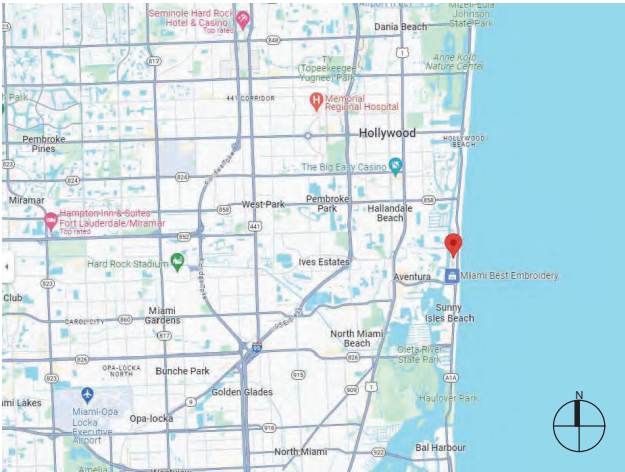




LOCATION MAP AND LEGAL DESCRIPTION



PROJECT SITE LOCATION:
334 S Parkway
Golden Beach, FL 33160

LATITUDE: 25°57'50.93"N
LONGITUDE: 80° 7'18.51"W

FOLIO No.: 19-1235-005-0640
LEGAL DESCRIPTION:
GOLDEN BEACH SEC E PB 8-122
LOT 37 BLK G
LOT SIZE 59.860 X 175
OR 19151-1035 05 2000 1
COC 25519-3450 03 2007 1

GENERAL NOTES:

1. ELEVATIONS SHOWN REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.
2. ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD.
3. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF ENGINEER BEFORE PROCEEDING WITH WORK. CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR ALL LINES, ELEVATIONS, AND MEASUREMENTS IN CONNECTION WITH THEIR WORK.
4. IT IS THE INTENT OF THESE PLANS AND THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE AND GOVERN HIMSELF BY ALL PROVISIONS OF THESE PERMITS.
5. APPLICABLE BUILDING CODE: FLORIDA BUILDING CODE, 2023 8th EDITION (AND CURRENT ADDENDUMS).
6. APPROVED CONTRACTOR TO DETERMINE THE SUITABILITY OF EXISTING STRUCTURES AND VERIFY ALL DIMENSIONS. THE APPROVED CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, MEANS, SEQUENCES AND PROCEDURES OF WORK.
7. DO NOT SCALE DRAWINGS FOR DIMENSIONS.
8. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK.
9. CONTRACTOR TO PROPERLY FENCE AND SECURE AREA WITH BARRICADES.
10. ANY DEVIATION AND/OR SUBSTITUTION FROM THE INFORMATION PROVIDED HEREIN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
11. ALL NEW MATERIALS AND/OR PATCHWORK SHALL BE PROVIDED TO MATCH EXISTING MATERIALS AND/OR ADJOINING WORK WHERE PRACTICAL EXCEPT AS SPECIFICALLY NOTED HEREIN.
12. LICENSED CONTRACTOR SHALL USE ALL POSSIBLE CARE TO PROTECT ALL EXISTING MATERIALS, SURFACES, AND FURNISHINGS FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.
13. THE LICENSED CONTRACTOR TO INSTALL AND REMOVE ALL SHORING AND BRACING AS REQUIRED FOR THE PROPER EXECUTION OF THE WORK.
14. ALL NEW WORK AND/OR MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF EACH ADMINISTRATIVE BODY HAVING JURISDICTION IN EACH PERTAINING CIRCUMSTANCE.
15. THE CONTRACTOR WILL EMPLOY AND MAINTAIN ADEQUATE SEDIMENT AND EROSION CONTROL MEASURES TO PROTECT BISCAYNE BAY FROM SEDIMENT AND CONSTRUCTION DEBRIS.

DESIGN CRITERIA

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE FOLLOWING CODES AND SPECIFICATIONS:

1. FLORIDA BUILDING CODE (FBC), 2023 8th EDITION.
 2. ACI 318-19, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
 3. ASCE 7-22, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
 4. NDS NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2018 EDITION.
 5. EM 1110-2-1100 (PART VI) COASTAL ENGINEERING MANUAL, 2011 EDITION.
- IN THE EVENT OF CONFLICT BETWEEN PERTINENT CODES AND REGULATIONS AND THE REQUIREMENTS OF THE REFERENCED STANDARDS OF THESE SPECIFICATIONS, THE PROVISIONS OF THE MORE STRINGENT SHALL GOVERN.

DOCK: LL 60 PSF

BOLTS: ALL BOLTS SHALL BE 316 STAINLESS STEEL, UNLESS OTHERWISE NOTED.

REBAR: ALL REBAR TO BE GALVANIZED GRADE 60 OR BETTER, UNLESS OTHERWISE NOTED.

CONCRETE

1. CONCRETE SHALL CONFORM TO ACI 318 (LATEST ED.) AND SHALL BE REGULAR WEIGHT, SULFATE RESISTANT, WITH A DESIGN STRENGTH OF 5,000 PSI AT 28 DAYS W/ A MAX WATER-CEMENTIOUS MATERIALS RATIO, BY WEIGHT, NORMAL WEIGHT AGGREGATE CONCRETE OF 0.40.
2. OWNER SHALL EMPLOY AND PAY FOR TESTING SERVICES FROM AN INDEPENDENT TESTING LABORATORY FOR CONCRETE SAMPLING AND TESTING IN ACCORDANCE W/ ASTM.
3. LICENSED CONTRACTOR IS RESPONSIBLE FOR THE ADEQUACY OF FORMS AND SHORING AND FOR SAFE PRACTICE IN THEIR USE AND REMOVAL.
4. CONCRETE COVER SHALL BE 3" UNLESS OTHERWISE NOTED ON APPROVED DRAWINGS.
5. REINFORCING STEEL SHALL BE IN CONFORMANCE WITH THE LATEST VERSION OF ASTM A615 GRADE 60 SPECIFICATIONS. ALL REINFORCEMENT SHALL BE PLACED IN ACCORDANCE W/ ACI 315 AND ACI MANUAL OF STANDARD PRACTICE.
6. SPLICES IN REINFORCING BARS SHALL NOT BE LESS THAN 48 BAR DIAMETERS AND REINFORCING SHALL BE CONTINUOUS AROUND ALL CORNERS AND CHANGES IN DIRECTION. CONTINUITY SHALL BE PROVIDED AT CORNERS OR CHANGES IN DIRECTION BY BENDING THE LONGITUDINAL STEEL AROUND THE CORNER 48 BAR DIAMETERS.

