

VARIANCE APPLICATION PACKET

808 WEST DI LIDO DRIVE

City of Miami Beach



*Variance application for new dock with
mooring piles in set-back area.*

File No. ZBA20-113

*FINAL SUBMITTAL
JULY 7, 2020*

808 W. DILIDO DRIVE WATERFRONT IMPROVEMENT PROJECT

Miami Beach, Florida

CLIENT:
MR. EMMANUEL SEBAG
808 W. Dilido Drive
Miami Beach, FL 33139

ENVIRONMENTAL CONSULTANT:
**OCEAN
CONSULTING, LLC**
340 Minorca Avenue, Suite 7
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Tel: (305) 921-9344
Fax: (305) 677-3254
CONTRACTOR:

PROJECT ENGINEER:
ADOLFO GONZALEZ P.E.

2050 Coral Way
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Office - 305-415-8782

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Adolfo J Gonzalez
Date: 2020.07.06
09:48:48 -04'00'
Adolfo Gonzalez
Lic. No. 58620

PERMIT DRAWINGS

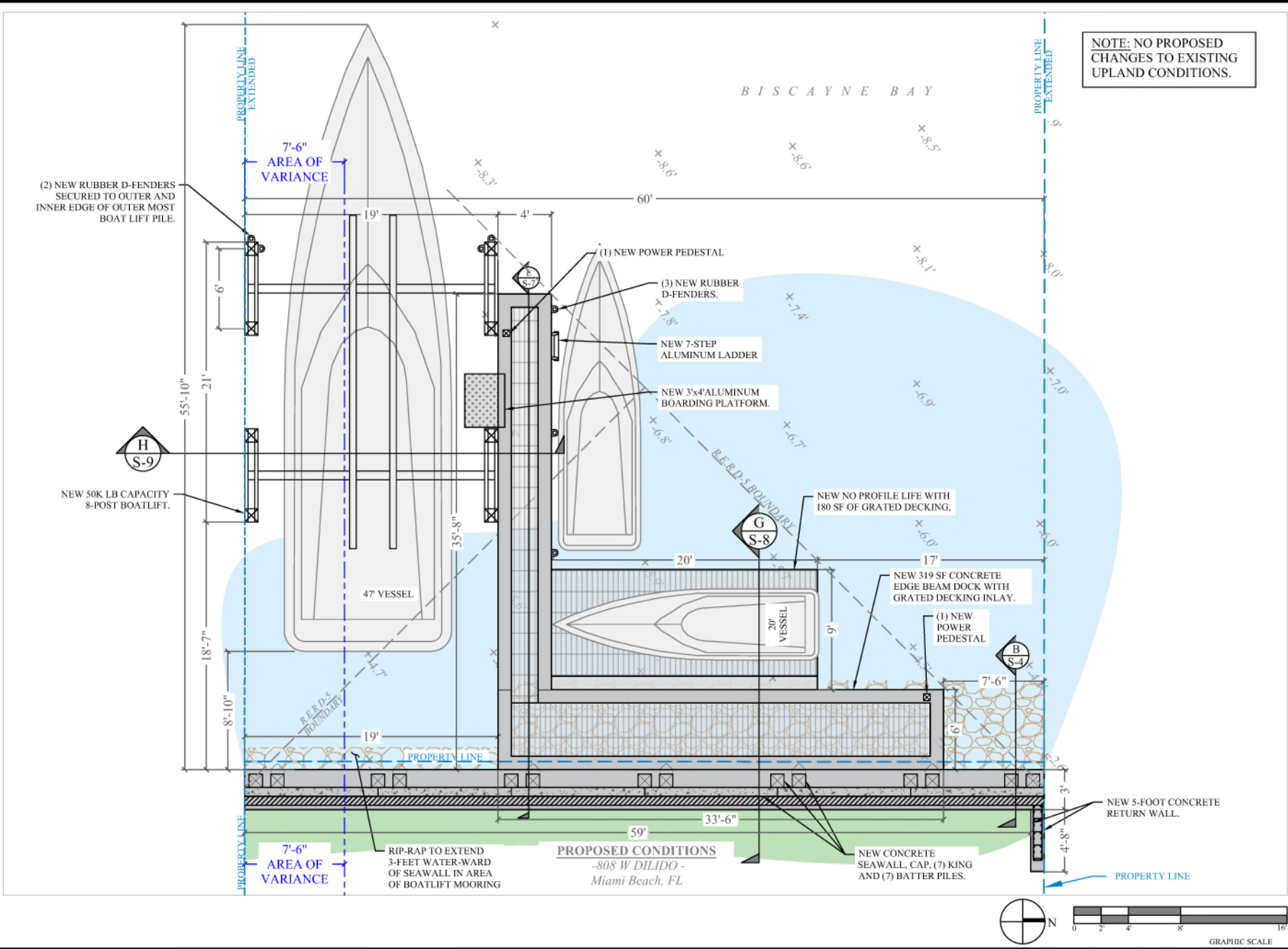
Issue #	Issue Date
①	July 2, 2020

PROJECT: 20-9840

COVER PAGE

SCALE : AS SHOWN
SHEET NO.

