

**PLAN SET ISSUED FOR
BIDDING PURPOSES 6.25.25**

COVER



SEA
DIVERSIFIED



MAYOR AT LARGE
VICE MAYOR, DISTRICT 3
COMMISSIONER, DISTRICT 1
COMMISSIONER, DISTRICT 2
COMMISSIONER, DISTRICT 4
COMMISSIONER, DISTRICT 5

SHEET NO.	SHEET TITLE
C-1	COVER SHEET
A-1	AERIAL
A-2	AERIAL PROJECT OVERLAY
B-1	BATHYMETRY
P-1	SITE PLAN
P-2	PLAN DETAIL SOUTH
P-3	PLAN DETAIL NORTH
BH-1	BULKHEAD PLAN SOUTH
BH-2	BULKHEAD PLAN NORTH
D-1	MARGINAL DOCK & PIER PILE LAYOUT
D-2	MARGINAL DOCK & PIER ALUMINUM FRAME LAYOUT
S-1	TYPICAL SECTION DETAILS
S-2	TYPICAL SECTION DETAILS
S-3	TYPICAL SECTION DETAILS
S-4	TYPICAL SECTION & BULKHEAD CAP DETAILS
S-5	TYPICAL DOCK & PIER DETAILS
M-1	STANDARD DETAILS
M-2	CITY STANDARD DETAILS
U-1	LIGHTING, WATER & FIRE
L-1	LANDSCAPE PLAN
N-1	NOTES & SPECIFICATIONS
E-1	ELECTRICAL UPGRADES PLAN (RONALD L. LEVINSON, P.E.)
E-2	ELECTRICAL UPGRADES PLAN (RONALD L. LEVINSON, P.E.)

C-1



**PLAN SET ISSUED FOR
BIDDING PURPOSES 6.25.25**

REVISIONS:	
NO.	DATE: DESCRIPTION:
PROJECT: HILLSBORO INLET PARK BULKHEAD PROMENADE & DOCK IMPROVEMENTS <small>POMPANO BEACH, BROWARD COUNTY, FLORIDA</small>	
SHEET TITLE: AERIAL	
PREPARED FOR:  pompano beach Florida's Warmest Welcome <small>CITY OF POMPA NO BEACH 1000 S. FEDERAL AVENUE, SUITE 100 POMPANO BEACH, FLORIDA 33069</small>	
CERTIFICATION: William T. Seidler, Jr., P.E. Professional Engineer For the Firm Sea Diversified, Inc. C.A. License Number 28537	
PREPARED BY: SEA DIVERSIFIED, INC. Tel: (561) 243-4920 Fax: (561) 243-4957	160 Congress Park Drive, #114 Deerfield Beach, Florida 33445 www.seadiversified.com
	
DATE: JUNE 2025	CADD ID:
DRAWN BY: W.T.S.	TOTAL NUMBER OF SHEETS:
CHECKED BY: W.T.S.	
SCALE: 1"=100'	
SHEET: A-1	
SDI P.N.: 24-3350	

PLANS ARE NOT VALID WITHOUT THE SIGNATURE AND RAISED SEAL OF A LICENSED ENGINEER REGISTERED IN THE STATE OF FLORIDA.

HILLSBORO MILE (A1A)

HILLSBORO INLET PARK

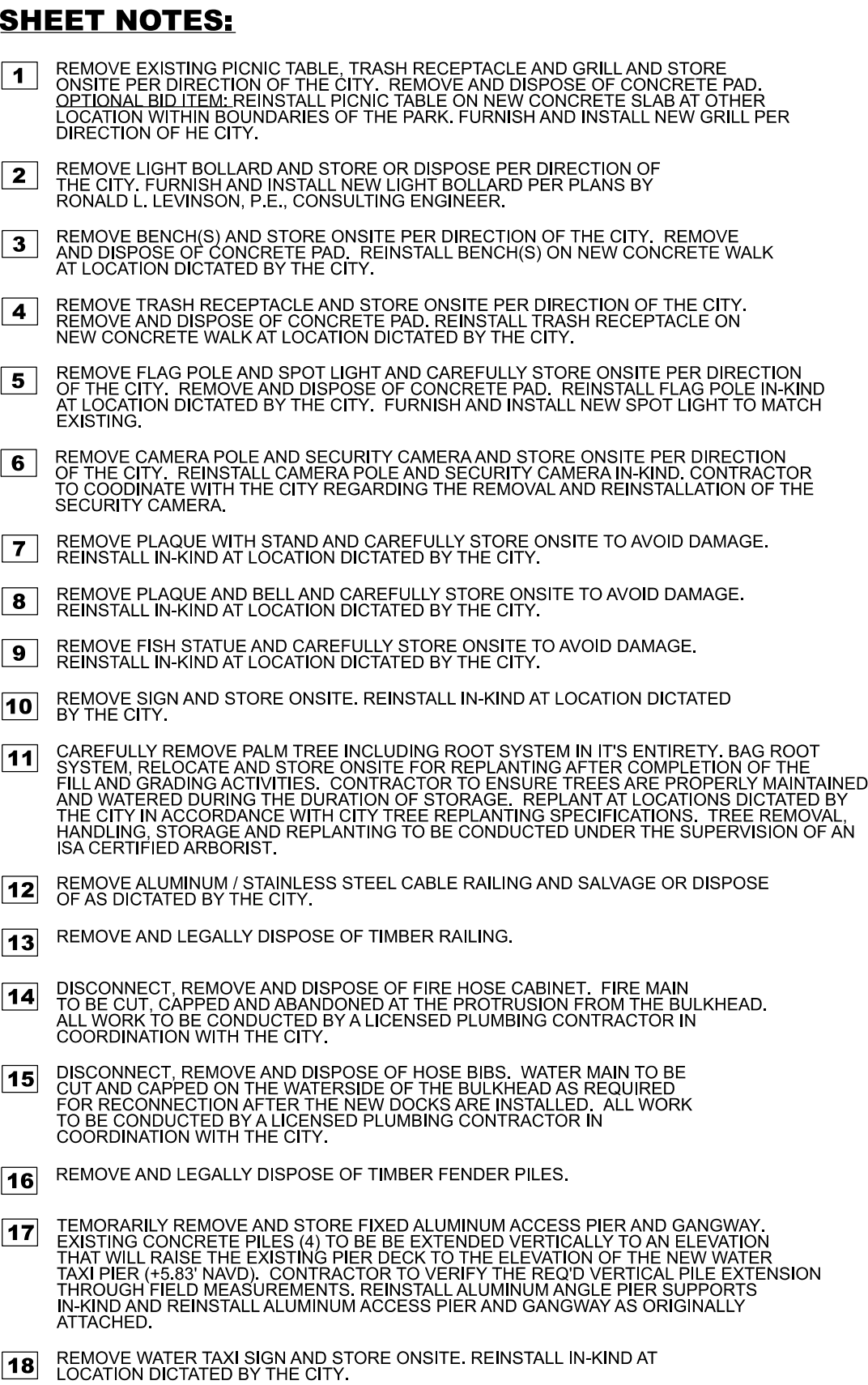
BAY DRIVE

ARTIFICIAL REEF AREA SNORKLING LAGOON

Wahoo Bay

Key Features and Callouts:

- EXISTING BULKHEAD TO REMAIN**: RECONSTRUCT CAP AS PER SHEETS BH-1 AND BH-2
- EXISTING DECORATIVE "STAR" PAVEMENT**: BRICK PATIO TO BE REMOVED. EXISTING PAVEMENT BRICKS TO BE CAREFULLY STORED FOR POSSIBLE REUSE BY THE CITY. CENTER PLAQUE WITH BASE TO BE CAREFULLY REMOVED AND STORED PER DIRECTION OF THE CITY
- EXISTING MARGINAL DOCK**: REMOVE TIMBER DECKING, TIMBER FRAMING AND ALL CONCRETE PILES AND PROPERLY DISPOSE OF OFF-SITE. REPLACE WITH NEW 6" WIDE ALUMINUM FRAME PIER @ DECK ELEVATION OF +5.83' NAVD
- EXISTING FINGER PIER**: REMOVE TIMBER DECKING, TIMBER FRAMING AND ALL CONCRETE PILES AND LEGALLY DISPOSE OF OFF-SITE. REPLACE WITH NEW 6" WIDE ALUMINUM FRAME PIER @ DECK ELEVATION OF +5.83' NAVD
- EXISTING FINGER PIER**: REMOVE TIMBER DECKING, TIMBER FRAMING AND ALL CONCRETE PILES AND LEGALLY DISPOSE OF OFF-SITE. REPLACE WITH NEW 6" WIDE ALUMINUM FRAME PIER @ DECK ELEVATION OF +5.83' NAVD
- EXISTING MAIN AND TERMINAL PIER**: REMOVE TIMBER FRAMING AND ALL CONCRETE PILES AND LEGALLY DISPOSE OF OFF-SITE. REPLACE WITH NEW ALUMINUM FRAME PIER @ DECK ELEVATION OF +5.83' NAVD
- EXISTING PICNIC TABLE SLAB**: TO BE REMOVED
- EXISTING FLOATING PLATFORM**: FOR SNORKELER ACCESS TO LAGOON TO REMAIN
- PRECAST CONCRETE WAVE BREAK**: WALL TO REMAIN
- ARTIFICIAL REEF MARKER BUOY**
- MANGROVE PLANTER (SEAHIVES)**: LOCATED BY OTHERS
- DRY STORMWATER RETENTION AREA**: TO REMAIN
- WATER TAXI**
- LIMITS OF CONSTRUCTION**



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pompano beach
Florida's Warmest Welcome

CITY OF POMPAÑO BEACH
1700 N. W. 11th Avenue
POMPAÑO BEACH, FLORIDA 33060



CONCRETE WALK AND BULKHEAD
ALONG INLET SIDE OF PARK



EXISTING TIMBER FISHING PIER TO
BE REMOVED



VIEW EASTERLY ALONG INLET SIDE
OF PARK



CONCRETE WALKWAY AND BULKHEAD
ALONG BAY SIDE OF PARK



BULKHEAD AND WATER ALONG
BAY SIDE OF PARK



ENTRANCE TO PIER AND
WATER TAXI SIGNAGE



VIEW NORTHWESTERLY AT TIMBER PIER TO BE
REMOVED AND RECONSTRUCTED (WATER TAXI DOCK)



VIEW NORTHERLY ALONG LANDWARD SIDE
OF BAYSIDE WALKWAY



PAVER BRICK PATIO / SITTING AREA AT ENTRANCE TO
PIER TO BE REMOVED RECONSTRUCT IN-KIND AFTER
FILLING AND GRADING



PICNIC BENCH AND GRILL TO BE REMOVED - REINSTALL
WITH NEW CONCRETE PAD PER CITY DIRECTION



PARK BENCHES AND BOLLARDS TO BE
REMOVED TO FACILITATE GRADING



TYPICAL LIGHT BOLLARD TO BE REMOVED



FLAG POLE AND BASE TO BE REMOVED AND
REINSTALLED AFTER GRADING



SIGNAGE AND SECURITY CAMERAS TO BE REMOVED
AND REINSTALLED AFTER FILLING AND GRADING



ANCHOR STATUE TO BE MODIFIED
BASED ON FINAL GRADES



BELL STATUE TO BE REMOVED AND REINSTALLED
AFTER FILLING AND GRADING




FISH STATUE TO BE REMOVED AND REINSTALLED
AFTER FILLING AND GRADING



DRY RETENTION AREA ALONG INLET SIDE
OF PARK


PROJECT:
**HILLSBORO INLET PARK
BULKHEAD PROMENADE
& DOCK IMPROVEMENTS**
POMPANO BEACH, BROWARD COUNTY, FLORIDA

SHEET TITLE:
**EXISTING SITE
PHOTOS**

PREPARED FOR:

pompano beach
Florida's Warmest Beach
CITY OF POMPAÑO BEACH
POMPAÑO BEACH, FLORIDA 33069

CERTIFICATION:
William T. Seidler, Jr., P.E.,
Professional Engineer
For the Firm Sea Diversified, Inc.
C.A. License Number 25857

PREPARED BY:
SEA DIVERSIFIED, INC.
Tel: (561) 243-4920
Fax: (561) 243-4957
160 Congress Park Drive, #114
Delray Beach, Florida 33445
www.seadiversified.com


SEA DIVERSIFIED

DATE: JUNE 2025

DRAWN BY: W.T.S.

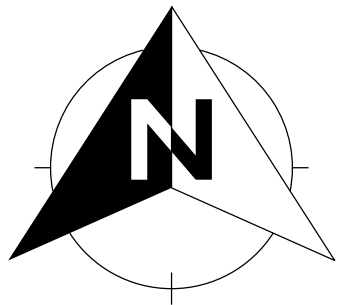
CHECKED BY: W.T.S.

SCALE: N.T.S.

