

DEPARTMENT OF THE ARMY U.S. ARMY CORPS OF ENGINEERS, JACKSONVILLE DISTRICT 701 SAN MARCO BOULEVARD JACKSONVILLE, FLORIDA 32207

May 7, 2025

Regulatory Division West Permits Branch Tampa Section SAJ-2005-10374(NWP-JLA)

Pinellas County Parks and Conservation Resources

c/o Paul Cozzie

14 South Fort Harrison Ave
Clearwater, FI 33756

Sent via email: Pcozzie@pinellas.gov

Dear Mr. Cozzie:

Your request for authorization under emergency permitting procedures was received on April 03, 2025. Your proposal involves replacement and repair in kind for two (2) aluminum gangways attached to the existing fishing pier; fishing pier handrails and gate; replacement of a pvc water line; and repair of concrete spalling at gangway connections. The aluminum gangways are 5-feet by 24.5 feet for a total of 245 square feet.

The project is located within tidal waters of Tampa Bay at 3500 Pinellas Bayway S, Tierra Verde, FL 33715, Section 05, Township 33 South, Range 16 East, Tierra Verde, Pinellas County, FL 33715. Location coordinates: Latitude 27.615831 °, Longitude: -82.725841 °. The proposed activities are authorized under approved emergency permitting procedures in accordance with the terms and conditions specified below.

Terms:

- 1. You are authorized to undertake the activity described above pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403).
- 2. The proposed activities are authorized by Nationwide Permit (NWP) 3 (Maintenance). In order for this NWP authorization to be valid, you must ensure that the work is performed in accordance with the Nationwide Permit General Conditions, the Jacksonville District Regional Conditions, and the General and Project-Specific Special Conditions listed below. Please access the U.S. Army Corps of Engineers Jacksonville District's Regulatory Source Book web page for links to view NWP information at:

<u>https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/</u>. Please be aware this Internet address is case sensitive and should be entered as it appears above. Once there, select "Nationwide Permits."

- 3. The authorized work must be completed within **180 days** from the date of this authorization.
- 4. You must adhere to the general and special conditions listed below.
- 5. Authorization granted under emergency procedures does not convey any property rights or exclusive privileges. It does not authorize any injury to the property or rights of others or obviate the need to obtain other Federal, state, or local authorizations required by law. In addition, it does not authorize interference with any existing or proposed Federal project.

General Conditions (33 CFR Part 320-330):

- 1. The time limit for completing the work authorized ends on November 3, 2025.
- 2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity, or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
- 3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort of if the site is eligible for listing in the National Register of Historic Places.
- 4. If you sell the property associated with this permit you must obtain the signature of the new owner on the transfer form attached to this letter and forward a copy to this office to validate the transfer of this authorization.
- 5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit.
- 6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Project-Specific Special Conditions:

- Reporting Address: The Permittee shall submit all reports, notifications, documentation, and correspondence required by the general and special conditions of this permit to either (not both) of the following addresses:
 - a. For electronic mail (preferred): <u>SAJ-RD-Enforcement@usace.army.mil</u> (not to exceed 15 MB).
 - b. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019.

The Permittee shall reference this permit number, SAJ-2005-10374 (NWP – JLA), on all submittals.

- Commencement Notification: Within 10 days from the date of initiating the work authorized by this permit, the Permittee shall submit a completed "Commencement Notification" form (attached).
- 3. **Posting of Permit:** The Permittee shall have available and maintain for review a copy of this permit and approved plans at the construction site.
- 4. **Self-Certification:** Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the ENG Form 6285, "Certification of Compliance with Department of Army Permit" (located at https://www.publications.usace.army.mil/Portals/76/Eng_Form_6285_2024%2 ODec%20FINAL.pdf) and submit it to the Corps.

5. Cultural Resources/Historic Properties:

- a. No structure or work shall adversely affect, impact, or disturb properties listed in the *National Register of Historic Places* (NRHP), or those eligible for inclusion in the NRHP.
- b. If, during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with native cultures or early colonial settlement), the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Corps at the addresses listed in the **Reporting Address Special Condition** within the same

- business day (8 hours). The Corps shall coordinate with the Florida State Historic Preservation Officer (SHPO) to assess the significance of the discovery and devise appropriate actions.
- c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition and, if deemed necessary by the SHPO or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.
- d. In the unlikely event that unmarked human remains are identified on non-federal lands; they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archaeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the SHPO and from the Corps.
- 6. **Assurance of Navigation and Maintenance:** The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
- 7. Jacksonville District Programmatic Biological Opinion (JAXBO): Structures and activities authorized under this permit will be constructed and operated in accordance with all applicable PDCs contained in the JAXBO, based on the permitted activity. Johnson's seagrass and its critical habitat were delisted from the Endangered Species Act on May 16, 2022. Therefore, JAXBO PDCs required to minimize adverse effects to Johnson's seagrass and its critical habitat are no longer applicable to any project. Failure to comply with applicable PDCs will constitute noncompliance with this permit. In addition, failure to comply with the

applicable PDCs, where a take of listed species occurs, would constitute an unauthorized take. The NMFS is the appropriate authority to determine compliance with the Endangered Species Act. The most current version of JAXBO can be accessed at the Jacksonville District Regulatory Division website in the Endangered Species section of the Sourcebook located at: http://www.saj.usace.army.mil/Missions/Regulatory/SourceBook.aspx

JAXBO may be subject to revision at any time. The most recent version of the JAXBO must be utilized during the design and construction of the permitted work.

- 8. **Manatee Conditions:** The Permittee shall comply with the attached "Standard Manatee Conditions for In-Water Work 2011." The most recent version of the Manatee Conditions must be utilized.
- 9. Turbidity Barriers: Prior to the initiation of any of the work authorized by this permit, the Permittee shall install floating turbidity barriers with weighted skirts that extend within 1 foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained daily until the authorized work has been completed and turbidity within the construction area has returned to ambient levels. Turbidity barriers shall be removed upon stabilization of the work area.

This letter of authorization does not include conditions that would prevent the 'take' of a state-listed fish or wildlife species. These species are protected under sec. 379.411, Florida Statutes, and listed under Rule 68A-27, Florida Administrative Code. With regard to fish and wildlife species designated as species of special concern or threatened by the State of Florida, you are responsible for coordinating directly with the Florida Fish and Wildlife Conservation Commission (FWC). You can visit the FWC license and permitting webpage (http://www.myfwc.com/license/wildlife/) for more information, including a list of those fish and wildlife species designated as species of special concern or threatened. The Florida Natural Areas Inventory (http://www.fnai.org/) also maintains updated lists, by county, of documented occurrences of those species.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

Should you have any questions related to this verification or have issues accessing the documents reference in this letter, please contact Jennifer L. Alexander via telephone at 813-769-7076, or via e-mail at Jennifer.L.Alexander@usace.army.mil.

Sincerely,

Jennifer L. Alexander
Jennifer L. Alexander
Project Manager

Enclosures
Drawings
Commencement Form
Standard Manatee Conditions

Cc:

Agent-Kathleen Castor < Kathleen. Castor@stantec.com>

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

DA PERMIT NUMBER: SAJ-2005-10374(NWP-JLA)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019 or submit via electronic mail to: SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).

(TRANSFEREE-SIGNATURE)	(SUBDIVISION)	
(DATE)	(LOT) (BLOCK)	
(NAME-PRINTED)	(STREET ADDRESS)	
(MAILING ADDRESS)		
(CITY, STATE, ZIP CODE)		

COMMENCEMENT NOTIFICATION

Within ten (10) days of initiating the authorized work, submit this form to via electronic mail to <u>saj-rd-enforcement@usace.army.mil</u> (preferred, not to exceed 15 MB) <u>or</u> by standard mail to U.S. Army Corps of Engineers, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019.

1.	Department of the	ne Army Permit Number: SAJ-2005-10374(NWP-JLA)
2.	Permittee Inform	nation:
	Name:	
	Email:	
	Address:	
	Phone:	
3.	Construction St	art Date:
4.	Contact to Sche	dule Inspection:
	Name:	
	Email:	
	Phone:	
		Signature of Permittee
		Printed Name of Permittee
		 Date

Skyway Fishing Pier SECTION 18, TOWNSHIP 33 SOUTH, RANGE 16 EAST PROJECT LOCATION

KEY MAP

INDEX OF PLANS

IEET NO.	SHEET TITLE
1	KEY SHEET
2	GENERAL NOTES
3	DOCK AND GANGWAY PLAN
4	SPALL REPAIR PLAN
5	SPALL REPAIR DETAILS
6	RAILING DETAILS
7	UTILITY PLAN

REFERENCES

- GANGWAY DESIGN SHOP DRAWING
- GANGWAY BRACKET MODIFICATION RFI
- HANDRAIL DESIGN SHOP DRAWING
- UTILITY SUPPORT SHOP DRAWING

RELATED STANDARDS AND SPECIFICATIONS

- A. FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FY 2025-26)
- B. FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS, (FY 2025-26)
- C. PINELLAS COUNTY STANDARD DETAILS (FEB/2022)
- D. PINELLAS COUNTY SUPPLEMENTAL SPECIFICATIONS FOR ROADWAY AND GENERAL CONDITIONS (2022)

PROJECT MANAGER: DAN GLASER, P.E. 727.464.5209

PINELLAS COUNTY PUBLIC WORKS

14 SOUTH FORT HARRISON AVENUE CLEARWATER, FLORIDA 33756 PHONE: (727)464-3588

STANTEC 380 PARK PLACE BLVD, SUITE 300, CLEARWATER, FLORIDA, 33759 www.STANTEC.com - 727.531.3505

60% PLANS NOT FOR CONSTRUCTION **APRIL 2025**

CHRISTOPHER P. GAMACHE, P.E. No. 82122 DATE ENGINEER OF RECORD

PINELLAS COUNTY LOCATION MAP

GOVERNING STANDARD PLANS

FLORIDA DEPARTMENT OF TRANSPORTATION, FY2025-26 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION.

GOVERNING STANDARD CONSTRUCTION SPECIFICATIONS

FLORIDA DEPARTMENT OF TRANSPORTATION, FY2025-26 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE:

HTTP: //WWW.FDOT.GOV/PROGRAMMANAGEMENT/IMPLEMENTED/SPECBOOKS

VERTICAL DATUM:

NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

ENVIRONMENT:

SUPERSTRUCTURE - EXTREMELY AGGRESSIVE SUBSTRUCTURE - EXTREMELY AGGRESSIVE

CONCRETE:

CLASS	MINIMUM 28-DAY COMPRESSIVE STRENGTH (PSI)	LOCATION OF CONCRETE IN STRUCTURE
IV	f'c = 5,500	SPALL REPAIRS

CONCRETE COVER:

CONCRETE COVER SHOWN IN THE PLANS DOES NOT INCLUDE PLACEMENT AND FABRICATION TOLERANCES UNLESS SHOWN AS "MINIMUM COVER". SEE FDOT STANDARD SPECIFICATIONS FOR ALLOWABLE TOLERANCES. ALL DIMENSIONS PERTAINING TO LOCATIONS OF REINFORCING ARE TO THE CENTERLINE OF BARS EXCEPT WHERE THE CLEAR DIMENSION IS SHOWN TO THE FACE OF CONCRETE.

UNLESS NOTED OTHERWISE, CLEAR COVER SHALL BE AS FOLLOWS:

SUPERSTRUCTURE: 2" TO EXTERNAL FORMED OR FINISHED SURFACES

SUBSTRUCTURE: 4" TO EXTERNAL FORMED OR FINISHED SURFACES

STEEL REINFORCEMENT:

ALL REINFORCEMENT BARS SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS SECTION 931. ALL REINFORCEMENT BARS SHALL BE GRADE 60.

UTILITIES:

LOCATIONS OF UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE.

PLAN DIMENSIONS:

ALL DIMENSIONS IN THESE PLANS ARE MEASURED IN FEET EITHER HORIZONTALLY OR VERTICALLY UNLESS NOTED OTHERWISE.

EXISTING STRUCTURE REMOVAL:

REMOVE SECTIONS OF DAMAGED RAILING AS SHOWN IN THE PLANS. REMOVAL SHALL BE PAID AS LUMP SUM.

EXISTING CONDITIONS:

DIMENSIONS SHOWN ARE BASED ON AVAILABLE INFORMATION AND ARE NOT GUARANTEED. VERIFICATION AND DETERMINATION OF ALL EXISTING CONDITIONS AT THE SITE SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE ORIGINAL PLANS FOR THE PIER ARE NOT AVAILABLE.

MANATEE CONDITIONS:

COMPLY WITH THE "STANDARD MANATEE CONDITIONS FOR IN-WATER WORK, 2011" PUBLISHED BY THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

BOAT TRAFFIC:

THE CONTRACTOR SHALL COMPLY WITH COAST GUARD REGULATIONS REGARDING MAINTENANCE OF BOAT TRAFFIC. A COPY OF THE CONTRACTOR'S PLAN, SCHEDULE, AND SEQUENCE OF OPERATIONS, APPROVED BY THE ENGINEER, SHALL BE SUBMITTED TO THE US COAST GUARD 60 DAYS PRIOR TO ANY WORK OVER THE WATERWAY. AT NO TIME DURING THE PIER REPLACEMENT WILL THE NAVIGATION IN THE CHANNEL NEAR THE PIER BE IMPACTED WITHOUT PRIOR NOTIFICATION AND APPROVAL OF THE COAST GUARD.

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION		1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-11	FLOATING TURBIDITY BARRIER	LF	1400
110-3	STRUCTURES, REMOVAL OF EXISTING	LS	1
401-70-5	RESTORE SPALLED AREAS	CF	13
515-23-11	PEDESTRIAN/BICYCLE RAILING, ALUMINIUM, 42", TYPE 1*	LF	300
550-2700 GANGWAY SYSTEM		LS	1
1050-16-001	UTILITY PIPE, REMOVE & DISPOSE, 0 - 1.9"	LF	707
1050-31-200	UTILITY PIPE-POLY VINYL CHLORIDE, SCHEDULE 80, FURNISH + INSTALL, WATER,	LF	707
1080-24-100	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 1"		5

				BESIGNES	
				DESIGNED	Pinellas (
				DRAWN	Pinelias
					County
١٥.	DATE	DESCRIPTION	REV. BY	CHECKED	PUBLIC WOF

PROJECT:

FORT DESOTO BAY
PIER REPAIRS

DESCRIPTION:

GENERAL NOTES

PUBLIC WORKS

14 SOUTH FORT HARRISON AVENUE,
CLEARWATER, FLORIDA 33756

APPROVED BY:

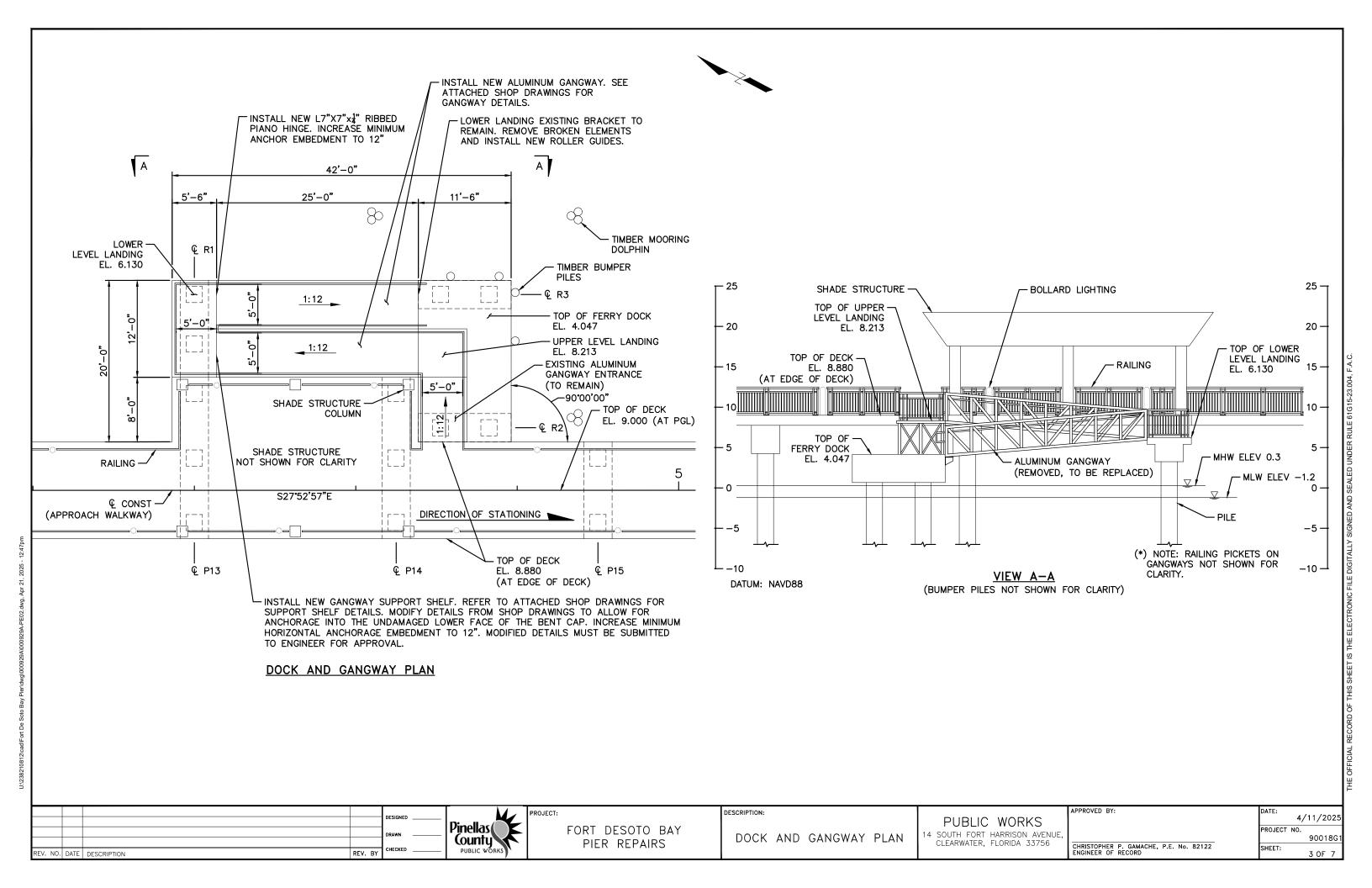
DATE: 4/11/2025

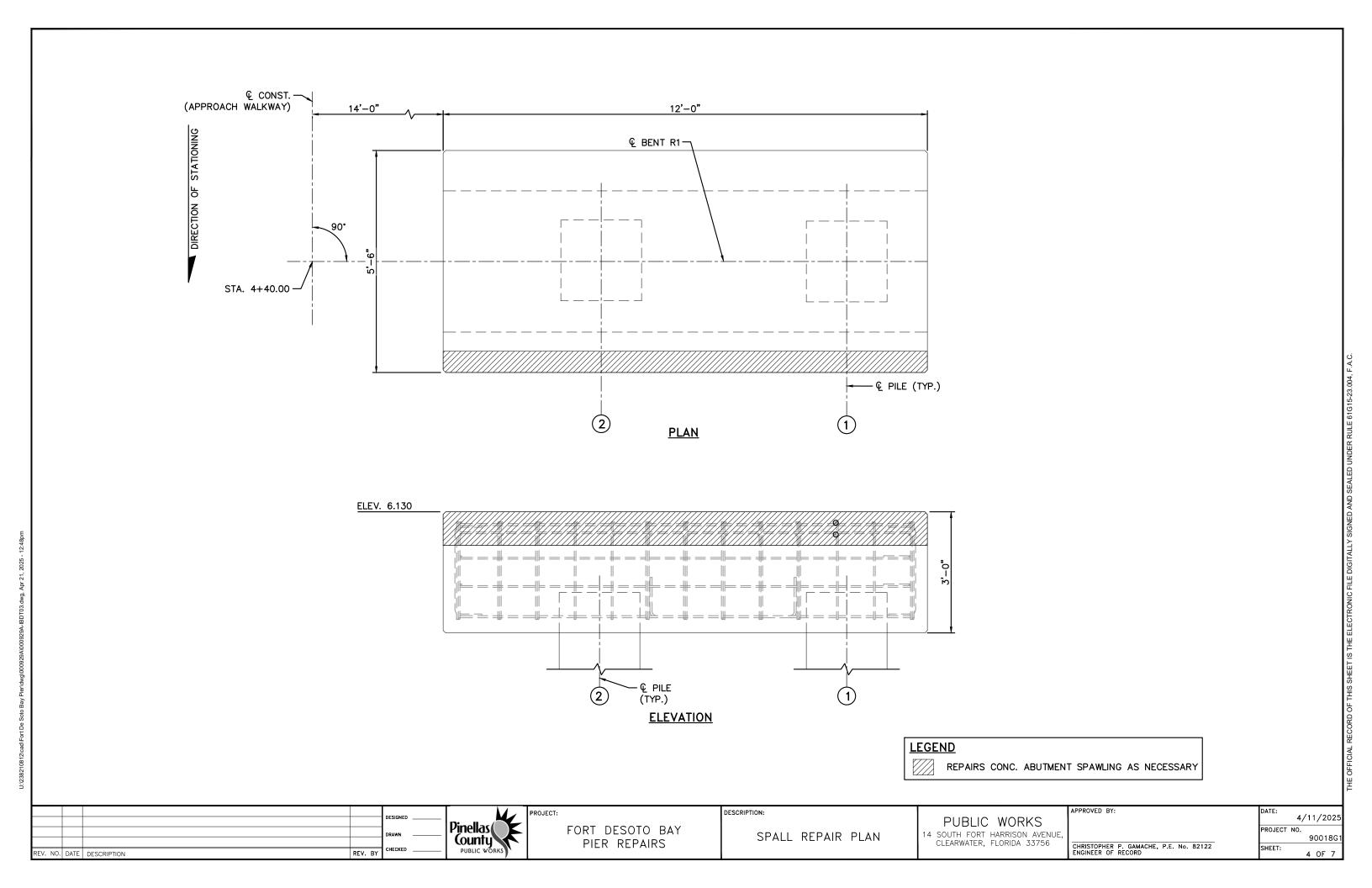
PROJECT NO. 90018G1

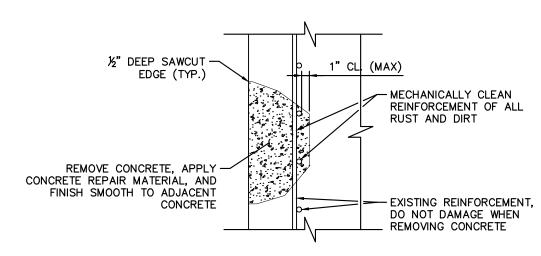
CHRISTOPHER P. GAMACHE, P.E. No. 82122
ENGINEER OF RECORD

DATE: 4/11/2025

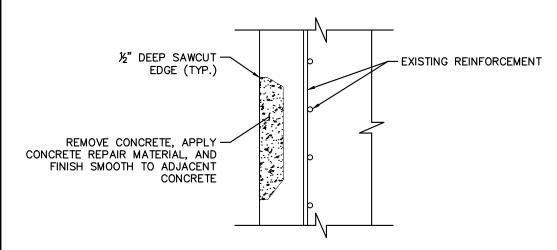
PROJECT NO. 90018G1





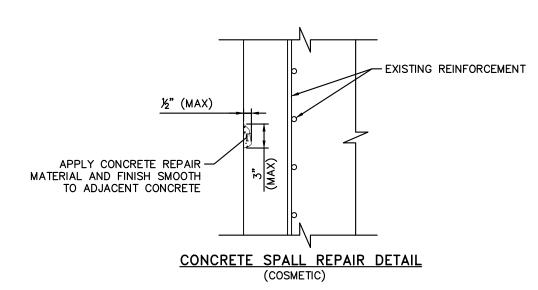


CONCRETE SPALL REPAIR DETAIL (WITH EXPOSED REINFORCING)