PILE DRIVING NOTES

1. ALL PILES TO BE INSPECTED BY ENGINEER PRIOR TO INSTALL.
2. ENGINEER TO OBSERVE PILE INSTALL PRIOR TO ISSUING PILE LOG.
3. PILE DRIVING OPERATIONS SHALL BE OBSERVED BY A SPECIAL INSPECTOR, INCLUDING TEST PILES SUFFICIENT TO DETERMINE THE APPROXIMATE LENGTH REQUIRED TO MEET DESIGN CAPACITY.
4. PILES SHALL BE DRIVEN USING AN APPROVED CUSHION BLOCK CONSISTING OF MATERIAL SO ARRANGED SO AS TO PROVIDE THE TRANSMISSION OF THE HAMMER ENERGY.
5. PILES SHALL BE DRIVEN TO REQUIRED MINIMUM 15 TON (WOOD)/ (25-TON (CONCRETE) BEARING CAPACITY.
6. PILES SHALL BE DRIVEN WITH A DROP HAMMER OR GRAVITY HAMMER PROVIDED THE HAMMER SHALL WEIGH NO LESS THAN 3,000 POUNDS, AND THE FALL OF THE HAMMER SHALL NOT EXCEED 6 FT.
7. PILES SHALL BE DRIVEN WITH A VARIATION OF NOT MORE THAN 1" PER FOOT FROM THE VERTICAL, OR FROM THE BATTER LINE INDICATED, WITH A MAX VARIATION OF THE HEAD OF THE PILE FROM THE POSITION SHOWN ON THE PLANS OF NOT MORE THAN 3".
8. WHERE PILING MUST PENETRATE STRATA OFFERING HIGH RESISTANCE TO DRIVING, THE STRUCTURAL ENGINEER OF RECORD OR SPECIAL INSPECTOR MAY REQUIRE THAT PILES BE SET IN PRE-DRILLED OR PUNCHED HOLES. THE PILES SHALL REACH THEIR FINAL PENETRATION BY DRIVING.
9. PILES TO BE DRIVEN BASED ON RESULTS IN GEOTECHNICAL REPORT.

CALL 811 FOR UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

334 S PARKWAY WATERFRONT IMPROVEMENTS PROJECT

Golden Beach, Florida

CLIENT:
JF DESCENDANTS TRUSTS

334 South Parkway
Golden Beach, Florida 33160

ENVIRONMENTAL CONSULTANT:

**OCEAN
CONSULTING, LLC.**

359 Alcazar Avenue, Suite 200
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:
ADOLFO GONZALEZ P.E.

2050 Coral Way Suite 502
Miami, FL 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE



Digitally signed
by Adolfo J
Gonzalez
Date: 2025.07.15
14:26:03 -04'00'

Adolfo Gonzalez PE
Lic. No. 58620

PERMIT DRAWINGS

Issue # Issue Date

① May 13, 2025 - VD

△ July 9, 2025 - VD

PROJECT: 23-13825

**PROJECT LOCATION &
NOTES**

SCALE : AS SHOWN
SHEET NO.

S-1

**334 S PARKWAY
WATERFRONT
IMPROVEMENTS PROJECT**

Golden Beach, Florida

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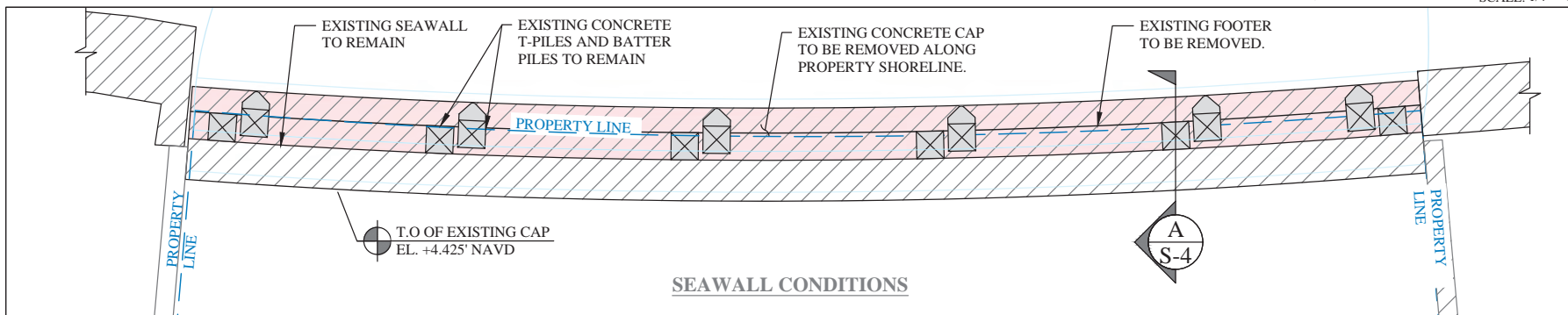
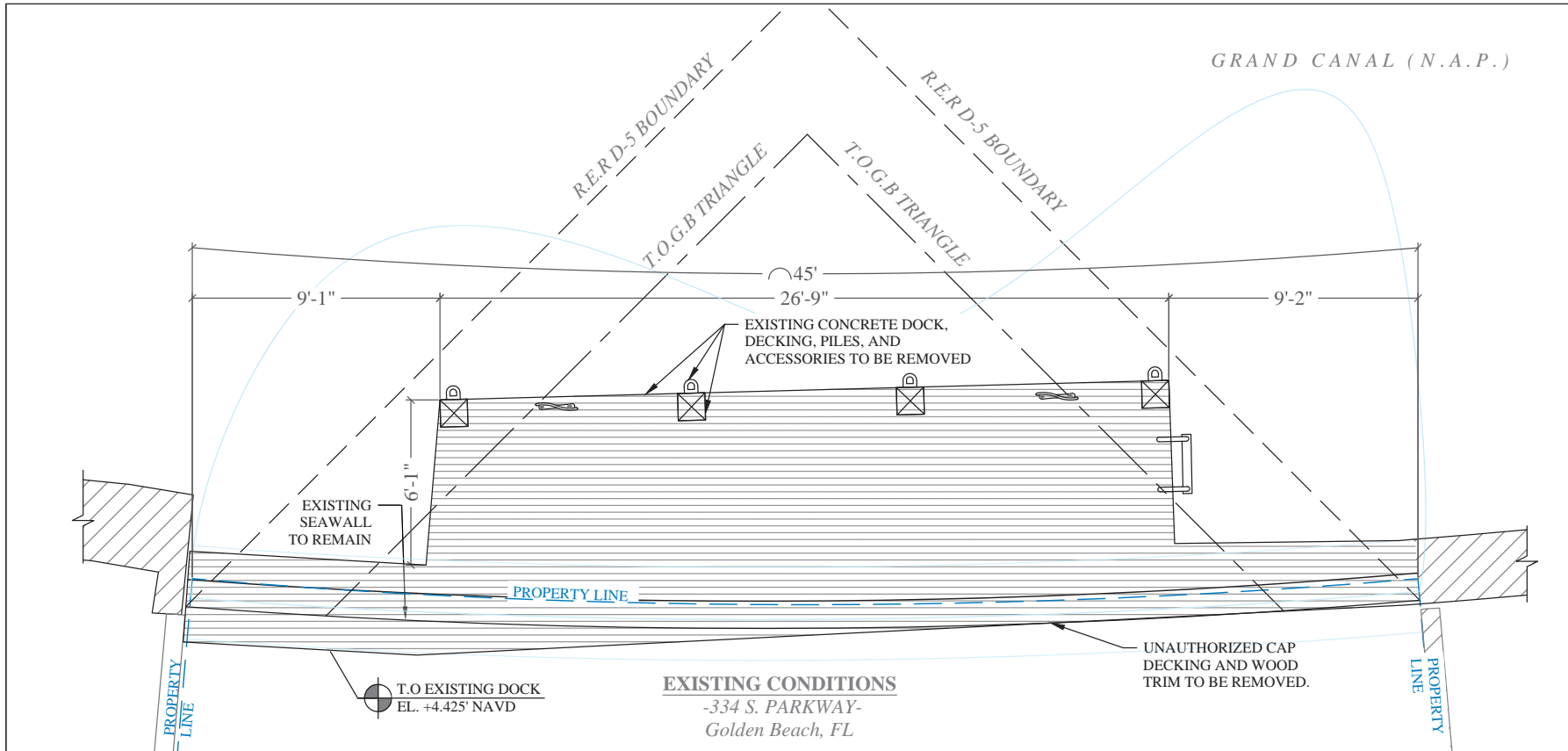
② July 9, 2025 - VD