SHEET:

EX-2

CADD ID:
TOTAL NUMBER OF SHEETS:
SDI P.N.: 24-3350














HILLSBORO INLET

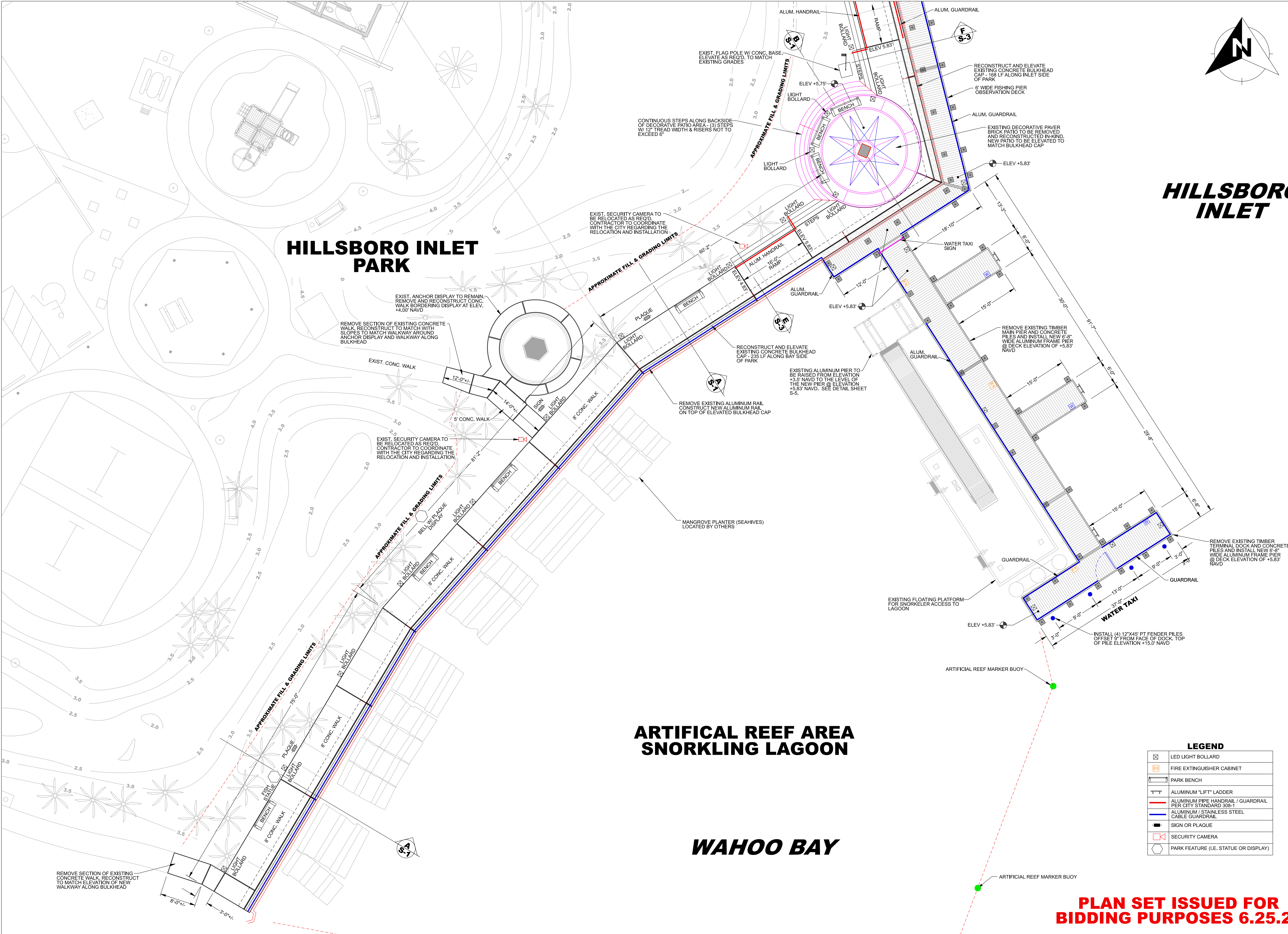
SHEET NOTES

- | | |
|---|--|
| 1 | APPROXIMATE LOCATION FOR SALVAGED FLAG POLE AND SPOT LIGHT. REINSTALL FLAG POLE AND BASE IN-KIND. FURNISH AND INSTALL NEW SPOT LIGHT TO MATCH EXISTING. |
| 2 | APPROXIMATE LOCATION FOR SALVAGED SECURITY CAMERA AND SUPPORT POLE. REINSTALL TO MATCH ORIGINAL. CONTRACTOR TO COORDINATE WITH CITY ON THE REMOVAL AND REINSTALLATION. |
| 3 | APPROXIMATE LOCATION FOR SALVAGED WATER TAXI SIGN. REINSTALL TO MATCH ORIGINAL. |
| 4 | APPROXIMATE LOCATION FOR SALVAGED PLAQUE. REINSTALL TO MATCH ORIGINAL. |
| 5 | APPROXIMATE LOCATION FOR SALVAGED FISH DISPLAY STATUE. REINSTALL TO MATCH ORIGINAL. |
| 6 | APPROXIMATE LOCATION FOR SALVAGED BELL WITH PLAQUE DISPLAY. REINSTALL TO MATCH ORIGINAL. |

LEGEND

	LED LIGHT BOLLARD
	FIRE EXTINGUISHER CABINET
	PARK BENCH
	ALUMINUM "LIFT" LADDER
	ALUMINUM PIPE HANDRAIL / GUARDRAIL PER CITY STANDARD 308-1
	ALUMINUM / STAINLESS STEEL CABLE GUARDRAIL
	SIGN OR PLAQUE
	SECURITY CAMERA
	PARK FEATURE (I.E. STATUE OR DISPLAY)

		SEA DIVERSIFIED, INC. Tel: (561) 243-4920 Fax: (561) 243-4957 160 Congress Park Drive, #114 Dunray Beach, Florida 33445 www.seadiversified.com		CERTIFICATION: William T. Sadler, Jr., P.E. Professional Engineer For the Firm Sea Diversified, Inc. C.A. License Number 25537	PREPARED FOR:  Florida's Warmest Welcome CITY OF POMPAÑO BEACH Planning and Development Department POMPAÑO BEACH, FLORIDA 33069	PROJECT: HILLSBORO INLET PARK BULKHEAD PROMENADE & DOCK IMPROVEMENTS POMPAÑO BEACH, BROWARD COUNTY, FLORIDA		NO.: DATE: DESCRIPTION:	
						SHEET TITLE: SITE PLAN			
DATE: JUNE 2025		DRAWN BY: W.T.S.							
CHECKED BY: W.T.S.									
SCALE: 1"=60'									
SHEET:									
<div style="text-align: center;"> P-1 </div>									
CADD ID:									
TOTAL NUMBER OF SHEETS:									



HILLSBORO INLET

ARTIFICIAL REEF AREA
SNORKLING LAGOON

WAHOO BAY

LEGEND	
	LED LIGHT BOLLARD
	FIRE EXTINGUISHER CABINET
	PARK BENCH
	ALUMINUM "LIFT" LADDER
	ALUMINUM PIPE HANDRAIL / GUARDRAIL PER CITY STANDARD 308-1
	ALUMINUM / STAINLESS STEEL CABLE GUARDRAIL
	SIGN OR PLAQUE
	SECURITY CAMERA
	PARK FEATURE (I.E. STATUE OR DISPLAY)

PLAN SET ISSUED FOR
BIDDING PURPOSES 6.25.25

REVISIONS:

NO.	DATE	DESCRIPTION

PROJECT:

HILLSBORO INLET PARK
BULKHEAD PROMENADE
& DOCK IMPROVEMENTS

POMPAHO BEACH, BROWARD COUNTY, FLORIDA

SHEET TITLE:

PLAN DETAIL SOUTH

PREPARED FOR:

Florida's Warmest Welcome
CITY OF POMPAHO BEACH
POMPAHO BEACH, FLORIDA 33060

CERTIFICATION:

William T. Seidler, Jr., P.E.
Professional Engineer
For the Firm Sea Diversified, Inc.
C.A. License Number 25537

PREPARED BY:

SEA DIVERSIFIED, INC.
Tel: (561) 243-4920
Fax: (561) 243-4957
160 Congress Park Drive, #114
Deeray Beach, Florida 33445
www.seadiversified.com

DATE:

JUNE 2025

DRAWN BY:

W.T.S.

CHECKED BY:

W.T.S.

SCALE:

1"=10'

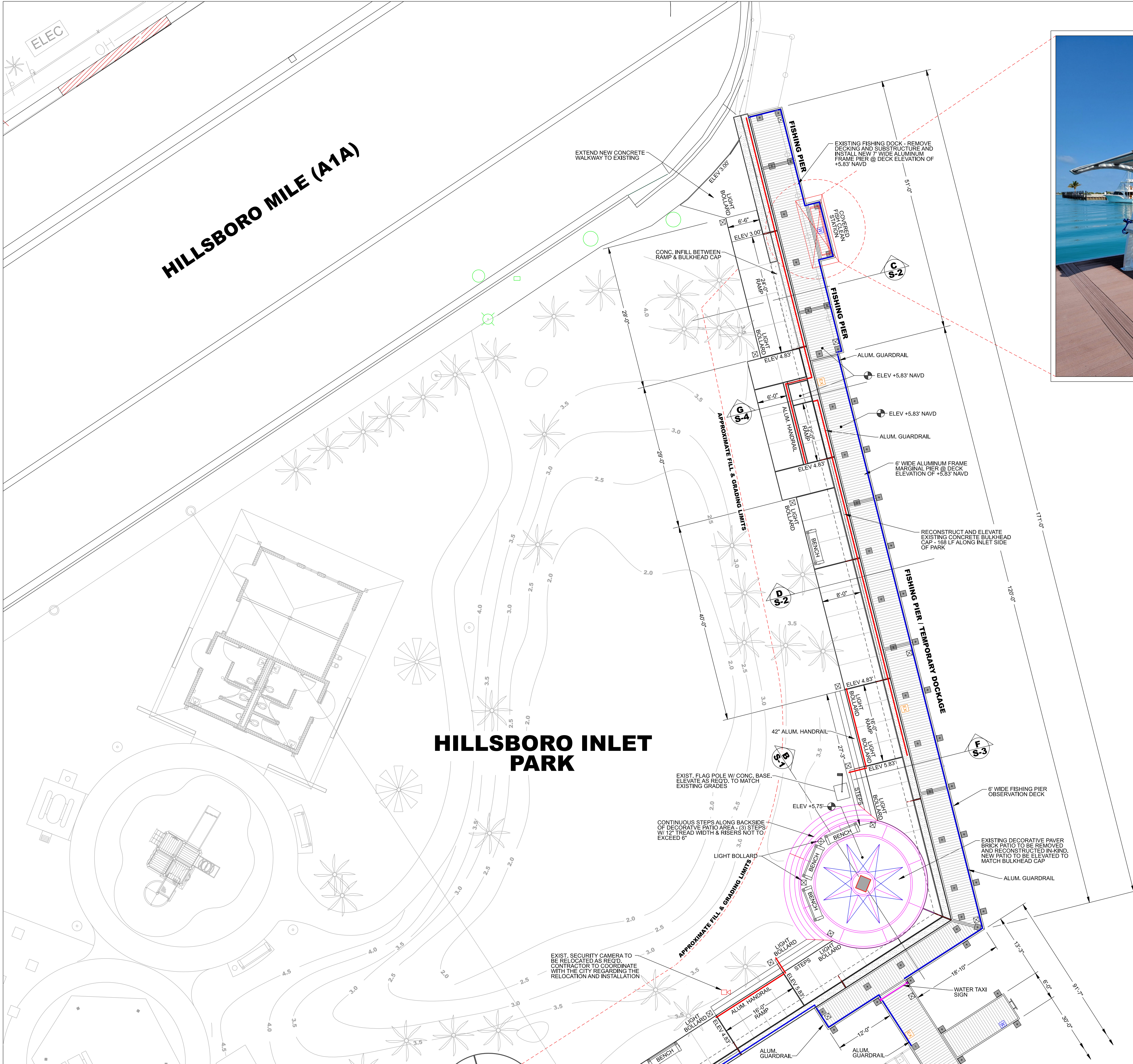
SHEET:

P-2

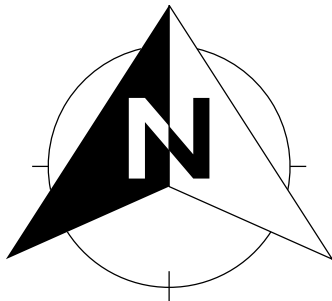
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TOTAL NUMBER OF SHEETS:

SDI P.N.: 24-3350



FISH CLEANING STATION



HILLSBORO INLET

HILLSBORO BAY

PLAN SET ISSUED FOR BIDDING PURPOSES 6.25.25

LEGEND	
	LED LIGHT BOLLARD
	FIRE EXTINGUISHER CABINET
	PARK BENCH
	ALUMINUM "LIFT" LADDER
	ALUMINUM PIPE HANDRAIL / GUARDRAIL PER CITY STANDARD 308-1
	ALUMINUM / STAINLESS STEEL CABLE GUARDRAIL
	SIGN OR PLAQUE
	SECURITY CAMERA
	PARK FEATURE (I.E. STATUE OR DISPLAY)

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REVISIONS:

NO.	DATE	DESCRIPTION

PROJECT:

HILLSBORO INLET PARK BULKHEAD PROMENADE & DOCK IMPROVEMENTS

POMPAHO BEACH, BROWARD COUNTY, FLORIDA

SHEET TITLE:

PLAN DETAIL NORTH

PREPARED FOR:

pompano beach

CITY OF POMPAHO BEACH
POMPAHO BEACH, FLORIDA 33069

CERTIFICATION:

William T. Seidler, Jr., P.E.
Professional Engineer
For the Firm Sea Diversified, Inc.
C.A. License Number 25857

PREPARED BY:

SEA DIVERSIFIED, INC.