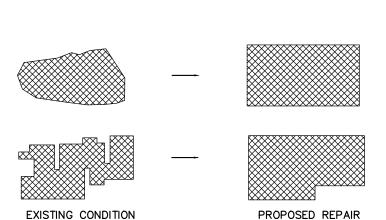
CONCRETE SPALL REPAIR DETAIL

(WITHOUT EXPOSED REINFORCING)



CONCRETE SPALL REPAIR NOTES:

- 1. DETAILS ARE APPLICABLE TO ALL ORIENTATIONS: HORIZONTAL (INCLUDING OVERHEAD) AND VERTICAL.
- 2. SPALL REPAIRS SHALL BE IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
- THE LOCATION AND LIMITS OF CONCRETE SPALL REPAIR SHALL BE IDENTIFIED AND MARKED IN THE FIELD IN THE PRESENCE OF THE ENGINEER PRIOR TO THE START OF WORK BY SOUNDING WITH A HAMMER.
- 4. THE $\mbox{\it 18}$ SAW CUTS ENCOMPASSING SPALLED AREAS SHALL BE RECTANGULAR IN NATURE WITH CORNERS AT RIGHT ANGLES. ADJACENT SPALLS SHALL BE JOINED INTO ONE REPAIR.
- 5. COSMETIC SPALL REPAIRS DO NOT REQUIRE A SAW CUT EDGE.
- IF REINFORCEMENT IS ENCOUNTERED DURING THE REMOVAL OF UNSOUND CONCRETE, THE REMOVAL SHALL UNDERCUT THE REINFORCEMENT UNTIL A MINIMUM 1" CLEARANCE BETWEEN THE EXPOSED REINFORCEMENT AND SURROUNDING CONCRETE IS ACHIEVED.
- REMOVE CONCRETE ALONG THE REINFORCING STEEL UNTIL THERE IS NO FURTHER DELAMINATION, CRACKING, OR SIGNIFICANT CORROSION AND THE REINFORCING STEEL IS WELL BONDED TO THE SURROUNDING CONCRETE.
- 8. CLEAN EXPOSED REINFORCEMENT AND THE BOND SURFACE OF THE CONCRETE WITH ABRASIVE OR HIGH-PRESSURE WATER BLASTING.
- 9. PROVIDE A 34" CHAMFER ON ALL EXPOSED EDGES.
- 10. SPALLED AREAS SHALL BE FINISHED SMOOTH TO MATCH THE LINE AND SHAPE OF ADJACENT SURFACES.



AT EDGE LOCATION PROVIDE RIGHT ANGLE CUTS. NO FEATHER EDGES. PATCH CONFIGURATIONS SHALL BE KEPT AS SIMPLE AS POSSIBLE

SPALL REPAIR DETAILS

PREFERRED SPALL PATCH CONFIGURATION

County REV. BY V. NO. DATE DESCRIPTION

Pinellas (

FORT DESOTO BAY PIER REPAIRS

PROJECT:

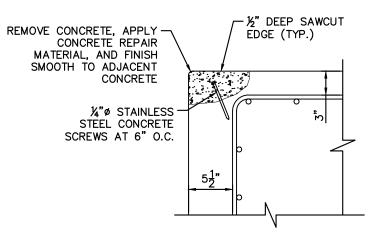
DESCRIPTION:

14 SOUTH FORT HARRISON AVENUE CLEARWATER, FLORIDA 33756

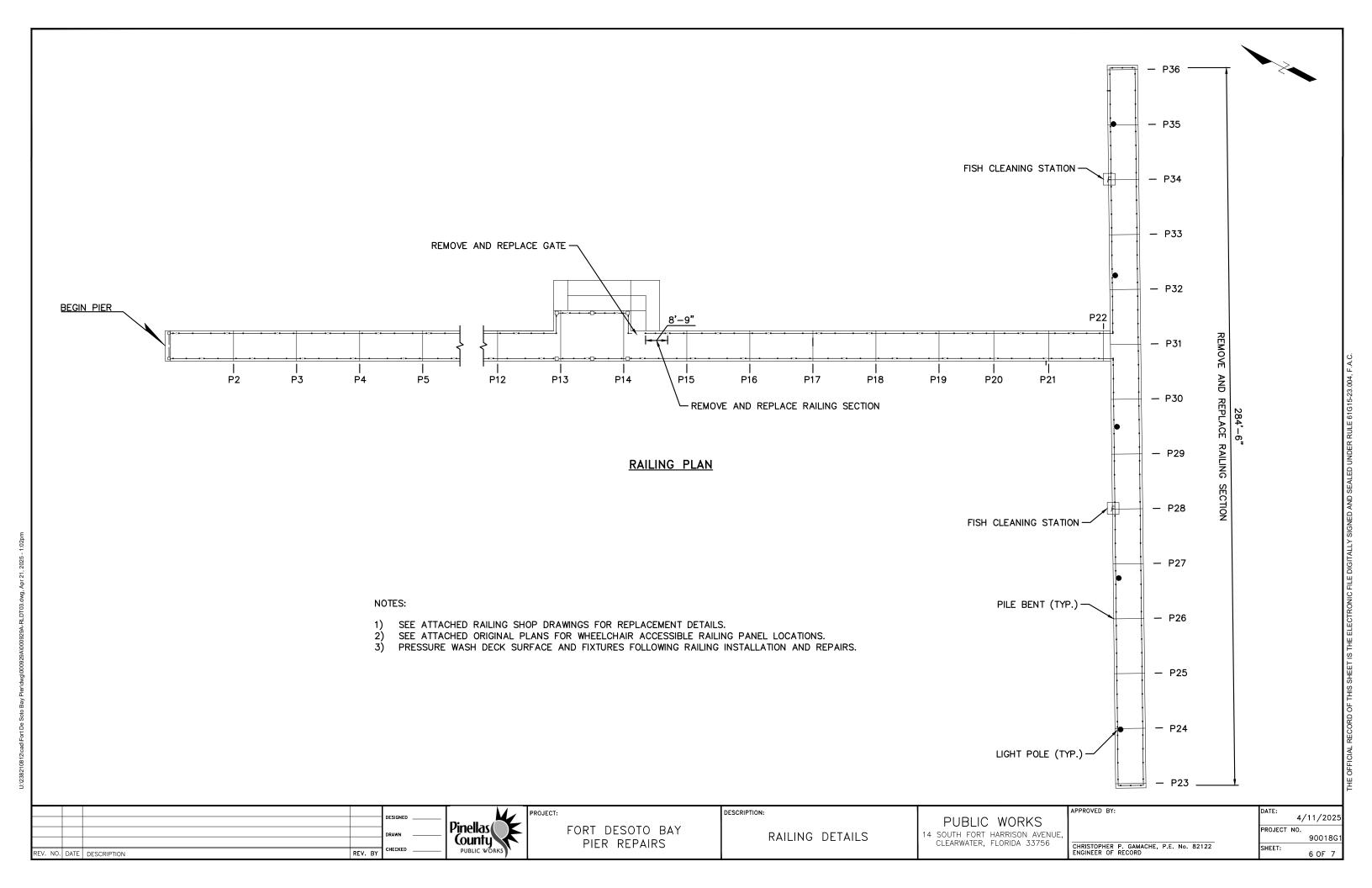
PUBLIC WORKS

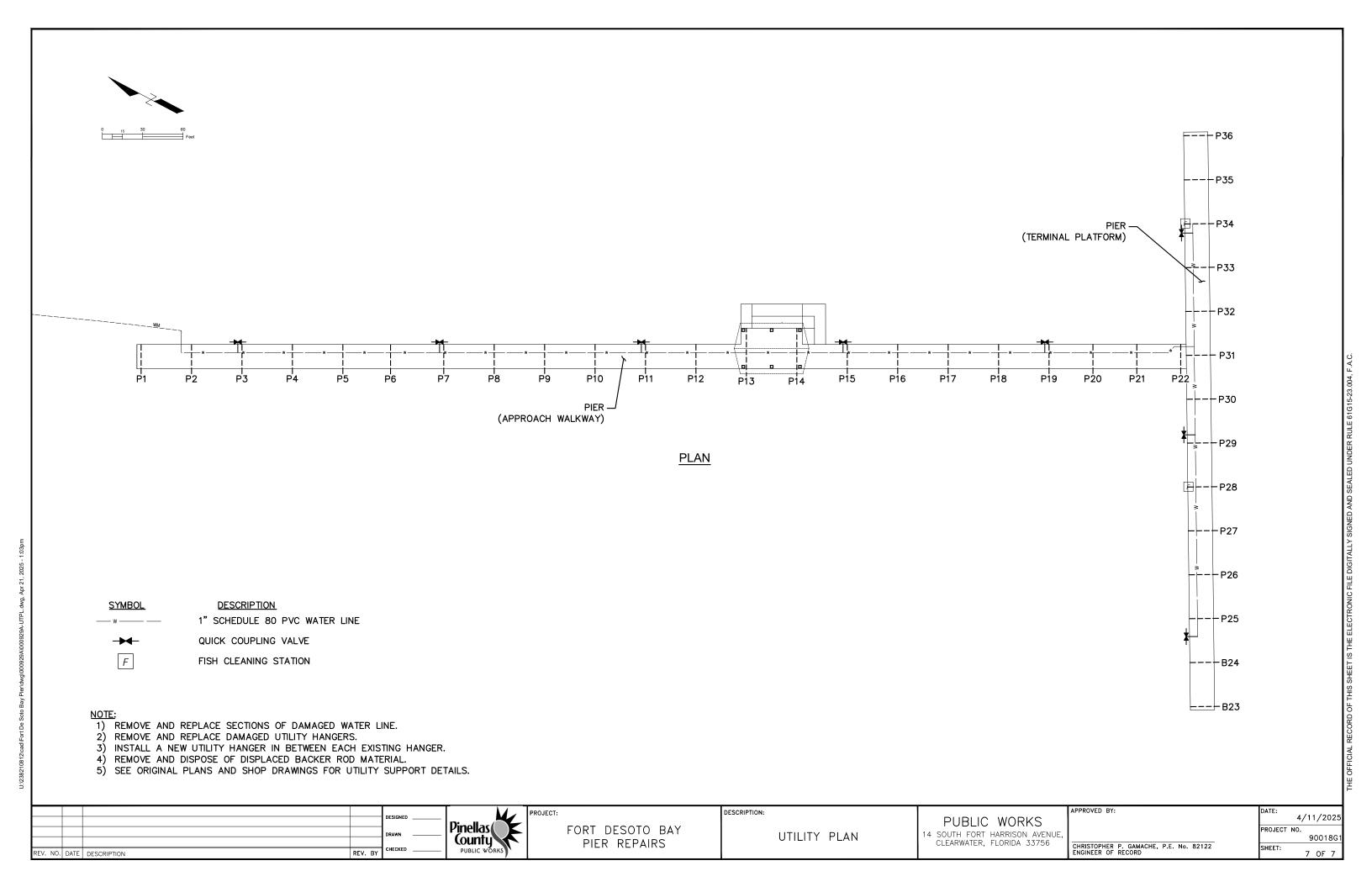
4/11/2025 ROJECT NO. 90018G1 CHRISTOPHER P. GAMACHE, P.E. No. 82122 ENGINEER OF RECORD SHEET:

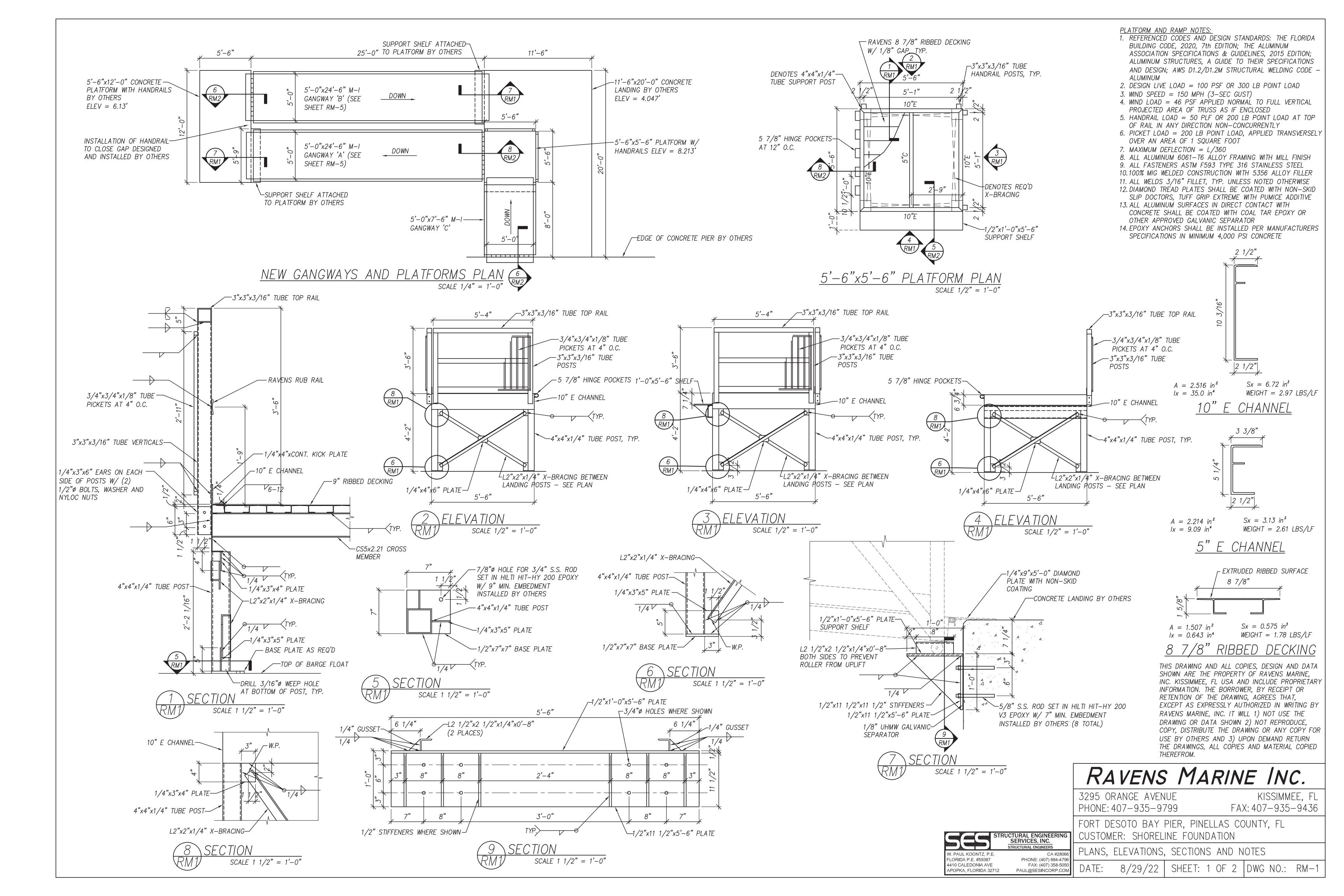
5 OF 7

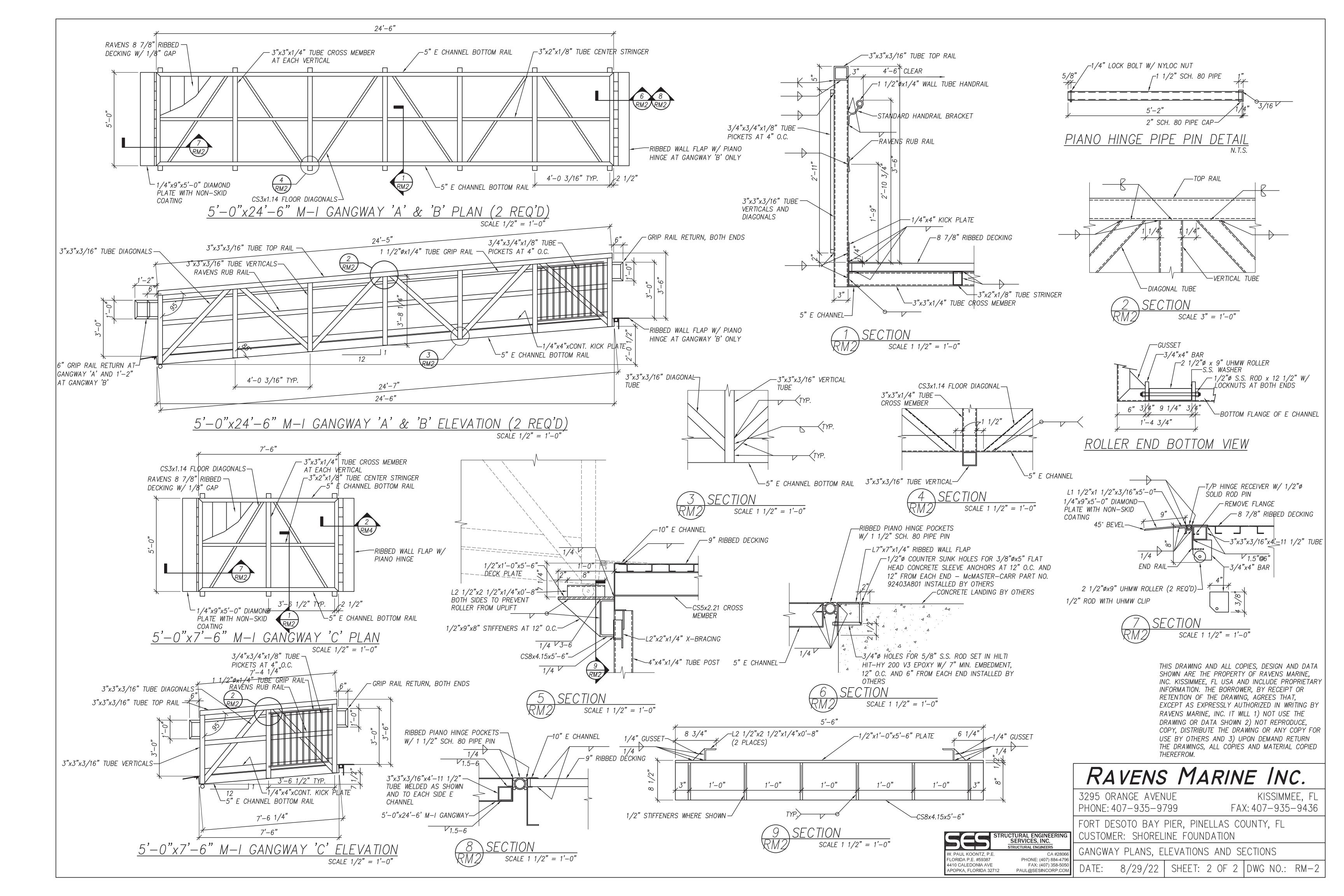


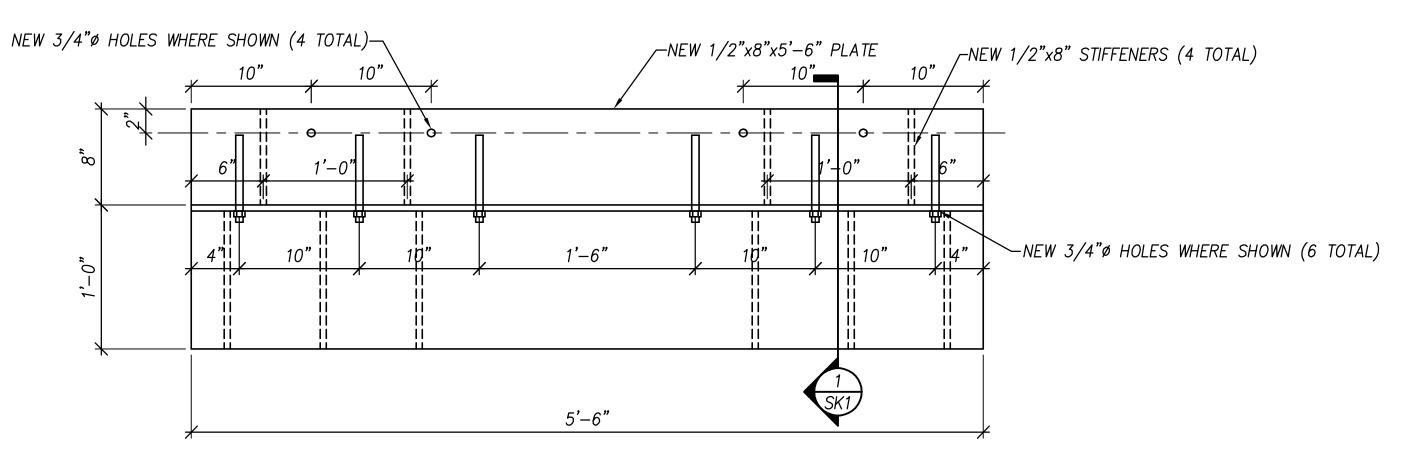
TYPICAL CORNER SPALL REPAIR DETAIL (WITHOUT EXPOSED REINFORCING)



