



State of Rhode Island  
**Coastal Resources Management Council**  
Oliver H. Stedman Government Center  
4808 Tower Hill Road, Suite 3  
Wakefield, RI 02879-1900

(401) 783-3370  
Fax (401) 783-2069

### **PUBLIC NOTICE**

File Number: 2025-10-002 Date: November 14, 2025

This office has under consideration the application of:

City of Pawtucket  
137 Roosevelt Avenue  
Pawtucket, RI 02860

for a State of Rhode Island Assent to construct and maintain: Completion of the remaining landscaping/hardscaping activities from the prior assent #2021-08-048 and current assent #2025-02-055, including a 15 ft wide porous asphalt river walk, paver plaza area, wood amphitheater overlook and boardwalk area. Additional features include benches, lighting, landscaping and grading. Also work includes the maintenance activities for the existing walls (542 +/- feet) along the river.

Project Location:	Taft Street
City/Town:	Pawtucket
Plat/Lot:	54 / 827
Waterway:	Seekonk River

Plans of the proposed work can be requested at [Cstaff1@crmc.ri.gov](mailto:Cstaff1@crmc.ri.gov).

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before November 29, 2025.

Please email your comments/hearing requests to: [cstaff1@crmc.ri.gov](mailto:cstaff1@crmc.ri.gov); or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.

/bms

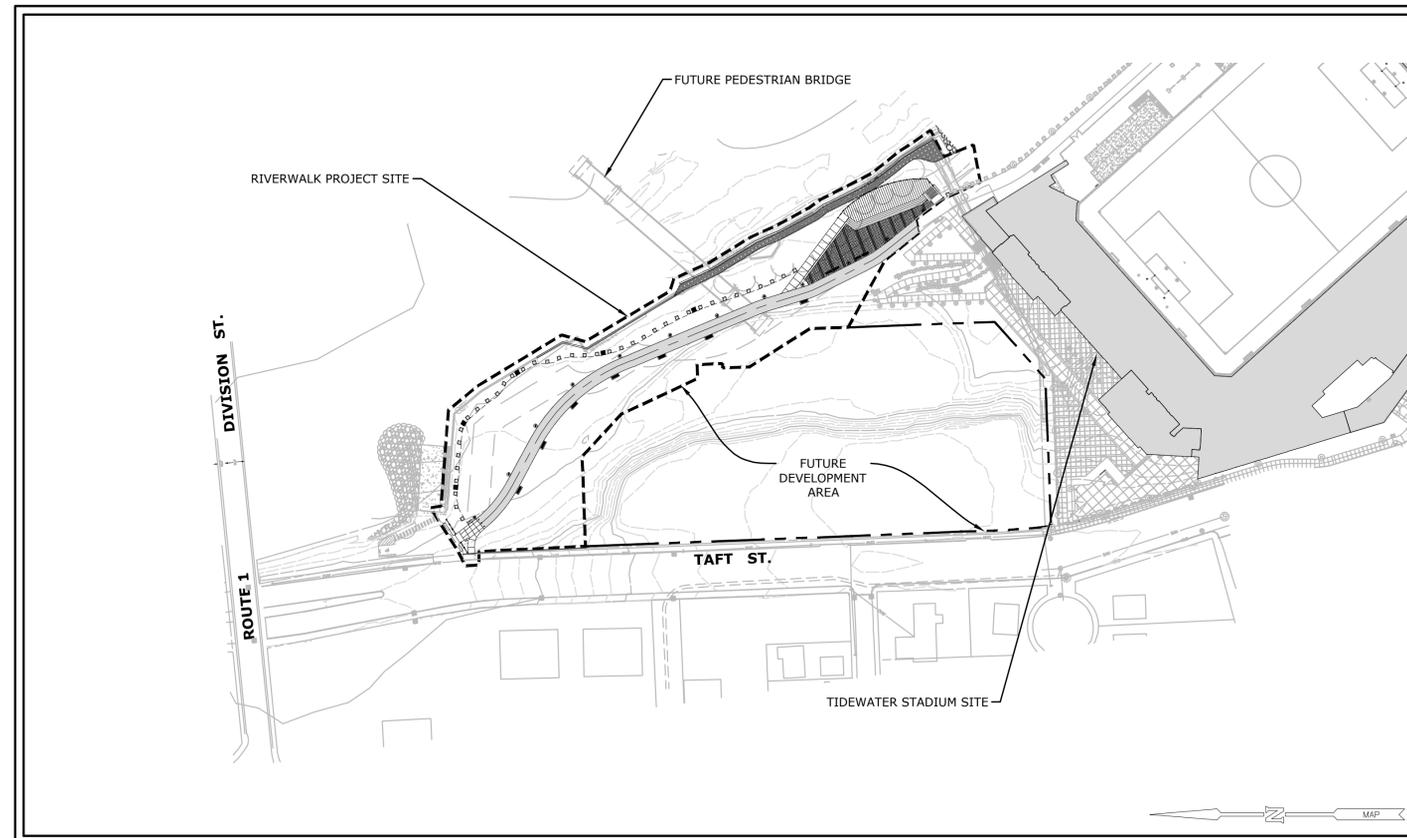
# TIDEWATER RIVER WALK WEST SITE IMPROVEMENTS

## TAFT STREET PAWTUCKET, RI

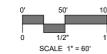
PERMIT DRAWINGS  
SEPTEMBER 26, 2025

### GENERAL NOTES

- THE SITE IS LOCATED ON THE CITY OF PAWTUCKET ASSESSOR'S PLAT/MAP 54+58 LOT/PARCEL 827+826.
- THE SITE IS APPROXIMATELY 2 ACRES AND IS ZONED RIVERFRONT TIDEWATER ZONE (RTW) .
- THE OWNER OF AP/MAP 58 LOT/PARCEL 826 IS:  
NARRAGANSET ELECTRICAL COMPANY DBA: NATIONAL GRID  
40 SYLVAN ROAD  
WALTHAM, MA, 02451
- THE OWNER OF AP/MAP 54 LOT/PARCEL 827 IS:  
CITY OF PAWTUCKET  
137 ROOSEVELT AVENUE  
PAWTUCKET, RI, 02860
- THIS SITE IS LOCATED IN FEMA FLOOD ZONES VE-13, AE-12 AND X. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44007C03071, MAP REVISED OCTOBER 2, 2015.
- THE PROPERTY REQUIRES REMEDIAL ACTION AND OVERSIGHT FOR COMPLIANCE WITH THE RIDEM. A COMBINATION OF ENGINEER CONTROLS WILL BE IMPLEMENTED DURING CONSTRUCTION AS DESCRIBED IN THE REMEDIAL ACTION WORK PLAN APPROVED BY THE RIDEM. REFER TO REMEDIAL APPROVAL LETTER - FILE NO. SR-26-1570 DATED SEPTEMBER 14, 2022, FROM RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT - OFFICE OF LAND REVITALIZATION & SUSTAINABLE MATERIALS MANAGEMENT.
- THE BOUNDARY LINES AS SHOWN ON THE ENGINEERING PLAN SET DEPICTS THE RESULTS OF A CLASS 1 BOUNDARY SURVEY AS PERFORMED BY BRYANT ASSOCIATES ON A MAP DATED MAY 28, 2020.
- EXISTING TOPOGRAPHIC INFORMATION IS TAKEN FROM LIMITED BATHYMETRIC AND SHORELINE SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON OCTOBER 11 & 12, 2017 REPRESENTING CONDITIONS AT THE TIME OF THE SURVEY
- HORIZONTAL DATUM: NORTH ARROW, BEARINGS AND COORDINATES ARE BASED UPON THE RHODE ISLAND STATE PLANE COORDINATE SYSTEM (NAD 1983).  
VERTICAL DATUM: CONTOURS AND BENCH MARK ARE BASED UPON NAVD 1988.
- INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION, MAY BE INCOMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "DIG SAFE", 1-888-DIGSAFE (1-888-344-7233). ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- ALL WORK PERFORMED HEREIN IS TO BE GOVERNED BY CURRENT EDITIONS OF THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CITY OF PAWTUCKET STANDARD SPECIFICATIONS AND DETAILS AND SPECIFICATIONS INCLUDED AS PART OF THE DRAWINGS. IN AREAS OF CONFLICT BETWEEN THE DIFFERENT SPECIFICATIONS, THE DESIGN PLANS AND PROJECT SPECIFICATIONS WILL TAKE PRECEDENCE OVER THE GENERAL SPECIFICATIONS AND THE DESIGN ENGINEER WILL INTERPRET THE CONSTRUCTION REQUIREMENT. THE CONTRACTOR IS ADVISED TO SUBMIT A REQUEST FOR INFORMATION (RFI) FOR ANY AREAS OF CONFLICT BEFORE COMMITTING TO CONSTRUCTION.
- THE FOLLOWING DOCUMENTS ARE CONSIDERED PART OF THE PROJECT PLANS AND THE CONTRACTOR/OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL PLAN SET:  
SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC). THE SESC CONTAINS THE FOLLOWING:  
#1.EROSION CONTROL MEASURES  
#2.SHORT TERM MAINTENANCE  
#3.ESTABLISHMENT OF VEGETATIVE COVER  
#4.CONSTRUCTION POLLUTION PREVENTION  
#5.SEQUENCE OF CONSTRUCTION  
STORMWATER OPERATION AND MAINTENANCE PLAN (O&M). THE O&M CONTAINS:  
#1.LONG TERM MAINTENANCE  
#2.LONG TERM POLLUTION PREVENTION
- THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT: [HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP](http://www.dot.ri.gov/business/contractorsandconsultants.php).
- THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE CITY OF PAWTUCKET SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF CATCH BASINS, CULVERTS, AND UNDERGROUND DRAINAGE SYSTEMS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
- SLR CONSULTING ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
- ALL UTILITY SERVICES ARE TO BE UNDERGROUND. THE EXACT LOCATION AND SIZE OF ELECTRIC, TELEPHONE, CABLE TELEVISION AND GAS ARE TO BE DETERMINED BY THE RESPECTIVE UTILITY COMPANIES.
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 6" SCREENED TOPSOIL, AND BE SEEDED WITH GRASS OR SODDED, AS SHOWN ON THE PLANS.
- ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
- THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
- ALL FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS SHOULD BE STORED IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
- COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITTEE.
- THE CONTRACTOR MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROL UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.



PROJECT SITE VICINITY MAP:



### PROJECT DATA

EXISTING ZONE:	RIVERFRONT TIDEWATER (RTW)
PROPOSED ZONE:	RIVERFRONT TIDEWATER (RTW)

### ZONING DATA

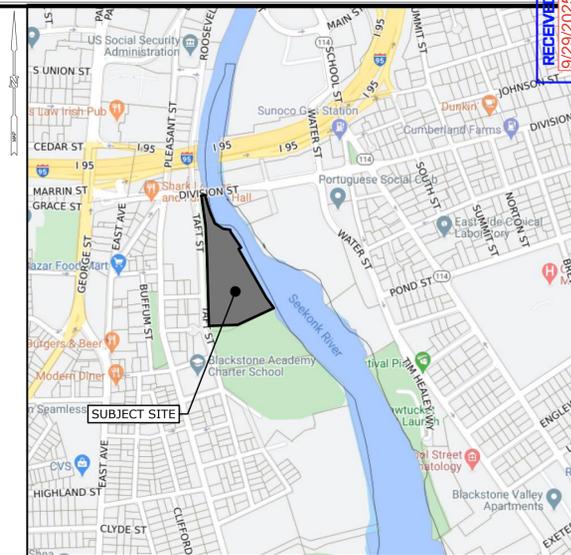
Map 58, Zone 826

DIMENSIONAL CRITERIA	REQUIRED	PROPOSED
MIN LOT AREA	5,000 SF	226,402 SF
MIN LOT FRONTAGE	50 FT	±148 FT
MAX LOT COVERAGE	100%	NO CHANGE
MIN. FRONT SETBACK	0 FT	NO CHANGE
MIN. SIDE SETBACK	0 FT	NO CHANGE
MIN. REAR SETBACK	0 FT	NO CHANGE
MAX BUILDING HEIGHT (MAIN)	120 FT	NO CHANGE
MAX BUILDING HEIGHT (ACCESSORY)	15 FT	NO CHANGE

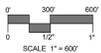
### PREPARED BY:



99 REALTY DRIVE  
CHESHIRE, CT 06410  
203.271.1773  
SLRCONSULTING.COM



LOCATION MAP:



### PREPARED FOR:

CITY OF PAWTUCKET  
137 ROOSEVELT AVE  
PAWTUCKET, 02860

### LIST OF DRAWINGS

NO.	NAME	TITLE
01	--	TITLE SHEET
02	EX	EXISTING CONDITIONS
03	LA	SITE PLAN - LAYOUT
04	LS	SITE PLAN - LANDSCAPING
05	GU	SITE PLAN - GRADING & UTILITIES
06	SE-1	SITE PLAN - SEDIMENT & EROSION CONTROL
07	SE-2	SEDIMENT & EROSION CONTROL DETAILS
08-11	SD-1-4	SITE DETAILS
12-14	STR-1-3	SITE STRUCTURAL DETAILS



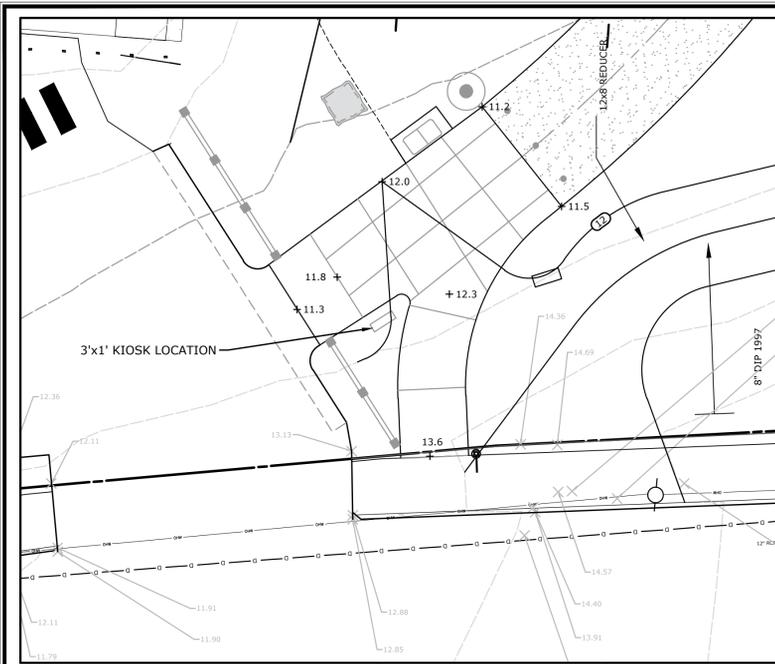
Know what's below.  
Call before you dig.  
[www.cbyd.com](http://www.cbyd.com)

RECEIVED  
09/29/2025  
MANAGEMENT COUNCIL









**RIVERWALK ENTRANCE PLAZA ENLARGEMENT**

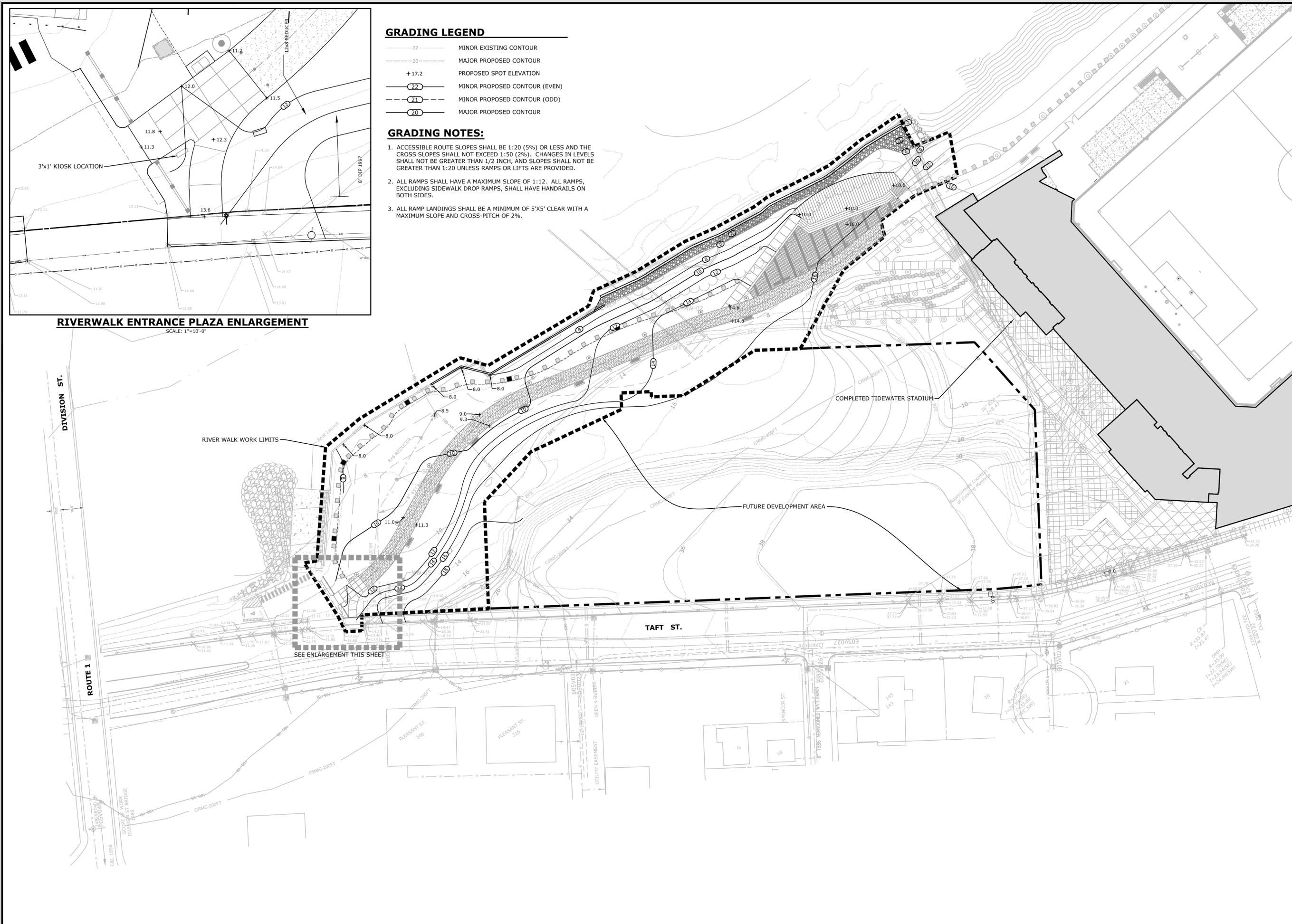
SCALE: 1"=10'-0"

**GRADING LEGEND**

- 22 — MINOR EXISTING CONTOUR
- 20 — MAJOR PROPOSED CONTOUR
- + 17.2 PROPOSED SPOT ELEVATION
- 22 ○ MINOR PROPOSED CONTOUR (EVEN)
- 21 ○ MINOR PROPOSED CONTOUR (ODD)
- 20 ○ MAJOR PROPOSED CONTOUR

**GRADING NOTES:**

1. ACCESSIBLE ROUTE SLOPES SHALL BE 1:20 (5%) OR LESS AND THE CROSS SLOPES SHALL NOT EXCEED 1:50 (2%). CHANGES IN LEVELS SHALL NOT BE GREATER THAN 1/2 INCH, AND SLOPES SHALL NOT BE GREATER THAN 1:20 UNLESS RAMPS OR LIFTS ARE PROVIDED.
2. ALL RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1:12. ALL RAMPS, EXCLUDING SIDEWALK DROP RAMPS, SHALL HAVE HANDRAILS ON BOTH SIDES.
3. ALL RAMP LANDINGS SHALL BE A MINIMUM OF 5'X5' CLEAR WITH A MAXIMUM SLOPE AND CROSS-PITCH OF 2%.



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9/29/2025  
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SLR  
99 REALTY DRIVE  
SUITE 100  
203 271 1773  
SILICONCONSULTING.COM

DESCRIPTION	DATE	BY

**SITE PLAN - GRADING & UTILITIES**

**TIDEWATER RIVER WALK WEST**

**SITE IMPROVEMENTS**

TAFT STREET  
PANTUCKET, RI

BK	PJP	BK
DESIGNED	DRAWN	CHECKED
SCALE: 1"=40'		
DATE: SEPTEMBER 26, 2025		
PROJECT NO: 141.21894.00001		
SHEET NO: 05 OF 14		
GU		

**SOIL EROSION CONTROL LEGEND**

- DIVERSION RUNOFF CONVEYANCE MEASURE (SWALE AND/OR BERM)
- TEMPORARY SEDIMENT TRAP
- EROSION CONTROL (COMPOST SOCK, SILT FENCE (RI STD 9.2.0, OR APPROVED EQUAL))
- LIMIT OF DISTURBANCE (NO SEDIMENT CONTROL)
- LIMIT OF DISTURBANCE (WITH SEDIMENT CONTROL)
- TRIBUTARY AREA TO SESC BMP
- CONSTRUCTION ENTRANCE (RIDOT STD 9.9.0)
- FILTERING BMP (TO BE PROTECTED DURING CONSTRUCTION)
- FINAL CONTOUR GRADE
- INLET SEDIMENT CONTROL
- LIMIT OF WORK COVERED UNDER NATIONAL GRID PERMIT

**SOIL EROSION AND SEDIMENT CONTROL NOTES:**

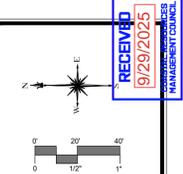
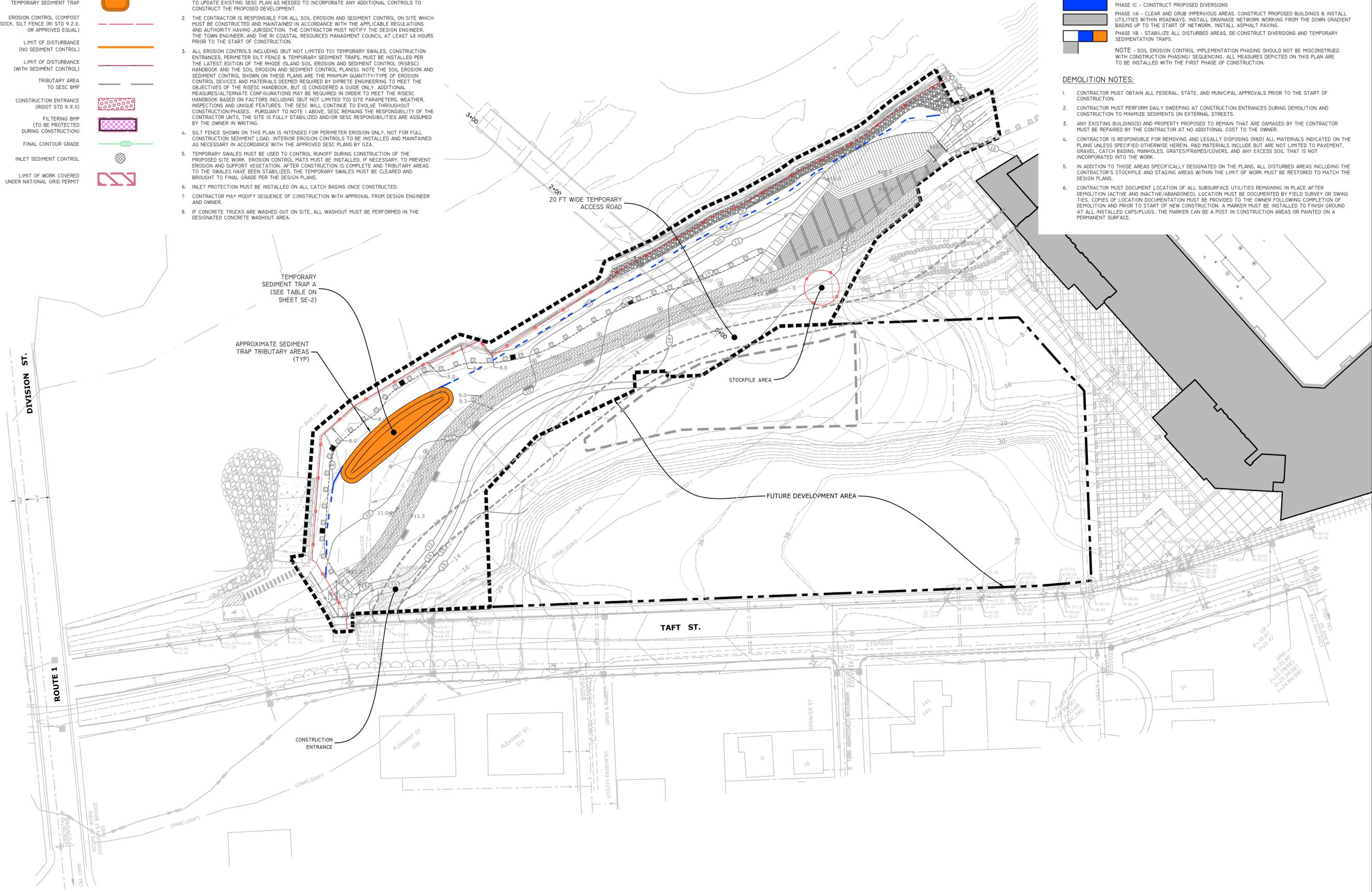
1. ALL SOIL EROSION AND SEDIMENT CONTROLS (SESC) TO BE COORDINATED WITH ACTIVE REMEDIAL ACTIVITIES. AFTER REMEDIAL ACTIVITIES ARE COMPLETE, THAT PORTION OF THE SITE IS TO BE LEFT WITH 6" OF STONE OR APPROVED STABILIZED, NON-ERODIBLE, SURFACE. CONTRACTOR TO MAINTAIN THIS SURFACE THROUGHOUT CONSTRUCTION. REFER TO PLANS AND SPECIFICATIONS BY GZA AS PART OF THE "FORMER TIDEWATER FACILITY REMEDIAL ACTIVITIES" PERMIT. CONTRACTOR TO UPDATE EXISTING SESC PLAN AS NEEDED TO INCORPORATE ANY ADDITIONAL CONTROLS TO CONSTRUCT THE PROPOSED DEVELOPMENT.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON SITE WHICH MUST BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS AND AUTHORITY HAVING JURISDICTION. THE CONTRACTOR MUST NOTIFY THE DESIGN ENGINEER, THE TOWN ENGINEER, AND THE RI COASTAL RESOURCES MANAGEMENT COUNCIL AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
3. ALL EROSION CONTROLS INCLUDING (BUT NOT LIMITED TO) TEMPORARY SWALES, CONSTRUCTION ENTRANCES, PERIMETER SILT FENCE & TEMPORARY SEDIMENT TRAPS, MUST BE INSTALLED PER THE LATEST EDITION OF THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL (RISESC) HANDBOOK AND THE SOIL EROSION AND SEDIMENT CONTROL PLANS. NOTE THE SOIL EROSION AND SEDIMENT CONTROL SHOWN ON THESE PLANS ARE THE MINIMUM QUANTITY/TYPE OF EROSION CONTROL DEVICES AND MATERIALS DEEMED REQUIRED BY DIPRETE ENGINEERING TO MEET THE OBJECTIVES OF THE RISESC HANDBOOK, BUT IS CONSIDERED A GUIDE ONLY. ADDITIONAL MEASURES/ALTERNATE CONFIGURATIONS MAY BE REQUIRED IN ORDER TO MEET THE RISESC HANDBOOK BASED ON FACTORS INCLUDING (BUT NOT LIMITED TO) SITE PARAMETERS, WEATHER, INSPECTIONS AND UNIQUE FEATURES. THE SESC WILL CONTINUE TO EVOLVE THROUGHOUT CONSTRUCTION PHASES. PURSUANT TO NOTE 1 ABOVE, SESC REMAINS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE SITE IS FULLY STABILIZED AND/OR SESC RESPONSIBILITIES ARE ASSUMED BY THE OWNER IN WRITING.
4. SILT FENCE SHOWN ON THIS PLAN IS INTENDED FOR PERIMETER EROSION ONLY, NOT FOR FULL CONSTRUCTION SEDIMENT LOAD. INTERIOR EROSION CONTROLS TO BE INSTALLED AND MAINTAINED AS NECESSARY IN ACCORDANCE WITH THE APPROVED SESC PLANS BY GZA.
5. TEMPORARY SWALES MUST BE USED TO CONTROL RUNOFF DURING CONSTRUCTION OF THE PROPOSED SITE WORK. EROSION CONTROL MATS MUST BE INSTALLED, IF NECESSARY, TO PREVENT EROSION AND SUPPORT VEGETATION. AFTER CONSTRUCTION IS COMPLETE AND TRIBUTARY AREAS TO THE SWALES HAVE BEEN STABILIZED, THE TEMPORARY SWALES MUST BE CLEARED AND BROUGHT TO FINAL GRADE PER THE DESIGN PLANS.
6. INLET PROTECTION MUST BE INSTALLED ON ALL CATCH BASINS ONCE CONSTRUCTED.
7. CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM DESIGN ENGINEER AND OWNER.
8. IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE PERFORMED IN THE DESIGNATED CONCRETE WASHOUT AREA.

**SOIL EROSION CONTROL IMPLEMENTATION PHASING**

- PHASE IA - INSTALL EROSION CONTROL SILT FENCE & STONE CONSTRUCTION ENTRANCE.
  - PHASE IB - INSTALL TEMPORARY SEDIMENTATION TRAPS. CONSTRUCT CLEAN WATER DIVERSIONS
  - PHASE IC - CONSTRUCT PROPOSED DIVERSIONS
  - PHASE IIA - CLEAR AND GRUB IMPERVIOUS AREAS. CONSTRUCT PROPOSED BUILDINGS & INSTALL UTILITIES WITHIN ROADWAYS. INSTALL DRAINAGE NETWORK WORKING FROM THE DOWN GRADIENT BASINS UP TO THE START OF NETWORK. INSTALL ASPHALT PAVING.
  - PHASE IIB - STABILIZE ALL DISTURBED AREAS. DE-CONSTRUCT DIVERSIONS AND TEMPORARY SEDIMENTATION TRAPS.
- NOTE - SOIL EROSION CONTROL IMPLEMENTATION PHASING SHOULD NOT BE MISCONSTRUED WITH CONSTRUCTION PHASING/ SEQUENCING. ALL MEASURES DEPICTED ON THIS PLAN ARE TO BE INSTALLED WITH THE FIRST PHASE OF CONSTRUCTION.

**DEMOLITION NOTES:**

1. CONTRACTOR MUST OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR MUST PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCES DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON EXTERNAL STREETS.
3. ANY EXISTING BUILDING(S) AND PROPERTY PROPOSED TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) ALL MATERIALS INDICATED ON THE PLANS UNLESS SPECIFIED OTHERWISE HEREIN. R&D MATERIALS INCLUDE BUT ARE NOT LIMITED TO PAVEMENT, GRAVEL, CATCH BASINS, MANHOLES, GRATES/FRAMES/COVERS, AND ANY EXCESS SOIL THAT IS NOT INCORPORATED INTO THE WORK.
5. IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, ALL DISTURBED AREAS INCLUDING THE CONTRACTOR'S STOCKPILE AND STAGING AREAS WITHIN THE LIMIT OF WORK MUST BE RESTORED TO MATCH THE DESIGN PLANS.
6. CONTRACTOR MUST DOCUMENT LOCATION OF ALL SUBSURFACE UTILITIES REMAINING IN FIELD AFTER DEMOLITION (ACTIVE AND INACTIVE/ABANDONED). LOCATION MUST BE DOCUMENTED BY FIELD SURVEY OR SWING TIES. COPIES OF LOCATION DOCUMENTATION MUST BE PROVIDED TO THE OWNER FOLLOWING COMPLETION OF DEMOLITION AND PRIOR TO START OF NEW CONSTRUCTION. A MARKER MUST BE INSTALLED TO FINISH GROUND AT ALL INSTALLED CAPS/PLUGS. THE MARKER CAN BE A POST IN CONSTRUCTION AREAS OR PAINTED ON A PERMANENT SURFACE.



DESCRIPTION	DATE	BY

**SITE PLAN - SEDIMENT AND EROSION CONTROL**  
**TIDEWATER RIVER WALK WEST**  
**SITE IMPROVEMENTS**  
 TAFT STREET  
 PANTUCKET, RI

DESIGNED	DRAWN	CHECKED
SCALE 1"=40'		
DATE SEPTEMBER 26, 2025		
PROJECT NO. 141.21894.00001		
SHEET NO. 06 OF 14		
SHEET NAME <b>SE-1</b>		

**GENERAL:**

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATER BODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INSOFAR AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES, AND WATER BODIES, AND TO PREVENT, INSOFAR AS POSSIBLE, EROSION ON THE SITE.

**LAND GRADING:**

THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:

- a. THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
- b. THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
- c. THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO TWO VERTICAL (1:2).
- d. PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
- e. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE INTO ADJACENT WETLANDS, WATERCOURSES, OR WATER BODIES.
- f. PRIOR TO ANY RE-GRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

**SOIL PREPARATION:**

EXCAVATED LOAM AND FOREST LOAM FROM THE TRAIL EXCAVATION SHALL BE USED IN PLACE OF IMPORTED TOPSOIL. NO TOPSOIL SHALL BE IMPORTED FOR THE PROJECT. LOAM SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.

UPON ATTAINING FINAL SUBGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH LOAM.

REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION DEBRIS.

APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE.

**MATERIAL:**

- 1. LOAM SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
- 2. LOAM SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF STONES (OVER 1" IN DIAMETER), LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, NUTGRASS, AND QUACKGRASS.
- 3. AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSOIL MATERIAL.
- 4. SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PPM) IS LESS SUITABLE. AVOID TIDAL MARSH SOILS BECAUSE OF HIGH SALT CONTENT AND SULFUR ACIDITY.
- 5. THE pH SHOULD BE MORE THAN 6.0. IF LESS, ADD LIME TO INCREASE pH TO AN ACCEPTABLE LEVEL.

**APPLICATION:**

- 1. AVOID SPREADING WHEN LOAM IS WET OR FROZEN.
- 2. SPREAD LOAM UNIFORMLY TO A DEPTH OF AT LEAST SIX INCHES (6"), OR TO THE DEPTH SHOWN ON THE LANDSCAPING PLANS.

**TEMPORARY VEGETATIVE COVER:**

TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PRODUCE SEDIMENT, AREAS WHERE FINAL GRADING HAS BEEN COMPLETED, AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS LESS THAN 12 MONTHS. TEMPORARY VEGETATIVE COVER SHALL BE APPLIED IF AREAS WILL NOT BE PERMANENTLY SEEDED BY SEPTEMBER 1.

**ESTABLISHMENT:**

- 1. SELECT APPROPRIATE SPECIES FOR THE SITUATION. NOTE RATES AND SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
- 2. APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- 3. UNLESS HYDROSEEDING, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.

**EROSION CHECKS**

**GENERAL:**

TEMPORARY PERVIOUS BARRIERS USING COMPOST FILTER TUBES, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.

**CONSTRUCTION:**

COMPOST FILTER TUBES SHALL BE INSTALLED AND MAINTAINED PER THE MANUFACTURER'S SPECIFICATIONS.

**VEGETATIVE COVER SELECTION & MULCHING**

**TEMPORARY VEGETATIVE COVER:**

PERENNIAL RYEGRASS 3 LBS./1,000 SQ.FT. (LOLUIUM PERENNE)

**PERMANENT VEGETATIVE COVER:**

- 1. SEE SITE PLAN AND SPECIFICATIONS FOR PERMANENT SEED MIX.
- 2. MULCHING: STRAW AT 70-90 LBS./1,000 SQ.FT. (TEMPORARY VEGETATIVE AREAS) WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

**ESTABLISHMENT:**

- 1. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
- 2. SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. BELOW).
- 3. APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- 4. COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).
- 5. MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
- 6. USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING.
- 7. USE SOD WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER TO PREVENT EROSION.

**PERMANENT VEGETATIVE COVER**

PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABILIZE THE SOIL, REDUCE DOWNSTREAM DAMAGE FROM SEDIMENT AND RUNOFF, AND TO ENHANCE THE AESTHETIC NATURE OF THE SITE. IT WILL BE APPLIED TO ALL CONSTRUCTION AREAS SUBJECT TO EROSION WHERE FINAL GRADING HAS BEEN COMPLETED AND A PERMANENT COVER IS NEEDED.

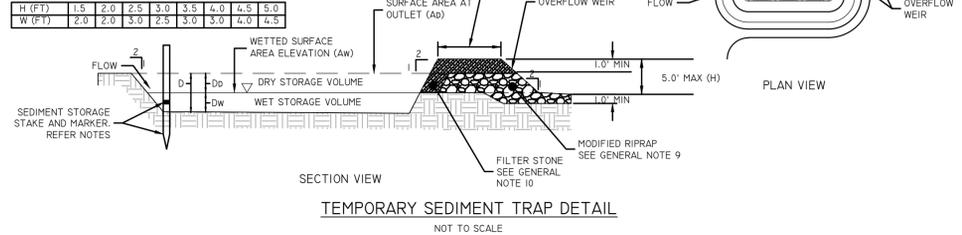
**GENERAL NOTES:**

- 1. THE TEMPORARY SEDIMENT TRAP SHALL MEET ALL REQUIREMENTS FOR TEMPORARY SEDIMENT TRAPS OUTLINED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (LATEST REVISION) SECTION SIX: SEDIMENT CONTROL MEASURES.
- 2. THE TEMPORARY SEDIMENT TRAP MUST PROVIDE A STORAGE VOLUME FOR ONE INCH OF RUNOFF FROM THE CONTRIBUTING AREA. HALF OF THE STORAGE MUST BE PROVIDED IN THE FORM OF WET STORAGE. SEE DETAIL BELOW SECTION 6 OF THE RISESCH.
- 3. ALL CUT AND FILL SLOPES MUST BE 2:1 OR FLATTER EXCEPT FOR THE EXCAVATED WET STORAGE AREA WHERE SLOPES MUST NOT EXCEED 1.5:1.
- 4. THE OUTLET MUST BE LOCATED AT THE MOST DISTANT HYDRAULIC POINT FROM THE INLET.
- 5. THE OUTLET CONSISTS OF A PERVIOUS STONE DIKE WITH A CORE OF MODIFIED RIPRAP AND FACED ON THE UPSTREAM SIDE WITH STONE.
- 6. TEMPORARY SEDIMENT TRAPS MUST OUTLET ONTO STABILIZED GROUND.
- 7. MAXIMUM HEIGHT OF A TEMPORARY SEDIMENT TRAP EMBANKMENT IS LIMITED TO 5 FEET (BOTTOM OF DRY STORAGE TO TOP OF EMBANKMENT). TOTAL EMBANKMENT HEIGHT MUST NOT EXCEED 6 FEET (BOTTOM OF WET STORAGE TO TOP OF EMBANKMENT).
- 8. SIDE SLOPES OF THE EMBANKMENT MUST BE 2:1 OR FLATTER.
- 9. MODIFIED RIPRAP: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.10.03.2.
- 10. FILTER STONE: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.01.03 TABLE I, COLUMN V FILTER STONE.

SEDIMENT TRAP DIMENSIONS*	TRAP A
TRIBUTARY DRAINAGE AREA	2.11 AC
WET STORAGE DEPTH (Dw)	2.5 FT
DRY STORAGE DEPTH (Dd)	2.0 FT
TOTAL DEPTH (D)	4.5 FT
BOTTOM OF TRAP AREA (Ab)	790 sq.ft
WETTED SURFACE AREA (Aw)	1,970 sq.ft
SURFACE AREA AT OUTLET (Ao)	3,030 sq.ft

\*TRAP DIMENSIONS REPRESENT MINIMUM REQUIRED SIZING TO MEET THE RISESCH. CONTRACTOR MAY SHAPE TRAP DIFFERENTLY THAN SHOWN ON PLANS AS LONG AS THE MINIMUM SIZING HAS BEEN PROVIDED.

MINIMUM TOP WIDTH VS HEIGHT	
H (FT)	W (FT)
1.5	2.0
2.0	2.5
2.5	3.0
3.0	3.5
3.5	4.0
4.0	4.5
4.5	5.0
5.0	5.5



**TEMPORARY SEDIMENT TRAP DETAIL**

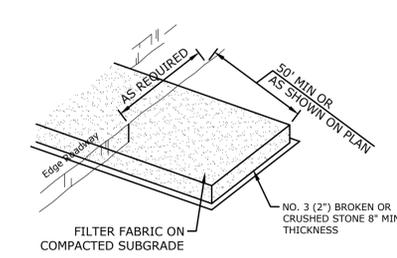
NOT TO SCALE

**INSPECTION, MAINTENANCE, AND REMOVAL REQUIREMENTS:**

- 1. INSTALL 'SEDIMENT STORAGE' STAKE WITH A MARKER AT ONE HALF OF THE WET STORAGE VOLUME.
- 2. INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCH OR GREATER.
- 3. CHECK THE OUTLET TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
- 4. CHECK FOR SEDIMENT ACCUMULATION AND FILTRATION PERFORMANCE.
- 5. WHEN SEDIMENTS HAVE ACCUMULATED TO ONE HALF THE MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATER THE TRAP AS NEEDED, REMOVE SEDIMENTS AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS.
- 6. DISPOSE OF THE SEDIMENT REMOVED FROM THE BASIN IN A SUITABLE AREA AS DESIGNATED BY THE GEOTECHNICAL ENGINEER.
- 7. THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED.

**INSTALLATION NOTES:**

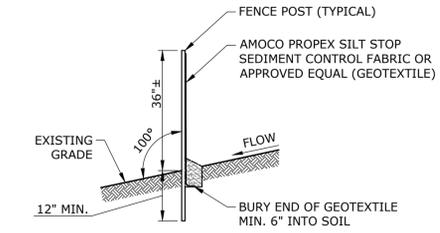
- 1. CLEAR, GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA.
- 2. REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN THREE (3) INCHES AND OTHER DEBRIS.
- 3. EXCAVATE WET STORAGE AND CONSTRUCT THE EMBANKMENT AND/OR OUTLET AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS.
- 4. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, LARGE ROCKS (OVER SIX (6) INCHES) OR OTHER UNSUITABLE MATERIALS. COMPACT THE EMBANKMENT IN 9-INCH LAYERS BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
- 5. STABILIZE THE EARTHEN EMBANKMENT USING ANY OF THE FOLLOWING MEASURES: SEEDING FOR TEMPORARY VEGETATION COVER; SEEDING FOR PERMANENT VEGETATIVE COVER; OR SLOPE PROTECTION, IMMEDIATELY AFTER INSTALLATION.



NOTE: CONSTRUCTION ENTRANCE PAD SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS WHICH PROMOTE VEHICULAR TRACKING OF MUD

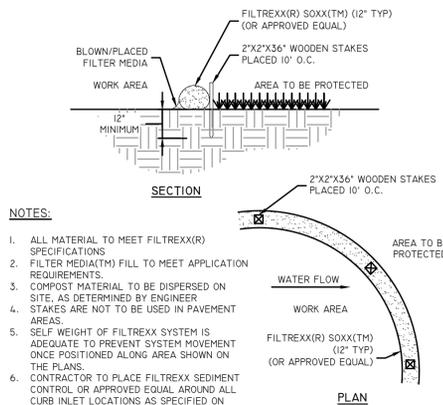
**CE CONSTRUCTION ENTRANCE PAD**

NOT TO SCALE



**SF SEDIMENT FILTER FENCE**

NOT TO SCALE

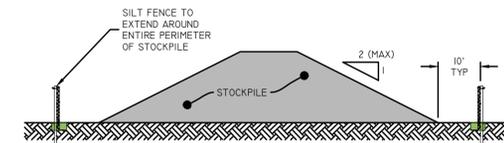


**NOTES:**

- 1. ALL MATERIAL TO MEET FILTREXX(R) SPECIFICATIONS
- 2. FILTER MEDIA(TM) FILL TO MEET APPLICATION REQUIREMENTS.
- 3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER
- 4. STAKES ARE NOT TO BE USED IN PAVEMENT AREAS.
- 5. SELF WEIGHT OF FILTREXX SYSTEM IS ADEQUATE TO PREVENT SYSTEM MOVEMENT ONCE POSITIONED ALONG AREA SHOWN ON THE PLANS.
- 6. CONTRACTOR TO PLACE FILTREXX SEDIMENT CONTROL OR APPROVED EQUAL AROUND ALL CURB INLET LOCATIONS AS SPECIFIED ON PLANS.

**FILTREXX SEDIMENT CONTROL (OR APPROVED EQUAL)**

NOT TO SCALE

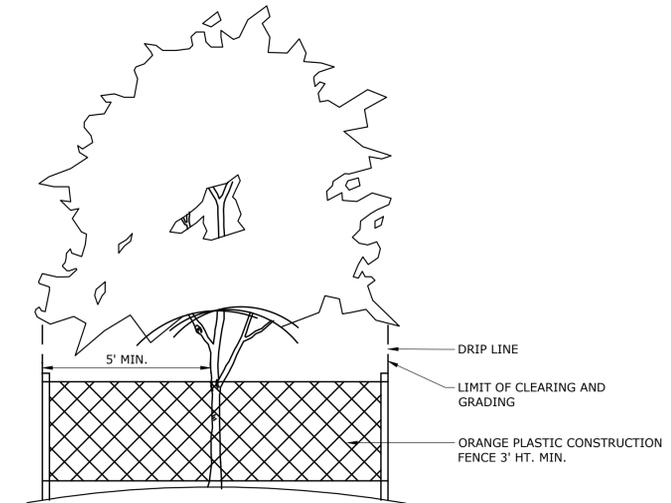


**NOTES:**

- 1. ALL STOCKPILES MUST BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH SECTION 3 'STOCKPILE AND STAGING AREA MANAGEMENT' OF THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (CURRENT EDITION).
- 2. DIVERT ALL STORMWATER AWAY FROM STOCKPILES.
- 3. SOIL STOCKPILES THAT ARE NOT TO BE USED WITHIN 30 DAYS MUST BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE WITH SEED MIX COMPATIBLE WITH THE SOIL TYPE.
- 4. STOCKPILE AND SILT FENCE MUST BE INSPECTED AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS OF 1/2" OF RAINFALL. REPAIR/ REPLACE SILT FENCE (AND STOCKPILE COVERS WHERE APPLICABLE) AS NEEDED TO KEEP THEM FUNCTIONING ADEQUATELY.
- 5. SEDIMENT TRAPPED BY SILT FENCES MUST BE REMOVED AND PROPERLY DISPOSED OF WHENEVER SIGNIFICANT ACCUMULATION OCCURS.

**STOCKPILE PROTECTION**

NOT TO SCALE



**TP TREE PROTECTION FENCING**

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**SITE PLAN - SEDIMENT AND EROSION CONTROL**

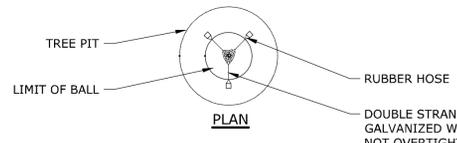
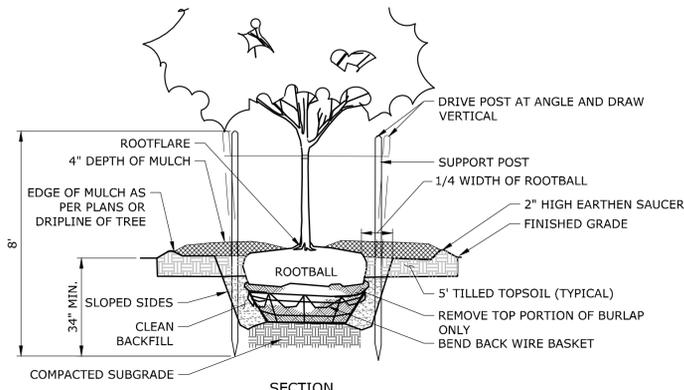
**TIDEWATER RIVER WALK WEST**

**SITE IMPROVEMENTS**

TAFT STREET  
PANTUCKET, RI

BK	PJP	BK
DESIGNED	DRAWN	CHECKED
AS NOTED		
SEPTEMBER 26, 2025		
DATE		
141.21894.00001		
PROJECT NO.		
07 OF 14		
SHEET NO.		
<b>SE-2</b>		
SHEET NAME		



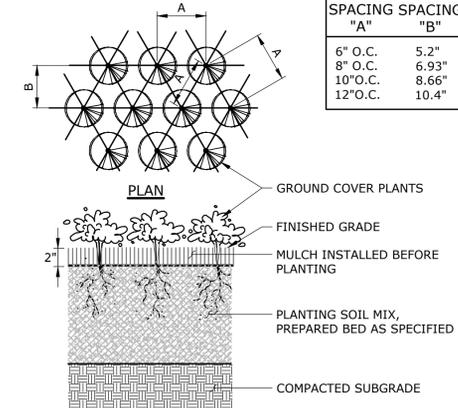


**NOTE:**  
1. SUPPORT STAKES SHALL BE REMOVED BY THE CONTRACTOR ONE YEAR AFTER INSTALLATION.

**TREE PLANTING**  
NOT TO SCALE

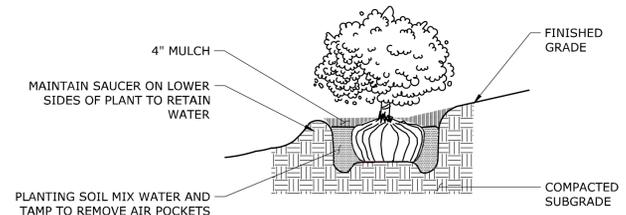
**GROUND COVER SPACING TABLE**

PLANT SPACING "A"	ROW SPACING "B"	NO. OF PLANTS	AREA OF UNIT
6" O.C.	5.2"	4.61	1 SQ. FT.
8" O.C.	6.93"	2.6	1 SQ. FT.
10" O.C.	8.66"	1.66	1 SQ. FT.
12" O.C.	10.4"	1.15	1 SQ. FT.



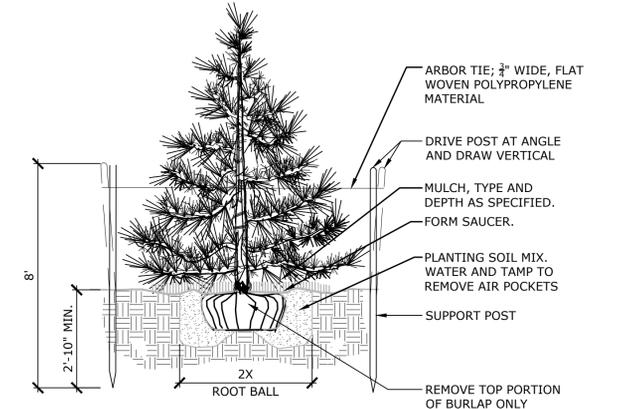
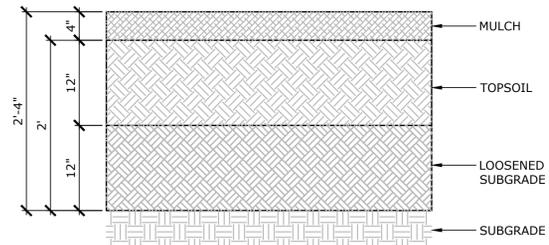
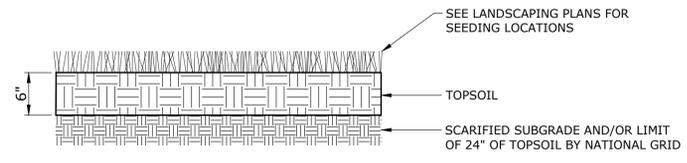
**NOTES:**  
1. ALL GROUND COVER TO BE PLANTED IN TRIANGULAR PATTERN. SEE DETAIL PLAN AND GROUND COVER SPACING TABLE.

**GROUND COVER/ PERENNIAL PLANTING**  
NOT TO SCALE



**NOTES:**  
1. UNLESS OTHERWISE DIRECTED SHREDDED MULCH SHALL BE PLACED TO A LIMIT OF ONE FOOT BEYOND THE CENTER OF THE OUTERMOST SHRUBS IN SHRUB BED.

**SHRUB PLANTING**  
NOT TO SCALE

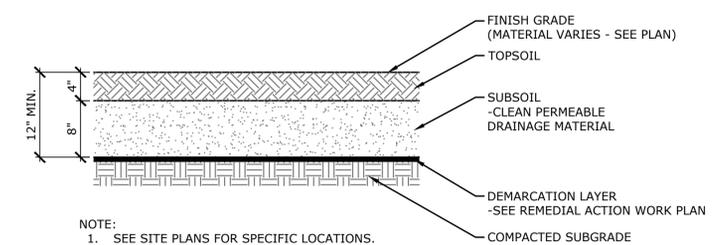


**NOTES:**  
1. PROVIDE STAKING AS REQUIRED.  
2. PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE.  
3. PAINT ALL CUTS.  
4. REMOVE ALL CONTAINERS AND BASKETS FROM ROOT BALL.  
5. REMOVE BURLAP FROM TOP OF ROOT BALL.

**NOTE:** REMOVE ALL BOULDERS & LEDGE 18" BELOW SUBGRADE

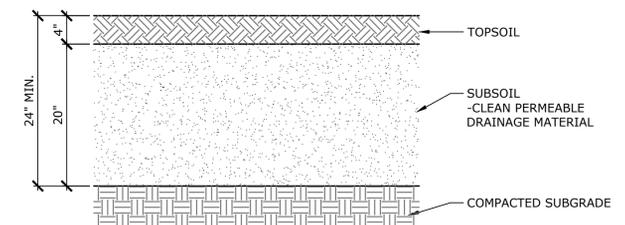
**EVERGREEN TREE PLANTING**  
NOT TO SCALE

**DEMARICATION LAYER DETAILS PER REMIDIAL ACTION WORK PLAN**



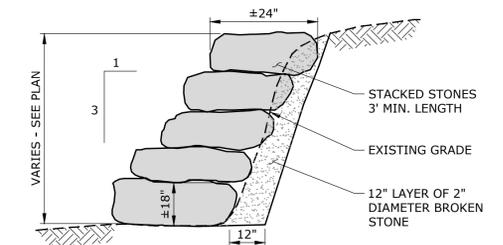
**NOTE:**  
1. SEE SITE PLANS FOR SPECIFIC LOCATIONS.

**1-FOOT-THICK SOIL CAP - LAWN AREAS**  
N.T.S.

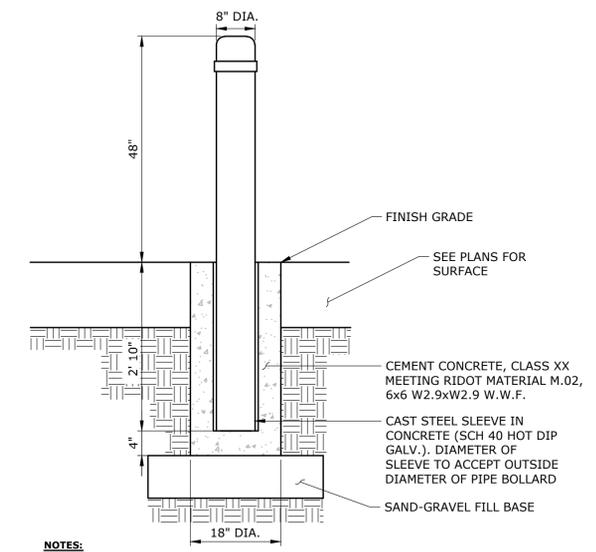


**NOTE:**  
1. SEE SITE PLANS FOR SPECIFIC LOCATIONS.

**2-FOOT-THICK SOIL CAP - PLANT BED AREAS**  
N.T.S.



**STACKED BOULDER WALL**  
NOT TO SCALE



**NOTES:**  
1. MANUFACTURE STEEL CAP TO COVER OPENING WHEN BOLLARD IS REMOVED.  
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVALS, PRIOR TO FABRICATION.  
3. FINAL LOCATION OF BOLLARDS TO BE UNDER THE DIRECTION OF THE ENGINEER.  
4. REFER TO PLAN SHEETS FOR REMOVABLE BOLLARD LOCATIONS.  
5. REMOVABLE 8" DIA. GALVANIZED STEEL BOLLARD SHALL MATCH DESIGN & STYLE OF 8" DIA. STEEL BOLLARD

**REMOVABLE STEEL BOLLARD 8" DIA.**  
NOT TO SCALE

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**SITE DETAILS**  
TIDEWATER RIVER WALK WEST  
SITE IMPROVEMENTS  
TAFT STREET  
PANTUCKET, RI

BK	PJP	BK
DESIGNED	DRAWN	CHECKED
AS NOTED		
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SHEET NO.		

**SD-2**

**FASTENING NOTES**

1. JOISTS TO POSTS - 1/2"Ø LAG BOLTS & 3/4"Ø THRU BOLTS AS SHOWN ON DETAILS.
2. DECKING TO JOISTS - 3" GALVANIZED SCREWS.
3. RAILINGS TO POSTS - 3" GALVANIZED SCREWS.
4. RAILING CABLES TO POSTS PER MANUFACTURER'S RECOMMENDATIONS.

**BOARDWALK**

**PART 1 - GENERAL**

**DESCRIPTION OF WORK:**

BOARDWALK CONSTRUCTION INCLUDES THE FOLLOWING TYPES OF WORK:

- STAINLESS STEEL CABLE RAILING
- CONCRETE ABUTMENTS
- CONCRETE PIERS
- WOOD FRAMING
- TIMBER DECKING

**REFERENCES**

LUMBER STANDARDS: COMPLY WITH PS 20 AND WITH APPLICABLE RULES OF THE RESPECTIVE GRADING AND INSPECTING AGENCIES FOR SPECIES AND PRODUCTS INDICATED.

**SUBMITTALS**

PRODUCT DATA: SUBMIT MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR MATERIALS LISTED BELOW:

WOOD TREATMENT DATA: SUBMIT TREATMENT MANUFACTURER'S INSTRUCTIONS FOR PROPER USE OF EACH TYPE OF TREATED MATERIAL.

PRESSURE TREATMENT: FOR EACH TYPE SPECIFIED, INCLUDE CERTIFICATION BY TREATING PLANT STATING CHEMICALS AND PROCESS USED, NET AMOUNT OF PRESERVATIVE RETAINED AND CONFORMANCE WITH APPLICABLE STANDARDS.

**PRODUCT HANDLING**

DELIVERY AND STORAGE: KEEP MATERIALS DRY AT ALL TIMES. PROTECT AGAINST EXPOSURE TO WEATHER AND CONTACT WITH DAMP OR WET SURFACES. STACK LUMBER AND PLYWOOD, AND PROVIDE AIR CIRCULATION WITHIN STACKS.

**PART 2 - PRODUCTS**

**MATERIALS**

**LUMBER, GENERAL**

FACTORY MARK EACH PIECE OF LUMBER WITH TYPE, GRADE, MILL AND GRADING AGENCY, EXCEPT OMIT MARKING FROM SURFACES TO BE EXPOSED WITH TRANSPARENT FINISH OR WITHOUT FINISH.

NOMINAL SIZES ARE INDICATED, EXCEPT AS SHOWN BY DETAIL DIMENSIONS. PROVIDE ACTUAL SIZES AS REQUIRED BY PS 20, FOR MOISTURE CONTENT SPECIFIED FOR EACH USE.

PROVIDE DRESSED LUMBER, S4S, UNLESS OTHERWISE INDICATED.

PROVIDE SEASONED LUMBER WITH 19% MAXIMUM MOISTURE CONTENT AT THE TIME OF DRESSING.

PROVIDE SOUTHERN PINE LUMBER, FOR FRAMING.

TIMBER PLANKS, IPE

POSTS SHALL RUN FULL HEIGHT AND NO SPLICING ALLOWED.

**MISCELLANEOUS MATERIALS**

FASTENERS AND ANCHORAGES: PROVIDE SIZE, TYPE, MATERIAL AND FINISH AS INDICATED AND AS RECOMMENDED BY APPLICABLE STANDARDS, COMPLYING WITH APPLICABLE FEDERAL SPECIFICATIONS FOR NAILS, STAPLES, SCREWS, BOLTS, NUTS, WASHERS AND ANCHORING DEVICES. PROVIDE METAL HANGERS AND FRAMING ANCHORS OF THE SIZE AND TYPE RECOMMENDED BY THE MANUFACTURER FOR EACH USE INCLUDING RECOMMENDED NAILS. PROVIDE FASTENERS AND ANCHORAGES WITH A HOT-DIP ZINC COATING (ASTM A 153).

WOOD PRESERVATIVE TREATMENT: SEE SPECIFICATIONS

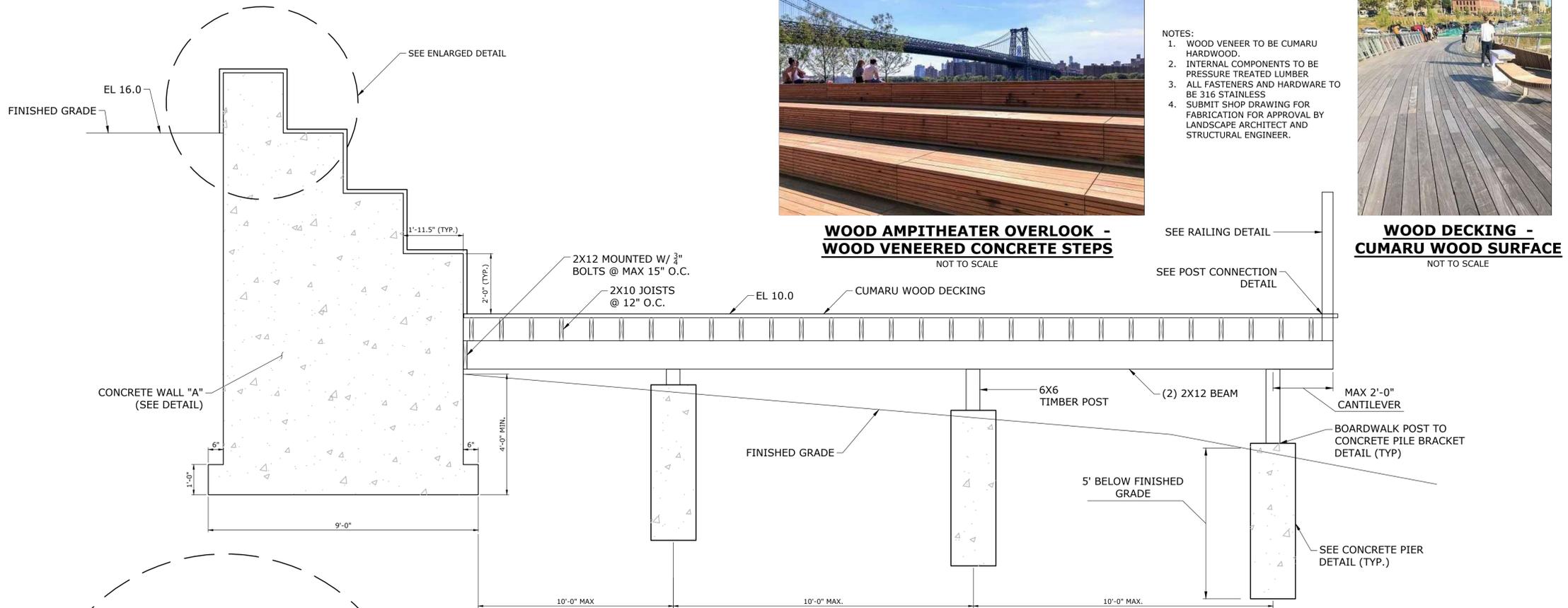
**PART 3 - EXECUTION**

**MATERIALS, GENERAL**

DISCARD UNITS OF MATERIAL WITH DEFECTS WHICH MIGHT IMPAIR QUALITY OF WORK, AND UNITS WHICH ARE TOO SMALL TO USE IN FABRICATING WORK WITH MINIMUM JOINTS OR OPTIMUM JOINT ARRANGEMENTS.

SET CARPENTRY WORK ACCURATELY TO REQUIRED LEVELS AND LINES, WITH MEMBERS PLUMB AND TRUE AND ACCURATELY CUT AND FITTED.

SECURELY ATTACH CARPENTRY WORK TO SUBSTRATE BY ANCHORING AND FASTENING AS SHOWN AND AS REQUIRED BY RECOGNIZED STANDARDS. COUNTERSINK SCREW AND NAIL HEADS ON EXPOSED CARPENTRY WORK AND RILL HOLES. SELECT FASTENERS OF SIZE THAT WILL NOT PENETRATE MEMBERS WHERE OPPOSITE SIDE WILL BE EXPOSED TO VIEW. MAKE TIGHT CONNECTIONS BETWEEN MEMBERS. INSTALL FASTENERS WITHOUT SPLITTING OF WOOD; PRE-DRILL AS REQUIRED.

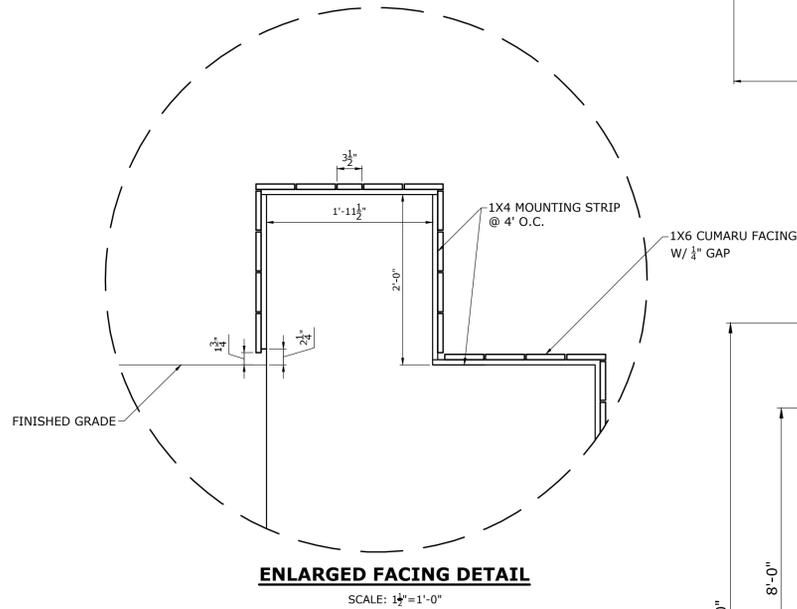


**ELEVATED DECK SECTION**

SCALE: 1/4"=1'-0"

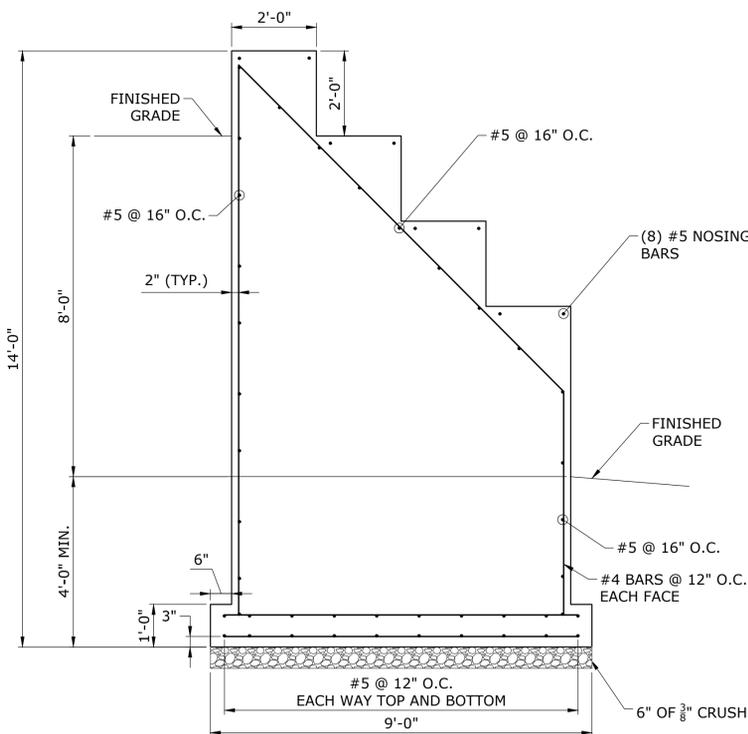
**NOTES:**

1. CONTRACTOR TO PROVIDE LAYOUT FOR APPROVAL
2. CONCRETE PIERS SHALL BE PLACED @ A MINIMUM OF 10' O.C.



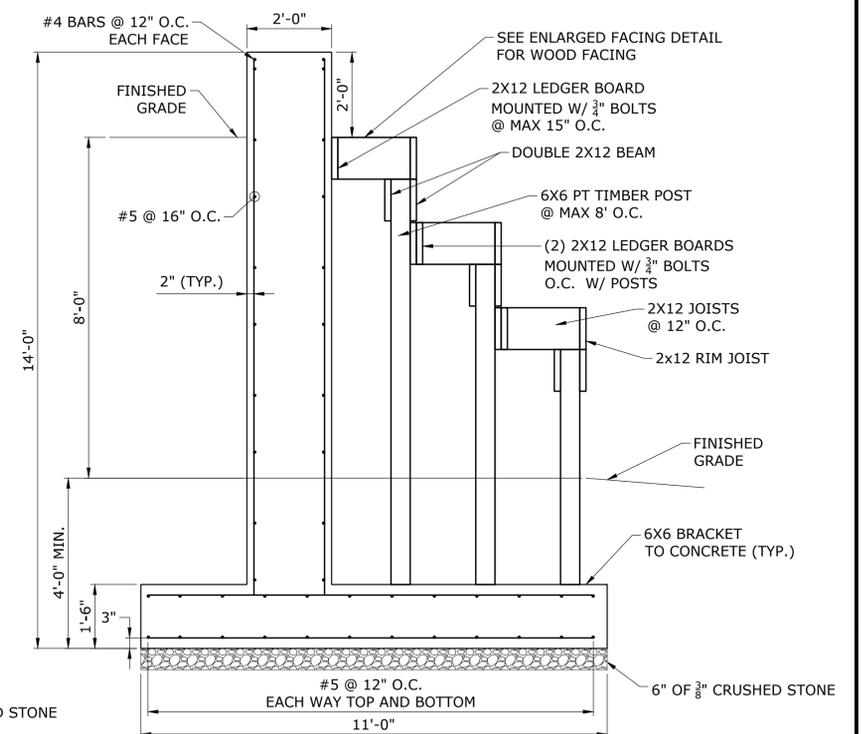
**ENLARGED FACING DETAIL**

SCALE: 1/2"=1'-0"



**CONCRETE WALL "A" SECTION**

SCALE: 1/2"=1'-0"



**ALTERNATIVE CONSTRUCTION METHOD - WOOD FRAMING FOR CONCRETE WALL "A" SECTION**

SCALE: 1/2"=1'-0"

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DATE	BY	DESCRIPTION

**SITE DETAILS**

TIDEWATER RIVER WALK WEST  
SITE IMPROVEMENTS  
TAFT STREET  
PANTUCKET, RI

BK	PJP	BK
DESIGNED	DRAWN	CHECKED

AS NOTED

SEPTEMBER 26, 2025

DATE

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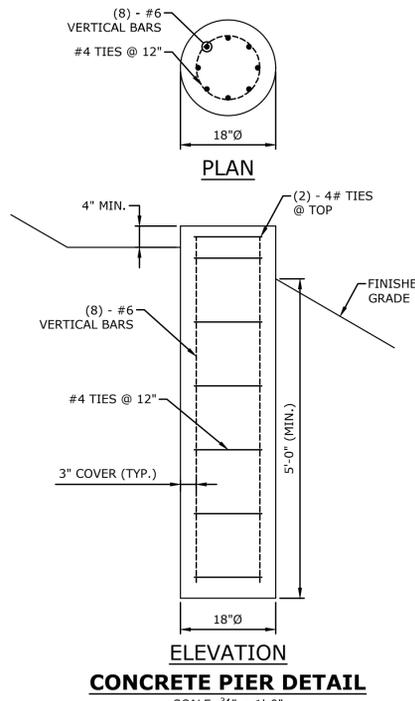
PROJECT NO.

10 OF 14

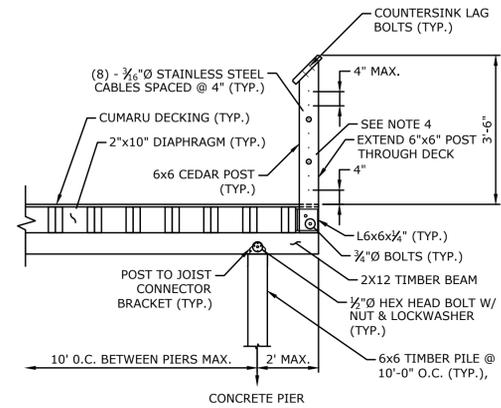
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SD-3

SHEET NAME

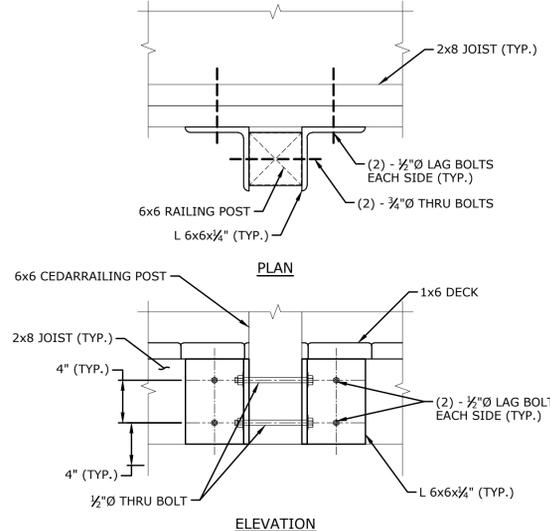


**CONCRETE PIER DETAIL**  
SCALE: 3/4" = 1'-0"

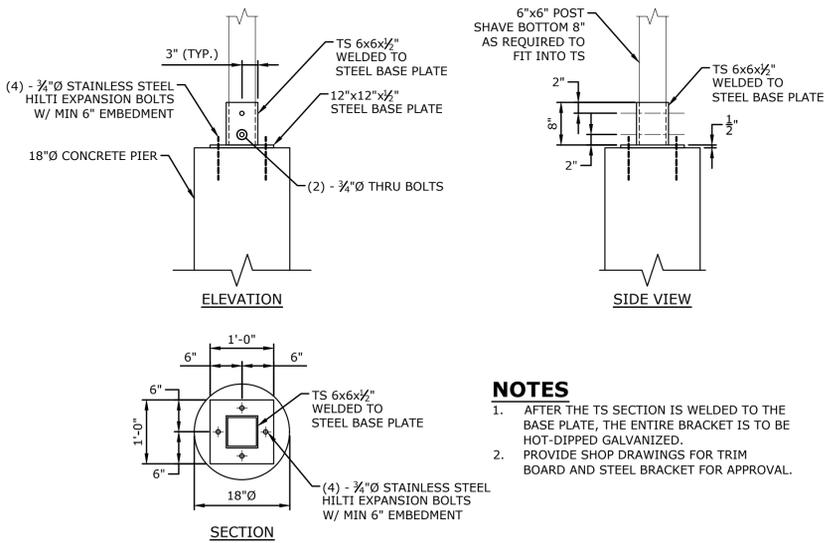


**TYPICAL AMPHITHEATER OVERLOOK SECTION**  
SCALE: 1/2" = 1'-0"

- NOTES**
1. ALL POSTS AND TOP RAIL SHALL BE ACTUAL SIZE.
  2. ALL MEMBERS SHALL BE PRESSURE TREATED TIMBER, COLOR TO BE DETERMINED.
  3. ALL PRESSURE TREATED TIMBER SHALL BE NOMINAL SIZE.
  4. CROSS BRACE TIMBER PILE AS REQUIRED.
  5. ALL EXPOSED END OF POSTS AND RAILS SHALL BE 1" CHAMFERED (45°) EDGES.
  6. CABLES SHALL HAVE A CONNECTOR AT EVERY POST, AND CABLES SHALL NOT RUN THRU CENTER POSTS.
  7. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL.

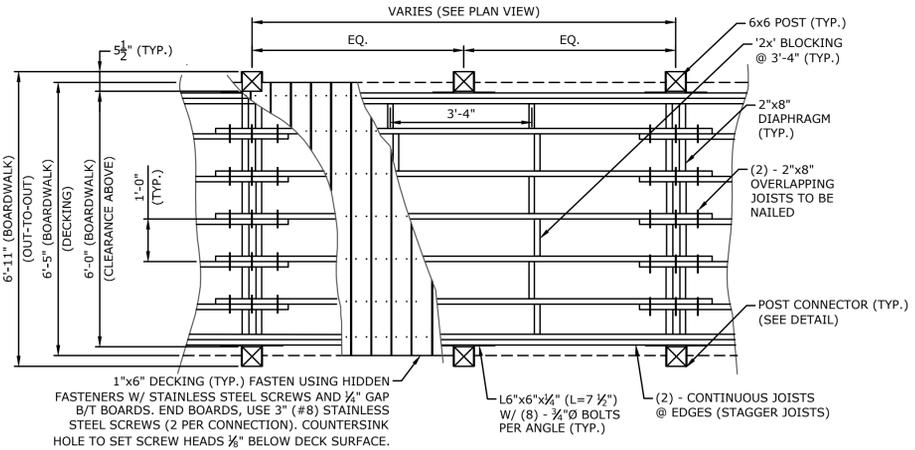


**INTERMEDIATE POST CONNECTION**  
SCALE: 1/2" = 1'-0"

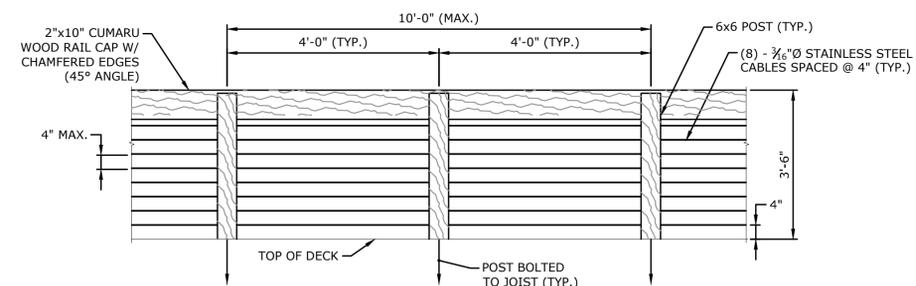


**BOARDWALK POST TO CONCRETE PIER BRACKET DETAIL**  
SCALE: 3/4" = 1'-0"

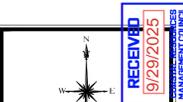
- NOTES**
1. AFTER THE TS SECTION IS WELDED TO THE BASE PLATE, THE ENTIRE BRACKET IS TO BE HOT-DIPPED GALVANIZED.
  2. PROVIDE SHOP DRAWINGS FOR TRIM BOARD AND STEEL BRACKET FOR APPROVAL.



**BOARDWALK/OVERLOOK FRAMING PLAN**  
SCALE: 1/2" = 1'-0"



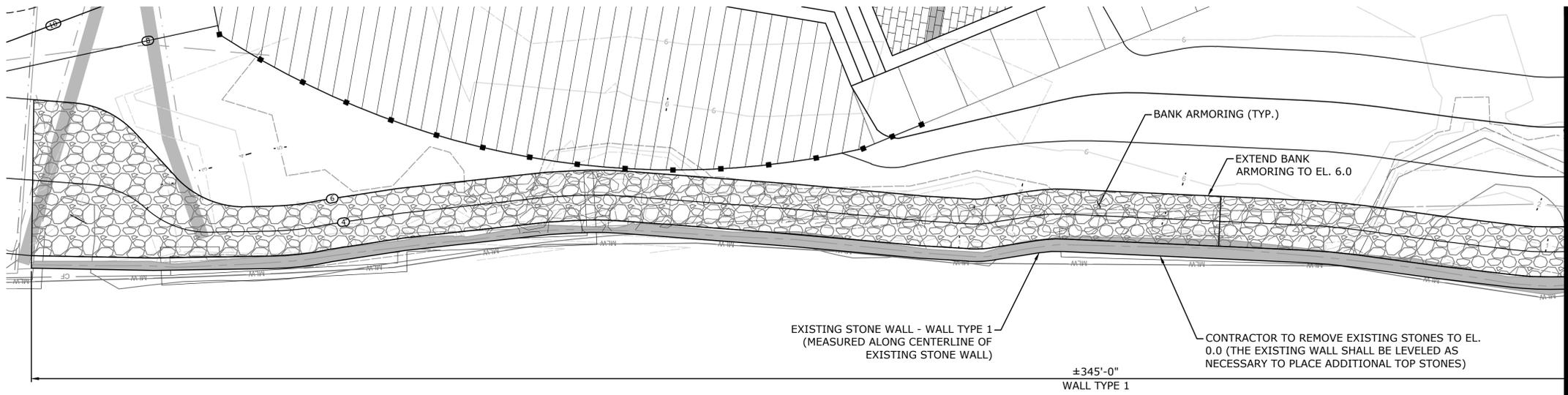
**TYPICAL RAILING ELEVATION**  
SCALE: 1/2" = 1'-0"



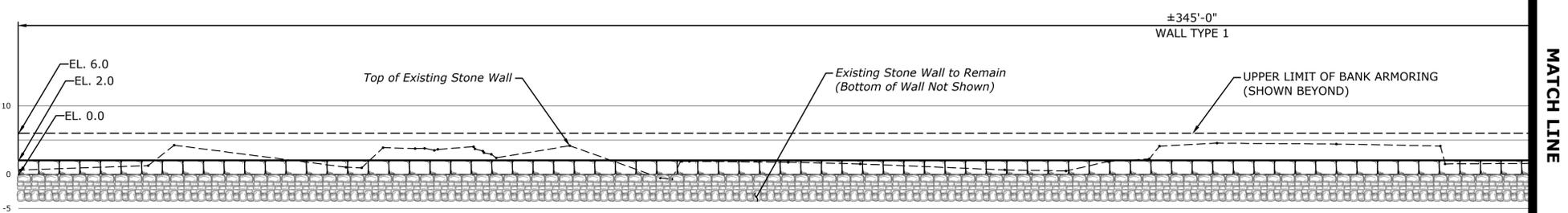
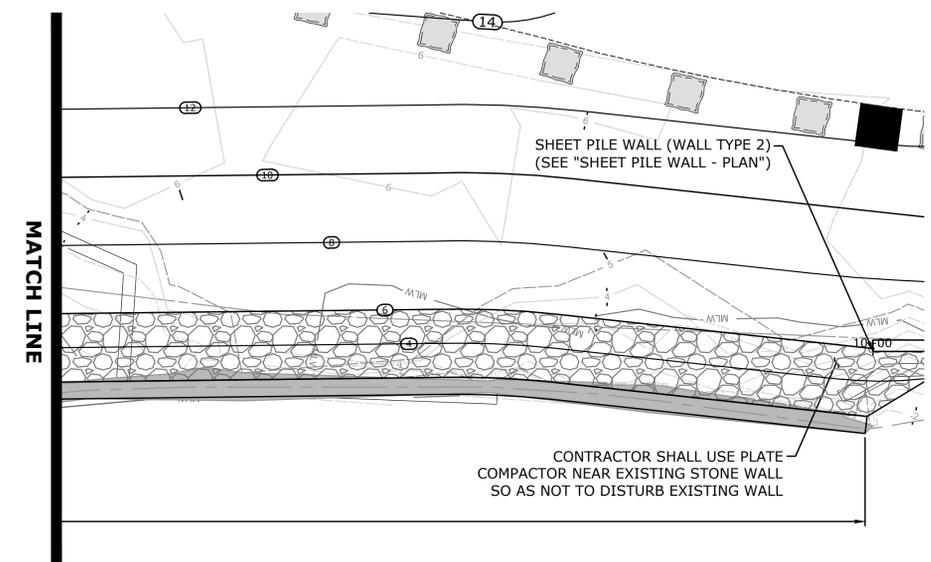
DESCRIPTION	DATE	BY

**SITE DETAILS**  
TIDEWATER RIVER WALK WEST  
SITE IMPROVEMENTS  
TAFT STREET  
PANTUCKET, RI

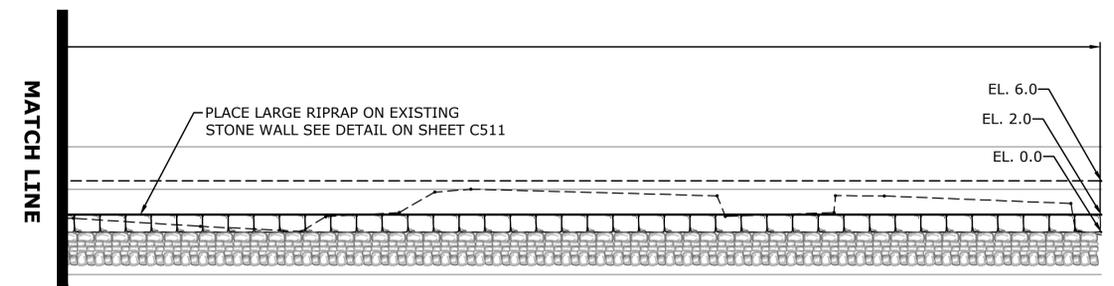
BK	PJP	BK
DESIGNED	DRAWN	CHECKED
SCALE: AS NOTED		
DATE: SEPTEMBER 26, 2025		
PROJECT NO: 141.21894.00001		
SHEET NO: 11 OF 14		
<b>SD-4</b>		



**STONE WALL - PLAN  
(WALL TYPE 1)**  
SCALE: 1"=10'



**STONE WALL - ELEVATION  
(WALL TYPE 1)**  
SCALE: 1"=10'



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**SLR**  
99 REALTY DRIVE  
SUITE 100  
203.271.1773  
SLRCONSULTING.COM

DESCRIPTION	DATE	BY

**SITE STRUCTURAL DETAILS**  
TIDEWATER RIVER WALK WEST  
SITE IMPROVEMENTS  
TAFT STREET  
PANTUCKET, RI

KP	PJP	BK
DESIGNED	DRAWN	CHECKED
AS SHOWN		
SEPTEMBER 26, 2025		
DATE		
141.21894.00001		
PROJECT NO.		
12 OF 14		
SHEET NO.		

**STR-1**

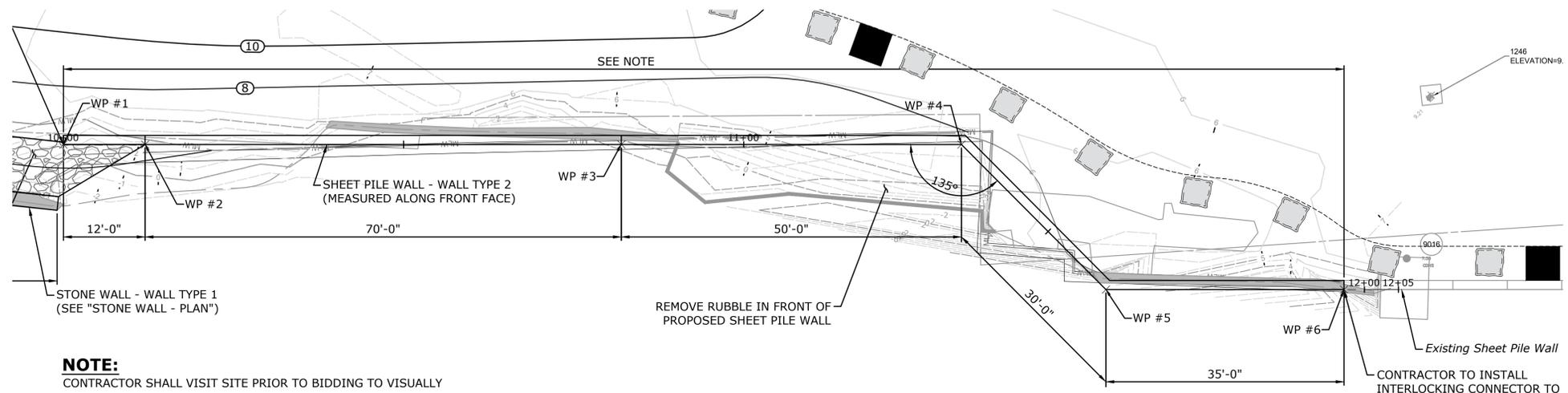
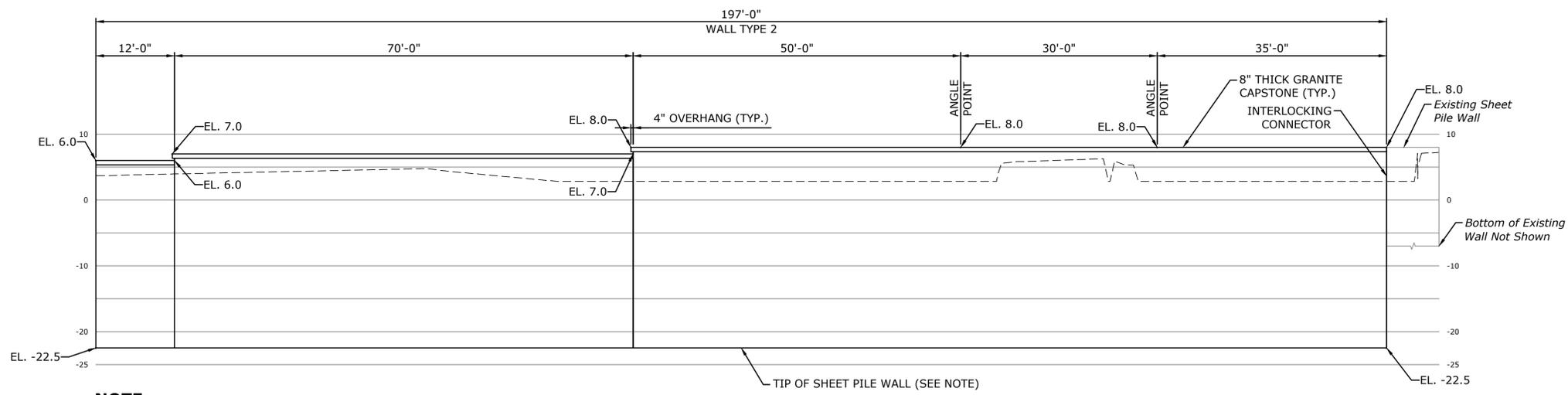


TABLE OF COORDINATES		
WP #	NORTHING	EASTING
1	287099.53	359835.43
2	287109.83	359829.27
3	287169.90	359793.32
4	287212.80	359767.65
5	287241.90	359774.96
6	287271.93	359756.98

**NOTE:**  
CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING TO VISUALLY INSPECT EXISTING DEBRIS ON SITE. CONTRACTOR WILL REQUIRE REMOVAL OF OBSTRUCTIONS TO INSTALL SHEETING.

**SHEET PILE WALL - PLAN  
(WALL TYPE 2)**  
SCALE: 1"=10'



**NOTE:**  
IF BEDROCK IS ENCOUNTERED PRIOR TO REACHING TIP ELEVATION DURING INSTALLATION OF SHEET PILE WALL, THE CONTRACTOR SHALL INSTALL ROCK SOCKET TOE PIN. IF NO BEDROCK IS ENCOUNTERED, THE SHEET PILE WALL SHALL BE DRIVEN TO ELEVATION -22.5.

**SHEET PILE WALL - ELEVATION  
(WALL TYPE 2)**  
SCALE: 1"=10'

DESCRIPTION	DATE	BY

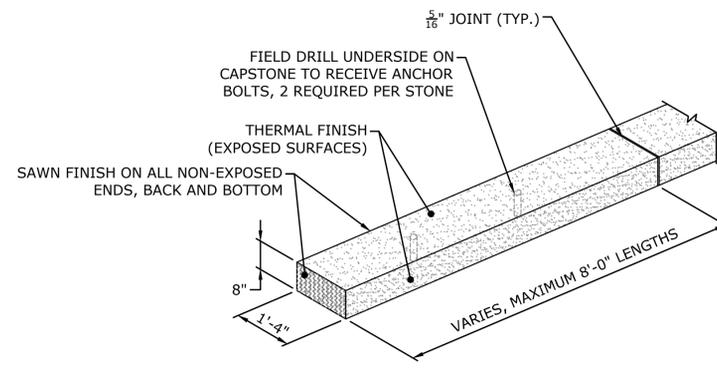
**SITE STRUCTURAL DETAILS**  
TIDEWATER RIVER WALK WEST  
SITE IMPROVEMENTS  
TAFT STREET  
PAWTUCKET, RI

KP	PJP	BK
DESIGNED	DRAWN	CHECKED
AS SHOWN		
SEPTEMBER 26, 2025		
DATE		
141.21894.00001		
PROJECT NO.		
13 OF 14		
SHEET NO.		

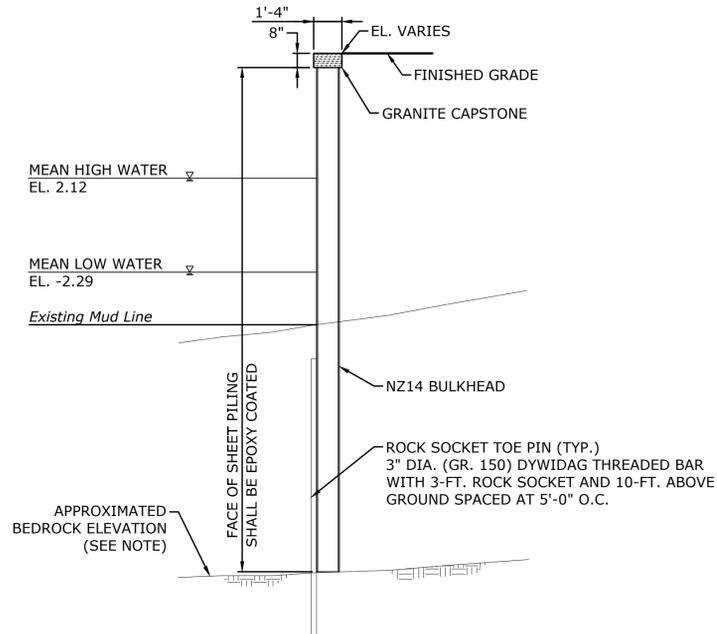
**STR-2**

**SHEET PILING BULKHEAD NOTES:**

- SHEET PILING SHALL BE HOT-ROLLED STEEL SECTIONS CONFORMING TO ASTM A572 (OR EQUIVALENT). MINIMUM YIELD STRENGTH SHALL BE 50,000 PSI. INTERLOCKS SHALL BE FREE SLIDING, PROVIDE A SWING ANGLE SUITABLE FOR THE INTENDED INSTALLATION, AND MAINTAIN CONTINUOUS INTERLOCKING WHEN INSTALLED. SHEET PILING SHALL BE FULL-LENGTH SECTIONS OF THE DIMENSIONS SHOWN ON THE DRAWINGS. SPECIAL FABRICATED SECTION SHALL CONFORM TO THE REQUIREMENTS HEREIN AND THE PILING MANUFACTURER'S RECOMMENDATIONS.
- SHEET PILING SECTION PROPERTIES: PROVIDE INDICATED PILING MAKE AND SECTION OF EQUIVALENT. EQUIVALENT SECTIONS SHALL PROVIDE SAME OR GREATER OVERALL WALL SECTION AND MOMENT OF INERTIA ON A PER FOOT BASIS AND WILL HAVE A MINIMUM THICKNESS OF ALL ELEMENTS NO LESS THAN 0.48 INCHES.
- SHEET PILING SHALL BE DRIVEN TO A DEPTH INDICATED ON THE DRAWINGS TO WITHIN AN ALLOWABLE TOLERANCE OF 2". TOP OF PILE SHALL BE CUT WITH PLASMA CUTTER WITH A TOLERANCE OF ±1" FROM THE ELEVATION INDICATED ON THE DRAWINGS.
- BEFORE PROCEEDING WITH ANY WORK ON SITE, CONTRACTOR SHALL SUBMIT FOR ENGINEER REVIEW WRITTEN PROCEDURES/DRAWINGS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
  - PILE HANDLING/DRIVING EQUIPMENT AND METHOD OF INSTALLATION.
  - MANUFACTURER'S MILL CERTIFICATION THAT MEETS OR EXCEEDS SPECIFIED STEEL REQUIREMENTS.
  - SHOP DRAWINGS THAT SHALL IDENTIFY PILE SECTION PROPERTIES AND WALL THICKNESS, PILE LENGTH PRIOR TO DRIVING, LOCATIONS AND TYPES OF WELDS, CORNER DETAILS, CLOSURE/TIE-IN DETAILS AT EXISTING SHEET PILE WALLS AND CUT-OFF ELEVATIONS.
- THE CONTRACTOR SHALL LOG EACH SHEET PILE AND MAINTAIN A RECORD WITH THE FOLLOWING INFORMATION:
  - DATE OF INSTALLATION.
  - LOCATION OF IDENTIFICATION MARKS.
  - HAMMER EQUIPMENT AND OPERATION.
  - LENGTH FROM TIP TO CUT-OFF.
  - CUT-OFF ELEVATION.
  - PLUMB (DEVIATION FROM VERTICAL, INCHES PER FOOT).
  - IF SHEET PILING ARE IMPACT DRIVING TO INDICATED TIP ELEVATION, RECORD BLOW COUNTS PER FOOT FOR THE LENGTH OF PILE DRIVEN.
  - COMPLETE LOGS AT THE END OF EACH DAY'S WORK AND IMMEDIATELY SUBMIT (3) LEGIBLE COPIES SIGNED BY THE CONTRACTOR'S REPRESENTATIVE TO THE PORT'S REPRESENTATIVE.
- PILE DRIVING HAMMERS: HAMMERS SHALL BE STEAM, AIR OR DIESEL DROP, SINGLE ACTING, OR VIBRATORY TYPES. THE HAMMER SHALL HAVE A DELIVERED ENERGY SUITABLE FOR THE TOTAL WEIGHT OF THE PILE AND THE CHARACTER OF SUBSURFACE MATERIAL TO BE ENCOUNTERED. IF UNABLE TO REACH PILE TIP ELEVATIONS, NOTIFY THE ENGINEER BEFORE PROCEEDING WITH PILE OPERATIONS.
  - SHEET PILING SHALL BE DRIVEN WITH THE PROPER SIZE HAMMER AND BY APPROVED METHODS SO AS NOT TO SUBJECT THE PILINGS TO DAMAGE AND TO ENSURE PROPER INTERLOCKING THROUGHOUT THEIR LENGTHS. DRIVING HAMMERS SHALL BE MAINTAINED IN PROPER ALIGNMENT DURING DRIVING OPERATIONS BY USE OF LEADS OR GUIDES ATTACHED TO THE HAMMER. A PROTECTIVE CAP SHALL BE EMPLOYED IN DRIVING WHEN USING IMPACT HAMMERS TO PREVENT DAMAGE TO THE TOPS OF THE PILINGS.
  - PILINGS DAMAGED DURING DRIVING OR DRIVEN OUT OF INTERLOCK SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO OWNER. PILINGS SHALL BE DRIVEN WITHOUT THE AID OF A WATER JET.
- SHEET PILING SHALL BE PROVIDED AS ONE PIECE. NO SPLICES WILL BE ALLOWED.
- SHEET PILES SHALL BE CAREFULLY LOCATED AS SHOWN ON THE DRAWINGS. TEMPORARY WALES, TEMPLATES, OR GUIDE STRUCTURES SHALL BE PROVIDED TO ENSURE THAT THE PILINGS ARE PLACE AND DRIVEN TO THE CORRECT ALIGNMENT.
- WHERE DRIVEN SHEET PILES HAVE EXCEEDED SPECIFIED TOLERANCES, THE CONTRACTOR SHALL REMOVE SUCH PILES AND DRIVE SUBSTITUTE PILES AT NO ADDITIONAL COST TO OWNER. DETAILS OF SUBSTITUTE PILES SHALL BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO INSTALLATION.
- ALL SHEET PILES SHALL BE ADVANCED TO THE MINIMUM TIP PENETRATION INDICATED IN THE CONTRACT DRAWINGS. ANY OBSTRUCTIONS ENCOUNTERED (EXISTING PILES, DEBRIS, BOULDERS) SHALL BE PRE-FORMED BY SPUDGING OR DRILLED THROUGH.
- THE CONTRACTOR SHALL REMOVE ALL SHEET PILE CUT-OFFS AND OTHER DEBRIS FROM THE JOB SITE.
- FRONT FACE OF SHEET PILING RIVER SHALL BE EPOXY COATED.
- ANY EPOXY COATED AREAS DAMAGED DURING STORAGE, HANDLING AND INSTALLATION SHALL RECEIVE A TOUCH-UP EPOXY COATING.
- WELDING SHALL CONFORM TO THE "STRUCTURAL WELDING CODE FOR STEEL", LATEST EDITION, AS ADOPTED BY THE AMERICAN WELDING SOCIETY (AWS). WELDING SHALL BE PERFORMED BY A WELDER CERTIFIED IN ACCORDANCE WITH AWS STANDARDS.

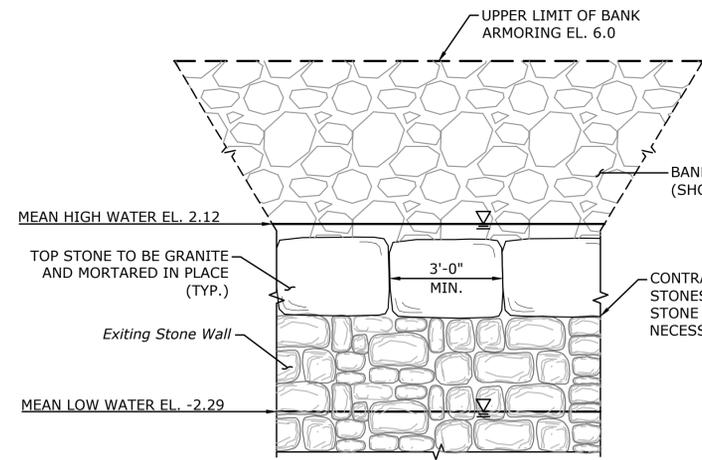


**GRANITE CAPSTONE DETAIL (WALL TYPE 2)**  
SCALE: 1/2" = 1'-0"

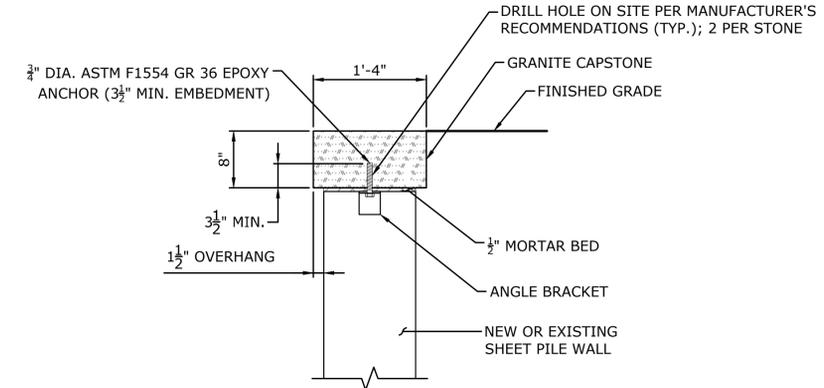


**TYPICAL SHEET PILE WALL - SECTION (WALL TYPE 2)**  
SCALE: 1/4" = 1'-0"

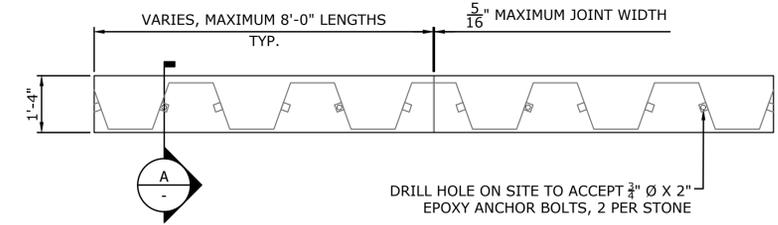
**NOTE:**  
IF BEDROCK IS ENCOUNTERED PRIOR TO TIP ELEVATION DURING INSTALLATION OF SHEET PILE WALL, THE CONTRACTOR SHALL INSTALL ROCK SOCKET TOE PIN AS SHOWN. IF NO BEDROCK IS ENCOUNTERED, THE SHEET PILE WALL SHALL BE DRIVEN TO THE ELEVATION SHOWN ON "SHEET PILE WALL - ELEVATION".



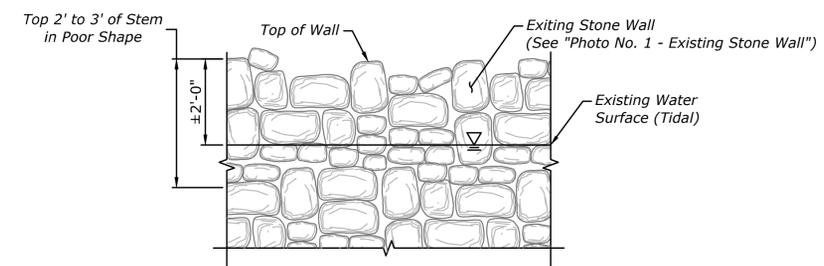
**STONE WALL - ELEVATION (WALL TYPE 1)**  
SCALE: 1/2" = 1'-0"



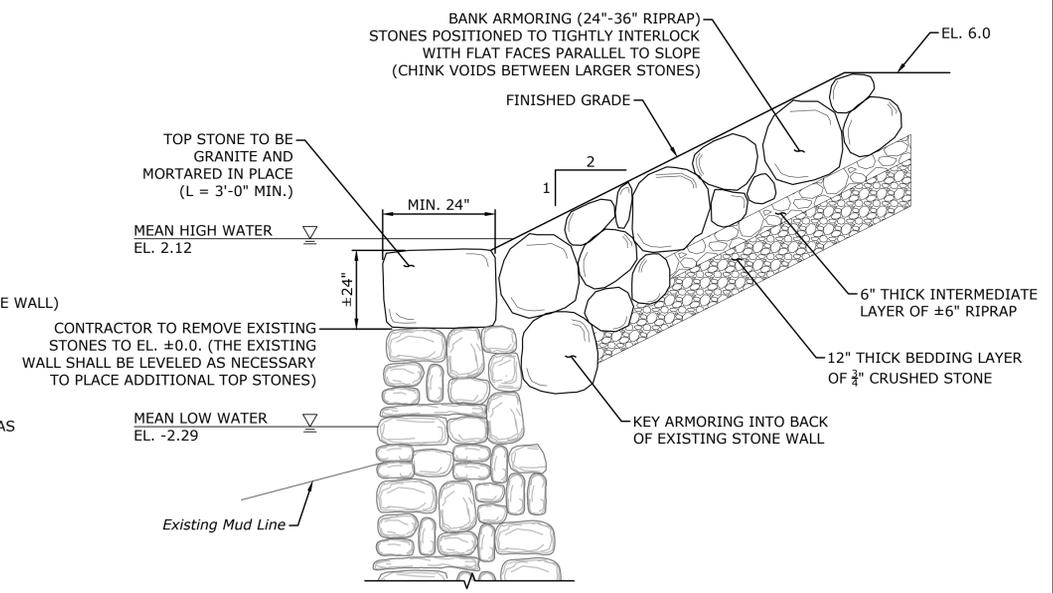
**SECTION A**  
SCALE: 1/2" = 1'-0"



**GRANITE CAPSTONE ON SHEET PILE WALL (WALL TYPE 2)**  
SCALE: 1/2" = 1'-0"



**EXISTING STONE WALL - ELEVATION**  
SCALE: 1/2" = 1'-0"



**STONE WALL - SECTION (WALL TYPE 1)**  
SCALE: 1/2" = 1'-0"

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**SLR**

99 REALTY DRIVE  
SUITE 100  
203.271.1773  
SLRCONSULTING.COM

BY	DATE	DESCRIPTION

**SITE STRUCTURAL DETAILS**

TIDEWATER RIVER WALK WEST  
SITE IMPROVEMENTS

Taft Street  
Pantucket, RI

KP	PJP	PJP	AS SHOWN
DESIGNED	DRAWN	CHECKED	
SCALE: <b>SEPTEMBER 26, 2025</b>			
DATE: <b>141.21894.00001</b>			
PROJECT NO. <b>14 OF 14</b>			
SHEET NO. <b>STR-3</b>			
SHEET NAME			