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Deeray Beach, Florida 33445
www.seadiversified.com

DATE: JUNE 2025
DRAWN BY: W.T.S.
CHECKED BY: W.T.S.
SCALE: 1"=10'
SHEET:

P-3

CADD ID:
TOTAL NUMBER OF SHEETS:

SDI P.N.: 24-3350

REVISIONS:

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PROJECT: **HILLSBORO INLET PARK
BULKHEAD, PROMENADE
& DOCK IMPROVEMENTS**

PONPANOA BEACH, BROWARD COUNTY, FLORIDA

SHEET TITLE: **MARGINAL DOCK & PIER
PILE LAYOUT**



William T. Sadler, Jr., P.E.
Florida Registration No.: 41184
For the Firm Sea Diversified, Inc.
C.A. License Number 25937

PREPARED BY:

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Delray Beach, Florida 33445
www.seadiversified.com

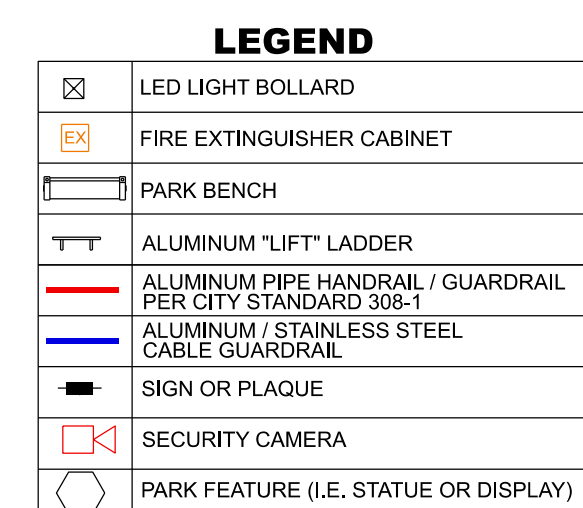


DATE:	JUNE 2025
DRAWN BY:	W.T.S.
CHECKED BY:	W.T.S.
SCALE:	1"=10'
SHEET:	

D-1

CADD ID:
TOTAL NUMBER OF SHEETS:

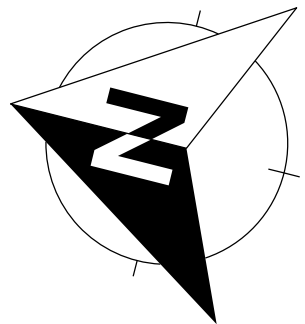
SDI P.N.: 24-3350



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SDI P.N.: 24-3350

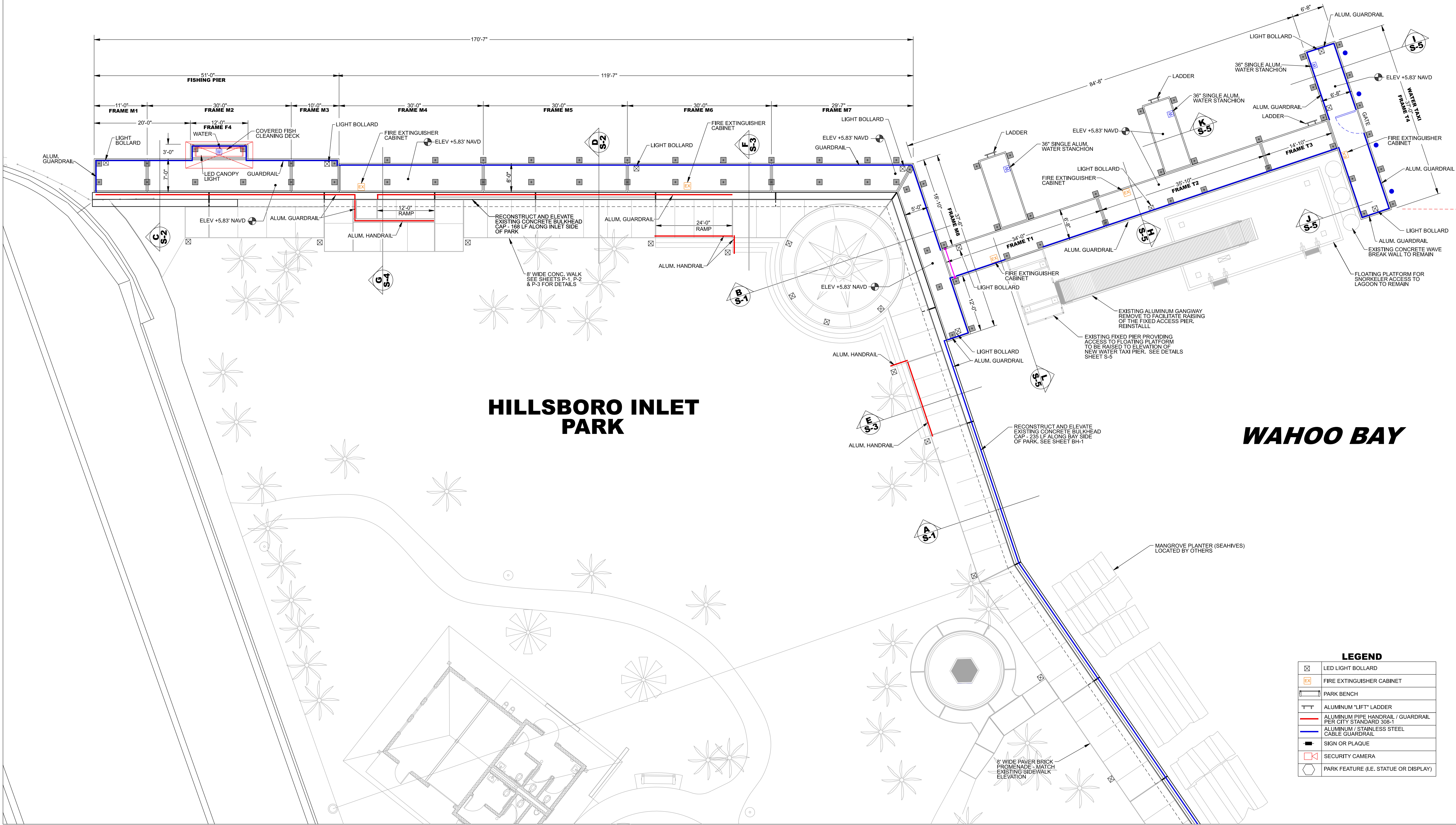
PLAN SET ISSUED FOR
BIDDING PURPOSES 6.25.25



HILLSBORO INLET

HILLSBORO INLET PARK

WAHOO BAY



REVISIONS:

NO. DATE DESCRIPTION

PROJECT:
**HILLSBORO INLET PARK
BULKHEAD PROMENADE
& DOCK IMPROVEMENTS**
POMPAHO BEACH, BROWARD COUNTY, FLORIDA

SHEET TITLE:
**MARGINAL DOCK & PIER
PILE LAYOUT**



PREPARED FOR:

CERTIFICATION:

PREPARED BY:
SEA DIVERSIFIED, INC.

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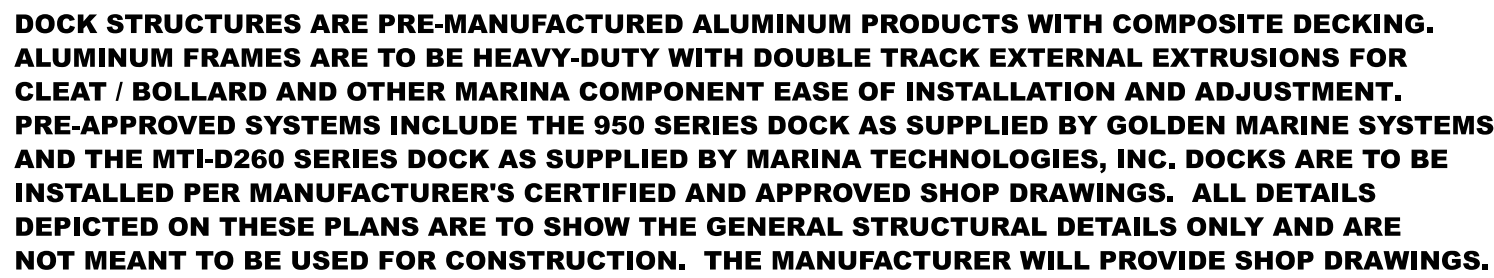
DATE: JUNE 2025
DRAWN BY: W.T.S.
CHECKED BY: W.T.S.
SCALE: 1"=10'
SHEET:

D-2

CADD ID:
TOTAL NUMBER OF SHEETS:

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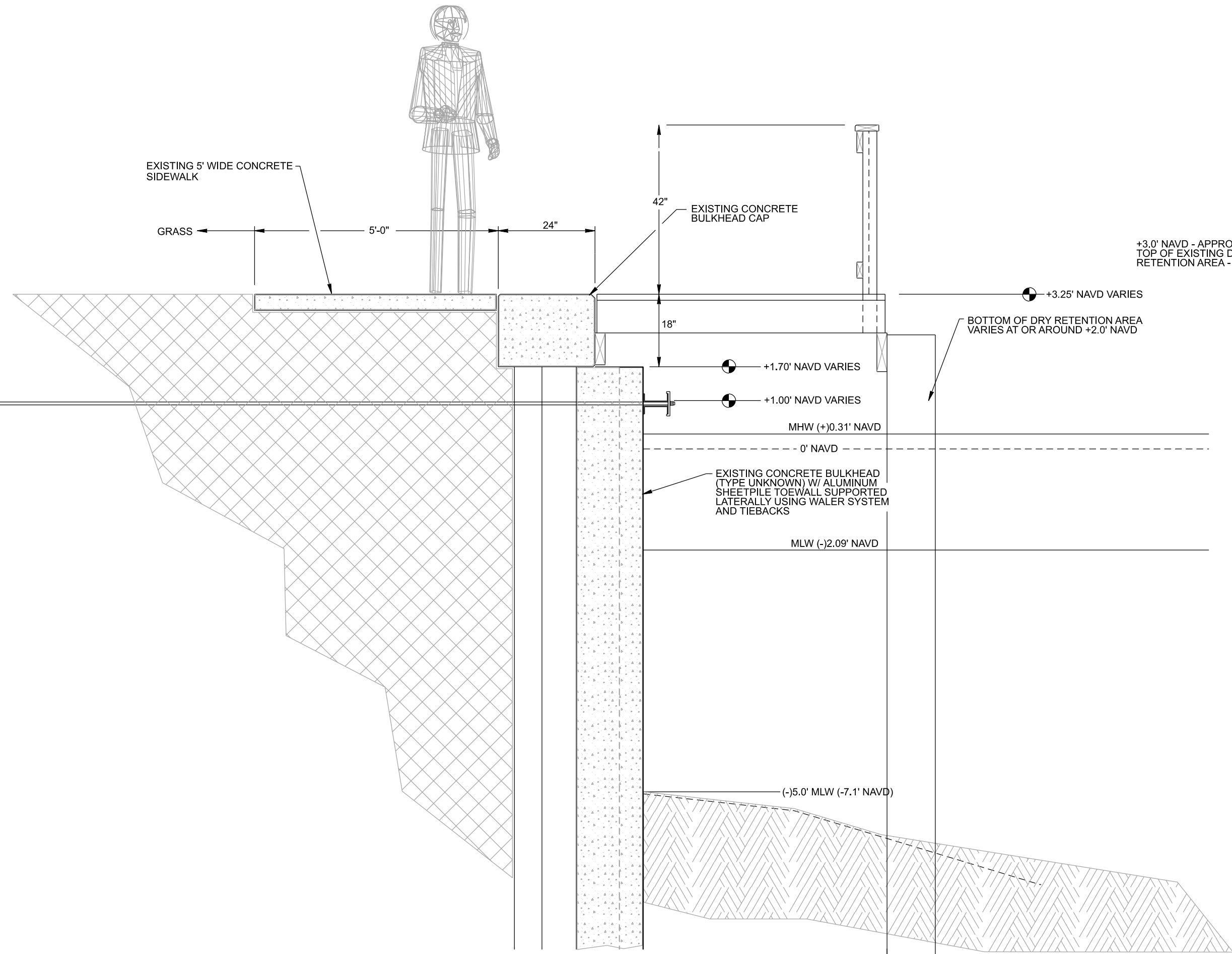
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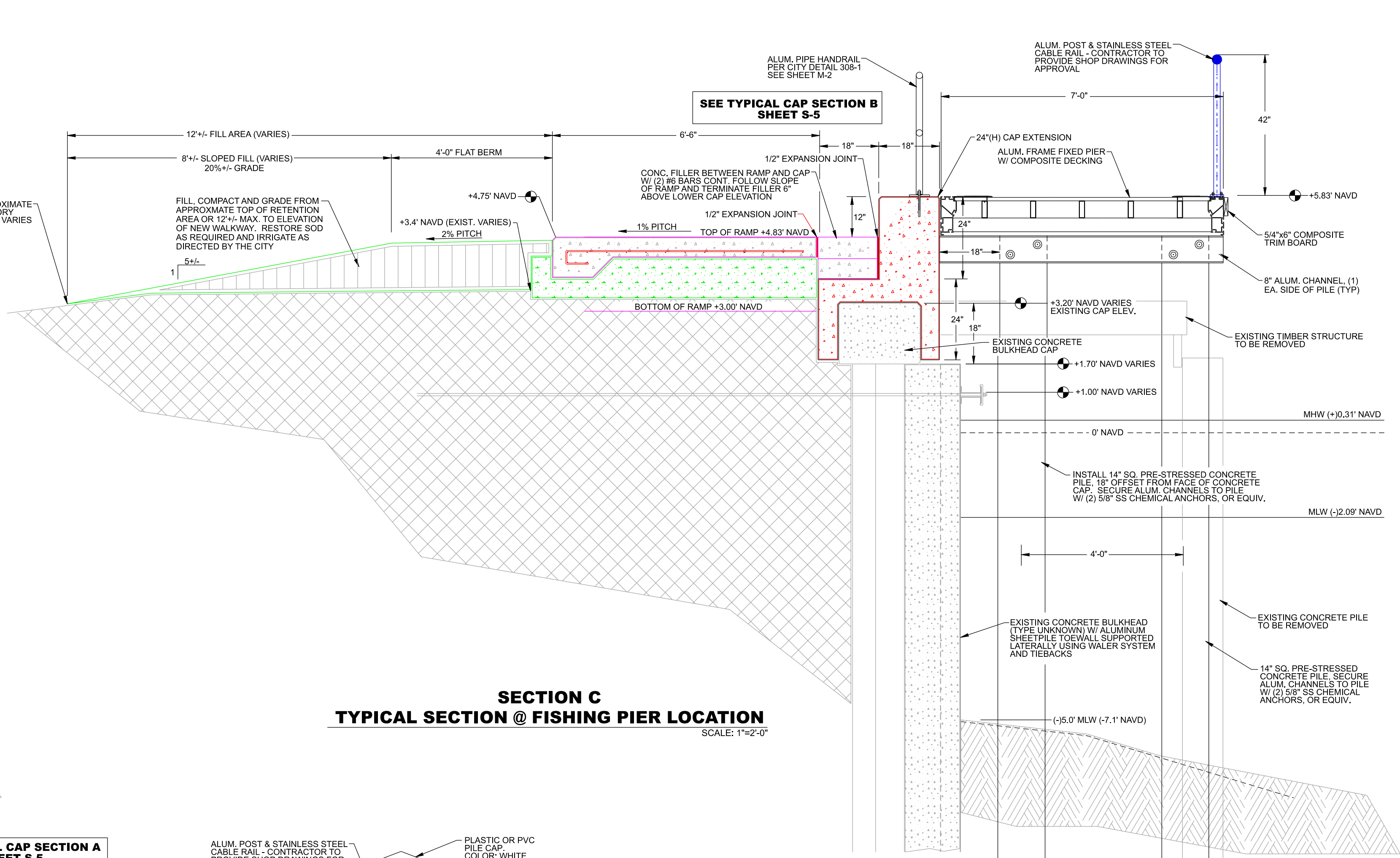
NOTE: ALL CONCRETE PILES TO BE FDOT TYPE, MARINE GRADE

**PLAN SET ISSUED FOR
BIDDING PURPOSES 6.25.25**

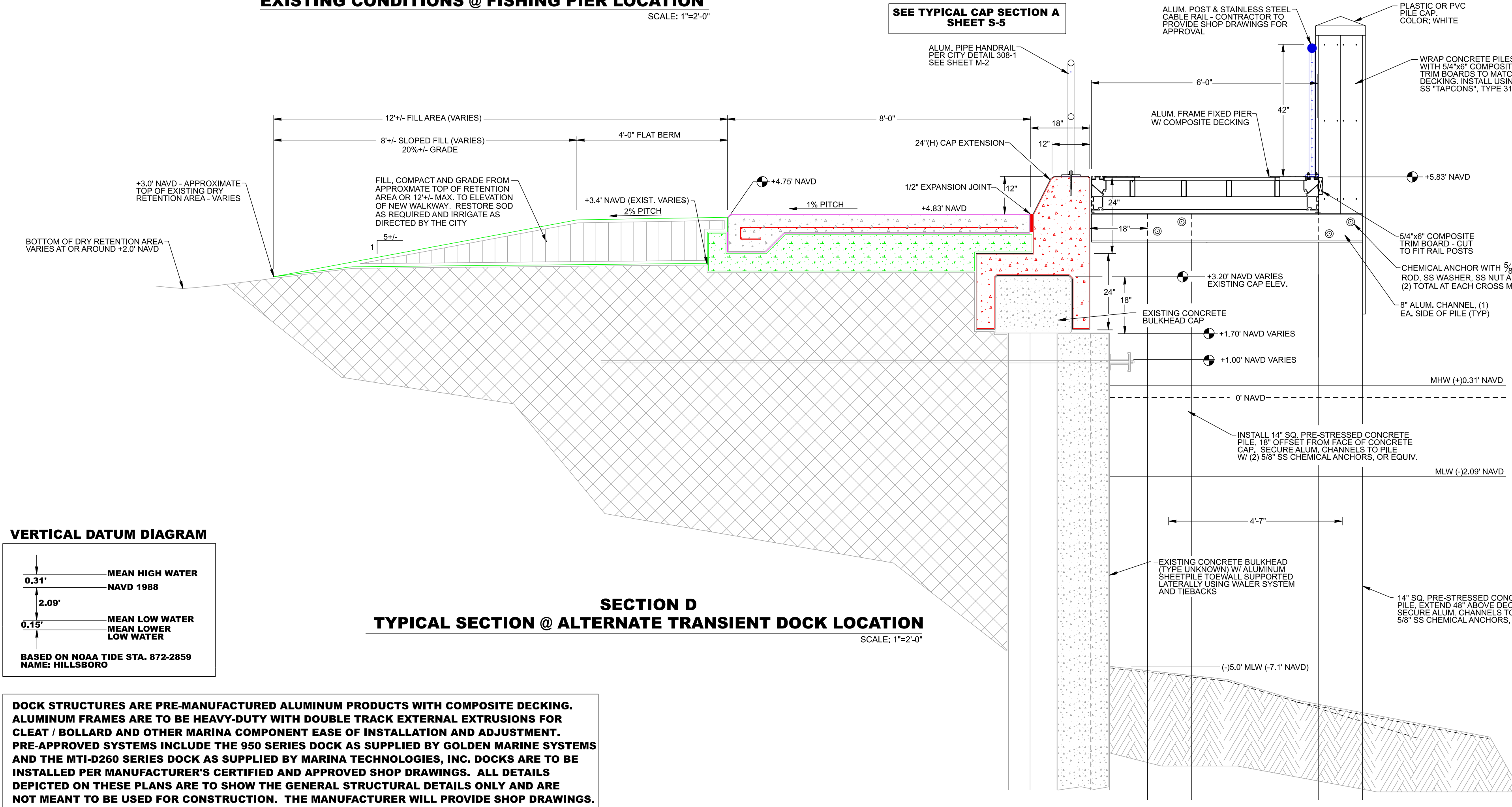
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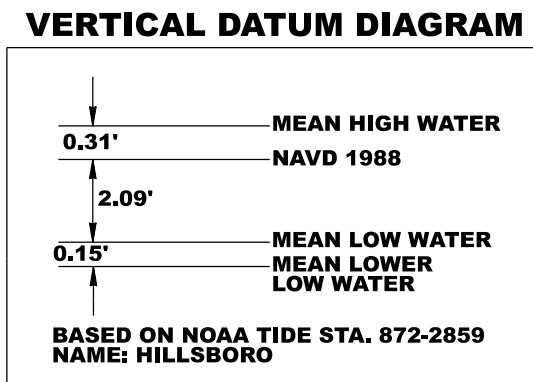
SECTION C
EXISTING CONDITIONS @ FISHING PIER LOCATION
SCALE: 1"=2'-0"



SECTION C
TYPICAL SECTION @ FISHING PIER LOCATION
SCALE: 1"=2'-0"



SECTION D
TYPICAL SECTION @ ALTERNATE TRANSIENT DOCK LOCATION
SCALE: 1"=2'-0"



DOCK STRUCTURES ARE PRE-MANUFACTURED ALUMINUM PRODUCTS WITH COMPOSITE DECKING. ALUMINUM FRAMES ARE TO BE HEAVY-DUTY WITH DOUBLE TRACK EXTERNAL EXTRUSIONS FOR CLEAT / BOLLARD AND OTHER MARINA COMPONENT EASE OF INSTALLATION AND ADJUSTMENT. PRE-APPROVED SYSTEMS INCLUDE THE 950 SERIES DOCK AS SUPPLIED BY GOLDEN MARINE SYSTEMS AND THE MTI-D260 SERIES DOCK AS SUPPLIED BY MARINA TECHNOLOGIES, INC. DOCKS ARE TO BE INSTALLED PER MANUFACTURER'S CERTIFIED AND APPROVED SHOP DRAWINGS. ALL DETAILS DEPICTED ON THESE PLANS ARE TO SHOW THE GENERAL STRUCTURAL DETAILS ONLY AND ARE NOT MEANT TO BE USED FOR CONSTRUCTION. THE MANUFACTURER WILL PROVIDE SHOP DRAWINGS.

NOTE: ALL CONCRETE PILES TO BE FDOT TYPE, MARINE GRADE FOR BIDDING PURPOSES ALL PILES TO BE 45 FEET IN LENGTH

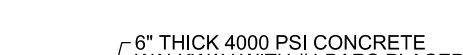
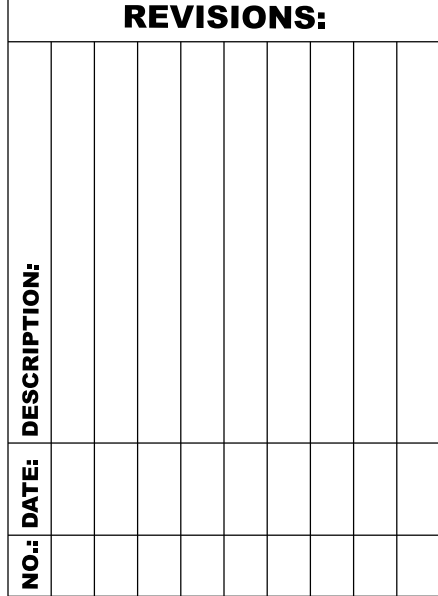
- CONCRETE NOTES:**
- CONCRETE CAP: 1. 6,000 PSI
 2. W/C < 0.40
 3. 6% MICROSILICA BY WEIGHT OF BINDERS
 4. APPLY MASTER BUILDER'S CONFLM PER MANUFACTURER'S INSTRUCTIONS IMMEDIATELY AFTER FINISHING. (NOTE CONFLM IS NOT A CURING COMPOUND)
 5. CONTINUOUS WATER CURE EXPOSED SURFACES AS SOON AS SURFACE IS HARD.
 6. APPLY CURING COMPOUND TO FORMED SIDES WITHIN 1 HOUR AFTER STRIPPING FORMS.
 7. EXPANSION JOINTS (E-J) ALONG CONCRETE WALKS TO BE INSTALLED AT MAX SPACING OF TWENTY-FIVE (25) FEET. CONTROL JOINTS ALONG CONCRETE WALKS TO BE AT MAX. SPACING OF FIVE (5) FEET.