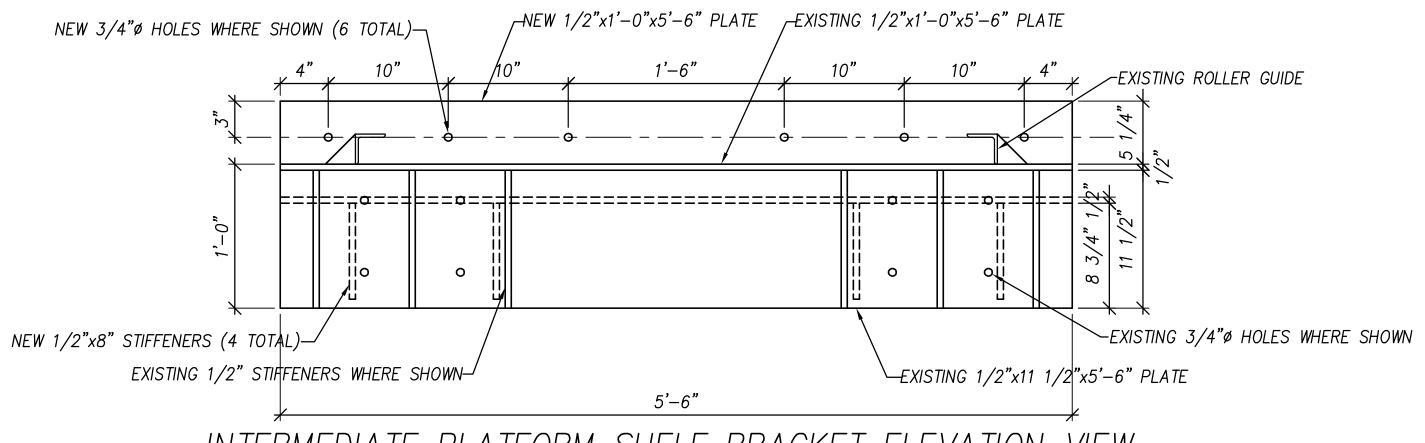




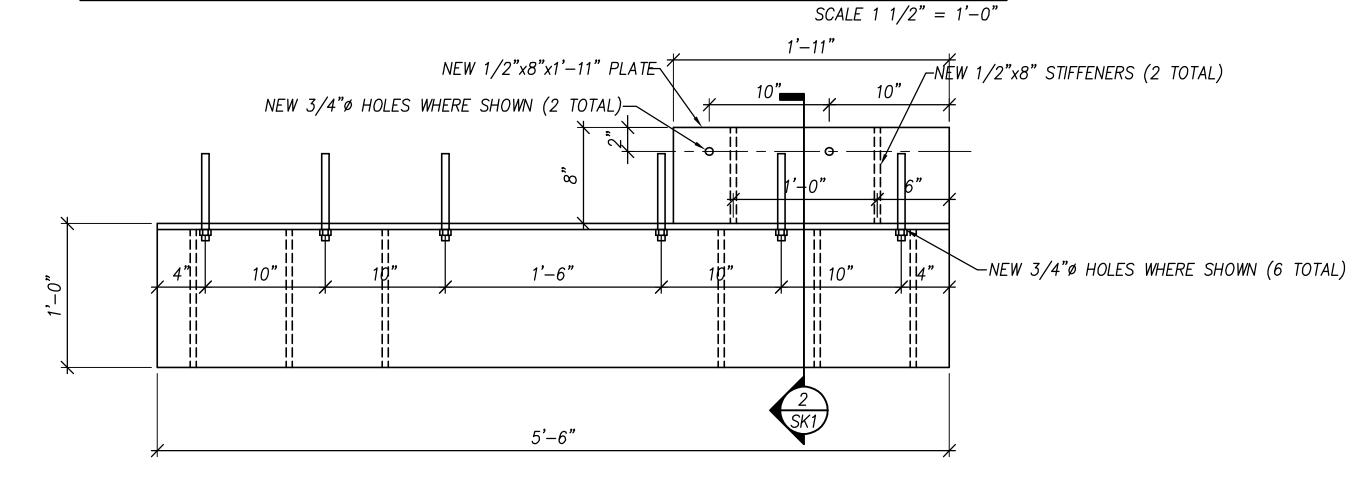




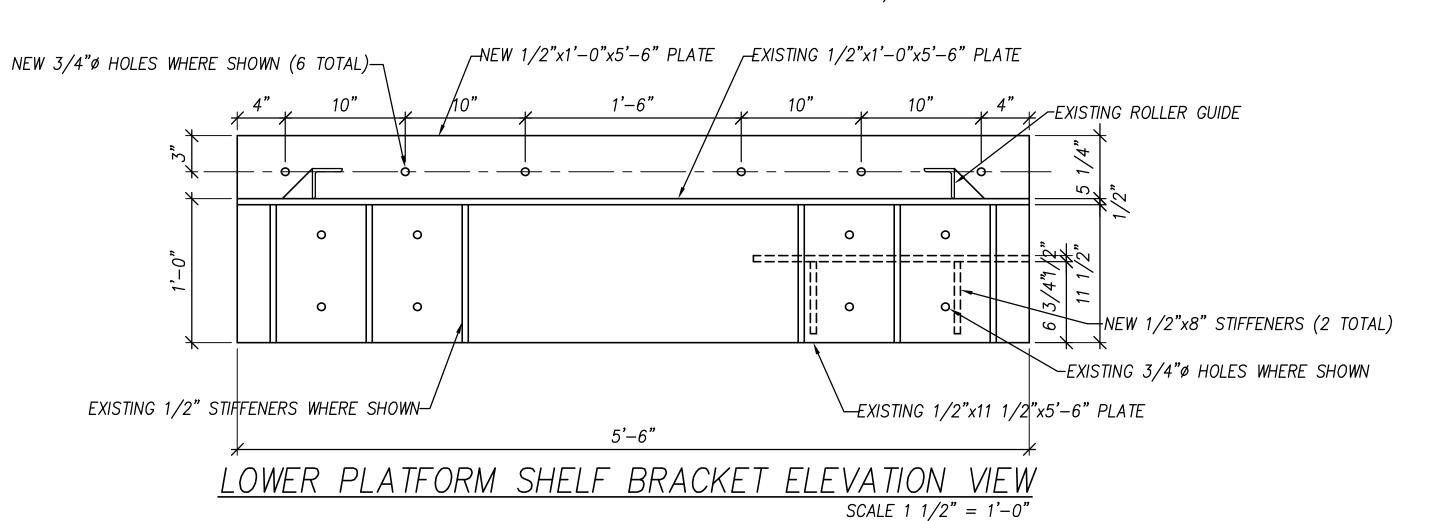
INTERMEDIATE PLATFORM SHELF BRACKET PLAN VIEW SCALE 1 1/2" = 1'-0"



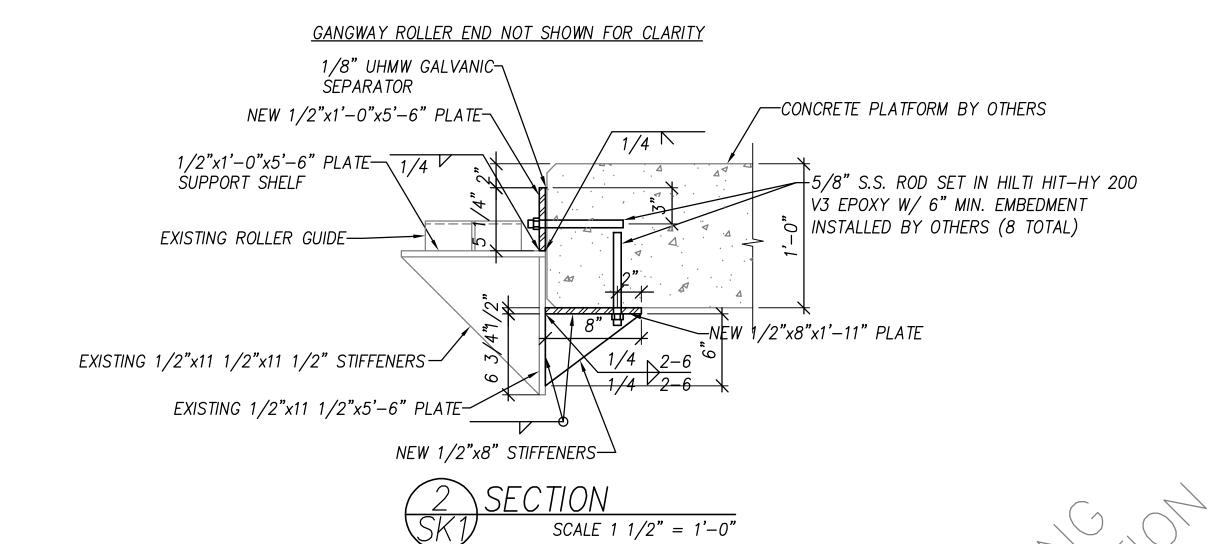
INTERMEDIATE PLATFORM SHELF BRACKET ELEVATION VIEW



LOWER PLATFORM SHELF BRACKET PLAN VIEW SCALE 1 1/2" = 1'-0"



GANGWAY ROLLER END NOT SHOWN FOR CLARITY 1/8" UHMW GALVANIC-ŚEPARATOR -CONCRETE PLATFORM BY OTHERS NEW 1/2"x1'-0"x5'-6" PLATE-1/4 1/2"x1'-0"x5'-6" PLATE-1/4 V SUPPORT SHELF 5/8" S.S. ROD SET IN HILTI HIT—HY 200 V3 EPOXY W/ 6" MIN. EMBEDMENT (10 TOTAL) EXISTING ROLLER GUIDE— ~NEW 1/2"x8"x5'−6" PLATE EXISTING 1/2"x11 1/2"x11 1/2" STIFFENERS-EXISTING 1/2"x11 1/2"x5'-6" PLATE NEW 1/2"x8" STIFFENERS— SCALE $1 \frac{1}{2} = 1'-0''$



FLORIDA P.E. #59387 4410 CALEDONIA AVE

APOPKA, FLORIDA 32712

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RAVENS MARINE INC.

3295 ORANGE AVENUE PHONE: 407-935-9799

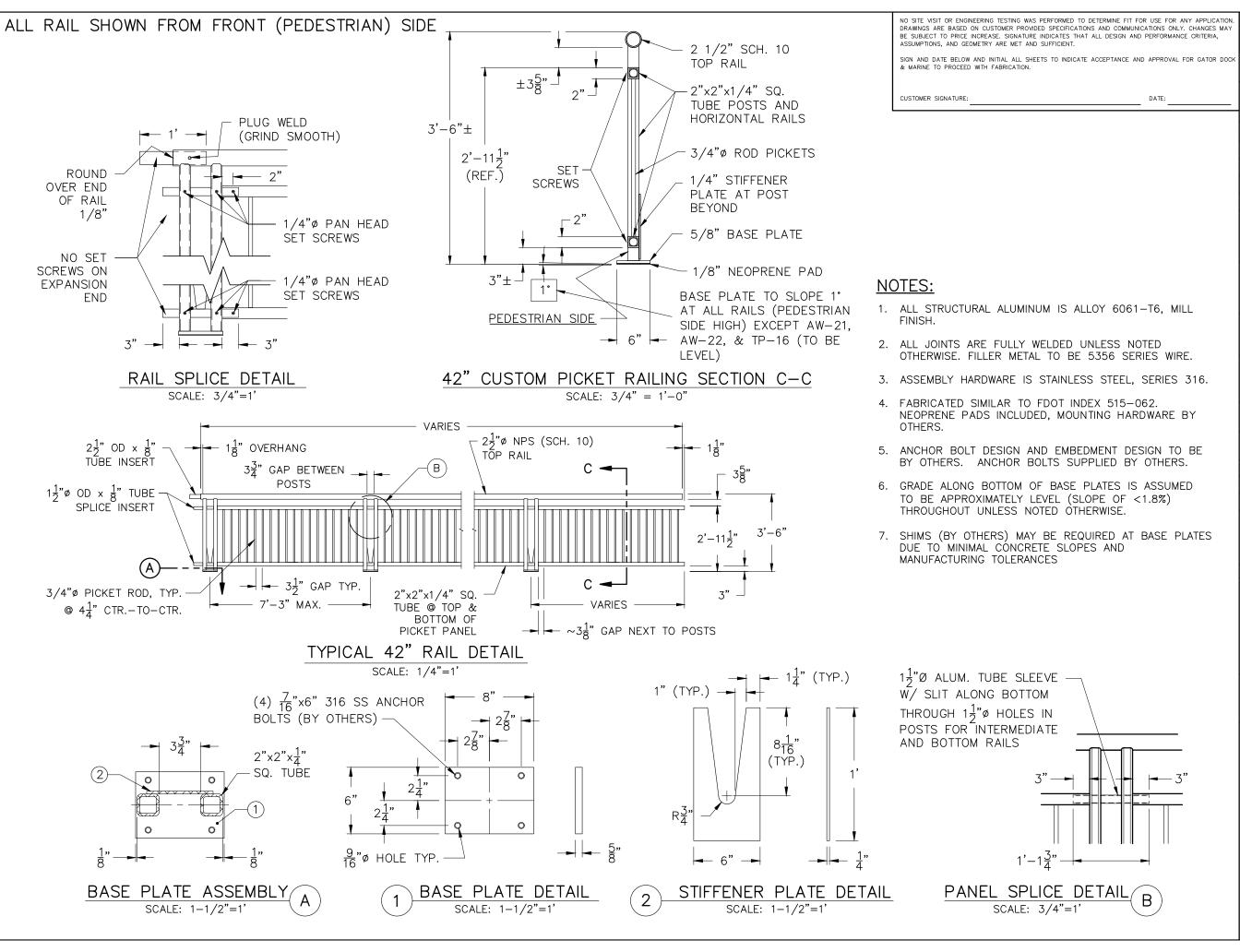
KISSIMMEE, FL FAX: 407-935-9436

FORT DESOTO BAY PIER, PINELLAS COUNTY, FL CUSTOMER: SHORELINE FOUNDATION STRUCTURAL ENGINEERING SERVICES, INC.

SHELF BRACKETS MODIFICATIONS

PHONE: (407) 884-4796 FAX: (407) 358-5050 4/4/23 PAUL@SESINCORP.COM

SHEET: 1 OF 1 DWG NO.: SK-1





2880 MELLONVILLE AVE, SANFORD, FL 32773 800/256-8857 407/323-0190

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RECORD OF REVISIONS No. DATE DESCRIPTION: 3 03/09/23 FOR FABRICATION 4 03/29/23 PHASE 2 FOR APPROVAL FOR APPROVAL FOR APPROVAL

PROJECT NAME:

FORT DeSOTO PIER SHORELINE FOUNDATION

CUSTOMER NAME:

GIRALT ENTERPRISES, INC.

customer address: 12260 SW 94th STREET, MIAMI, FL 33186

PROJECT LOCATION:

CUSTOMER PICK-UP

(SHORELINE FOUNDATION)

CMI ORDER NO.: 157079

CUST. PO NO.:

9710

 NAME
 DATE

 DRAWN BY:
 GH
 02/10/23

 CHECKED BY:
 02/10/23

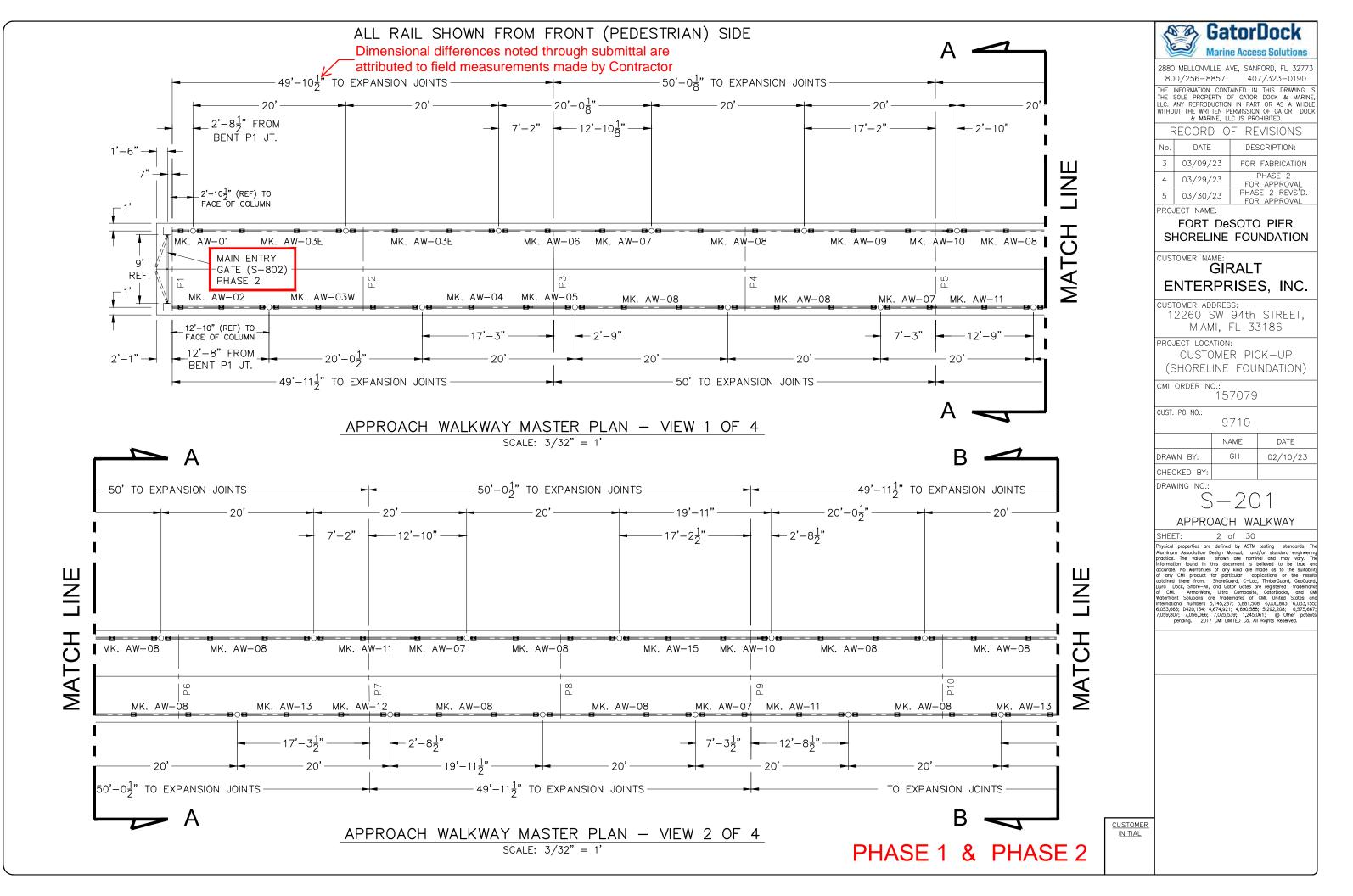
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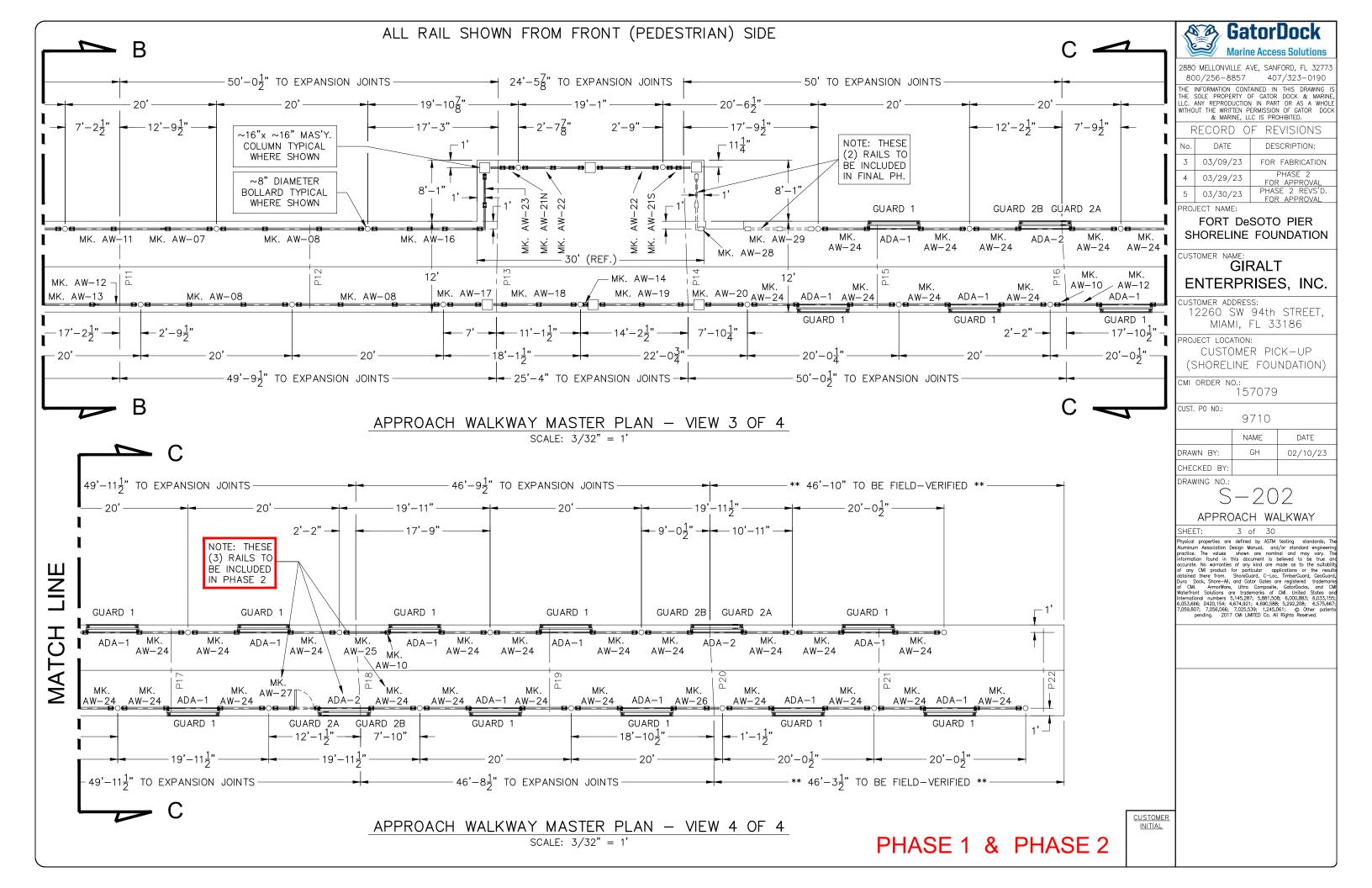
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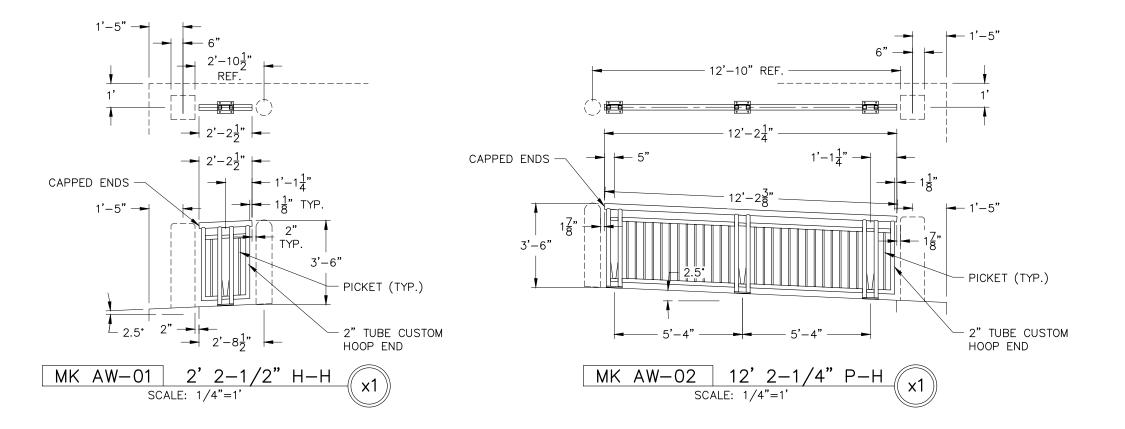
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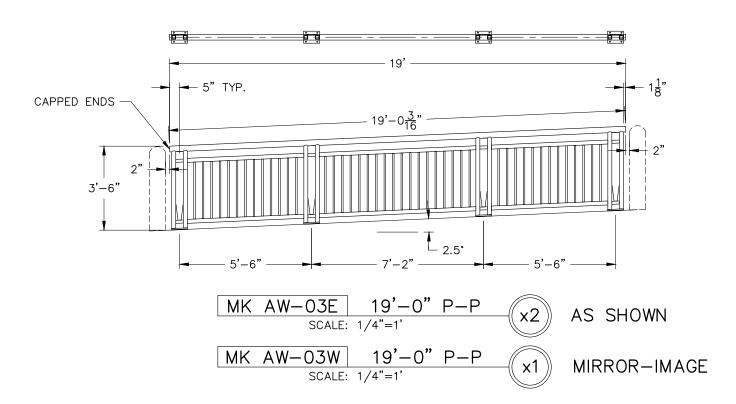
1 of 30

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GatorDock
Marine Access Solutions

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RECORD OF REVISIO			F REVISIONS
	No.	DATE	DESCRIPTION:
	3 03/09/23		FOR FABRICATION
	4	03/29/23	PHASE 2 FOR APPROVAL
	5	03/30/23	PHASE 2 REVS'D. FOR APPROVAL

PROJECT NAME:

FORT DeSOTO PIER SHORELINE FOUNDATION

CUSTOMER NAME:

GIRALT ENTERPRISES, INC.

customer address: 12260 SW 94th STREET, MIAMI, FL 33186

PROJECT LOCATION:

CUSTOMER PICK-UP

(SHORELINE FOUNDATION)

CMI ORDER NO .:

157079

CUST. PO NO.:

9710

 NAME
 DATE

 DRAWN BY:
 GH
 02/10/23

CHECKED BY:

DRAWING NO.:

S - 301

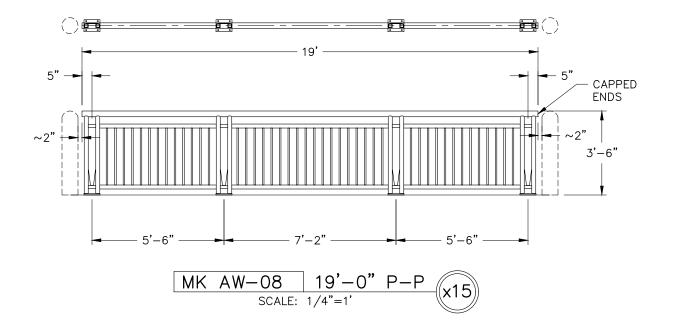
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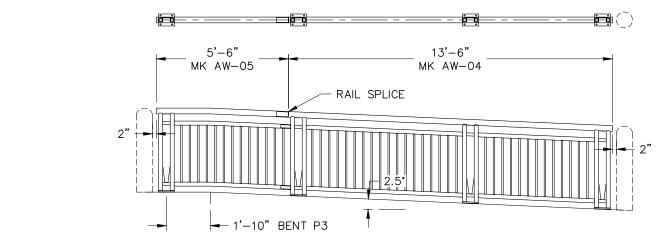
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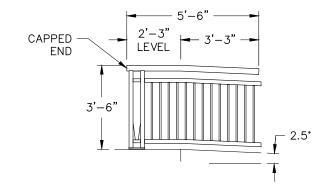
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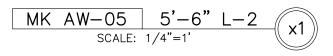
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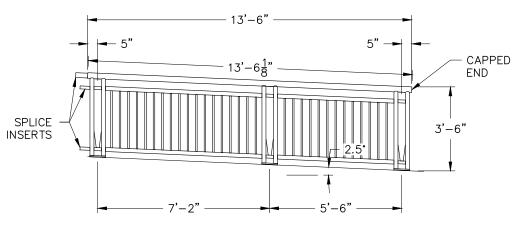
PHASE 1











MK AW-04 13'-6" L-1

SCALE: 1/4"=1'

PHASE 1

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Marine Access Solutions

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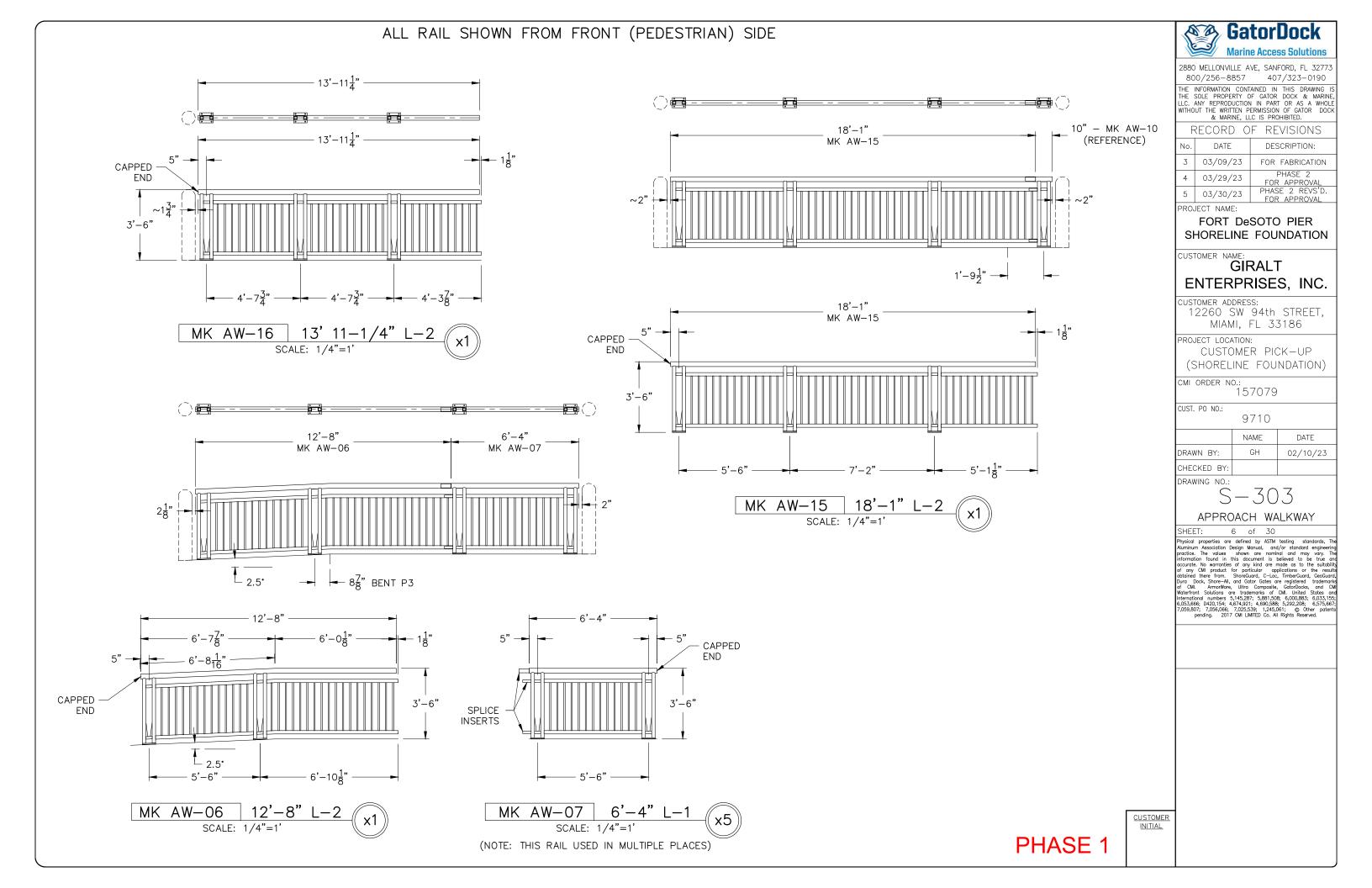
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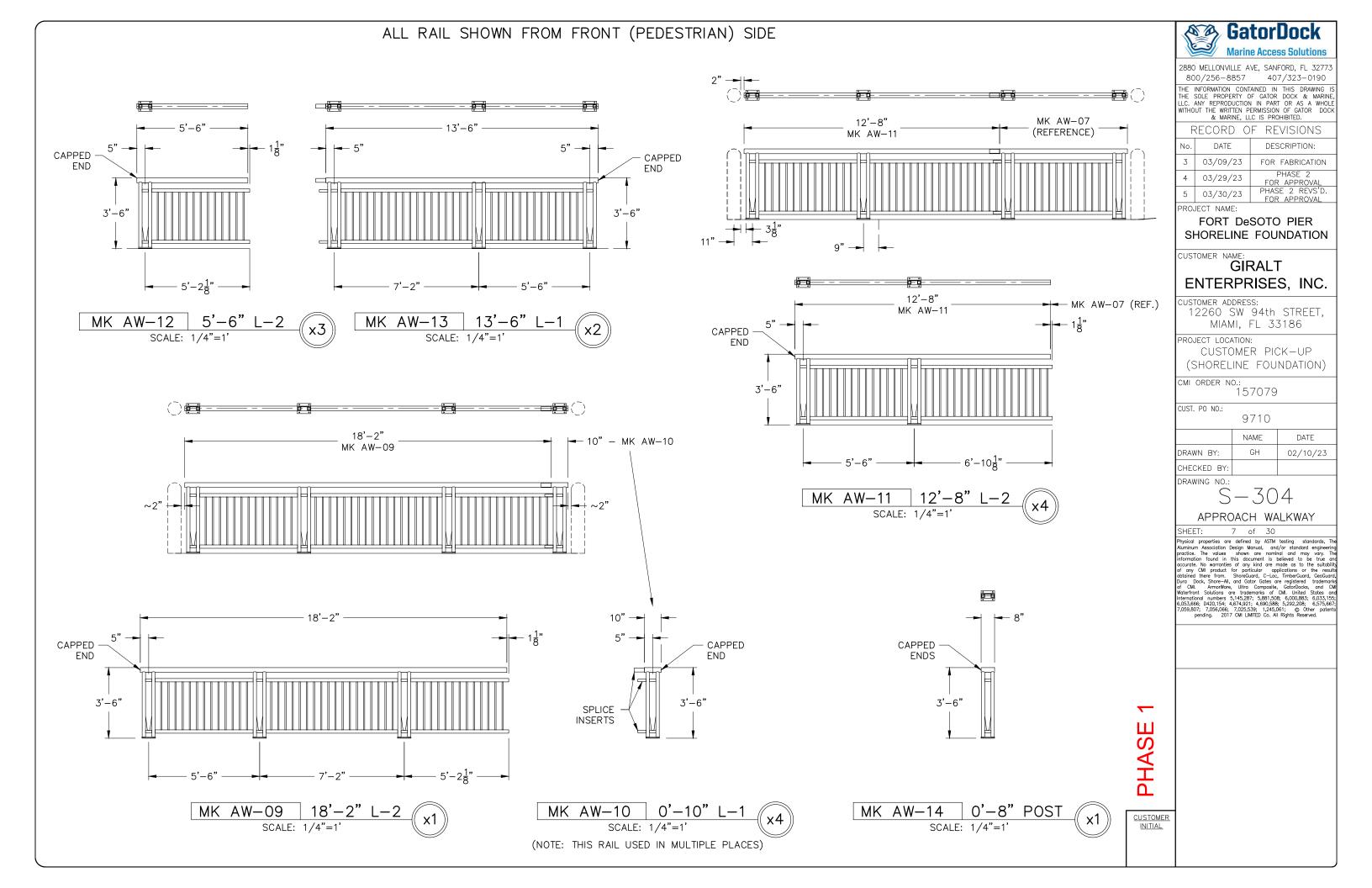
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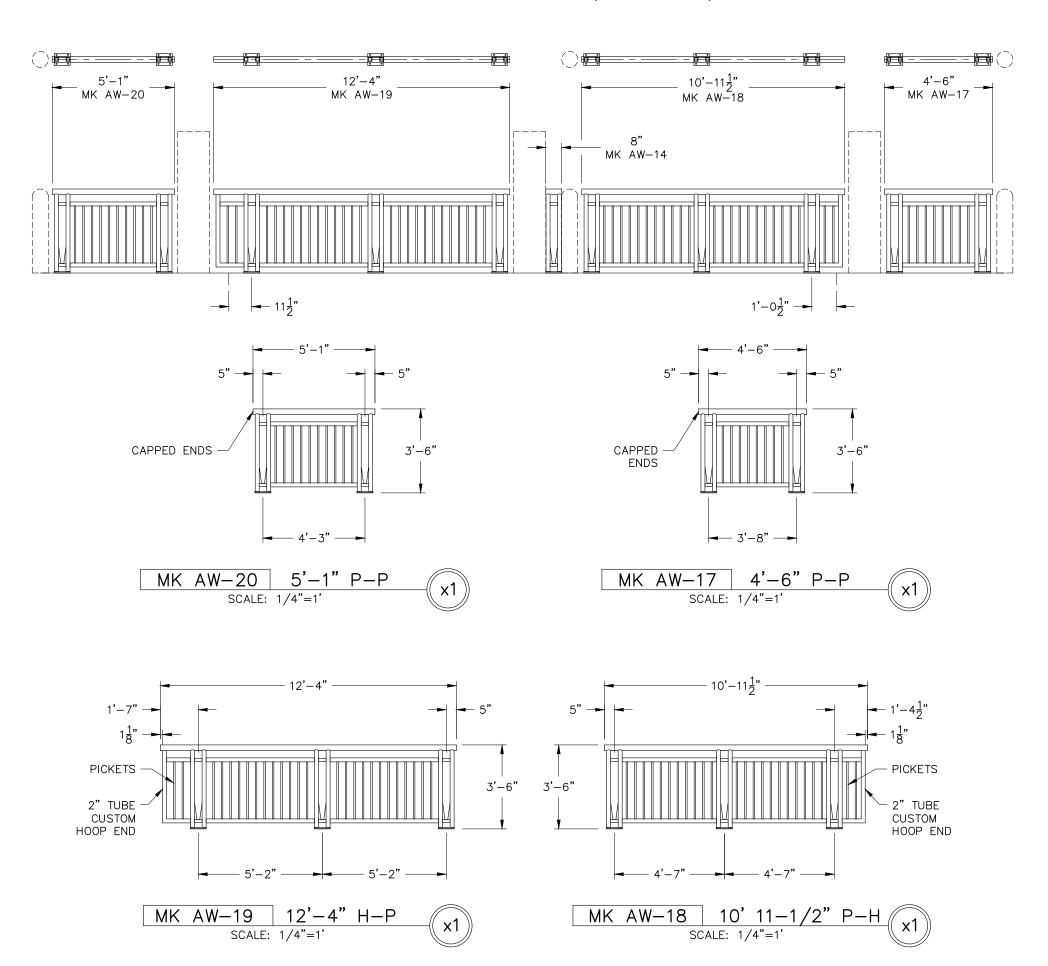
APPROACH WALKWAY