G-1



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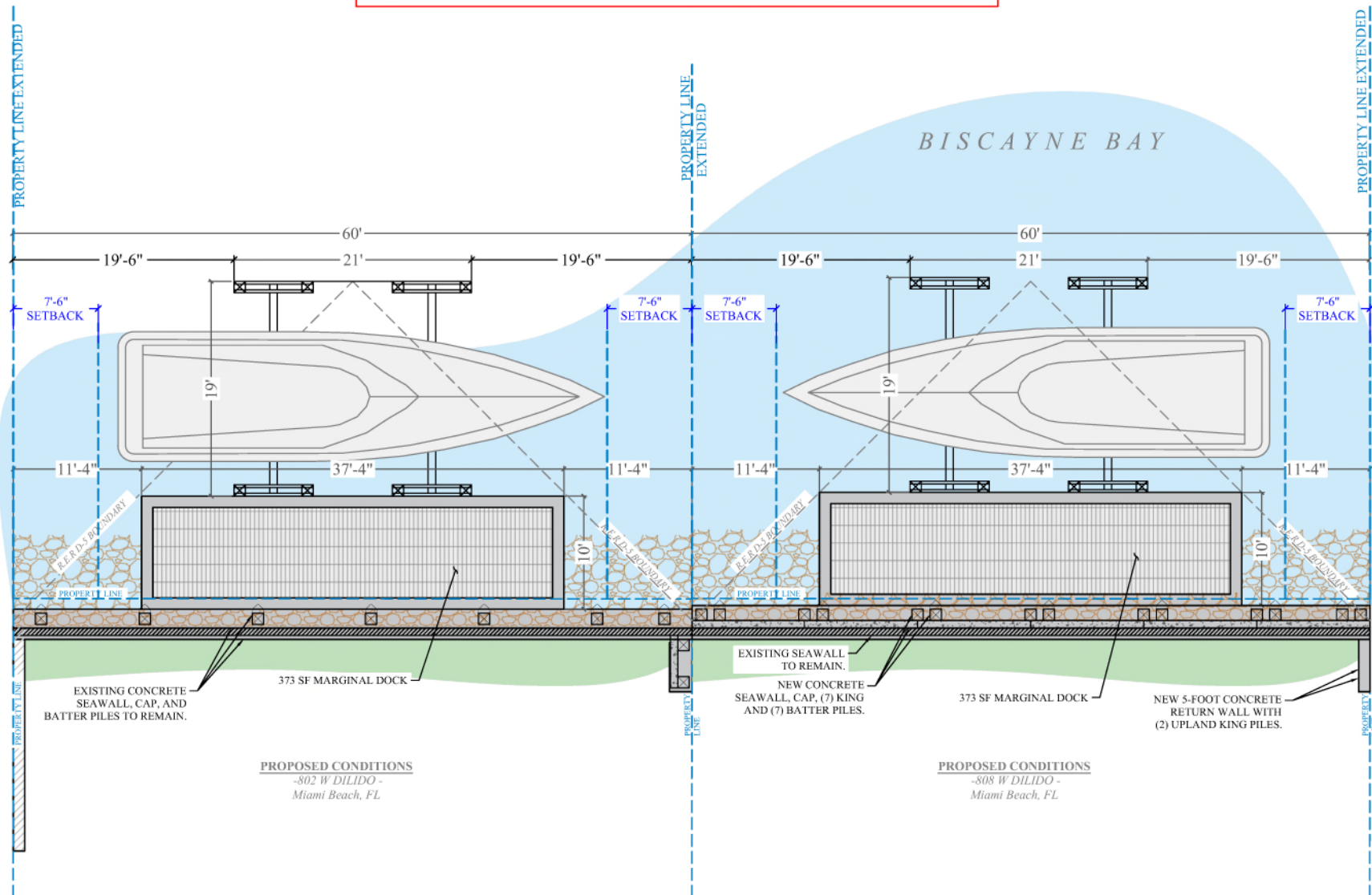
PROJECT: 20-9840

PROPOSED CONDITIONS

SCALE : AS SHOWN
SHEET NO.

S-3

**VARIANCE SUPPORT PAGE SHOWING PRACTICAL DIFFICULTY
OF DOCKING WITHOUT THE REQUESTED VARIANCE.**



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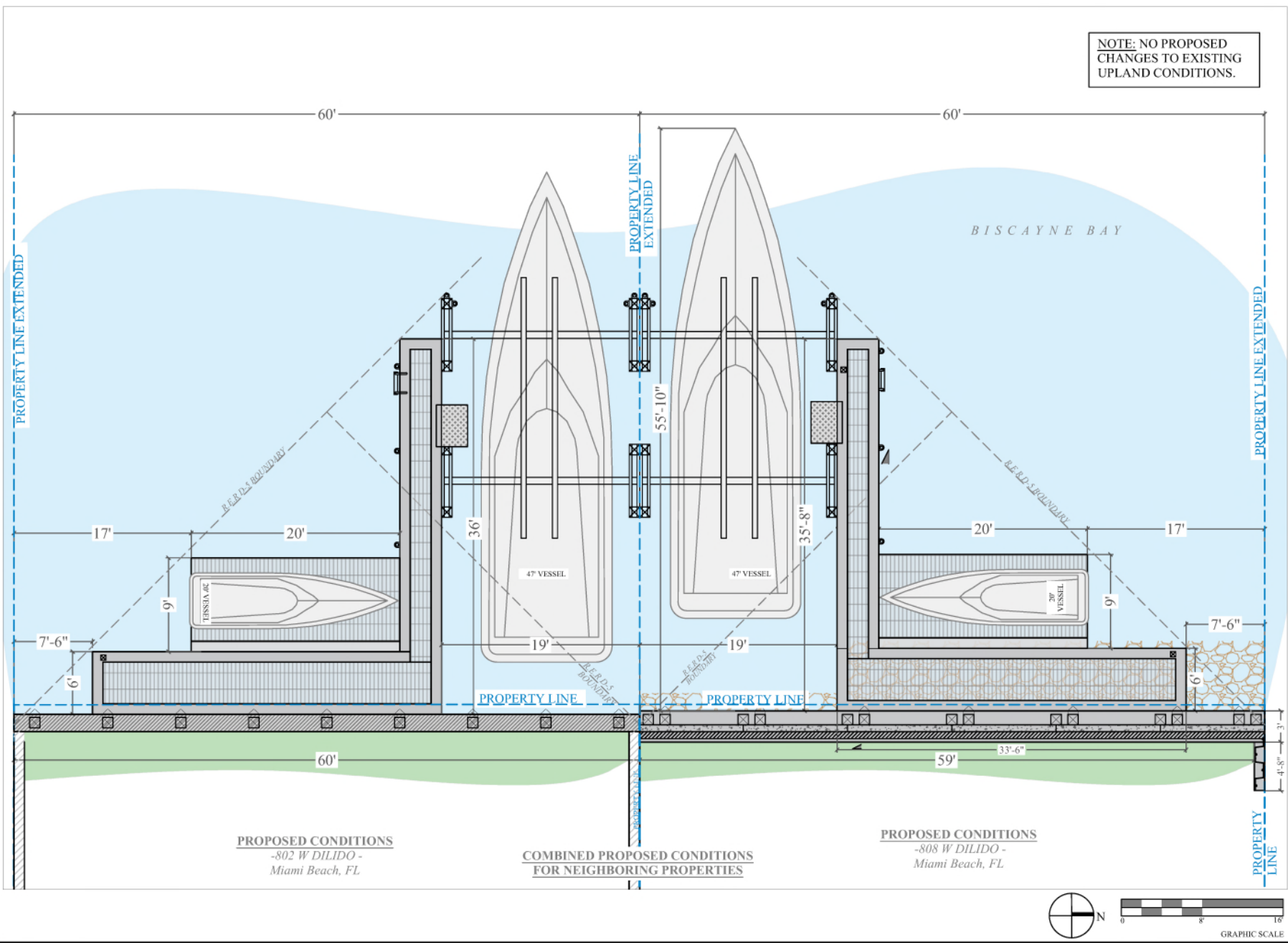
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① July 2, 2020