- DESIGN CRITERIA**
- LIVE LOAD CRITERIA:**
100 PSF 400-LB POINT LOAD
FIXED STRUCTURES
PEDESTRIAN TRAFFIC ONLY
- BERTHING LOAD CRITERIA:**
3 FEET/SECOND (FPS)
10 DEGREE APPROACH ANGLE FOR SLIPS
30 DEGREE APPROACH ANGLE FOR SIDE & END TIES
- WIND LOAD CRITERIA:**
UNLOADED, ZERO OCCUPANCY: N/A
LOADED, FULL OCCUPANCY: N/A
WIND SPEED: 156 MPH (3-SECOND GUST)
RISK CATEGORY I, EXPOSURE D PER ASCE/SEI 7-22
- WAVE LOAD CRITERIA:**
SIGNIFICANT WAVE HEIGHT (Hs): 3.6 FEET
WAVE PERIOD (Tp): 2.8 SECONDS
- CURRENT LOAD CRITERIA:**
2.0 FEET/SECOND (FPS)
- WATER LEVEL DATA:**
MHW: +0.31 FEET NAVD
MLW: -2.09 FEET NAVD
- DESIGN WATER DEPTH:**
-5.0 FEET MLW (MARGINAL DOCKS & PIERS)
-9.0 FEET MLW (WAHOO BAY FISHING PIER)
- SERVICE LIFE: 30 YEARS**
- NOTES:**
1. LIMITED FETCH BY USACE S.P.M. 1984
2. DURATION AVERAGE WIND (50 MINUTE)
3. BREAKING WAVE BY MINIKIN EQUATION
4. FDOT DOCKS TO COMPLY W/ 6TH EDITION (2023) FLORIDA BUILDING CODE

PLAN SET ISSUED FOR
BIDDING PURPOSES 6.25.25

REVISIONS:		PROJECT:		SHEET TITLE:	
NO.	DATE:	DESCRIPTION:	PROJECT:	SHEET TITLE:	
			HILLSBORO INLET PARK BULKHEAD PROMENADE & DOCK IMPROVEMENTS	TYPICAL SECTION DETAILS	
			POMPAHO BEACH, BROWARD COUNTY, FLORIDA		
			PREPARED FOR:		
			pompano beach		
			Florida's Warmest Welcome		
			CITY OF POMPAHO BEACH		
			POMPAHO BEACH, FLORIDA 33069		
			CERTIFICATION:		
			SEA DIVERSIFIED, INC.		
			Tel: (561) 243-4920		
			Fax: (561) 243-4957		
			160 Congress Park Drive, #114		
			Delray Beach, Florida 33445		
			www.seadiversified.com		
			William T. Seidler, J.P.E., P.E.		
			For the firm Sea Diversified, Inc.		
			C.A. License Number 25857		
			DATE:	JUNE 2025	
			DRAWN BY:	W.T.S.	
			CHECKED BY:	W.T.S.	
			SCALE:	AS SHOWN	
			SHEET:		
					S-2
			CADD ID:		
			TOTAL NUMBER OF SHEETS:		
			SDI P.N.: 24-3350		

**NOTE: ALL CONCRETE PILES TO BE FDOT TYPE, MARINE GRADE
FOR BIDDING PURPOSES ALL PILES TO BE 45 FEET IN LENGTH**



**PLAN SET ISSUED FOR
BIDDING PURPOSES 6.25.25**

LIVE LOAD CRITERIA:
100 PSF 400-5 FEET POINT LOAD
FIXED STRUCTURES
PEDESTRIAN TRAFFIC ONLY

BERTHING LOAD CRITERIA:
3 FEET/SECOND (FPS)
10 DEGREE APPROACH ANGLE FOR SLIPS
10 DEGREE APPROACH ANGLE FOR SIDE & END TIES

WIND LOAD CRITERIA:
UNLOADED, FULL OCCUPANCY: N/A
UNLOADED, ZERO OCCUPANCY:
WIND SPEED: 150 MPH (3-SECOND GUST)
RISK CATEGORY I, EXPOSURE D PER ASCE/SEI 7-22

WAVE LOAD CRITERIA:
SIGNIFICANT WAVE HEIGHT (Hs): 3.6 FEET
WAVE PERIOD (Tp): 2.8 SECONDS

CURRENT LOAD CRITERIA:
2.0 FEET/SECOND (FPS)

WATER LEVEL DATA:
MHW: +0.31 FEET NAVD
MLW: -2.09 FEET NAVD

DESIGN WATER DEPTH:
-0.0 FEET MLW (MARGINAL DOCKS & PIERS)
-2.0 FEET MLW (WAROON BAY FISHING PIER)

SERVICE LIFE: 30 YEARS

NOTES:
1. LIMITED LUTATION BY USACE S.P.M. 1984
2. DURATION AVERAGE WIND 50 MINUTY
3. BREAKING WAVE BY MINIKIN EQUATION
4. FIXED DOCKS TO COMPLY W/ 8TH EDITION (2023)

SEA DIVERSIFIED, INC.

Tel: (561) 243-4920
Fax: (561) 243-4957

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Tel: (561) 243-4920
Fax: (561) 243-4957

160 Congress Park Drive, #114
Delray Beach, Florida 33445
www.seadiversified.com



SEA
DIVERSIFIED

DATE:	JUNE 2025
DRAWN BY:	W.T.S.
CHECKED BY:	W.T.S.
SCALE:	AS SHOWN
SHEET:	

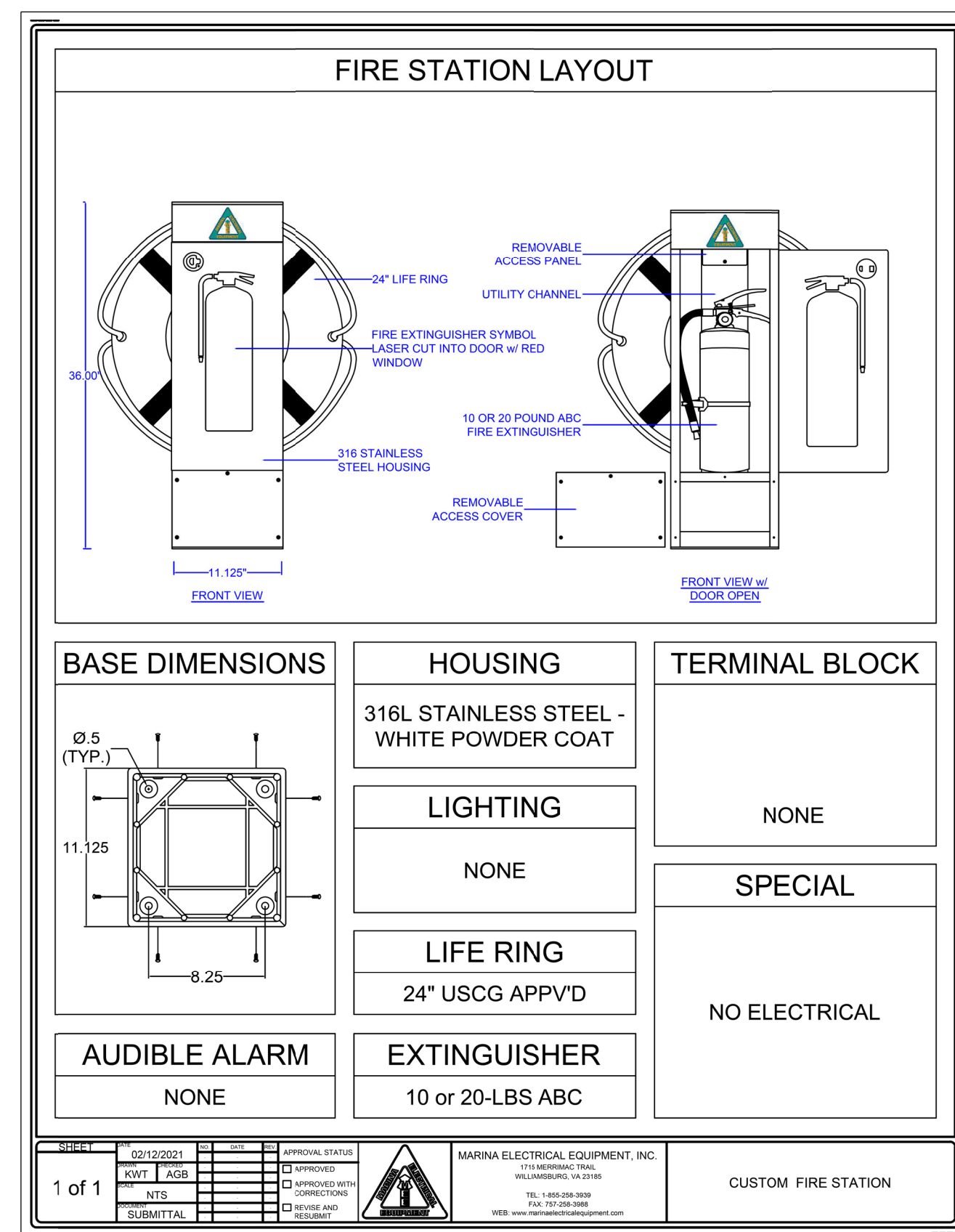
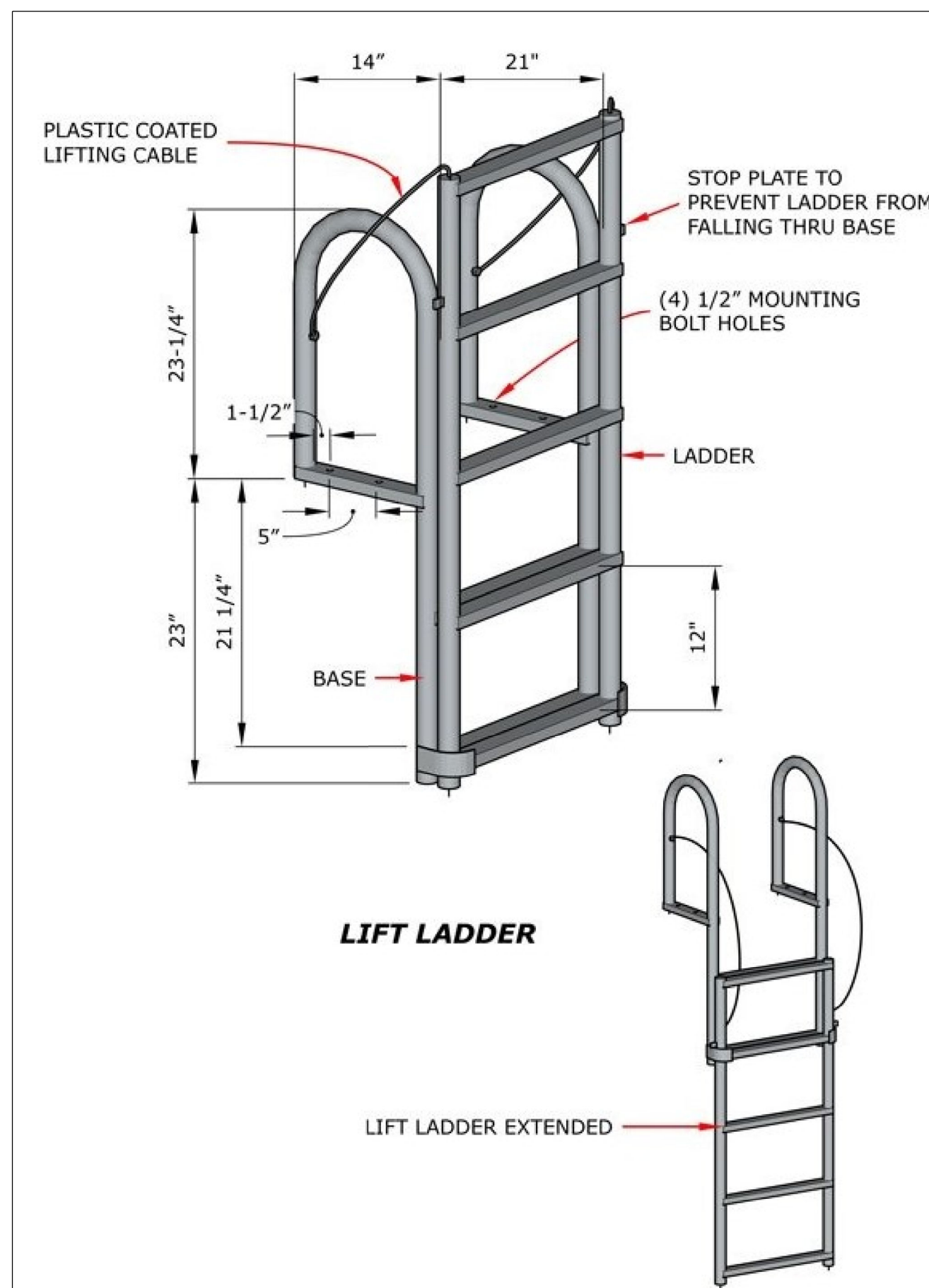
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TOTAL NUMBER OF SHEETS:



SDI P.N.: 24-3350

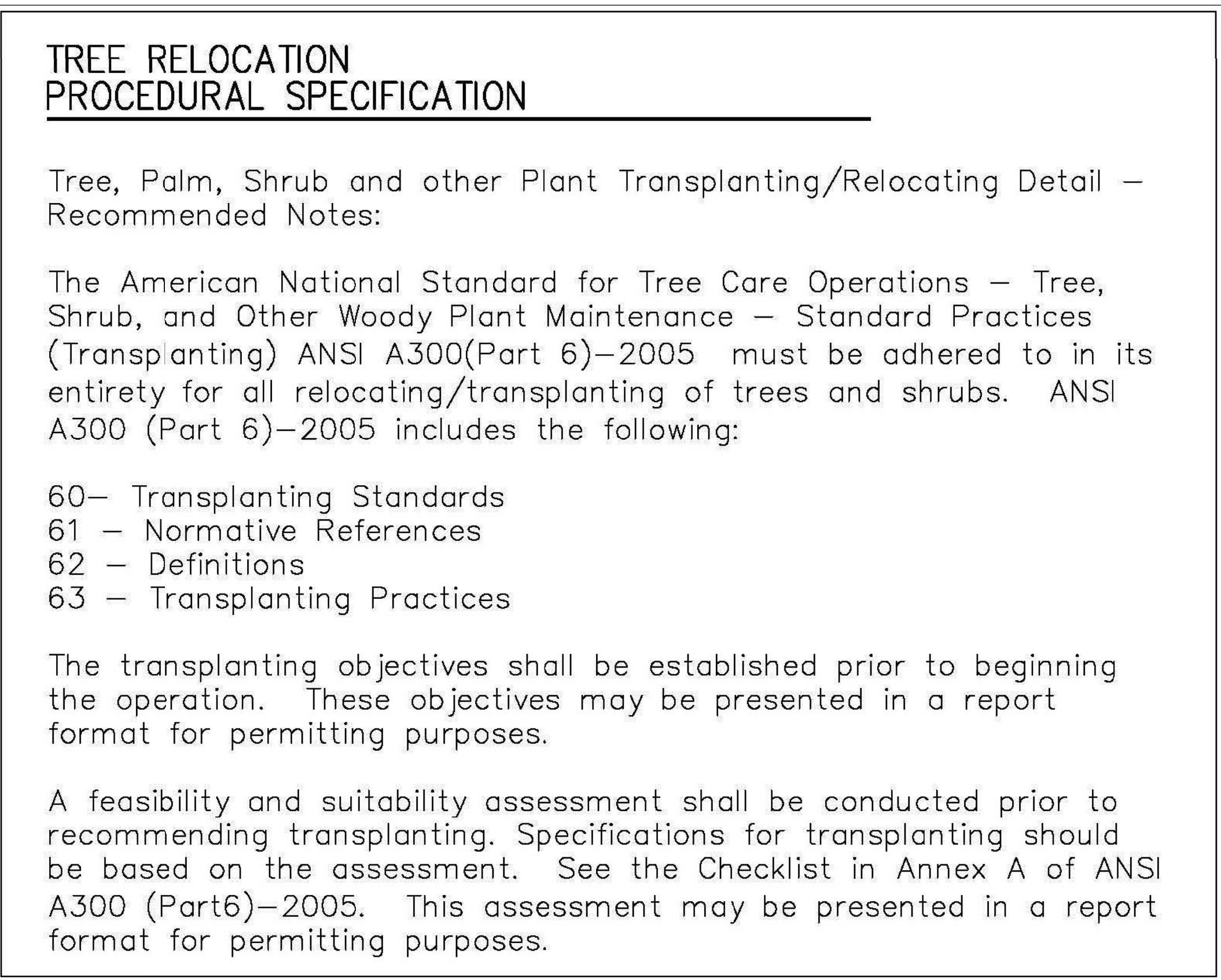
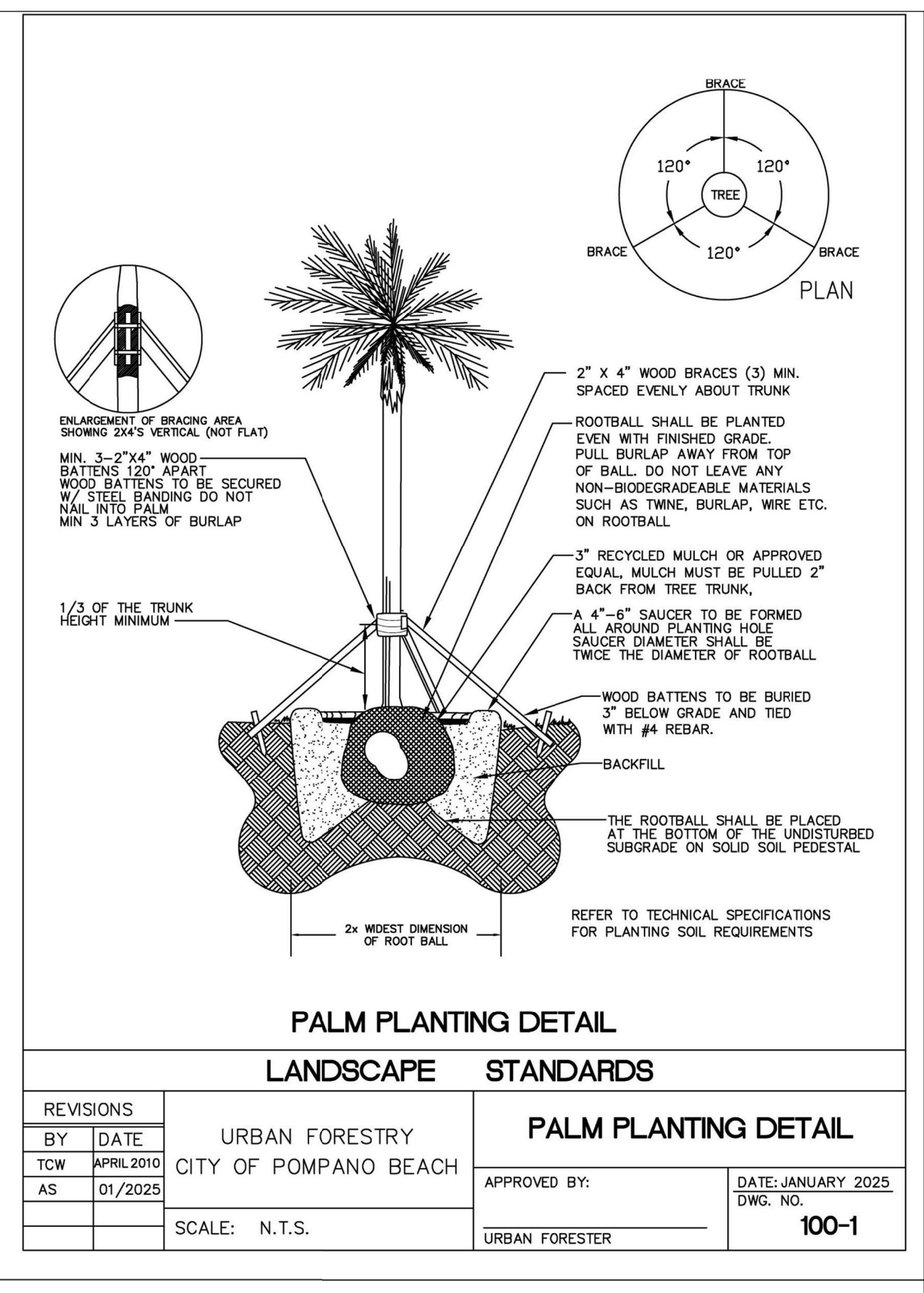
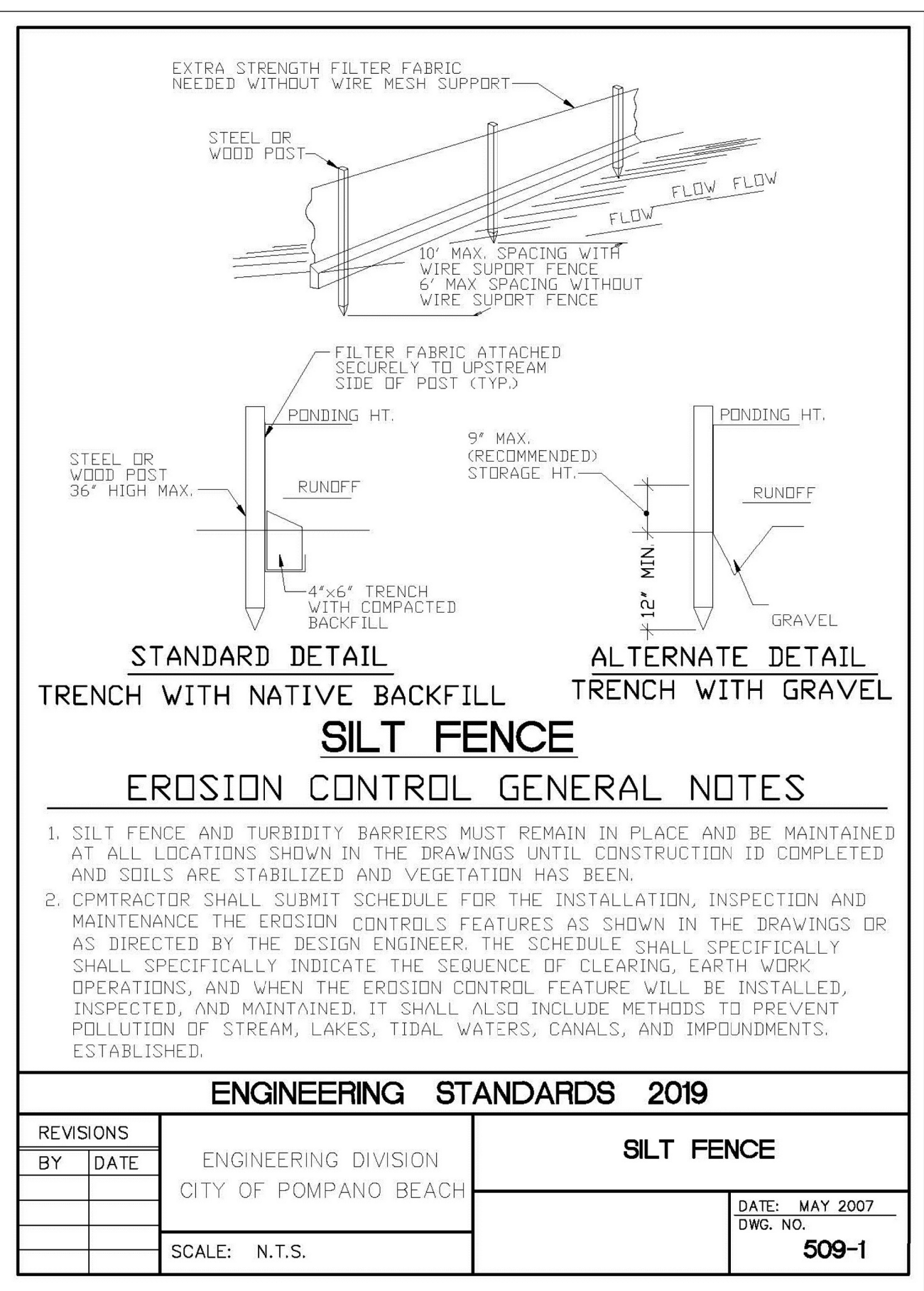