5 of 30

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CUSTOMER PICK—UP

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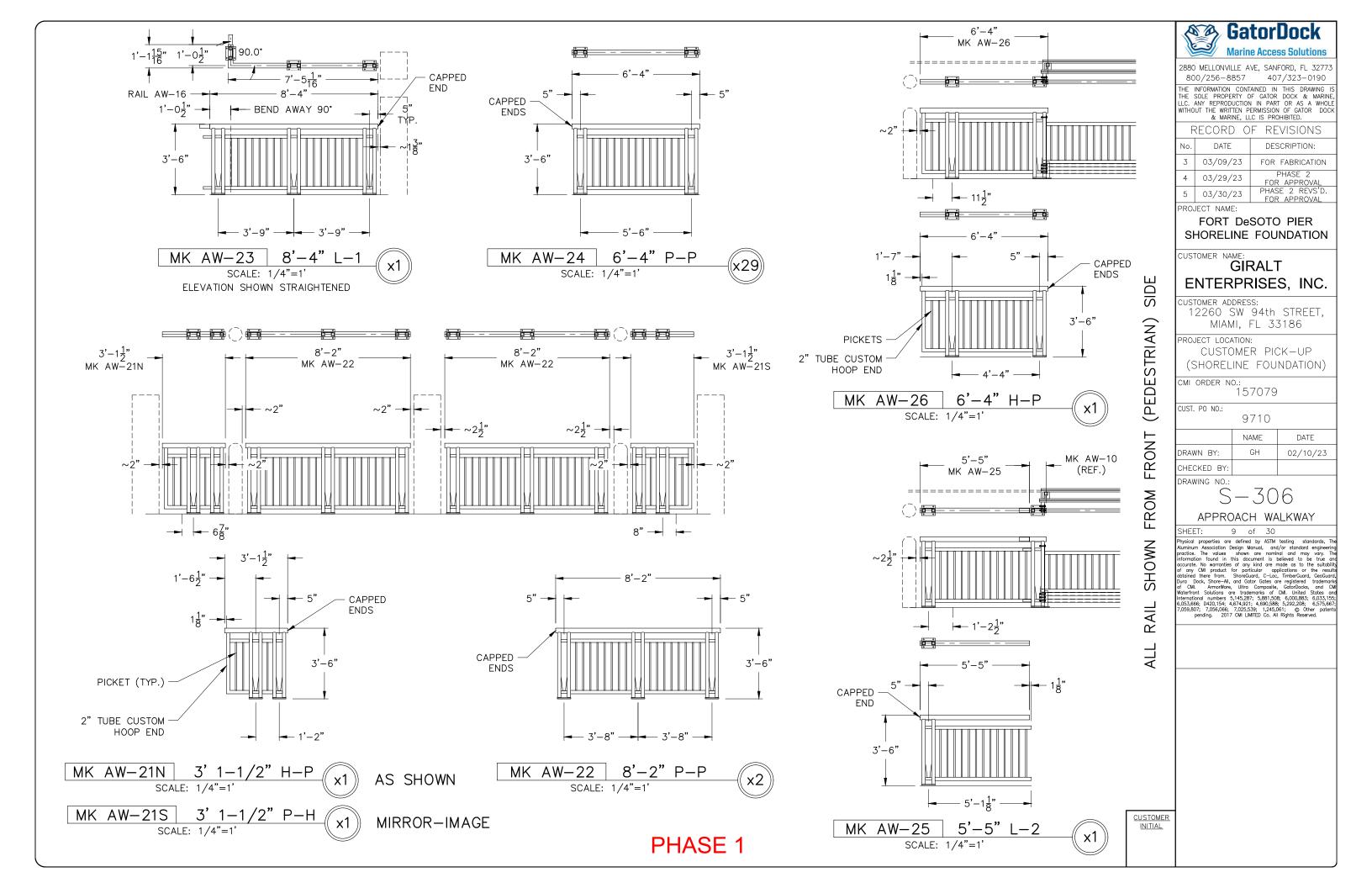
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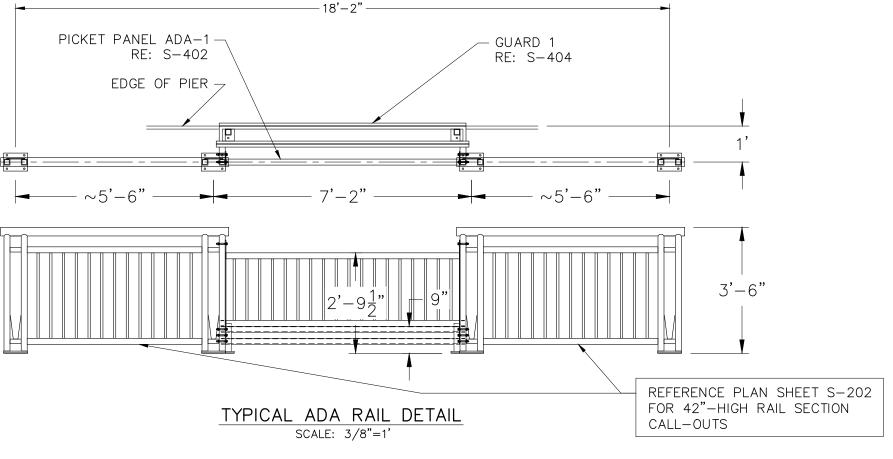
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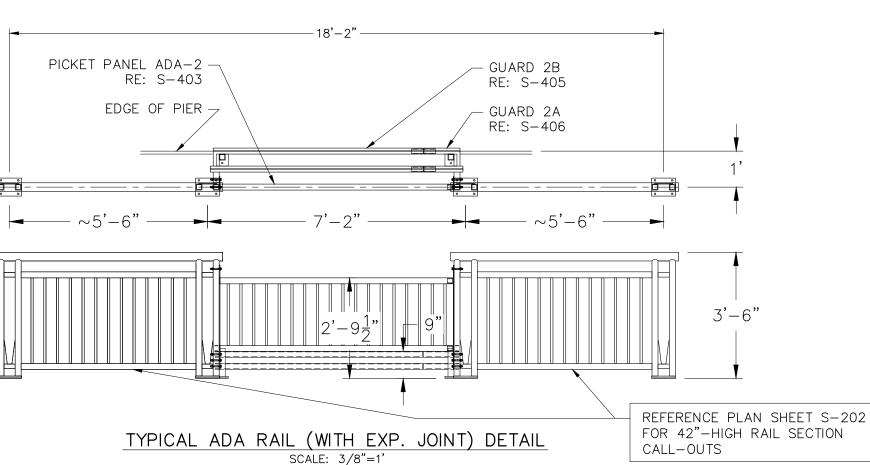
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PHASE 1







PHASE 1



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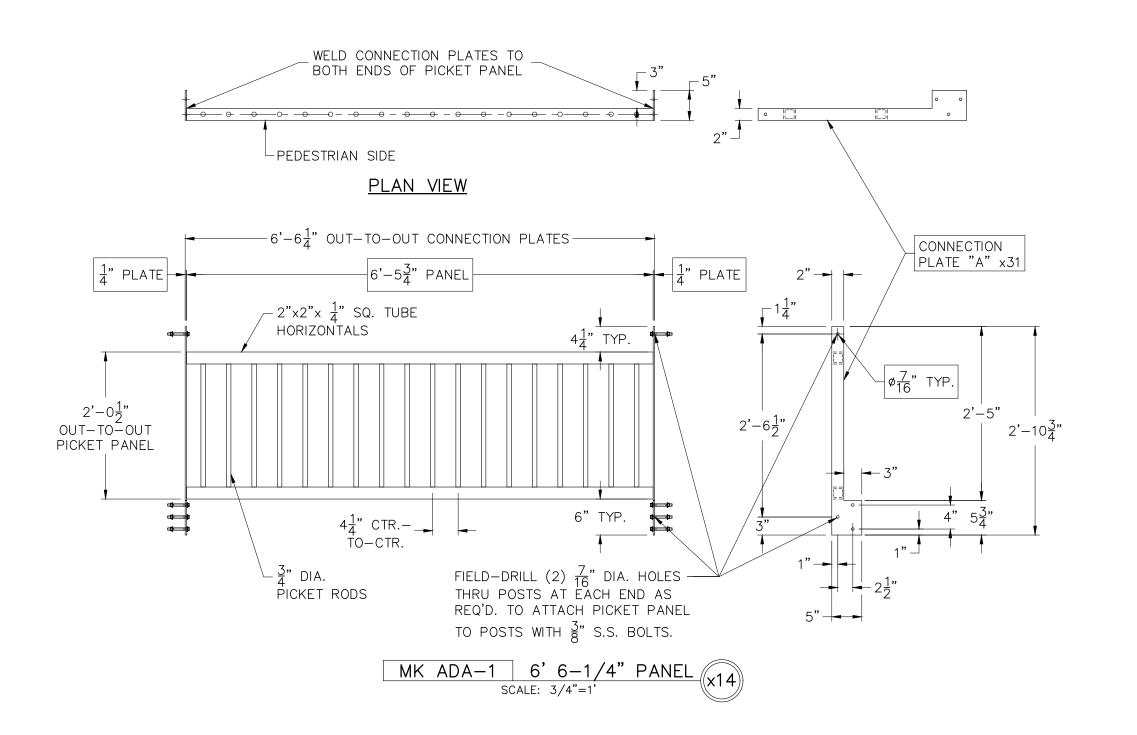
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APPROACH WALKWAY

Γ: 10 of 30

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FORT DeSOTO PIER SHORELINE FOUNDATION

CUSTOMER NAME:

GIRALT ENTERPRISES, INC.

CUSTOMER ADDRESS: 12260 SW 94th STREET, MIAMI, FL 33186

PROJECT LOCATION: CUSTOMER PICK-UP (SHORELINE FOUNDATION)

CMI ORDER NO .:

157079

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DATE 02/10/23 DRAWN BY: CHECKED BY:

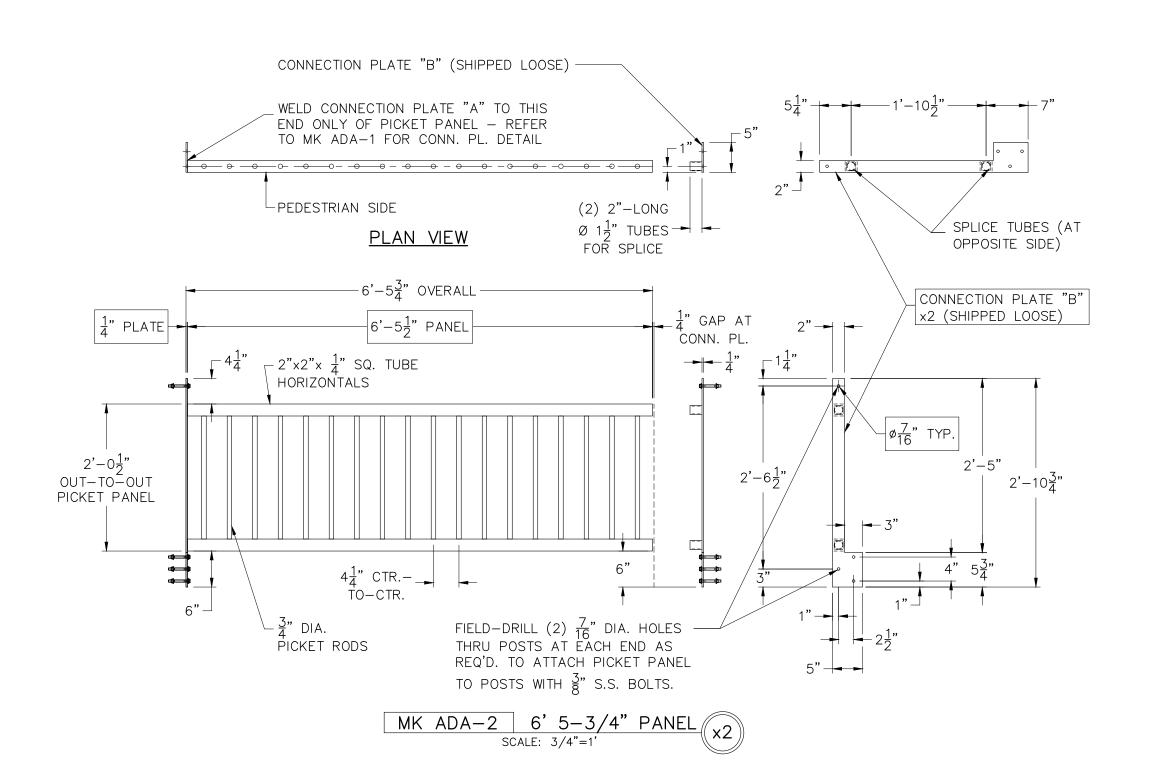
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APPROACH WALKWAY

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CHECKED BY: DRAWING NO.:

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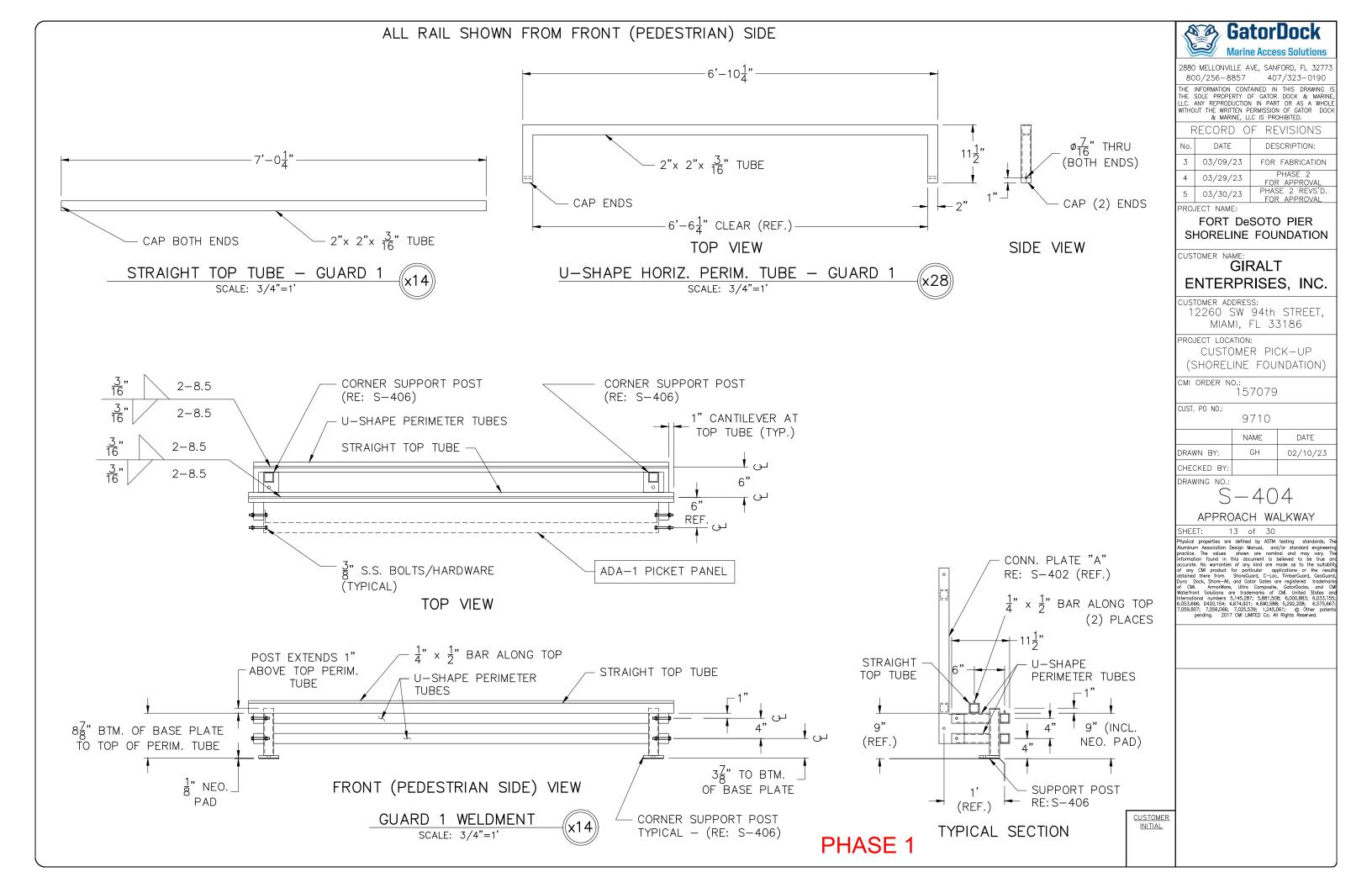
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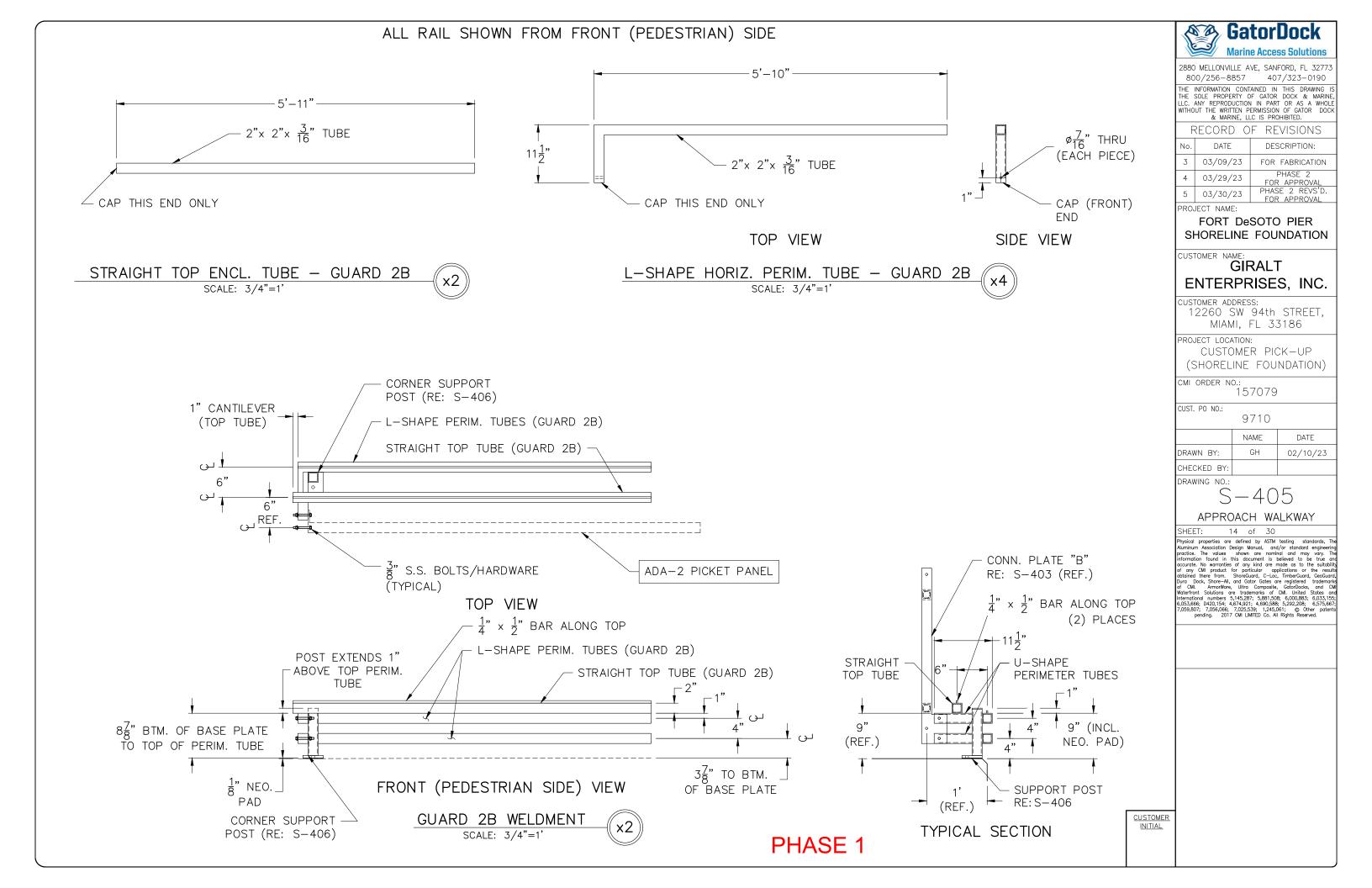
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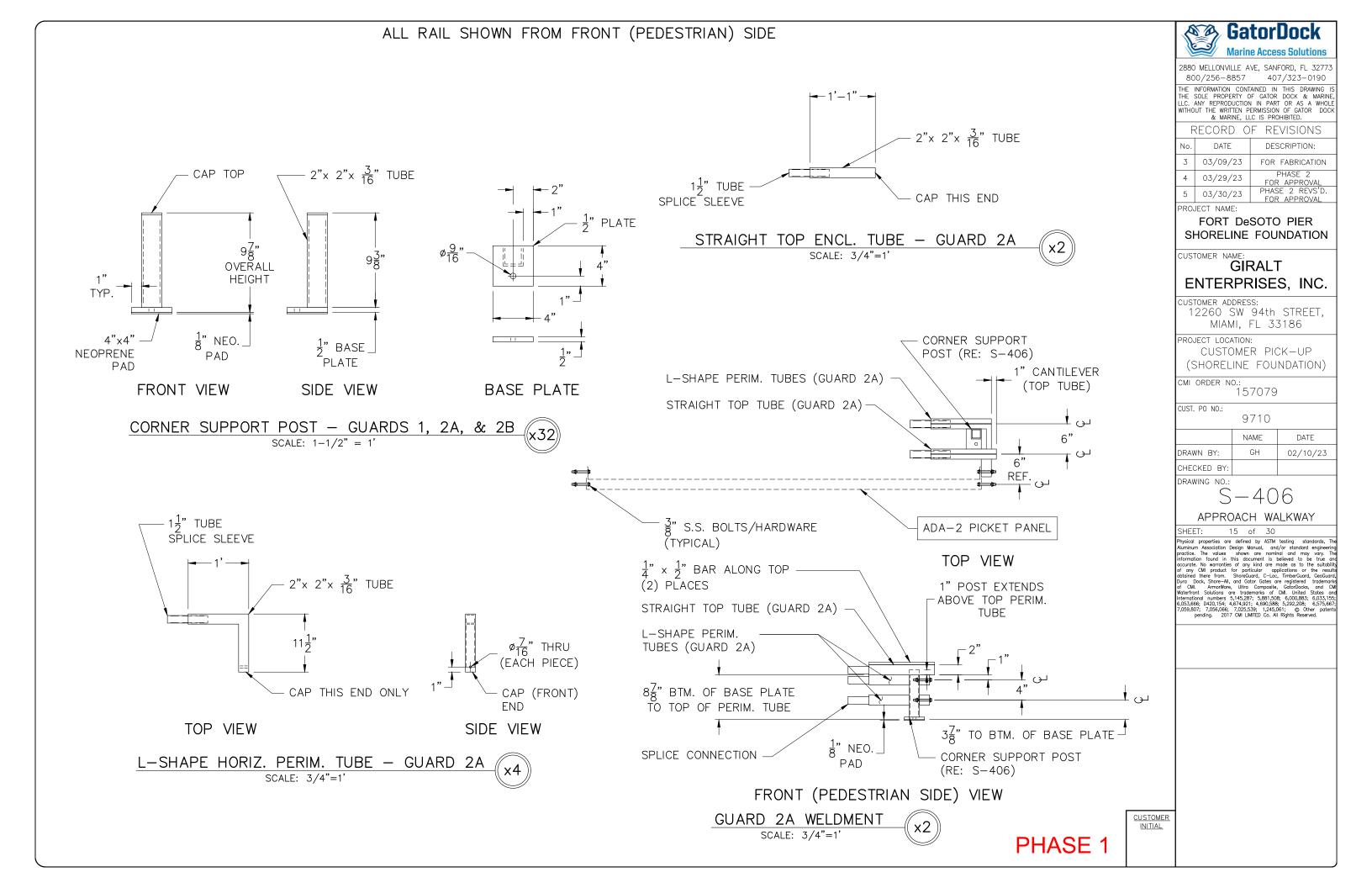
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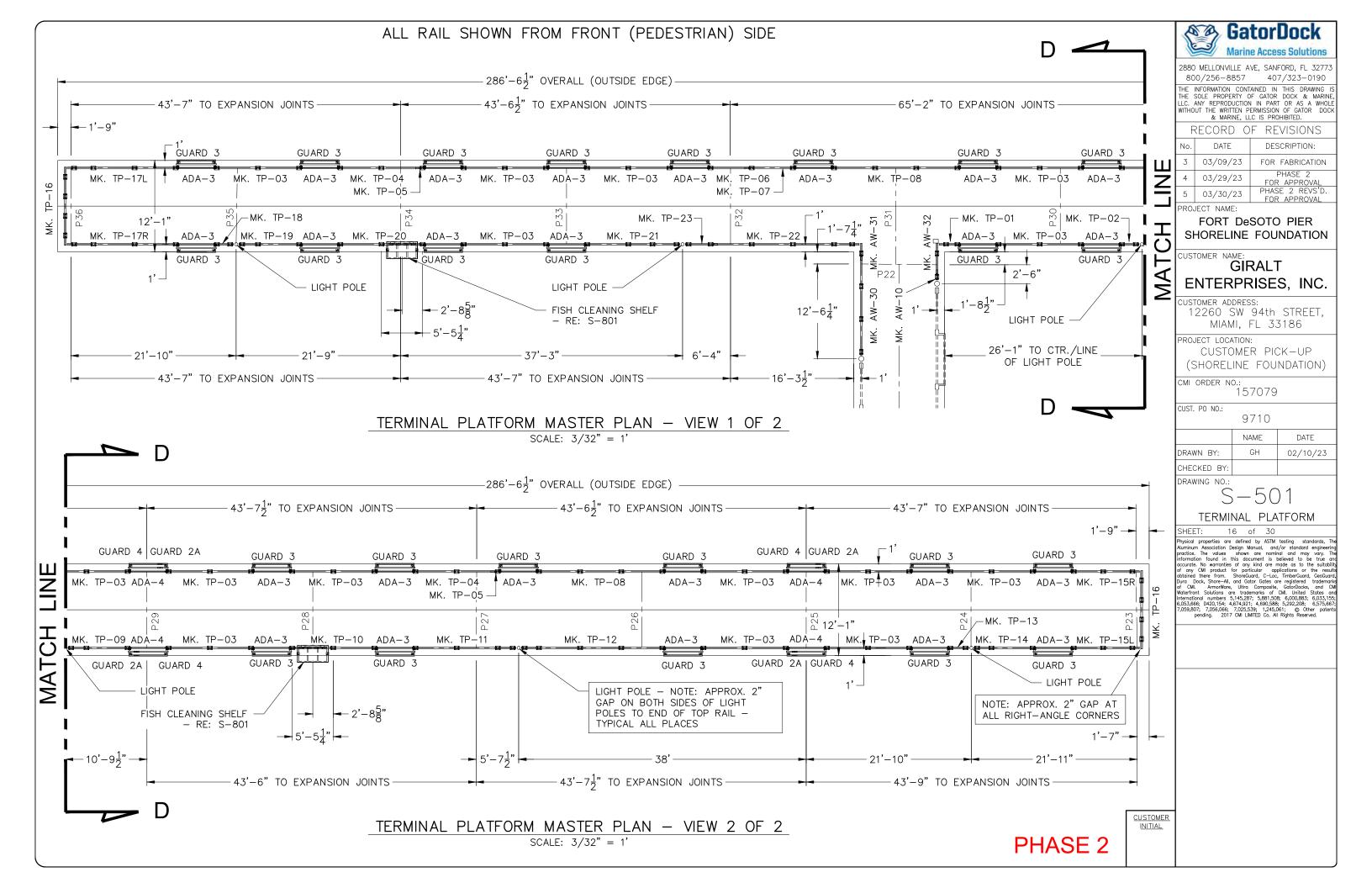
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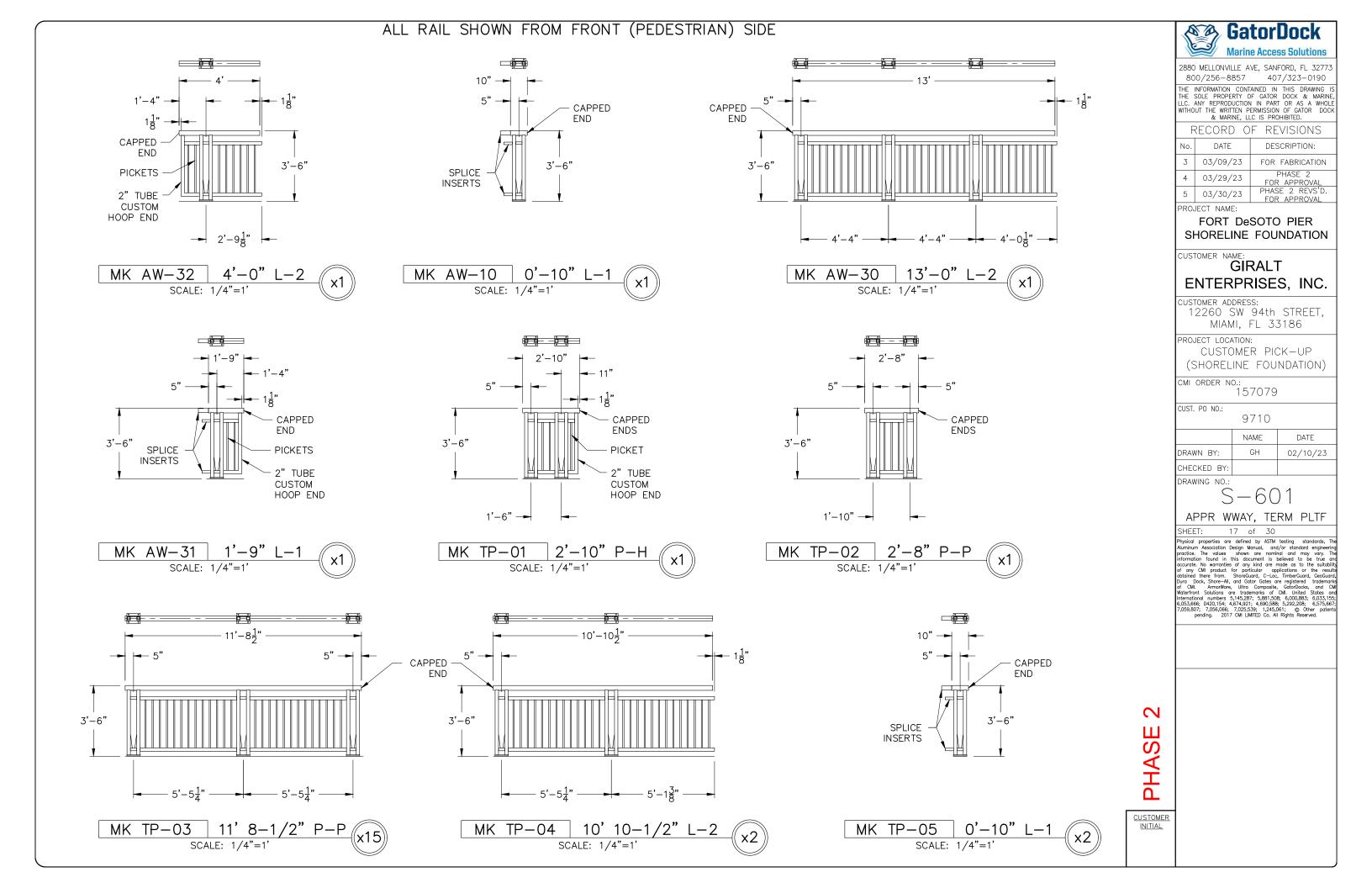
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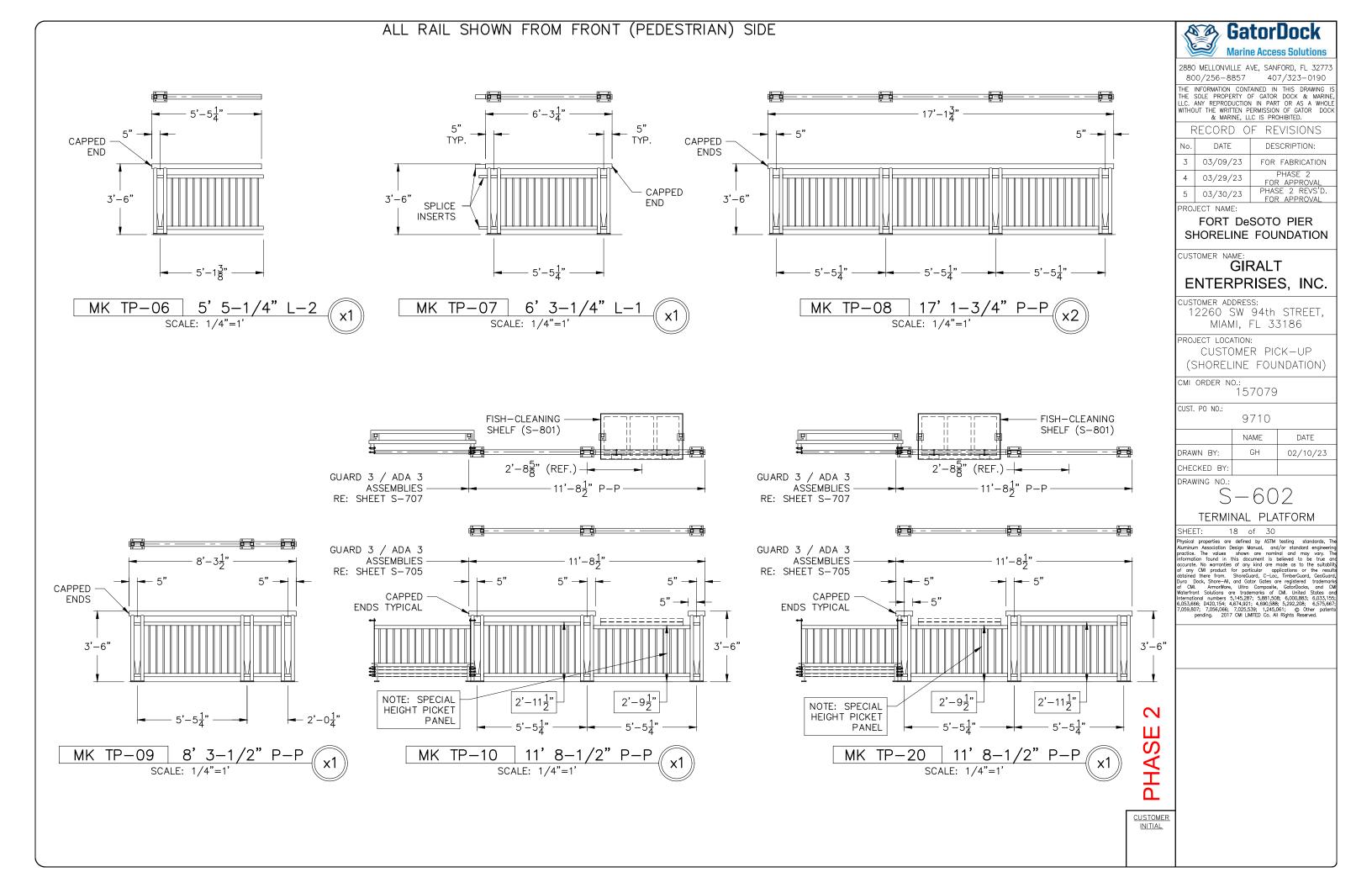


