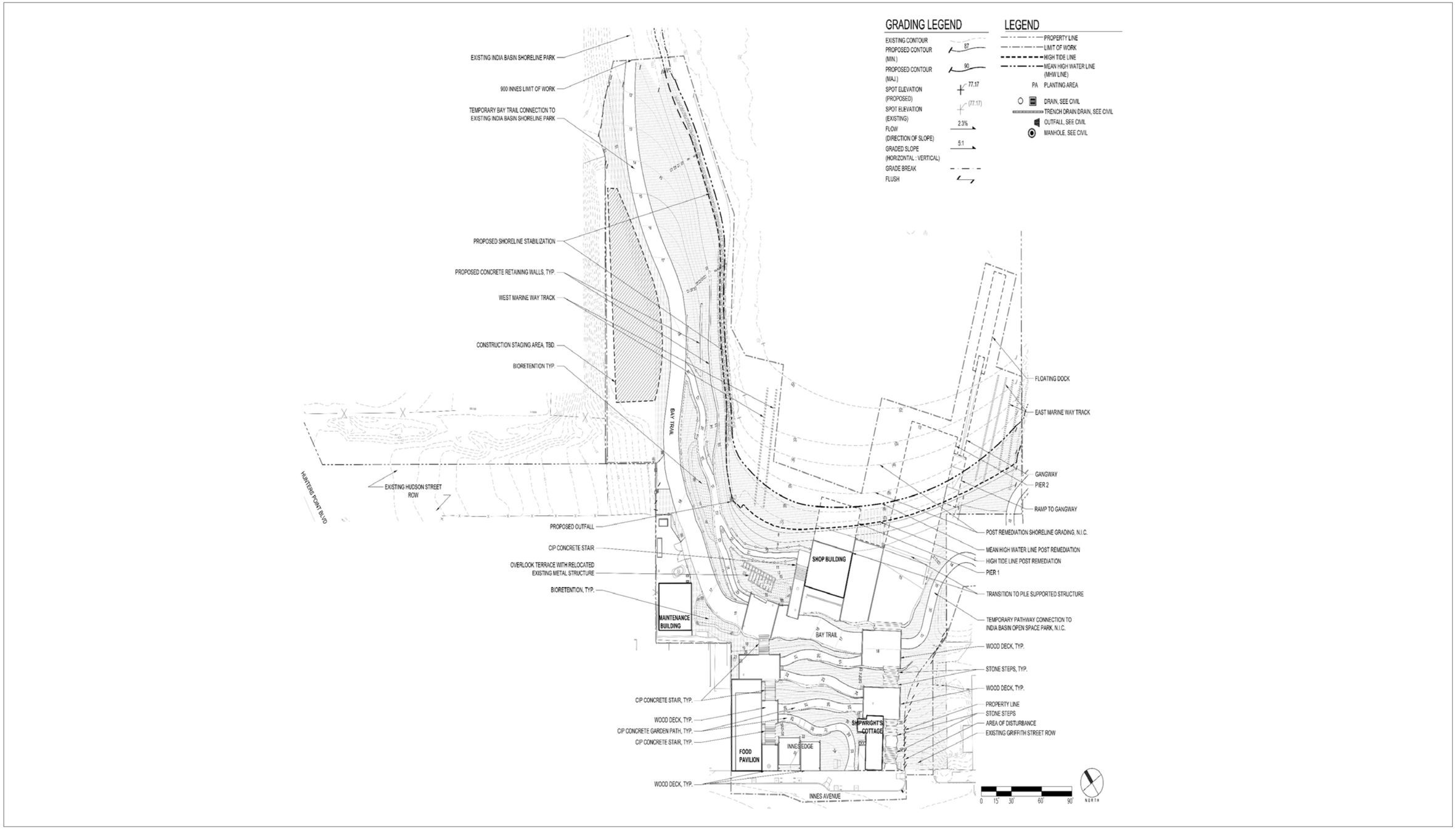

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Figure 4
Overall Site Plan
Permit Supplement
900 Innes Park Redevelopment Project