PROJECT: 20-9840

**NOT FOR PERMIT:
PRACTICAL DIFFICULTY**

SCALE : AS SHOWN
SHEET NO.

V-1



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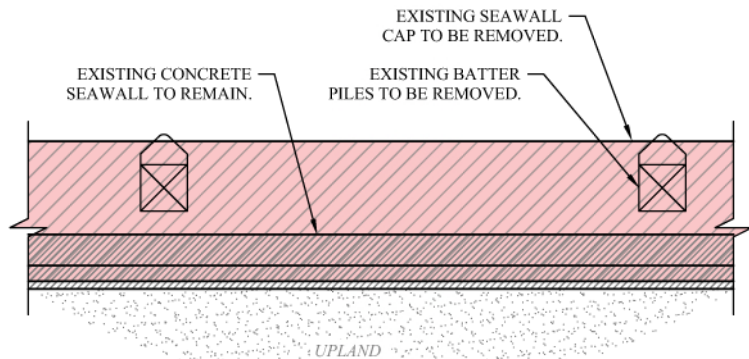
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PROJECT: 20-9840

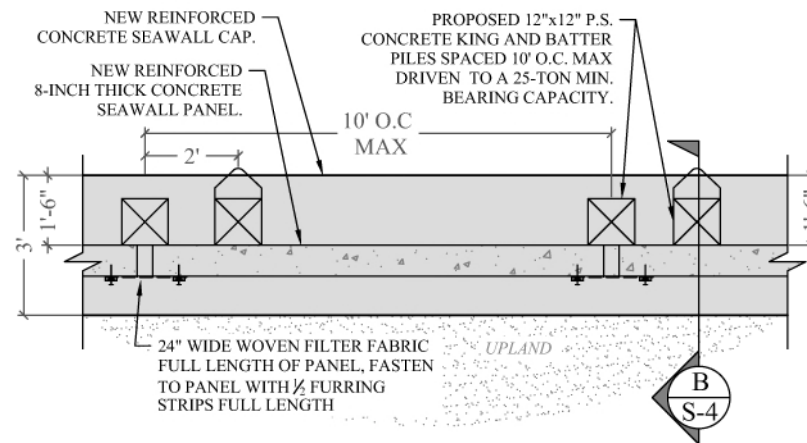
COMBINED PROPOSED
CONDITIONS FOR
NEIGHBORING PROPERTIES

SCALE : AS SHOWN
SHEET NO.

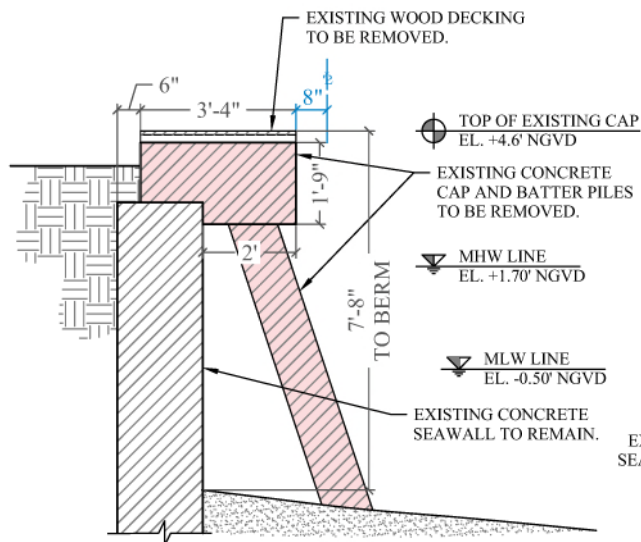
V-2



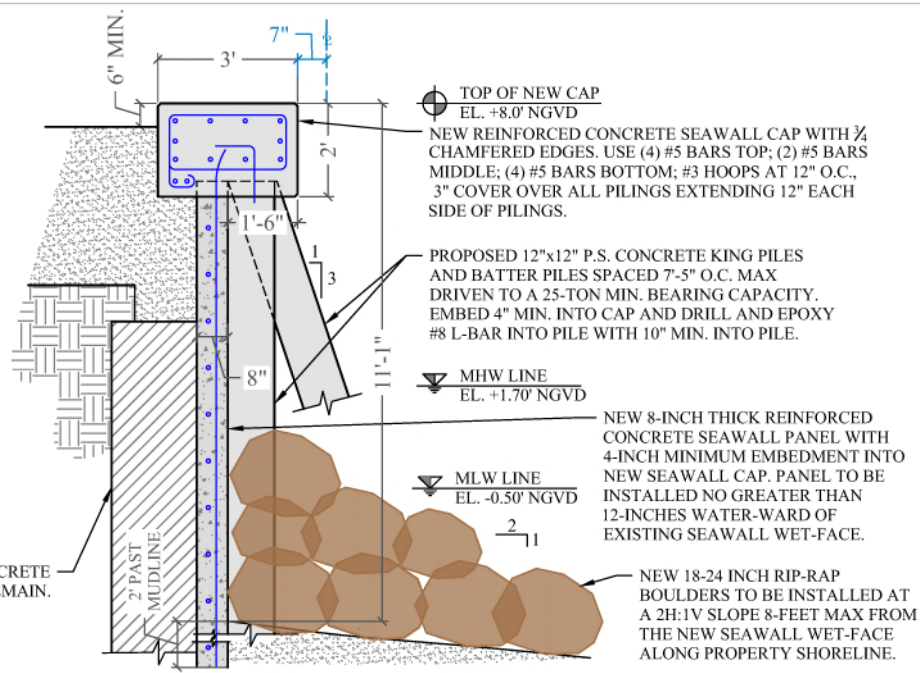
EXISTING SEAWALL CONDITION (1) S-4
SCALE: 3/8" = 1'-0"