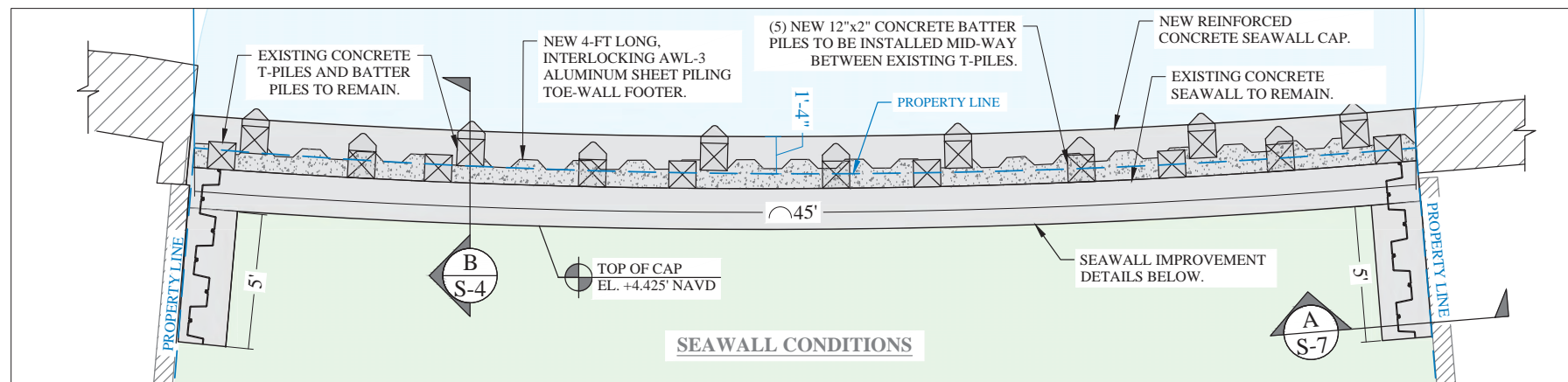
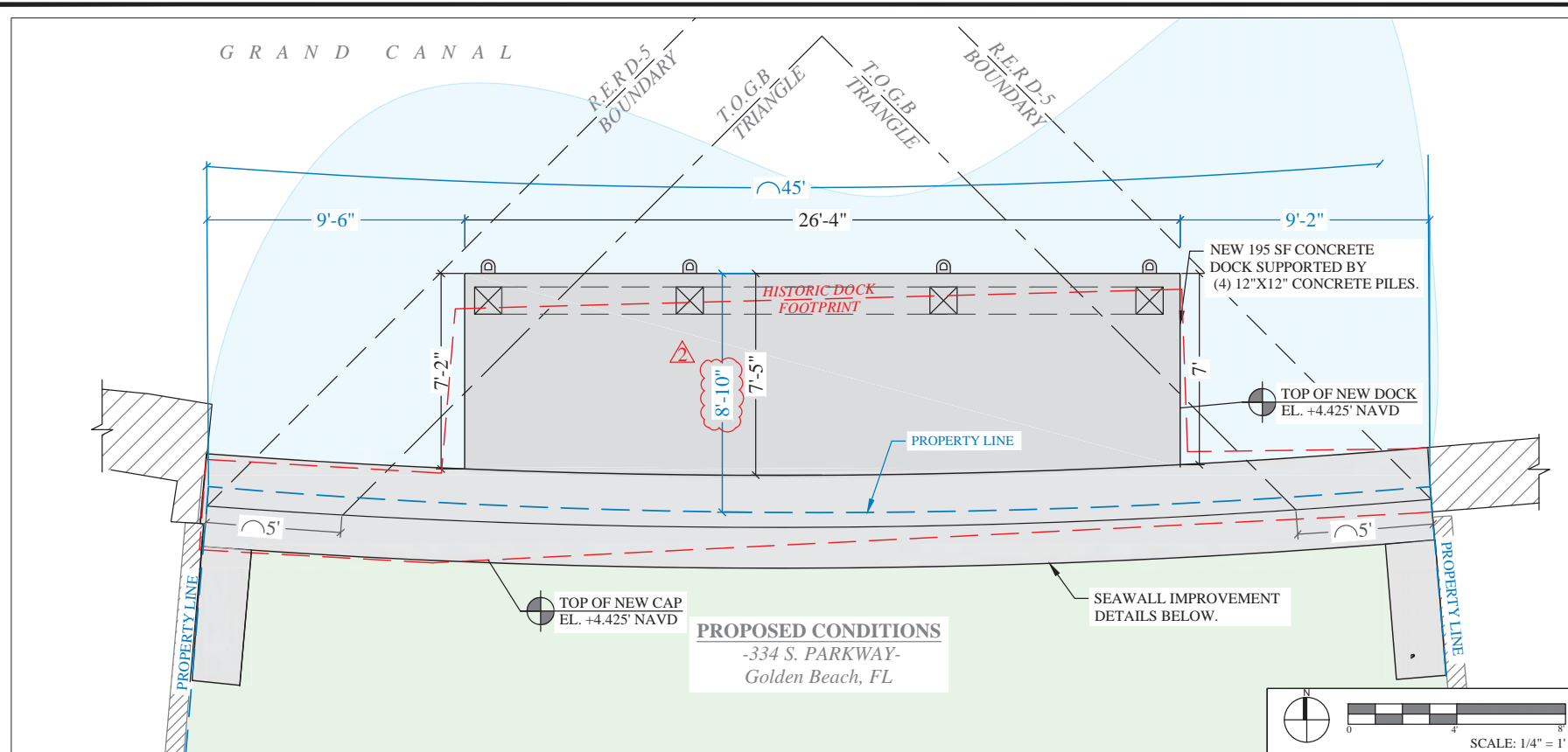
PROJECT: 23-13825