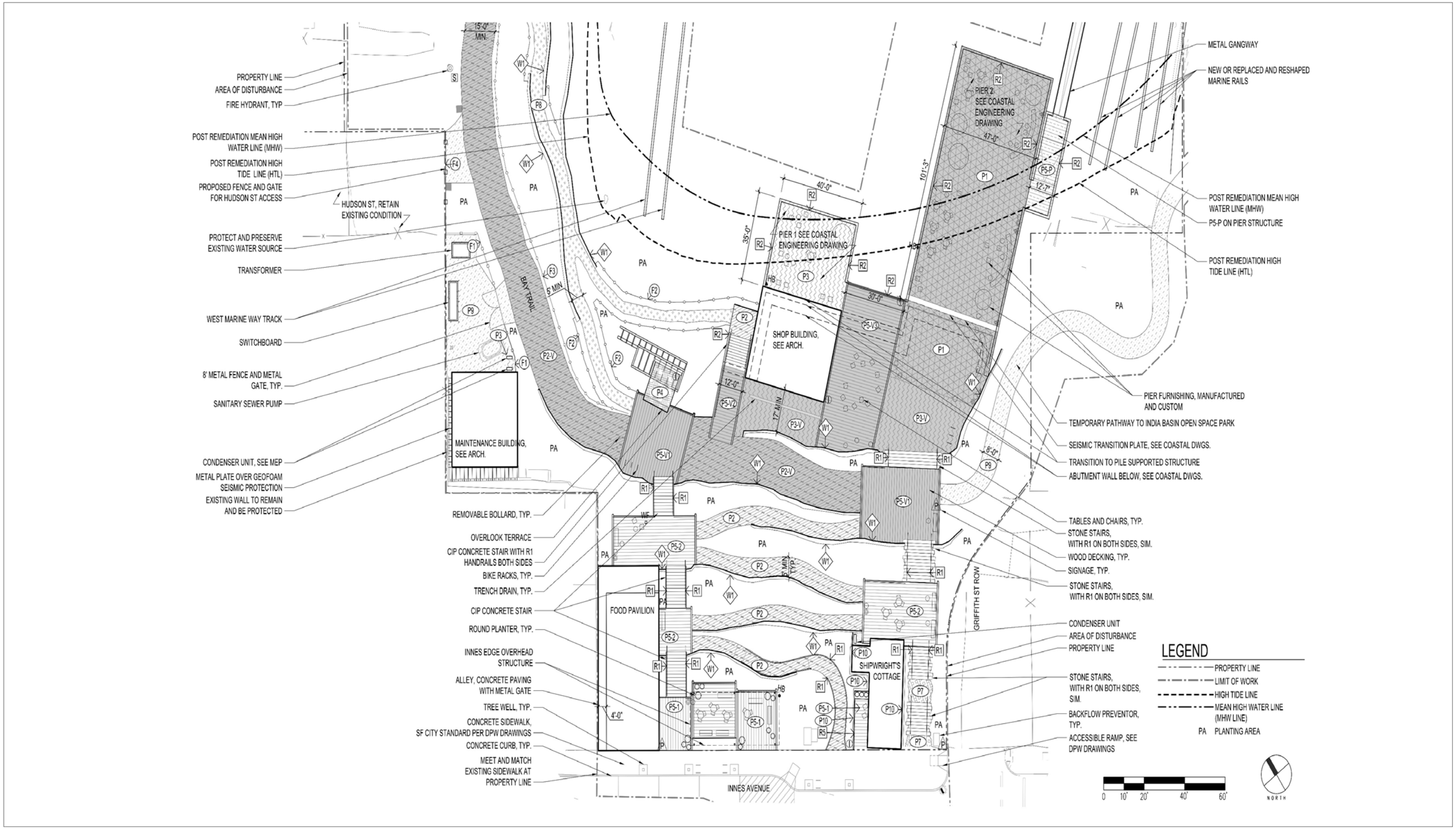

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Figure 5
Upland Components Site Plan
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1 EARTHWORK SUMMARY
SCALE: 1"=40'

ELEVATIONS TABLE

NUMBER	CUT/FILL RANGE (FT)	CUT/FILL RANGE (FT)	AREA (SQFT)	COLOR
1	-12.000	-9.000	0.39	
2	-9.000	-6.000	693.07	
3	-6.000	-3.000	1427.90	
4	-3.000	0.000	26054.92	
5	0.000	3.000	32041.84	
6	3.000	6.000	6746.90	
7	6.000	9.000	1856.24	
8	9.000	12.000	284.67	
9	12.000	15.000	78.78	

EARTHWORK VOLUMES

RAW CUT	1169 CY
RAW FILL	3099 CY
TOTAL NET	1930 CY (FILL)