PROPOSED SEAWALL CONDITION (2) S-4
SCALE: 3/8" = 1'-0"



EXISTING SEAWALL CONDITION (A) S-4
SCALE: 3/8" = 1'-0"



PROPOSED SEAWALL CONDITION (B) S-4
SCALE: 3/8" = 1'-0"

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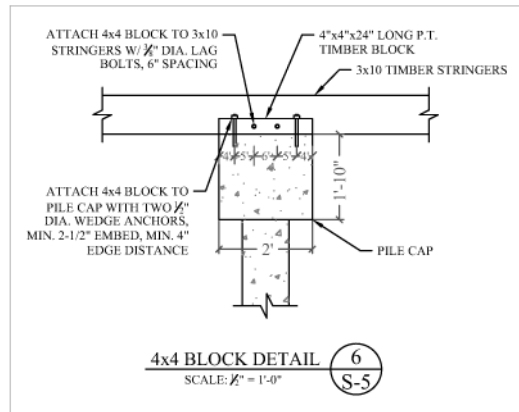
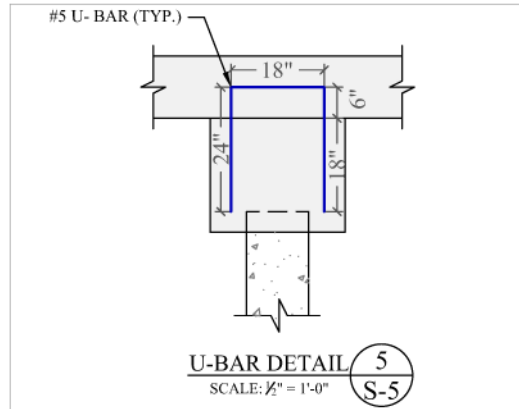
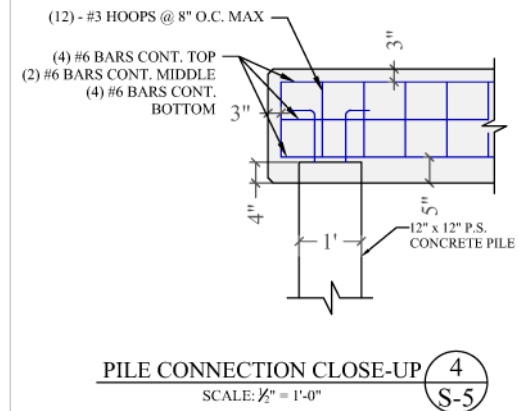
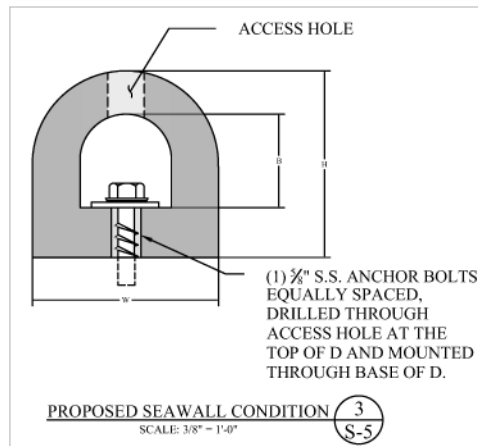
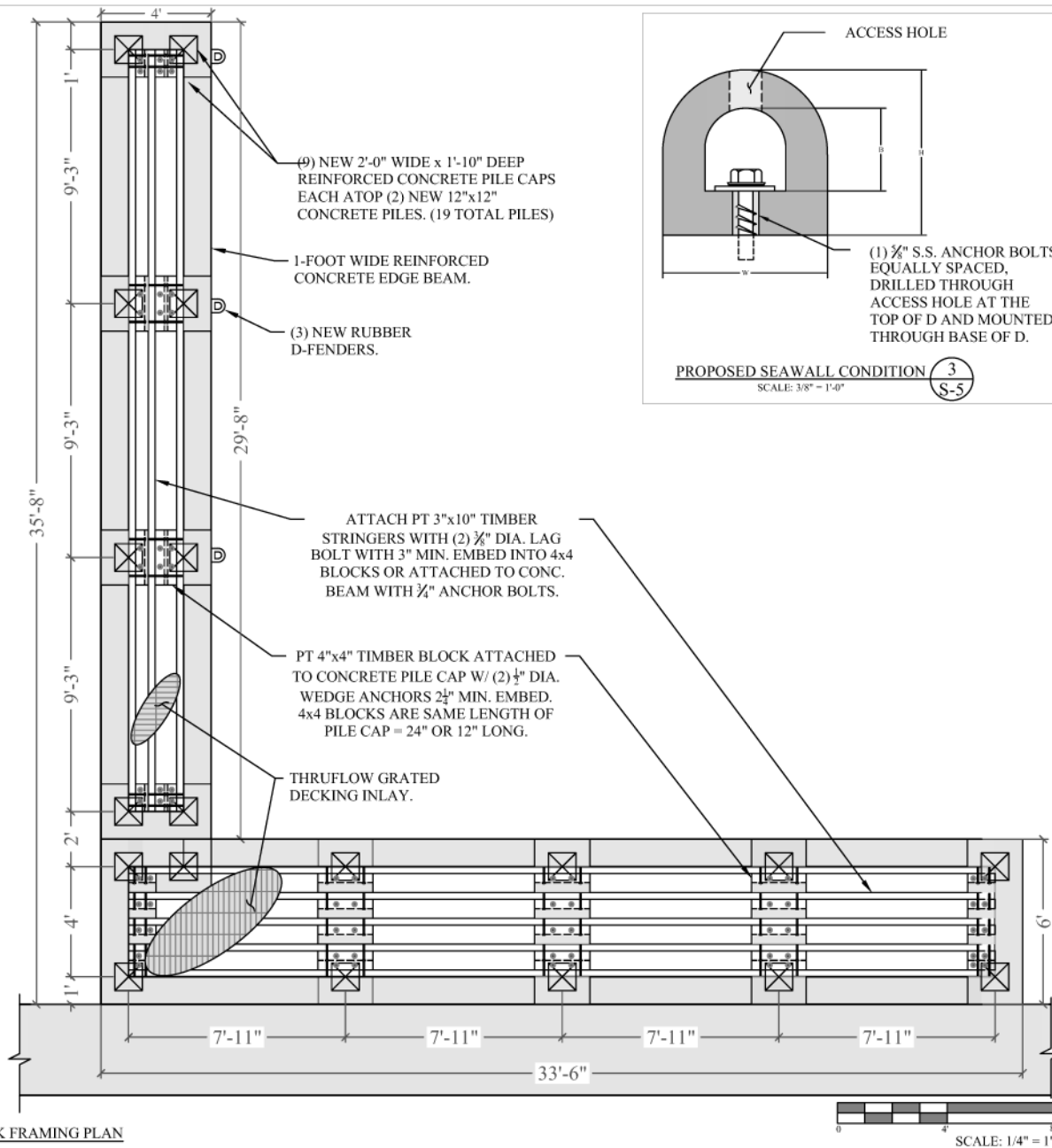
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**EXISTING & PROPOSED
SEAWALL SECTIONS**

SCALE: AS SHOWN
SHEET NO.

S-4



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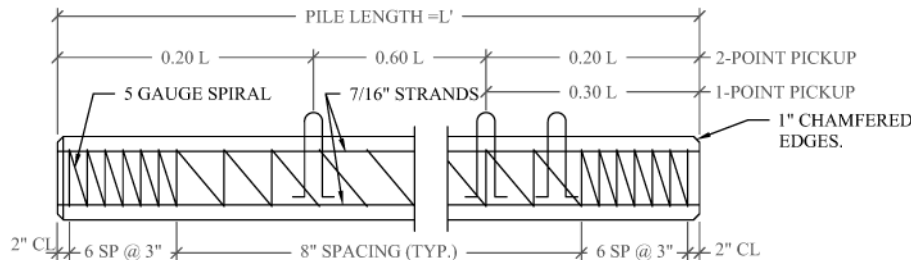
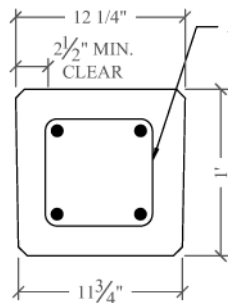
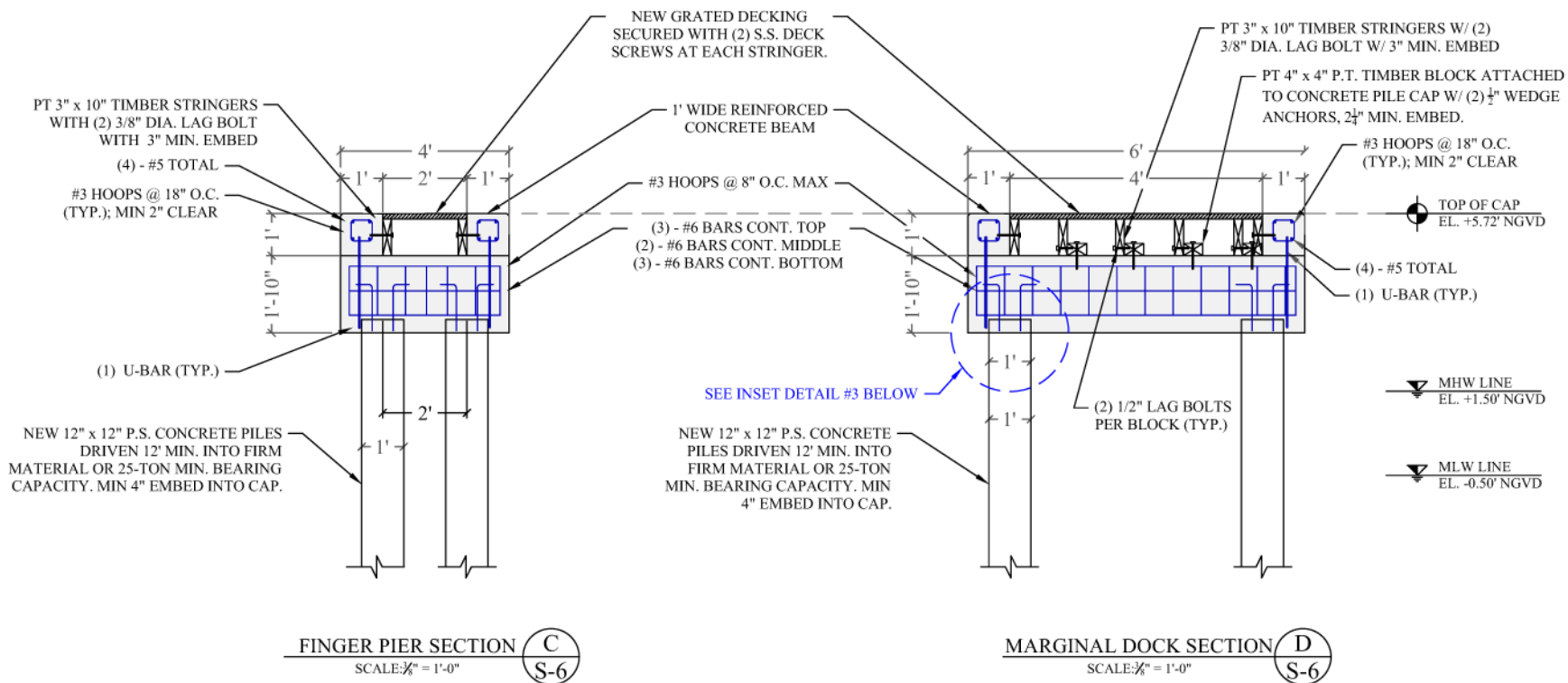
Issue #	Issue Date
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PROJECT: 20-9840

DOCK FRAMING PLAN & PILE CAP DETAILS

SCALE: AS SHOWN
SHEET NO.

S-5



CONCRETE PILE DETAIL 7
NOT TO SCALE

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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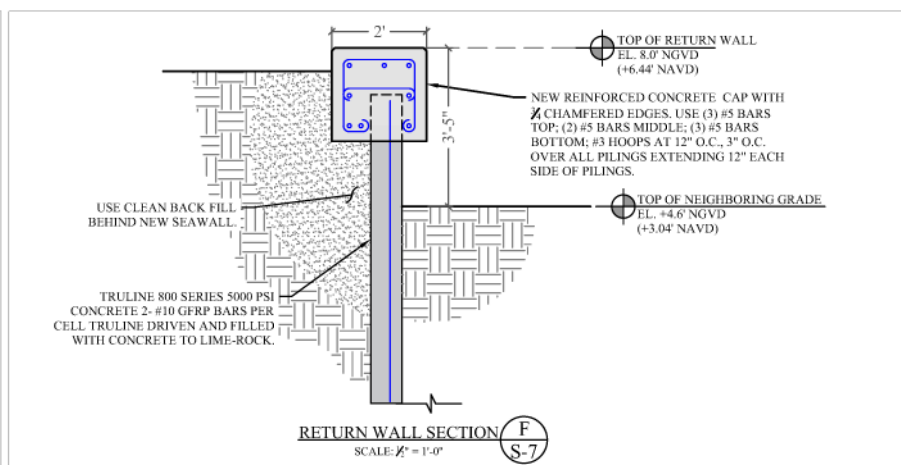
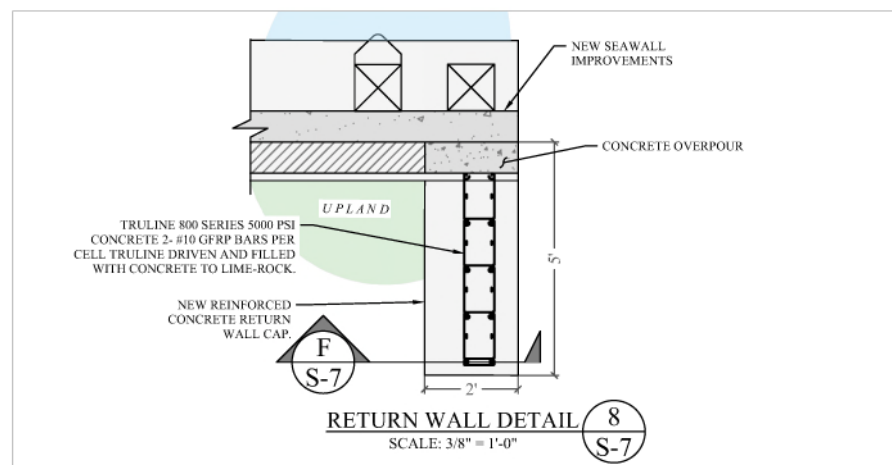
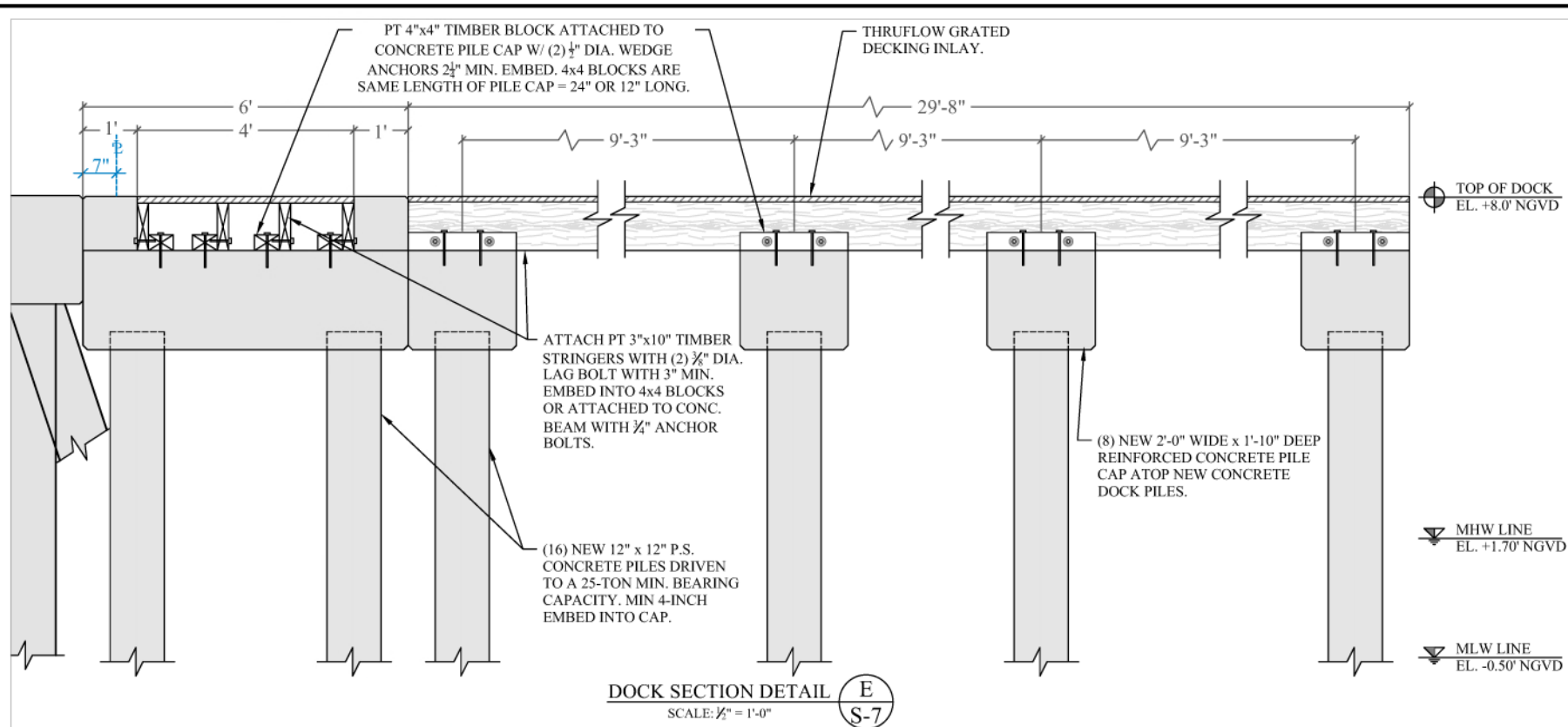
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**PILE CAP REINFORCING
& CONCRETE PILE
DETAIL**

SCALE: AS SHOWN
SHEET NO.

S-6



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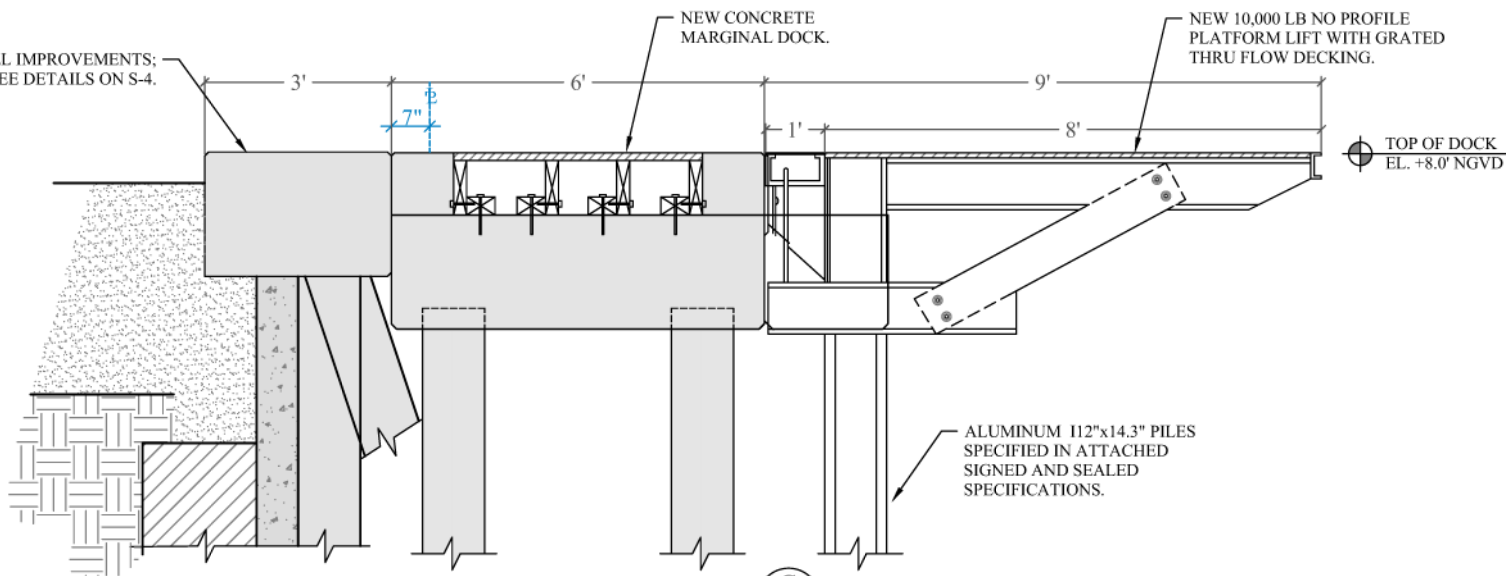
PROJECT: 20-9840

**DOCK SECTION &
RETURN WALL DETAILS**

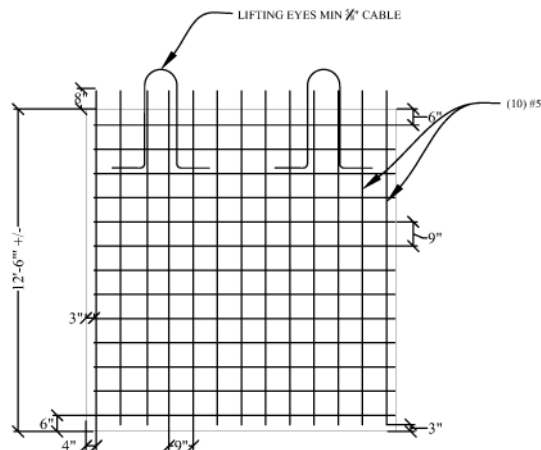
SCALE : AS SHOWN
SHEET NO.

S-7

NEW SEAWALL IMPROVEMENTS;
SEE DETAILS ON S-4.

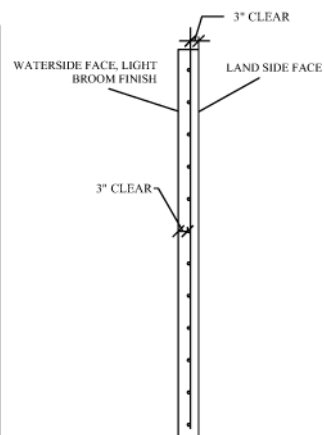


NO-PROFILE LIFT SECTION **G**
SCALE: 1/2" = 1'-0" **S-8**

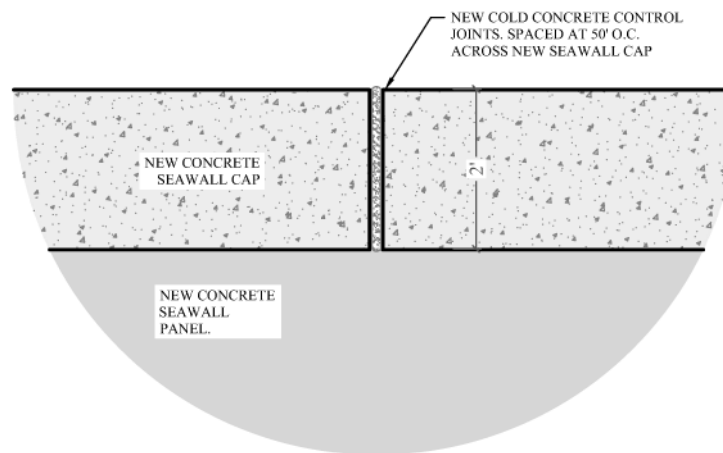


STEEL DETAIL
SCALE: AS SHOWN

SEAWALL PANEL REINFORCEMENT **9**
SCALE: 1/4" = 1'-0" **S-8**



PANEL SECTION
SCALE: AS SHOWN



CONTROL JOINT **10**
SCALE: 3/4" = 1'-0" **S-8**

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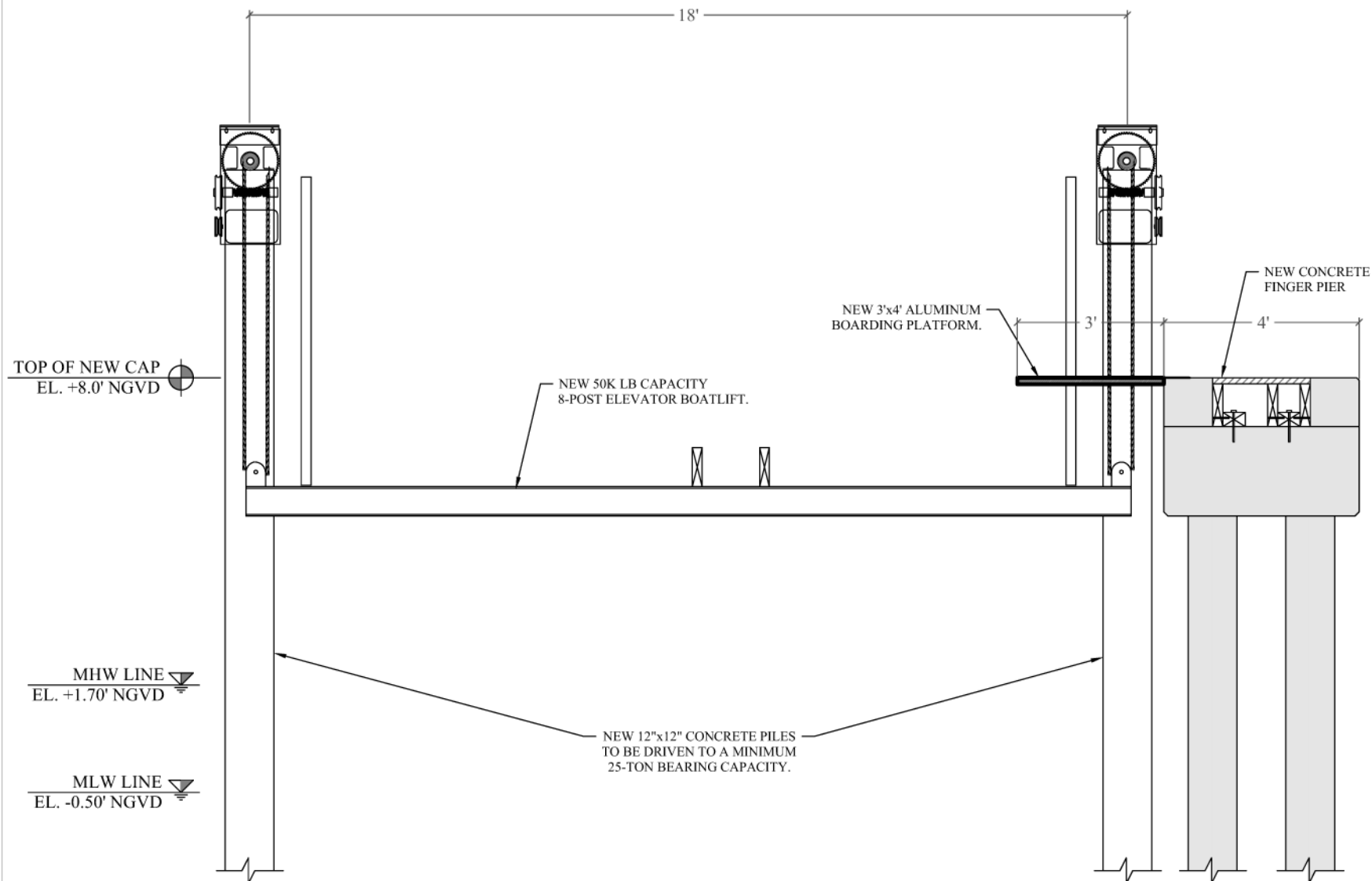
PERMIT DRAWINGS

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**DOCK SECTION, SHEET
PILE REINFORCEMENT &
CONTROL JOINT DETAIL**
SCALE: AS SHOWN
SHEET NO.

S-8



8-POST BOATLIFT SECTION H
S-9
SCALE: 1/2" = 1'-0"

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**8-POST BOATLIFT
SECTION**

SCALE: AS SHOWN
SHEET NO.

S-9