EXISTING CONDITIONS

SCALE: AS SHOWN
SHEET NO.

S-2





334 S PARKWAY WATERFRONT IMPROVEMENTS PROJECT

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⚠ July 9, 2025 - VD

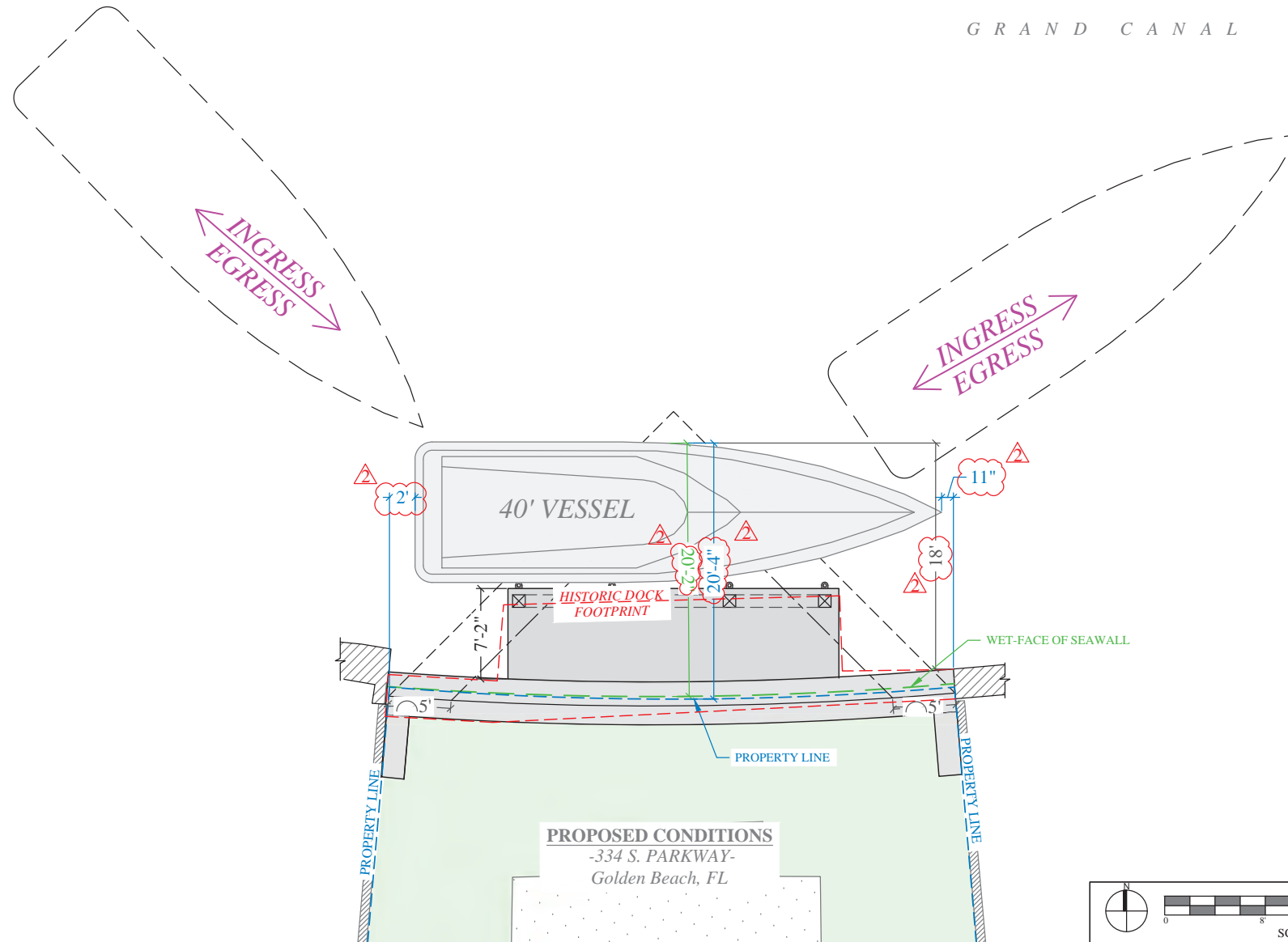
PROJECT: 23-13825

PROPOSED CONDITIONS

SCALE: AS SHOWN

SHEET NO.

S-3



334 S PARKWAY WATERFRONT IMPROVEMENTS PROJECT

Golden Beach, Florida

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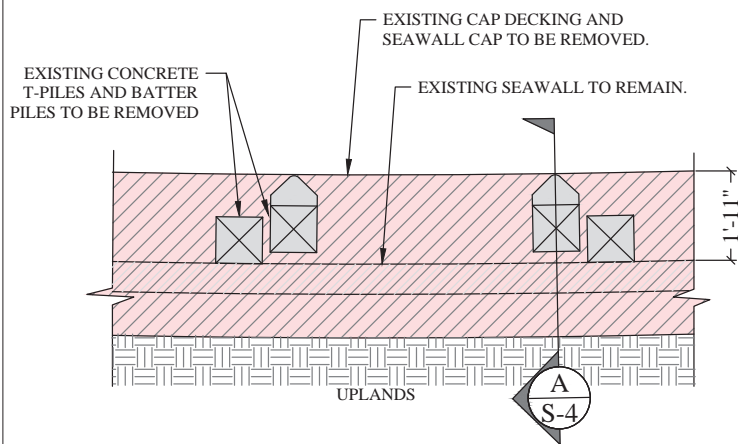
⚠ July 9, 2025 - VD

PROJECT: 23-13825

**MOORING
CONFIGURATION**

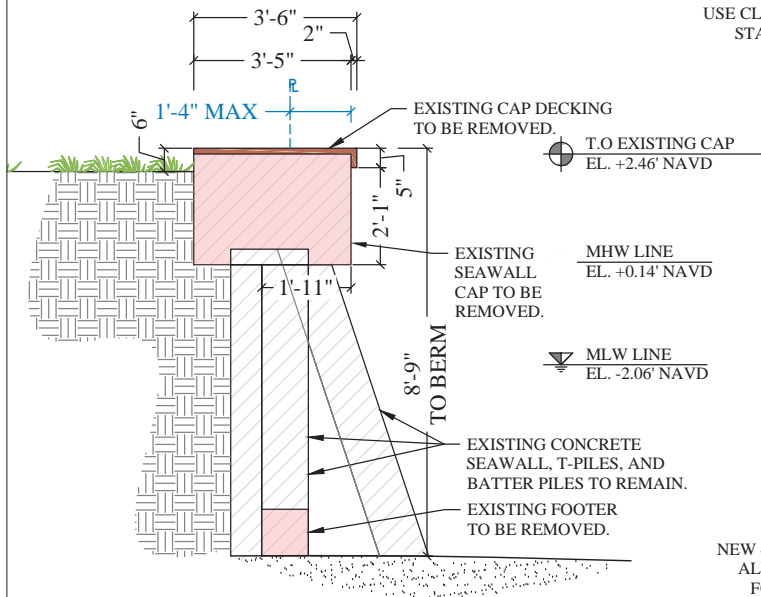
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SHEET NO.

S-3A



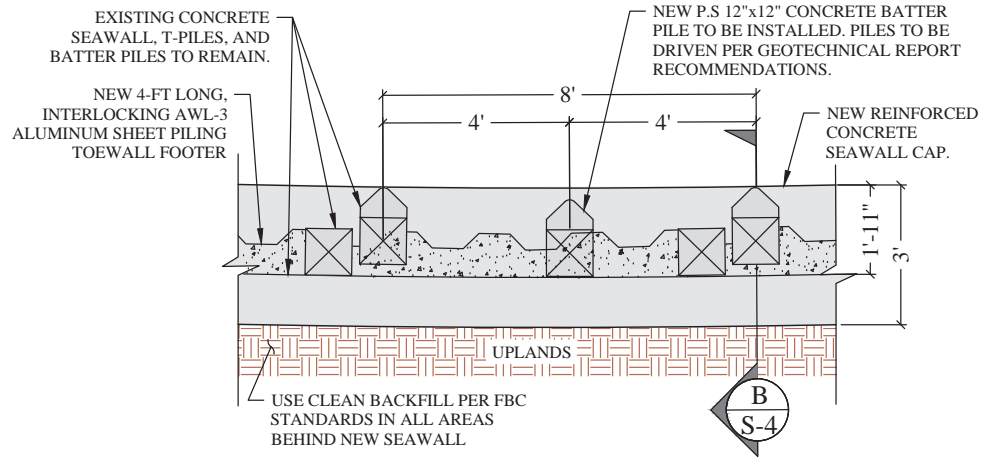
EXISTING SEAWALL PLAN DETAIL 1

SCALE: 3/8" = 1'-0"



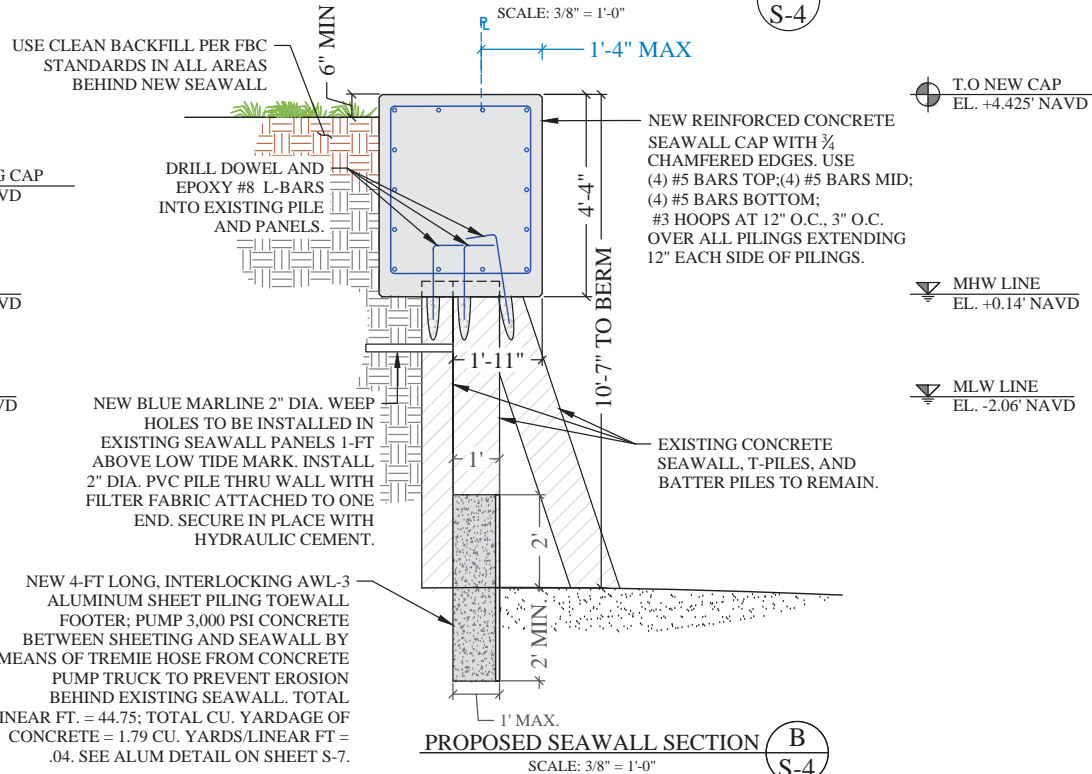
EXISTING SEAWALL SECTION A

SCALE: 3/8" = 1'-0"



PROPOSED SEAWALL PLAN DETAIL 2

SCALE: 3/8" = 1'-0"



PROPOSED SEAWALL SECTION B

SCALE: 3/8" = 1'-0"

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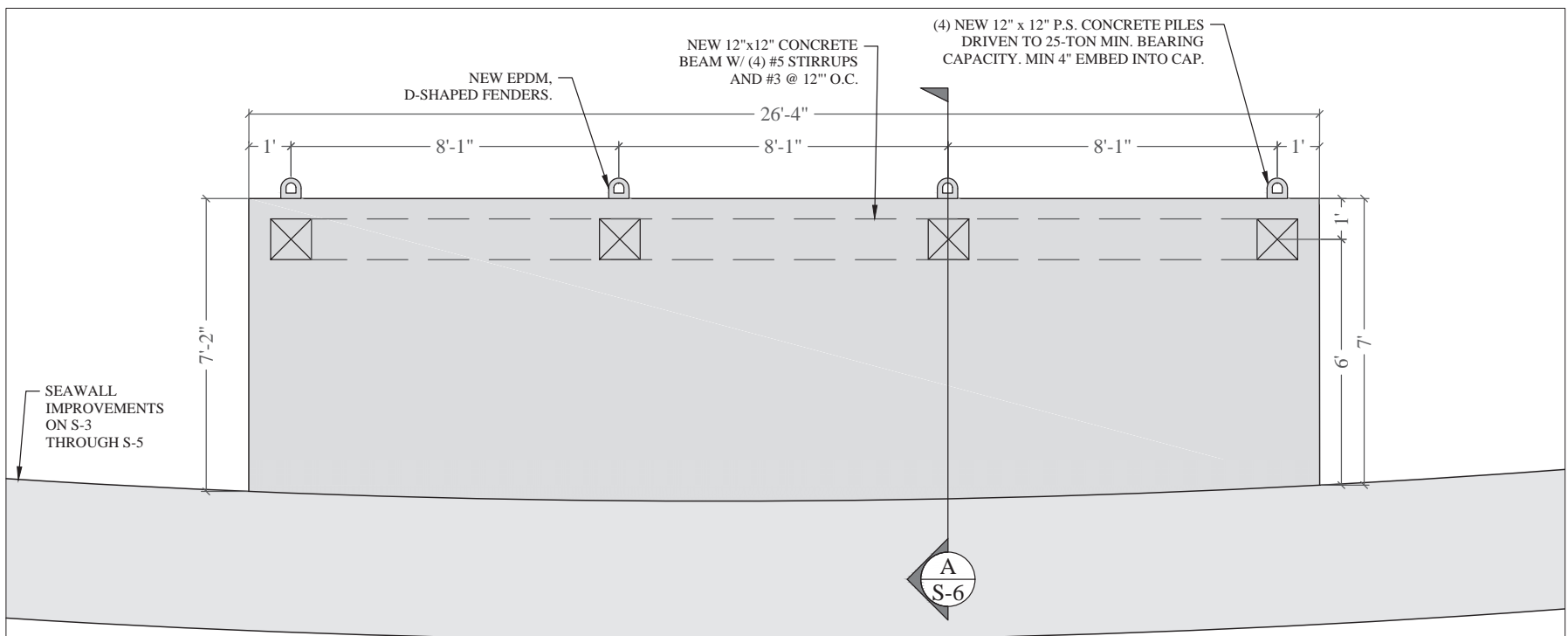
Issue # Issue Date
① May 13, 2025 - VD
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SECTION DETAILS

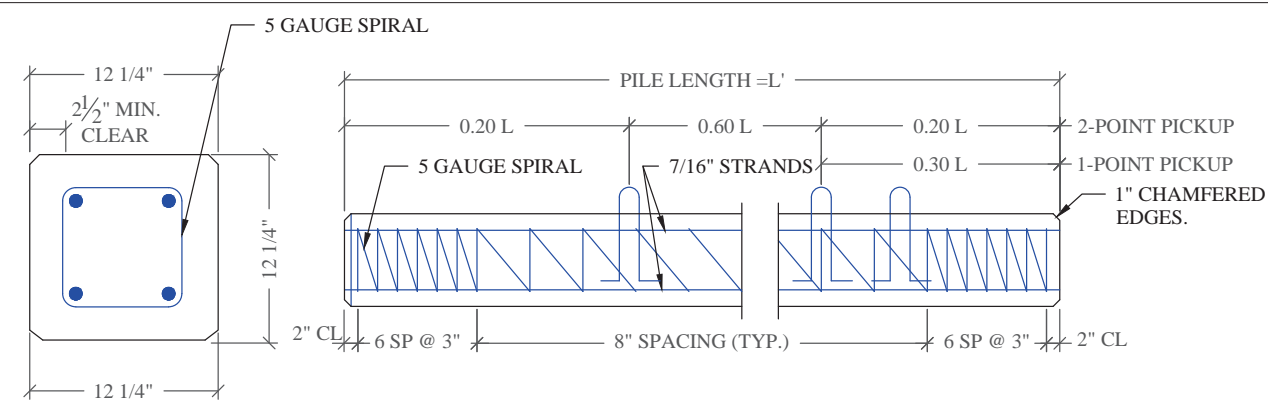
SCALE: AS SHOWN
SHEET NO.

S-4



STRUCTURAL FRAMING PLAN

SCALE: $\frac{3}{8}" = 1'-0"$



CONCRETE PILE DETAIL

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

1
S-5

PILE NOTE:

CONCRETE COMPRESSIVE STRENGTH:
3000 PSI @ RELEASE
5000 PSI @ DRIVING

STRANDS - USE FOUR 7/16" (270K)
LOW RELAXATION ASTM 416-87 UNCOATED
7-WIRE STRANDS TENSIONED TO 2.33 KIPS EACH

1-POINT PICKUP-MAXIMUM L = 50'
2-POINT PICKUP-MAXIMUM L = 62'

SPIRAL TO BE ASTM A-82 TIGHT
HARD-DRAWN WIRE

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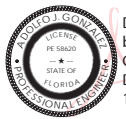
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CONSULTING, LLC.
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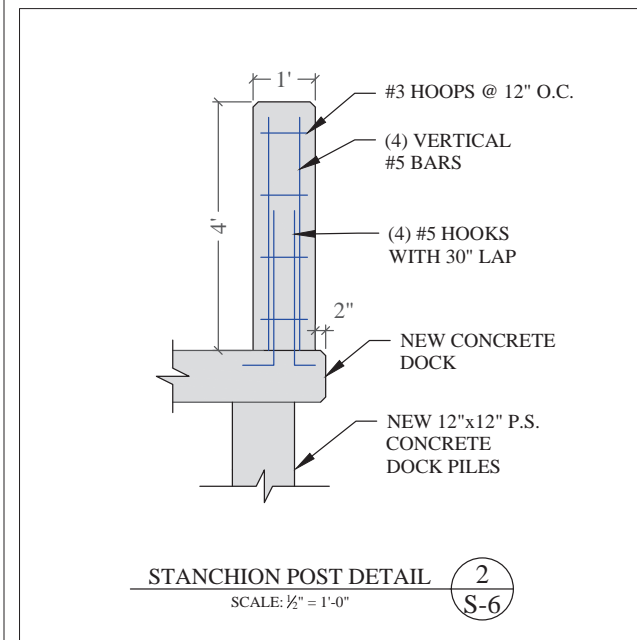
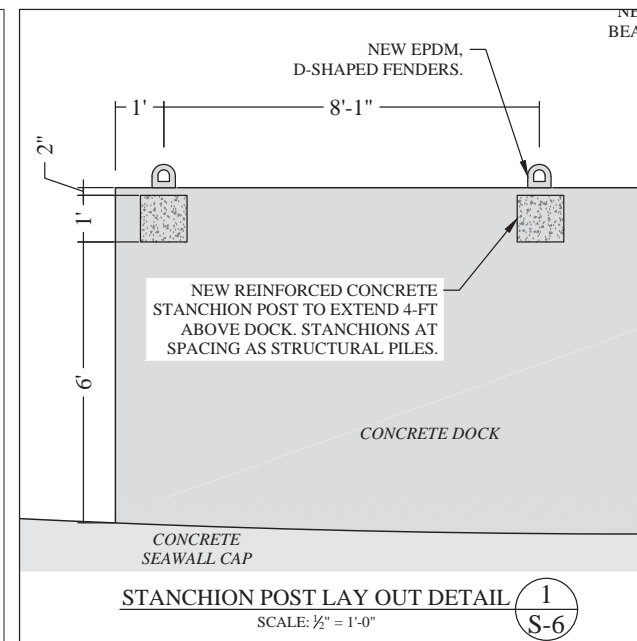
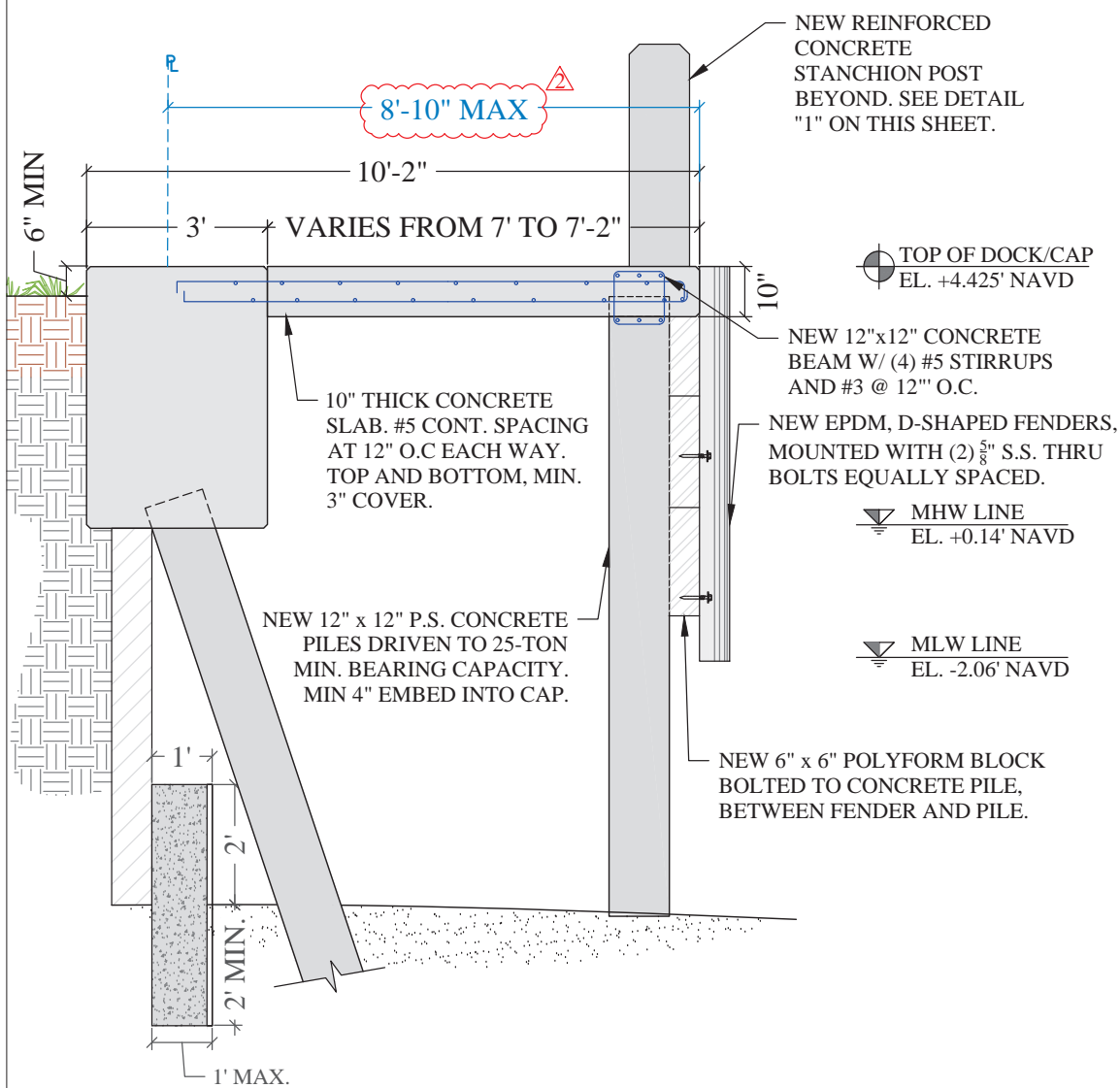
PERMIT DRAWINGS

Issue # Issue Date
① May 13, 2025 - VD
② July 9, 2025 - VD

PROJECT: 23-13825

DOCK STRUCTURAL
PLAN & DOCK PILE
DETAIL
SCALE: AS SHOWN
SHEET NO.

S-5



**334 S PARKWAY
WATERFRONT
IMPROVEMENTS PROJECT**

Golden Beach, Florida

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| Issue # | Issue Date |
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| Issue # | Issue Date |
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| ① | May 13, 2025 - VD |

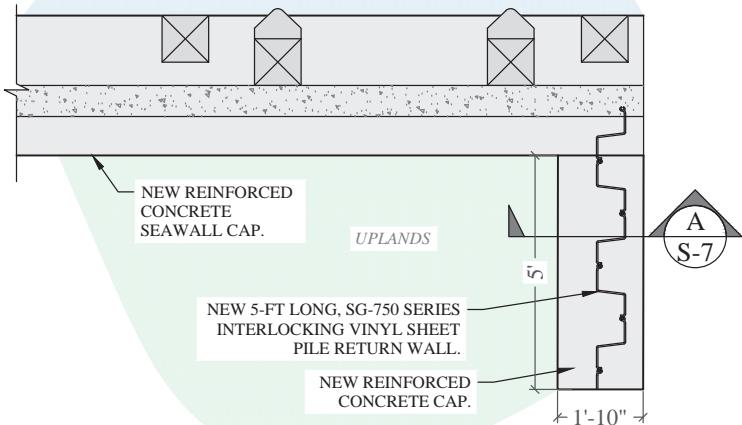
2 July 9, 2025 - VD

PROJECT: 23-13825

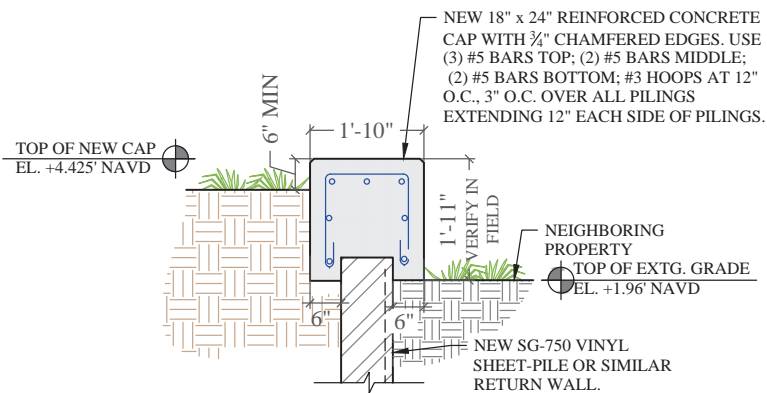
DOCK SECTION & DETAILS

SCALE : AS SHOWN
SHEET NO.

S-6



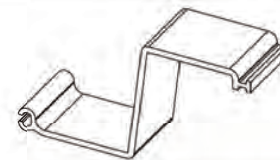
TYP. RETURN WALL CONDITION
DETAIL (TYP.)
SCALE: $\frac{3}{8}$ " = 1'-0"



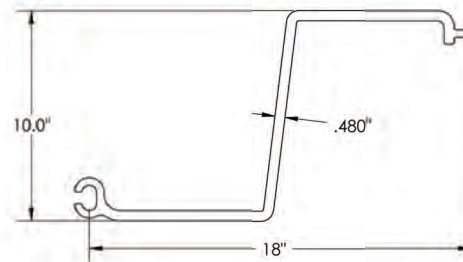
RETURN WALL SECTION
SCALE: $\frac{1}{2}$ " = 1'-0"



SG-750



| | | |
|-----------------------|-------------------------------|----------------------------|
| Allowable Moment (M) | 8,480 ft-lb/ft | 37.71 kN-m/m |
| Section Modulus (Z) | 31.8 in ³ /ft | 1,710 cm ³ /m |
| Moment of Inertia (I) | 159 in ⁴ /ft | 21,700 cm ⁴ /m |
| Impact Strength | 15,000 in-lbs/in ² | 2,625 N-mm/mm ² |
| Thickness (t) | 0.480 in | 12.2 mm |
| Section Depth | 10.0 in | 254 mm |
| Section Width | 18 in | 457 mm |
| Material | Weatherable Rigid Vinyl | |
| Standard Colors | Grey, Clay | |
| Technology | Z Profile, I-Beam Lock, XCR™ | |
| Standard Packaging | 12 sheets/bundle | |



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334 S PARKWAY WATERFRONT IMPROVEMENTS PROJECT

Golden Beach, Florida

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PROJECT: 23-13825

RETURN WALL DETAILS

SCALE: AS SHOWN
SHEET NO.

S-7