

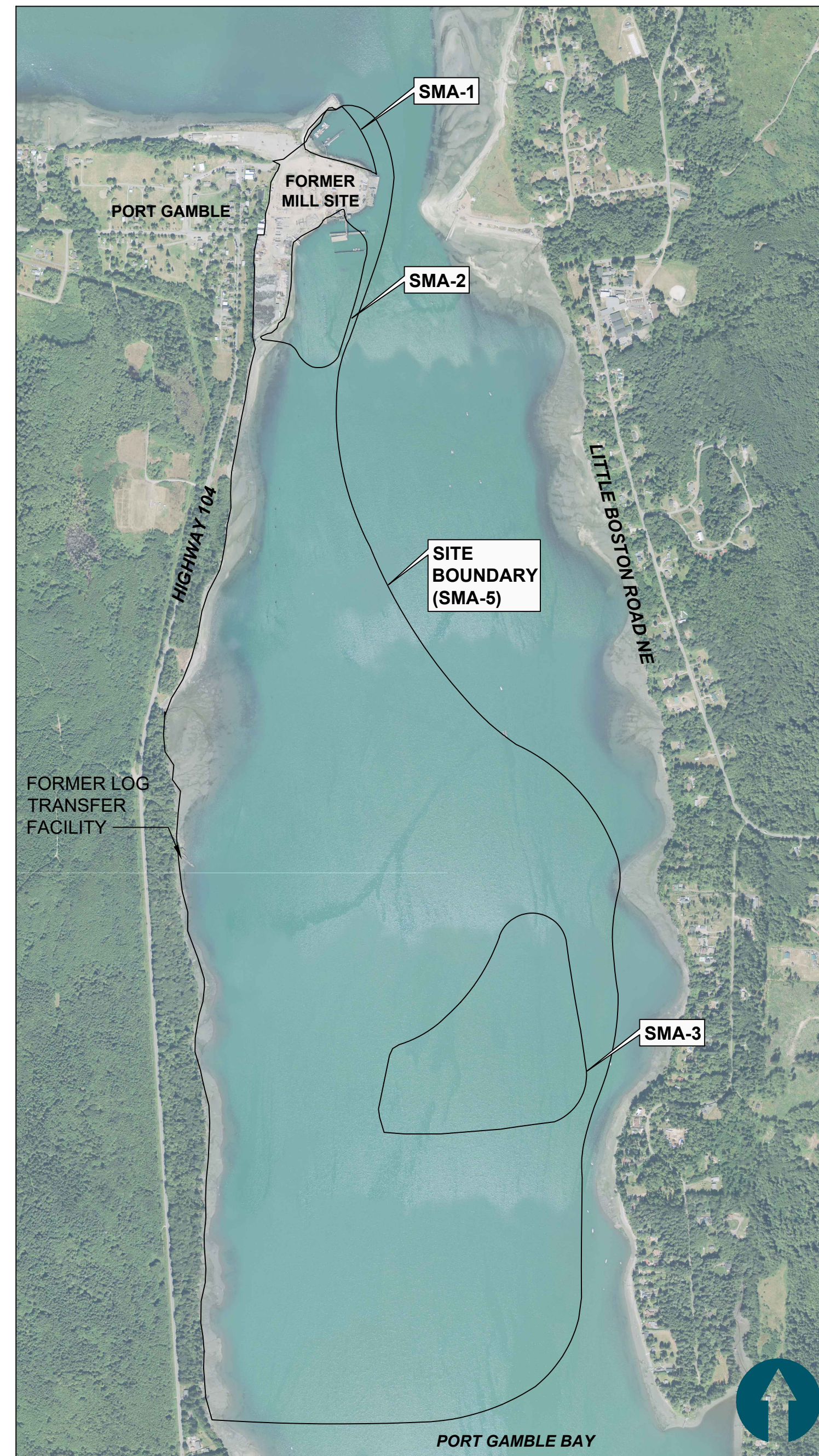
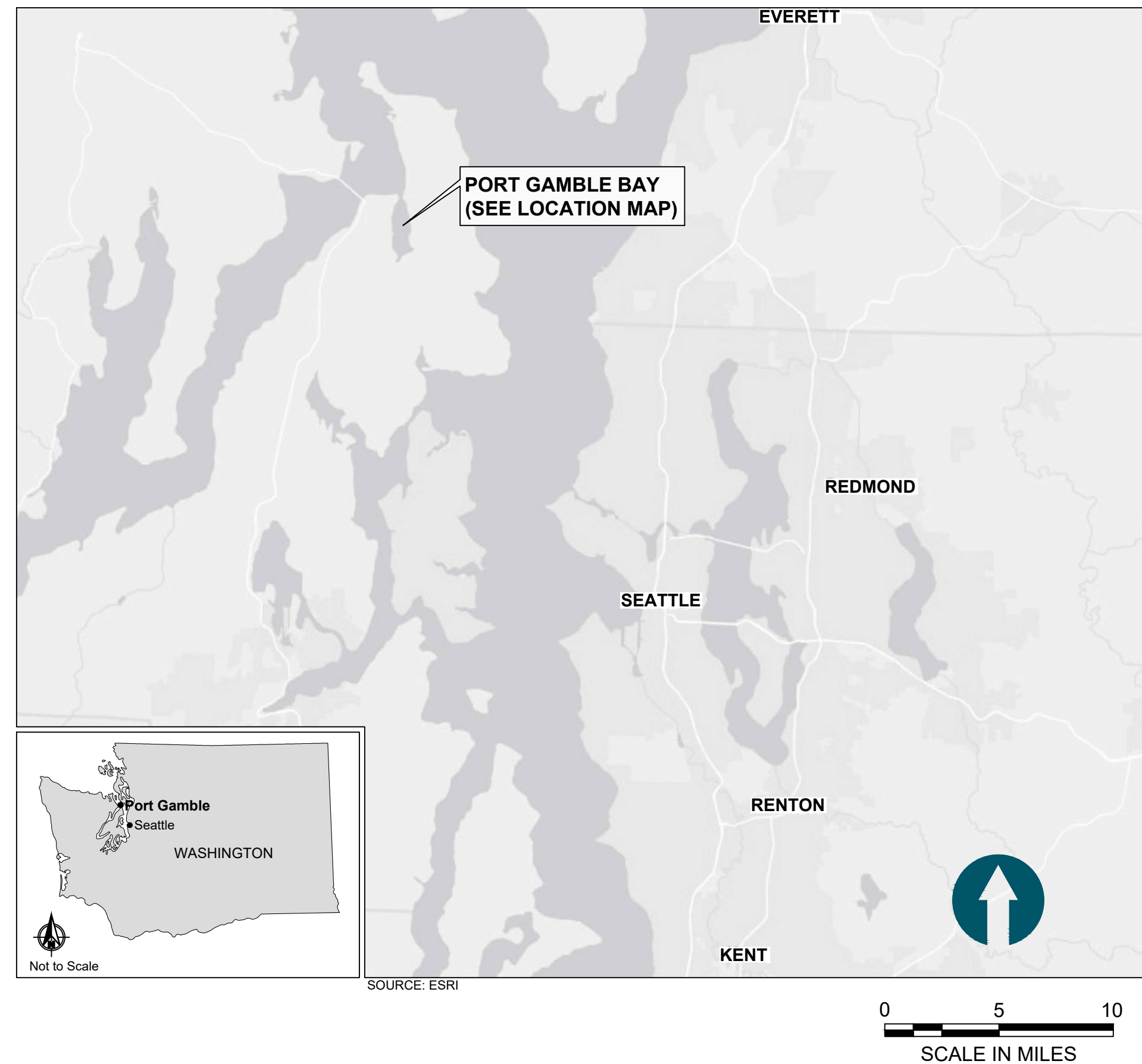
RECORD DRAWINGS

PORT GAMBLE BAY CLEANUP

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LOCATION MAP

VICINITY MAP



DRAWING INDEX		
SHEET	SHEET TITLE	SHEET DESCRIPTION
1	T-01	COVER SHEET
2	T-02	GENERAL NOTES AND ABBREVIATIONS
3	G-01	SITE LAYOUT AND SHEET INDEX
4	G-02	PRE-CONSTRUCTION CONDITIONS (1 OF 2)
5	G-03	PRE-CONSTRUCTION CONDITIONS (2 OF 2)
6	G-04	SITE STAGING AND ACCESS
7	G-05	STAGING AND STOCKPILING
8	G-06	VESSEL NAVIGATION LANES
9	D-01	DEMOLITION PLAN (1 OF 2) STRUCTURES AND PILING
10	D-02	DEMOLITION PLAN (2 OF 2) STRUCTURES AND PILING
11	C-01	POST-DREDGE/EXCAVATION PLAN (SMA-1)
12	C-02	POST-DREDGE/EXCAVATION CROSS SECTIONS (SMA-1)
13	C-03	POST-DREDGE/EXCAVATION PLAN (SMA-2)
14	C-04	POST-DREDGE/EXCAVATION CROSS SECTIONS (SMA-2) 1 OF 2
15	C-05	POST-DREDGE/EXCAVATION CROSS SECTIONS (SMA-2) 2 OF 2
16	C-06	POST-RESIDUALS COVER AND CAPPING CONDITIONS (SMA-1)
17	C-07	POST-RESIDUALS COVER AND CAPPING CROSS SECTIONS (SMA-1)
18	C-08	POST-CAPPING CONDITIONS (SMA-2)
19	C-09	POST-CAPPING CROSS SECTIONS (SMA-2) 1 OF 2
20	C-10	POST-CAPPING CROSS SECTIONS (SMA-2) 2 OF 2
21	C-11	POST-CONSTRUCTION CONDITIONS (SMA-3)
22	C-12	TESC DETAILS
23	C-13	MISCELLANEOUS DETAILS
24	C-14	CAP DETAILS

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Jan 04, 2018 9:48am ch Hewett



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REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION
1	11/8/2017	CH	JL	RECORD DRAWINGS

DESIGNED BY: R. PICKERING
 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: AS NOTED
 DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

COVER SHEET

T-01

SHEET NO. 1 OF 24

RECORD DRAWINGS

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

SMA-1 DREDGE CONTROL POINTS

Table with 6 columns: POINT #, NORTHING, EASTING, POINT #, NORTHING, EASTING. Contains 45 rows of coordinates for SMA-1 Dredge Control Points.

SMA-2 DREDGE CONTROL POINTS

Table with 9 columns: POINT #, NORTHING, EASTING, POINT #, NORTHING, EASTING, POINT #, NORTHING, EASTING. Contains 105 rows of coordinates for SMA-2 Dredge Control Points.

SMA-1 CAPPING CONTROL POINTS

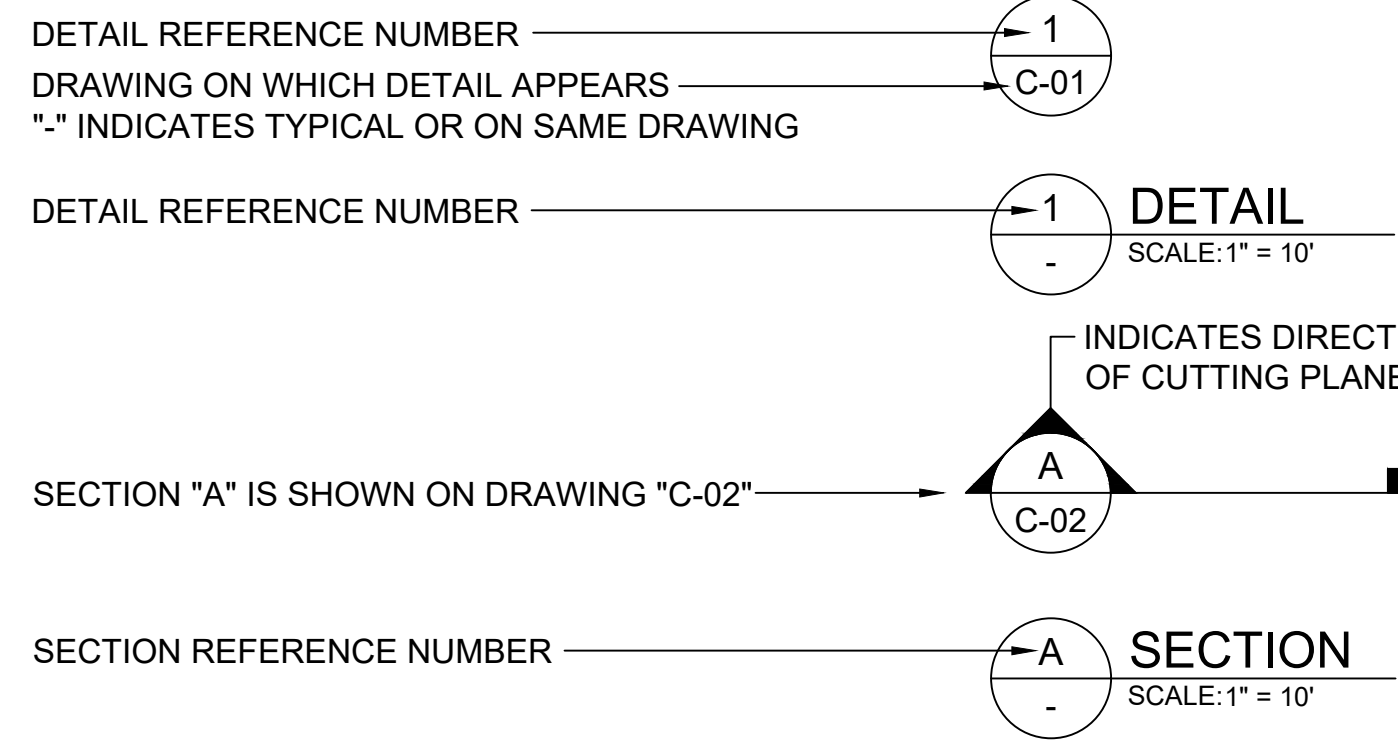
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SMA-2 CAPPING CONTROL POINTS

Table with 9 columns: POINT #, NORTHING, EASTING, POINT #, NORTHING, EASTING, POINT #, NORTHING, EASTING. Contains 355 rows of coordinates for SMA-2 Capping Control Points.

ABBREVIATIONS table with 2 columns: ABBRV, ABBREVIATION. Lists various surveying and construction terms like APPROX., BLDG, BMP, etc.

DETAIL AND SECTION REFERENCING:



SIGNIFICANT REVISIONS WERE MADE TO THE DREDGING AND CAPPING AREAS DURING CONSTRUCTION. SEE DRAWINGS C-01, C-03, C-06, AND C-08 FOR FINAL CONFIGURATION OF DREDGING AND CAPPING AREAS.

GENERAL SURVEY NOTES

- 1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).
3. PRE-CONSTRUCTION UPLAND SURVEY BY TRIAD ASSOCIATES, DATED JULY, 2012. DATUM CHANGED FROM NAVD88 TO MLLW...
4. POST-DREDGE BATHYMETRY FROM ORION, DATED NOVEMBER, 2016, TO JANUARY, 2017.
5. POST-CONSTRUCTION BATHYMETRY FROM ETRAC, DATED JANUARY 19, 2017.
6. THE ABOVE SURVEYS WERE MERGED BY ANCHOR QEA TO PROVIDE A CONTINUOUS EXISTING ELEVATIONS DATA SET.
7. MEAN HIGHER HIGH WATER IS AT ELEVATION 10.30 FEET MLLW

RECORD DRAWINGS



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REVISIONS table with columns: REV, DATE, BY, APP'D, DESCRIPTION. Shows one revision on 11/6/2017 by CH for RECORD DRAWINGS.

DESIGNED BY: R. PICKERING
DRAWN BY: C. HEWETT
CHECKED BY: J. LAPLANTE
APPROVED BY: J. LAPLANTE
SCALE: N/A
DATE: OCTOBER 2017

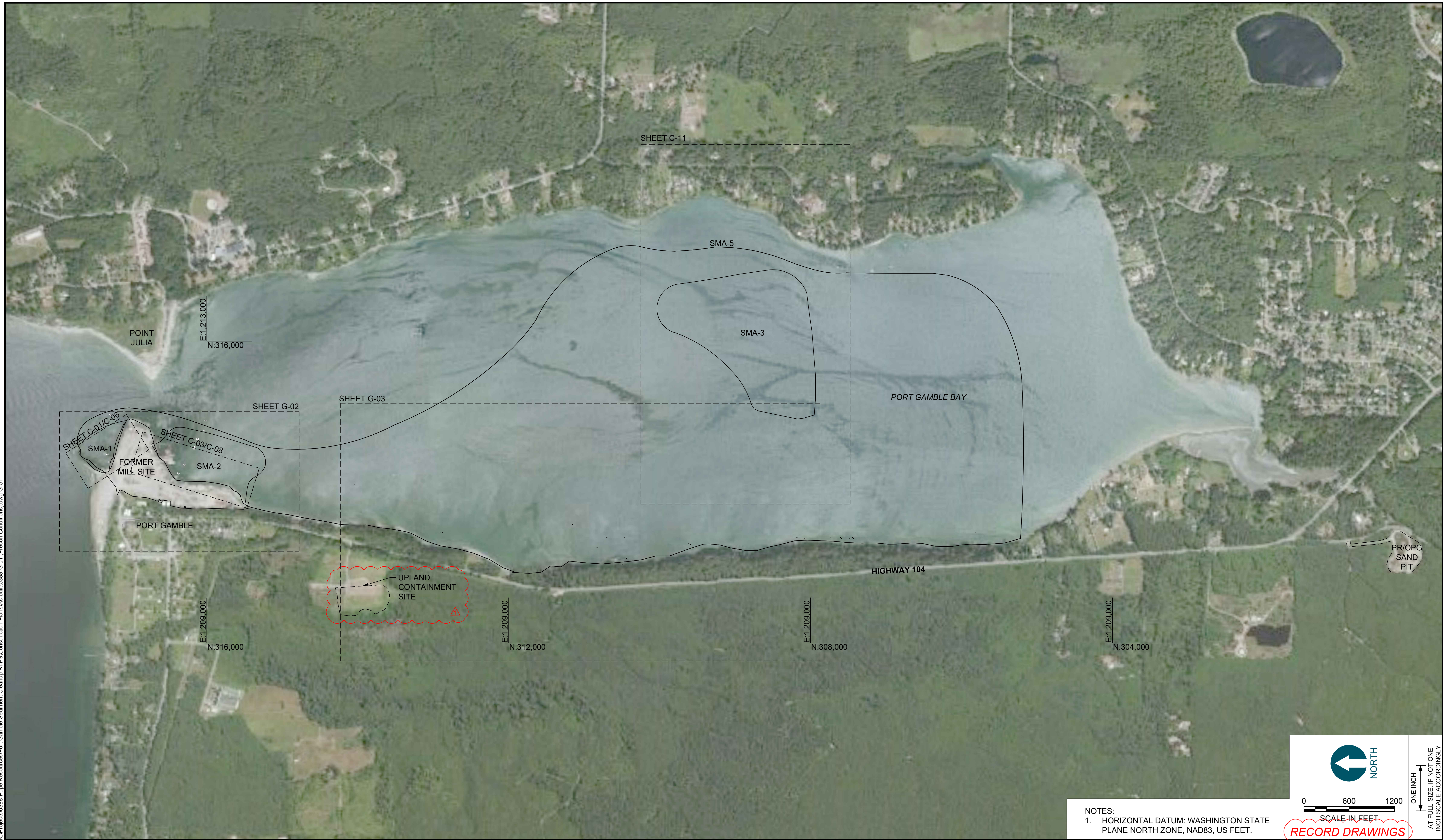
PORT GAMBLE BAY CLEANUP RECORD DRAWINGS

GENERAL NOTES AND ABBREVIATIONS

T-02

SHEET NO. 2 OF 24

K:\Projects\0388-Pope Resources\Port Gamble Sediment Cleanup RFP\Construction Plans\As-built\0388-C-01 (Precon Conditions).dwg G-01
Jan 04, 2018 9:49am chewet



NOTES:
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.

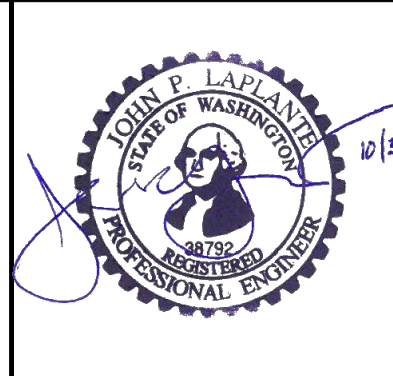
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ONE INCH
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

RECORD DRAWINGS



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1	11/6/2017	CH	JL	RECORD DRAWINGS

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 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 600'
 DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

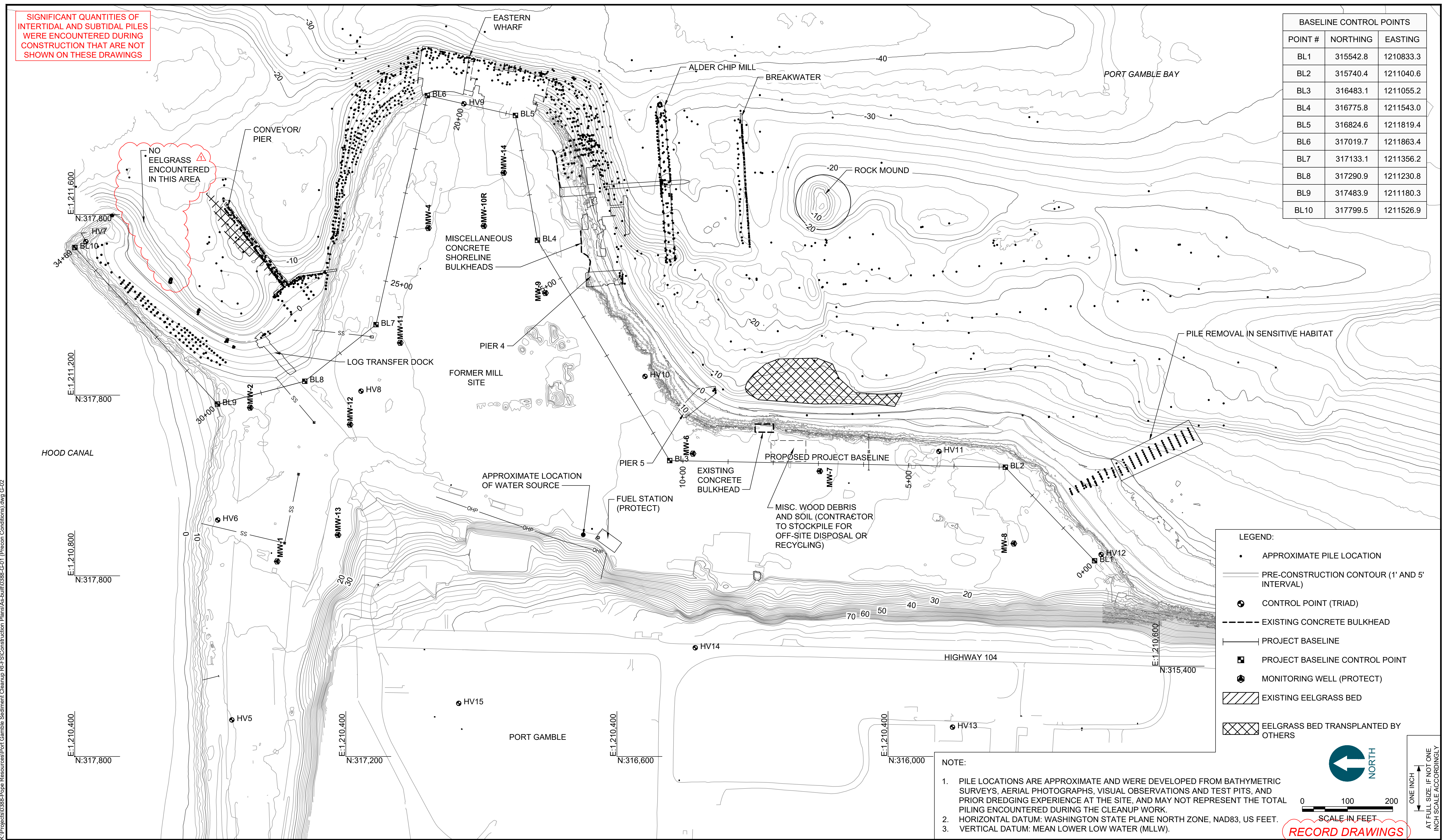
SITE LAYOUT AND SHEET INDEX

G-01

SHEET NO. 3 OF 24

SIGNIFICANT QUANTITIES OF INTERTIDAL AND SUBTIDAL PILES WERE ENCOUNTERED DURING CONSTRUCTION THAT ARE NOT SHOWN ON THESE DRAWINGS

BASELINE CONTROL POINTS		
POINT #	NORTHING	EASTING
BL1	315542.8	1210833.3
BL2	315740.4	1211040.6
BL3	316483.1	1211055.2
BL4	316775.8	1211543.0
BL5	316824.6	1211819.4
BL6	317019.7	1211863.4
BL7	317133.1	1211356.2
BL8	317290.9	1211230.8
BL9	317483.9	1211180.3
BL10	317799.5	1211526.9



LEGEND:

- APPROXIMATE PILE LOCATION
- PRE-CONSTRUCTION CONTOUR (1' AND 5' INTERVAL)
- ⊕ CONTROL POINT (TRIAD)
- EXISTING CONCRETE BULKHEAD
- PROJECT BASELINE
- PROJECT BASELINE CONTROL POINT
- ⊙ MONITORING WELL (PROTECT)
- ▨ EXISTING EELGRASS BED
- ▩ EELGRASS BED TRANSPLANTED BY OTHERS

NOTE:

1. PILE LOCATIONS ARE APPROXIMATE AND WERE DEVELOPED FROM BATHYMETRIC SURVEYS, AERIAL PHOTOGRAPHS, VISUAL OBSERVATIONS AND TEST PITS, AND PRIOR DREDGING EXPERIENCE AT THE SITE, AND MAY NOT REPRESENT THE TOTAL PILING ENCOUNTERED DURING THE CLEANUP WORK.
2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
3. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).

0 100 200
SCALE IN FEET

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

RECORD DRAWINGS

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1	11/8/2017	CH	JL	RECORD DRAWINGS

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 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 100'
 DATE: OCTOBER 2017

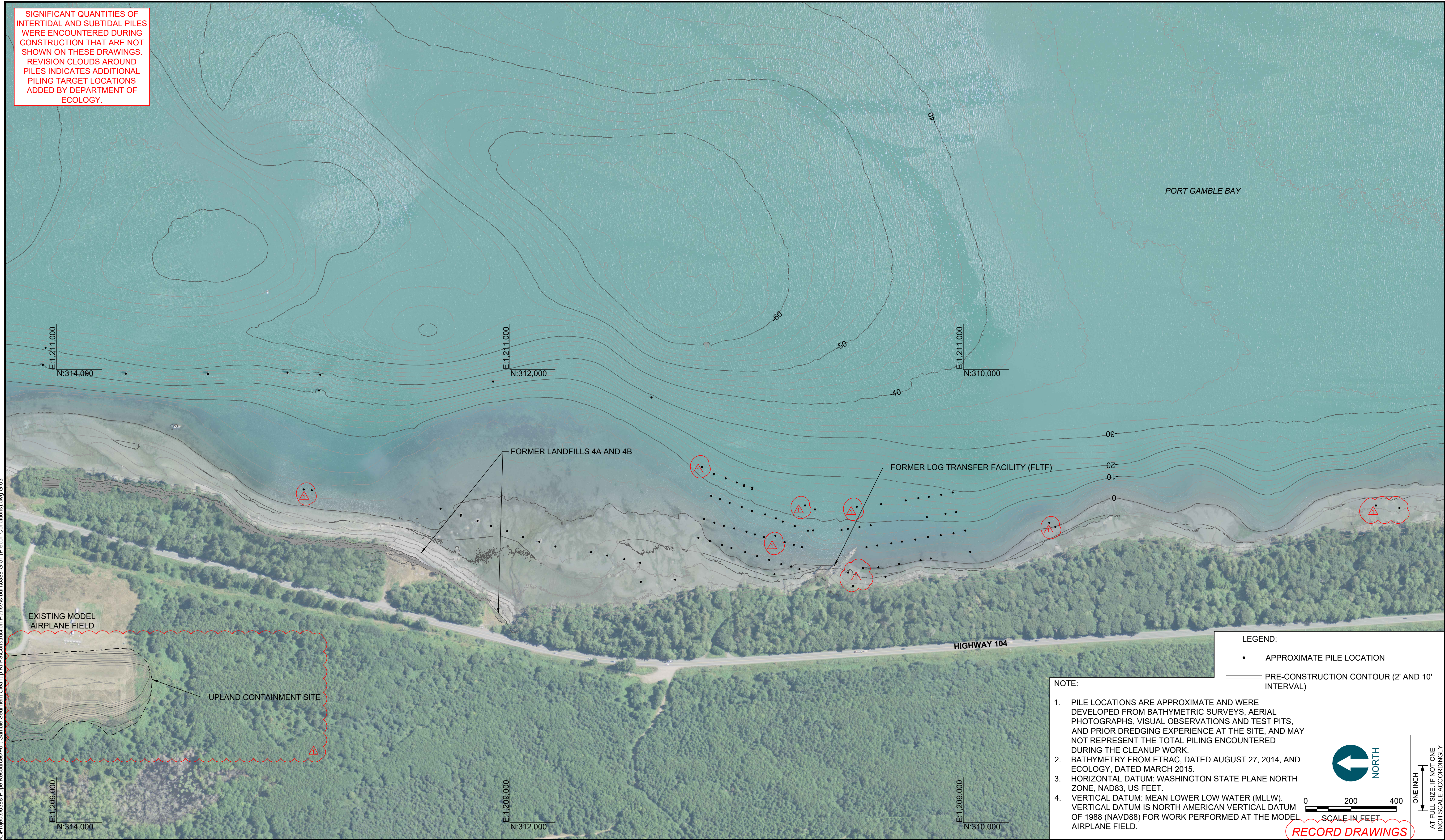
**PORT GAMBLE BAY CLEANUP
 RECORD DRAWINGS**

PRE-CONSTRUCTION CONDITIONS (1 OF 2)

G-02

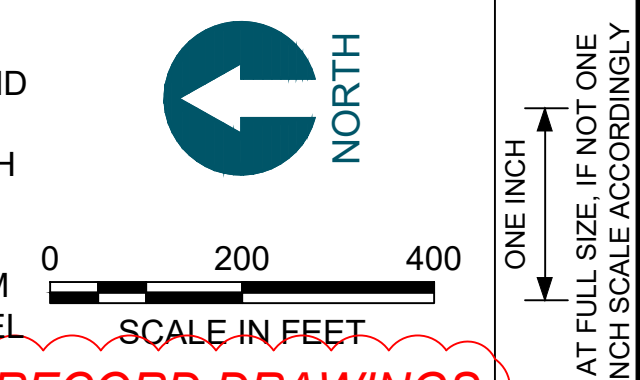
SHEET NO. 4 OF 24

SIGNIFICANT QUANTITIES OF INTERTIDAL AND SUBTIDAL PILES WERE ENCOUNTERED DURING CONSTRUCTION THAT ARE NOT SHOWN ON THESE DRAWINGS. REVISION CLOUDS AROUND PILES INDICATES ADDITIONAL PILING TARGET LOCATIONS ADDED BY DEPARTMENT OF ECOLOGY.



LEGEND:
 • APPROXIMATE PILE LOCATION
 — PRE-CONSTRUCTION CONTOUR (2' AND 10' INTERVAL)

NOTE:
 1. PILE LOCATIONS ARE APPROXIMATE AND WERE DEVELOPED FROM BATHYMETRIC SURVEYS, AERIAL PHOTOGRAPHS, VISUAL OBSERVATIONS AND TEST PITS, AND PRIOR DREDGING EXPERIENCE AT THE SITE, AND MAY NOT REPRESENT THE TOTAL PILING ENCOUNTERED DURING THE CLEANUP WORK.
 2. BATHYMETRY FROM ETRAC, DATED AUGUST 27, 2014, AND ECOLOGY, DATED MARCH 2015.
 3. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
 4. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW). VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) FOR WORK PERFORMED AT THE MODEL AIRPLANE FIELD.



