

SEAWALL REPLACEMENT MCCOOKS POINT BEACH TOWN OF EAST LYME NOVEMBER 24, 2025

LIST OF DRAWINGS

DWG. No.	DRAWING TITLE
1	TITLE SHEET, DRAWING LIST & VICINITY MAP
2	EXISTING SITE PLAN & PROJECT NOTES
3	PROPOSED SITE PLAN
4	SITE UTILIZATION/DEMOLITION PLAN
5	TYPICAL SECTIONS AND DETAILS

TIDAL ELEVATIONS		
	MLW	NAVD88
CJL	3.9	2.3
HTL	3.5	1.9
MHW	2.6	1.0
NAVD88	1.6	0.0
MLW	0.0	-1.6



VICINITY MAP



AERIAL PHOTO

SEAWALL REPLACEMENT
MCCOOKS POINT BEACH
TOWN OF EAST LYME
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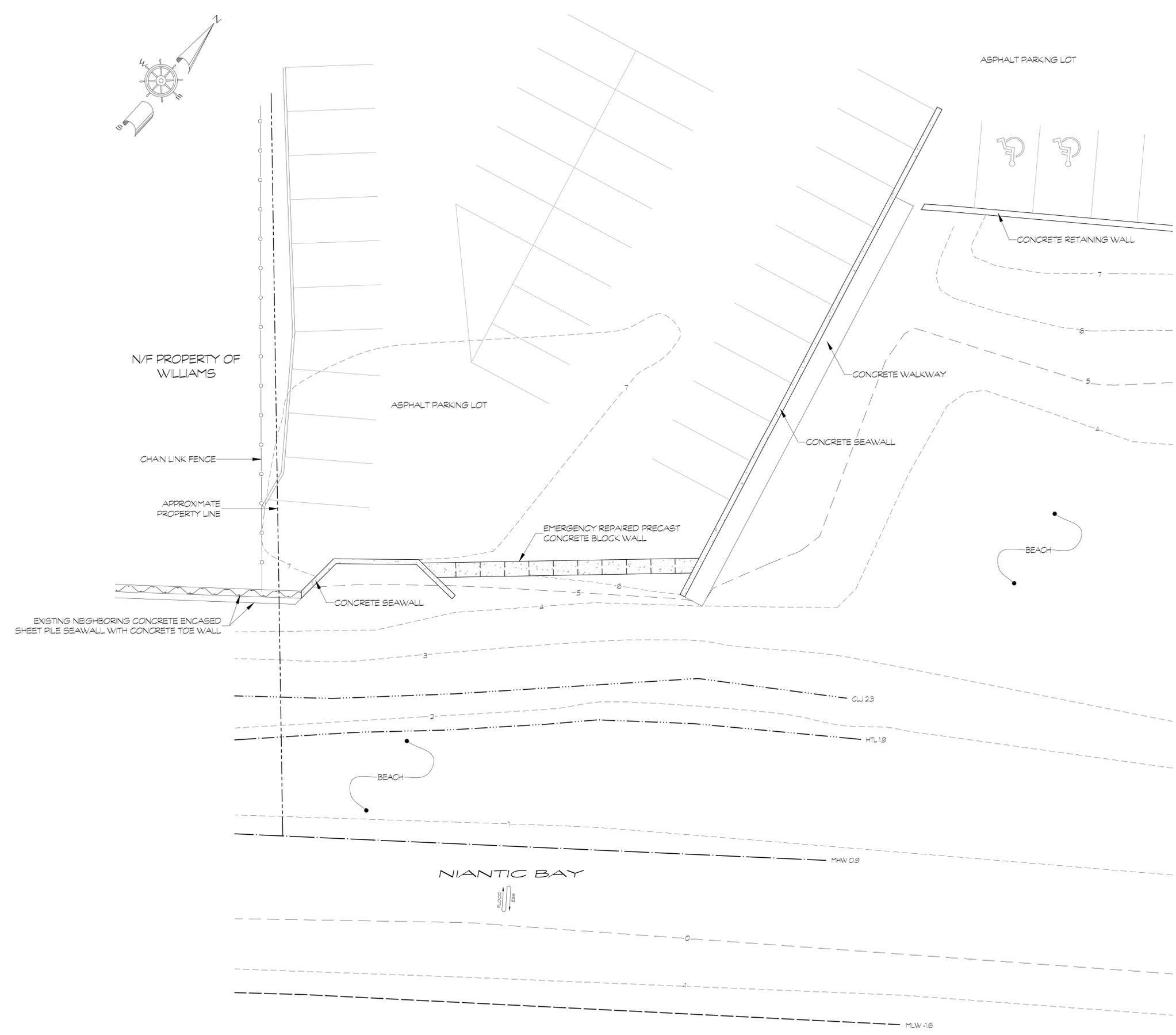
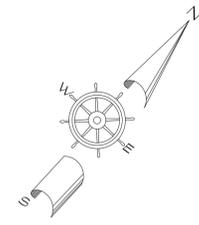
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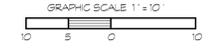
SHEET 1 OF 5