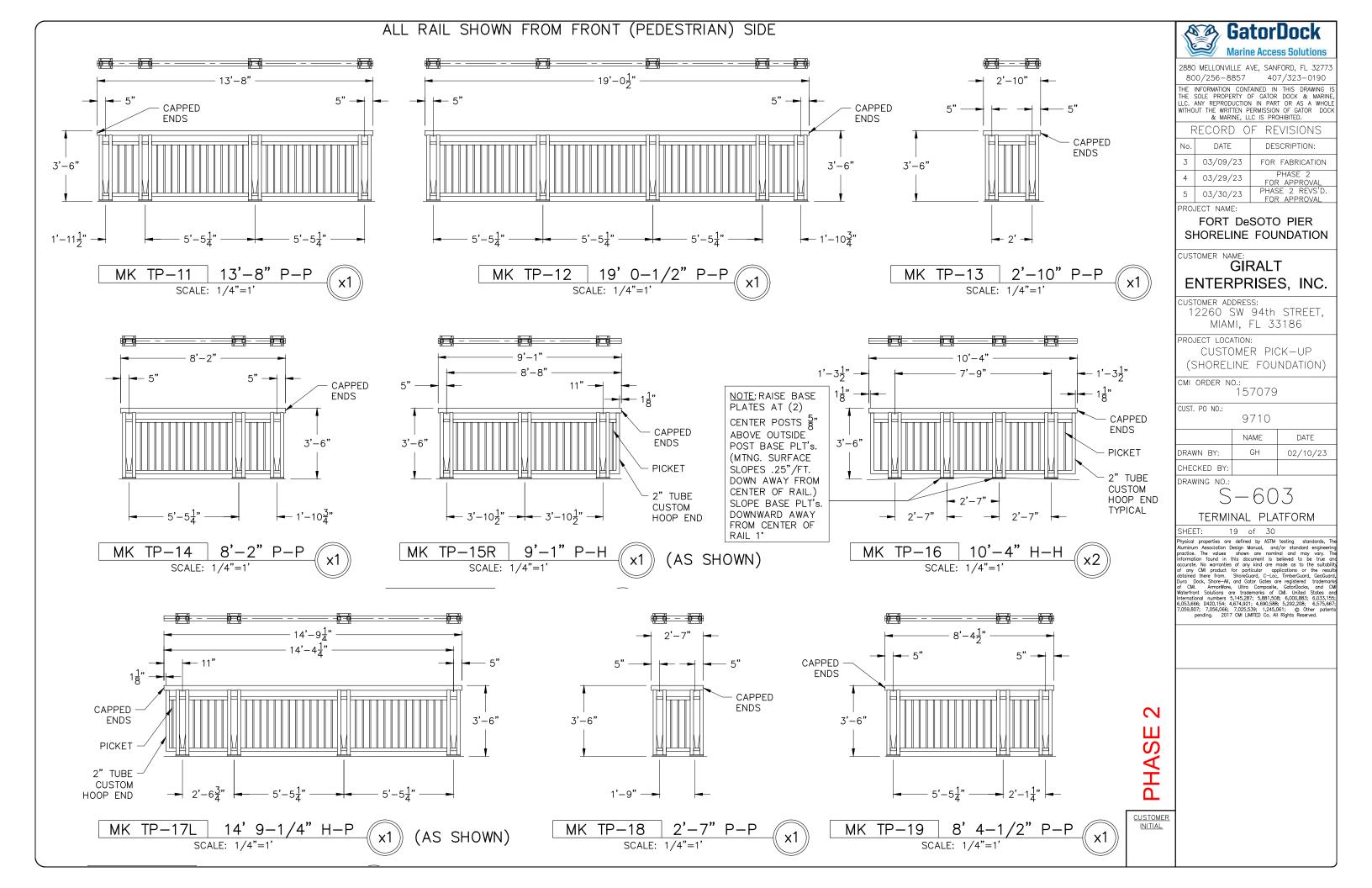


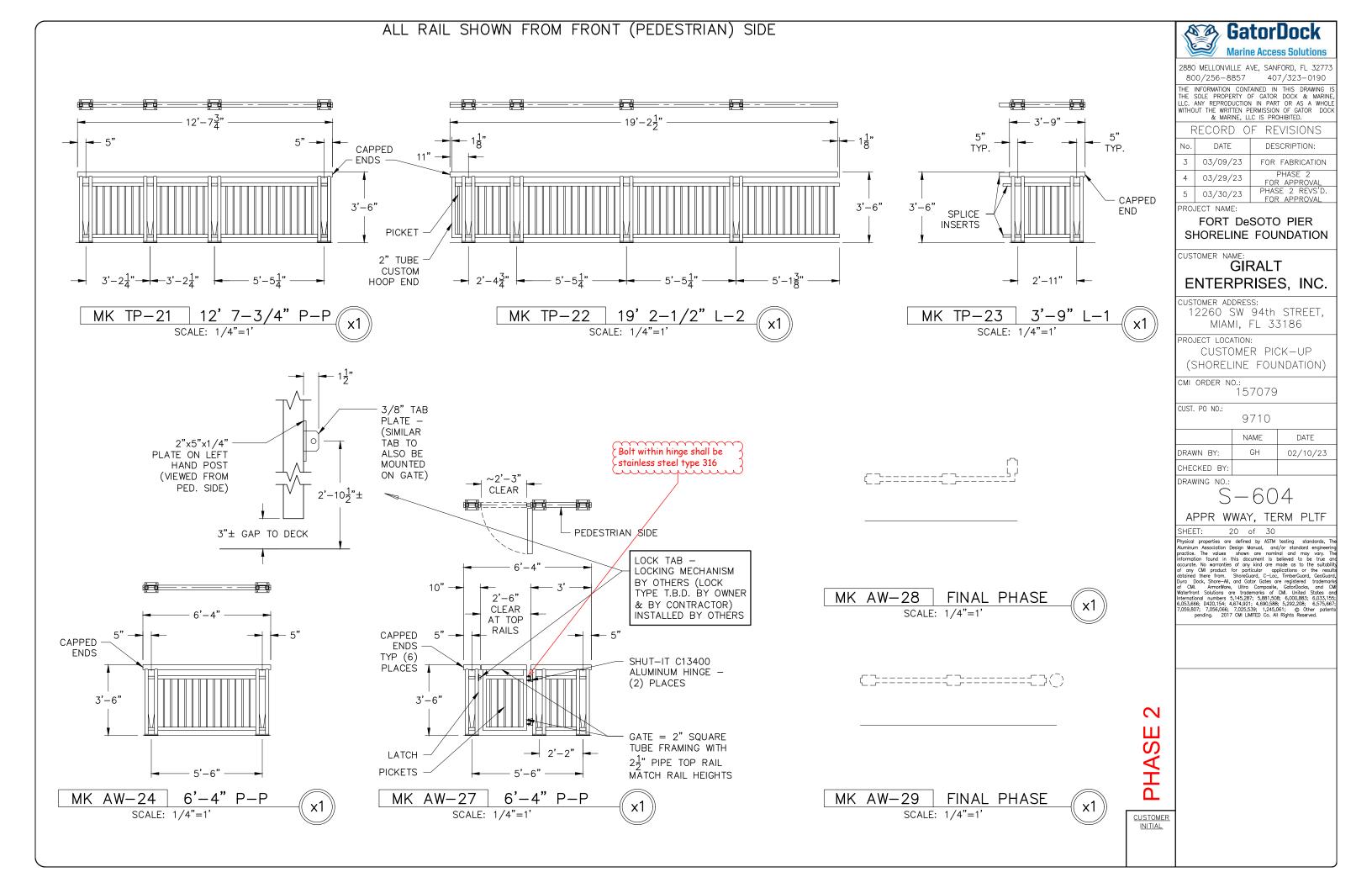


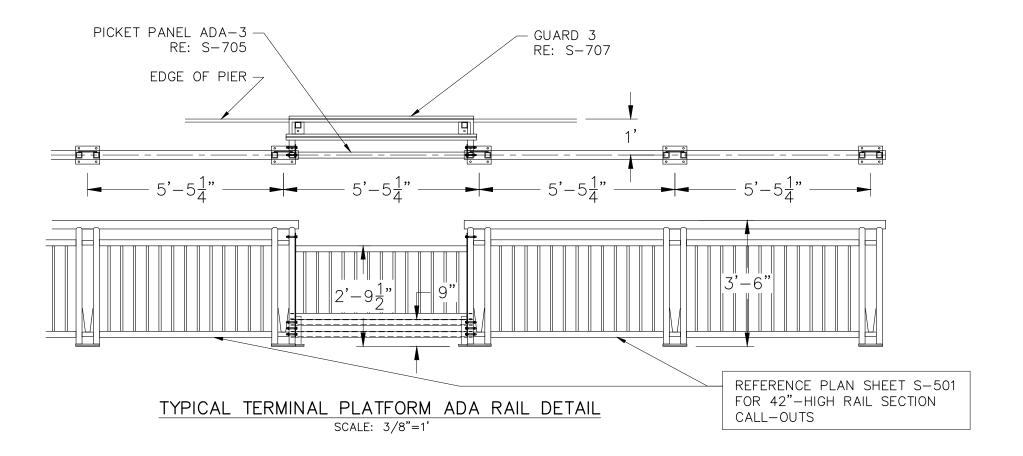


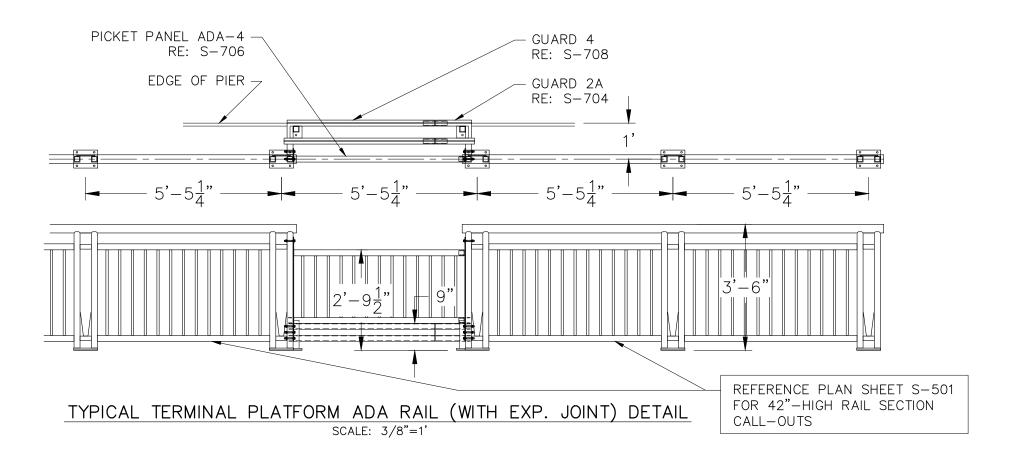














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F	F REVISIONS			
No.	DATE	DESCRIPTION:		
3	03/09/23	FOR FABRICATION		
4	03/29/23	PHASE 2 FOR APPROVAL		
5 03/30/23		PHASE 2 REVS'D.		

PROJECT NAME:

FORT DeSOTO PIER SHORELINE FOUNDATION

CUSTOMER NAME:

GIRALT ENTERPRISES, INC.

customer address: 12260 SW 94th STREET, MIAMI, FL 33186

PROJECT LOCATION:

CUSTOMER PICK-UP

(SHORELINE FOUNDATION)

CMI ORDER NO .:

157079

CUST. PO NO.:

9710

	NAME	DATE
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CHECKED BY:		

DRAWING NO.:

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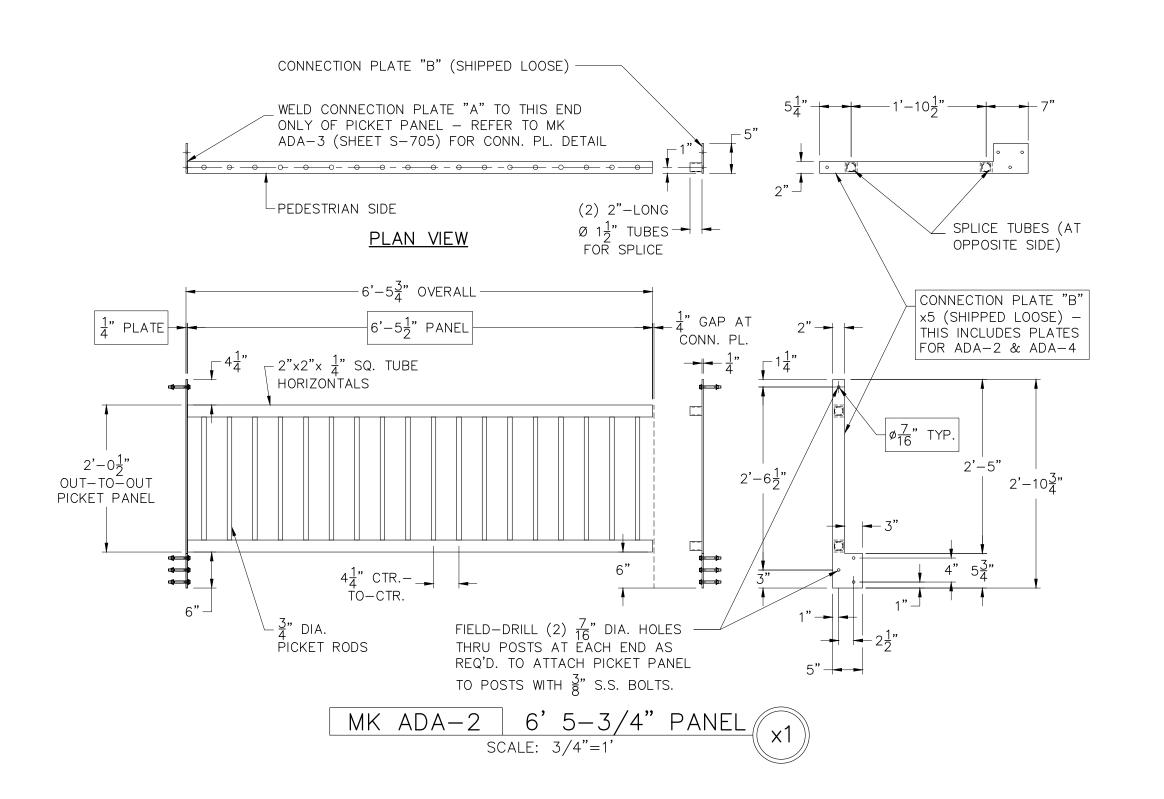
TERMINAL PLATFORM

: 21 of 30

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CUSTOMER NAME:

GIRALT ENTERPRISES, INC.

CUSTOMER ADDRESS: 12260 SW 94th STREET, MIAMI, FL 33186

PROJECT LOCATION: CUSTOMER PICK-UP (SHORELINE FOUNDATION)

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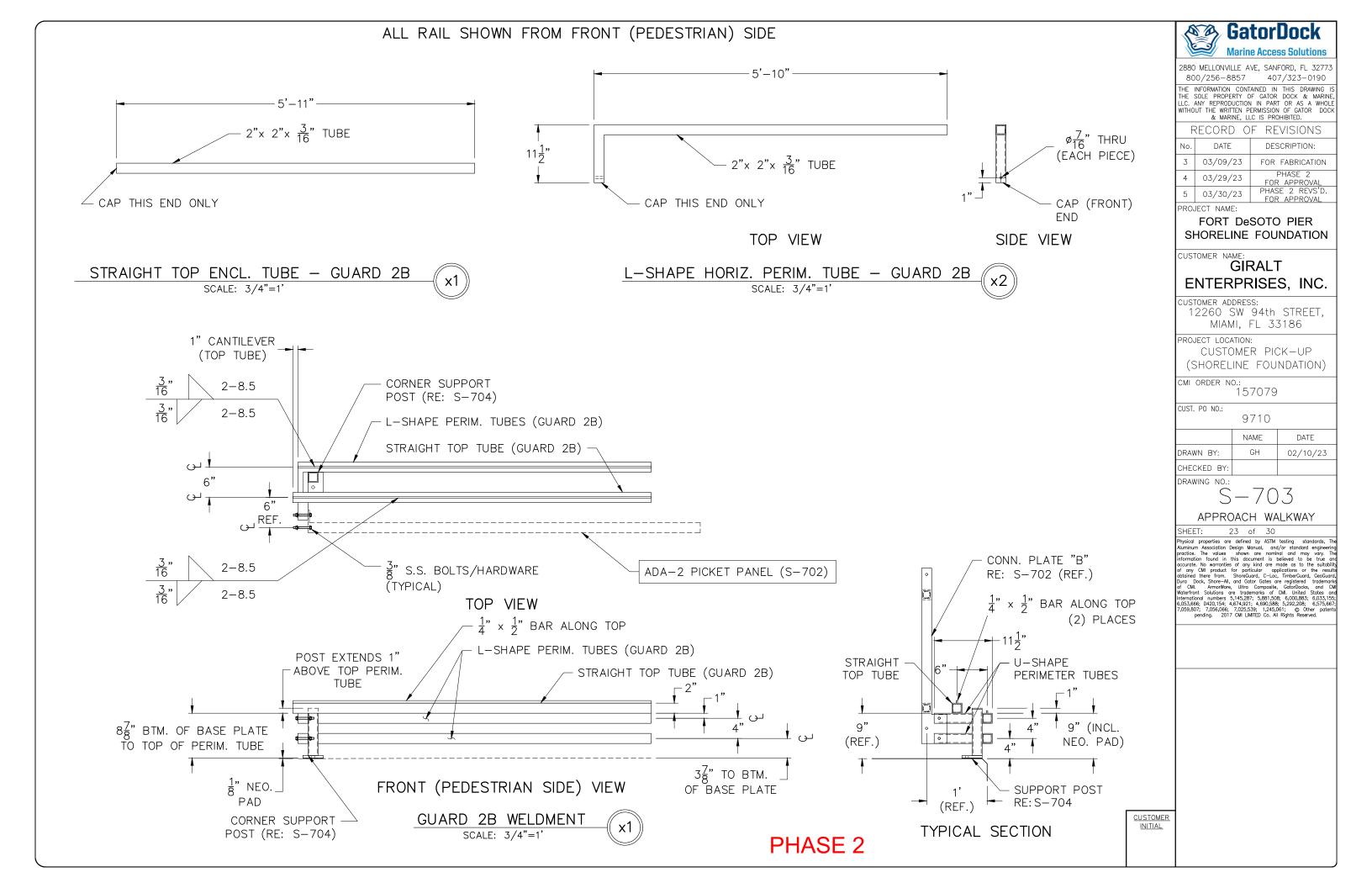
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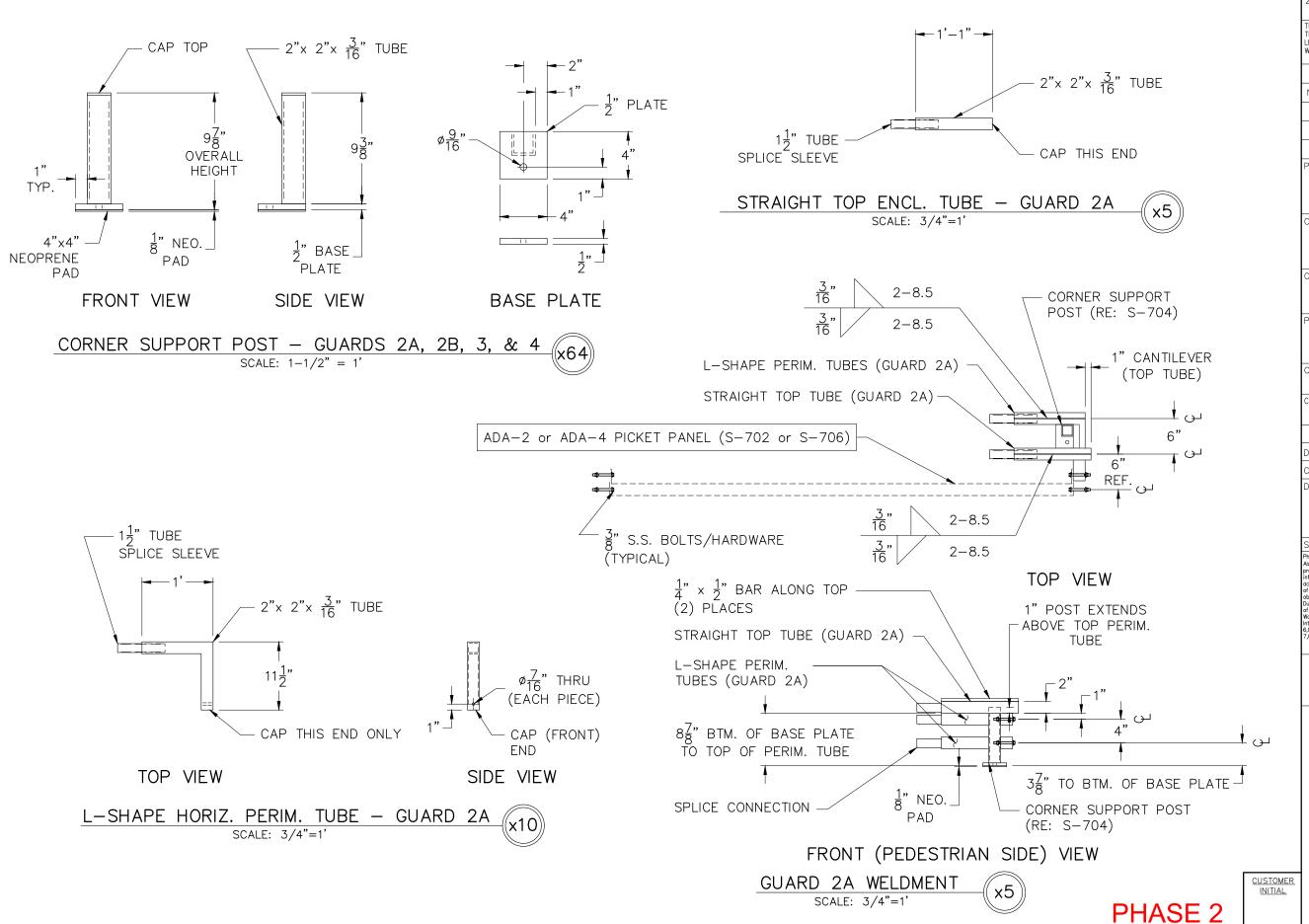
DRAWING NO.:

APPROACH WALKWAY

22 of 30

CUSTOMER INITIAL





GatorDock

Marine Access Solutions

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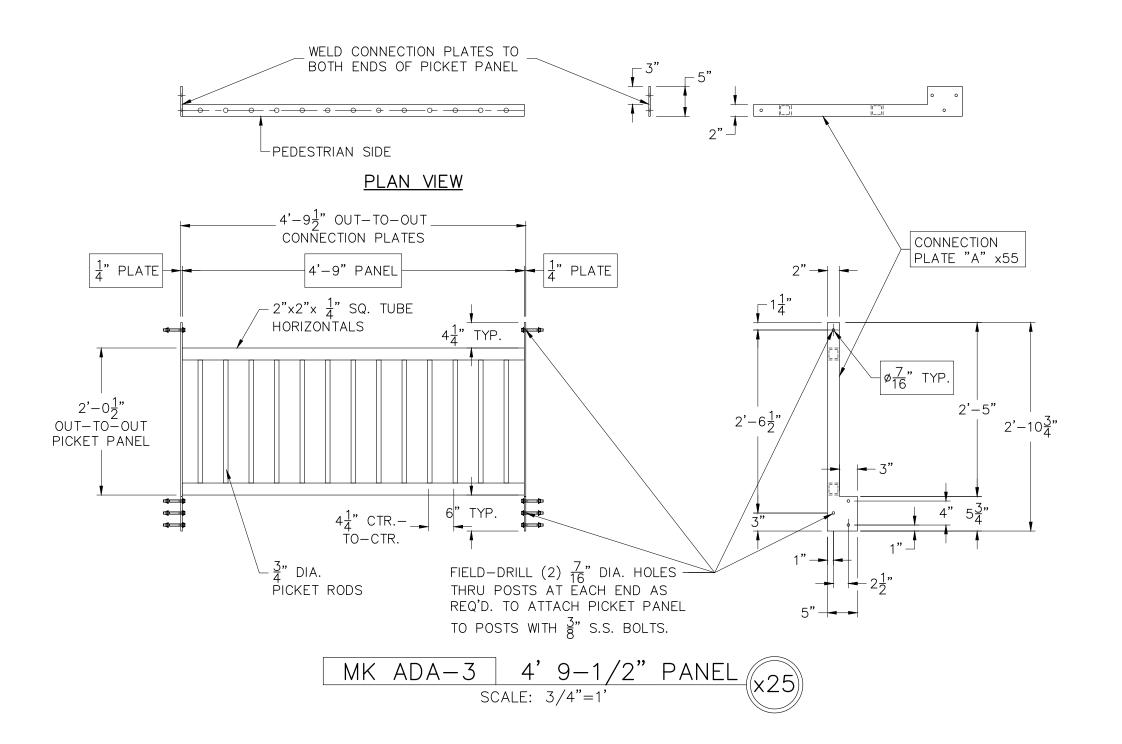
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PROJECT NAME:

FORT DeSOTO PIER SHORELINE FOUNDATION

CUSTOMER NA

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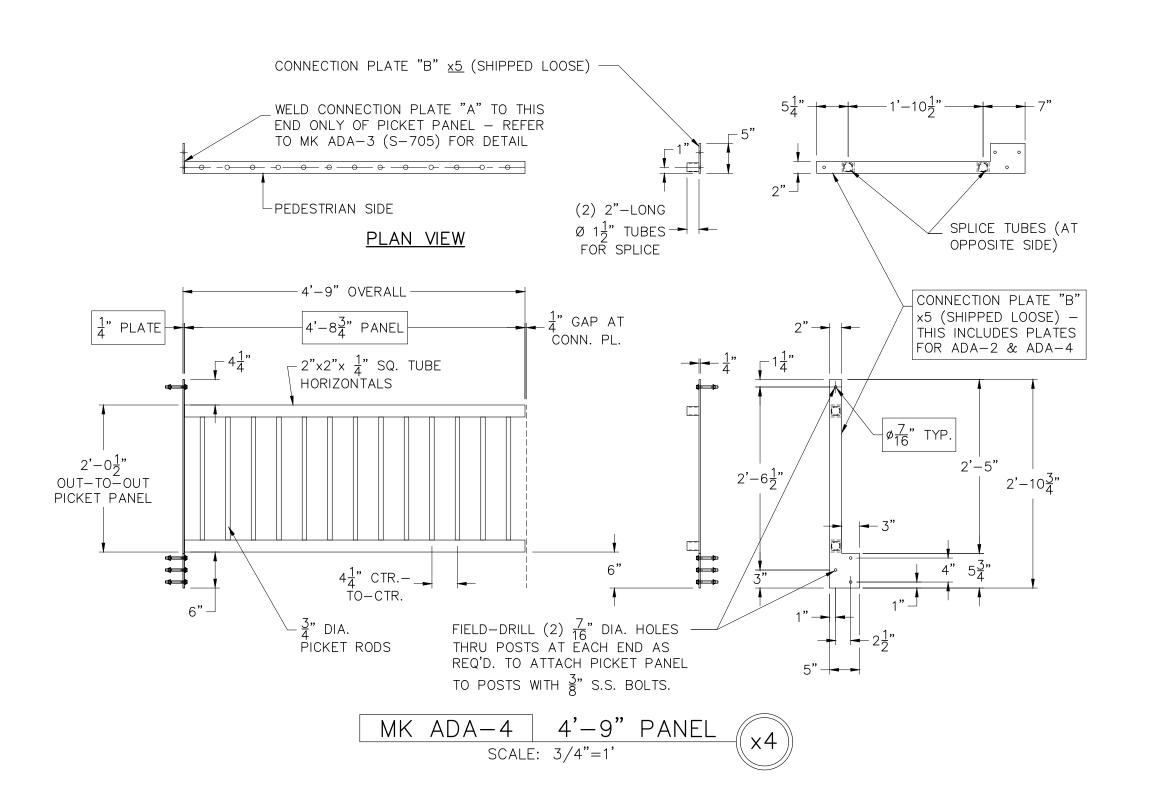
TERMINAL PLATFORM