RECORD DRAWINGS

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 Jan 04, 2018 9:50am chevat



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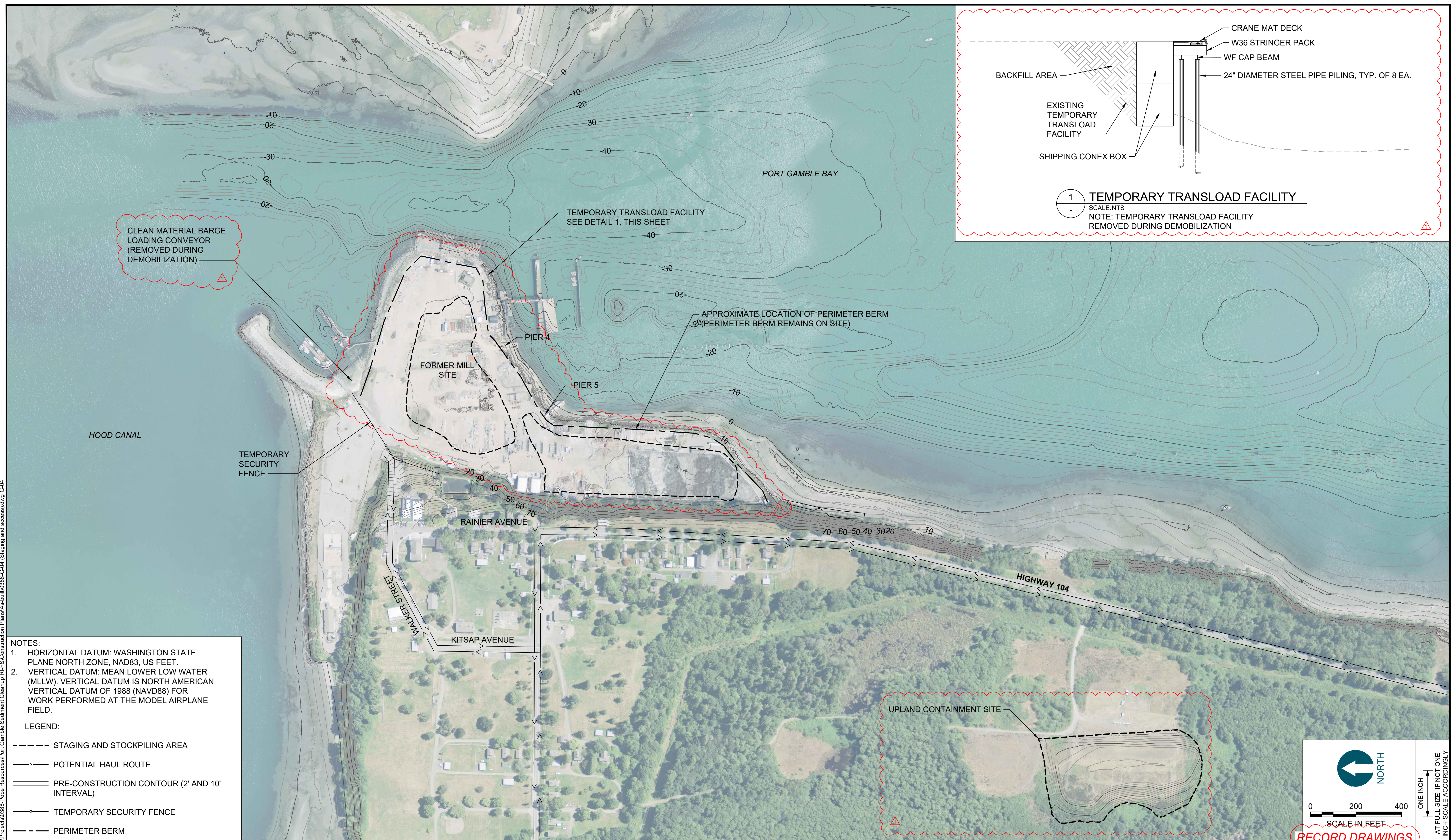
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REV	DATE	BY	APP'D	DESCRIPTION
1	11/8/2017	CH	JL	RECORD DRAWINGS

DESIGNED BY: R. PICKERING
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 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 200'
 DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
 RECORD DRAWINGS**
PRE-CONSTRUCTION CONDITIONS (2 OF 2)

G-03
 SHEET NO. 5 OF 24

K:\Projects\0388-Pope Resources\Port Gamble Sediment Cleanup R\F\Construction Plans\As-built\0388-C-04 (Staging and access).dwg G-04



CLEAN MATERIAL BARGE LOADING CONVEYOR (REMOVED DURING DEMOBILIZATION)

TEMPORARY SECURITY FENCE

FORMER MILL SITE

PIER 4

PIER 5

RAINIER AVENUE

KITSAP AVENUE

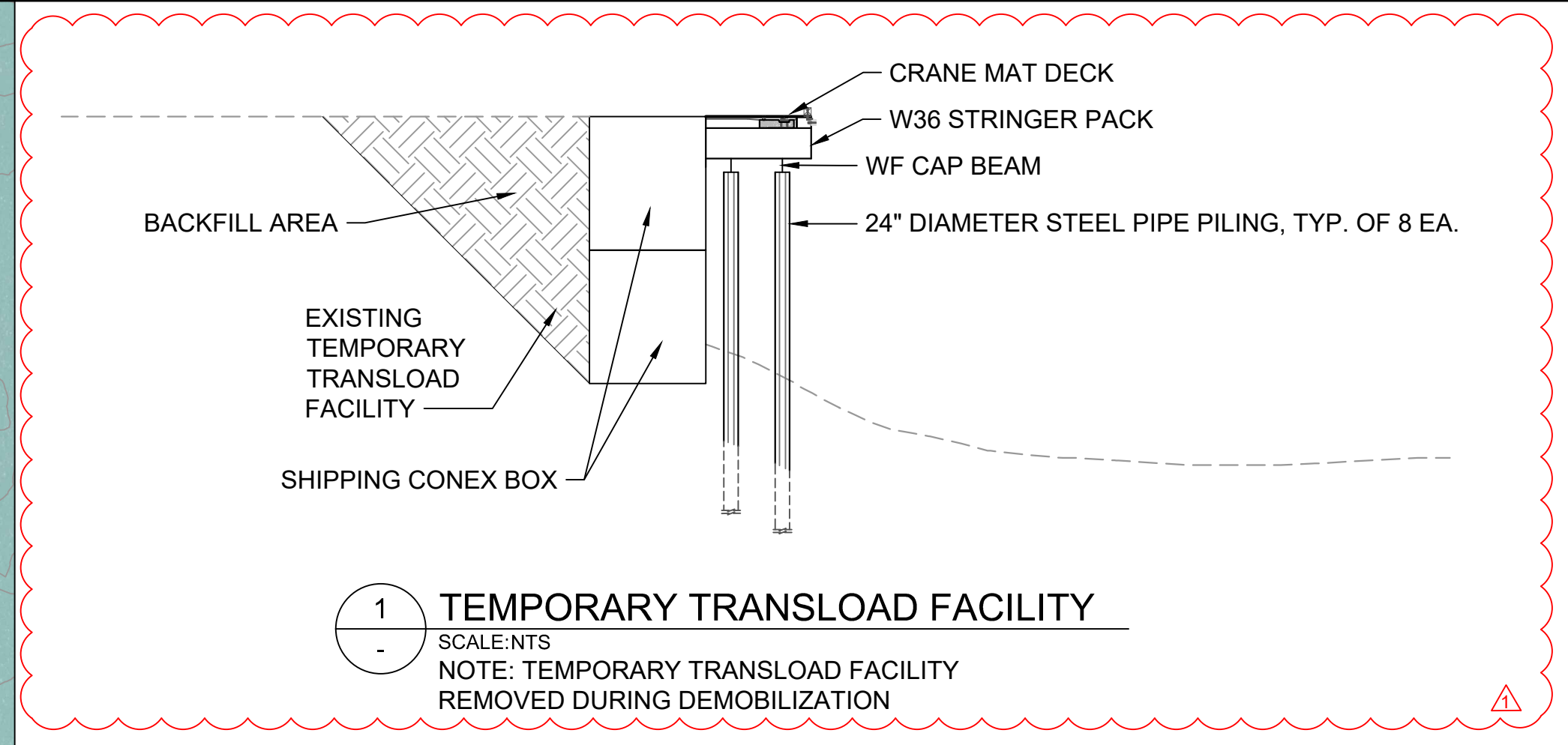
WALKER STREET

HIGHWAY 104

UPLAND CONTAINMENT SITE

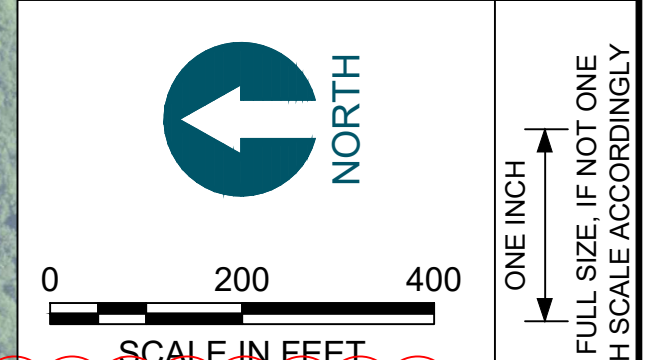
TEMPORARY TRANSLOAD FACILITY SEE DETAIL 1, THIS SHEET

APPROXIMATE LOCATION OF PERIMETER BERM (PERIMETER BERM REMAINS ON SITE)



NOTES:
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW). VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) FOR WORK PERFORMED AT THE MODEL AIRPLANE FIELD.

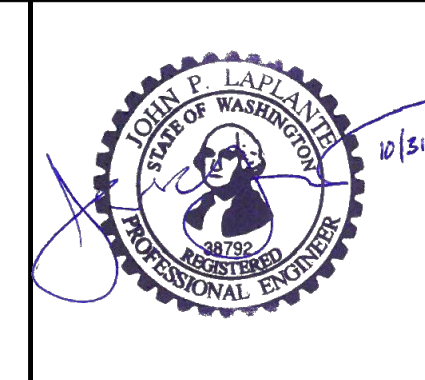
LEGEND:
 - - - - STAGING AND STOCKPILING AREA
 - - - - PERIMETER BERM
 - - - - POTENTIAL HAUL ROUTE
 - - - - PRE-CONSTRUCTION CONTOUR (2' AND 10' INTERVAL)
 - - - - TEMPORARY SECURITY FENCE



RECORD DRAWINGS



POPE RESOURCES LP / OPG PROPERTIES LLC



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REV	DATE	BY	APP'D	DESCRIPTION
1	11/6/2017	CH	JL	RECORD DRAWINGS

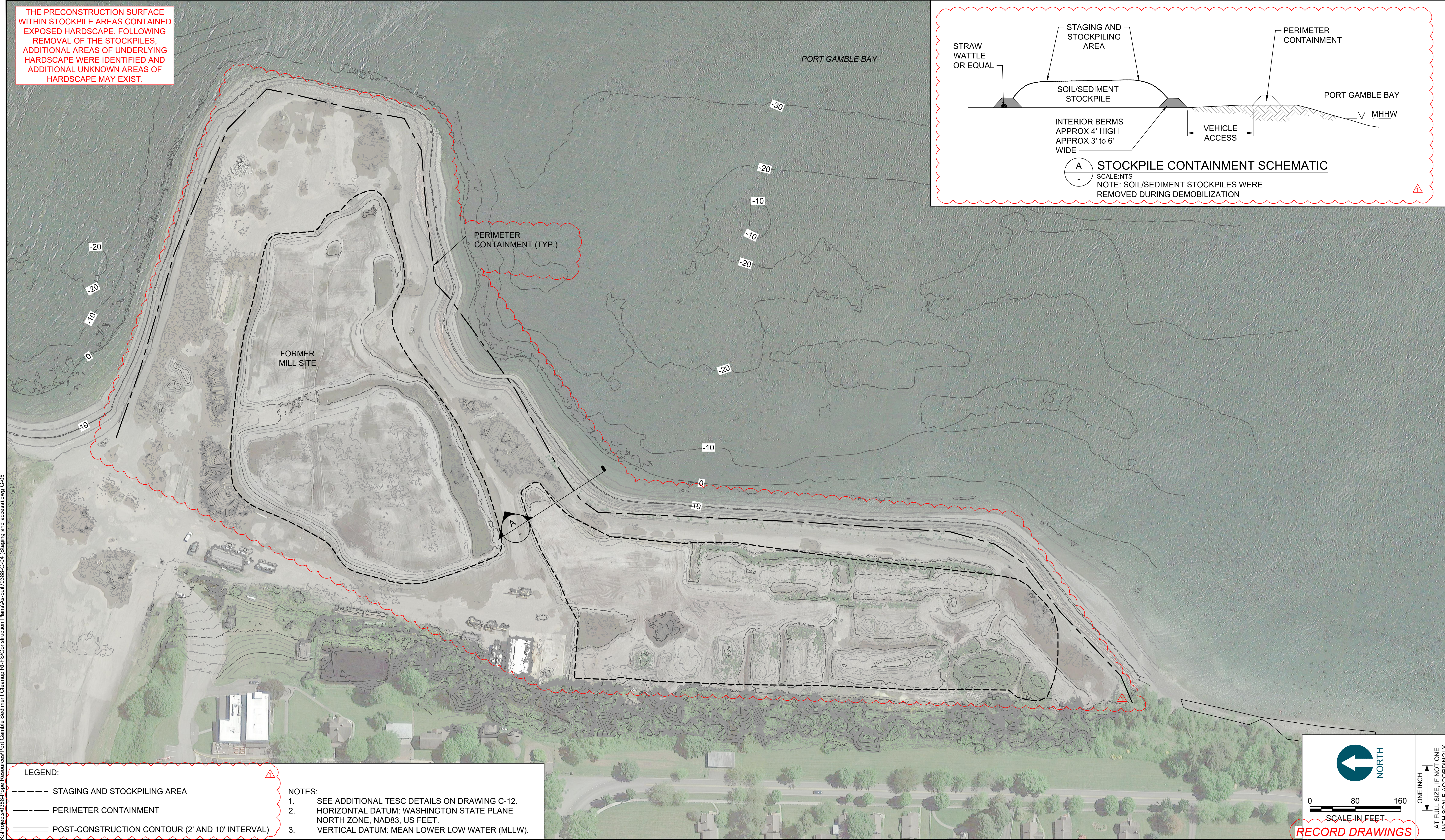
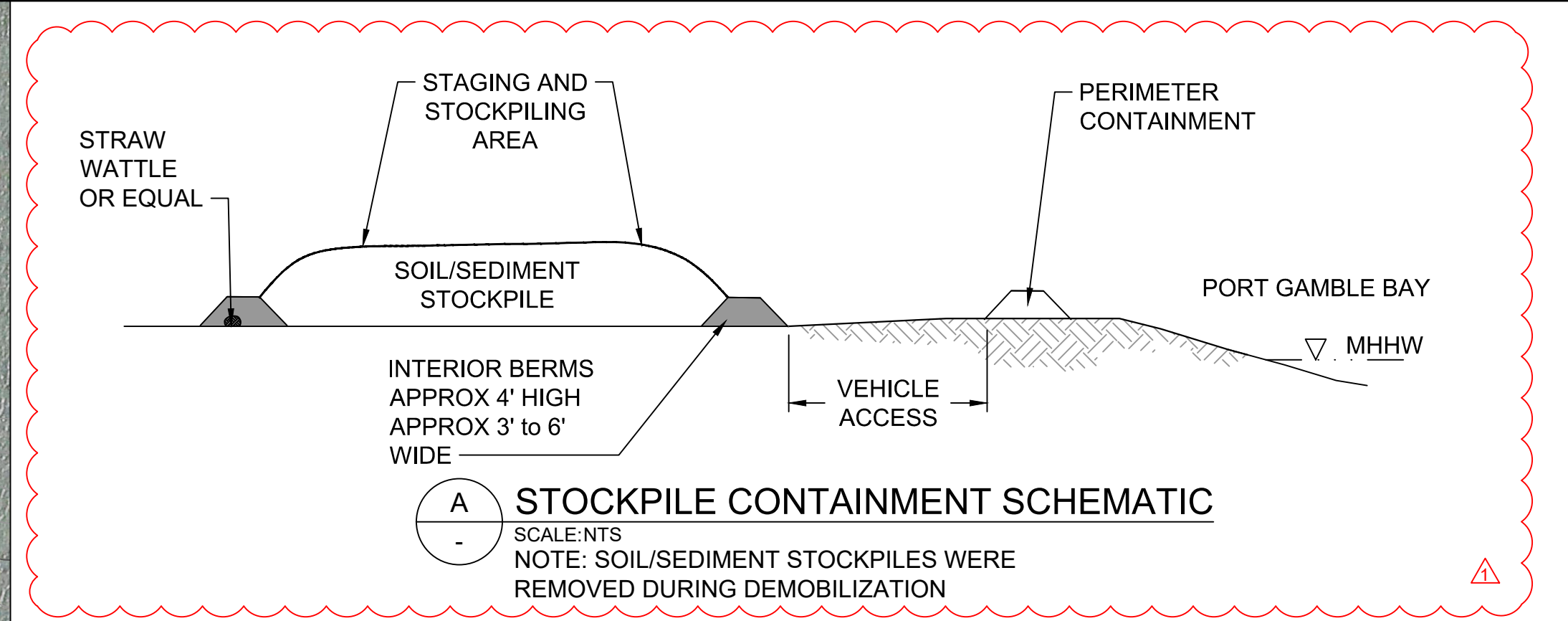
DESIGNED BY: R. PICKERING
 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = X'
 DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
 RECORD DRAWINGS**

SITE STAGING AND ACCESS

G-04
 SHEET NO. 6 OF 24

THE PRECONSTRUCTION SURFACE WITHIN STOCKPILE AREAS CONTAINED EXPOSED HARDSCAPE. FOLLOWING REMOVAL OF THE STOCKPILES, ADDITIONAL AREAS OF UNDERLYING HARDSCAPE WERE IDENTIFIED AND ADDITIONAL UNKNOWN AREAS OF HARDSCAPE MAY EXIST.



LEGEND:

- STAGING AND STOCKPILING AREA
- PERIMETER CONTAINMENT
- POST-CONSTRUCTION CONTOUR (2' AND 10' INTERVAL)

NOTES:

1. SEE ADDITIONAL TESC DETAILS ON DRAWING C-12.
2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
3. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).

NORTH

0 80 160

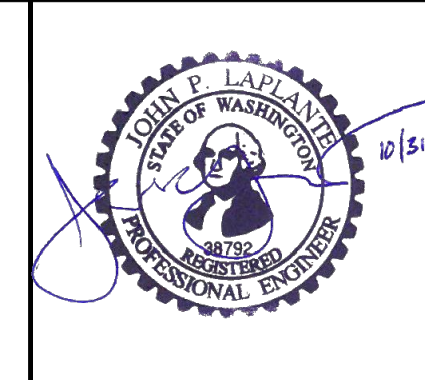
SCALE IN FEET

RECORD DRAWINGS

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY



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 SCALE: 1" = X'
 DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
 RECORD DRAWINGS**

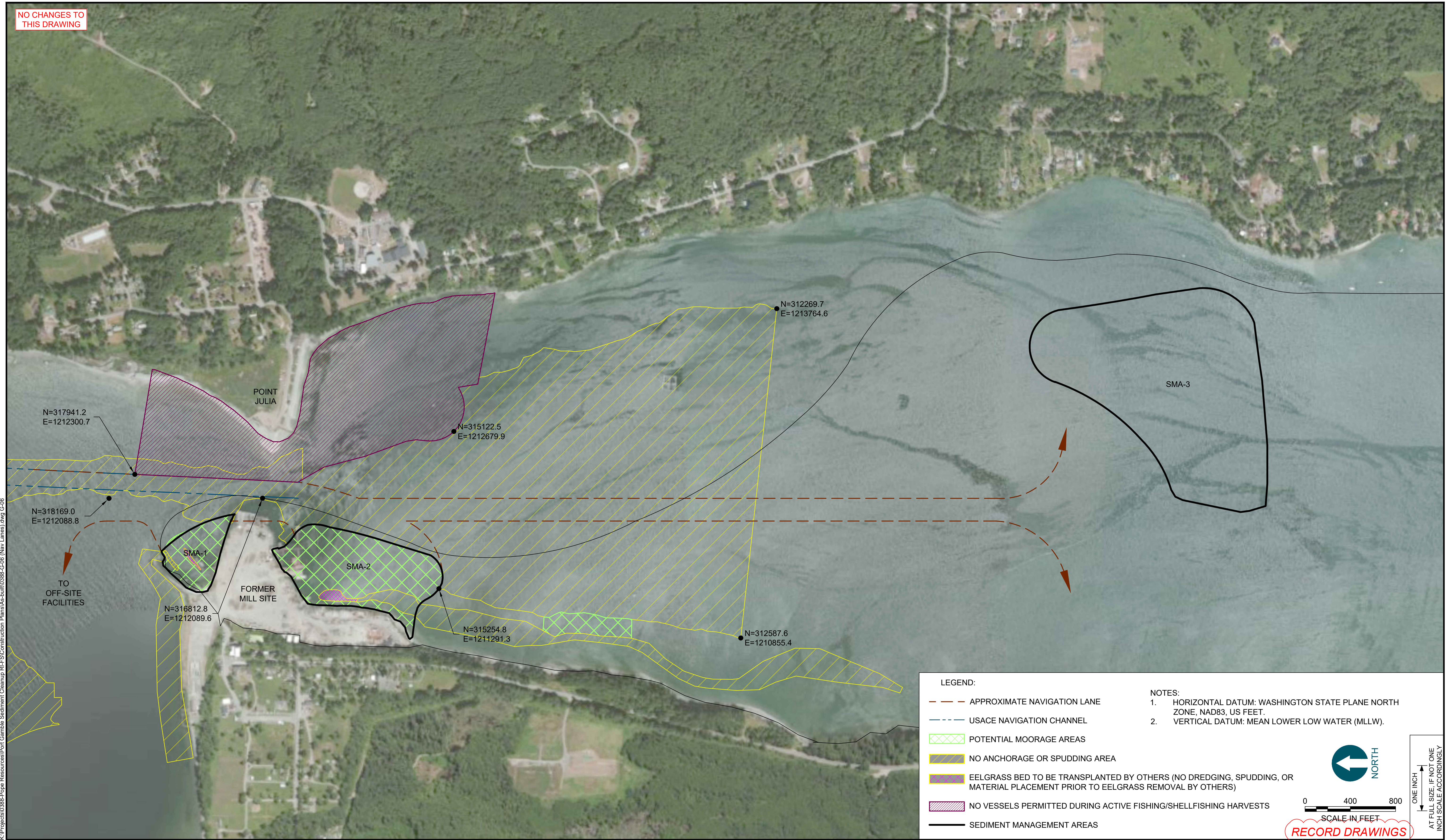
STAGING AND STOCKPILING

G-05

SHEET NO. 7 OF 24

K:\Projects\0388-Pope Resources\Port Gamble Sediment Cleanup RFP\Construction Plans\As-Built\0388-C-04 (Staging and access).dwg G-05
 Jan 04, 2018 9:51am chevet

NO CHANGES TO THIS DRAWING



K:\Projects\0388-Pope Resources\Port Gamble Sediment Cleanup RFP\Construction Plans\As-built\0388-C-06 (Nat. Lanes).dwg G-06
Jan 04, 2018 9:51am chewet

LEGEND:

- - - - - APPROXIMATE NAVIGATION LANE
- - - - - USACE NAVIGATION CHANNEL
- ▨ POTENTIAL MOORAGE AREAS
- ▨ NO ANCHORAGE OR SPUDDING AREA
- ▨ EELGRASS BED TO BE TRANSPLANTED BY OTHERS (NO DREDGING, SPUDDING, OR MATERIAL PLACEMENT PRIOR TO EELGRASS REMOVAL BY OTHERS)
- ▨ NO VESSELS PERMITTED DURING ACTIVE FISHING/SHELLFISHING HARVESTS
- ▬ SEDIMENT MANAGEMENT AREAS

NOTES:

- HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
- VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).

SCALE IN FEET: 0 400 800

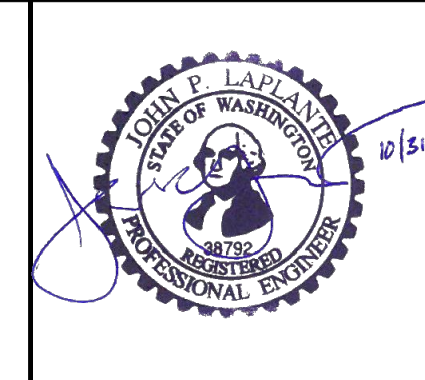
SCALE: 1" = 400'

DATE: OCTOBER 2017

RECORD DRAWINGS



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1	11/8/2017	CH	JL	RECORD DRAWINGS

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 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 400'
 DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

VESEL NAVIGATION LANES

G-06

SHEET NO. 8 OF 24



PHOTO 1: LOG TRANSFER DOCK



PHOTO 2: EASTERN WHARF



PHOTO 3: CONVEYOR/PIER (FROM BING MAPS IMAGERY)



PHOTO 4: ALDER CHIP MILL

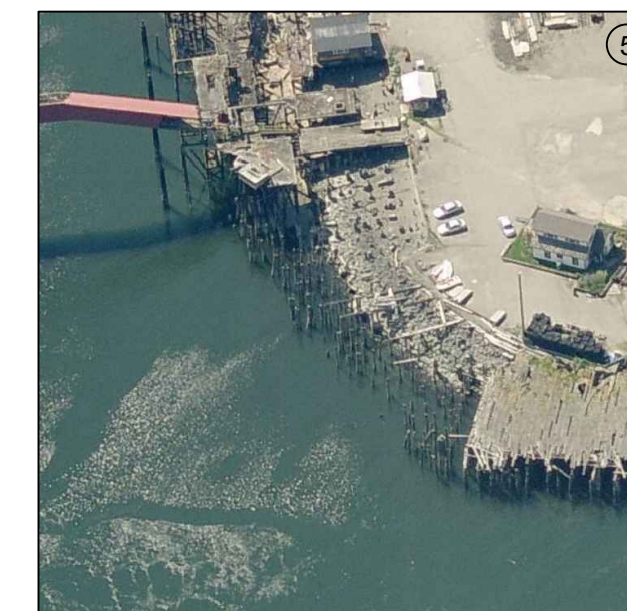


PHOTO 5: SHORELINE BETWEEN WHARF AND ALDER CHIP MILL



PHOTO 6: PIER 4

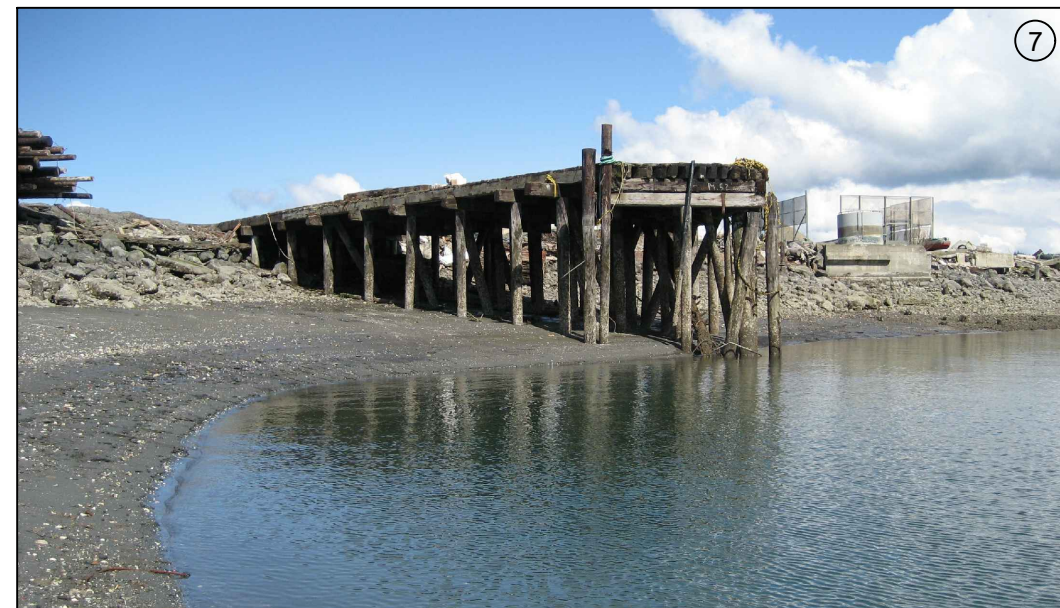


PHOTO 7: PIER 5 AND SHORELINE BULKHEADS

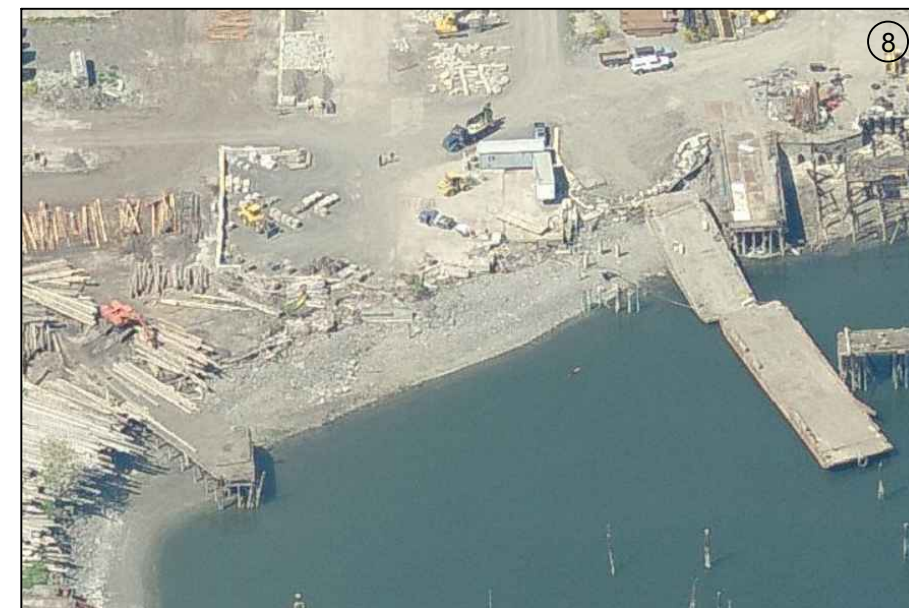


PHOTO 8: PIER 4 AND PIER 5

NOTES:

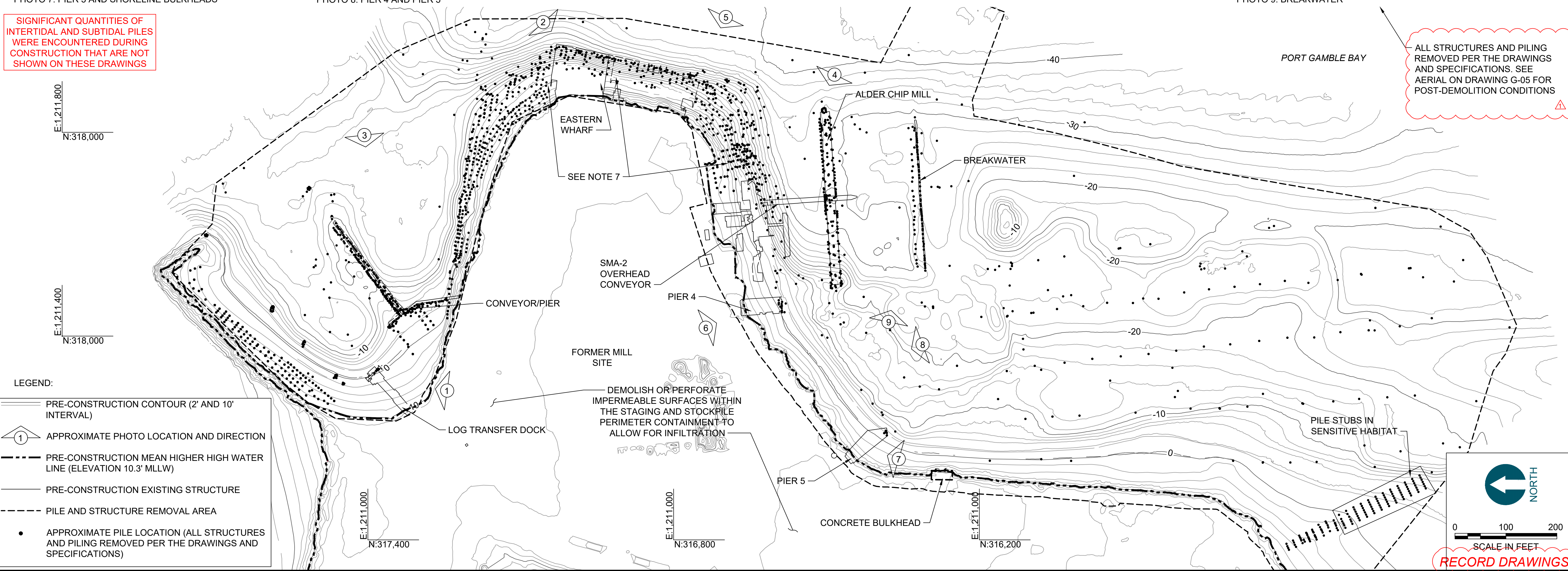
1. DEMOLISH AND DISPOSE ALL CREOSOTE DECKING, TIMBER STRUCTURES AND BULKHEADS. CONCRETE AND METAL MATERIAL MAY BE SALVAGED AND REUSED PER THE SPECIFICATIONS.
2. EXTRACT ALL CREOSOTE PILING PER THE SPECIFICATIONS OR AS APPROVED BY ECOLOGY.
3. PILE LOCATIONS ARE APPROXIMATE AND WERE DEVELOPED FROM BATHYMETRIC SURVEYS, AERIAL PHOTOGRAPHS, VISUAL OBSERVATIONS AND TEST PITS, AND PRIOR DREDGING EXPERIENCE AT THE SITE, AND MAY NOT REPRESENT THE TOTAL PILING ENCOUNTERED DURING THE CLEANUP WORK.
4. CONTAIN ALL DEBRIS DURING DEMOLITION WITH A FLOATING BOOM.
5. DO NOT CUT PILES WHILE ON THE WATER. PILES THAT NEED TO BE RE-SIZED AFTER PULLING SHALL ONLY BE CUT ON THE UPLAND PROPERTY.
6. DEMOLISH OR PERFORATE IMPERMEABLE SURFACES WITHIN THE STAGING AND STOCKPILE PERIMETER CONTAINMENT TO ALLOW FOR INFILTRATION OF INTERSTITIAL WATER FROM SEDIMENTS AND RAINFALL.
7. REMOVE SURFICIAL CONCRETE AND ASPHALT DEBRIS FROM INTERTIDAL AREAS DURING PILE DEMOLITION.
8. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
9. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).



PHOTO 9: BREAKWATER

SIGNIFICANT QUANTITIES OF INTERTIDAL AND SUBTIDAL PILES WERE ENCOUNTERED DURING CONSTRUCTION THAT ARE NOT SHOWN ON THESE DRAWINGS

ALL STRUCTURES AND PILING REMOVED PER THE DRAWINGS AND SPECIFICATIONS. SEE AERIAL ON DRAWING G-05 FOR POST-DEMOLITION CONDITIONS



LEGEND:

- PRE-CONSTRUCTION CONTOUR (2' AND 10' INTERVAL)
- ① APPROXIMATE PHOTO LOCATION AND DIRECTION
- - - PRE-CONSTRUCTION MEAN HIGHER HIGH WATER LINE (ELEVATION 10.3' MLLW)
- PRE-CONSTRUCTION EXISTING STRUCTURE
- - - PILE AND STRUCTURE REMOVAL AREA
- APPROXIMATE PILE LOCATION (ALL STRUCTURES AND PILING REMOVED PER THE DRAWINGS AND SPECIFICATIONS)

NORTH

 0 100 200

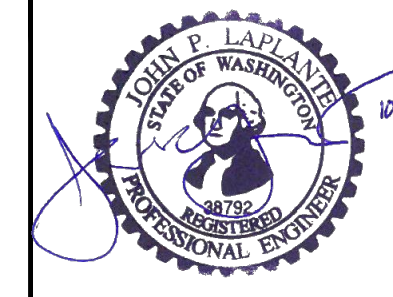
 SCALE IN FEET

RECORD DRAWINGS

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1	11/8/2017	CH	JL	RECORD DRAWINGS

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 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 100'
 DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

**DEMOLITION PLAN (1 OF 2)
STRUCTURES AND PILING**

D-01

SHEET NO. 9 OF 24

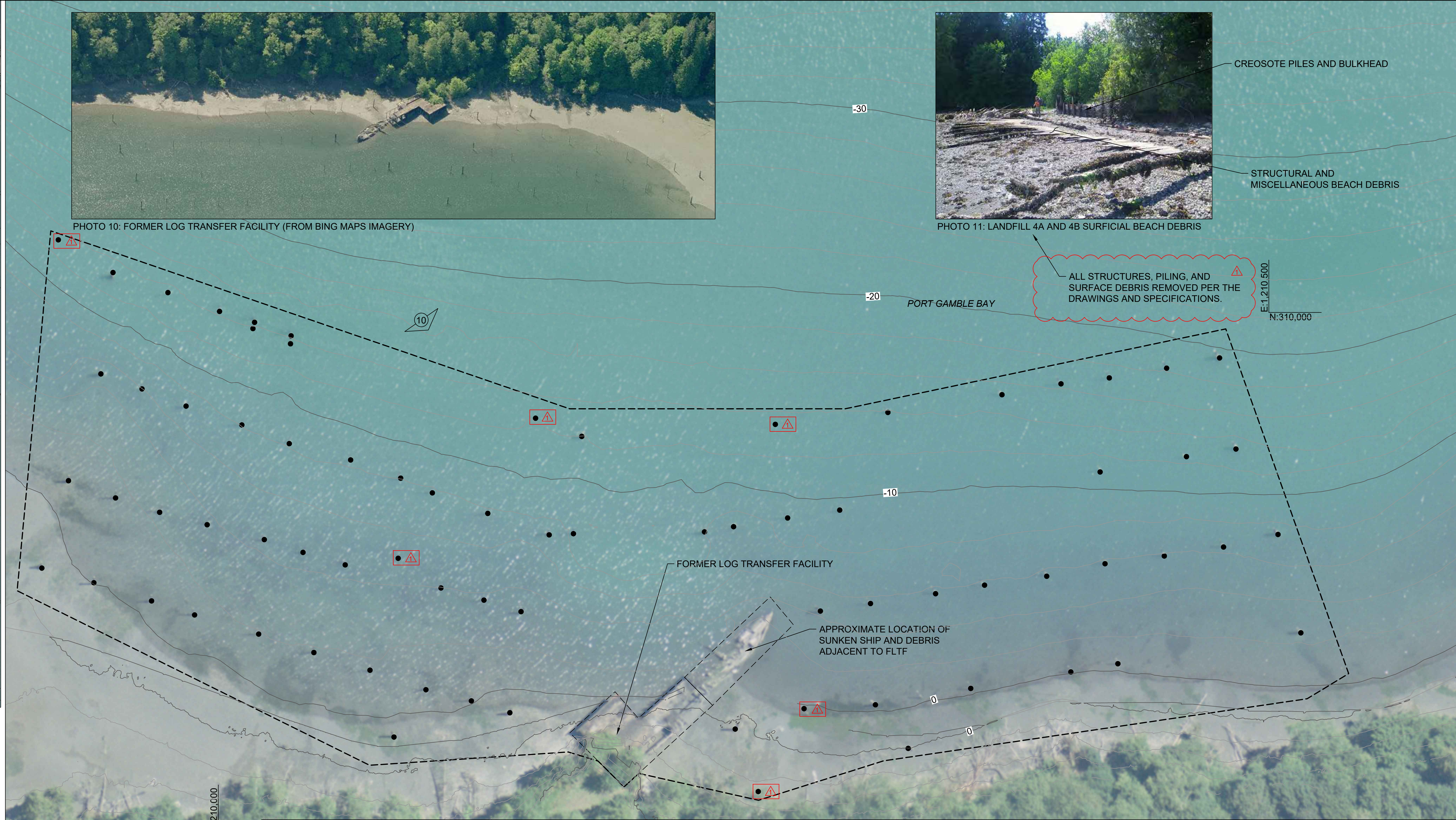
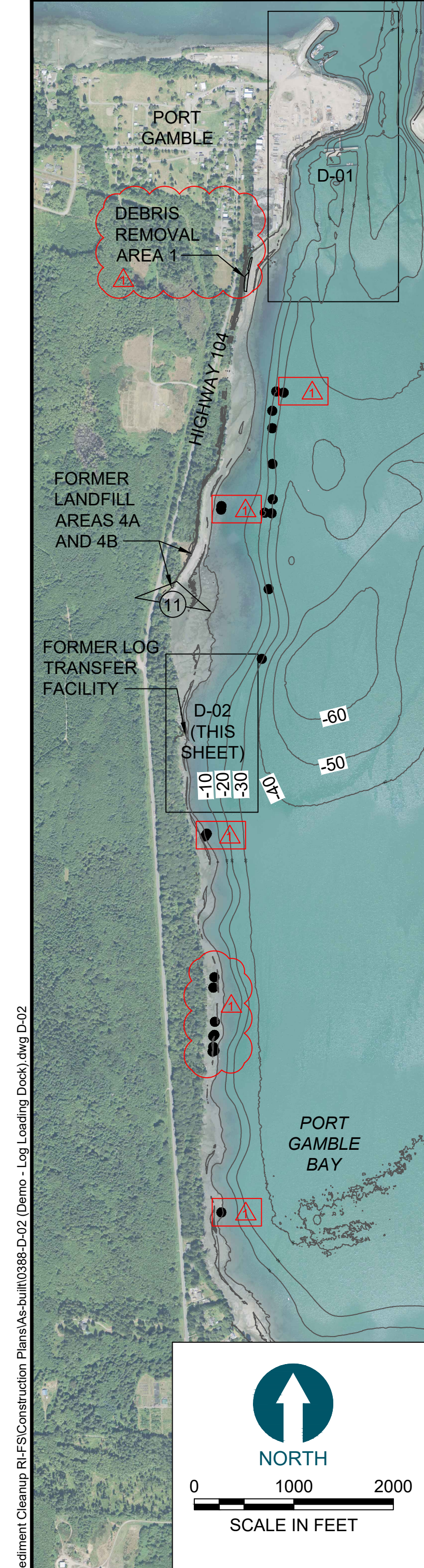


PHOTO 10: FORMER LOG TRANSFER FACILITY (FROM BING MAPS IMAGERY)



PHOTO 11: LANDFILL 4A AND 4B SURFICIAL BEACH DEBRIS

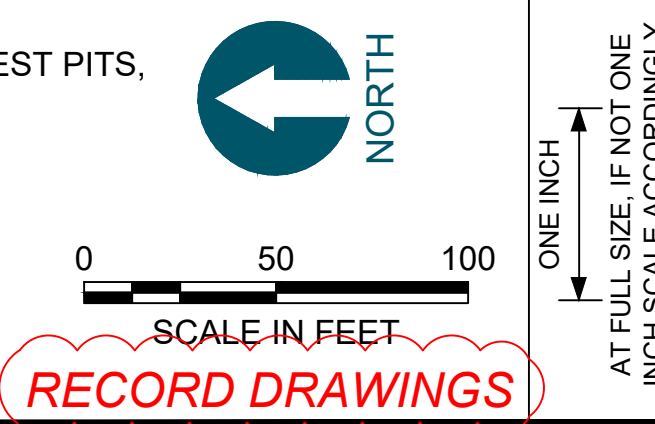
CREOSOTE PILES AND BULKHEAD
STRUCTURAL AND MISCELLANEOUS BEACH DEBRIS

ALL STRUCTURES, PILING, AND SURFACE DEBRIS REMOVED PER THE DRAWINGS AND SPECIFICATIONS.

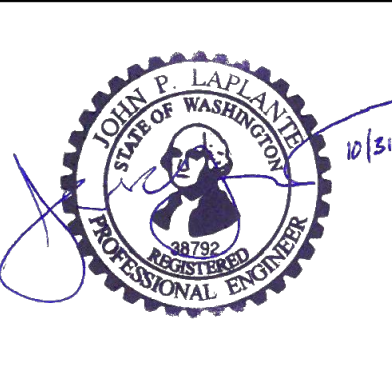
SIGNIFICANT QUANTITIES OF INTERTIDAL AND SUBTIDAL PILES WERE ENCOUNTERED DURING CONSTRUCTION THAT ARE NOT SHOWN ON THESE DRAWINGS. REVISION CLOUD AROUND PILES INDICATES ADDITIONAL PILING TARGET LOCATIONS ADDED BY DEPARTMENT OF ECOLOGY.

- LEGEND:
- PILE AND STRUCTURE REMOVAL AREA
 - APPROXIMATE PILE LOCATION (ALL STRUCTURES AND PILING REMOVED PER THE PLANS AND SPECIFICATIONS)
 - PRE-CONSTRUCTION CONTOUR (2' AND 10' INTERVAL)

- NOTES:
1. DEMOLISH AND DISPOSE ALL CREOSOTE DECKING, TIMBER STRUCTURES AND BULKHEADS. CONCRETE AND METAL MATERIAL MAY BE SALVAGED AND REUSED PER THE SPECIFICATIONS.
 2. EXTRACT ALL CREOSOTE PILING PER THE SPECIFICATIONS OR AS APPROVED BY ECOLOGY.
 3. PILE LOCATIONS ARE APPROXIMATE AND WERE DEVELOPED FROM BATHYMETRIC SURVEYS, AERIAL PHOTOGRAPHS, VISUAL OBSERVATIONS AND TEST PITS, AND PRIOR DREDGING EXPERIENCE AT THE SITE, AND MAY NOT REPRESENT THE TOTAL PILING ENCOUNTERED DURING THE CLEANUP WORK.
 4. CONTAIN ALL DEBRIS DURING DEMOLITION WITH A FLOATING BOOM.
 5. DO NOT CUT PILES WHILE ON THE WATER. PILES THAT NEED TO BE RE-SIZED AFTER PULLING SHALL ONLY BE CUT ON THE UPLAND PROPERTY.
 6. REMOVE AND DISPOSE SUNKEN SHIP AND RELATED DEBRIS ADJACENT TO THE FORMER LOG TRANSFER FACILITY.
 7. REMOVE AND DISPOSE ALL SURFICIAL BEACH DEBRIS, CREOSOTE TIMBER, AND PILING WITHIN FORMER LANDFILL 4A AND 4B BEACH AREAS.
 8. BATHYMETRY FROM ETRAC, DATED AUGUST 27, 2014, AND ECOLOGY, DATED MARCH 2015.
 9. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
 10. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).



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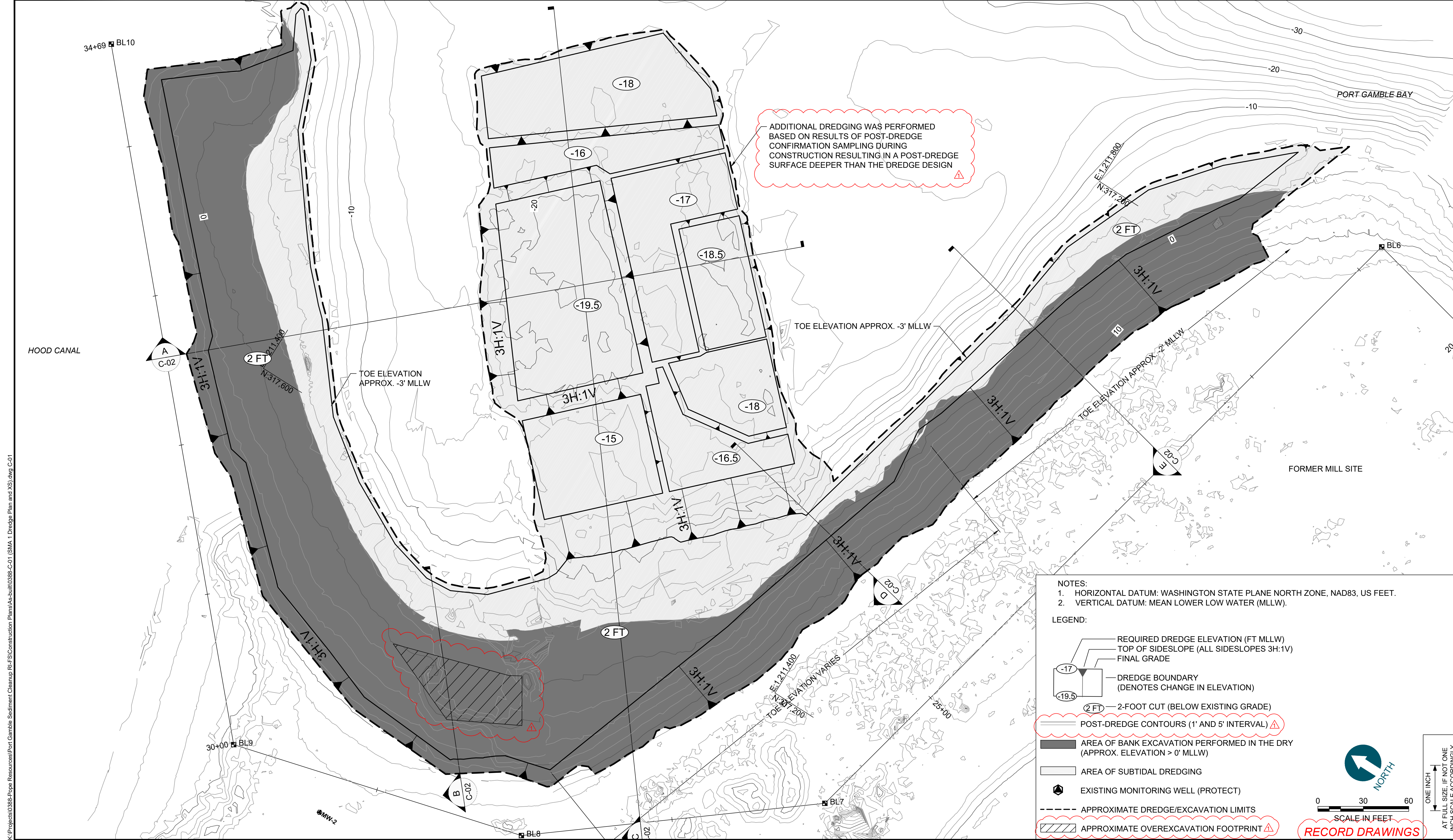
REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION
1	11/6/2017	CH	JL	RECORD DRAWINGS

DESIGNED BY: R. PICKERING
DRAWN BY: C. HEWETT
CHECKED BY: J. LAPLANTE
APPROVED BY: J. LAPLANTE
SCALE: 1" = 50'
DATE: OCTOBER 2017

PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS
DEMOLITION PLAN (2 OF 2)
STRUCTURES AND PILING

D-02
SHEET NO. 10 OF 24

K:\Projects\0388-Pope Resources\Port Gamble Sediment Cleanup RFP\Construction Plans\As-Built\0388-D-02 (Demo - Log Loading Dock).dwg D-02 Jan 04, 2018 9:52am chewett



ADDITIONAL DREDGING WAS PERFORMED BASED ON RESULTS OF POST-DREDGE CONFIRMATION SAMPLING DURING CONSTRUCTION RESULTING IN A POST-DREDGE SURFACE DEEPER THAN THE DREDGE DESIGN

- NOTES:
- HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
 - VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).

- LEGEND:
- REQUIRED DREDGE ELEVATION (FT MLLW)
 - TOP OF SIDESLOPE (ALL SIDESLOPES 3H:1V)
 - FINAL GRADE
 - DREDGE BOUNDARY (DENOTES CHANGE IN ELEVATION)
 - (2 FT) — 2-FOOT CUT (BELOW EXISTING GRADE)
 - POST-DREDGE CONTOURS (1' AND 5' INTERVAL)
 - AREA OF BANK EXCAVATION PERFORMED IN THE DRY (APPROX. ELEVATION > 0' MLLW)
 - AREA OF SUBTIDAL DREDGING
 - EXISTING MONITORING WELL (PROTECT)
 - APPROXIMATE DREDGE/EXCAVATION LIMITS
 - APPROXIMATE OVEREXCAVATION FOOTPRINT

SCALE IN FEET
0 30 60

SCALE: 1" = 30'

DATE: OCTOBER 2017

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

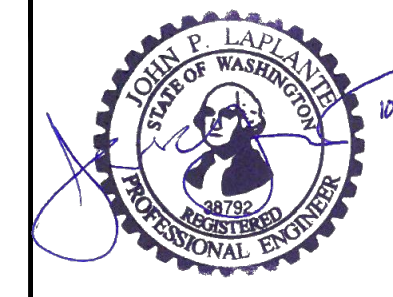
NORTH

RECORD DRAWINGS

K:\Projects\0388-Pope Resources\Port Gamble Sediment Cleanup RFP\Construction Plans\As-built\0388-C-01 (SMA-1) Dredge Plan and XS.dwg C-01



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 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 30'
 DATE: OCTOBER 2017

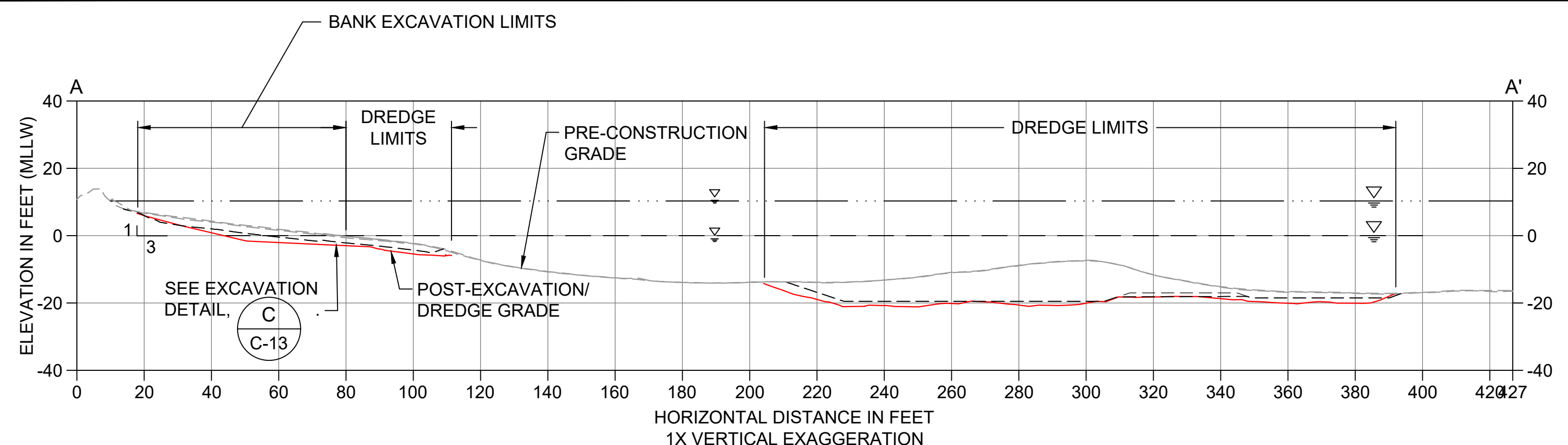
**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

**POST-DREDGE/EXCAVATION PLAN
(SMA-1)**

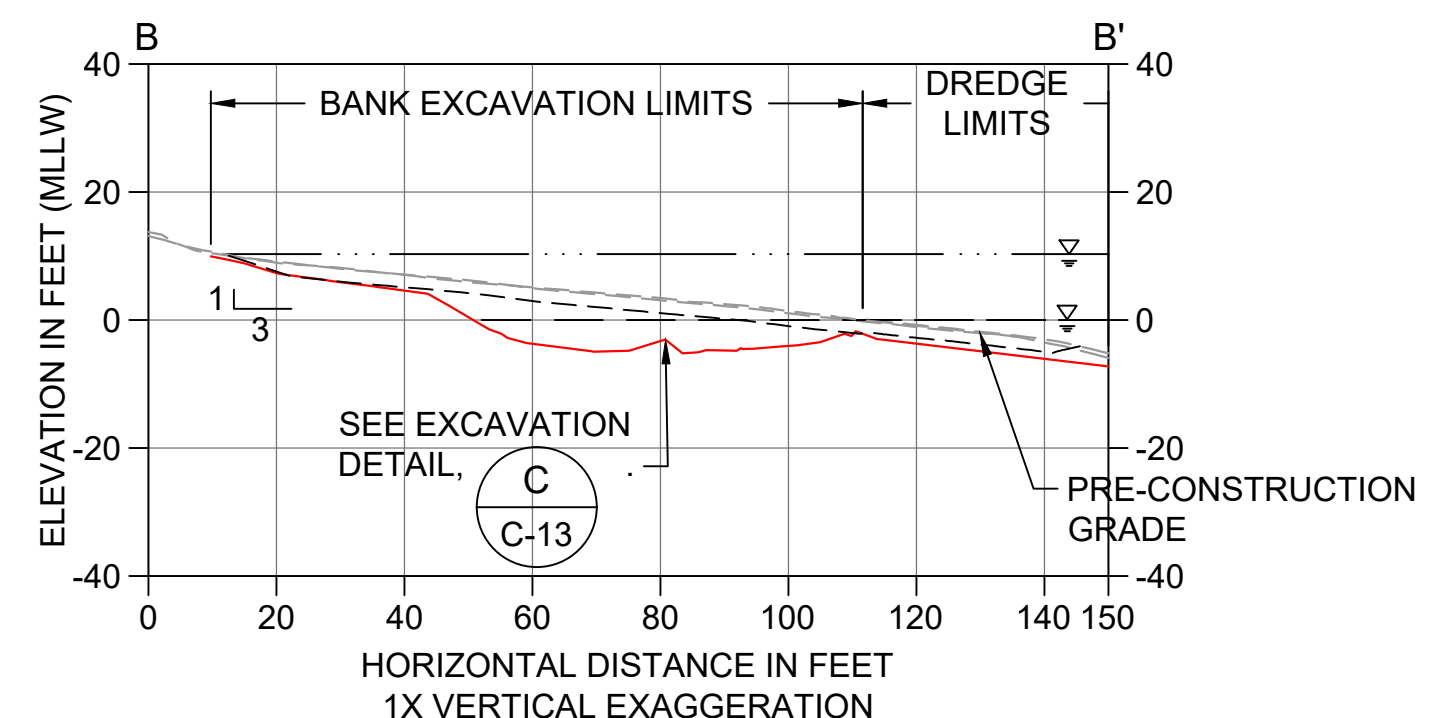
C-01

SHEET NO. 11 OF 24

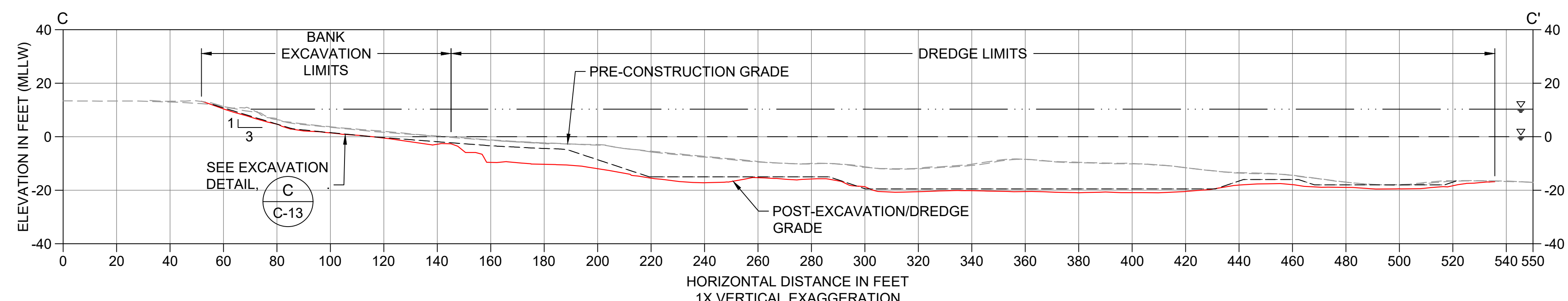
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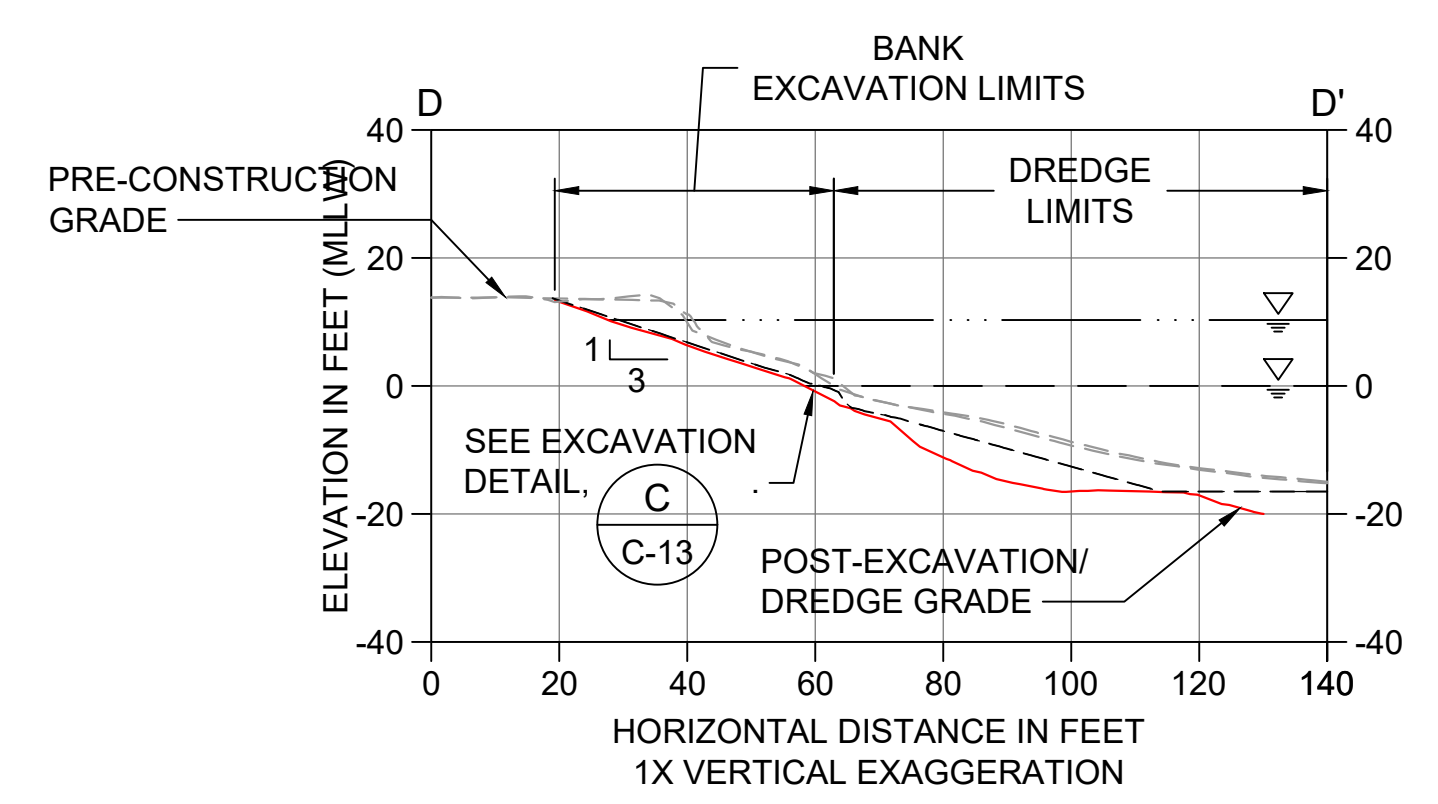
A DREDGE/EXCAVATION SECTION
C-01 SCALE: 1" = 30'



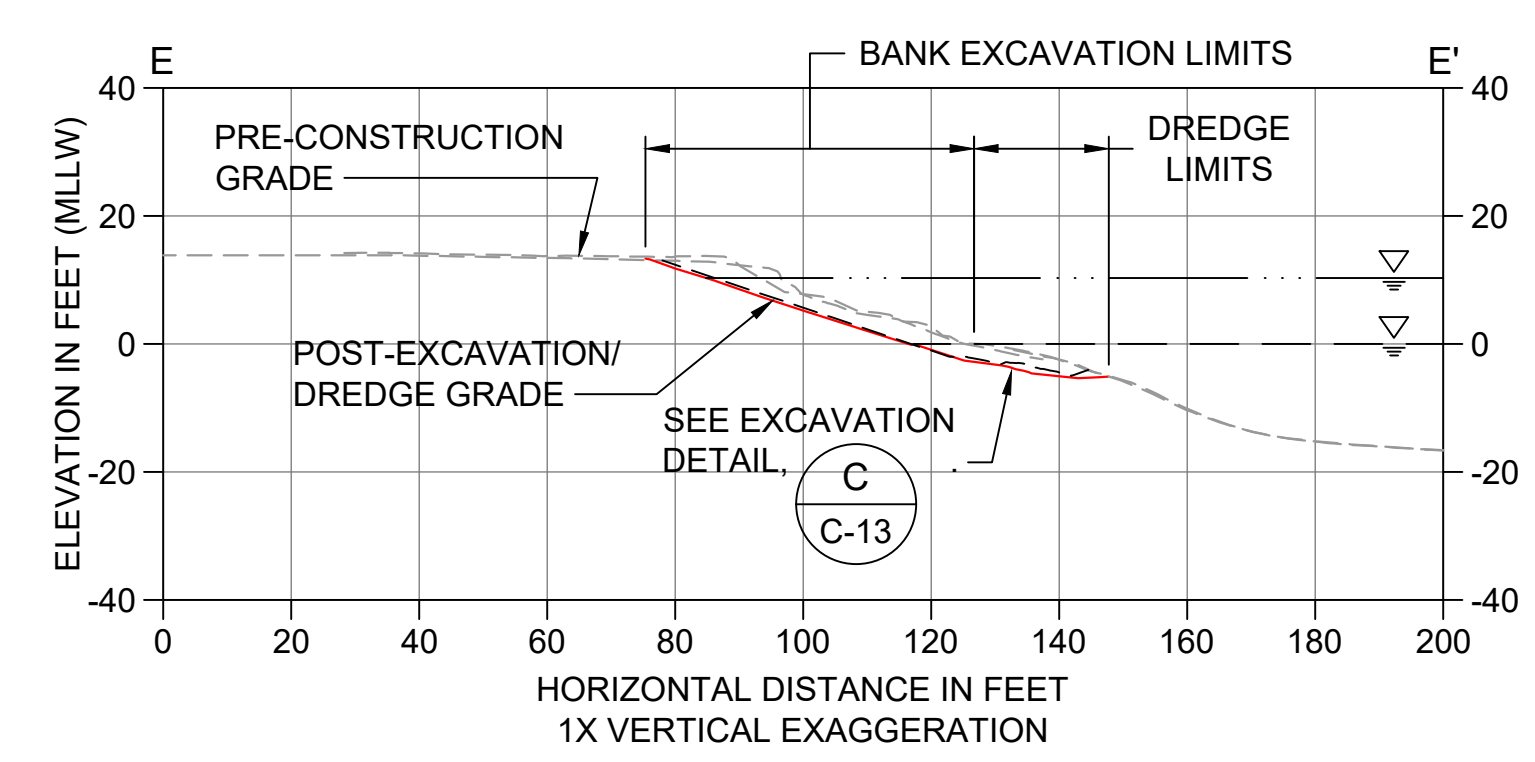
B DREDGE/EXCAVATION SECTION
C-01 SCALE: 1" = 30'



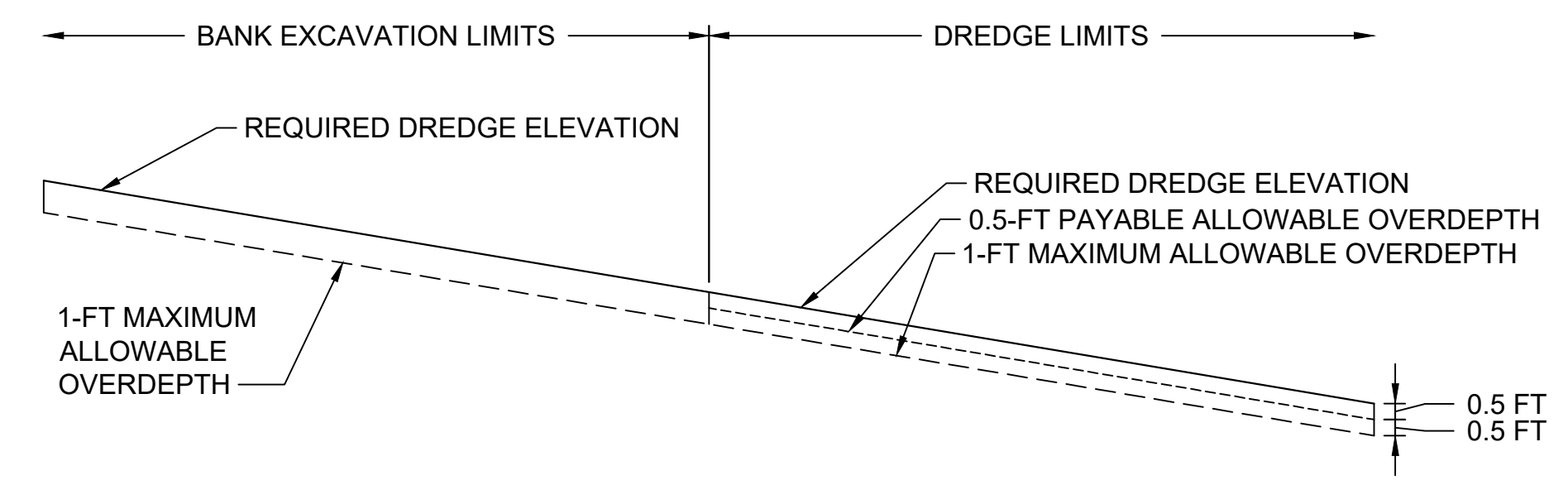
C DREDGE/EXCAVATION SECTION
C-01 SCALE: 1" = 30'



D DREDGE/EXCAVATION SECTION
C-01 SCALE: 1" = 30'

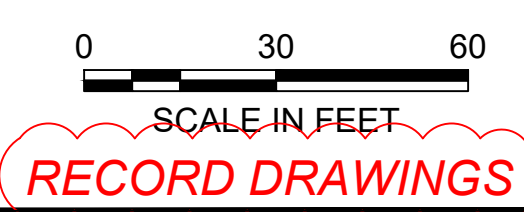


E DREDGE/EXCAVATION SECTION
C-01 SCALE: 1" = 30'



1 PAYABLE AND MAXIMUM ALLOWABLE OVERDEPTH DETAIL
SCALE: NTS

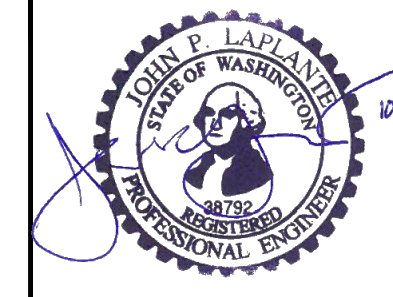
- LEGEND:**
- PRE-CONSTRUCTION GRADE
 - REQUIRED DREDGE ELEVATION
 - POST-EXCAVATION AND -DREDGE CONDITIONS
 - MEAN HIGHER HIGH WATER LINE (ELEVATION 10.3' MLLW)
 - MEAN LOWER LOW WATER LINE (ELEVATION 0.0' MLLW)



RECORD DRAWINGS



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1	11/8/2017	CH	JL	RECORD DRAWINGS

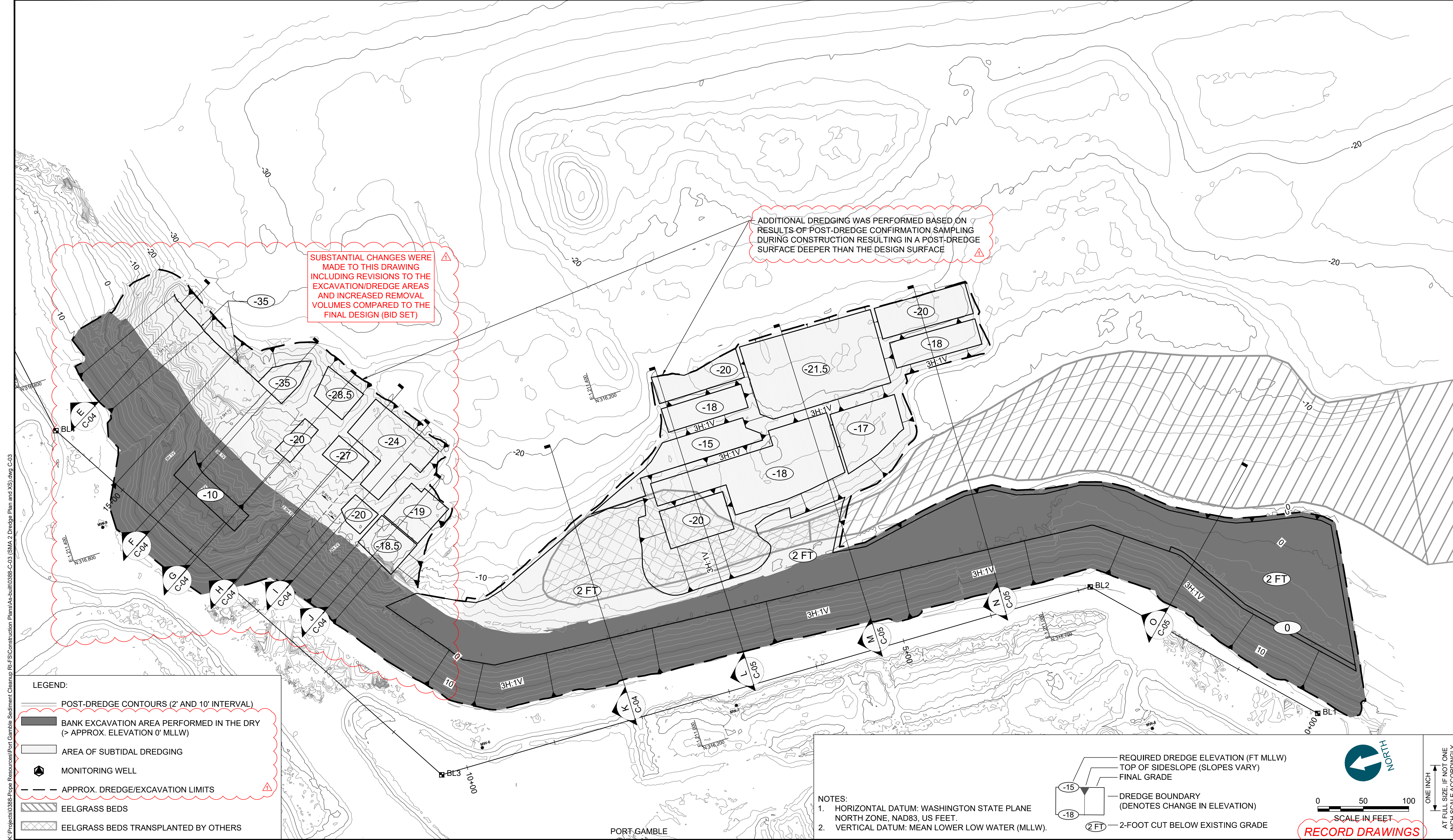
DESIGNED BY: R. PICKERING
 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 30'
 DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

**POST-DREDGE/EXCAVATION CROSS
SECTIONS (SMA-1)**

C-02

SHEET NO. 12 OF 24

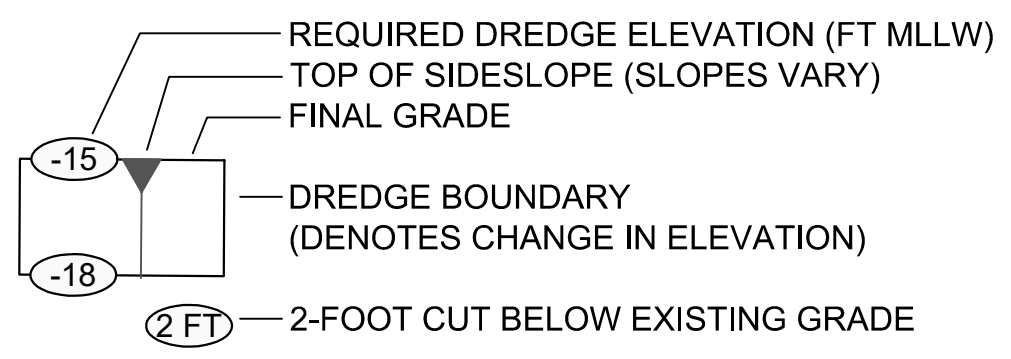


△
SUBSTANTIAL CHANGES WERE MADE TO THIS DRAWING INCLUDING REVISIONS TO THE EXCAVATION/DREDGE AREAS AND INCREASED REMOVAL VOLUMES COMPARED TO THE FINAL DESIGN (BID SET)

△
ADDITIONAL DREDGING WAS PERFORMED BASED ON RESULTS OF POST-DREDGE CONFIRMATION SAMPLING DURING CONSTRUCTION RESULTING IN A POST-DREDGE SURFACE DEEPER THAN THE DESIGN SURFACE

- LEGEND:**
- POST-DREDGE CONTOURS (2' AND 10' INTERVAL)
 - █ BANK EXCAVATION AREA PERFORMED IN THE DRY (> APPROX. ELEVATION 0' MLLW)
 - ▨ AREA OF SUBTIDAL DREDGING
 - MONITORING WELL
 - - - APPROX. DREDGE/EXCAVATION LIMITS
 - ▨ EELGRASS BEDS
 - ▨ EELGRASS BEDS TRANSPLANTED BY OTHERS

- NOTES:**
- HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
 - VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).



NORTH

0 50 100
SCALE IN FEET

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

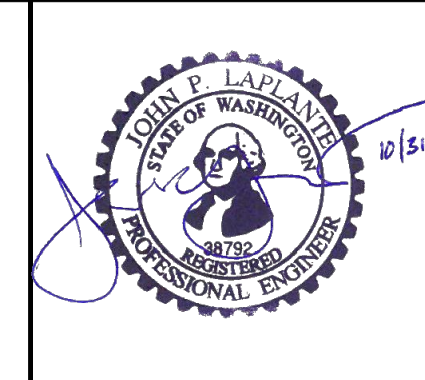
RECORD DRAWINGS

K:\Projects\03888-Pope Resources\Port Gamble\Sttlement Cleanup\RFI\Construction Plans\As-built\0388-C-03 (SMA-2) Dredge Plan and XSJ.dwg C-03
 Jan 04, 2018 9:54am chevett

PORT GAMBLE



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 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 50'
 DATE: OCTOBER 2017

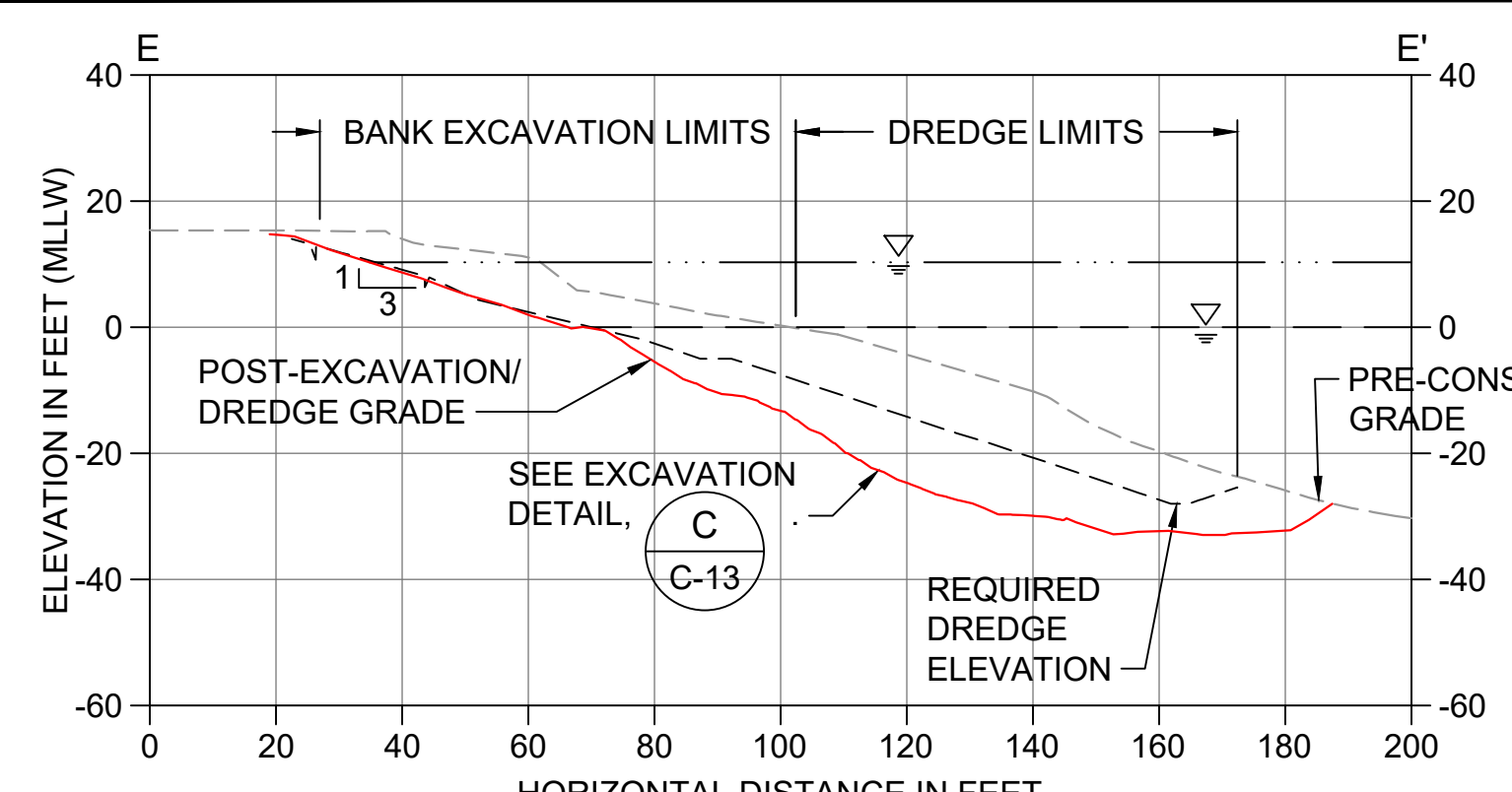
**PORT GAMBLE BAY CLEANUP
 RECORD DRAWINGS**

POST-DREDGE/EXCAVATION PLAN (SMA-2)

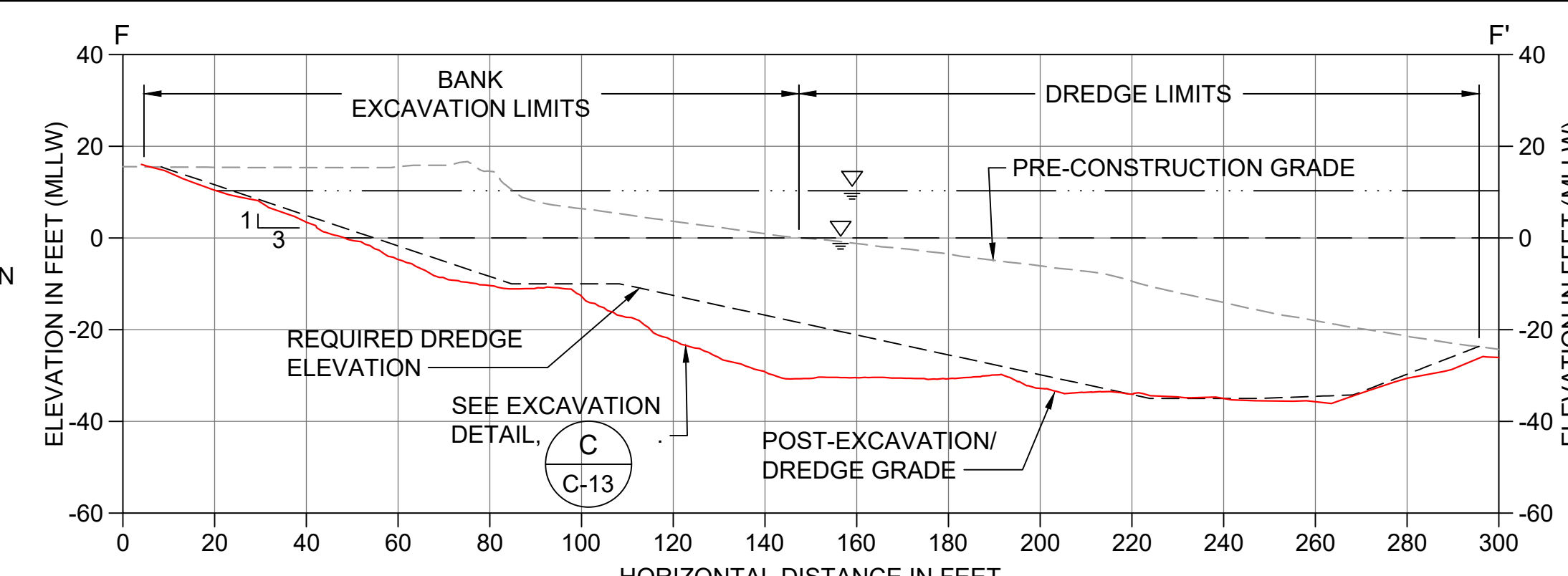
C-03

SHEET NO. 13 OF 24

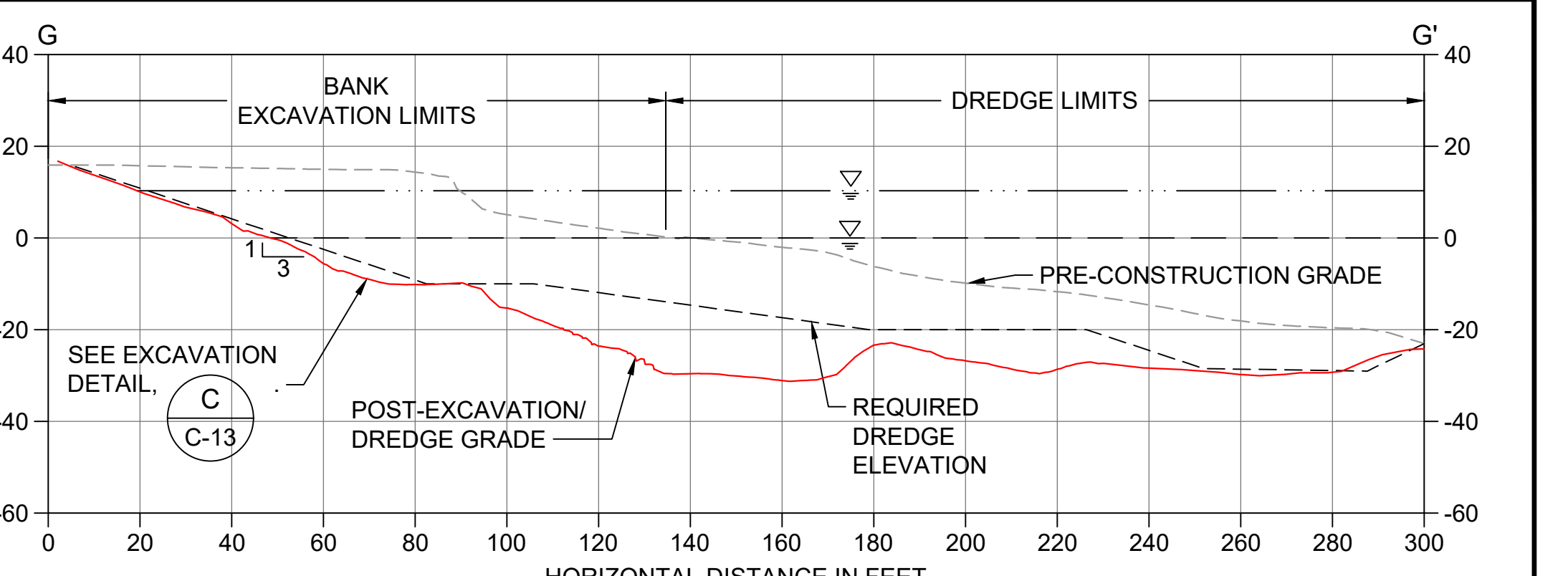
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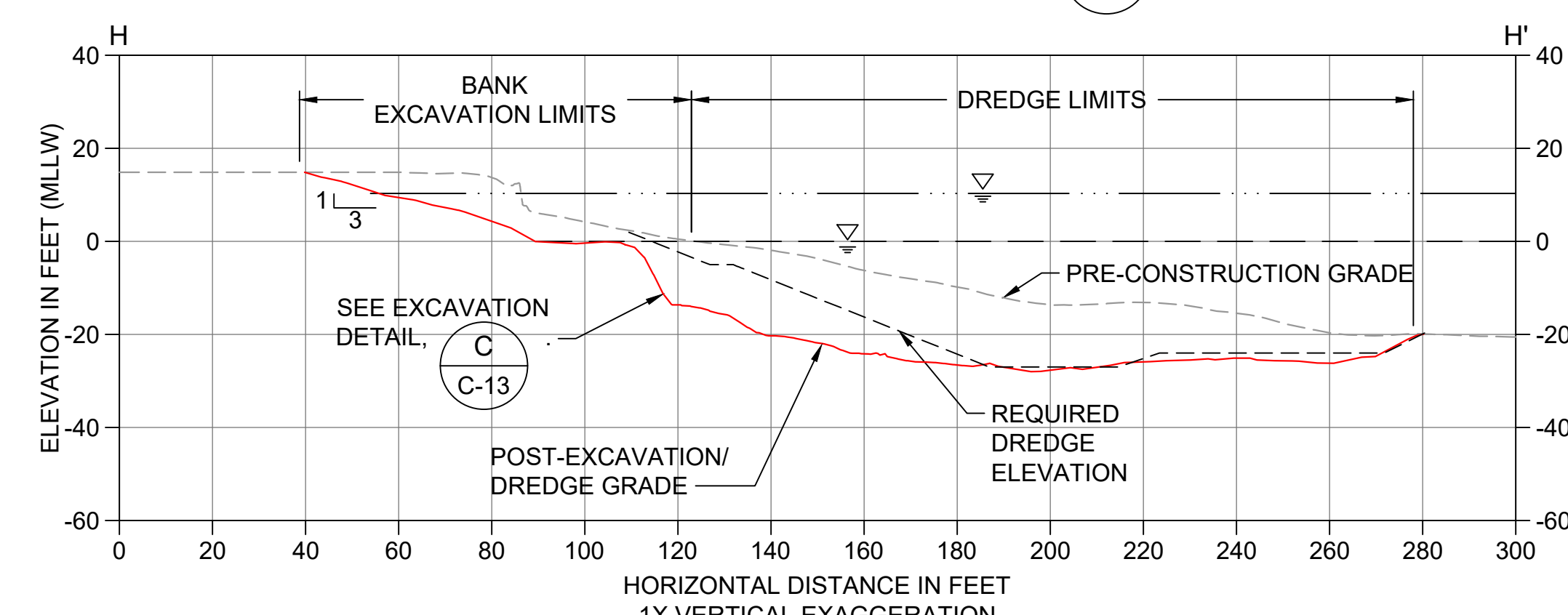
E DREDGE/EXCAVATION SECTION
C-03 SCALE: 1" = 30'



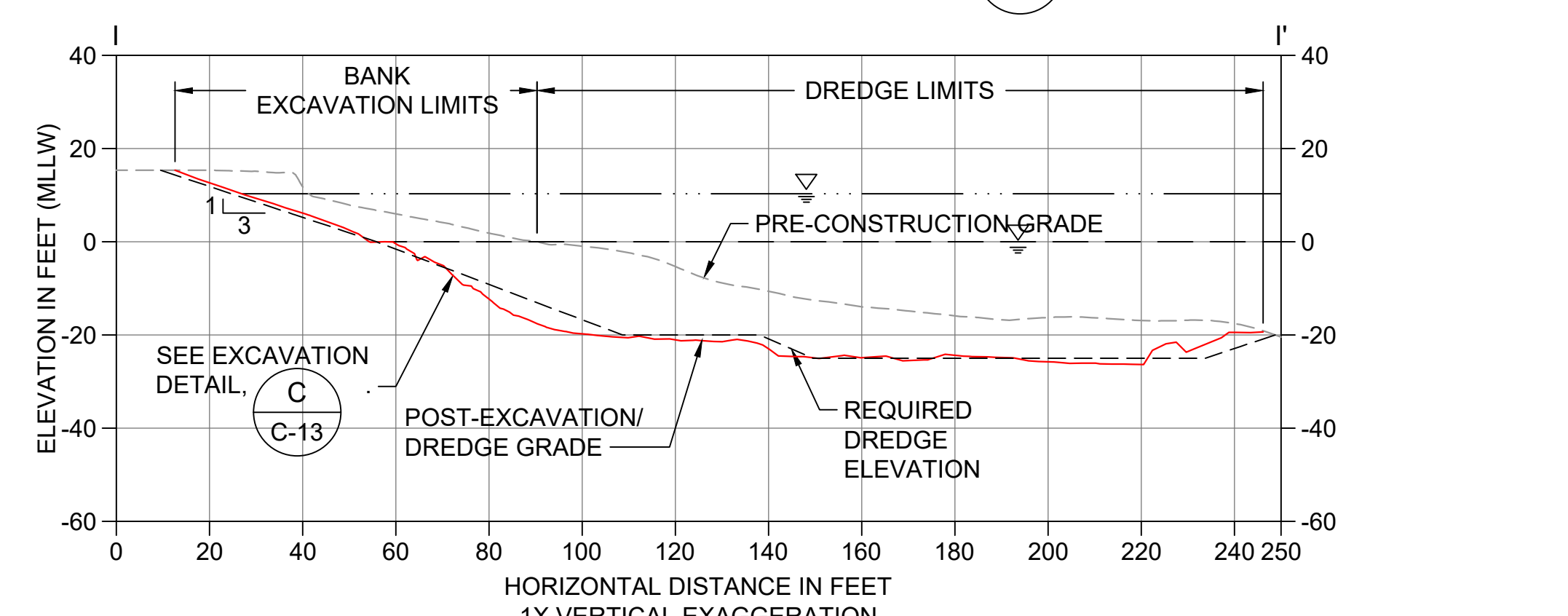
F DREDGE/EXCAVATION SECTION
C-03 SCALE: 1" = 30'



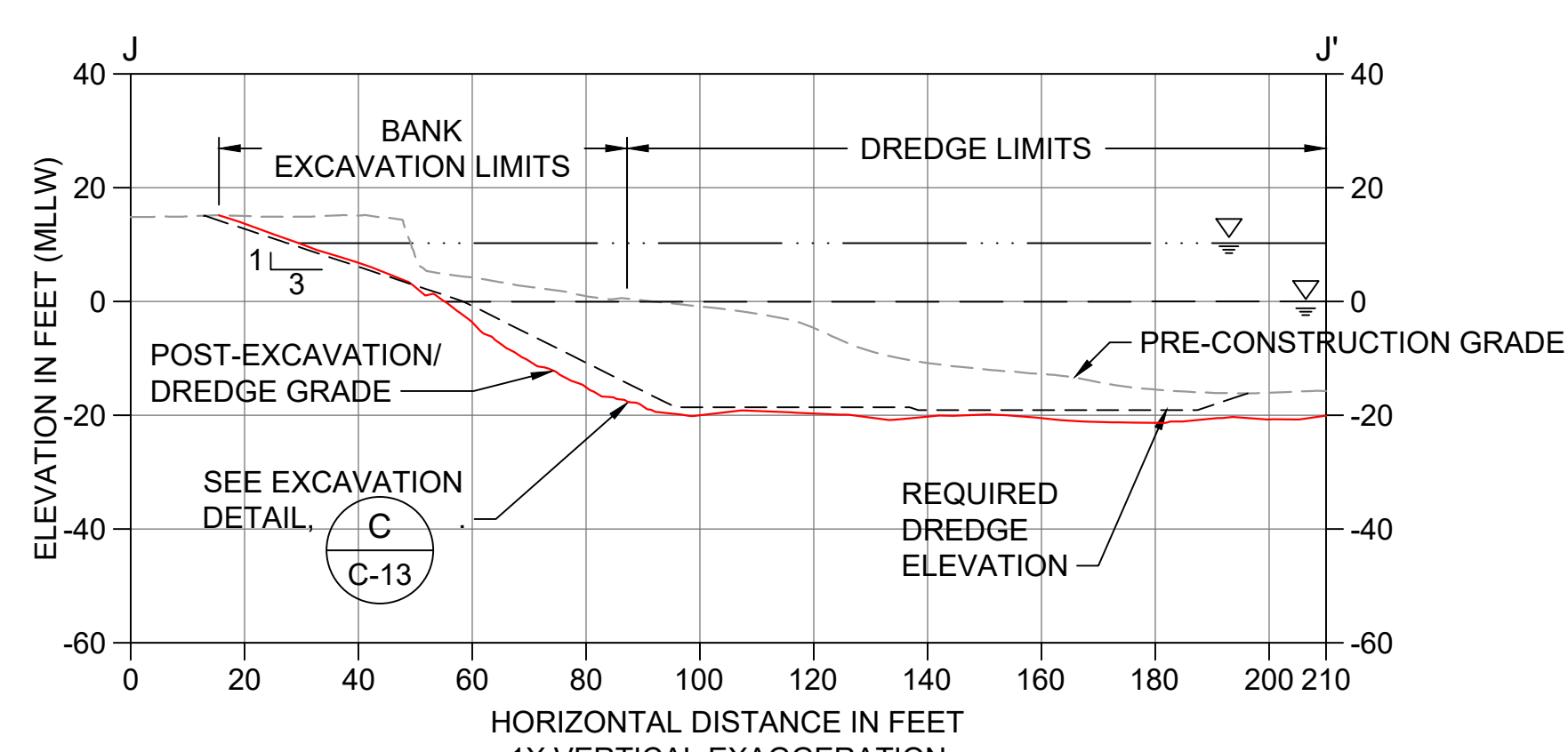
G DREDGE/EXCAVATION SECTION
C-03 SCALE: 1" = 30'



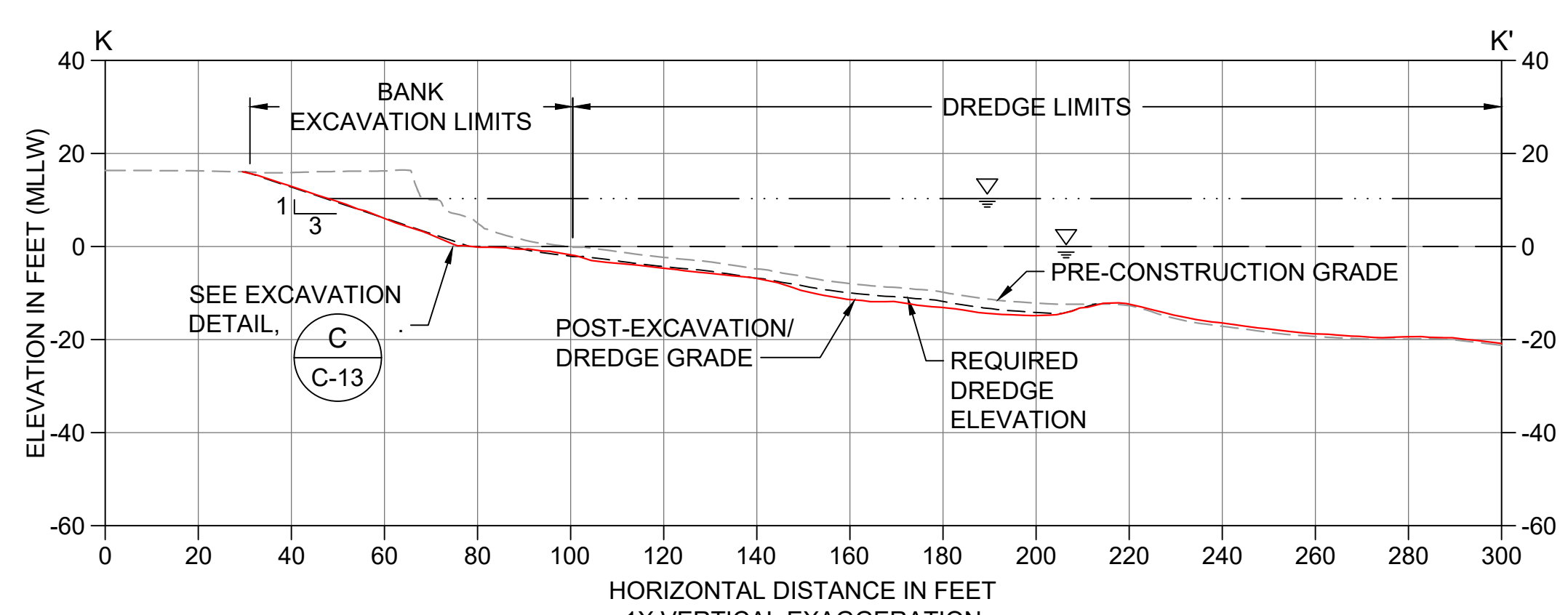
H DREDGE/EXCAVATION SECTION
C-03 SCALE: 1" = 30'



I DREDGE/EXCAVATION SECTION
C-03 SCALE: 1" = 30'



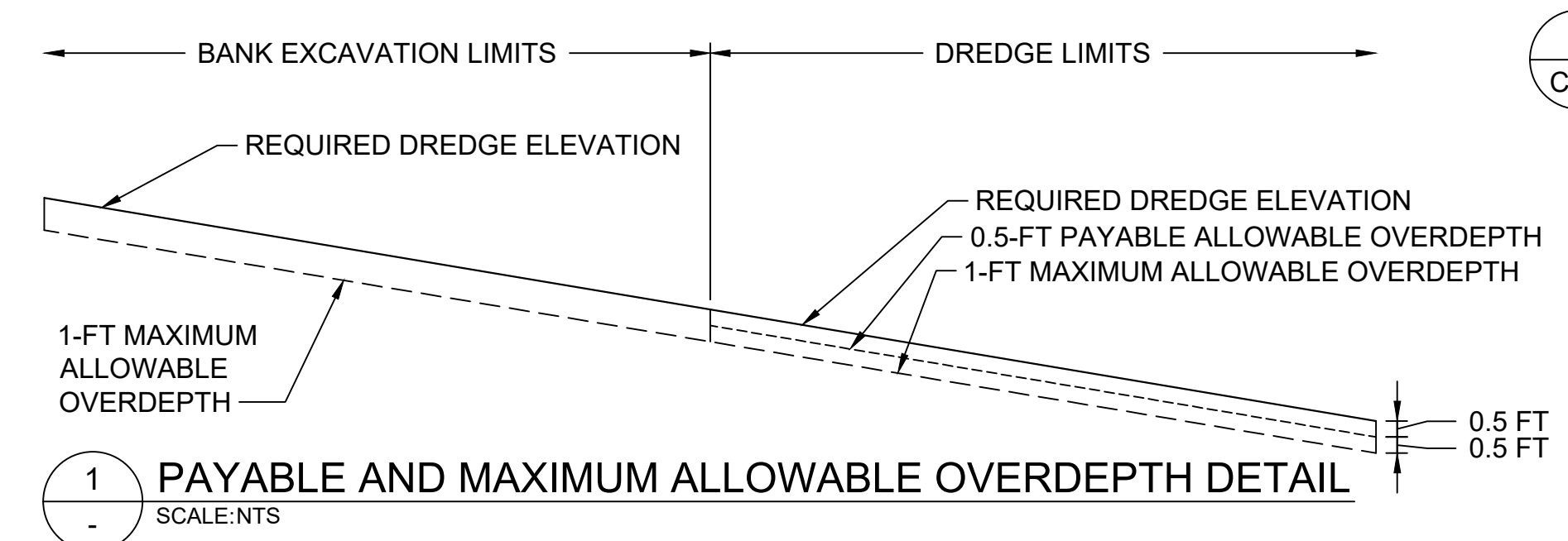
J DREDGE/EXCAVATION SECTION
C-03 SCALE: 1" = 30'



K DREDGE/EXCAVATION SECTION
C-03 SCALE: 1" = 30'

SUBSTANTIAL CHANGES WERE MADE TO THIS DRAWING INCLUDING REVISIONS TO THE EXCAVATION/DREDGE AREAS AND INCREASED REMOVAL VOLUMES COMPARED TO THE FINAL DESIGN (BID SET)

- LEGEND:**
- PRE-CONSTRUCTION GRADE
 - REQUIRED DREDGE ELEVATION
 - POST-DREDGE AND -EXCAVATION CONDITIONS
 - MEAN HIGHER HIGH WATER LINE (ELEVATION 10.3' MLLW)
 - MEAN LOWER LOW WATER LINE (ELEVATION 0.0' MLLW)