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EXISTING CONDITIONS



PROJECT NOTES

- DESCRIPTION OF THE WORK:
- THE WORK COVERED UNDER THESE CONTRACT DOCUMENTS, INCLUDING THE DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS AND ALL AMENDMENTS, CONSISTS OF PROVIDING ALL PLANT, LABOR, SUPERVISION, EQUIPMENT, APPLIANCES AND MATERIALS AND IN PERFORMING ALL OPERATIONS IN CONNECTION WITH AT LEAST, BUT NOT NECESSARILY LIMITED TO, THE FOLLOWING ITEMS:
 - EXISTING SEAWALL AND WALKWAY REMOVAL
 - INSTALLATION OF NEW SHEET PILE SEAWALL WITH CONCRETE CAP
 - ASPHALT PAVEMENT REPLACEMENT
 - RESTORATION OF BEACH GRADE
 - THE CONTRACTOR SHALL PROVIDE ALL ITEMS AND ACCESSORIES REQUIRED TO COMPLETE ALL ASPECTS OF THE WORK NEEDED FOR A COMPLETE AND PROPER INSTALLATION, ALL IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- GENERAL NOTES
- ALL ELEVATIONS ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD-88).
 - IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LAYOUT THE STRUCTURES IN ACCORDANCE WITH THE PROJECT DRAWINGS.
 - ALL WORK SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS AND STATUTES AND THE RETIREMENTS AND CONDITIONS OF ALL REGULATORY PERMITS ISSUED FOR THIS WORK.
 - THESE DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE PROJECT REGULATORY APPROVALS AND ALL CONDITIONS OF THOSE APPROVALS. THE CONTRACTOR IS ADVISED THAT THE REGULATORY APPROVALS FOR THIS PROJECT MAY CONTAIN ADDITIONAL RETIREMENTS THAT, AFTER ANY ADDENDUM, SUPERSEDES THE DRAWING NOTES. THE CONTRACTOR IS FURTHER ADVISED THAT IN THE CASE OF ANY DISCREPANCIES WITHIN THE CONTRACT DOCUMENTS FOUND BEFORE CONSTRUCTION, THE FINAL DESIGN AS TO WHAT INFORMATION TAKES PRECEDENCE SHALL BE MADE BY THE ENGINEER OF RECORD ON THE BASIS OF THAT INTENT.
 - EXISTING CONDITIONS AND DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND FABRICATION OR ORDERING OF ANY CONSTRUCTION MATERIALS.
 - SECTIONS AND DETAILS APPLY TO SAME AND SIMILAR CONDITIONS UNLESS SPECIFICALLY NOTED OTHERWISE HEREIN.
 - DAMAGE TO ANY PROPERTY, PRIVATE OR OF PUBLIC TRUST, OCCURRING DURING THE CONSTRUCTION BY THE CONTRACTOR, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
- STEEL FASTENERS
- BOLTS: ASTM A307 WITH HEXAGONAL HEADS UNLESS OTHERWISE NOTED
 - NUTS: ASTM A563 WITH HEXAGONAL HEADS
 - WASHERS: ASTM F436 OR OSEE TYPE WASHERS AS NOTED
 - ALL BOLTS, NUTS, AND WASHERS SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153 AND MEET MINIMUM TESTS OF ASTM A239, UNLESS OTHERWISE NOTED.
- STEEL SHEET PILE
- ALL STEEL SHEET-PILE SHALL BE ASTM A572
 - ALL STEEL SHEET-PILE SHALL BE SHOP COATED, ON OUTER SURFACES ONLY UNLESS NOTED OTHERWISE
- SHEET-PILE INSTALLATION
- EQUIPMENT AND METHODS FOR INSTALLING PILES SHALL BE SUCH THAT PILES ARE INSTALLED IN THEIR PROPER POSITION AND ALIGNMENT.
 - PILES SHALL BE CONTINUOUSLY DRIVEN TO A DEPTH OR CAPACITY AS FOLLOWS:
 - ALL PILES SHALL BE DRIVEN TO A "SAFE LOAD" CAPACITY OF NO LESS THAN 20 TONS AS DETERMINED BY THE ENGINEERING NEWS FORMULA OR A MINIMUM EMBEDMENT OF 20 FEET, WHICHEVER IS DEEPER.
 - THE PILE DRIVING HAMMER SHALL BE OF SUITABLE SIZE FOR PROPER INSTALLATION OF THE PILE AND SHALL BE CAPABLE IN ANY CASE OF DELIVERING AN ENERGY PER BLOW AS REQUIRED BY APPROPRIATE DRIVING RESISTANCE REQUIREMENTS.
 - SUITABLE ANVILS OR CUSHIONS SHALL BE USED TO PREVENT DAMAGE TO THE PILE. THE CUSHION USED SHOULD PROVIDE ENOUGH PROTECTION TO PREVENT DAMAGE TO THE PILE BUT SHOULD NOT ABSORB TOO MUCH OF THE ENERGY OF THE BLOW.
 - PILES SHALL BE INSTALLED WITH DUE CONSIDERATION FOR THE SAFETY OF ADJACENT STRUCTURES AND SUB-SURFACE CONSTRUCTION AND, BY A METHOD WHICH LEAVES THE PILE STRENGTH UNIMPAIRED, AND WHICH DEVELOPS AND RETAINS THE REQUIRED LOAD BEARING RESISTANCE FOR THE PILE. IF CONDITIONS AT THE SITE ARE SUCH THAT THE TIP, THE BODY, OR THE BUTT OF THE PILE IS LIKELY TO SUFFER DAMAGE DURING DRIVING SPECIAL PRECAUTIONS MUST BE TAKEN BY THE CONTRACTOR TO AVOID SUCH DAMAGE. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE PLACEMENT OF UNDAMAGED PILES TO THE LOADING CAPACITY, REQUIRED TIP ELEVATION AND/OR EMBEDMENT AS SPECIFIED HEREIN.
 - ALL PILES SHOWING SIGNS OF HEAVING AND LIFTING CAUSED DUE TO INSTALLATION OF ADJACENT PILES, OR ANY OTHER CAUSE, OR WHICH HAVE BEEN INSTALLED IN THE WRONG LOCATIONS, SHALL BE REMOVED AND REINSTALLED TO FIRM BEARING AS SPECIFIED HEREIN.
 - PILES WHICH ARE DAMAGED SHALL BE REMOVED AND DISPOSED OFF-SITE AND REPLACED WITH NEW PILES.
 - THE CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF EACH PILE DRIVEN. THE RECORDS SHALL GIVE THE LENGTH, DESIGN CAPACITY, PENETRATION UNDER THE LAST BLOWS OF THE HAMMER, BEHAVIOR DURING DRIVING, CUT-OFF LENGTHS, RESULTS OF ANY TESTS, DRILLING OR PROBING INFORMATION IF ANY, AND ALL OTHER INFORMATION REGARDING EACH PILE DRIVEN. THESE RECORDS SHALL BE SUBMITTED TO THE ENGINEER ON A DAILY BASIS.

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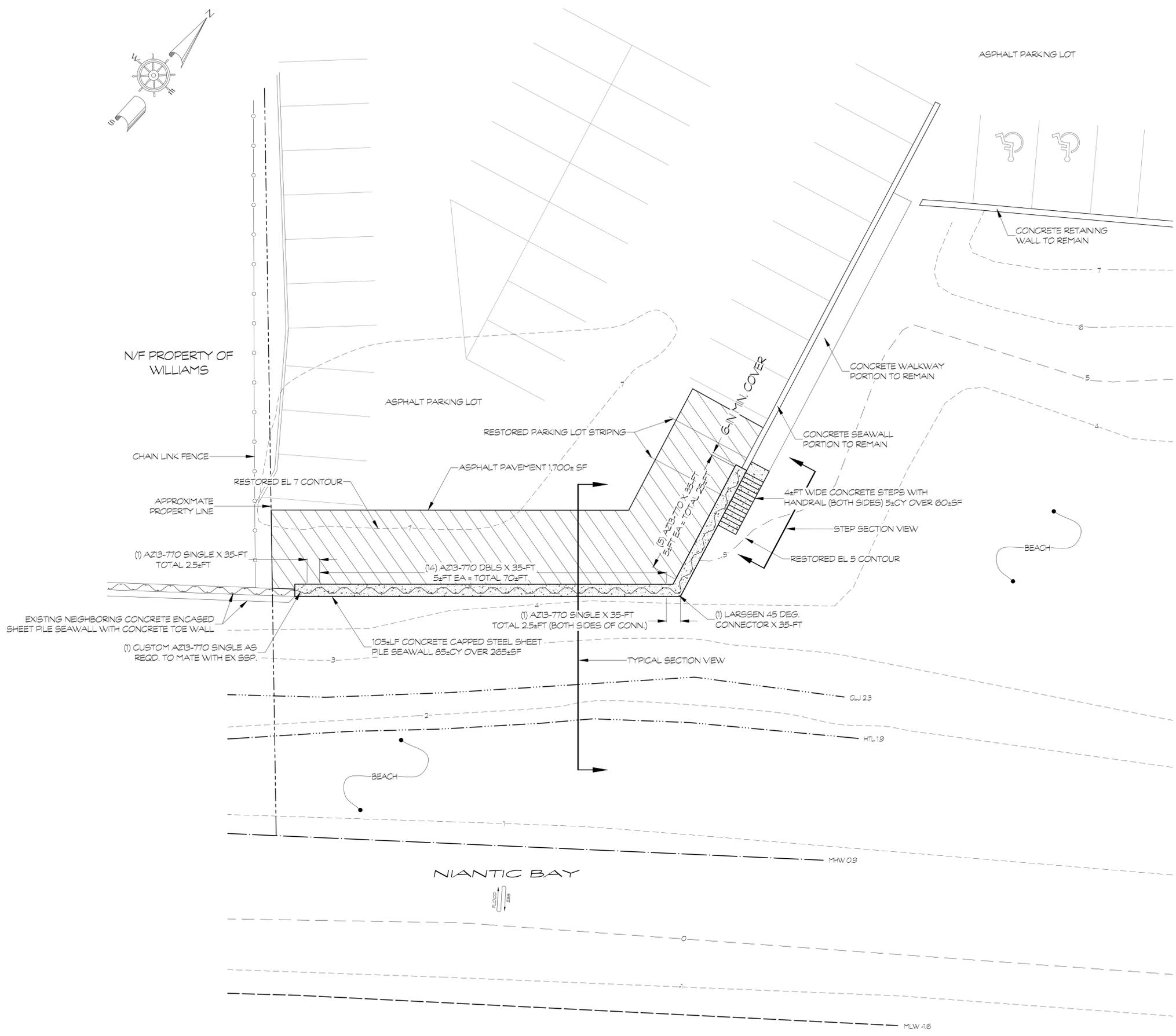
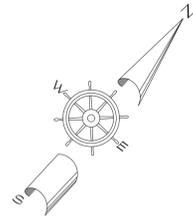
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SHEET 2 OF 5

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DATE: 11/25/2025

DIVISION: 0-25-05-3384



OVERALL PLAN
GRAPHIC SCALE 1" = 10'
0 5 10

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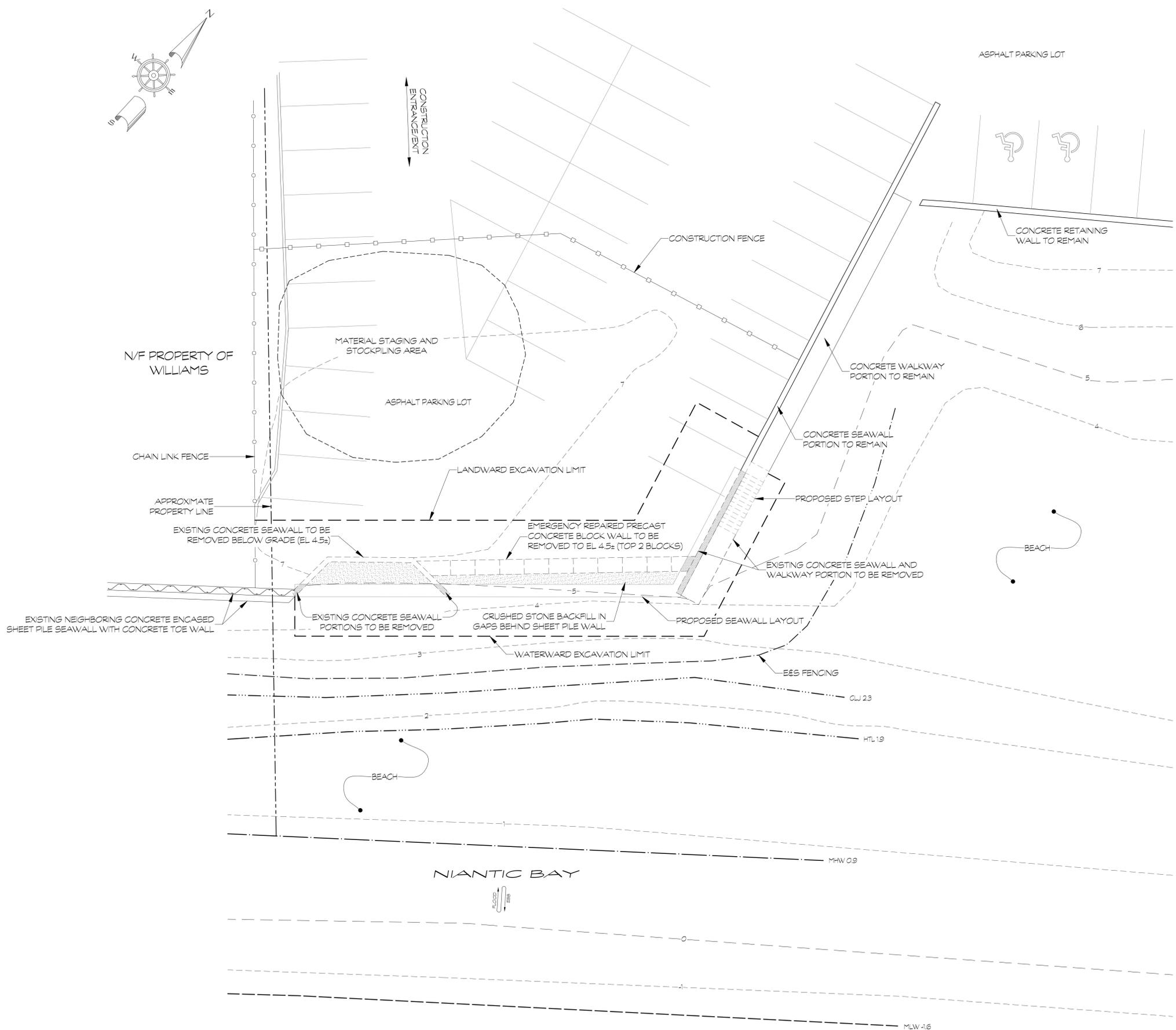
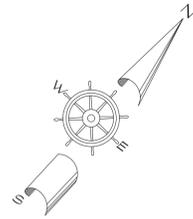
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SITE UTILIZATION/DEMOLITION PLAN



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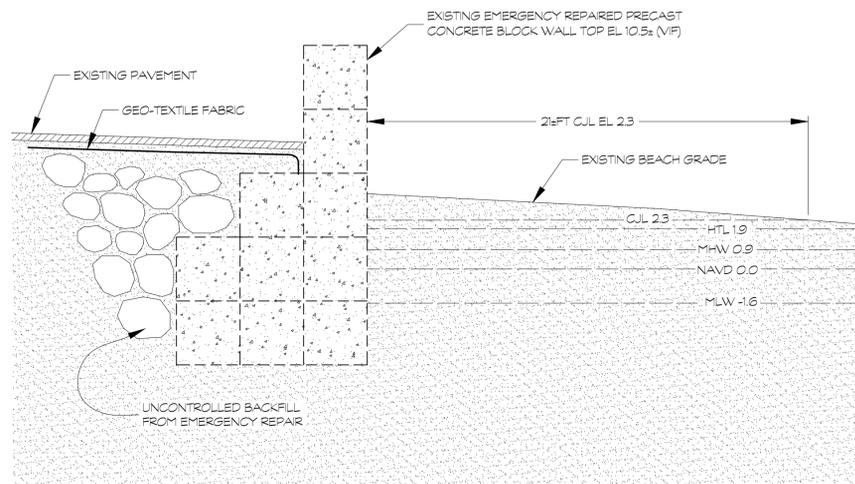
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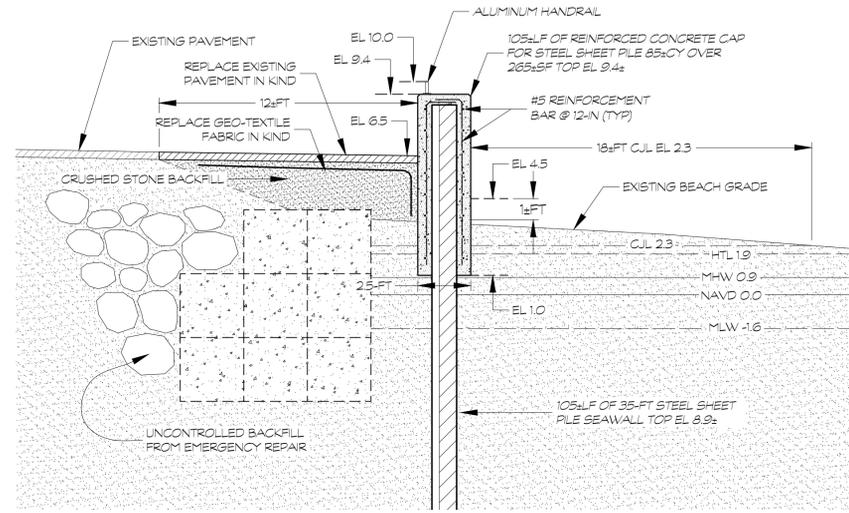
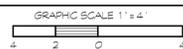
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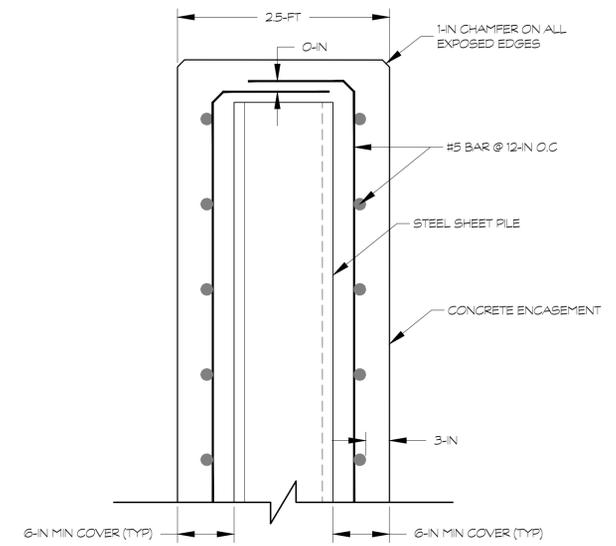




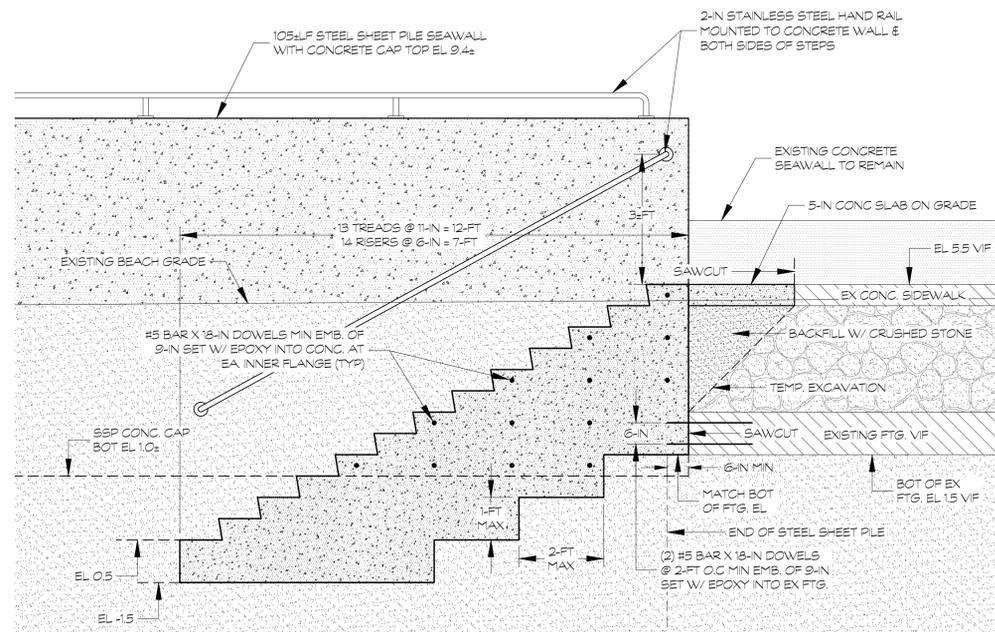
TYPICAL EXISTING SECTION VIEW



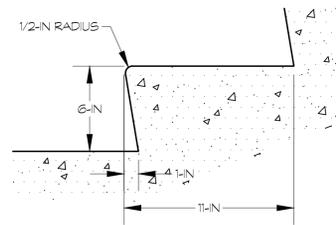
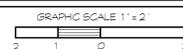
TYPICAL SECTION PROPOSED SECTION VIEW



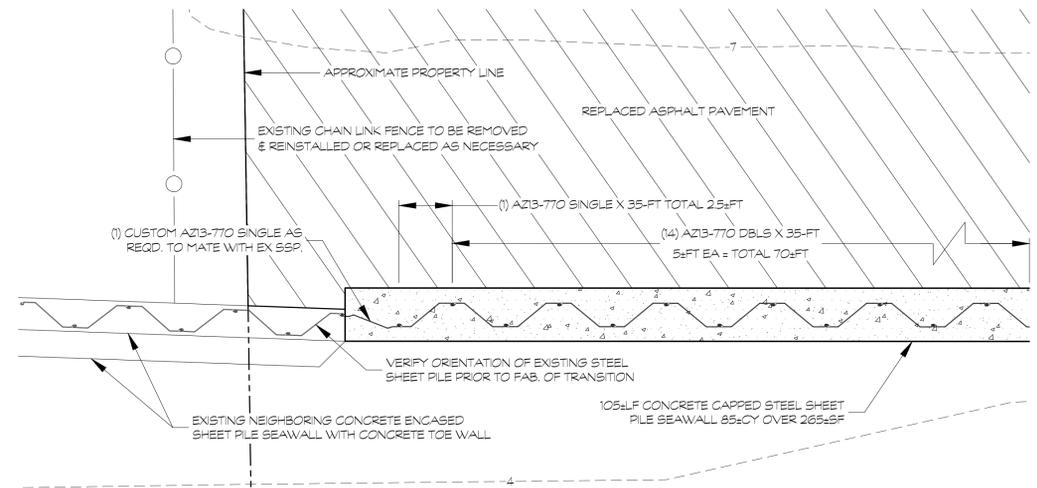
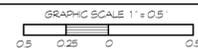
REINFORCEMENT DETAIL



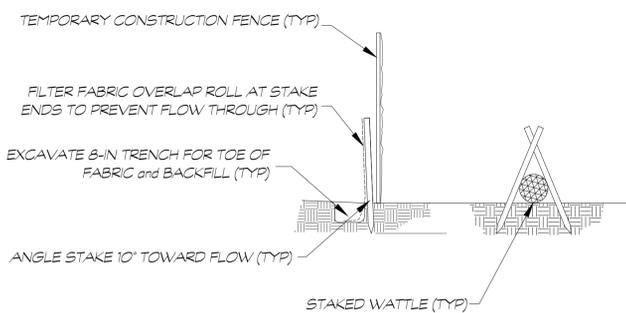
PROPOSED STEP SECTION VIEW



STEP DETAIL

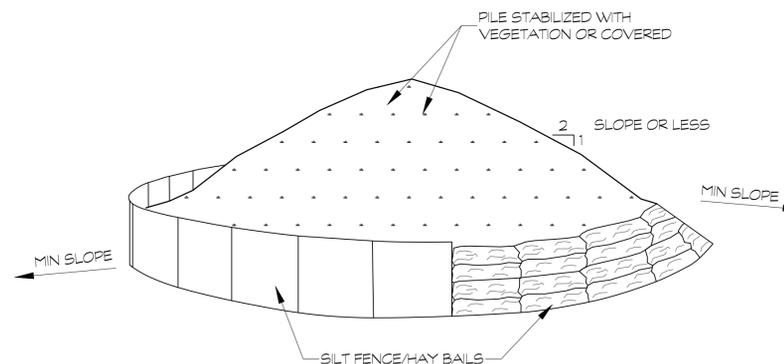


TERMINATION DETAIL



SILT FENCE/STAKED WATTLE DETAIL

NOT TO SCALE



STOCKPILE DETAIL

NOT TO SCALE

- NOTES:**
1. AREA FOR STOCKPILING OPERATION SHALL BE DRY AND STABLE
 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1
 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH REINFORCED SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED

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