EARTHWORK ASSUMPTIONS

1. EARTHWORK SURFACE COMPARES EXISTING FINISH GRADE (AFTER COMPLETION OF THE REMEDIATION CONTRACT AS SHOWN IN PLANS INDIA BASIN - 900 INNES VOLUNTARY CLEANUP PROJECT BY ANCHOR QEA) TO PROPOSED FINISH GRADE. SUBGRADE VOLUMES ARE NOT INCLUDED.
2. SHERWOOD DESIGN ENGINEERS IS NOT AN ENGINEERING CONTRACTOR, NOR SHOULD OUR RENDERING OF CUT AND FILL EARTHWORK VOLUMES BE CONSIDERED EQUIVALENT TO THE NATURE AND EXTENT OF SERVICE AN ENGINEERING CONTRACTOR WOULD PROVIDE.
3. THIS ESTIMATE IS BASED SOLELY ON OUR OWN ANALYSIS, WHICH IS AS ACCURATE AS THE INFORMATION PROVIDED TO US IN REGARDS TO EXISTING TOPOGRAPHY AND CONCEPTUAL GRADING.
4. THIS ANALYSIS WILL NOT REFLECT THE LOCALIZED SITE CONDITIONS NOT REPRESENTED ON THE TOPOGRAPHIC SURVEY, NOR DOES IT TAKE INTO EFFECT FACTORS SUCH AS SHRINKAGE, SWELL, LOSS DURING TRANSPORT AND SUBSIDENCE, UNLESS OTHERWISE STATED ON QUANTITIES TABLE ABOVE.
5. THIS EARTHWORK VOLUME ANALYSIS SHOULD NOT BE USED FOR BID PURPOSES. DUE TO THESE FACTORS, SHERWOOD DESIGN ENGINEERS CANNOT GUARANTEE THE ACCURACY OF OUR EARTHWORK VOLUME ESTIMATE BEYOND USE AS A PLANNING TOOL.
6. THIS EARTH VOLUME ANALYSIS DOES NOT INCLUDE VOLUMES FOR TRENCH SPOILS, EXCAVATION/BACKFILL FOR RETAINING WALLS, STAIRS, ELEVATED WALKWAY PIERS, TOPSOIL OR THE USE OF GEOFOAM.
7. THE PROJECT TOTAL EARTH WORK IS THE ADDITION OF THE EARTH WORK REQUIRED FOR ROUGH GRADING FROM EXISITNG CONDITIONS, AND FOR FINAL CONDITIONS FROM ROUGH GRADING.

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Figure 6
Grading Plan
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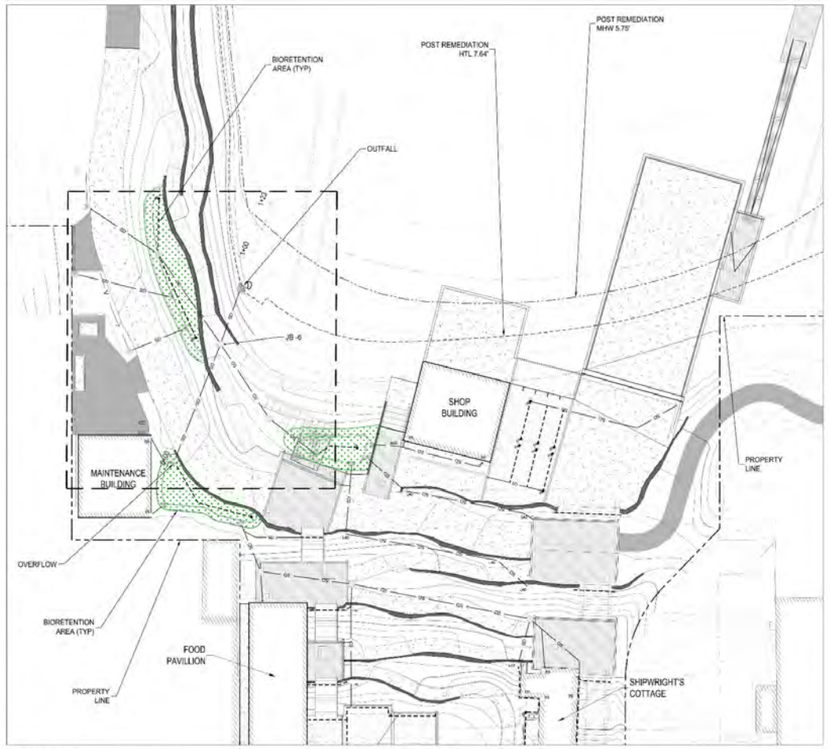
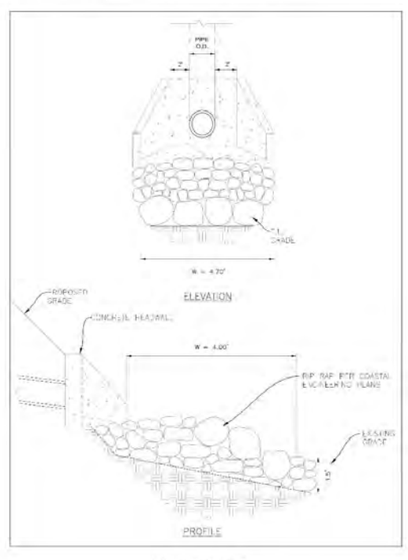


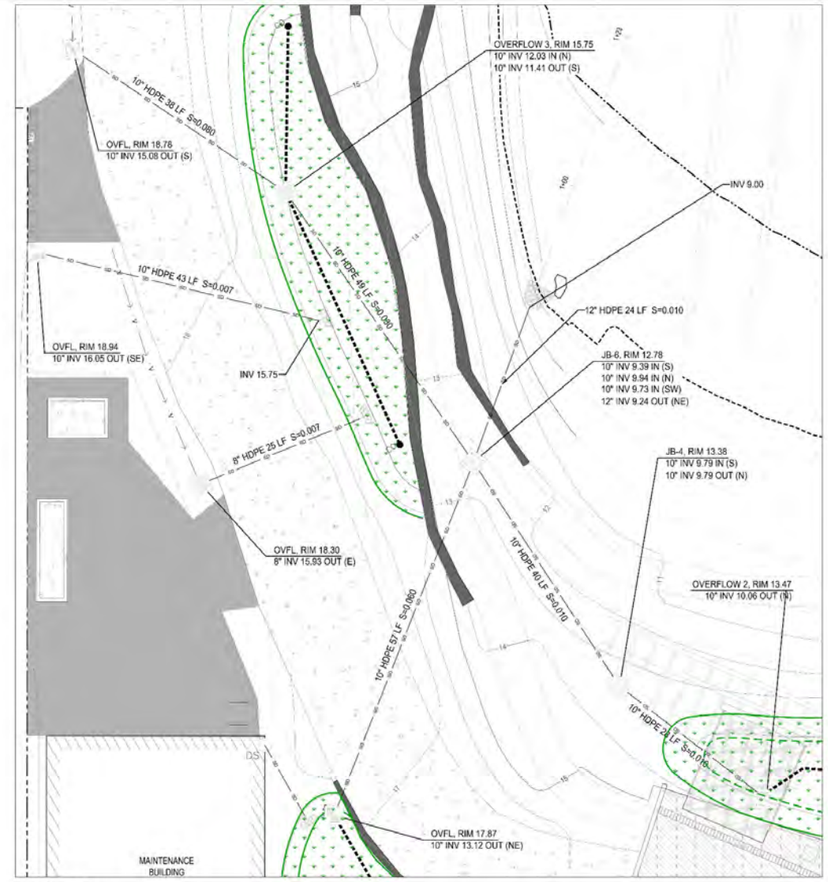
SCALE: 1" = 30'

LEGEND

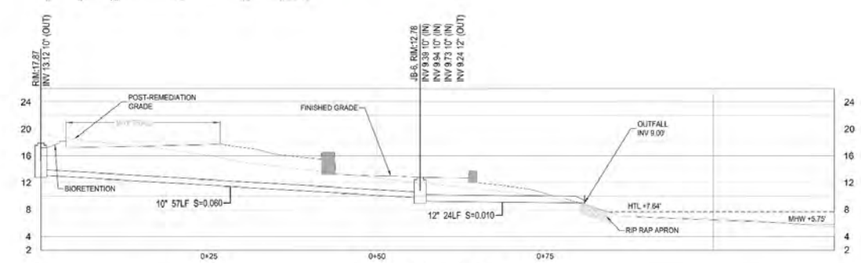
- PROPERTY LINE
- MEAN HIGH WATER LINE - POST REMEDIATION
- HIGH TIDE LINE - POST REMEDIATION
- BIORETENTION AREA



RIP RAP APRON DETAIL



SCALE: 1" = 10'



SCALE: 1" : 10'

STORM DRAIN OUTFALL PROFILE

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Figure 7
Stormwater Outfall Plan
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Figure 8
In-Water Improvements (MHW)
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Figure 9
In-Water Improvements (HTL)
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