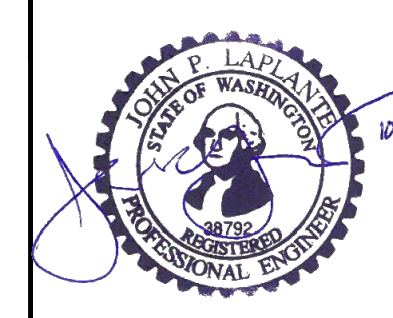


1 PAYABLE AND MAXIMUM ALLOWABLE OVERDEPTH DETAIL
SCALE: NTS

0 30 60
SCALE IN FEET
RECORD DRAWINGS



POPE RESOURCES LP / OPG PROPERTIES LLC



REVISIONS				
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1	11/8/2017	CH	JL	RECORD DRAWINGS

DESIGNED BY: R. PICKERING
DRAWN BY: C. HEWETT
CHECKED BY: J. LAPLANTE
APPROVED BY: J. LAPLANTE
SCALE: 1" = 30'
DATE: OCTOBER 2017

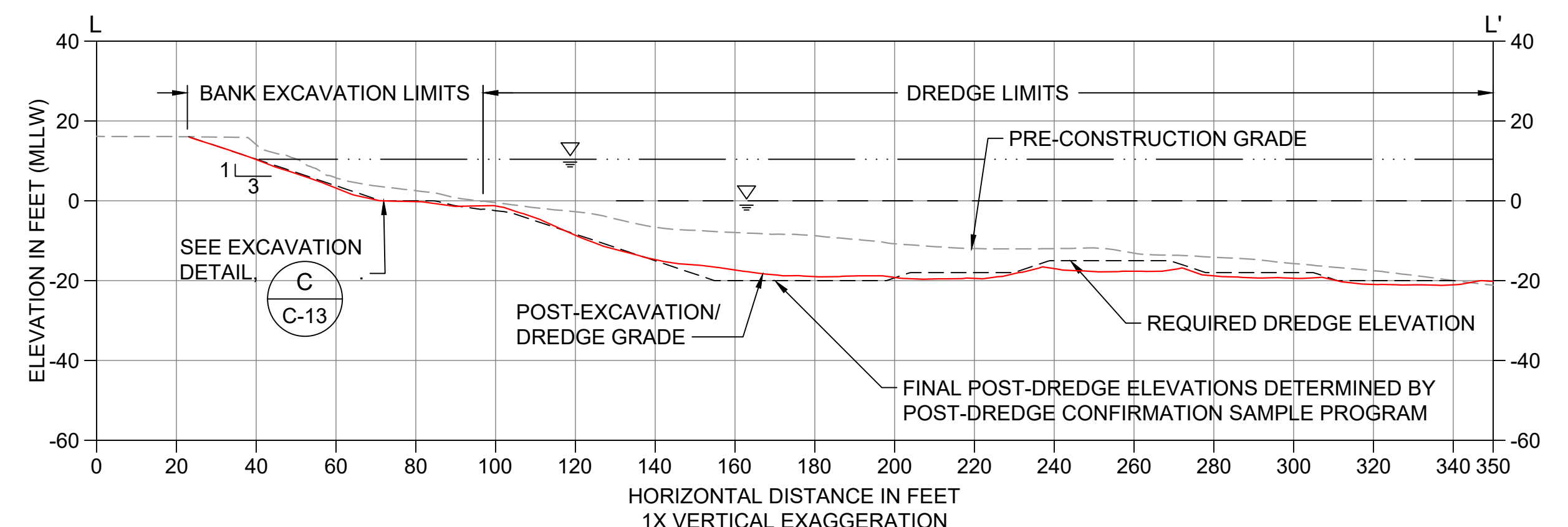
**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

**POST-DREDGE/EXCAVATION CROSS SECTIONS
(SMA-2) 1 OF 2**

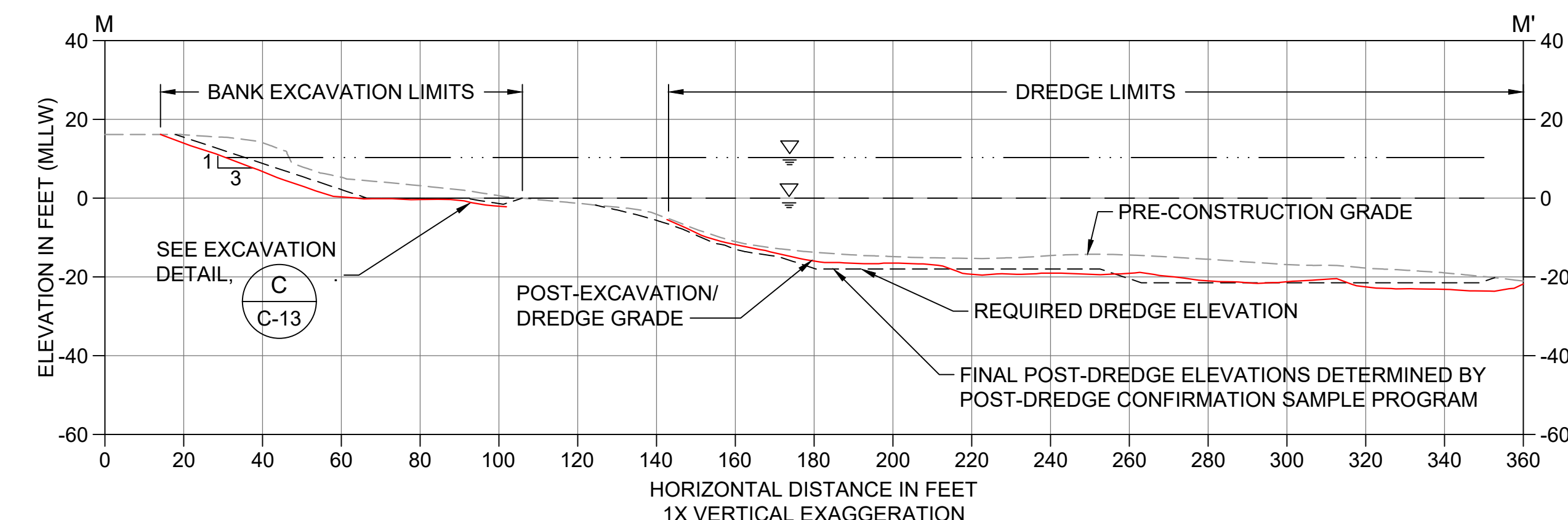
C-04

SHEET NO. 14 OF 24

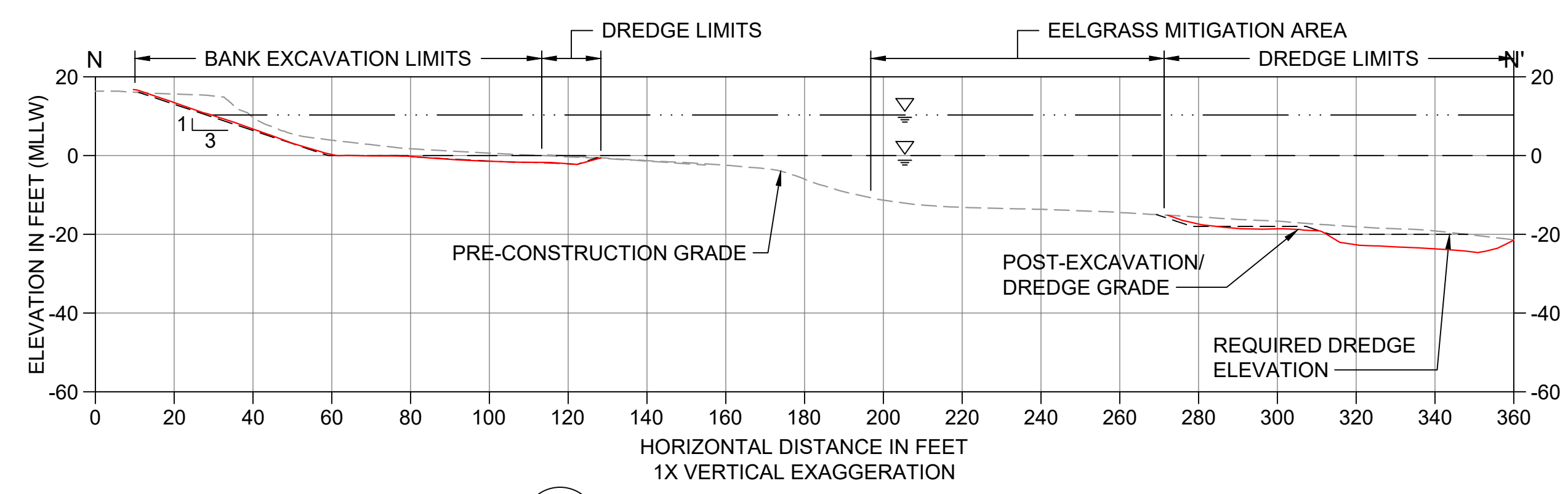
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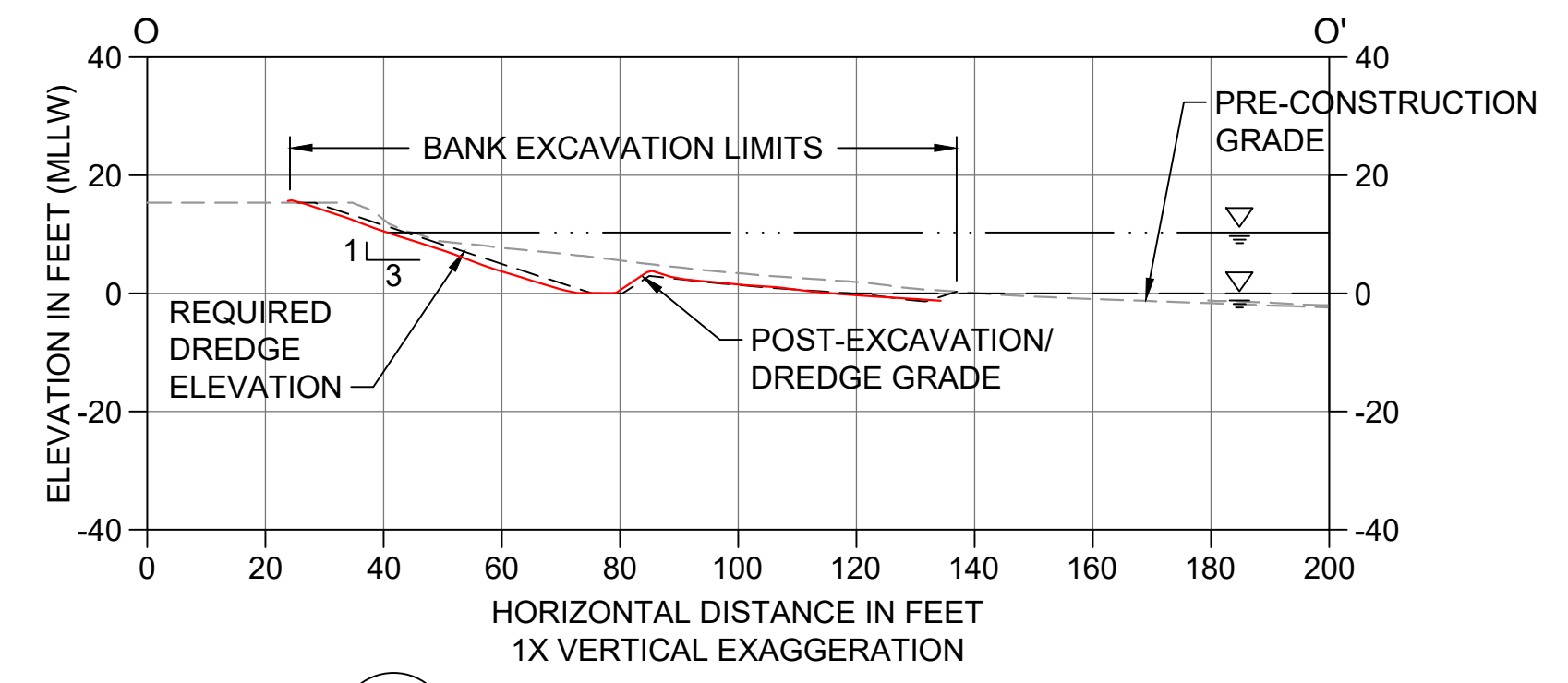
L DREDGE/EXCAVATION SECTION
SCALE: 1" = 30'



M DREDGE/EXCAVATION SECTION
SCALE: 1" = 30'

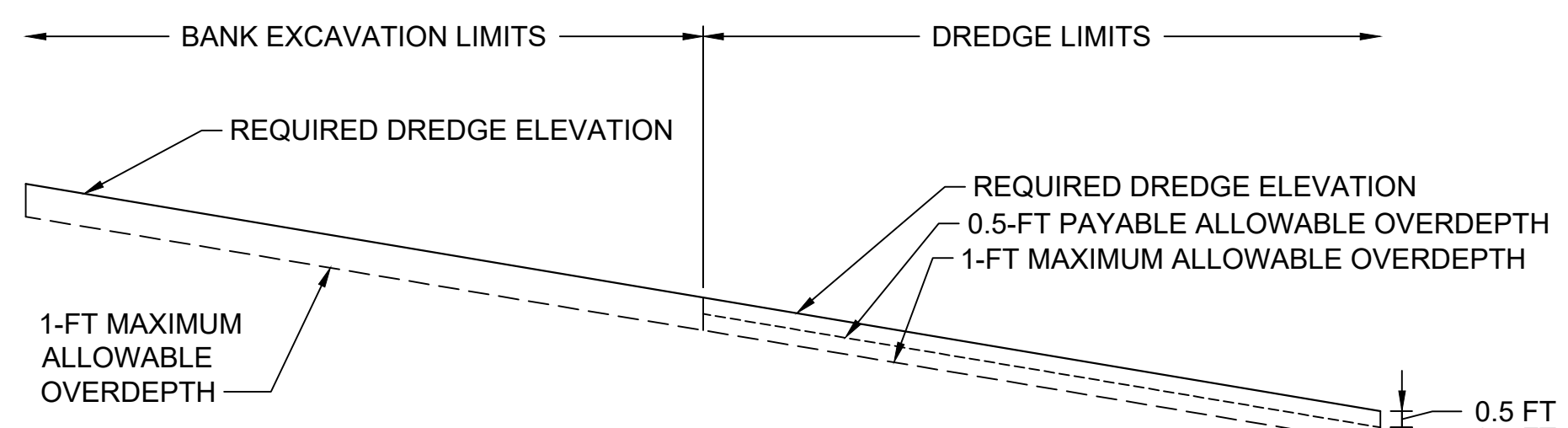


N DREDGE/EXCAVATION SECTION
SCALE: 1" = 30'



O DREDGE/EXCAVATION SECTION
SCALE: 1" = 30'

- LEGEND:**
- PRE-CONSTRUCTION GRADE
 - REQUIRED DREDGE ELEVATION
 - POST-DREDGE AND -EXCAVATION CONDITIONS
 - MEAN HIGHER HIGH WATER LINE (ELEVATION 10.3' MLLW)
 - MEAN LOWER LOW WATER LINE (ELEVATION 0.0' MLLW)



1 PAYABLE AND MAXIMUM ALLOWABLE OVERDEPTH DETAIL
SCALE: 1" = 30'

0 30 60
SCALE IN FEET
RECORD DRAWINGS



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CHECKED BY: J. LAPLANTE
APPROVED BY: J. LAPLANTE
SCALE: 1" = 30'
DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

**POST-DREDGE/EXCAVATION CROSS SECTIONS
(SMA-2) 2 OF 2**

C-05

SHEET NO. 15 OF 24

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

HOOD CANAL

FORMER MILL SITE UPLANDS

34+69 BL10

30+00 BL9

MW-2

N:317,400

BL8

BL7

MW-11

MW-4

MW-10R

MW-14

BL5

BL6

SUBSTANTIAL CHANGES WERE MADE TO THIS DRAWING INCLUDING REVISIONS TO THE CAPPING AND BACKFILL AREAS AND INCREASED MATERIAL PLACEMENT VOLUMES COMPARED TO THE FINAL DESIGN (BID SET)

- NOTES:
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
 2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).

LEGEND

- POST-WORK CONTOURS (1' AND 5' INTERVAL)
- MONITORING WELL (PROTECT)
- INTERTIDAL CAP AREA, TYPE 1 (SEE DETAIL F ON SHEET C-17)
- INTERTIDAL CAP AREA, TYPE 2 (SEE DETAIL G ON SHEET C-17)
- INTERTIDAL CAP AREA, TYPE 3 (SEE DETAIL H ON SHEET C-17)
- ANGULAR BACKFILL AREA
- EMNR PLACEMENT AREA
- POST-DREDGE RESIDUALS COVER MANAGEMENT AREA
- SUBTIDAL CAP AREA (SEE DETAIL I ON SHEET C-17)
- EROSION AREA ARMORING
- POST-PILE REMOVAL HABITAT SUBSTRATE COVER

0 40 80
SCALE IN FEET

RECORD DRAWINGS

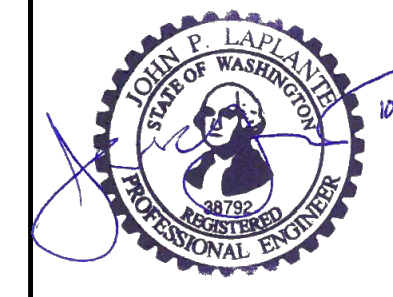
ONE INCH
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

NORTH

K:\Projects\0388-Pope Resources\Port Gamble Sediment Cleanup RFP\SI\Construction Plans\As-built\0388-C-07 (SMA 1 Capping Plan) dwg C-07



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1	11/6/2017	CH	JL	RECORD DRAWINGS

DESIGNED BY: R. PICKERING
 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 40'
 DATE: OCTOBER 2017

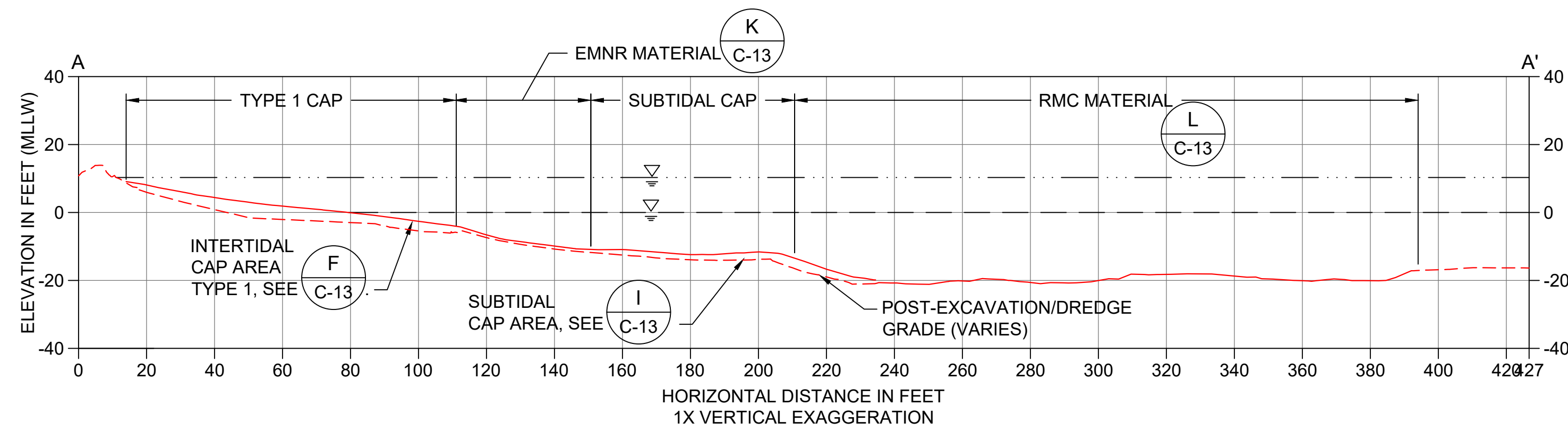
**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

**POST-RESIDUALS COVER AND CAPPING
CONDITIONS (SMA-1)**

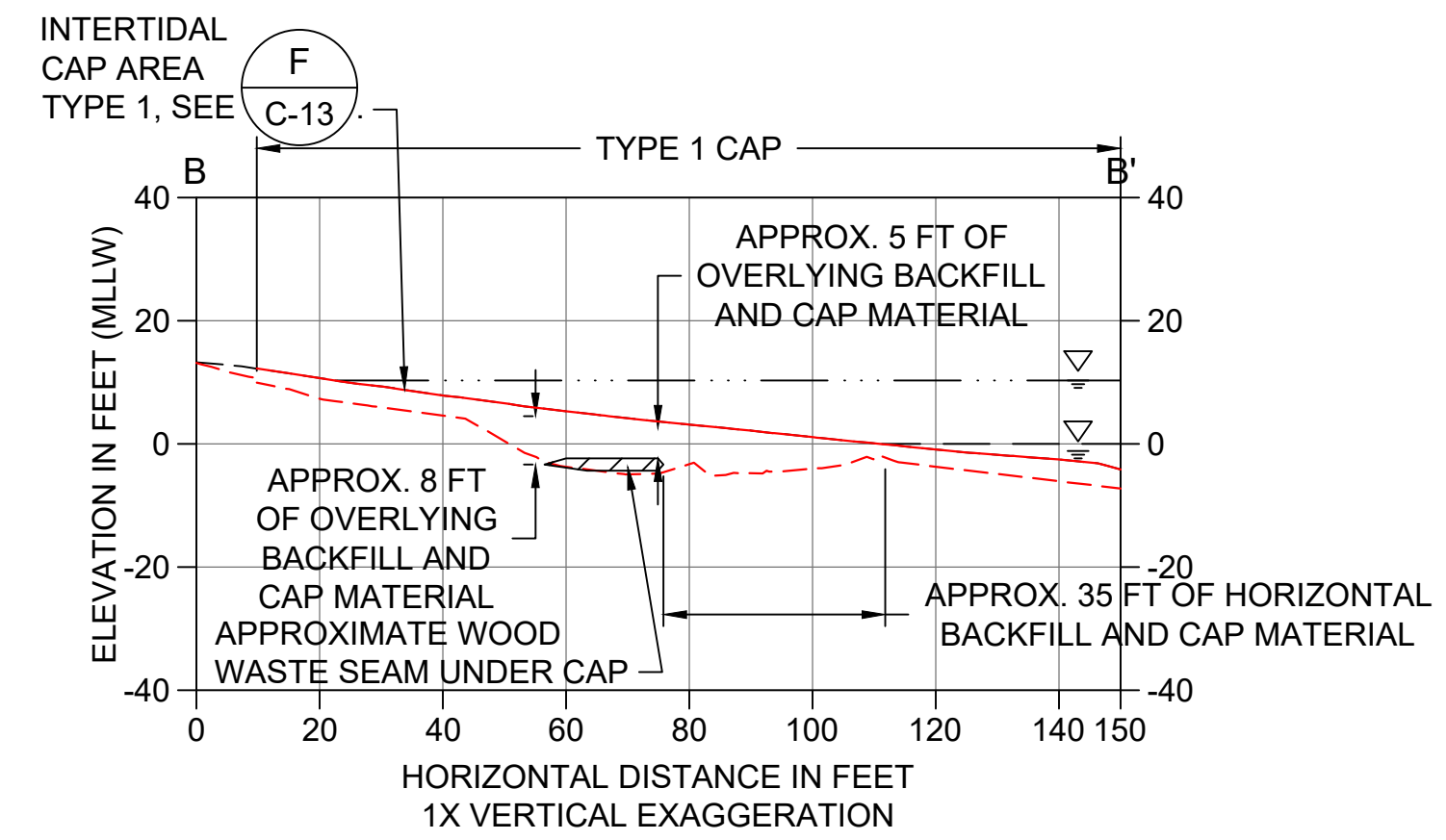
C-06

SHEET NO. 16 OF 24

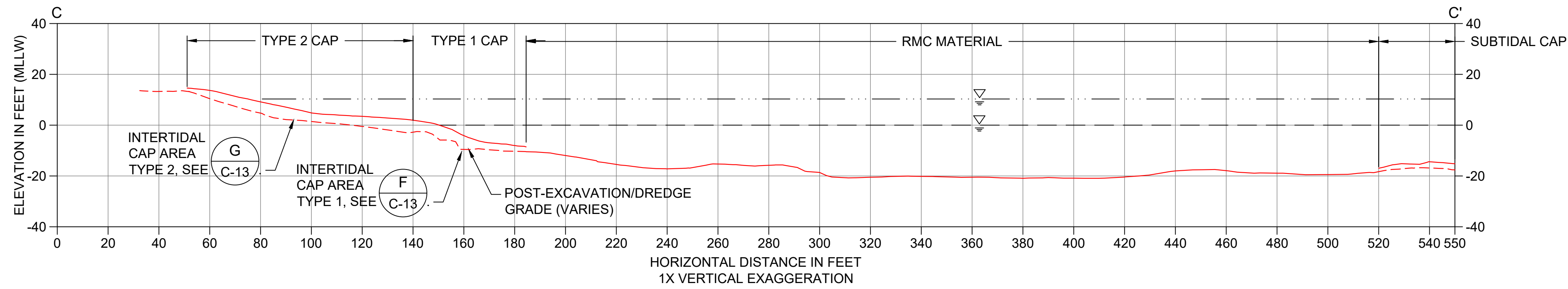
STUBSTANTIAL CHANGES WERE MADE TO THIS DRAWING INCLUDING REVISIONS TO THE CAPPING AND BACKFILL AREAS AND INCREASED MATERIAL PLACEMENT VOLUMES COMPARED TO THE FINAL DESIGN (BID SET)



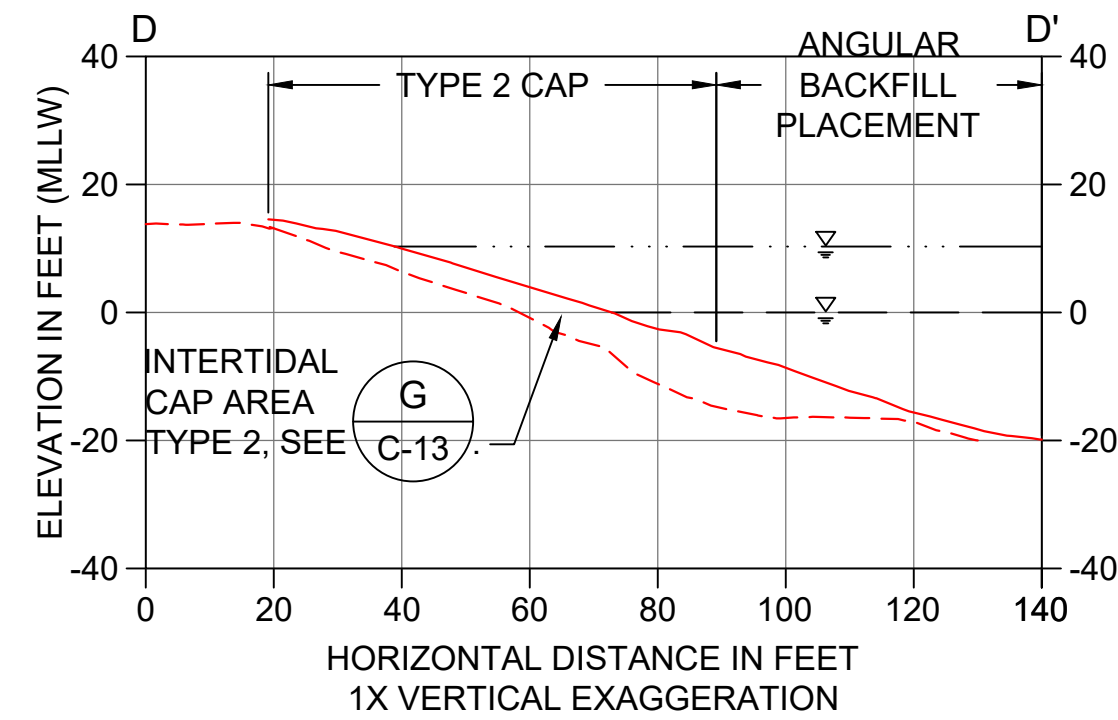
A CAPPING SECTION
C-07 SCALE: 1" = 30'



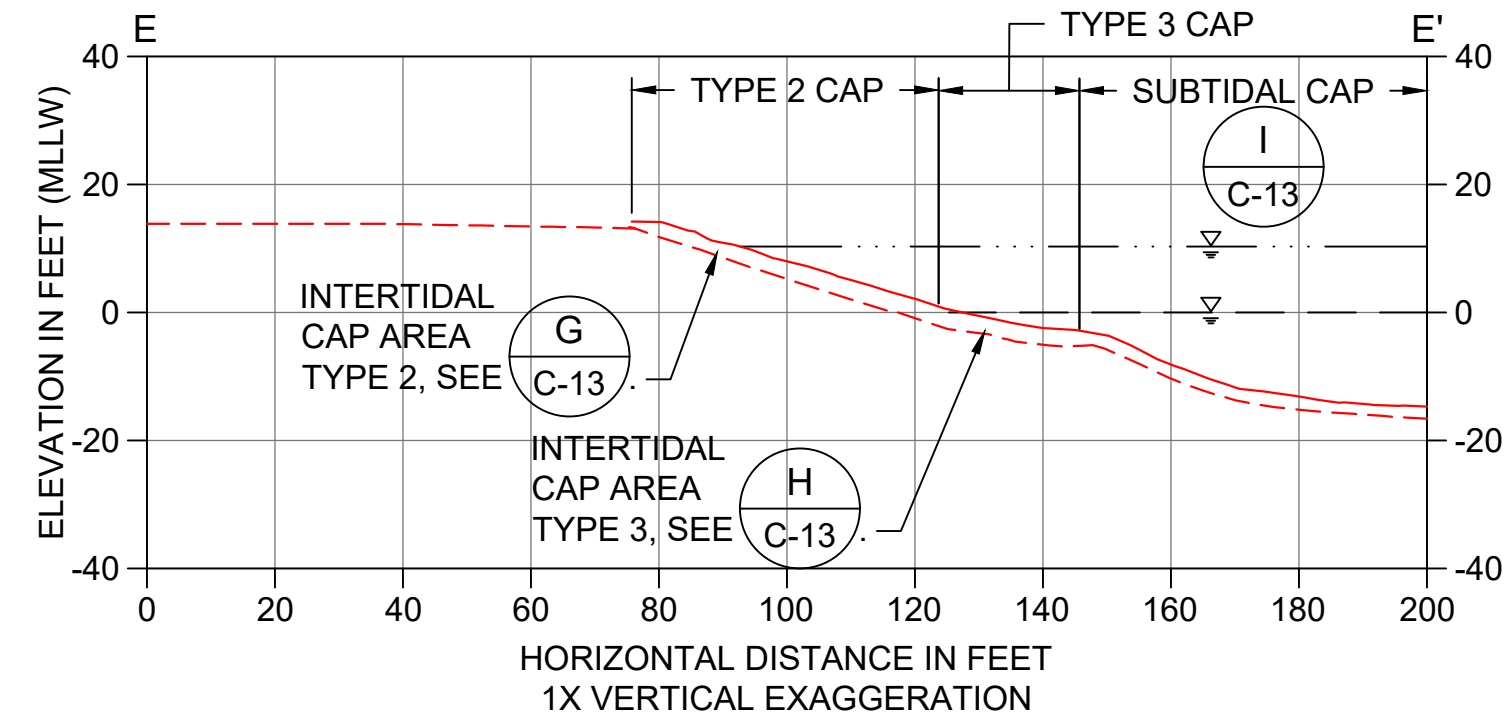
B CAPPING SECTION
C-07 SCALE: 1" = 30'



C CAPPING SECTION
C-07 SCALE: 1" = 30'

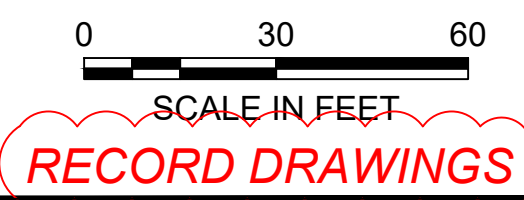


D CAPPING SECTION
C-07 SCALE: 1" = 30'



E CAPPING SECTION
C-07 SCALE: 1" = 30'

- LEGEND:**
- - - - - POST-DREDGE AND -EXCAVATION AS-BUILT SURVEY
 - — — — INTERTIDAL AND SUBTIDAL CAP/RMC AS-BUILT SURVEY
 - · - · - MEAN HIGHER HIGH WATER LINE (ELEVATION 10.3' MLLW)
 - - - - - MEAN LOWER LOW WATER LINE (ELEVATION 0.0' MLLW)

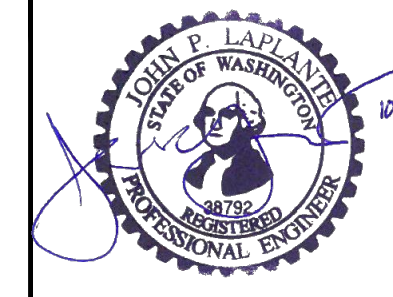


RECORD DRAWINGS

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1	11/6/2017	CH	JL	RECORD DRAWINGS

DESIGNED BY: R. PICKERING
 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 30'
 DATE: OCTOBER 2017

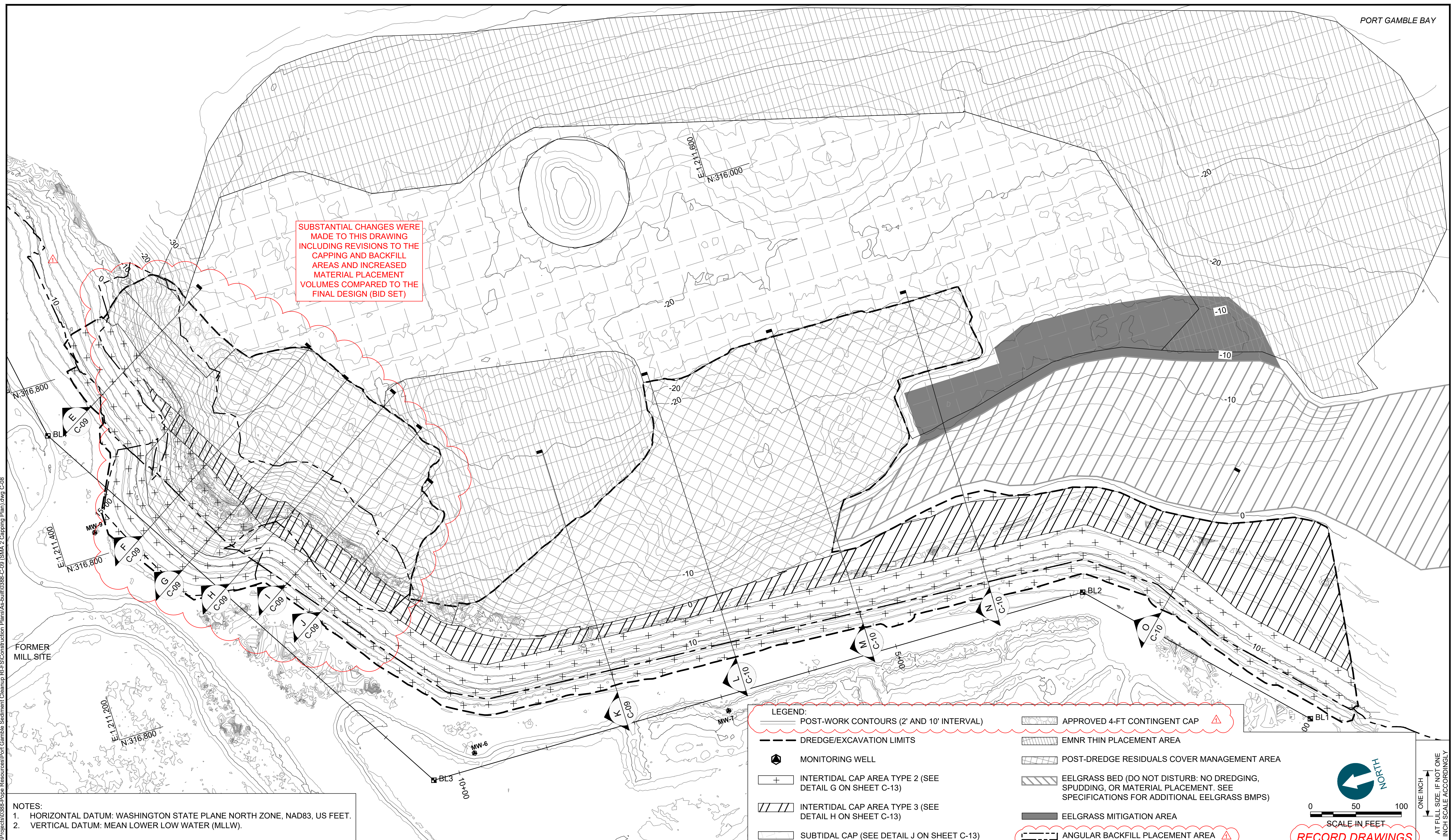
**PORT GAMBLE BAY CLEANUP
 RECORD DRAWINGS**

**POST-RESIDUALS COVER AND CAPPING CROSS
 SECTIONS (SMA-1)**

C-07

SHEET NO. 17 OF 24

SUBSTANTIAL CHANGES WERE MADE TO THIS DRAWING INCLUDING REVISIONS TO THE CAPPING AND BACKFILL AREAS AND INCREASED MATERIAL PLACEMENT VOLUMES COMPARED TO THE FINAL DESIGN (BID SET)



K:\Projects\0388-Pope Resources\Port Gamble Sediment Cleanup R.F.S\Construction Plans\As-Built\0388-C-08 (SMA 2 Capping Plan) dwg C-08
Jan 04, 2018 9:56am chevett

NOTES:
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).

LEGEND:

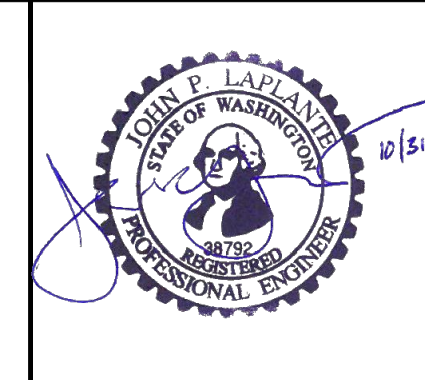
- POST-WORK CONTOURS (2' AND 10' INTERVAL)
- DREDGE/EXCAVATION LIMITS
- MONITORING WELL
- INTERTIDAL CAP AREA TYPE 2 (SEE DETAIL G ON SHEET C-13)
- INTERTIDAL CAP AREA TYPE 3 (SEE DETAIL H ON SHEET C-13)
- SUBTIDAL CAP (SEE DETAIL J ON SHEET C-13)
- APPROVED 4-FT CONTINGENT CAP
- EMNR THIN PLACEMENT AREA
- POST-DREDGE RESIDUALS COVER MANAGEMENT AREA
- EELGRASS BED (DO NOT DISTURB: NO DREDGING, SPUDDING, OR MATERIAL PLACEMENT. SEE SPECIFICATIONS FOR ADDITIONAL EELGRASS BMPs)
- EELGRASS MITIGATION AREA
- ANGULAR BACKFILL PLACEMENT AREA

0 50 100
SCALE IN FEET
NORTH
ONE INCH = 50 FEET
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

RECORD DRAWINGS



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DESIGNED BY: R. PICKERING
 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 50'
 DATE: OCTOBER 2017

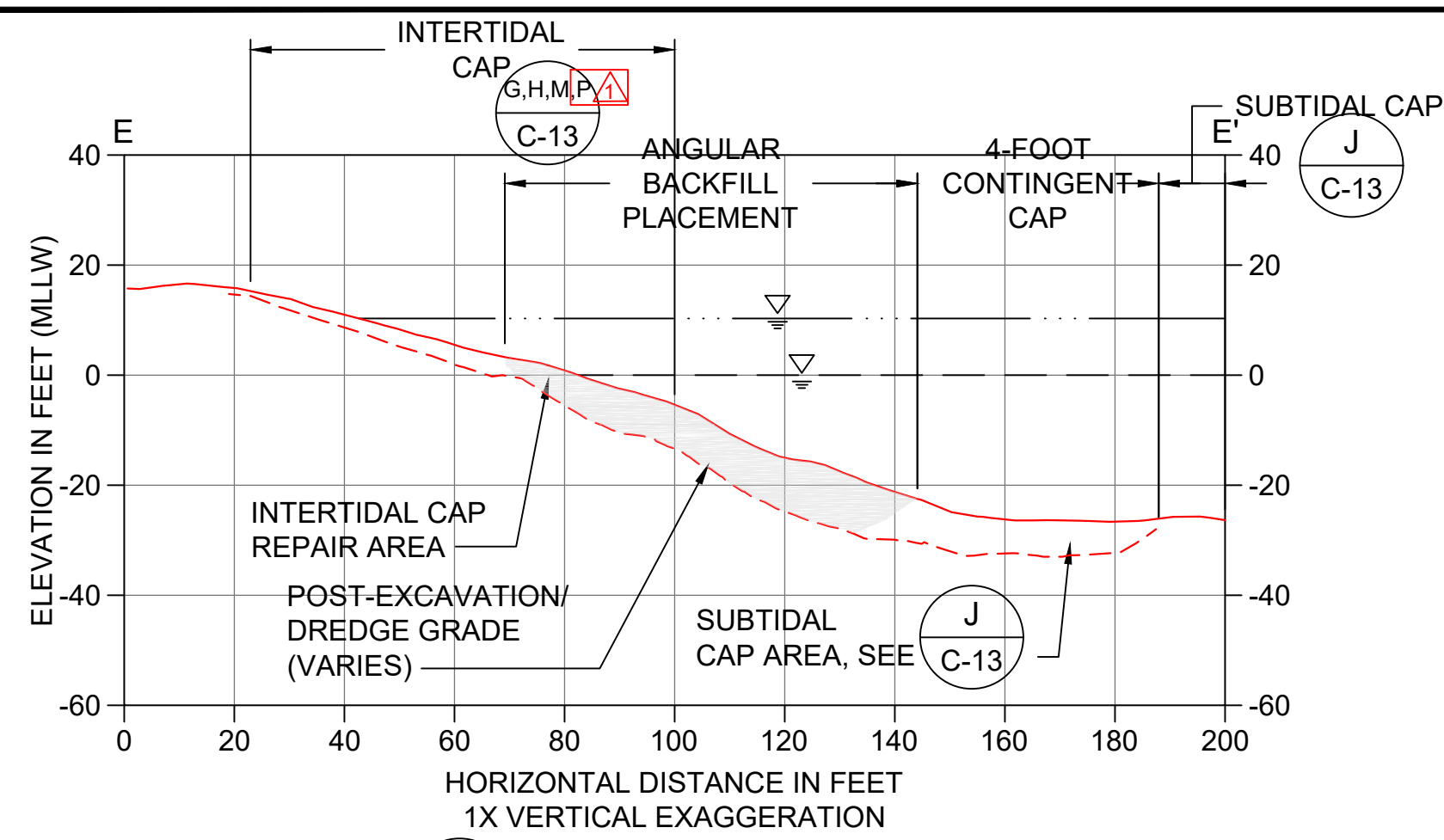
**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

POST-CAPPING CONDITIONS (SMA-2)

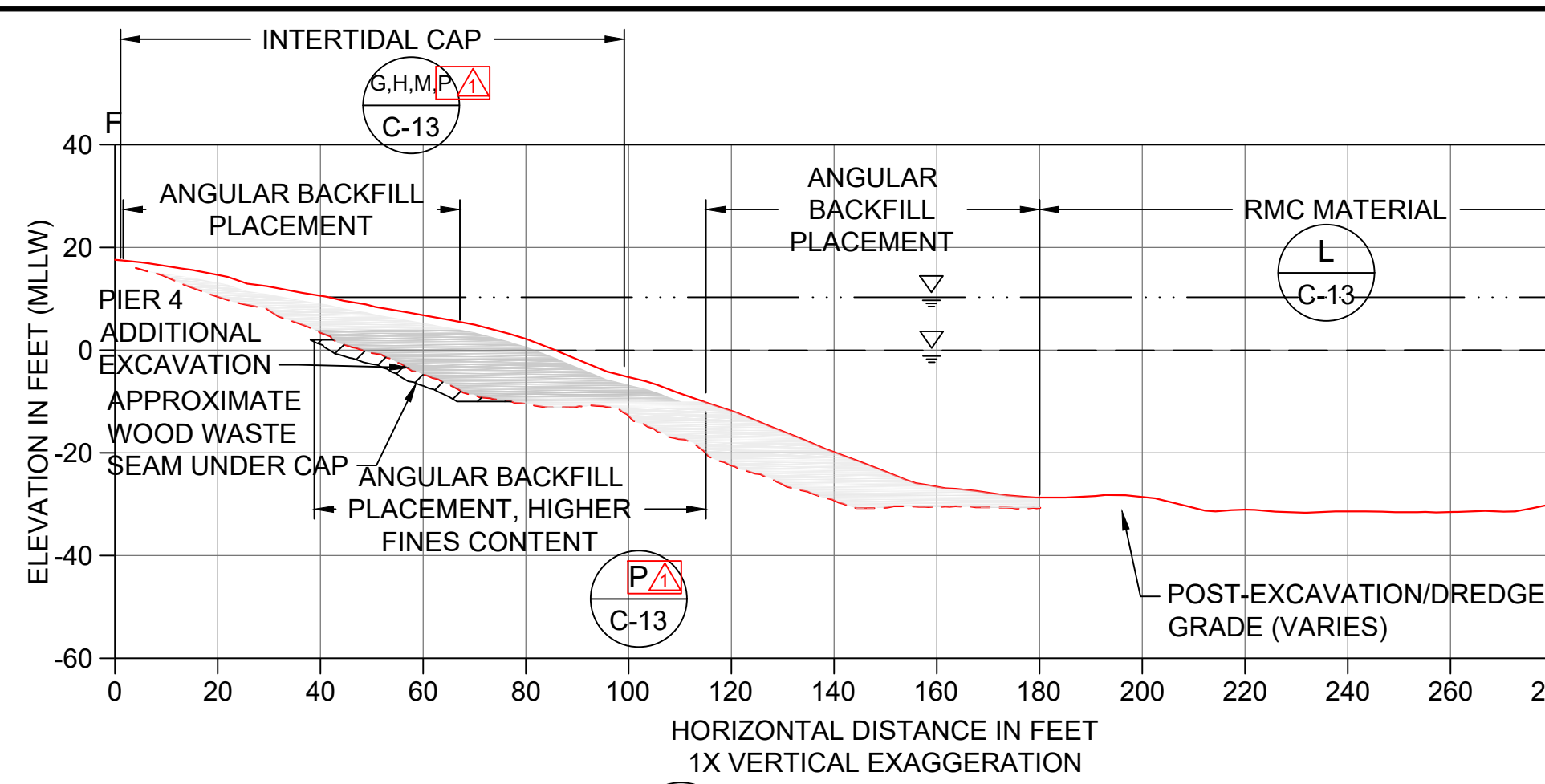
C-08

SHEET NO. 18 OF 24

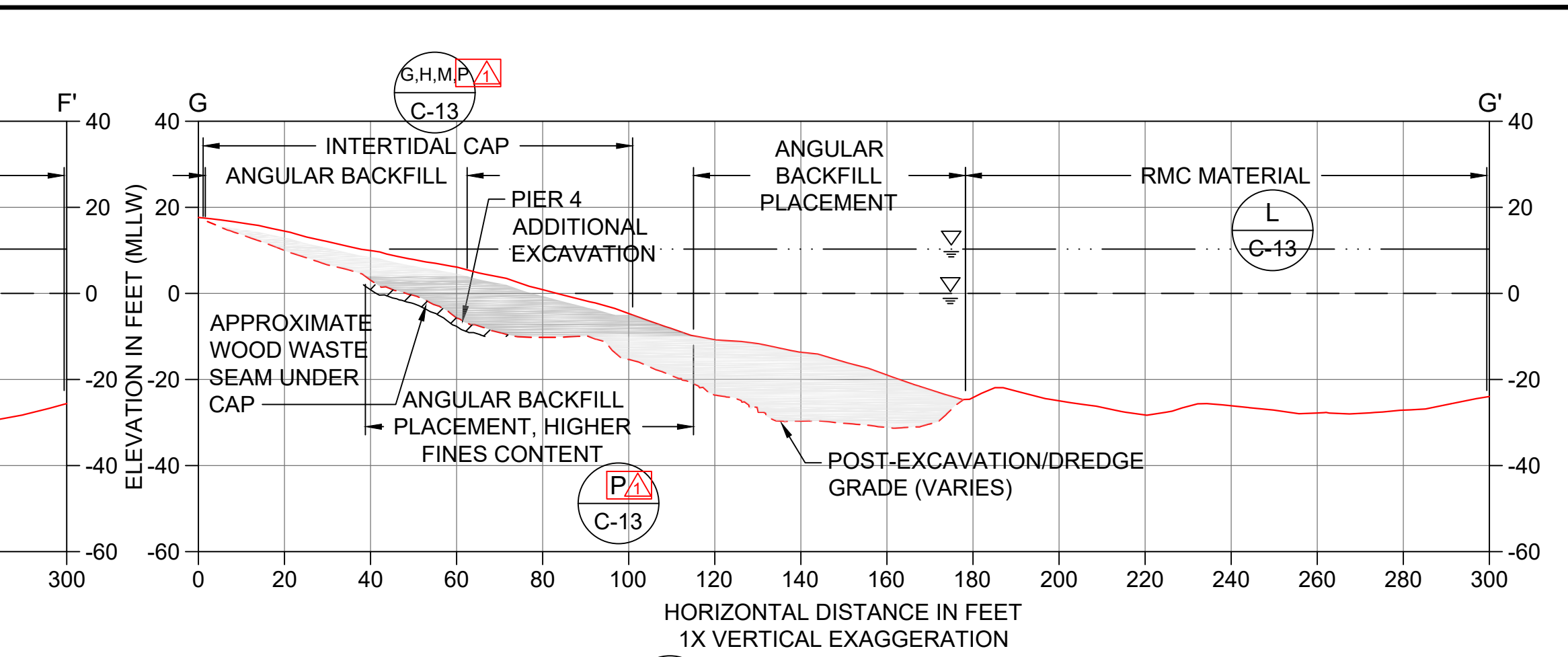
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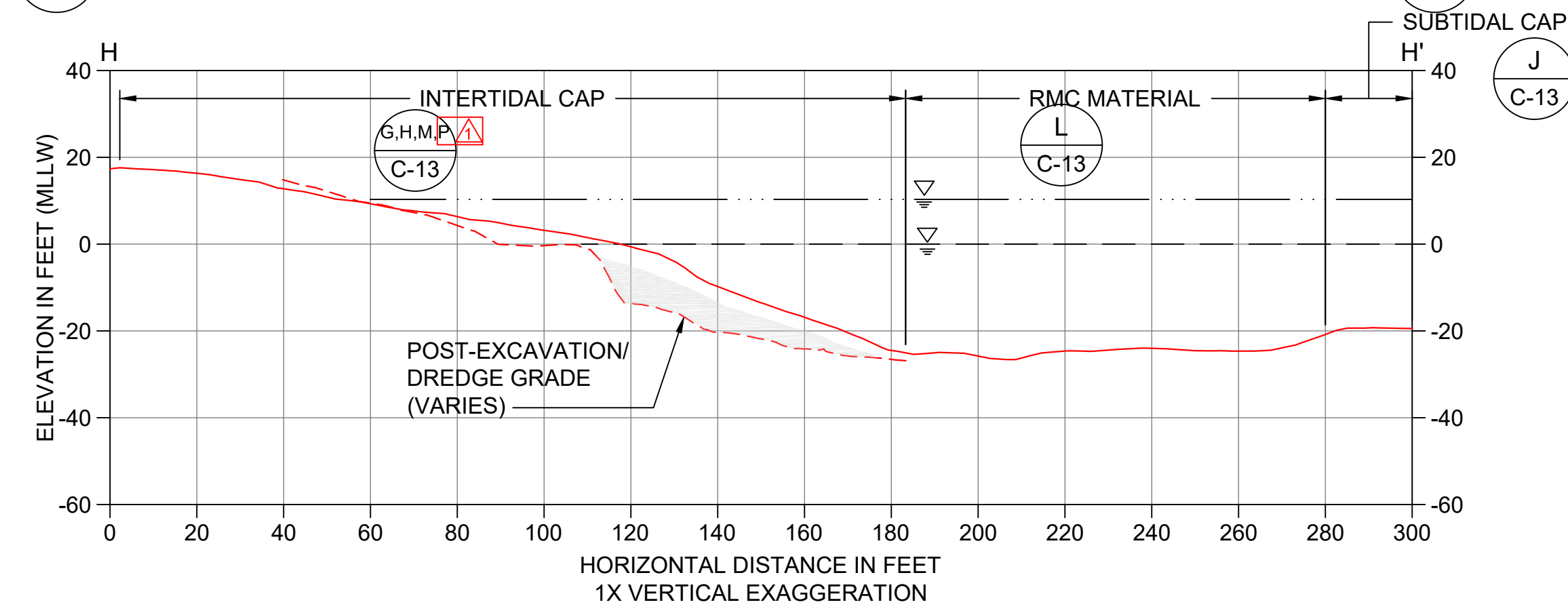
E CAPPING SECTION
C-08 SCALE: 1" = 30'



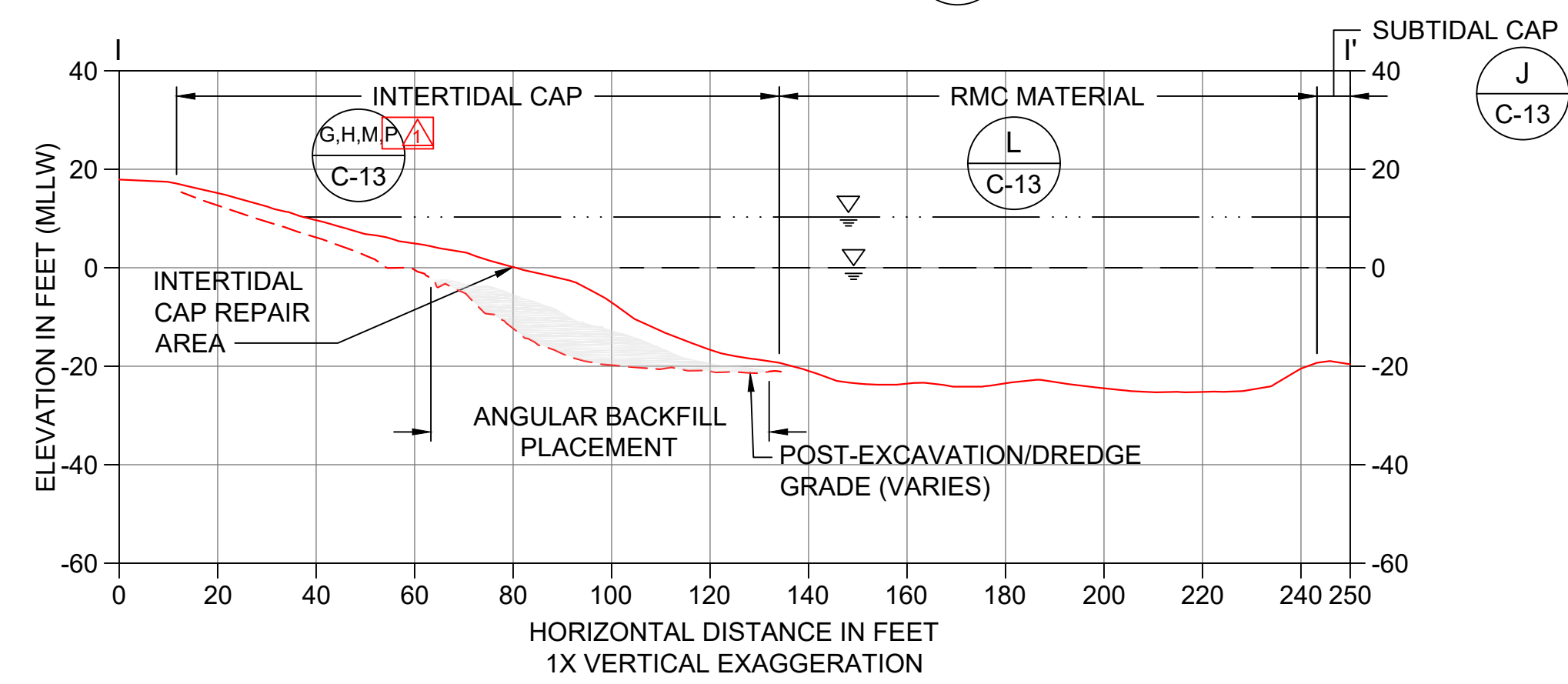
F CAPPING SECTION
C-08 SCALE: 1" = 30'



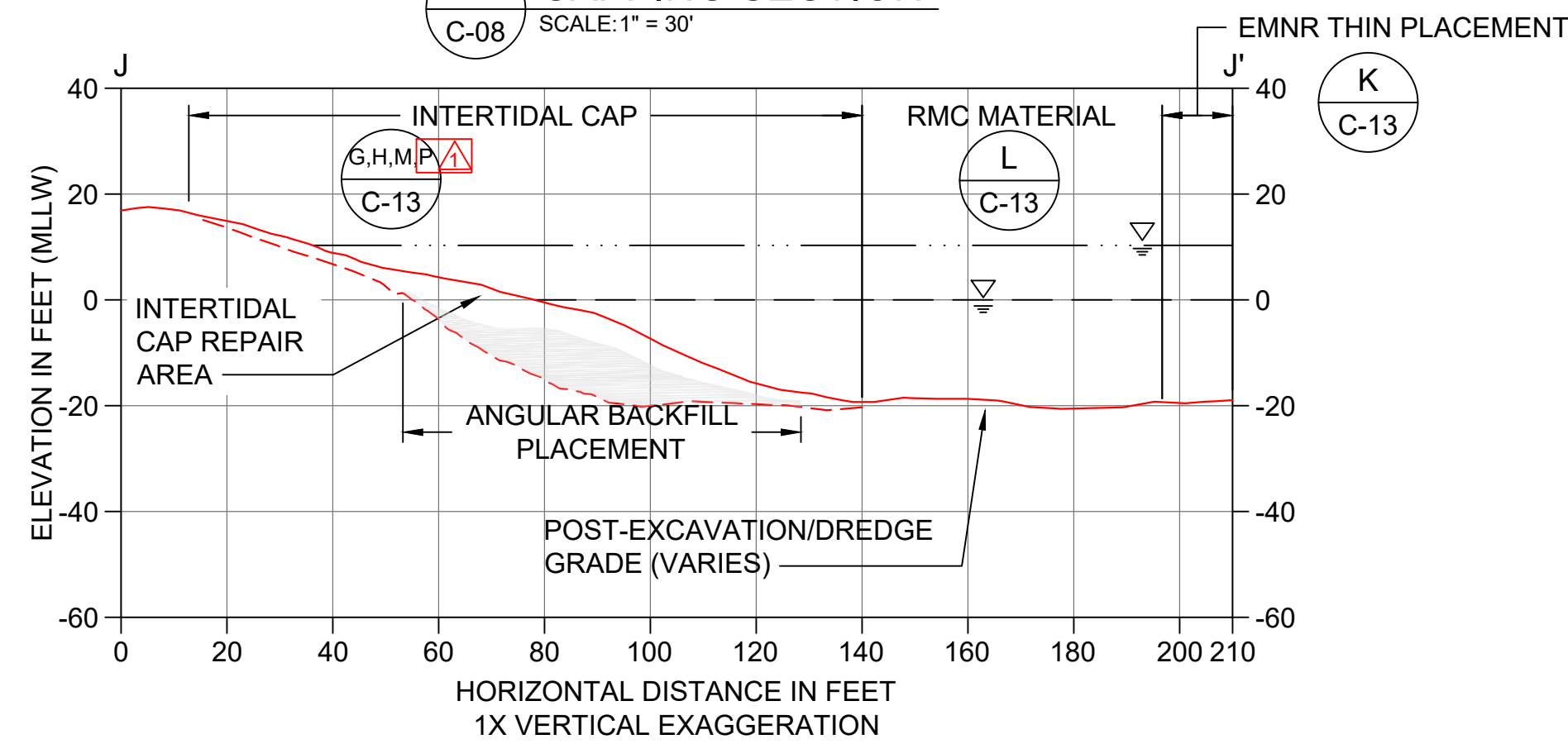
G CAPPING SECTION
C-08 SCALE: 1" = 30'



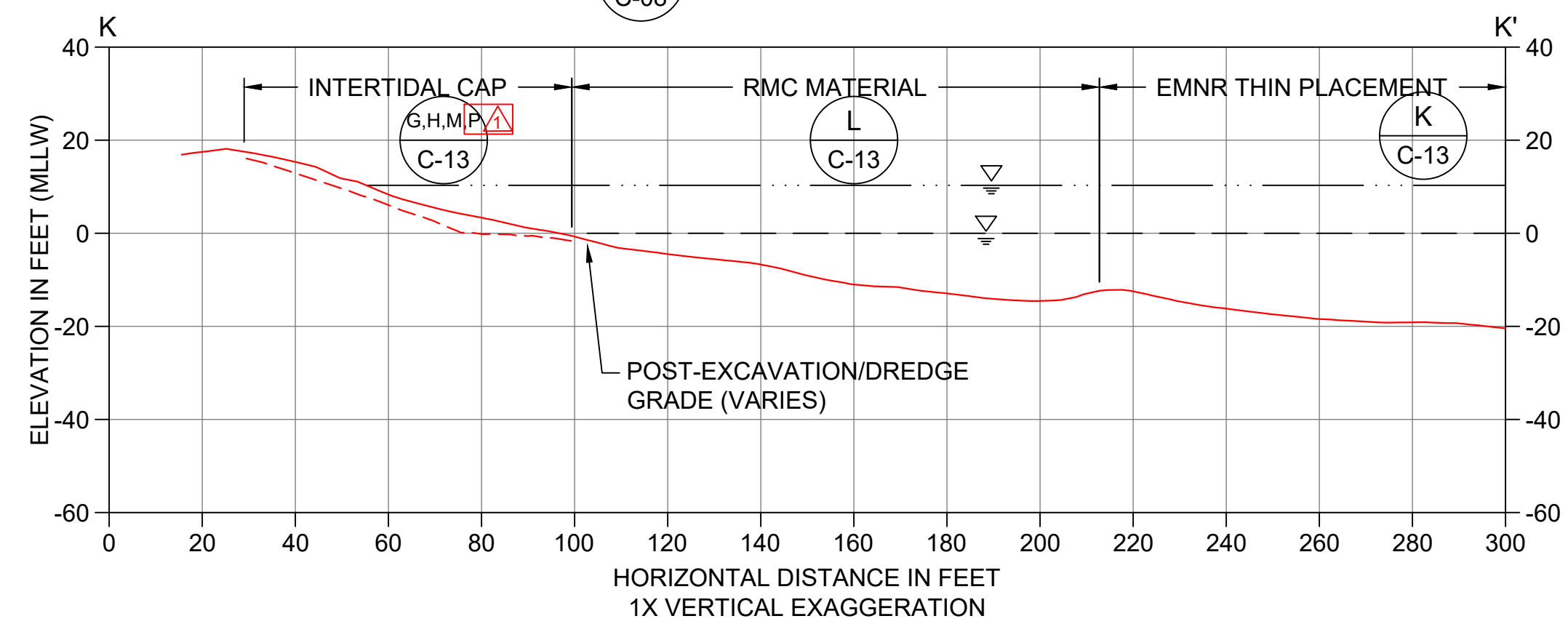
H CAPPING SECTION
C-08 SCALE: 1" = 30'



I CAPPING SECTION
C-08 SCALE: 1" = 30'



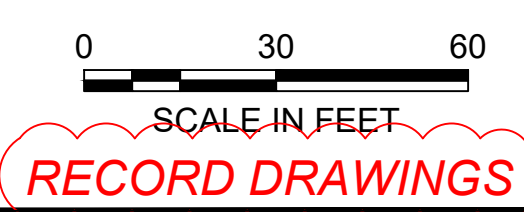
J CAPPING SECTION
C-08 SCALE: 1" = 30'



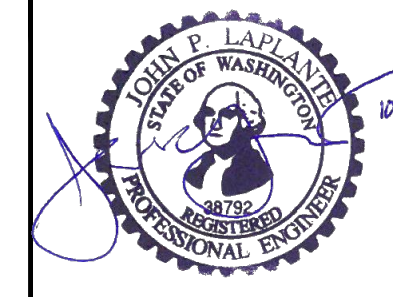
K CAPPING SECTION
C-08 SCALE: 1" = 30'

SUBSTANTIAL CHANGES WERE MADE TO THIS DRAWING INCLUDING REVISIONS TO THE CAPPING AND BACKFILL AREAS AND INCREASED MATERIAL PLACEMENT VOLUMES COMPARED TO THE FINAL DESIGN (BID SET)

- LEGEND:**
- POST-DREDGE AND -EXCAVATION AS-BUILT SURVEY
 - INTERTIDAL AND SUBTIDAL CAP/RMC AS-BUILT SURVEY
 - MEAN HIGHER HIGH WATER LINE (ELEVATION 10.3' MLLW)
 - MEAN LOWER LOW WATER LINE (ELEVATION 0.0' MLLW)
 - APPROXIMATE WOOD WASTE SEAM UNDER CAP
 - ANGULAR BACKFILL PLACEMENT
 - ANGULAR BACKFILL PLACEMENT (HIGH FINES)



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 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 30'
 DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

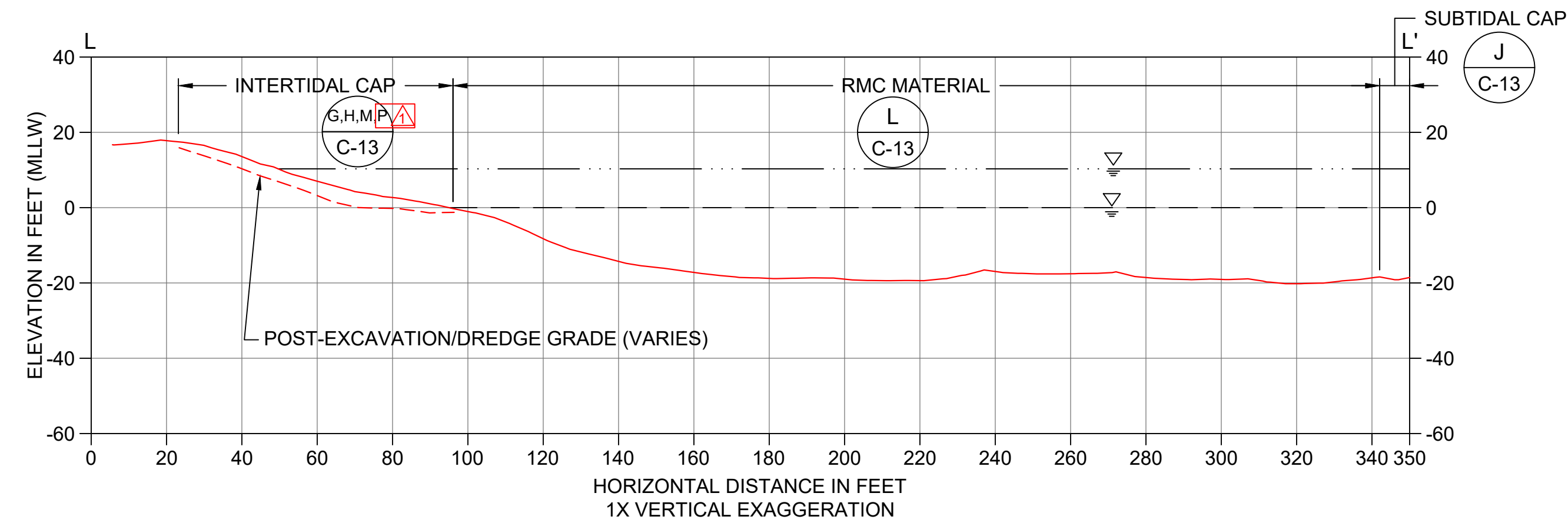
POST-CAPPING CROSS SECTIONS (SMA-2) 1 OF 2

C-09

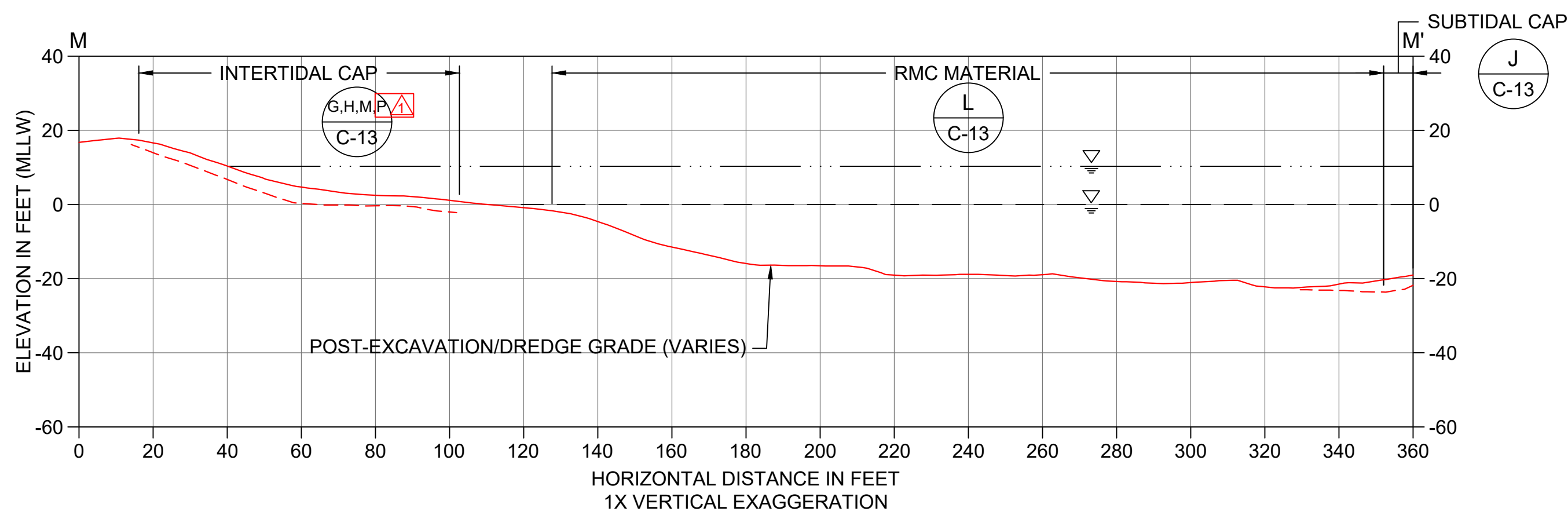
SHEET NO. 19 OF 24

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

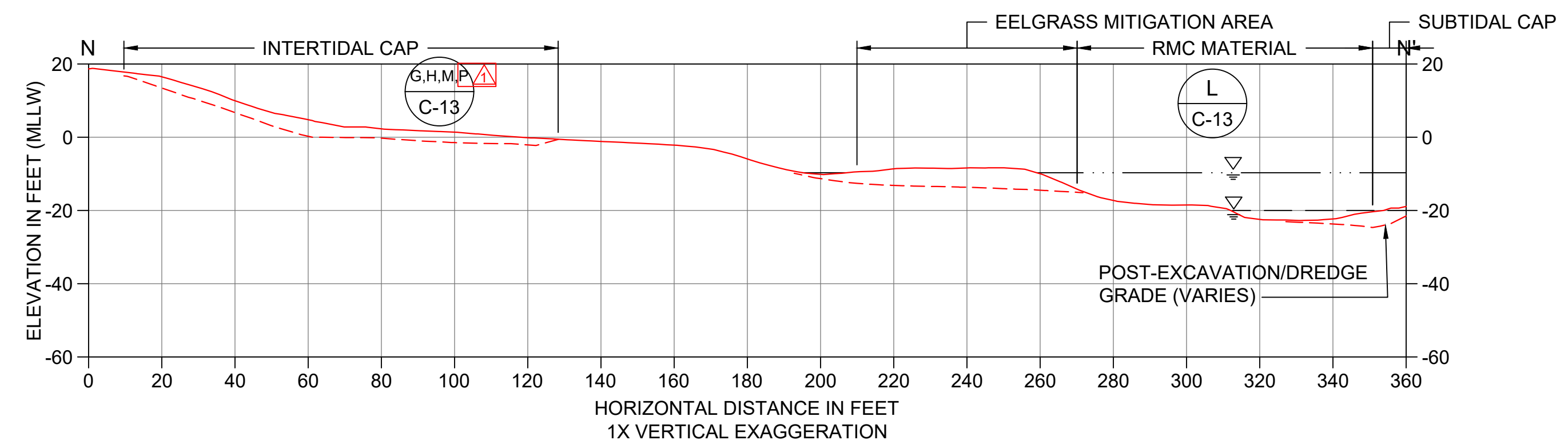
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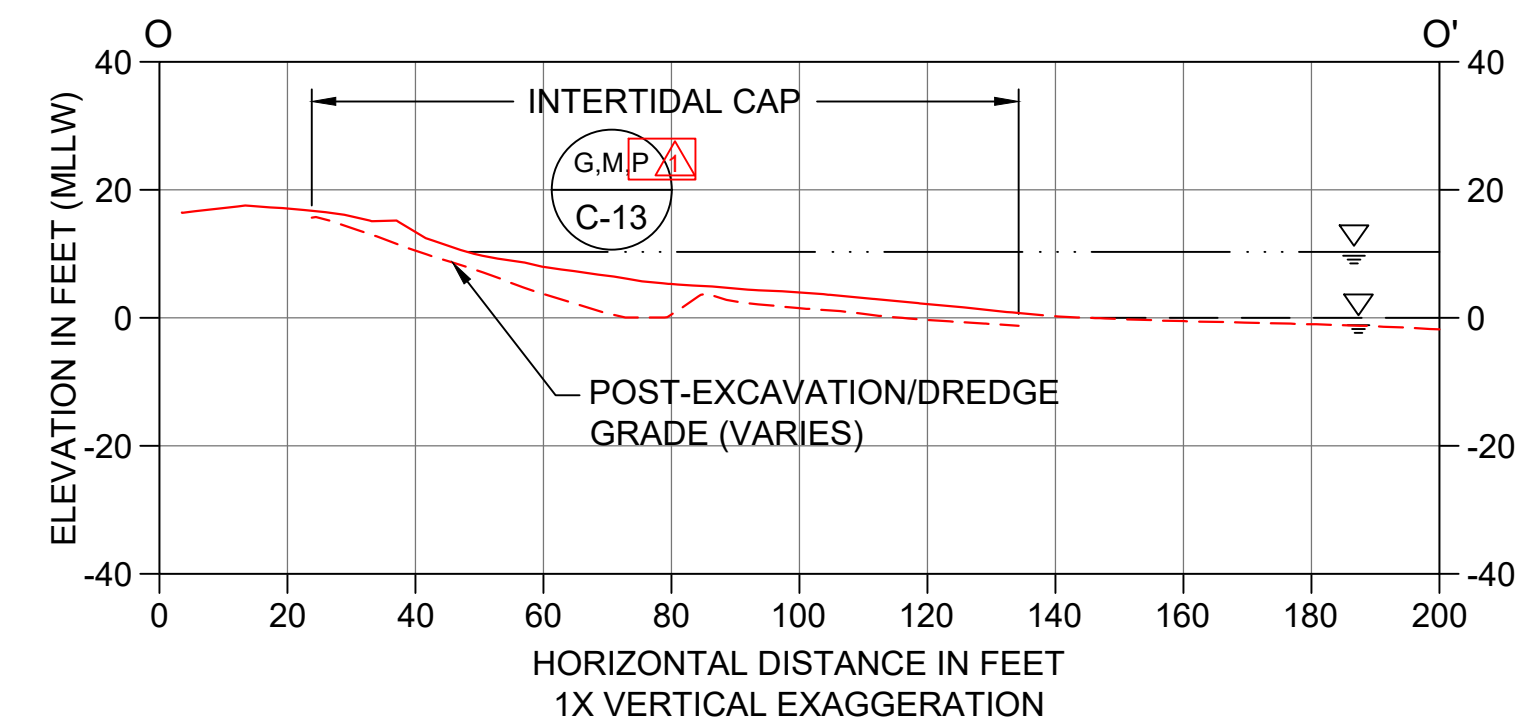
L CAPPING SECTION
SCALE: 1" = 30'



M CAPPING SECTION
SCALE: 1" = 30'

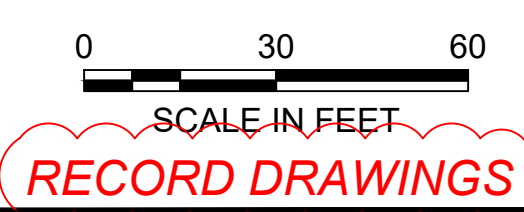


N CAPPING SECTION
SCALE: 1" = 30'



O CAPPING SECTION
SCALE: 1" = 30'

- LEGEND:**
- - - - - POST-DREDGE AND -EXCAVATION AS-BUILT SURVEY
 - — — — INTERTIDAL AND SUBTIDAL CAP/RMC AS-BUILT SURVEY
 - — — — MEAN HIGHER HIGH WATER LINE (ELEVATION 10.3' MLLW)
 - — — — MEAN LOWER LOW WATER LINE (ELEVATION 0.0' MLLW)



RECORD DRAWINGS



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 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 30'
 DATE: OCTOBER 2017

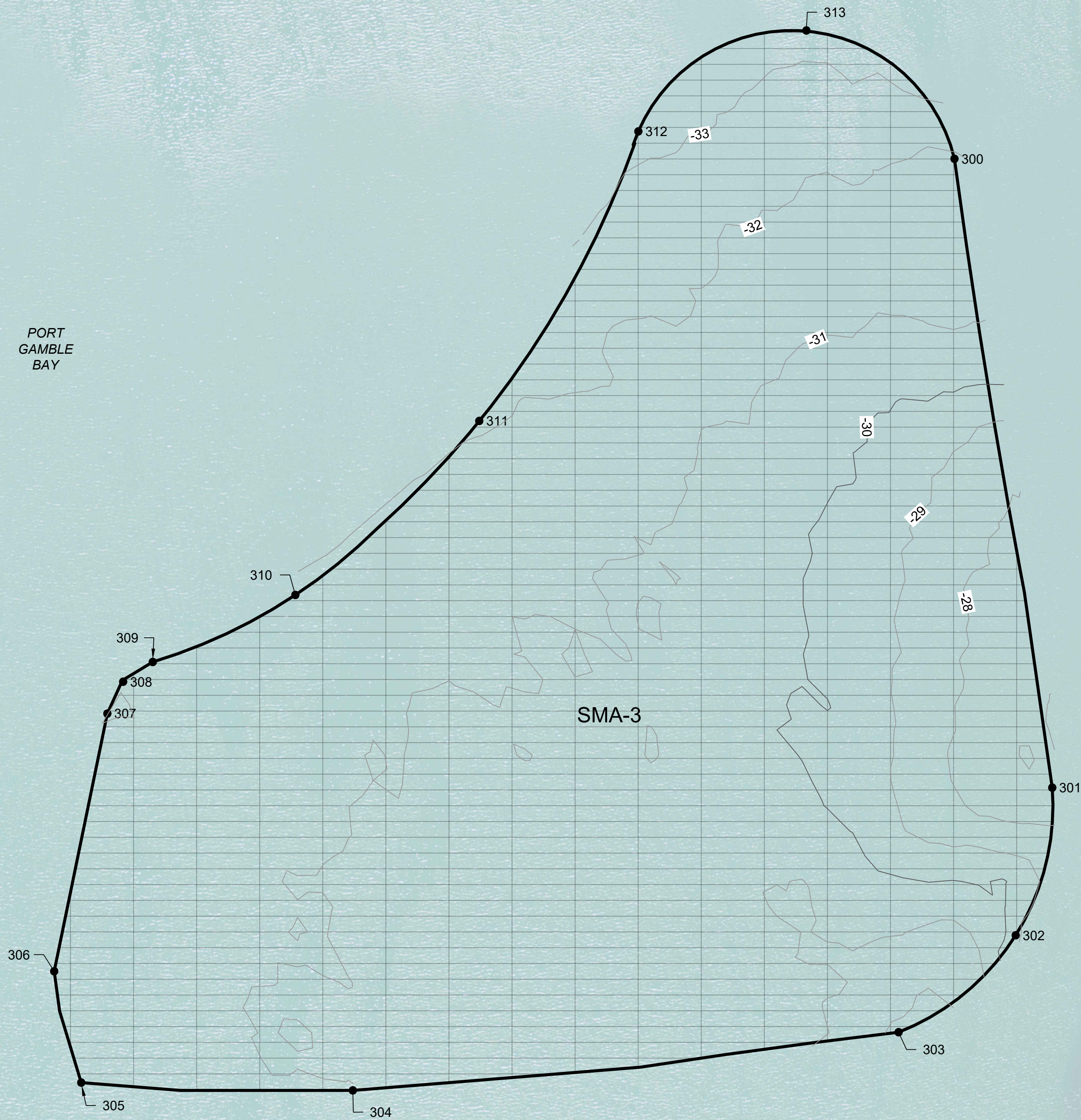
**PORT GAMBLE BAY CLEANUP
 RECORD DRAWINGS**

POST-CAPPING CROSS SECTIONS (SMA-2) 2 OF 2

C-10

SHEET NO. 20 OF 24

CONTROL POINTS		
POINT #	NORTHING	EASTING
300	309781.3	1213751.8
301	308535.6	1213945.5
302	308243.2	1213873.1
303	308051.2	1213641.0
304	307935.9	1212559.5
305	307951.4	1212021.2
306	308171.8	1211967.8
307	308682.4	1212072.9
308	308745.5	1212104.4
309	308784.5	1212163.0
310	308917.3	1212445.6
311	309262.0	1212810.0
312	309835.7	1213125.3
313	310035.7	1213458.2



- NOTES:
- HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD83, US FEET.
 - VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).

LEGEND:

POST-WORK CONTOURS (2 AND 10' INTERVAL)
 SEDIMENT MANAGEMENT AREA
 EMNR THIN PLACEMENT AREA (SEE DETAIL K ON SHEET C-14)
 CONTROL POINT

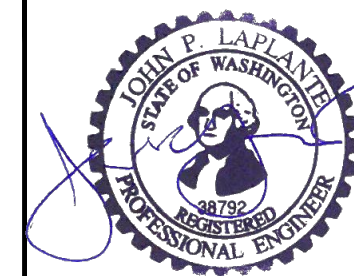
NORTH
 SCALE IN FEET: 0, 150, 300
 ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

SCALE IN FEET
RECORD DRAWINGS

Jan 04, 2018 9:57am chewett K:\Projects\0388-Pope Resources\Port Gamble Sediment Cleanup RFP\Construction Plans\As-Built\0388-C-12 (SMA 3).dwg C-12



POPE RESOURCES LP / OPG PROPERTIES LLC



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 DRAWN BY: C. HEWETT
 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
 SCALE: 1" = 150'
 DATE: OCTOBER 2017

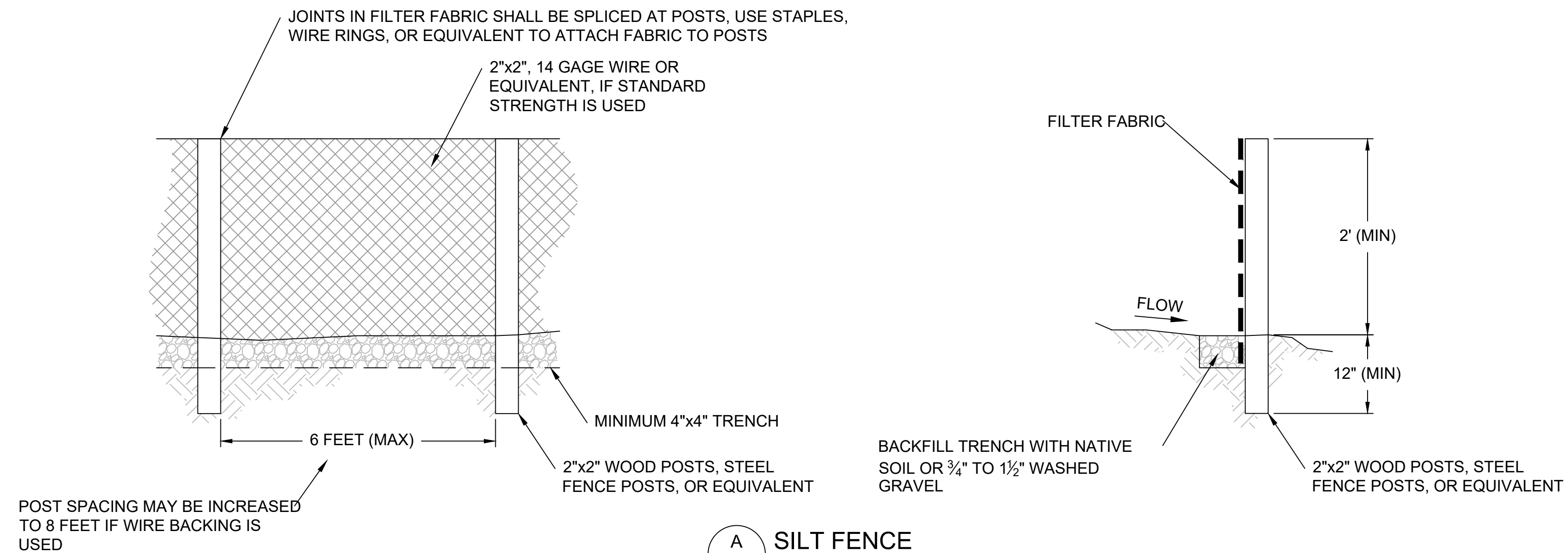
**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

POST-CONSTRUCTION CONDITIONS (SMA-3)

C-11

SHEET NO. 21 OF 24

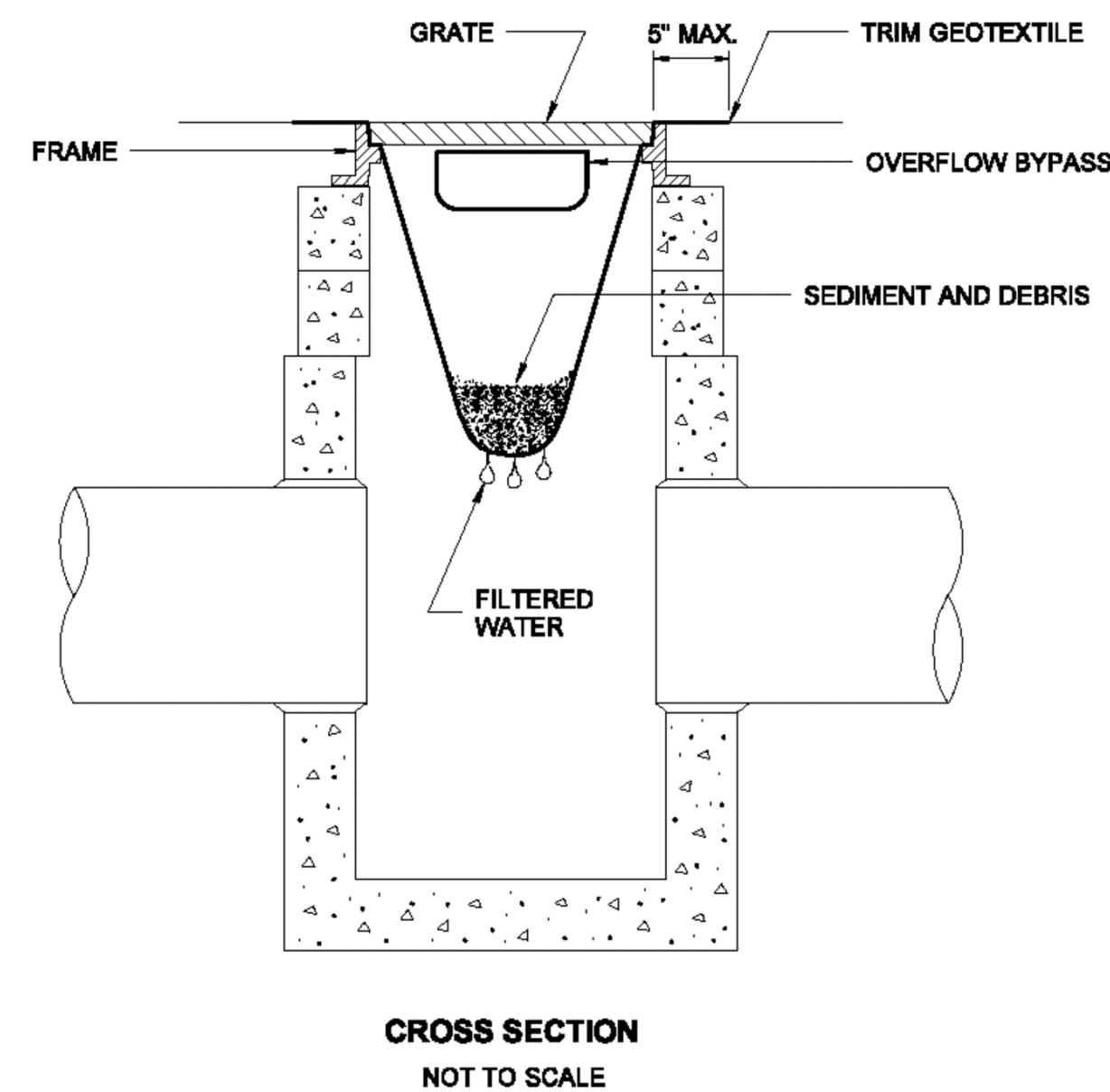
NO CHANGES TO THIS DRAWING



A SILT FENCE
SCALE: NTS

NOTES:

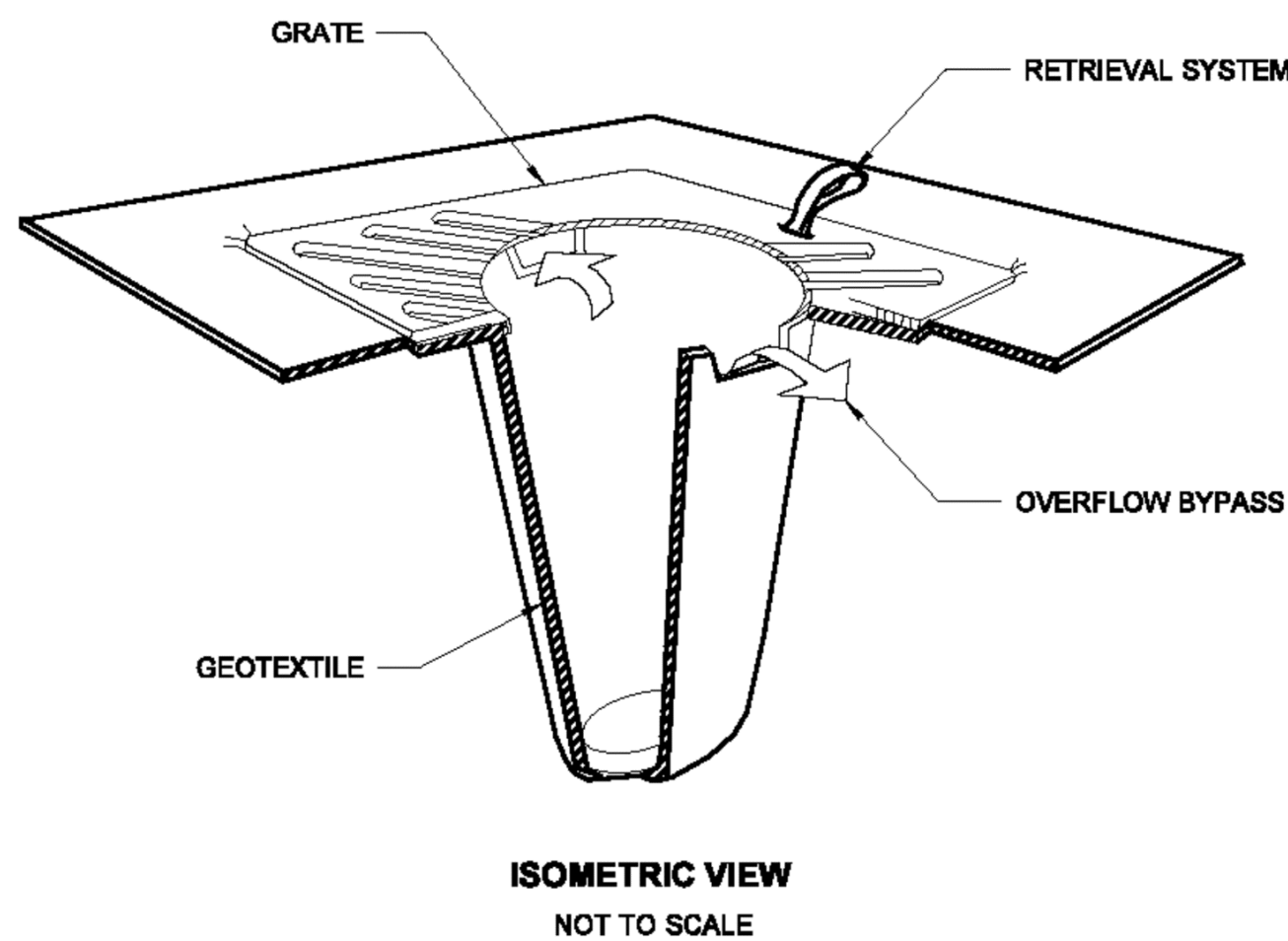
1. PERFORM MAINTENANCE IN ACCORDANCE WITH SPECIFICATIONS.
2. SIZE THE BELOW GRATE INLET DEVICE (BGID) FOR THE STORM WATER STRUCTURE IT WILL SERVICE.
3. THE BGID SHALL HAVE A BUILT-IN HIGH-FLOW RELIEF SYSTEM (OVERFLOW BYPASS).
4. THE RETRIEVAL SYSTEM MUST ALLOW REMOVAL OF THE BGID WITHOUT SPILLING THE COLLECTED MATERIAL.



B CATCH BASIN PROTECTION
SCALE: NTS

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, AND MAINTAINING ALL MEASURES NECESSARY TO MEET CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPS) IN ACCORDANCE WITH WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON (2012), WSDOT HIGHWAY RUNOFF MANUAL (2014), AND ALL OTHER STATE AND LOCAL REQUIREMENTS.
2. TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) FEATURES SHALL BE INSTALLED TO PREVENT RUNOFF FROM THE DEWATERED SEDIMENT FROM ENTERING ADJACENT SURFACE WATER BODY. THE NEED FOR THESE FEATURES, AND THEIR LOCATION, SHALL BE DETERMINED DURING CONSTRUCTION BASED ON THE ACTUAL LOCATION OF THE OFFLOADING AND TEMPORARY STORAGE ACTIVITIES.
3. FILTER FABRIC SILT FENCES, WHERE USED, SHALL BE INSTALLED ALONG A CONTOUR OF CONSTANT ELEVATION WHENEVER POSSIBLE.
4. ALTERNATIVES SUCH AS HAY BALES OR BRUSH BARRIERS MAY BE SUBSTITUTED IN LIEU OF SILT FENCES, SUBJECT TO APPROVAL OF THE ENGINEER.
5. TESC FEATURES SHALL BE USED BETWEEN ALL DRAINAGE DITCHES AND ADJACENT SURFACE WATER BODY WHERE THESE DITCHES AREA DOWNSTREAM OF THE OFFLOADING AND TEMPORARY STORAGE AREAS.
6. THE CONTRACTOR SHALL KEEP OFF-SITE STREETS THAT ARE IMPACTED AS A RESULT OF THE CONTRACTOR'S WORK CLEAN AT ALL TIMES. FLUSHING STREETS SHALL NOT BE ALLOWED. ALL STREETS SHOULD BE SWEEPED USING HIGH EFFICIENCY VACUUM SWEEPERS.
7. THE TEMPORARY EROSION/SEDIMENT CONTROLS SHALL BE INSTALLED, INSPECTED, AND OPERATING BEFORE ANY EXCAVATION OCCURS. THESE CONTROLS MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION ACTIVITIES ARE APPROVED AS COMPLETE BY THE OWNER.



RECORD DRAWINGS



POPE RESOURCES LP / OPG PROPERTIES LLC



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 CHECKED BY: J. LAPLANTE
 APPROVED BY: J. LAPLANTE
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PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS

TESC DETAILS

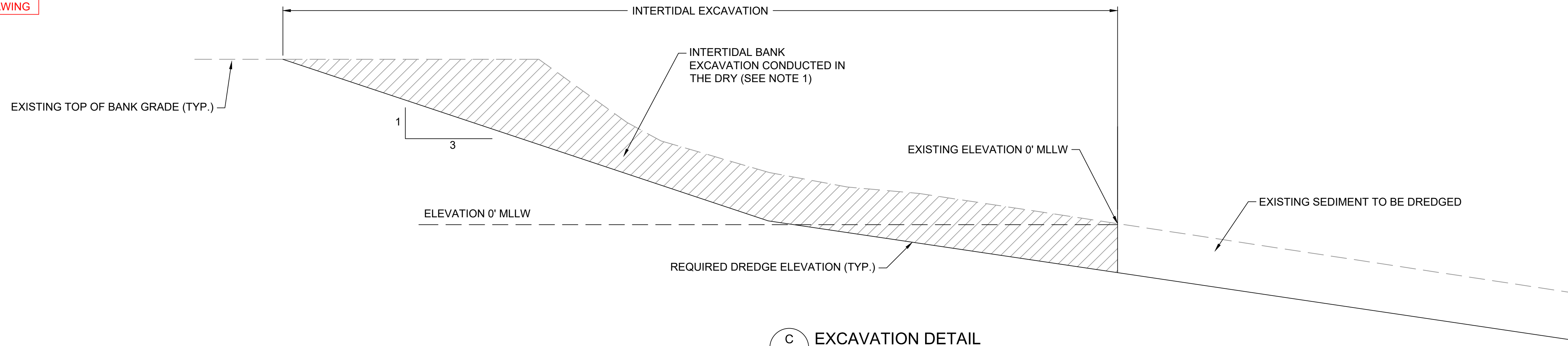
C-12

SHEET NO. 22 OF 24

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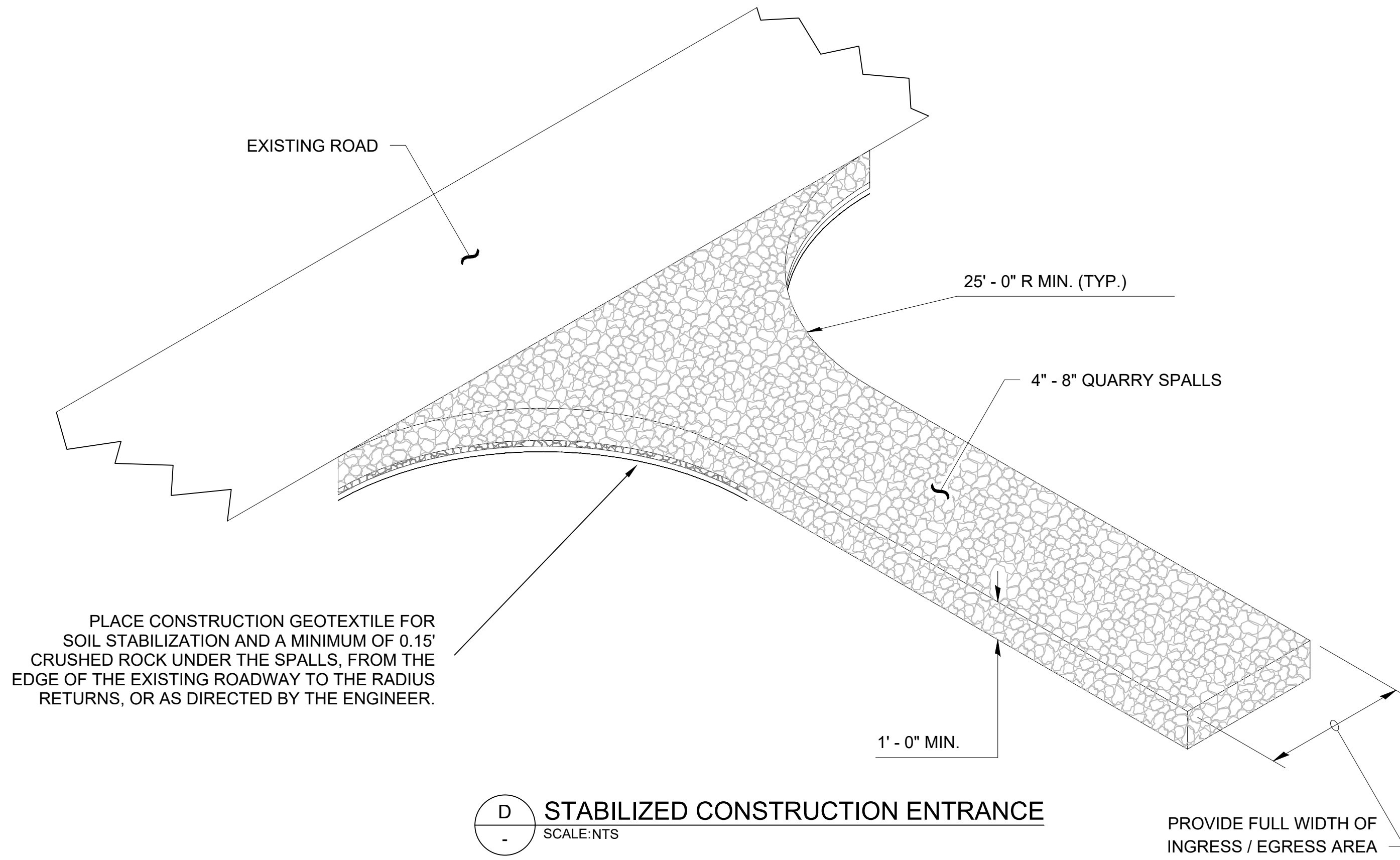
ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

NO CHANGES TO THIS DRAWING



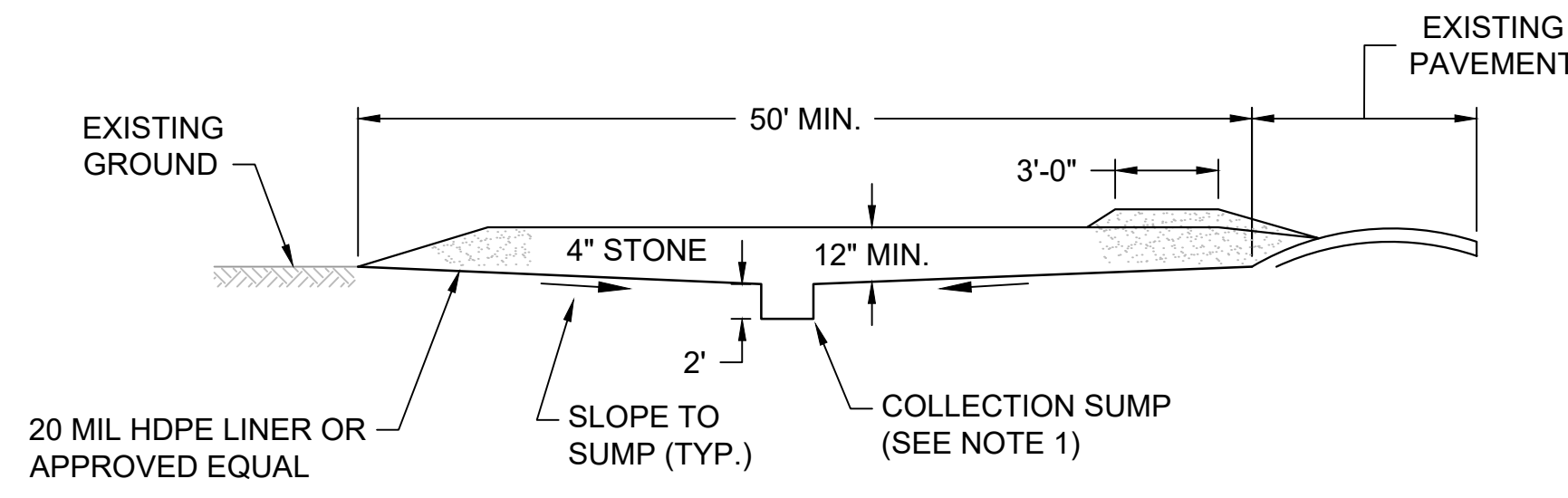
C EXCAVATION DETAIL
SCALE: NTS

- NOTES:
1. FOR EXISTING ELEVATION 0' MLLW AND HIGHER, EXCAVATE IN THE DRY. IF THE REQUIRED DREDGE ELEVATION BENEATH THE EXISTING ELEVATION 0' MLLW CANNOT BE PRACTICABLY ACHIEVED IN THE DRY, DREDGE EQUIPMENT MAY BE USED.
 2. PLACE A MINIMUM OF 6" OF FILTER MATERIAL WITHIN THE SAME TIDAL CYCLE OVER THE NEWLY-EXCAVATED SURFACE, FOLLOWING CONFIRMATION THE REQUIRED DREDGE ELEVATIONS HAVE BEEN ACHIEVED.
 3. IF IN THE DRY EXCAVATION DOWN TO THE REQUIRED DREDGE ELEVATIONS IS NOT ACHIEVED PRIOR TO THE INCOMING TIDE, THE CONTRACTOR SHALL PROTECT THE NEWLY-EXCAVATED SURFACE UNTIL THE SUBSEQUENT LOW WATER WORK PERIOD.