: 25 of 30

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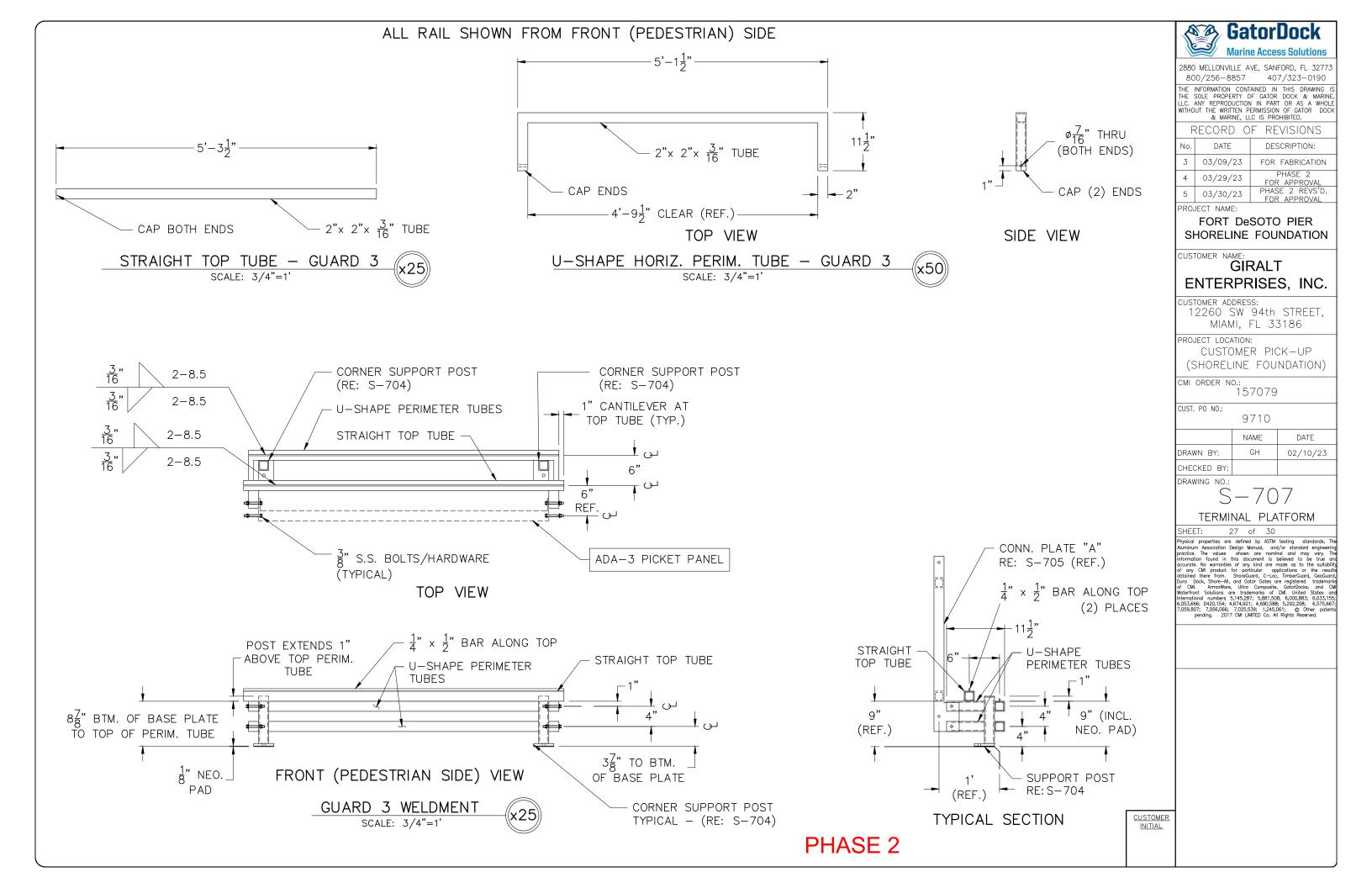
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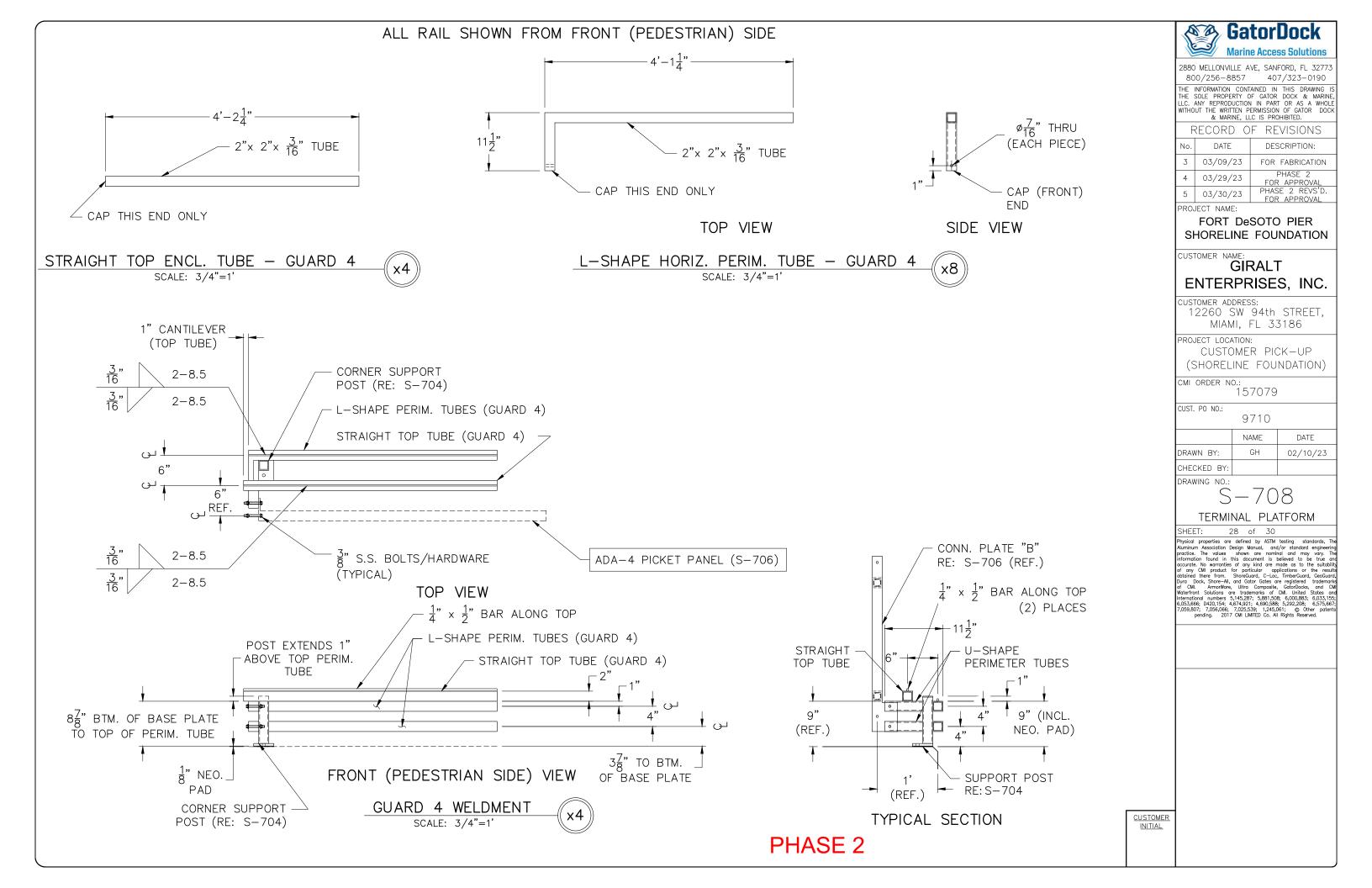
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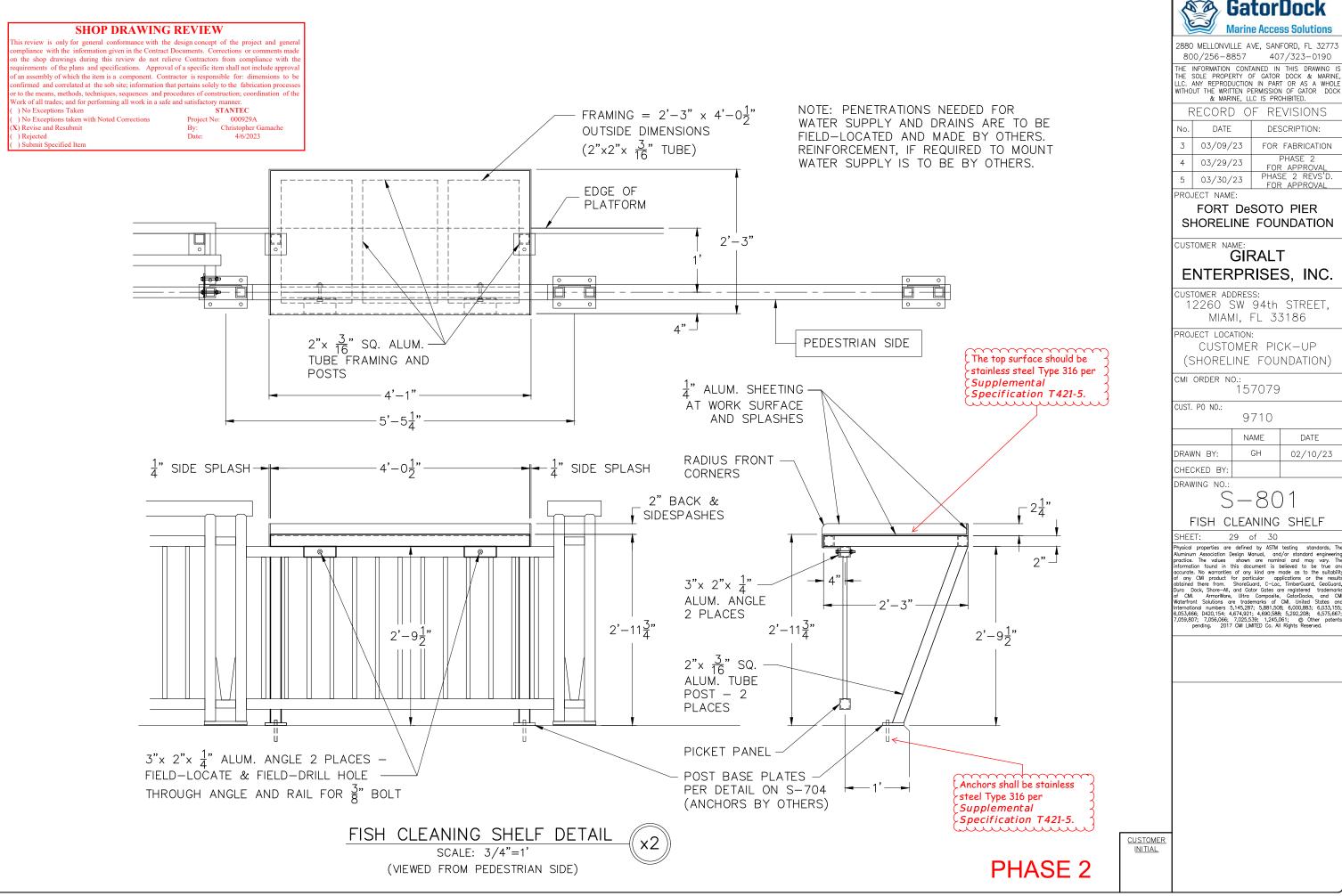
T: 26 of 30

Physical properties are defined by ASTM testing standards, TM Auminum Association Design Manual, and/or standard engineerin practice. The values shown are nominal and may vary. Tinformation found in this document is believed to be true a accurate. No warranties of any kind are made as to the suitability of any CMI product for particular applications or the resul obtained there from.

Dura Dock, Shore-All, and Gator Gates are registered trademark of CMI. ArmorWare, Ultra Composite, CatorDocks, and CMI united States and International numbers 5,145,287; 5,881,508; 6,000,883; 6,033,165; 6,053,665; 402,104; 4,674,291; 4,690,888; 5,292,208; 6,575,667,059,807; 7,056,066; 7,025,539; 1,245,061; © Other potent pending. 2017 CMI LMITED Co. All Rights Reservable.









SHOP DRAWING REVIEW

his review is only for general conformance with the design concept of the project and general npliance with the information given in the Contract Documents. Corrections or comments made the shop drawings during this review do not relieve Contractors from compliance with the equirements of the plans and specifications. Approval of a specific item shall not include approval of an assembly of which the item is a component. Contractor is responsible for: dimensions to be firmed and correlated at the sob site; information that pertains solely to the fabrication processes r to the means, methods, techniques, sequences and procedures of construction; coordination of the Work of all trades; and for performing all work in a safe and satisfactory manner STANTEC

) No Exceptions Taken

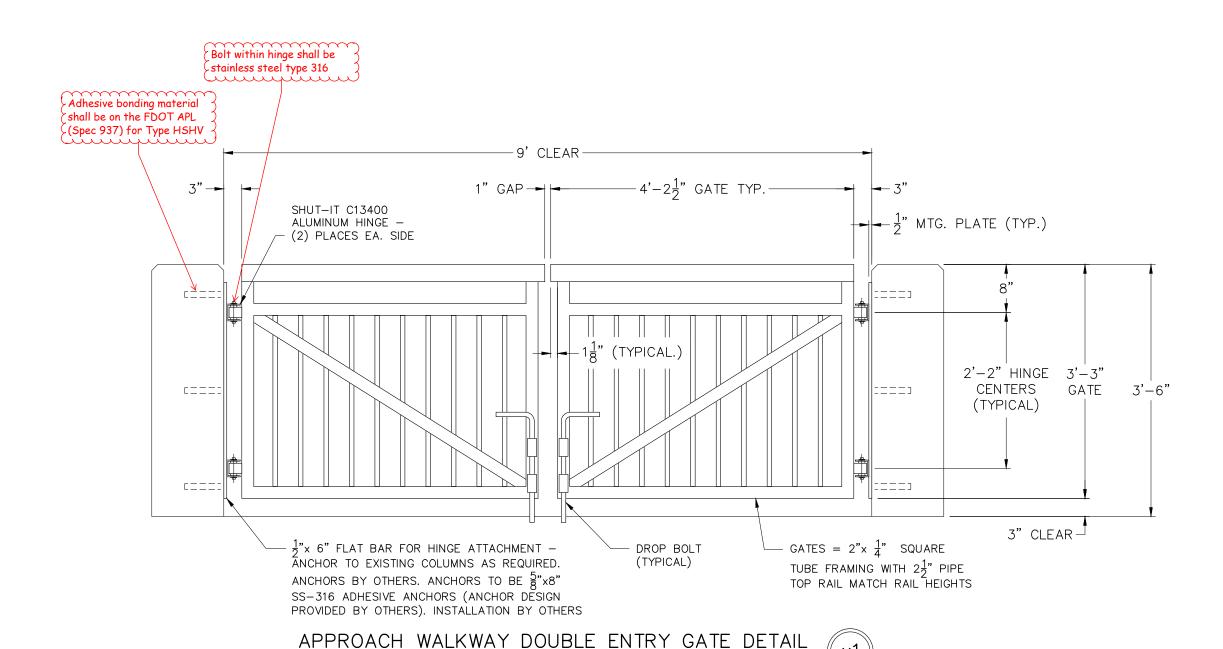
) No Exceptions taken with Noted Corrections

Project No: 000929A By: Christopher Gamache
Date: 4/6/2023

X) Revise and Resubmit) Rejected

1. Provide ability to lock in both open & closed position per note on Sheet 30.

2.Provide calculations verifying load requirements specified in Supplemental Specification T500-2.



SCALE: 3/4"=1



2880 MELLONVILLE AVE, SANFORD, FL 32773 800/256-8857 407/323-0190

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RECORD OF REVISIONS				
No.	DATE	DESCRIPTION:		
3	03/09/23	FOR FABRICATION		
4	03/29/23	PHASE 2 FOR APPROVAL		
5	03/30/23	PHASE 2 REVS'D. FOR APPROVAL		

PROJECT NAME:

FORT DeSOTO PIER SHORELINE FOUNDATION

CUSTOMER NAME:

GIRALT ENTERPRISES, INC.

CUSTOMER ADDRESS: 12260 SW 94th STREET, MIAMI, FL 33186

PROJECT LOCATION: CUSTOMER PICK-UP (SHORELINE FOUNDATION)

CMI ORDER NO .:

157079

CUST. PO NO.:

DATE DRAWN BY: 02/10/23

9710

CHECKED BY

DRAWING NO .:

S - 802

MAIN ENTRY GATE

30 of 30

SHEET: 30 of 30

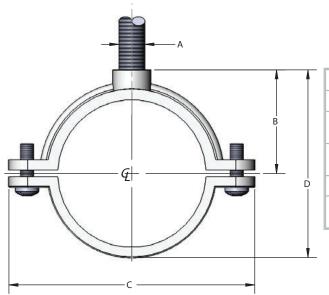
Physical properties are defined by ASTM testing standards, The Alurninum Association Design Manual, and/or standard engineering practice. The values shown are nominal and may vary. The information found in this document is believed to be true and accurate. No warranties of any kind are made as to the suitability of any CMI product for particular applications or the results obtained there from. ShoreGuard, C-Loc, TimberQuard, GeoQuard, Duro Dock, Shore-All, and Cotor Cotos are registered trademorted with the Cotor Cotos and International numbers 5,145,287; 5,881,508; 6,003,883, 6,033,155; 6,053,666; D420,154; 4,674,921; 6,803,686; 5,22,206; 6,575,667; 7,059,807; 7,056,666; 7,025,539; 1,245,061; © Other patents pending. 2017 CMI LIMITED Co. All Rights Reserved.

CUSTOMER INITIAL



FIG. 410D

OD size split ring extension hanger



Materials/Finishes	T-304 Stainless (41ODSSI) T-316 Stainless (41ODSXI)			
	<u> </u>			
Variants:	N/A			
Service:	Designed for the suspension of non-insulated stationary pipe lines, horizontally or vertically.			
Approvals:	Complies with Manufacturers' Standardization Society MSS SP-58 and SP-69 (Type# 12).			
Ordering:	Specify figure number, finish and pipe size.			
Notes:	Stainless steel hangers are recommended for applications where protection from a corrosive environment is required.			

OD SIZE	SCREW	A	В	С	D	WGT EACH (LBS)	MAX REC LOAD (LBS)
3/8	10-24	3/8-16	9/16	1-13/16	7/8	0.07	180
1/2	10-24	3/8-16	5/8	1-13/16	1-1/16	0.08	180
5/8	10-24	3/8-16	11/16	1-15/16	1-1/16	0.09	180
3/4	10-24	3/8-16	3/4	2-1/6	1-1/4	0.09	180
7/8	10-24	3/8-16	13/16	2-1/4	1-7/16	0.12	180
1	10-24	3/8-16	15/16	2-3/8	1-9/16	0.13	180
1-1/8	10-24	3/8-16	15/16	2-9/16	1-5/8	0.14	180
1-3/8	10-24	3/8-16	1-1/8	2-7/8	1-15/16	0.15	180
1-1/2	10-24	3/8-16	1-3/16	3	2	0.16	180
1-5/8	10-24	3/8-16	1-1/4	3	2-3/16	0.18	180
2	10-24	3/8-16	1-3/8	3-7/16	2-9/16	0.23	180
2-1/8	10-24	3/8-16	1-1/2	3-9/16	2-5/8	0.25	300
2-5/8	1/4	1/2-13	2	4-11/16	3-9/16	0.40	300
3-1/8	1/4	1/2-13	2-1/4	5-13/16	4-3/16	0.77	300
4-1/8	1/4	1/2-13	2-13/16	6-3/8	5-1/4	1.20	300

PROJECT INFORMATION	APPROVAL STAMP
Project:	Notes:
Address:	
Contractor:	
Engineer:	
Date:	
Approved Approved as Noted Not Approved	



127 Fern Street Jupiter, FL 33458 561 743-4642 561 743-4912 800 453-4642

316 Stainless Steel Threaded Rod



<u>Diameter:</u> 3/8-16 <u>Length:</u> All Lengths

Material: 316 Stainless Steel

Thread Dimensions: Class 1A or Class 2A to ANSI B1.1

Tensile: 70,000 PSI min Yield: 30,000 PSI min

Hardness: 70 Rockwell B Min.

Elongation: 30% min

STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 ½" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at MyFWC.com/manatee. Questions concerning these signs can be sent to the email address listed above.

CAUTION: MANATEE HABITAT

All project vessels

IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work all in-water activities must

SHUT DOWN

Report any collision with or injury to a manatee:

Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC

