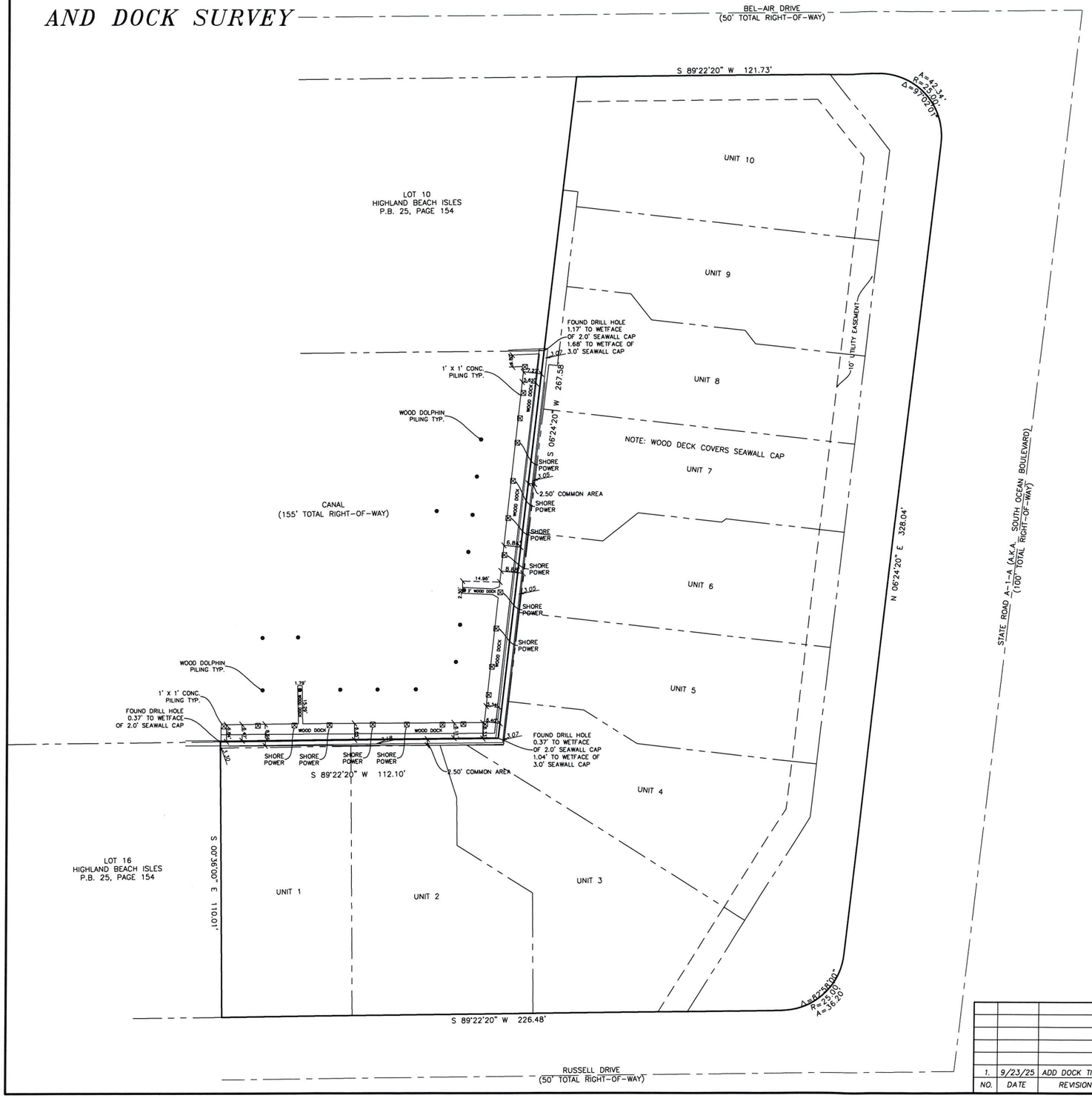
SPECIFIC PURPOSE SEAWALL AND DOCK SURVEY



GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

N

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HIGHLAND BEACH
BUILDING DEPARTMENT

LEGAL DESCRIPTION:

UNITS 1-10, CAMINO COVE, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 49, PAGE 107 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

SURVEYOR'S NOTES:

1. ALL BEARINGS OR ANGLES SHOWN HEREON ARE BASED ON THE RECORD PLAT UNLESS OTHERWISE NOTED. (GRID BEARING)
2. THIS SURVEY IS NOT VALID WITHOUT THE SURVEYOR'S SIGNATURE AND EMBOSSED SEAL.
3. ELEVATIONS SHOWN REFER TO NORTH AMERICAN VERTICAL DATUM (1988) AND ARE INDICATED THUS: 6.55
4. THIS IS A BOUNDARY SURVEY.
5. REFERENCE BENCHMARK G.P.S.
6. REFERENCE BEARING, CENTERLINE RUSSELL DRIVE
7. ELEVATIONS PER NAVD (1988) DATUM DERIVED FROM NGVD (1929) DATUM AND CONVERTED UTILIZING U.S. ARMY CORP OF ENGINEERS SOFTWARE (CORPSCON 6.0.1) OBTAINED HTTP://WWW. TECH.ARMY.MIL/

PAUL ANTHONY DAVIS

Digitally signed by PAUL ANTHONY DAVIS
Date: 2026.05.08 08:01:04 -04'00'

CERTIFICATE:
I HEREBY CERTIFY THAT THE ATTACHED SKETCH OF BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFYTHAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE, AS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, CHAPTER 5J-17, PURSUANT TO SECTION 472.027, FLORIDA STATUTES. SUBJECT TO QUALIFICATIONS HEREON.

DATE: 12/07/2024

PAUL A. DAVIS
P.S.M. #4531
STATE OF FLORIDA.

NO.	DATE	REVISION DESCRIPTION	BY
1.	9/23/25	ADD DOCK TIES TO PROP. LINE	A.M.D.

PAUL A. DAVIS, INC.
LB #0007219
Land Surveyors • Land Development • Consultants • Planners
4710 N.E. 17TH AVE., POMPANO BEACH, FLA. 33064-5837
Phone: (954) 263-3102
Subdivisions & Condominiums Land & Site Planning
Lot Surveys • Mortgage Surveys • Acreage Surveys • Topographic Surveys • Record Plats • Condominium Plats • Construction Layout

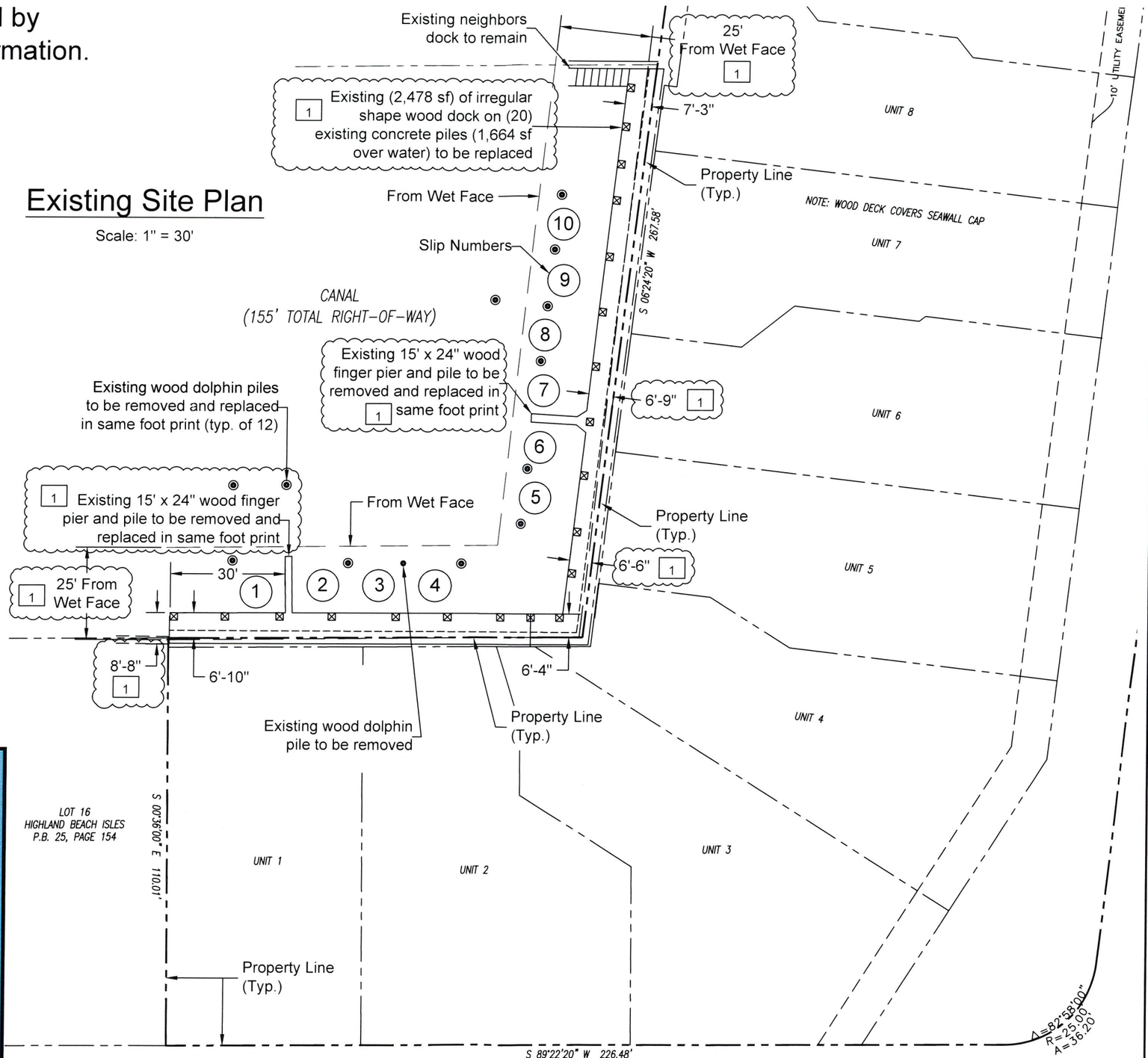
SCALE	1" = 20'
DRAWN BY	A.M.D.
DATE	12/07/2024
JOB NO:	18424
F.B./PG.	CARLSON
FILE	
SHEET NO.	1 OF 1

See attached survey supplied by owner for exact property information.

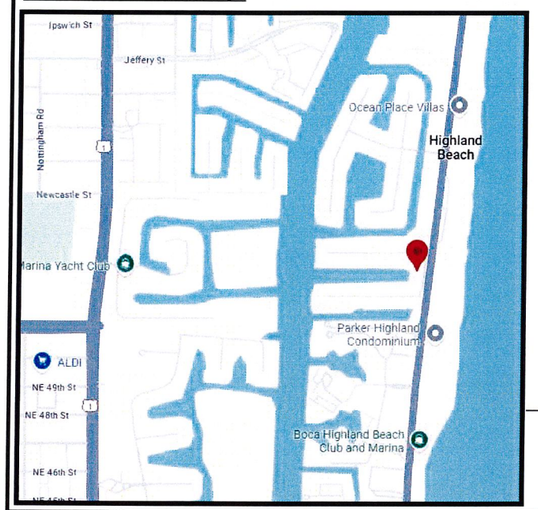
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△ REVISIONS		□ CORRECTIONS

Existing Site Plan

Scale: 1" = 30'



Location Map



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Coconut Creek, FL 33073

Contractor
SEA-TECH CONSTRUCTION INC
1649 SW 1st Way #5
Deerfield Beach, FL 33441
(954) 480-2607

Project Information
New Dock / New Finger Pier
Camino Cove HOA
4500 South Ocean Blvd.
Highland Beach, FL 33487

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5-28-26	
9-04-26	

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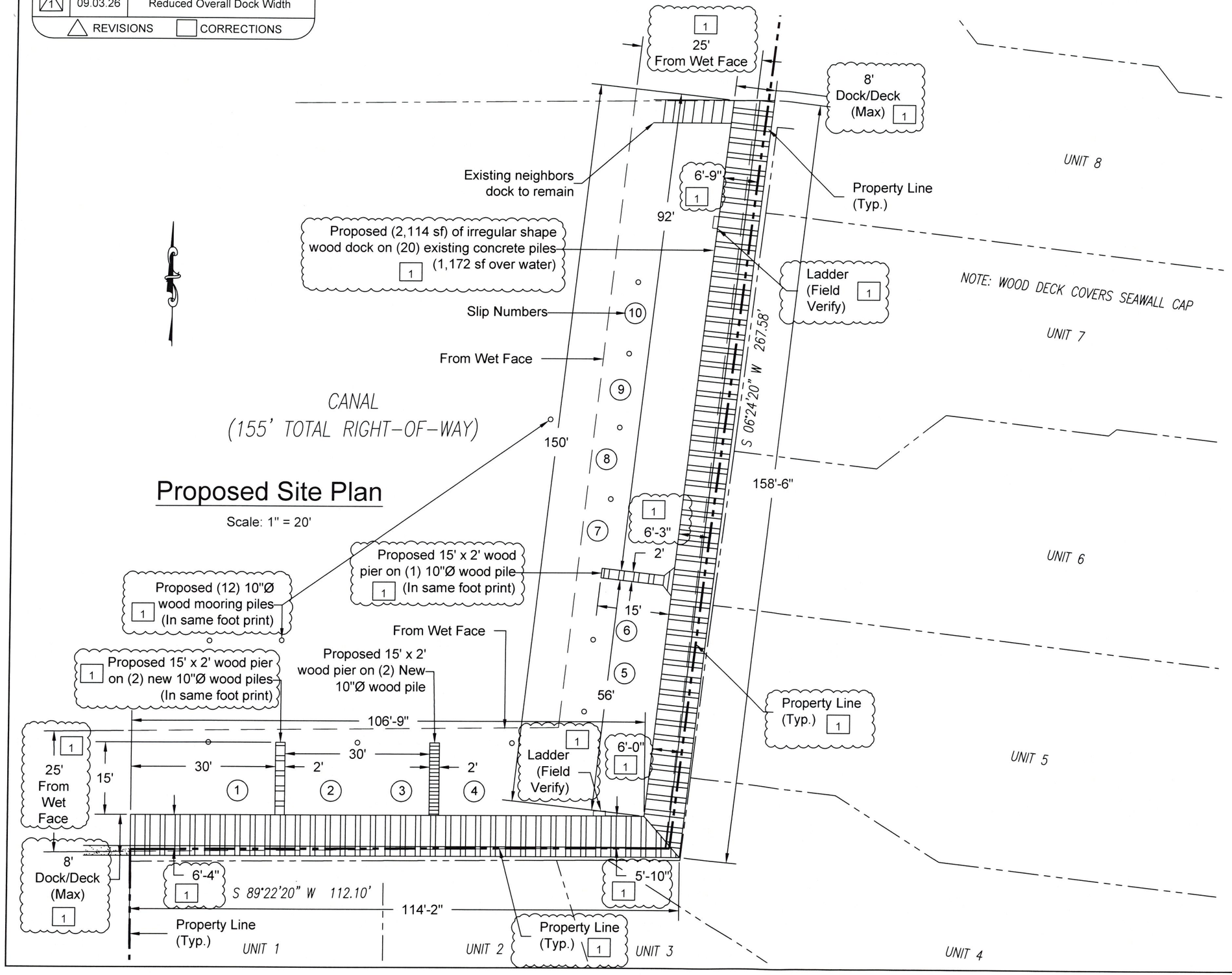
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Sheet 1 of 7

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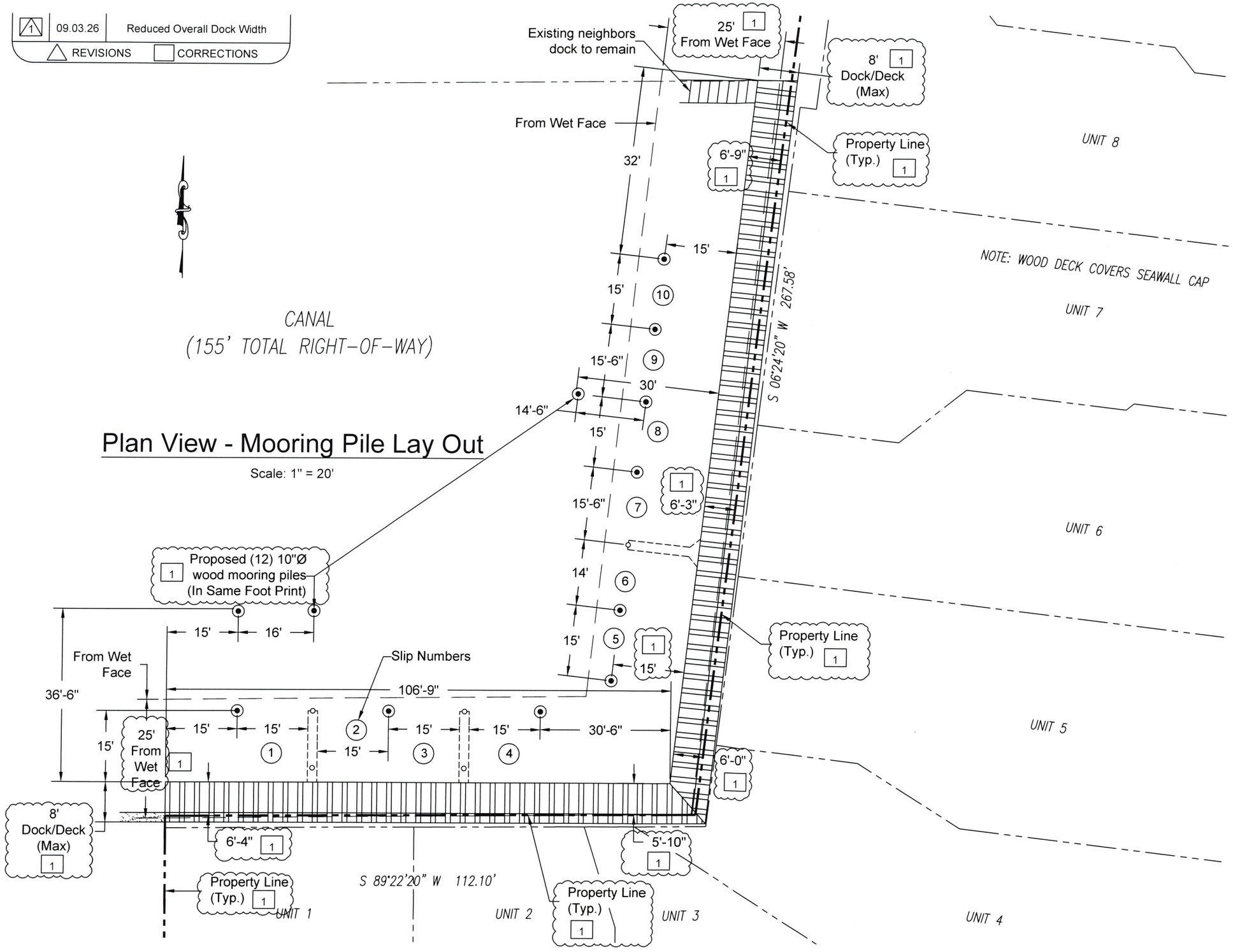
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Plan View - Mooring Pile Lay Out

Scale: 1" = 20'

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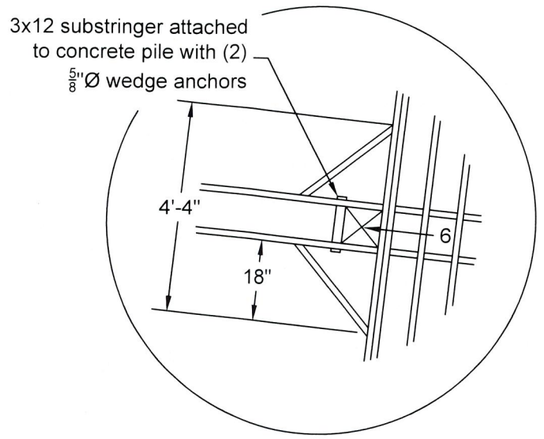
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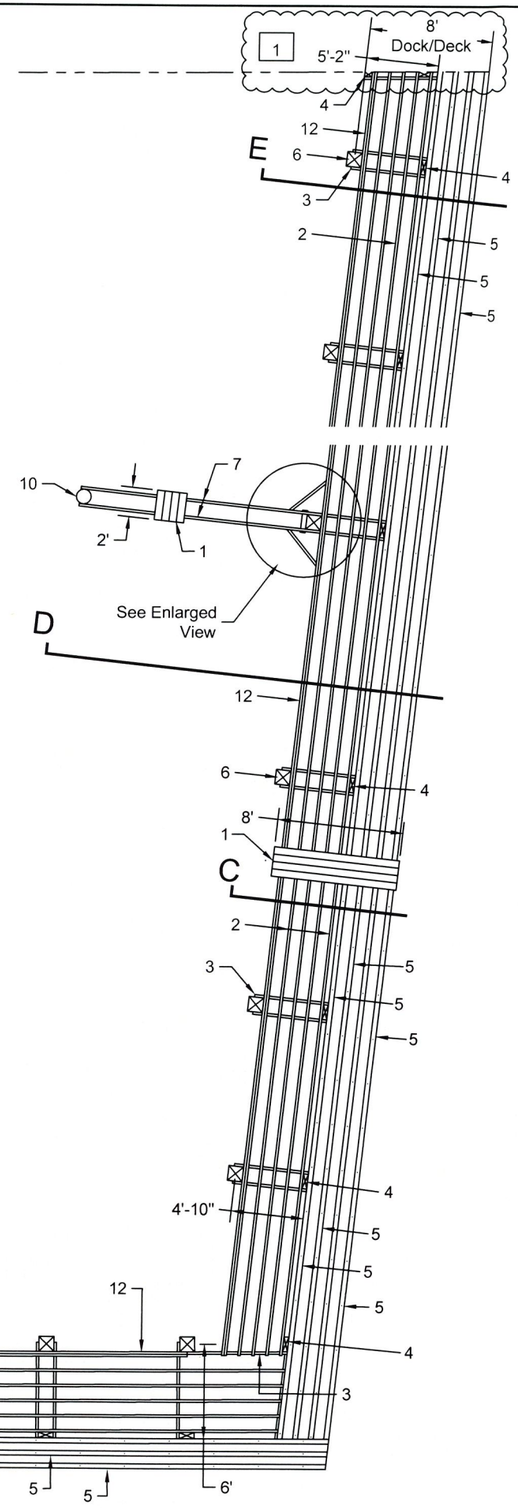
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Coconut Creek, FL 33073

1. 1x6 Composite Decking with #7x2 $\frac{1}{2}$" trim head deck screws per stringer
2. 2x12 stringers @ 12" max. spacing with (2) 16d 3" ring shank nails into substringers
3. 3x12 substringers with (1) $\frac{7}{8}$"Ø tru-bolt wedge anchor @ piles and (2) 1"Ø thru bolts into drop hangers
4. 4x12 drop hanger with (4) $\frac{3}{4}$"Ø wedge anchors into existing seawall cap, min. 4" embedment
5. 2x4 sleeper with $\frac{1}{4}$"Ø x 3" tapcons @ 36" o.c. into existing seawall cap
6. Existing 12x12 concrete dock piles to remain
7. Single 2x12 stringer with (1) 1"Ø thru bolt into wood piles with (2) 16d 3" ring shank nails into substringer
8. 3x12 substringer attached to 3x10 hanger with (2) $\frac{5}{8}$"Ø lag bolts
9. 3x10 hanger attached to stringer with (2) $\frac{5}{8}$"Ø thru bolts
10. New 10"Ø wood pier pile
11. 1x6 Trim Board
12. Double 2x12 stringer



Enlarged View

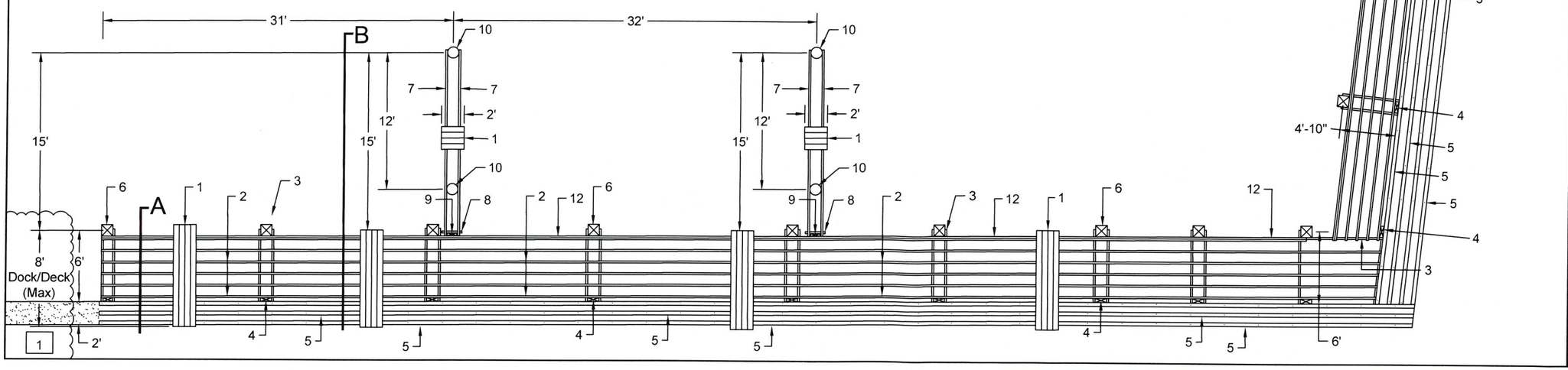
Note: Each wood pile will have 5' of UV Polymer wrap to 1' above M.H.W.



Framing Plan

Scale: 1" = 10'

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△ REVISIONS	□ CORRECTIONS	



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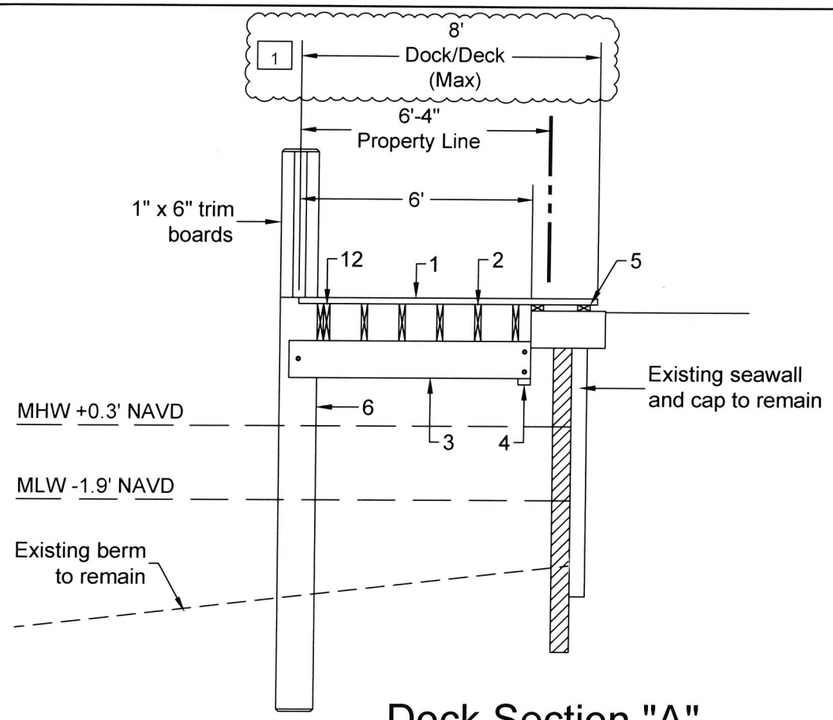
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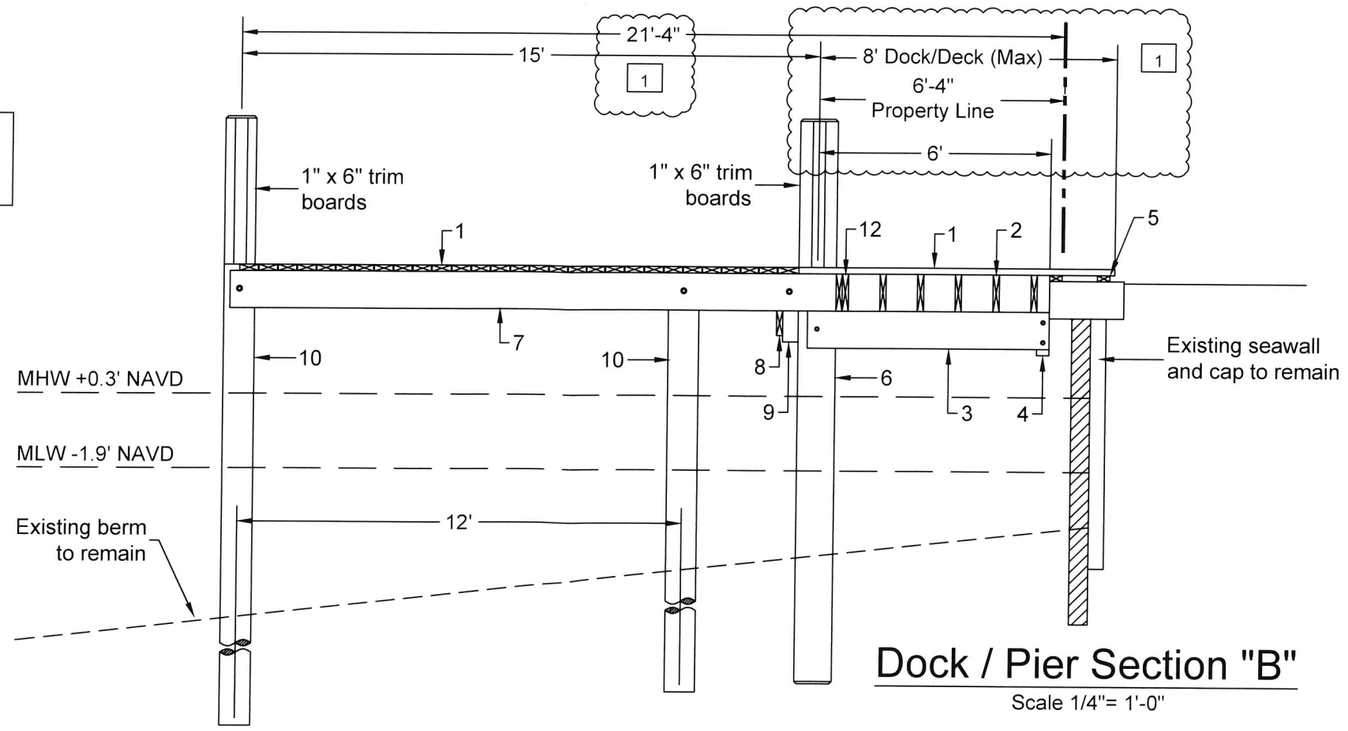


Dock Section "A"

Scale 1/4"= 1'-0"

1. 1x6 Composite Decking with #7x2 $\frac{1}{2}$" trim head deck screws per stringer
2. 2x12 stringers @ 12" max. spacing with (2) 16d 3" ring shank nails into substringers
3. 3x12 substringers with (1) $\frac{7}{8}$"Ø tru-bolt wedge anchor @ piles and (2) 1"Ø thru bolts into drop hangers
4. 4x12 drop hanger with (4) $\frac{3}{4}$"Ø wedge anchors into existing seawall cap, min. 4" embedment
5. 2x4 sleeper with $\frac{1}{4}$"Ø x 3" tapcons @ 36" o.c. into existing seawall cap
6. Existing 12x12 concrete dock piles to remain
7. Single 2x12 stringer with (1) 1"Ø thru bolt into wood piles with (2) 16d 3" ring shank nails into substringer
8. 3x12 substringer attached to 3x10 hanger with (2) $\frac{5}{8}$"Ø lag bolts
9. 3x10 hanger attached to stringer with (2) $\frac{5}{8}$"Ø thru bolts
10. New 10"Ø wood pier pile
11. 1x6 Trim Board
12. Double 2x12 stringer

Note: Each wood pile will have 5' of UV Polymer wrap to 1' above M.H.W.



Dock / Pier Section "B"

Scale 1/4"= 1'-0"

1	09.03.26	Reduced Overall Dock Width

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Contractor
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(954) 480-2607

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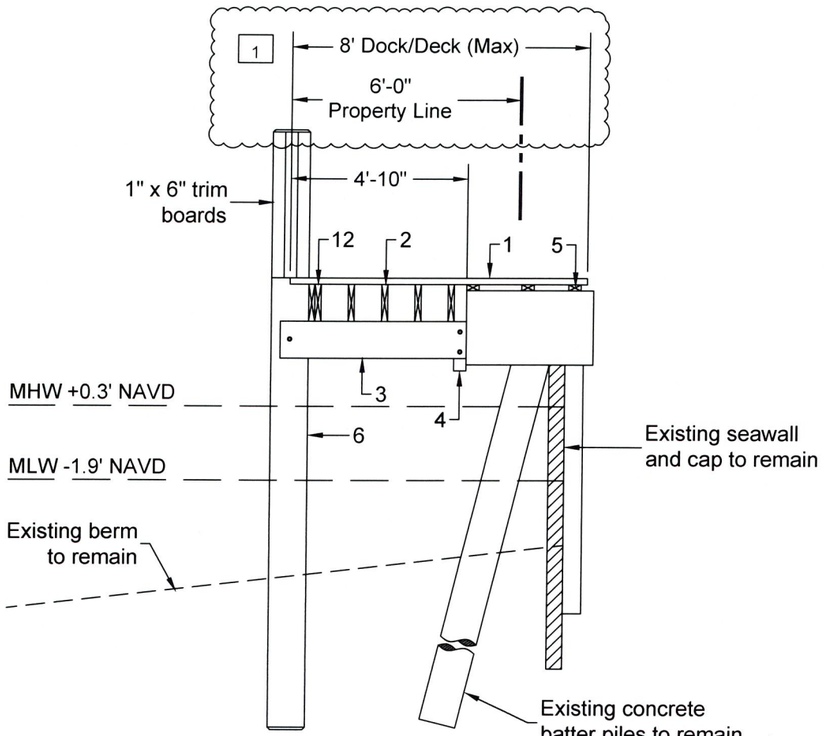
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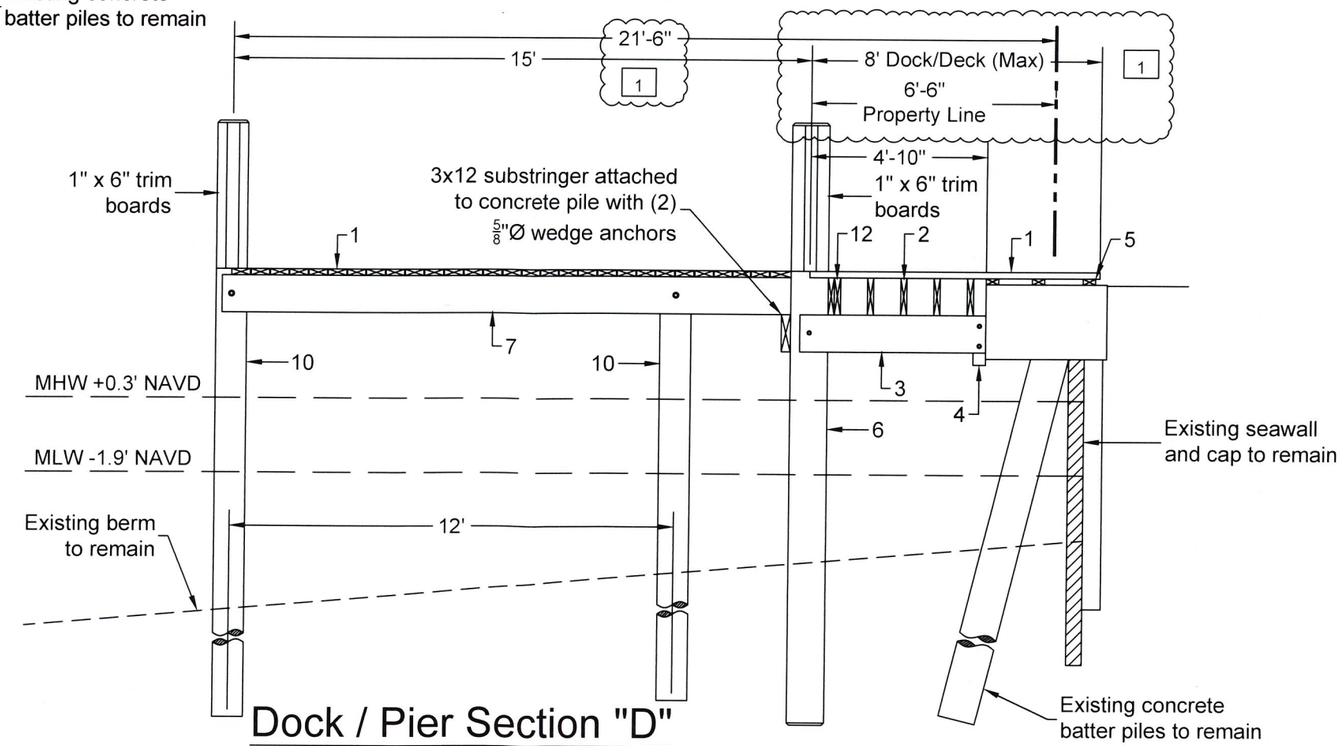


Dock Section "C"

Scale 1/4"= 1'-0"

Note: Each wood pile will have 5' of UV Polymer wrap to 1' above M.H.W.

1. 1x6 Composite Decking with #7x2 $\frac{1}{2}$" trim head deck screws per stringer
2. 2x12 stringers @ 12" max. spacing with (2) 16d 3" ring shank nails into substringers
3. 3x12 substringers with (1) $\frac{7}{8}$"Ø tru-bolt wedge anchor @ piles and (2) 1"Ø thru bolts into drop hangers
4. 4x12 drop hanger with (4) $\frac{3}{4}$"Ø wedge anchors into existing seawall cap, min. 4" embedment
5. 2x4 sleeper with $\frac{1}{4}$"Ø x 3" tapcons @ 36" o.c. into existing seawall cap
6. Existing 12x12 concrete dock piles to remain
7. Single 2x12 stringer with (1) 1"Ø thru bolt into wood piles with (2) 16d 3" ring shank nails into substringer
8. 3x12 substringer attached to 3x10 hanger with (2) $\frac{5}{8}$"Ø lag bolts
9. 3x10 hanger attached to stringer with (2) $\frac{5}{8}$"Ø thru bolts
10. New 10"Ø wood pier pile
11. 1x6 Trim Board
12. Double 2x12 stringer



Dock / Pier Section "D"

Scale 1/4"= 1'-0"

1	09.03.26	Reduced Overall Dock Width

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LICENSE #42564

ALAN W. GARCIA, P.E.
4202 NW 54 Street
Coconut Creek, FL 33073

GENERAL NOTES:

1. Construction to follow the Florida Building Code 8th Edition (2023) and amendments as applicable and all Local, State and Federal Laws.
2. Licensed contractor shall verify the existing conditions prior to the commencement of the work. Any conflicts or omissions between existing conditions or the various elements of the working drawing shall be brought to the attention of the Engineer prior to the commencement of the work. The Licensed Contractor and all subcontractors are responsible for all lines, elevations, and measurements in connection with their work.
3. Do not scale drawings for dimensions.
4. Any deviation and/or substitution from the information provided herein shall be submitted to the Engineer for approval prior to commencement of work.
5. All unanticipated or unforeseen demolition and/or new construction conditions which require deviation from the plans and notes herein shall be reported to the Engineer prior to commencement of work.
6. All new work and/or materials shall conform to all requirements of each administrative body having jurisdiction in each appertaining circumstance.
7. All new materials and/or patchwork shall be provided to match existing materials and/or adjoining work where practical except as specifically noted herein.
8. Licensed Contractor to shall use all possible care to protect all existing materials, surfaces, and furnishings from damage during all phases of construction.
9. Licensed Contractor to verify location of existing utilities prior to commencing work.
10. The Licensed contractor to install and remove all shoring and bracing as required for the proper execution of the work.
11. Licensed Contractor to obtain all permits as necessary from all Local, State, and Federal agencies.
12. Turbidity barriers to be marked with site contractor's company name using permanent markings no smaller than 3 inches in height on the top of the barrier.

PILE DRIVING:

1. Piles shall be driven using an approved cushion block consisting of material so arranged so as to provide the transmission of hammer energy.
2. Piles shall be driven to a minimum allowable bearing capacity of 10 tons for wood, 25 tons for concrete, and 5 tons for pin piles, a minimum of 8' into berm or refusal.
3. Piles shall be driven with a drop hammer or gravity hammer provided the hammer shall weight no less than 3,000 pounds, and the fall of the hammer shall not exceed 6'.
4. Piles shall be driven with a variation of not more than $\frac{1}{4}$ inch per foot from the vertical, or from the batter line indicated, with a maximum variation of the head of the pile from the position shown on the plans of not more than three inches.
5. Where piling must penetrate strata offering high resistance to driving, the structural engineer of record or special inspector may require that the piles be set in pre-drilled or punched holes. The piles shall reach their final penetration by driving.

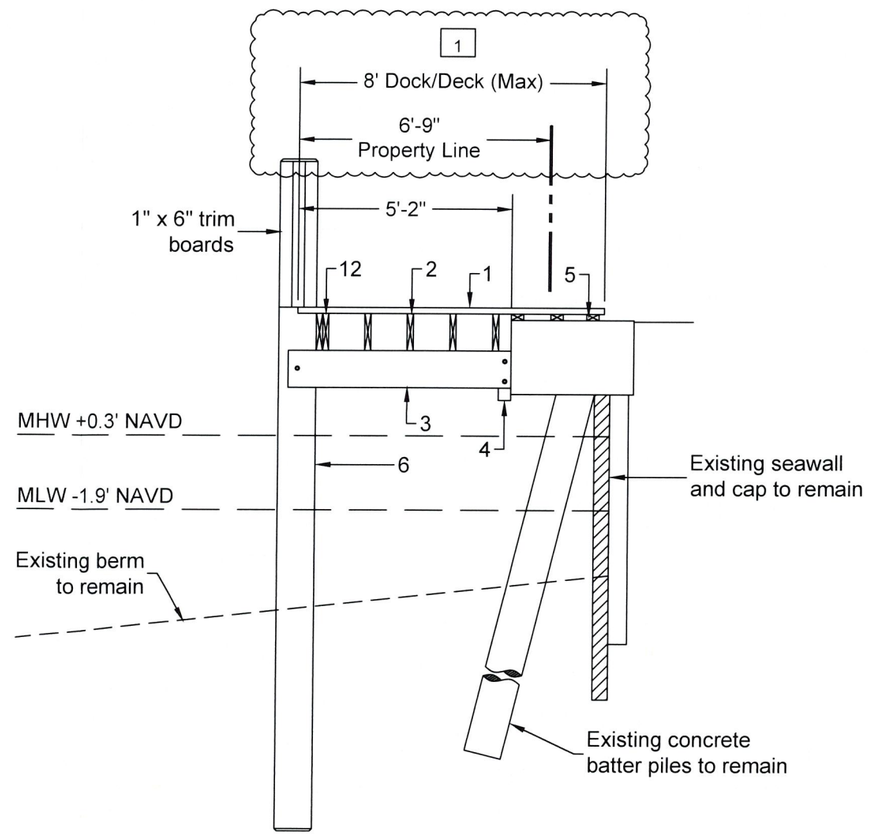
1	09.03.26	Reduced Overall Dock Width
△ REVISIONS		□ CORRECTIONS

PILE NOTES:

1. Wood piles to be 2.5 lb. ACQ treated in accordance with the Florida Building Code.
2. Wood piles shall be a minimum diameter of 10", Miami Dade County requires minimum diameter of 12".

WOOD DOCK NOTES:

1. All materials to be pressure treated pine unless otherwise noted.
2. All frame work materials to be Southern Pine Grade #1
3. All Decking materials to be grade #1 unless otherwise noted.
4. All hardware to be Stainless Steel or Galvanized unless otherwise noted.



Dock Section "E"

Scale 1/4"= 1'-0"

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