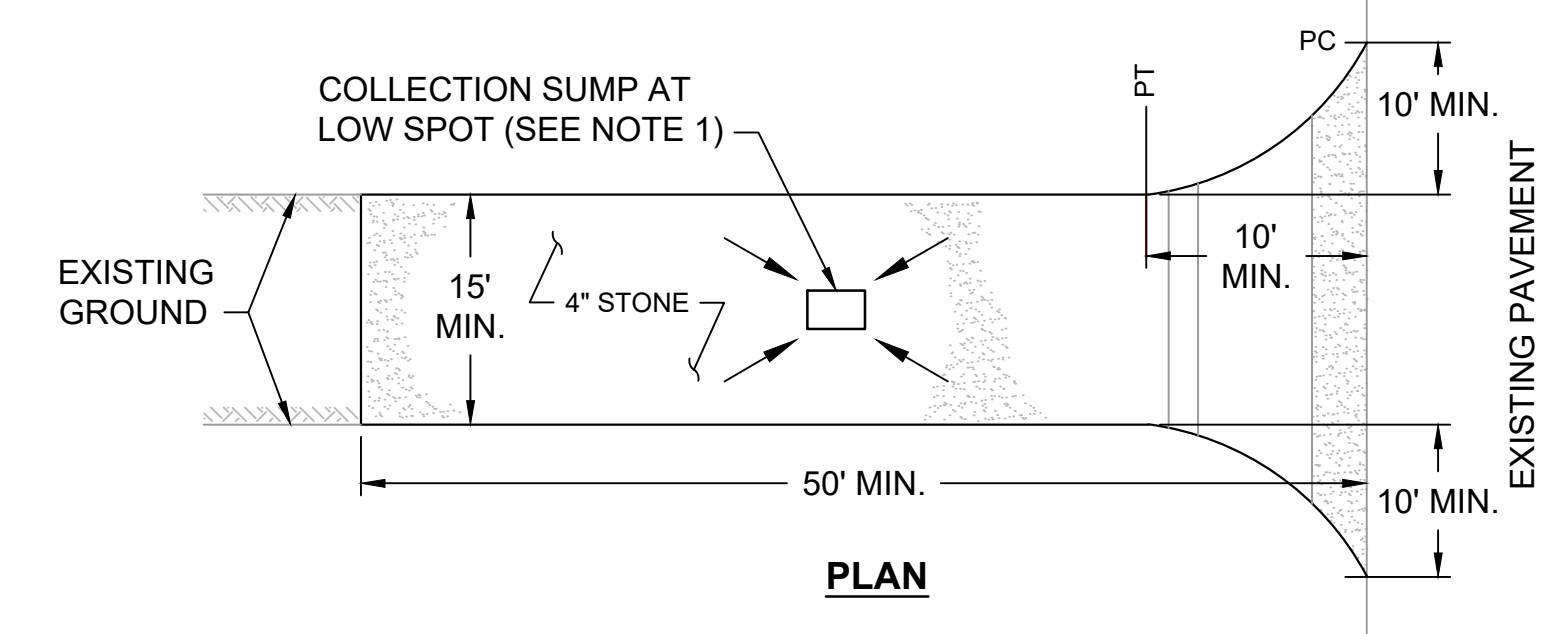


D STABILIZED CONSTRUCTION ENTRANCE
SCALE: NTS

- NOTES:
1. A STABILIZED ENTRANCE, SUCH AS THE DETAIL SHOWN, SHALL BE CONSTRUCTED, IF NECESSARY, AT THE ENGINEER'S DIRECTION TO PREVENT TRACKING OF SOIL ONTO PUBLIC ROADWAYS AND TO PREVENT EROSION AND RUNOFF FROM ACCESS ROUTES.



PROFILE



PLAN

- TRUCK WASH STATION NOTES:**
1. WASH STATION SHALL BE CONSTRUCTED WITH A 20 MIL HDPE LINER SYSTEM TO DRAIN TO 2' DEEP HDPE LINED COLLECTION SUMP. DECONTAMINATION WATER IN THE COLLECTION SUMP SHALL BE DISPOSED OF AT THE APPROVED AND PERMITTED DISPOSAL FACILITY.
 2. THE TRUCK WASH STATION SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SOIL/DEBRIS ONTO ADJACENT PAVED AREAS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF THE COLLECTION SUMP. ALL SOIL/DEBRIS SPILLED, DROPPED, WASHED OR TRACKED ONTO ADJACENT PAVEMENT MUST BE REMOVED IMMEDIATELY.
 3. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
 4. STONE AND ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF AT AN APPROPRIATE DISPOSAL FACILITY AT THE CONCLUSION OF THE PROJECT.

E TRUCK WASH STATION - TYP.
SCALE: NTS

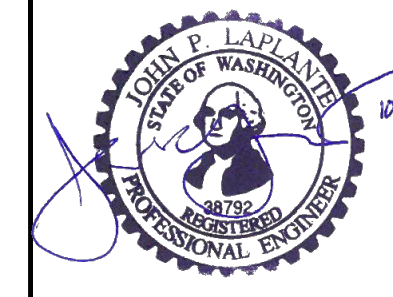
ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

RECORD DRAWINGS

K:\Projects\0388-Port Gamble Sediment Cleanup RFP\Construction Plans\As-Built\0388-C-15 (Detail).dwg C-13 Jan 04, 2018 9:57am chewett



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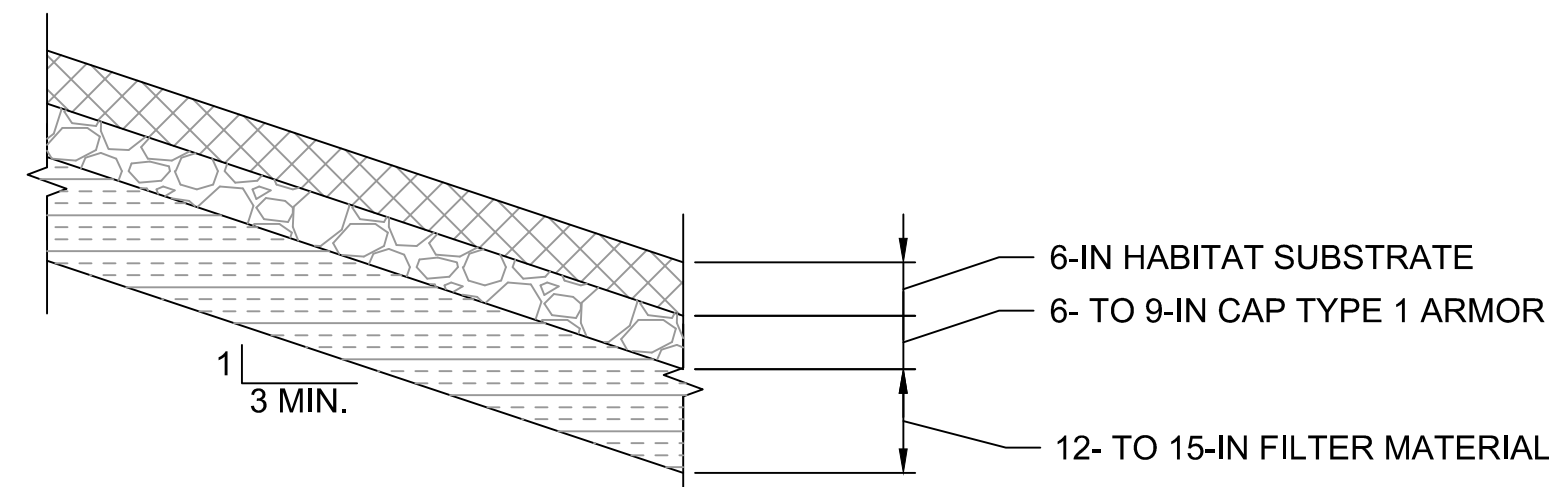
DESIGNED BY: R. PICKERING
DRAWN BY: C. HEWETT
CHECKED BY: J. LAPLANTE
APPROVED BY: J. LAPLANTE
SCALE: AS NOTED
DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

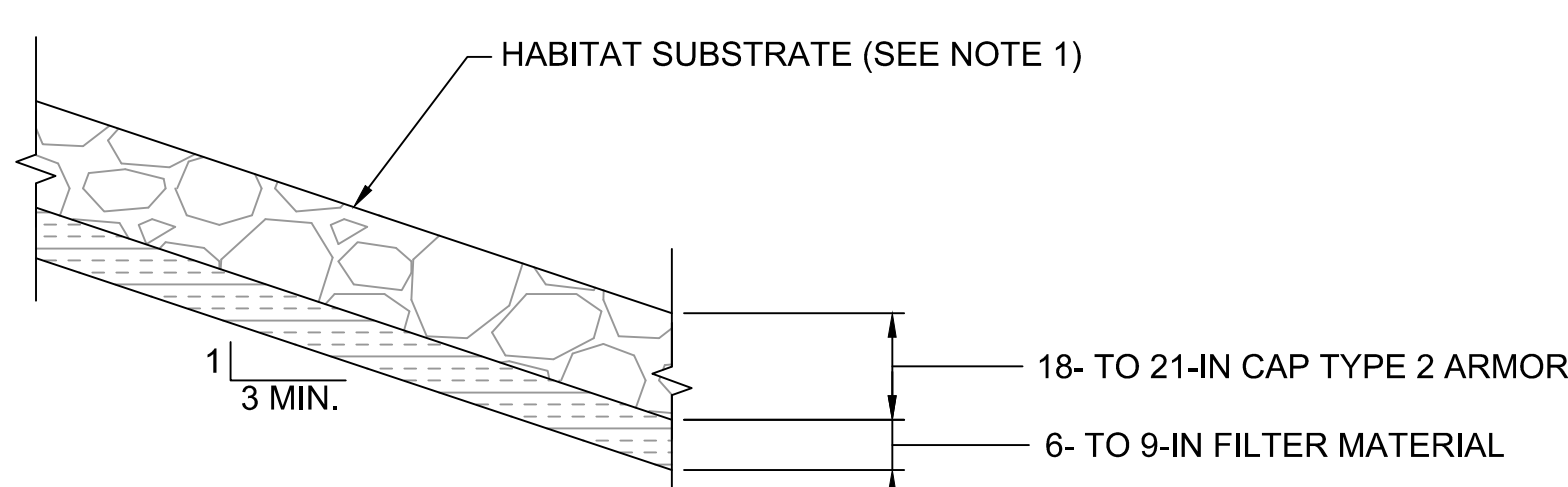
MISCELLANEOUS DETAILS

C-13

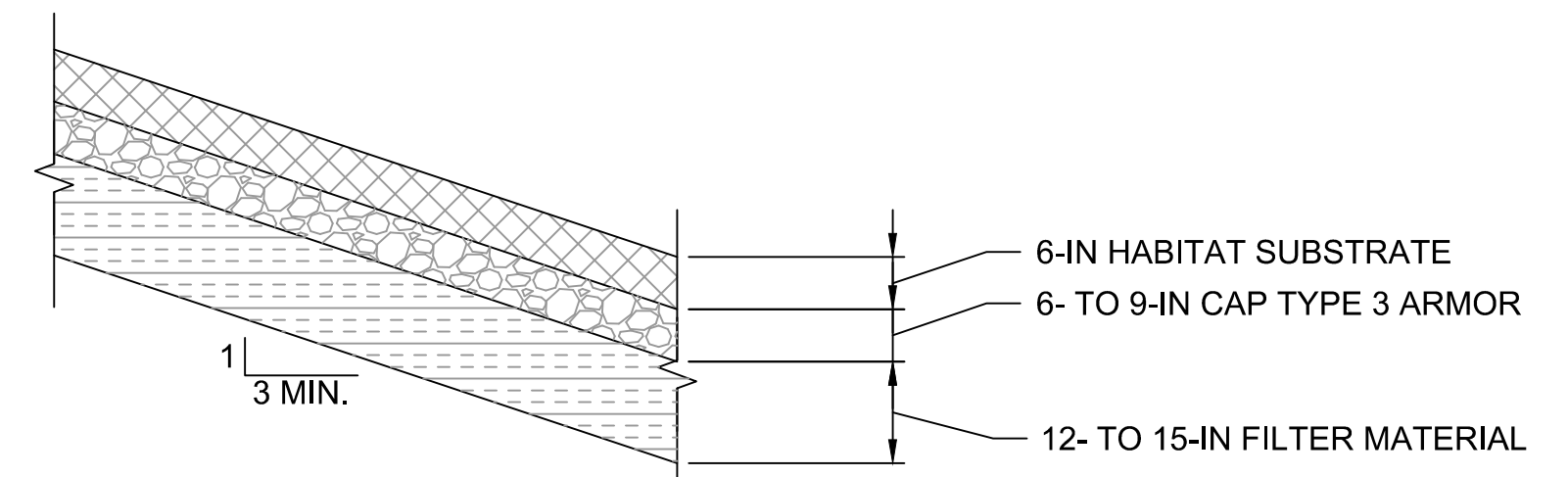
SHEET NO. 23 OF 24



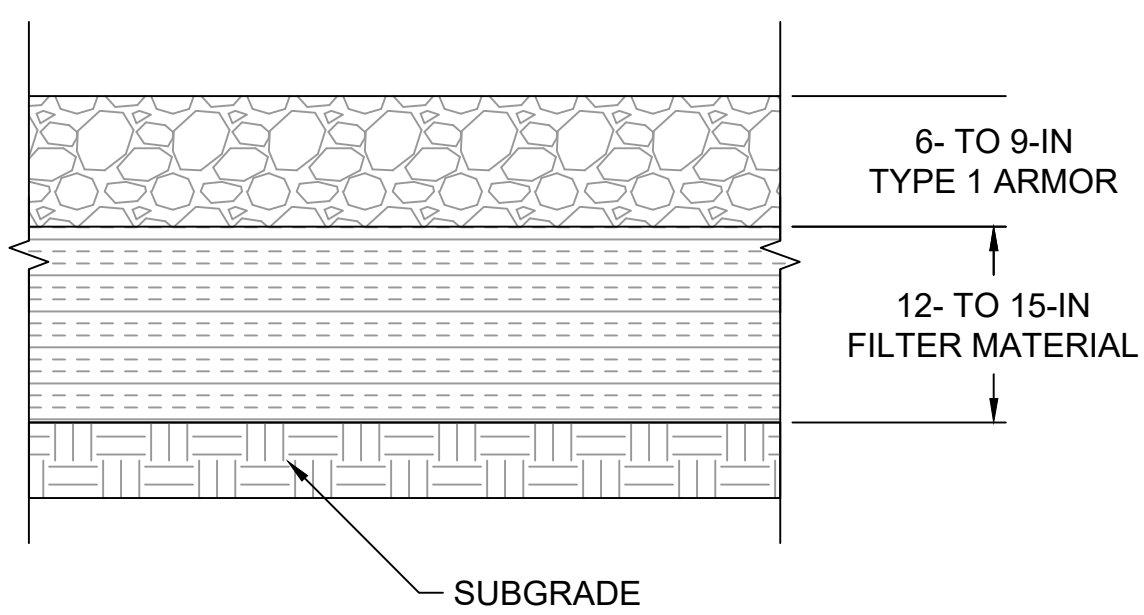
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C-07/C-08 SCALE:NTS



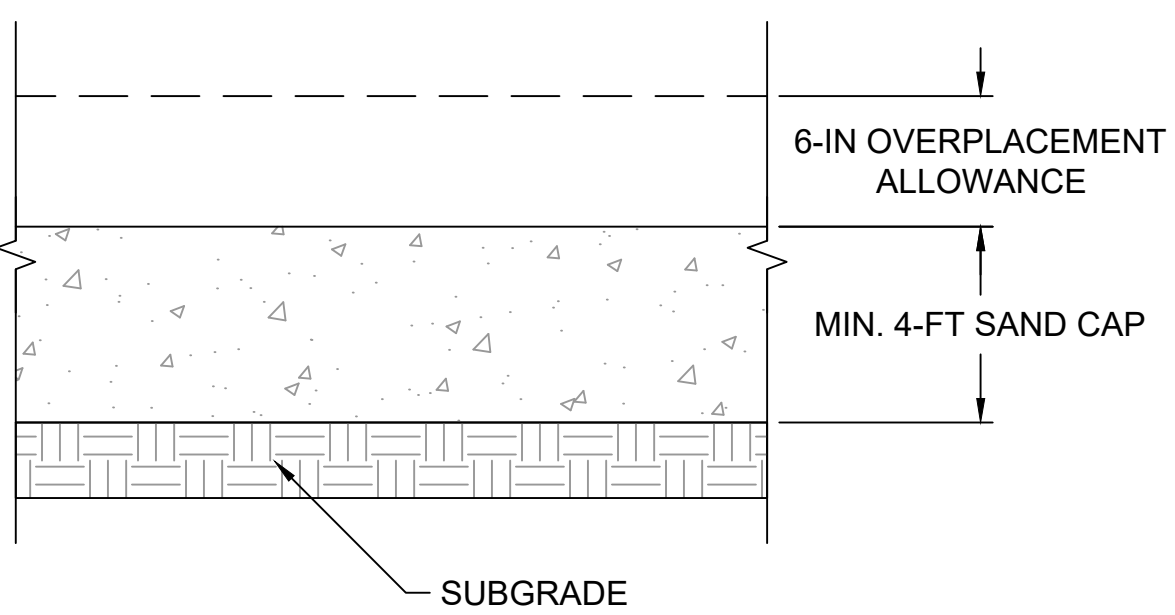
G INTERTIDAL CAP TYPE 2
C-07 TO C-11 SCALE:NTS
NOTE: PLACE NOMINAL 6 INCHES OF HABITAT SUBSTRATE TO FILL INTERSTITIAL SPACES IN TYPE 2 ARMOR.



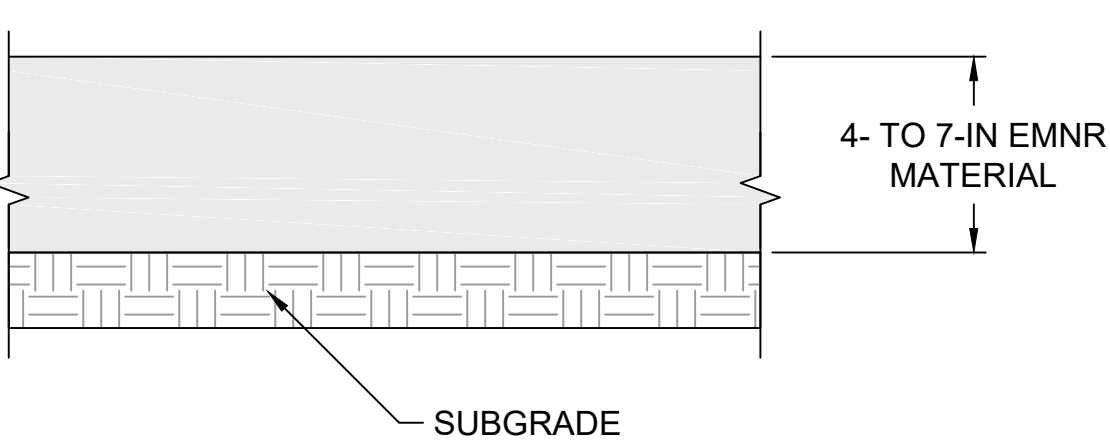
H INTERTIDAL CAP TYPE 3
C-07 TO C-11 SCALE:NTS



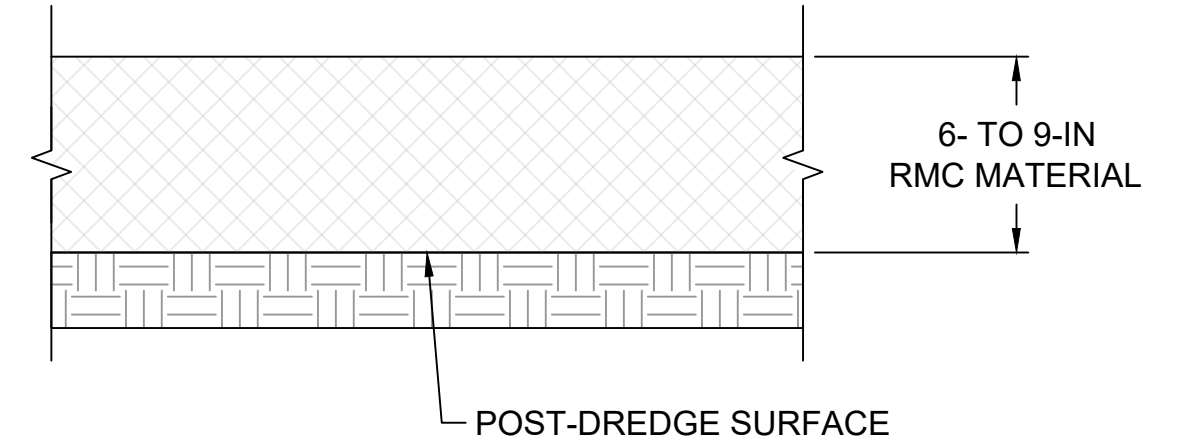
I SMA-1 SUBTIDAL CAP
C-07 SCALE:NTS



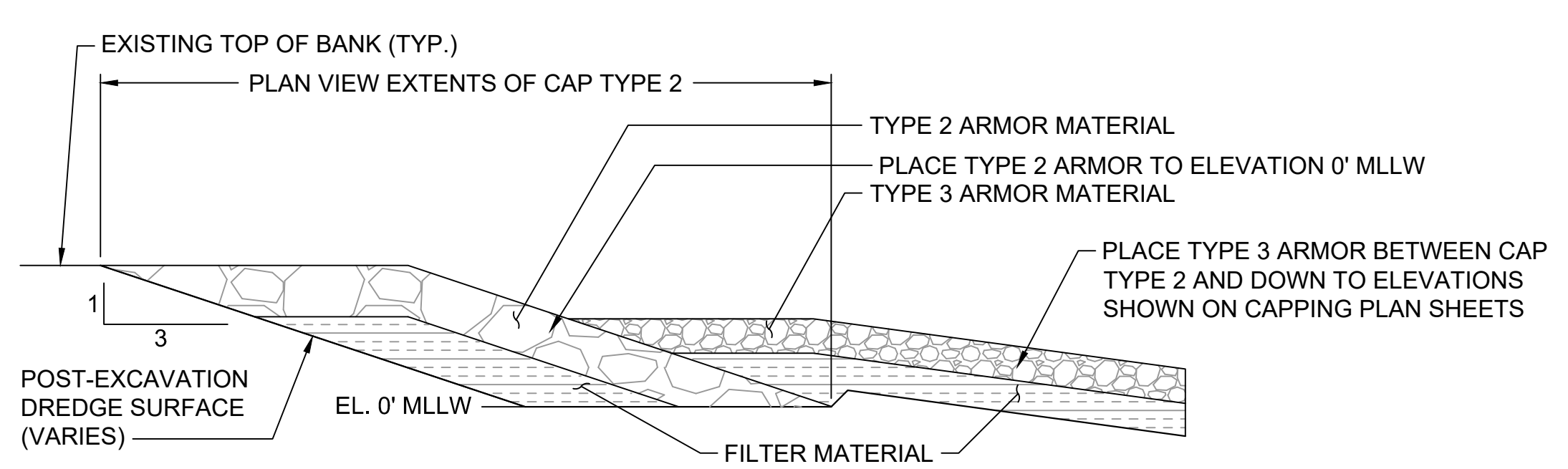
J SMA-2 SUBTIDAL CAP
C-09 TO C-11 SCALE:NTS



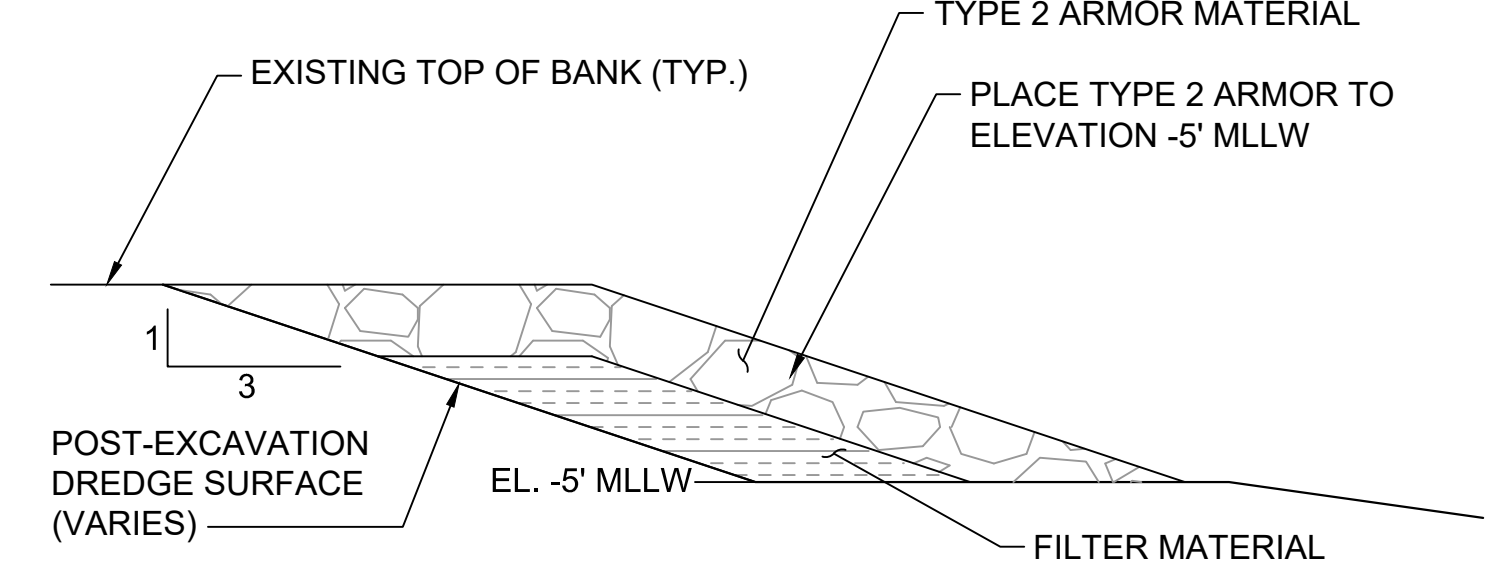
K EMNR MATERIAL PLACEMENT
C-09 TO C-11 SCALE:NTS



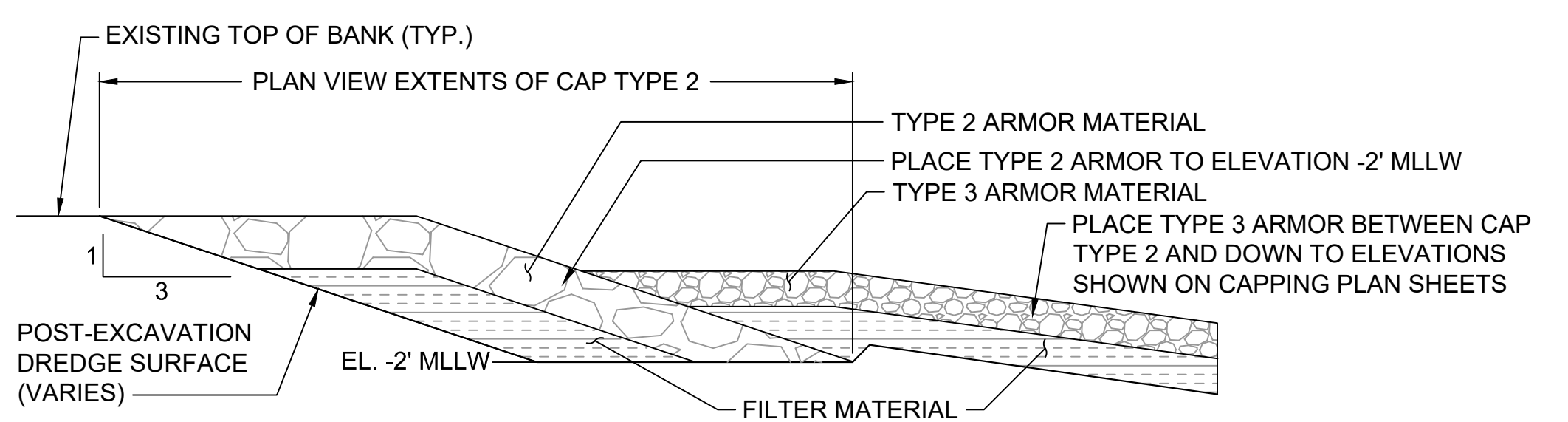
L RMC MATERIAL PLACEMENT
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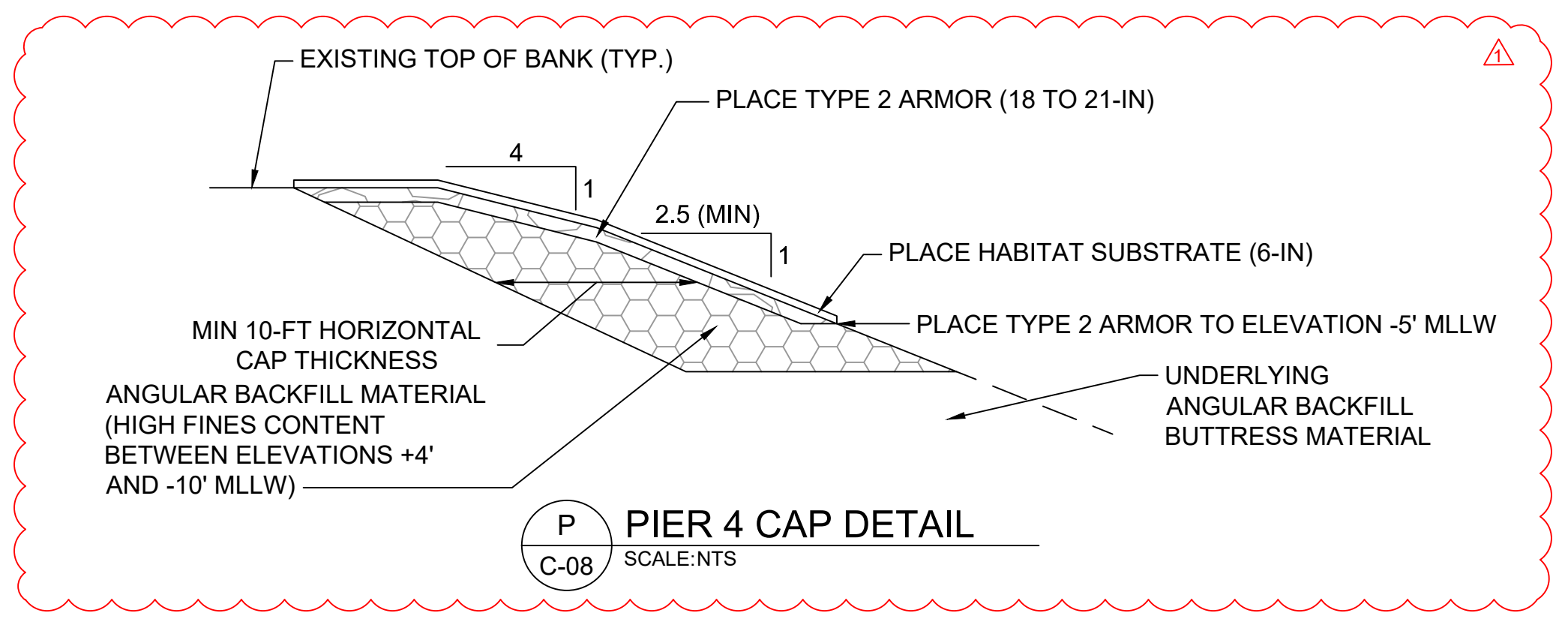
M ARMOR TOE DETAIL 1
C-06 TO C-10 SCALE:NTS



N ARMOR TOE DETAIL 2
C-06 TO C-10 SCALE:NTS



O ARMOR TOE DETAIL 3
C-06 TO C-10 SCALE:NTS



P PIER 4 CAP DETAIL
C-08 SCALE:NTS

RECORD DRAWINGS



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DRAWN BY: C. HEWETT
CHECKED BY: J. LAPLANTE
APPROVED BY: J. LAPLANTE
SCALE: AS NOTED
DATE: OCTOBER 2017

**PORT GAMBLE BAY CLEANUP
RECORD DRAWINGS**

CAP DETAILS

C-14

SHEET NO. 24 OF 24

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Jan 04, 2018 9:57am chewett

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY