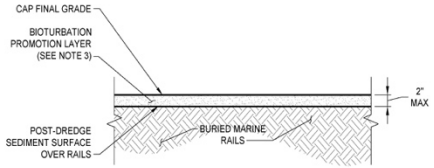
2 REACTIVE CAP, TYPE 1A (REACTIVE REVETMENT)
SCALE: NTS



3 REACTIVE CAP, TYPE 2 (SUBMERGED CAP)
SCALE: NTS

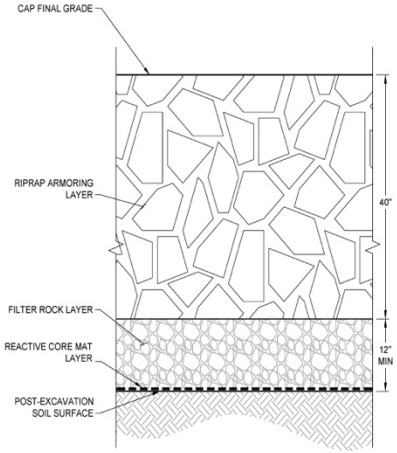


4 PHYSICAL ISOLATION CAP, TYPE 1
SCALE: NTS



5 PHYSICAL ISOLATION CAP, TYPE 2 (THIN CAP OVER RAILS)
SCALE: NTS

7 IN SITU TREATMENT
SCALE: NTS



6 REVETMENT
SCALE: NTS

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OFFSHORE SEDIMENT AREA REMEDIATION PROJECT

POTRERO POWER PLANT SITE
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CAPPING DETAILS 1

BCDC Permit Number M2017.005.03

EXHIBIT H