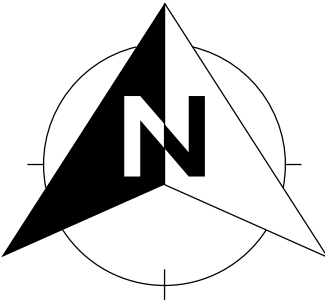
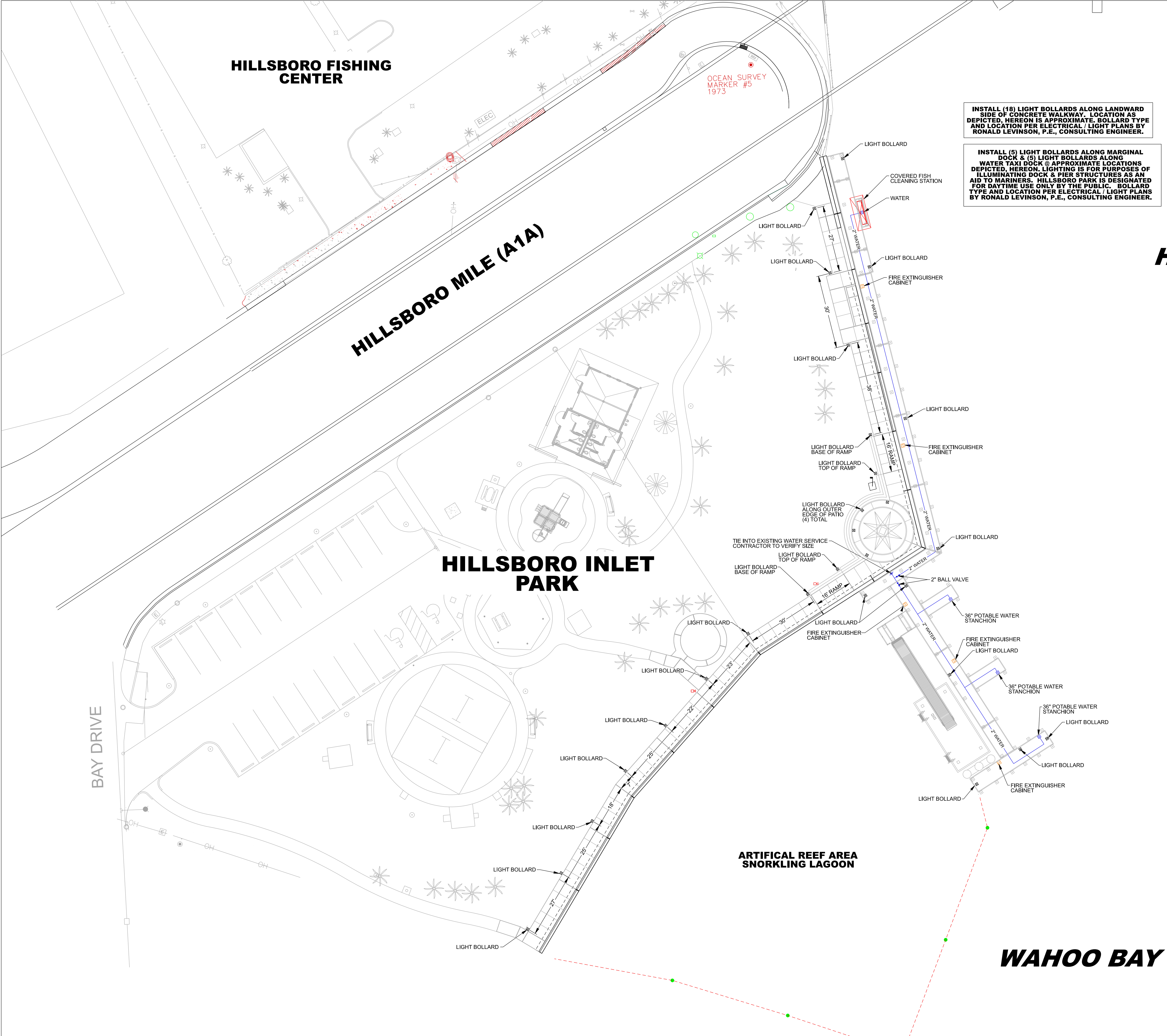
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**PLAN SET ISSUED FOR
BIDDING PURPOSES 6.25.25**

		PREPARED BY: SEA DIVERSIFIED, INC.		CERTIFICATION: NILES, T. Soder, Jr., P.E. Florida Registration No. 24184 160 Congress Park Drive, Suite 114 Delray Beach, Florida 33445 C.A. License Number 25557	PREPARED FOR:  Florida's Warmest Welcome CITY OF POMPAÑO BEACH 1600 WEST 11TH AVENUE POMPAÑO BEACH, FL 33060	PROJCT: HILLSBORO INLET PARK BULKHEAD PROMENADE & DOCK IMPROVEMENTS POMPAÑO BEACH, BROWARD COUNTY, FLORIDA	REVISIONS:	
		CHECKED BY: W.T.S.	NO. DATE:				DESCRIPTION:	
DATE: JUNE 2025		SHEET TITLE:						
DRAWN BY: W.T.S.								
SCALE: 1"=10'								
SHEET:								
<div><div>M-1</div><div>CADD ID: TOTAL NUMBER OF SHEETS:</div><div>SDI P.N.: 24-3350</div></div>								





HILLSBORO INLET



TYPICAL 36" WATER STANCHION
4"x4" ALUMINUM POST W/ 6"x8" ALUMINUM BASE PLATE
POWDER COATED WHITE
HOSE HOLDER OPTIONAL
SINGLE HOSE BIBB
SUPPLIED BY INTERNATIONAL DOCK PRODUCTS, DOCK
BUILDERS SUPPLY, HAVEN DOCK & MARINE, OR
APPROVED EQUAL



TYPICAL FIRE EXTINGUISHER CABINET
STAINLESS STEEL
POWDER COATED WHITE
10LB EXTINGUISHER
LIGHT & ALARM OPTIONAL
SUPPLIED BY MARINA ELECTRICAL EQUIPMENT,
EATON CORPORATION, OR APPROVED EQUAL

INSTALL (18) LIGHT BOLLARDS ALONG LANDWARD SIDE OF CONCRETE WALKWAY. LOCATION AS DEPICTED. HEREON IS APPROXIMATE BOLLARD TYPE AND LOCATION PER ELECTRICAL / LIGHT PLANS BY RONALD LEVINSON, P.E., CONSULTING ENGINEER.

INSTALL (5) LIGHT BOLLARDS ALONG MARGINAL DOCK & (5) LIGHT BOLLARDS ALONG WATER TAXI DOCK @ APPROXIMATE LOCATIONS DEPICTED. HEREON, LIGHTING IS FOR PURPOSES OF ILLUMINATING DOCK & PIER STRUCTURES AS AN AID TO MARINERS. HILLSBORO PARK IS DESIGNATED FOR DAYTIME USE ONLY BY THE PUBLIC. BOLLARD TYPE AND LOCATION PER ELECTRICAL / LIGHT PLANS BY RONALD LEVINSON, P.E., CONSULTING ENGINEER.

REVISIONS:

NO.	DATE	DESCRIPTION

PROJECT:

HILLSBORO INLET PARK
BULKHEAD PROMENADE
& DOCK IMPROVEMENTS
POMPAHO BEACH, BROWARD COUNTY, FLORIDA

SHEET TITLE:

LIGHTING, WATER & FIRE

PREPARED FOR:

CITY OF POMPAHO BEACH
POMPAHO BEACH, FLORIDA 33060

CERTIFICATION:

William T. Seidler, Jr., P.E.
Professional Engineer
For the firm Sea Diversified, Inc.
C.A. License Number 25837

PREPARED BY:

SEA DIVERSIFIED, INC.
Tel: (561) 243-4920
Fax: (561) 243-4957
160 Congress Park Drive, #114
Dunbar Beach, Florida 33445
www.seadiversified.com

DATE:	JUNE 2025
DRAWN BY:	W.T.S.
CHECKED BY:	W.T.S.
SCALE:	1"=20'

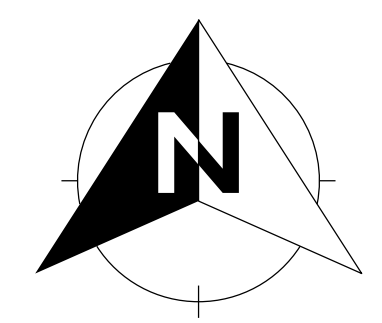
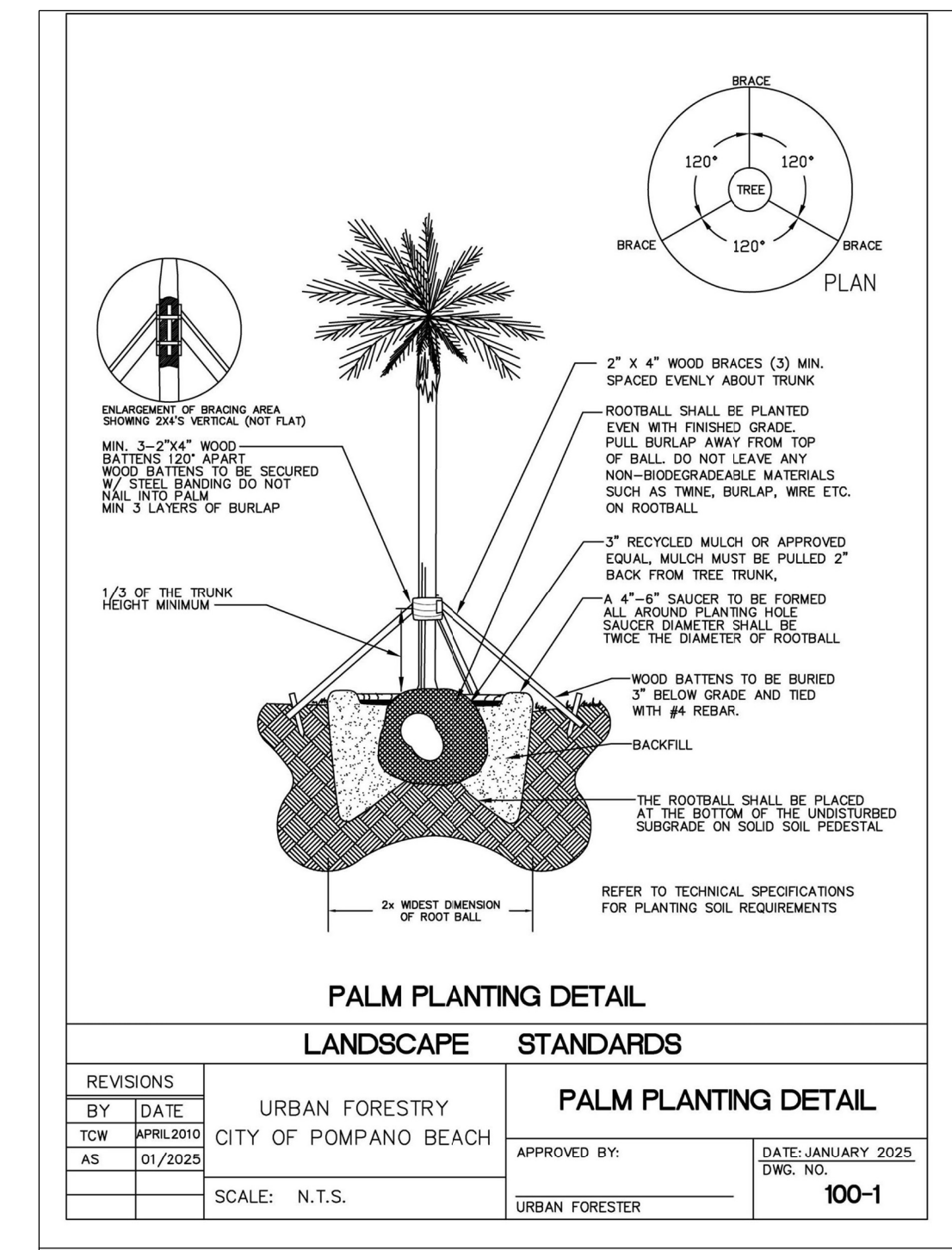
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U-1

CADD ID:







TOTAL NUMBER OF SHEETS:

SDI P.N.: 24-3350





**HILLSBORO
INLET**

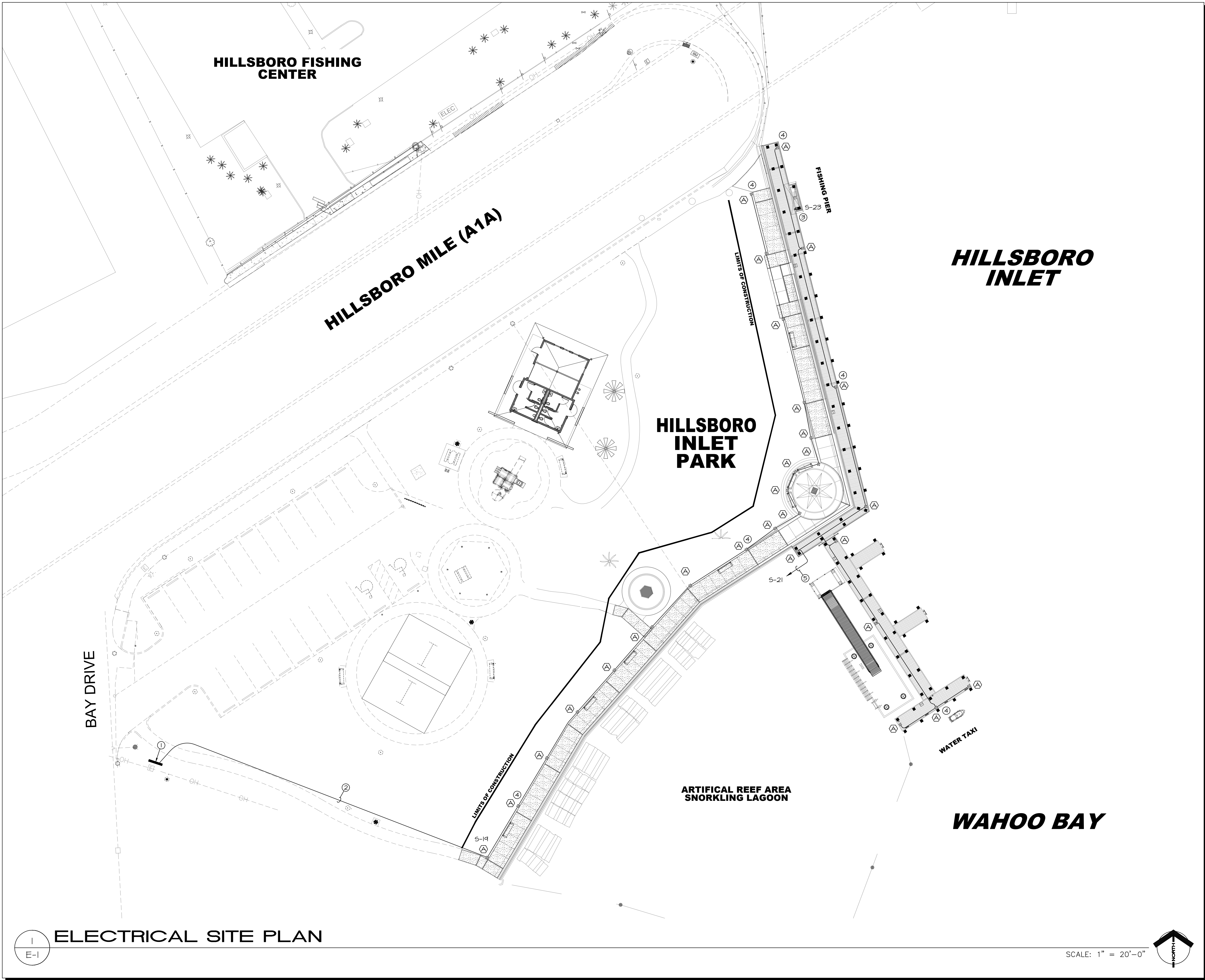
- ## SHEET NOTES:
1. REFERENCE SHEET EX-1 FOR DEMOLITION AND SITE PREPARATION NOTES INCLUDING PLANT DETAILS.
 2. AREA LANDWARD OF THE NEW CONCRETE WALKWAY TO BE FILLED WITH CLEAN GRANULAR FILL TESTED TO BE SUITABLE FOR RESIDENTIAL PURPOSES. SOURCE OF FILL TO BE PROVIDED TO THE CITY IN ADVANCE FOR APPROVAL. FILL MATERIAL MUST HAVE A WELL DRAINED CHARACTERISTICS FREE OF ROCKS, STICKS, WEEDS, AND ANY TYPE OF DEBRIS.
 3. FILL AREA TO BE GRADED, COMPACTED AND PREPARED AS REQUIRED FOR SOD PLACEMENT. CONTRACTOR TO COORDINATE WITH THE CITY REGARDING EXISTING IRRIGATION SYSTEM. TYPE OF SOD PER JOINT AND TO MATCH EXISTING CONDITIONS.
 4. CONTRACTOR TO PROVIDE ASSESSMENT SURVEY OF FILL FILL AND GRADING PRIOR TO SOD PLACEMENT, AS WELL AS REPLACEMENT OF PARK FEATURES (STATUES, SIGNAGE, PLAQUES, ETC).
 5. CONTRACTOR TO REPLANT EXISTING PALM TREES REMOVED AS PART OF THE DEMOLITION PHASE OR PROVIDE NEW. TREES TO BE REPLANTED AT THE APPROXIMATE ORIGINAL LOCATION UNLESS CONFLICTING WITH NEW CONSTRUCTION OR DIRECTED OTHERWISE BY THE CITY. SOD OF PLANT BALL SHALL BE FLUSH WITH THE SURROUNDING GROUND. TEMPORARILY BRACE TREES PER CITY SPECIFICATIONS COPIED. HEREON AND RESTORE IRRIGATION TO SUPPORT THE REPLANTED TREES. CONTRACTOR TO COORDINATE WITH THE CITY REGARDING POINTS OF CONNECTION TO EXISTING IRRIGATION.
 6. SOD SHALL BE LAID ON A SMOOTH PLANTING BASE THAT HAS BEEN GRADED IN ACCORDANCE WITH THE PLANS. CONTRACTOR SHALL ENSURE A SMOOTH TRANSITION TO EXISTING GRASSES. ALLOWED SOIL SHALL BE LAID WITH CLOSET FITTING JOINTS AND SHALL BE IN A GREEN AND HEALTHY GROWING CONDITION AT TIME OF PLANTING.
 7. ALL LANDSCAPING SHALL BE IRRIGATED BY A FULLY AUTOMATIC SYSTEM ADJUSTED TO PROVIDE 150% COVERAGE OF ALL LANDSCAPE AREAS WITH MINIMUM 50% OVERLAP.
 8. ALL LANDSCAPING SHALL BE CONDUCTED BY A QUALIFIED LANDSCAPE CONTRACTOR MEETING ALL LOCAL LANDSCAPE CODES.
 9. REFERENCE SHEET EX-1 FOR TREE ASSESSMENT AND MITIGATION SUMMARY PREPARED BY PLANW3ST.

LEGEND	
	LED LIGHT BOLLARD
	PARK BENCH
	EXISTING PALM TREE TO REMAIN
	EXISTING PALM TREE TO BE REMOVED, SALVAGED AND REPLANTED AFTER FILL AND GRADING
	FILL AND REGRADING AREA (4150 SF +/- (0.10 AC +/-))
	PROPOSED GRADE

**PLAN SET ISSUED FOR
BIDDING PURPOSES 6.25.25**

PLANS ARE NOT VALID WITHOUT THE SIGNATURE AND RAISED SEAL OF A LICENSED ENGINEER REGISTERED IN THE STATE OF FLORIDA. SDI P.N.: 24-3350

<div></div>		<div>PREPARED BY: SEA DIVERSIFIED, INC. Tel: (561) 243-4920 Fax: (561) 243-4957 160 Congress Park Drive, #114 Delray Beach, Florida 33445 www.seadiversified.com</div>	<div>CERTIFICATION: William T. Sudler, Jr., P.E. Florida Registration No. 241184 Seal of the Professional Engineer C.A. License Number 225937</div>	<div>PREPARED FOR:  Florida's Warmest Welcome CITY OF POMPAÑO BEACH 1120 NE 5TH AVENUE POMPAÑO BEACH, FLORIDA 33060</div>	<div>PROJECT: HILLSBORO INLET PARK BULKHEAD, PROMENADE AND DOCK IMPROVEMENTS POMPAÑO BEACH, BROWARD COUNTY, FLORIDA</div>	<div>NO. DATE:<table><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table></div>																					<div>REVISIONS:<table><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table></div>																				
<div>DATE: JUNE 2025 DRAWN BY: W.T.S. CHECKED BY: W.T.S. SCALE: 1"=20' SHEET:</div>		<div>SHEET TITLE: LANDSCAPE PLAN</div>																																													
<div>CADD ID: TOTAL NUMBER OF SHEETS:</div>		<div>L-1</div>																																													



PLAN NOTES:

- APPROXIMATE LOCATION OF EXISTING SERVICE RACK AND EXISTING PANEL 'S' TO REMAIN. SEE PANEL SCHEDULE FOR ADDITIONAL INFORMATION. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- 3/4" C-5#10/#10G.
- WP 6FI RECEPTACLE AT FISH CLEANING STATION PROVIDE LOCKING NEMA 3R WEATHERPROOF IN-USE COVER AND RUN 3/4" C-2#10/#10G TO CIRCUIT 'S-23'. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- NEW BOLLARD LIGHTING FIXTURE. SEE LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION. TIE TO CIRCUIT INDICATED VIA PHOTO CELL. (TYPICAL OF 2B)
- 3/4" C-2#10/#10G.
- PER NEC 555.13 PROVIDE MINIMUM #8 BONDING CONDUCTOR FROM THE SYSTEM GROUND CONNECTED TO ALL NON CURRENT-CARRYING METAL PARTS IN CONTACT WITH THE WATER THAT ARE LIKELY TO BECOME ENERGIZED.
- PER NEC 555.13 PROVIDE MINIMUM #8 BONDING CONDUCTOR FROM THE SYSTEM GROUND CONNECTED TO ALL NON CURRENT-CARRYING METAL PARTS IN CONTACT WITH THE WATER THAT ARE LIKELY TO BECOME ENERGIZED.

GENERAL ELECTRICAL NOTES:

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE CURRENT APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), THE NATIONAL FIRE CODES (NFPA), THE AMERICANS WITH DISABILITIES ACT (ADA), THE FLORIDA BUILDING CODE (FBC) AND ALL OTHER LOCAL CODES AND AMENDMENTS.
- ALL PANELBOARDS SHALL BE PROVIDED WITH A TYPEWRITTEN SCHEDULE SHOWING CIRCUIT NUMBERS AND A COMPLETE DESCRIPTION OF EACH CIRCUIT.
- MINIMUM TRADE SIZE CONDUIT PERMITTED SHALL BE 1/2 INCH UNLESS NOTED OTHERWISE.
- ALL CONDUCTOR METAL SHALL BE COPPER WITH 600 VOLT INSULATION TYPE THHN (MINIMUM SIZE SHALL BE #12AWG). CONTRACTOR SHALL ADJUST WIRE AND CONDUIT SIZES IF OTHER INSULATION TYPES ARE USED.
- ALL PANELBOARDS, SWITCHES, AND CIRCUIT BREAKERS SHALL BE MEE, ITE, SQUARE D, GE, OR CUTLER HAMMER.
- ALL CONDUITS SHALL HAVE A SEPARATE GREEN GROUND CONDUCTOR INSTALLED FOR GROUNDING.
- ALL EMPTY CONDUITS SHALL CONTAIN JET LINE #232 POLYOFIN 200 LB. TEST.
- ALL WORK SHOWN ON THE ELECTRICAL PLANS SHALL BE PERFORMED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

ELECTRICAL SYMBOL LEGEND:

AFCI	ARC FAULT CURRENT INTERRUPTER
GFI	GROUND FAULT INTERRUPT
OC	MOUNT DEVICE AT OVER COUNTER HEIGHT
WP	WEATHERPROOF
EF	EXHAUST FAN
⌚	GROUND TYPE DUPLEX RECEPTACLE 120V. +18" AFF TO BOTTOM OF DEVICE.
\$	S.P.S.T. SWITCH
⊙	LIGHTING FIXTURE
⊙	WALL MOUNTED LIGHTING FIXTURE
⊙	LIGHT FIXTURE TYPE. SEE SCHEDULE.
⊙	PLAN NOTE
■	120/240V PANELBOARD
↓	GROUND CONNECTION
□	DISCONNECT SWITCH
—	CONDUIT

SCOPE OF WORK:

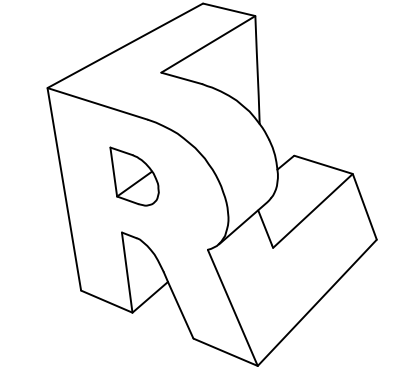
THIS PROJECT CONSISTS OF THE ELECTRICAL WORK ASSOCIATED WITH THE RAISING OF THE EXISTING WALKWAYS TO THE ELEVATION OF THE EXISTING SEAWALL.

NEW AMBER TURTLE FRIENDLY LED FIXTURES SHALL BE PROVIDED ALONG THE RAISED WALKWAY AND EXISTING DOCK.

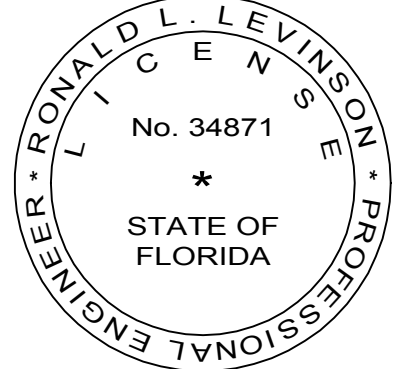
THE EXISTING PARKING LOT AND OTHER SITE LIGHTING FIXTURES ARE TO REMAIN AS IS.

RONALD L. LEVINSON, P.E.
530 S. Federal Hwy.
Suite No. 4
Lake Worth Beach
Florida 33460-4681
Ph: (561)379-5835
Fax: (561)582-3700
LevinsonPE@gmail.com

FL P.E. NO. 34871



This drawing has been electronically signed and sealed by Ronald L. Levinson P.E. on the date indicated. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



PROJECT:

Hillsboro Inlet Park

ELECTRICAL UPGRADES

2700 North Ocean Boulevard
Pompano Beach
Florida 33062

Date: 6-16-2025
Drawn By: RLL
Checked By: RLL
Project No.: 250411
Revised:

SHEET NO. 1 of 2

E-1
PRELIMINARY
NOT FOR
CONSTRUCTION

