



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

April 29, 2025

Regulatory Division
West Permits Branch
Tampa Section
SAJ-2000-03395(NWP-JLA)

Pinellas County Parks and Conservation Resources

c/o Paul Cozzie
14 South Fort Harrison Ave
Clearwater, FL 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 a boat launch facility damaged during Hurricane Milton in 2024. Specifically, you are proposing to: Replace in existing (prior hurricane) footprint 11 dock gangways, floating docks, increase the height of existing guide piles, and repair spalling on existing concrete ramps as needed. Existing concrete ramps to remain. The aluminum gangways are 4-feet by 30 feet; floating docks are 8-feet by 36-feet; guide piles for floating docks to increase 4-feet in height.

The project is located in tidal waters of Long Bayou at 500 Pinellas Bayway S, Section 05, Township 33 South, Range 16 East, Tierra Verde, Pinellas County, FL 33715. Location coordinates: Latitude 27.646174°, Longitude: -82.717326°. 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: <https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>. 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 **October 24, 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 or 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:

1. **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): SAJ-RD-Enforcement@usace.army.mil (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-2000-03395 (NWP – JLA), on all submittals.

2. **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%20Dec%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,

A handwritten signature in black ink that reads "Jennifer L. Alexander". The script is cursive and fluid, with the first letters of each word being capitalized and prominent.

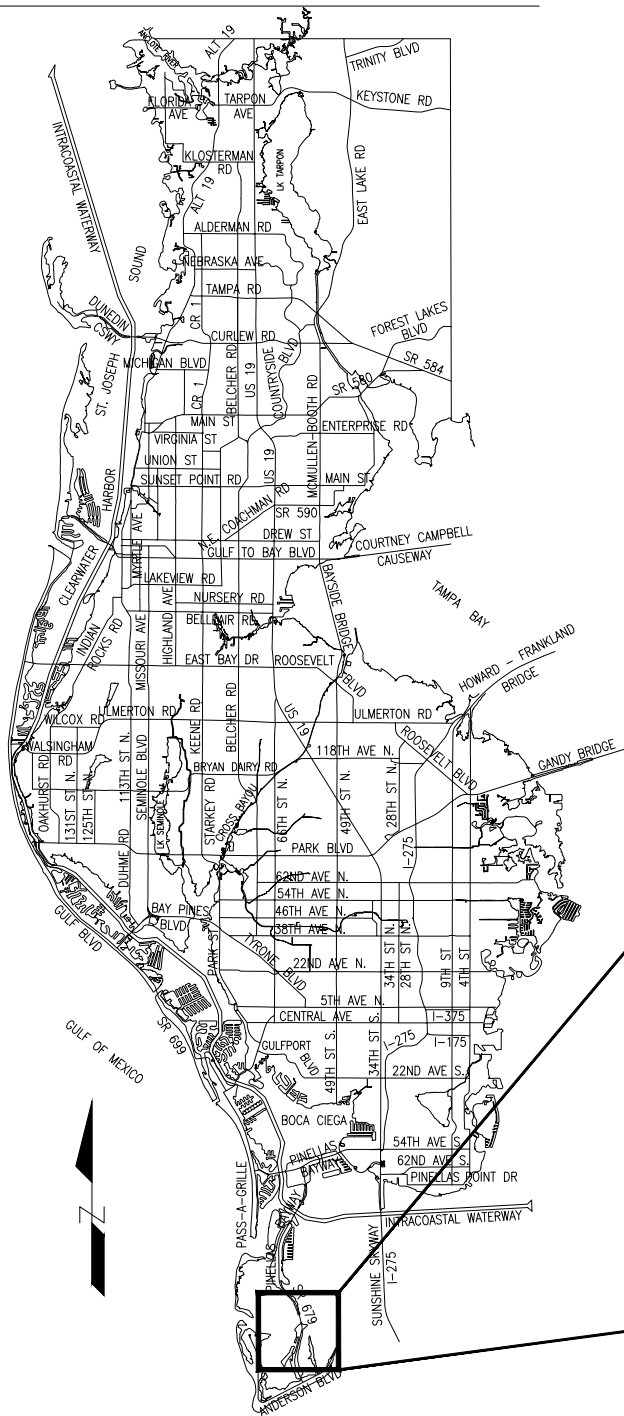
Jennifer L. Alexander
Project Manager

Enclosures
Drawings
Commencement Form
Standard Manatee Conditions

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



PINELLAS COUNTY
LOCATION MAP



FORT DESOTO BOAT
LAUNCHING REPAIRS

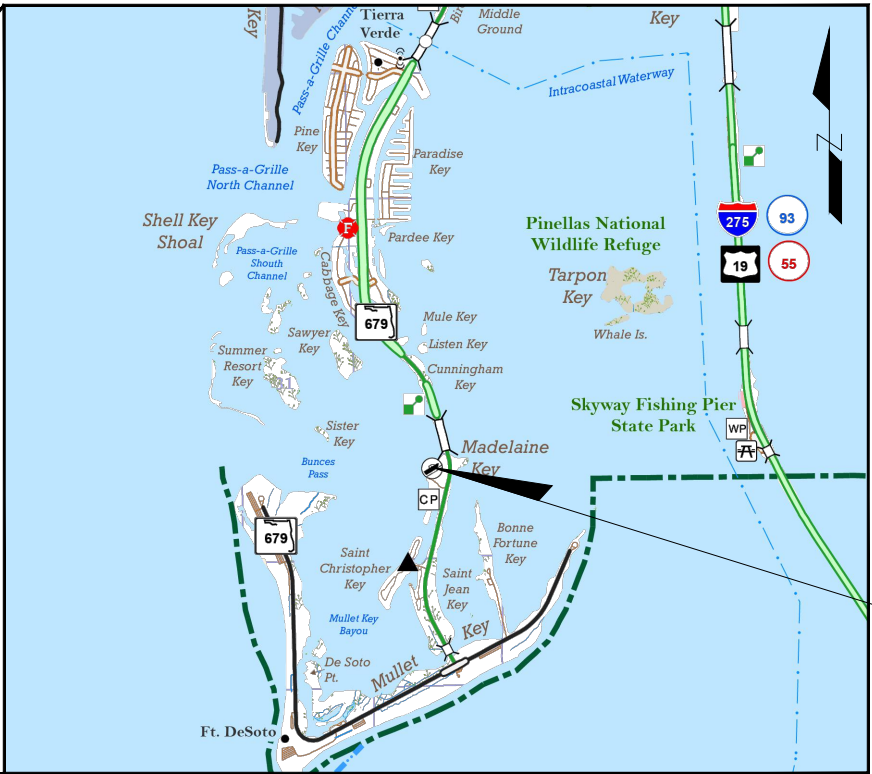
PID 90018G1

INDEX OF PLANS

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	GENERAL NOTES
3	SITE PLAN
4	ABUTMENT, FLOATING DOCK BOAT RAMP
5	GANGWAY AND FLOATING DOCK DETAILS AND SECTIONS
6	SPALL REPAIR DETAILS

FDOT STANDARD PLANS (2025-26)

INDEX NO.	STANDARD PLAN TITLE
455-002	SQUARE PRESTRESSED CONCRETE PILE SPLICES
455-018	18" SQUARE PRESTRESSED CONCRETE PILE



PROJECT LOCATION

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)

SECTION 05, TOWNSHIP 33 SOUTH, RANGE 16 EAST

KEY MAP
NOT TO SCALE

60% PLANS
NOT FOR CONSTRUCTION
APRIL 2025

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

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

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

DATE

GENERAL NOTES

GOVERNING STANDARD PLANS

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

GOVERNING STANDARD CONSTRUCTION SPECIFICATIONS

2. FLORIDA DEPARTMENT OF TRANSPORTATION, FY2025–26.
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
CONSTRUCTION AT THE FOLLOWING WEBSITE:
HTTP: //WWW.FDOT.GOV/PROGRAMMANAGEMENT
/IMPLEMENTED/SPECBOOKS
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING
CONDITIONS BEFORE STARTING WORK. NOTIFY ENGINEER OF
DISCREPANCIES.
4. ALL DIMENSIONS IN THESE PLANS ARE MEASURED IN FEET
EITHER HORIZONTALLY OR VERTICALLY UNLESS NOTED
OTHERWISE.

DESIGN CRITERIA

1. LIVE LOADS
- A. FLOATING DOCKS
1. UNIFORM LOAD 50 PSF
2. CONCENTRATED LOAD 650 POUNDS
SEE TECHNICAL SPECIFICATIONS FOR ADDITIONAL LOADS
AND LOAD COMBINATIONS
- B. GANGWAYS
1. UNIFORM LOAD 50 PSF

ENVIRONMENT

SUPERSTRUCTURE – EXTREMELY AGGRESSIVE
SUBSTRUCTURE – EXTREMELY AGGRESSIVE

DEMOLITION

1. DEBRIS FROM DEMOLITION AND ITEMS INDICATED TO BE
REMOVED SHALL BE REMOVED FROM PINELLAS COUNTY
PROPERTY AND PROPERLY DISPOSED OF BY THE CONTRACTOR.
2. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ANY
DEBRIS THAT ENTERS THE WATER DURING THE DEMOLITION OF
THE INDICATED STRUCTURES.

STRUCTURAL FASTENERS

ALL STRUCTURAL BOLTS, WASHERS, NUTS, AND THREADED RODS
SHALL BE STAINLESS STEEL TYPE 316. BOLTS SHALL MEET THE
REQUIREMENTS OF ASTM F593, GROUP 2. NUTS SHALL MEET THE
REQUIREMENTS OF ASTM F594, GROUP 2.

CONCRETE AND REINFORCING STEEL

1. MATERIALS SHALL CONFORM TO THE FOLLOWING, UNLESS
OTHERWISE NOTED:
- | | | |
|-------------------------------------|----------|------------------------|
| A. CONCRETE | CLASS | 28 DAY
STRENGTH |
| PILE BUILD–UP
FLOATING DOCK DECK | IV
IV | 5,500 PSI
5,500 PSI |
- B. REINFORCING STEEL
- ALL REINFORCING BARS SHALL BE IN ACCORDANCE WITH
FDOT STANDARD SPECIFICATIONS SECTION 931, GRADE
60.
2. PROVIDE 3/4” CHAMFERS ON ALL EXPOSED CORNERS UNLESS
NOTED OTHERWISE.

FASTENERS

1. ALL BOLTS & NUTS SHALL BE STAINLESS STEEL IN
ACCORDANCE WITH ASTM F593 & ASTM F594 ALLOY GROUP 2.
2. ALL STEEL SHAPES AND PLATES INDICATED SHALL BE TYPE
316 STAINLESS STEEL, UNLESS APPROVED BY THE ENGINEER.

SUMMARY OF QUANTITIES			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
101–1	MOBILIZATION	LS	1
110–3	STRUCTURES, REMOVAL OF EXISTING	LS	1
401–70–5	RESTORE SPALLED AREAS	CF	105
455–34–3	PRESTRESSED CONCRETE PILING, 18” SQUARE	LF	176
455–7118	PRE–PLANNED SPLICE, CONCRETE SQUARE, 18”	EA	44
550–2700	GANGWAY AND FLOATING DOCK SYSTEM	LS	1
–	ALUMINUM PEDESTRIAN RAILING	LF	40
–	ALUMINUM PEDESTRIAN RAILING, REPAIR	EA	1

				DESIGNED _____		PROJECT:	FORT DESOTO BOAT LAUNCHING REPAIRS	DESCRIPTION:	GENERAL NOTES	PUBLIC WORKS 14 SOUTH FORT HARRISON AVENUE, CLEARWATER, FLORIDA 33756	APPROVED BY:	DATE:
				DRAWN _____								PROJECT NO.
				CHECKED _____								90018G1
REV. NO.	DATE	DESCRIPTION	REV. BY									ENGINEER OF RECORD CHRISTOPHER P. GAMACHE, P.E. No. 82122
												2 OF 6

U:\238210612\cat\Fort De Soto Boat Ramp\90018G1-GEN NOTES.dwg, Apr 21, 2025 - 4:35pm

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

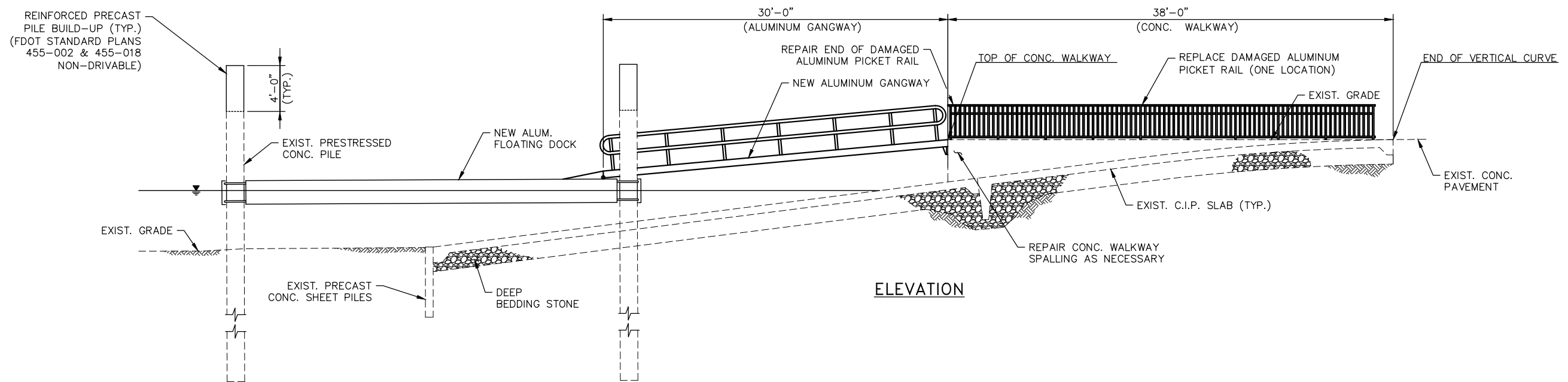
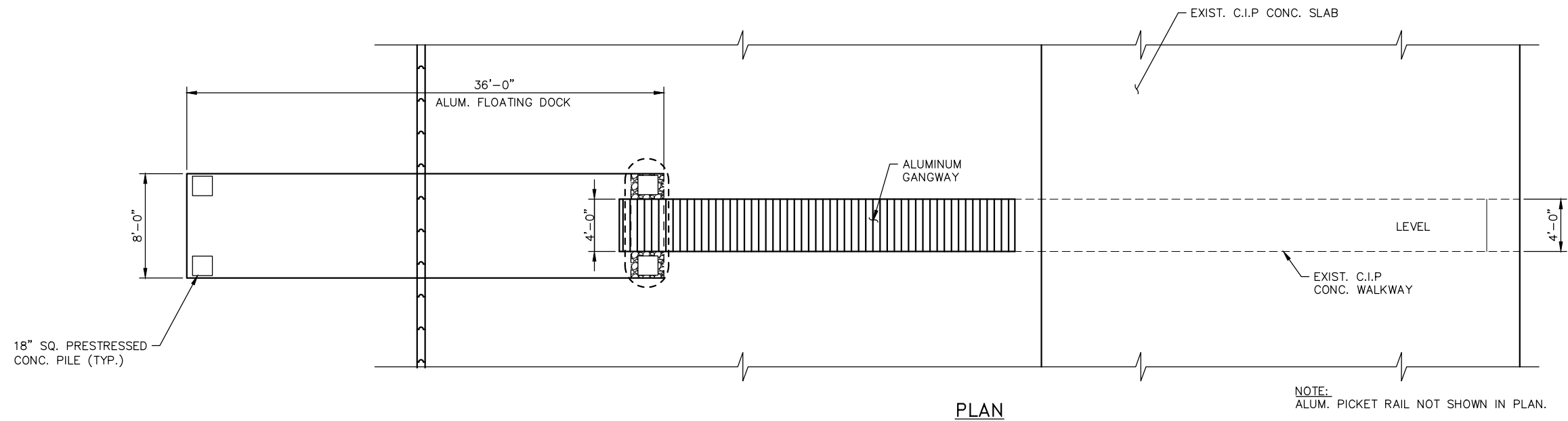


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					DRAWN _____						PROJECT NO. 90018G1
					CHECKED _____						SHEET: 3 OF 6
REV. NO.	DATE	DESCRIPTION			REV. BY						

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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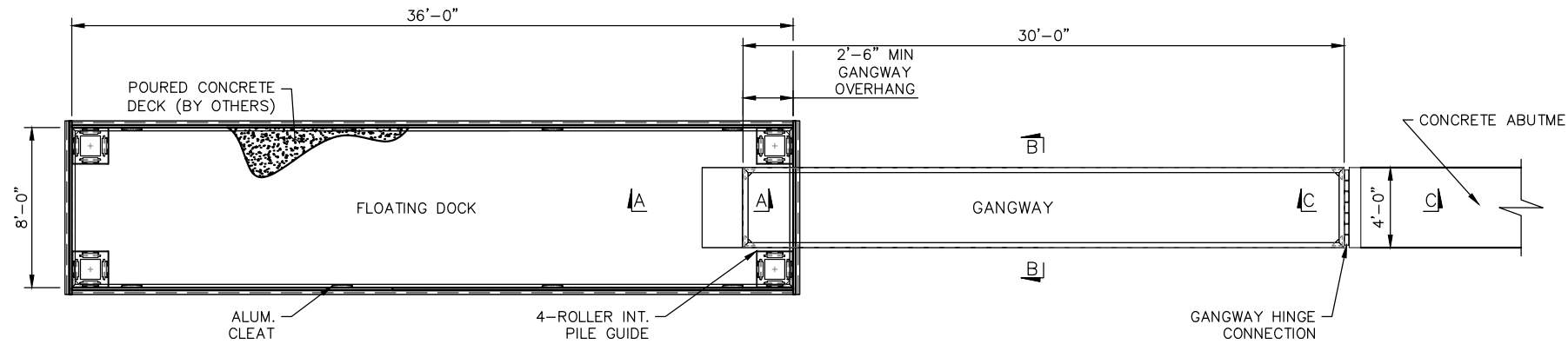


- NOTE:
1. MATCH EXISTING RAILING.
*SUBMIT ALUMINUM RAILING SHOP DRAWINGS FOR APPROVAL BY THE ENGINEER.

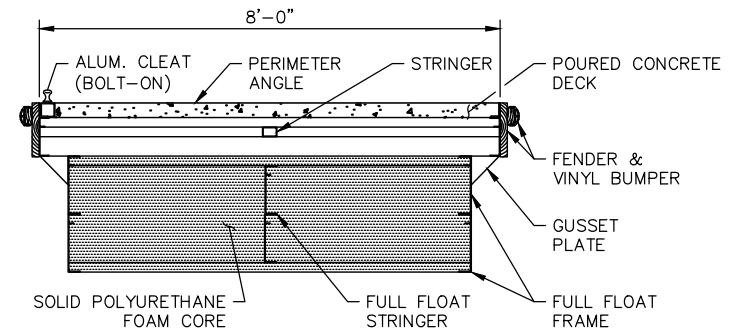
				DESIGNED _____		PROJECT: FORT DESOTO BOAT LAUNCHING REPAIRS	DESCRIPTION: ABUTMENT, FLOATING DOCK AND BOAT RAMP	PUBLIC WORKS 14 SOUTH FORT HARRISON AVENUE, CLEARWATER, FLORIDA 33756	APPROVED BY: CHRISTOPHER P. GAMACHE, P.E. No. 82122 ENGINEER OF RECORD	DATE: 4/11/2025
				DRAWN _____						PROJECT NO. 90018G1
				CHECKED _____						SHEET: 4 OF 6
REV. NO.	DATE	DESCRIPTION		REV. BY						

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

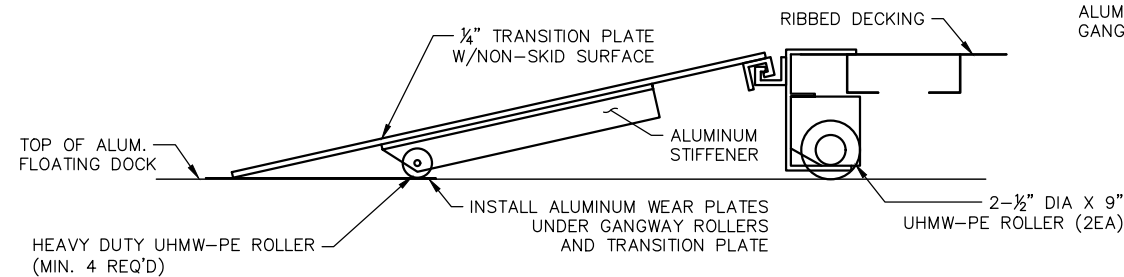
U:\238210612\cat\Fort De Soto Boat Ramp\90018G1-GANGWAY & DOCK.dwg, Apr 21, 2025 - 4:41 pm



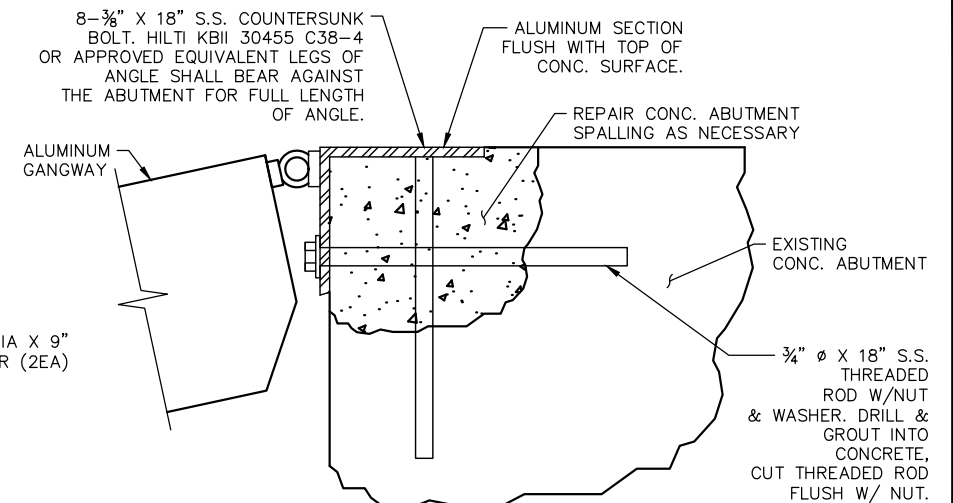
FLOATING DOCK PLAN
SCALE: 1" = 50'-0"



FLOATING DOCK PLAN
SCALE: 1" = 50'-0"

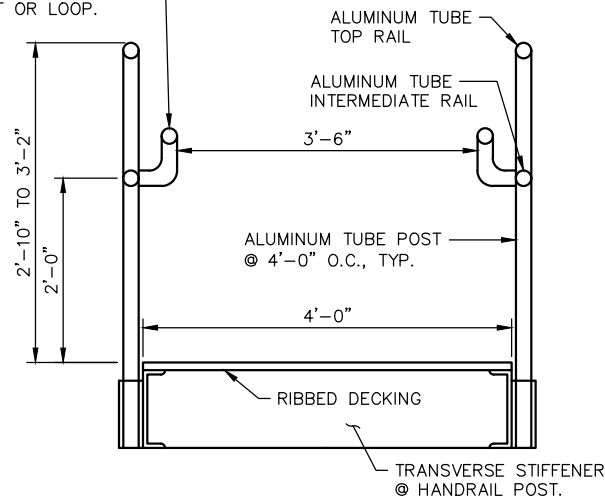


HINGE PLATE SECTION (VIEW A - A)
SCALE: 1" = 8'-0"



SECTION C - C
SCALE: 1" = 8'-0"

PROVIDE ADA HANDRAIL WHERE REQUIRED. 1-1/4" TO 1-1/2" DIAMETER. TERMINATE INTO HANDRAIL POST OR LOOP.



GANGWAY SECTION (SECTION B - B)
SCALE: 1" = 1'-0"

NOTES

1. ALL STRUCTURAL ALUMINUM IS ALLOY 6061-T6, MILL FINISH.
2. ALL JOINTS ARE FULLY WELDED UNLESS NOTED OTHERWISE. FILLER METAL TO BE 5356 SERIES WIRE.
3. ALL HARDWARE IS STAINLESS STEEL, SERIES 304. USE PERMATEX ANTI-SEIZE LUBRICANT OR EQUAL.
4. ALL WOOD FENDERS TO BE S.Y.P. #1 PRESSURE TREATED TO 0.40 PCF ACQ MINIMUM OR EQUAL. ISOLATE WOOD FROM ALUMINUM WITH BITUMINOUS PAINT, CARBOLINE BIT 50 OR EQUAL.
5. FLOATING DOCKS DESIGNED FOR A 20"± UNLOADED FREEBOARD AND A MINIMUM 8" LOADED FREEBOARD UNDER A 50 PSF LIVE LOAD.
6. GANGWAYS DESIGNED FOR 50 PSF LIVE LOAD, AND L/180 DEFLECTION.
7. HAND RAILING DESIGNED FOR 50 PLF LIVE LOAD OR 200 LB POINT LOAD.
8. DOCK DIMENSIONS SHOWN ARE NOMINAL FROM FRAME TO FRAME. FINAL FINISHED DIMENSIONS WILL VARY ACCORDING TO INSTALLED FENDERS & BUMPERS.

REV. NO.	DATE	DESCRIPTION	REV. BY

DESIGNED	
DRAWN	
CHECKED	



PROJECT:
**FORT DESOTO
BOAT LAUNCHING REPAIRS**

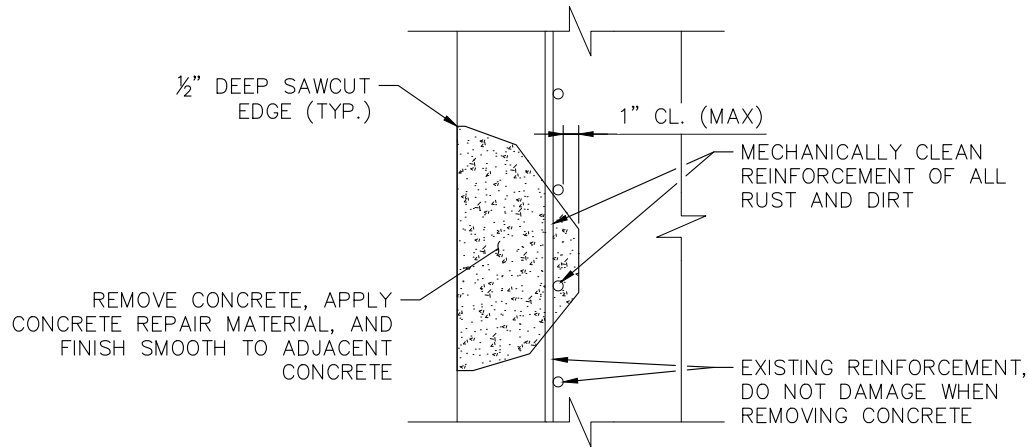
DESCRIPTION:
**GANGWAY AND FLOATING
DOCK DETAILS AND SECTIONS**

PUBLIC WORKS
14 SOUTH FORT HARRISON
AVENUE, CLEARWATER, FLORIDA
33756

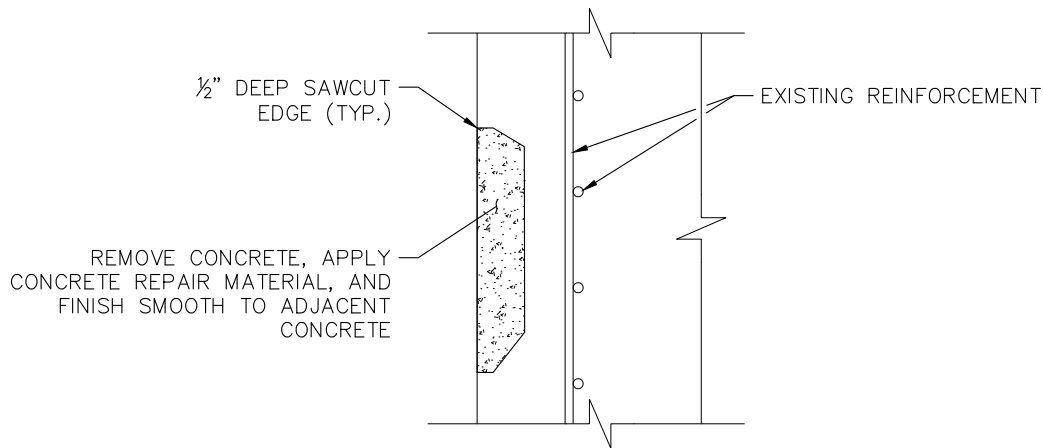
APPROVED BY:
CHRISTOPHER P. GAMACHE, P.E. No. 82122
ENGINEER OF RECORD

DATE:
4/11/2025
PROJECT NO.
90018G1
SHEET:
5 OF 6

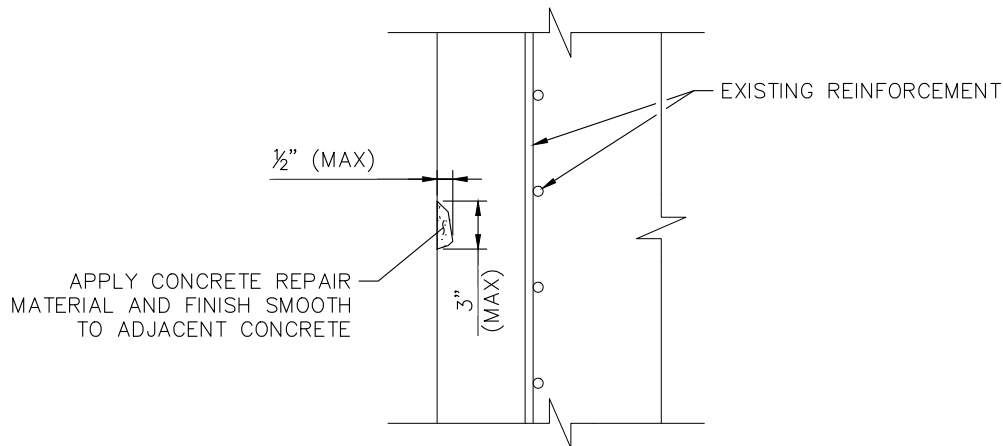
U:\2382\0812\cat\Fort De Soto Boat Ramp\90018G1-SPALL REPAIR DET.dwg, Apr 21, 2025 - 4:42pm



CONCRETE SPALL REPAIR DETAIL
(WITH EXPOSED REINFORCING)



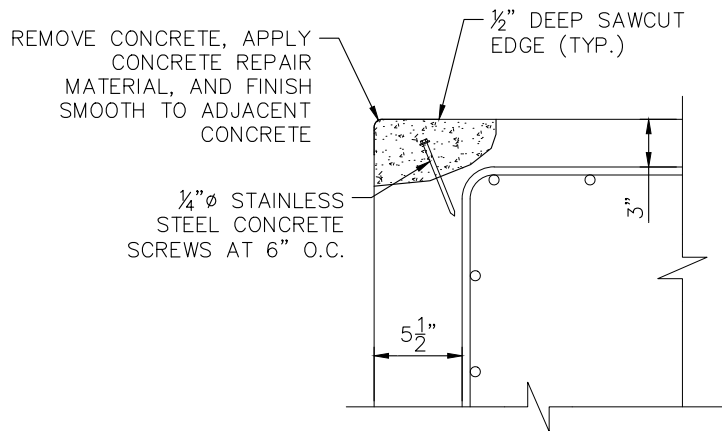
CONCRETE SPALL REPAIR DETAIL
(WITHOUT EXPOSED REINFORCING)



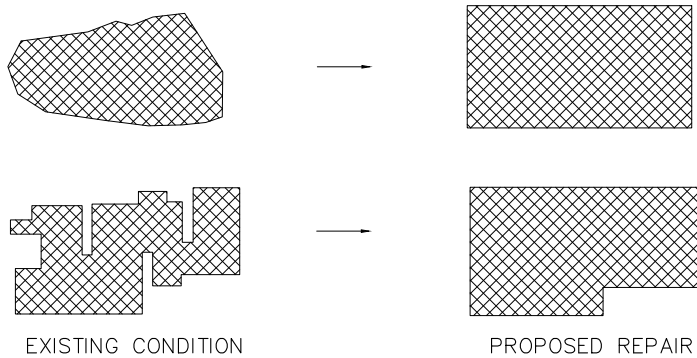
CONCRETE SPALL REPAIR DETAIL
(COSMETIC)

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.
3. 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 1/2" 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.
6. 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.
7. 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 3/4" CHAMFER ON ALL EXPOSED EDGES.
10. SPALLED AREAS SHALL BE FINISHED SMOOTH TO MATCH THE LINE AND SHAPE OF ADJACENT SURFACES.



TYPICAL CORNER SPALL REPAIR DETAIL
(WITHOUT EXPOSED REINFORCING)



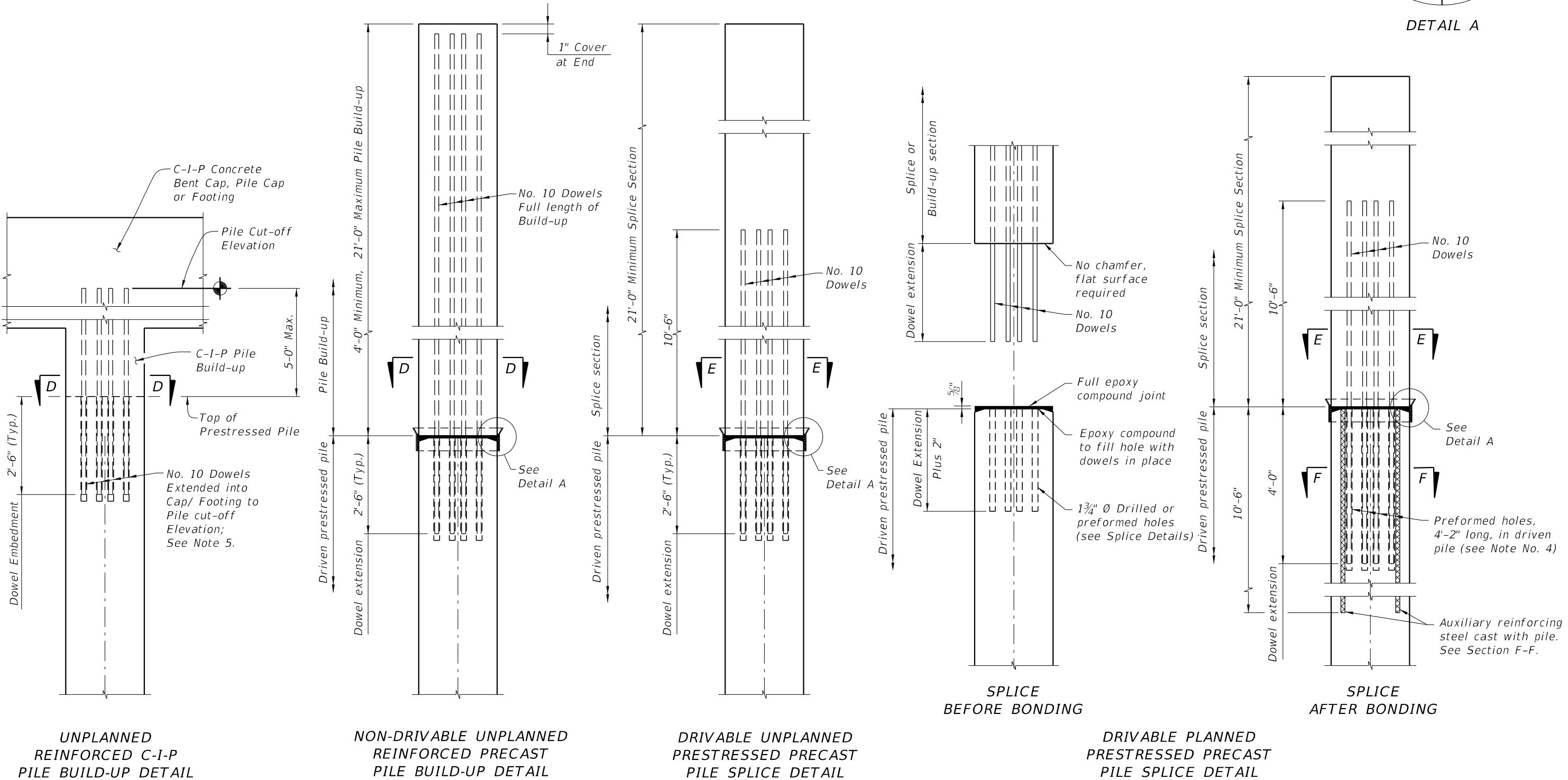
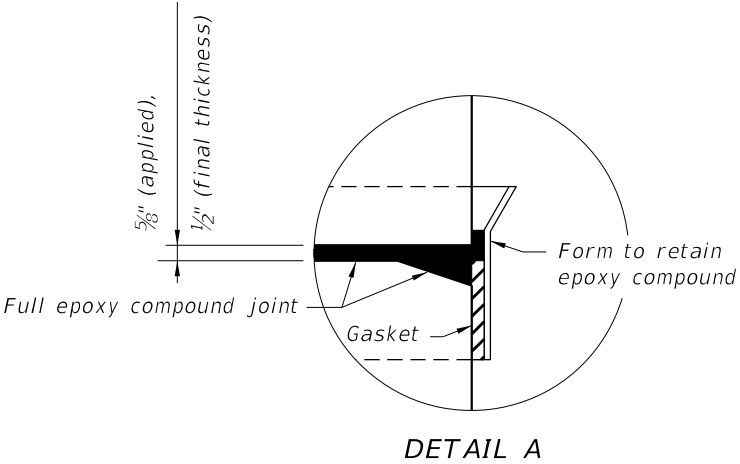
AT EDGE LOCATION PROVIDE RIGHT ANGLE CUTS.
NO FEATHER EDGES. PATCH CONFIGURATIONS
SHALL BE KEPT AS SIMPLE AS POSSIBLE

PREFERRED SPALL PATCH CONFIGURATION

				DESIGNED _____		PROJECT: FORT DESOTO BOAT LAUNCHING REPAIRS	DESCRIPTION: SPALL REPAIR DETAILS	PUBLIC WORKS 14 SOUTH FORT HARRISON AVENUE, CLEARWATER, FLORIDA 33756	APPROVED BY: CHRISTOPHER P. GAMACHE, P.E. No. 82122 ENGINEER OF RECORD	DATE: 4/11/2025
				DRAWN _____						PROJECT NO. 90018G1
				CHECKED _____						SHEET: 6 OF 6
REV. NO.	DATE	DESCRIPTION		REV. BY						

NOTES:

1. For Sections D-D, E-E, & F-F see Index 455-012 thru 455-030 for applicable concrete pile size and Pile Splice Reinforcement Details.
2. Prestressing strands, spiral ties and/or reinforcement are not shown for clarity.
3. When pile splices are necessary due to shipping and handling limitations, use the "Drivable Planned Prestressed Precast Splice Detail" or Mechanical Pile Splices on the Approved Products List (APL).
4. When preformed dowel holes are used, continue the 1" spiral tie pitch to 4'-0" below the head of the pile, See Index 455-018, 455-020 & 455-024. For preformed holes; use either removable preforming material or stay-in-place corrugated galvanized steel ducts meeting ASTM Specification A653, Coating Designation G90, 26 gauge. Use 2" diameter ducts with a minimum corrugation (rib) height of 0.12 in. fabricated with either welded or interlocked seams. Galvanizing of welded seams is not required.
5. For tension piles where top of Prestressed Pile is less than 3 feet below Pile Cut-off Elevation, extend No. 10 Dowels into cap beyond Pile Cut-off Elevation to achieve development as approved by the Engineer.



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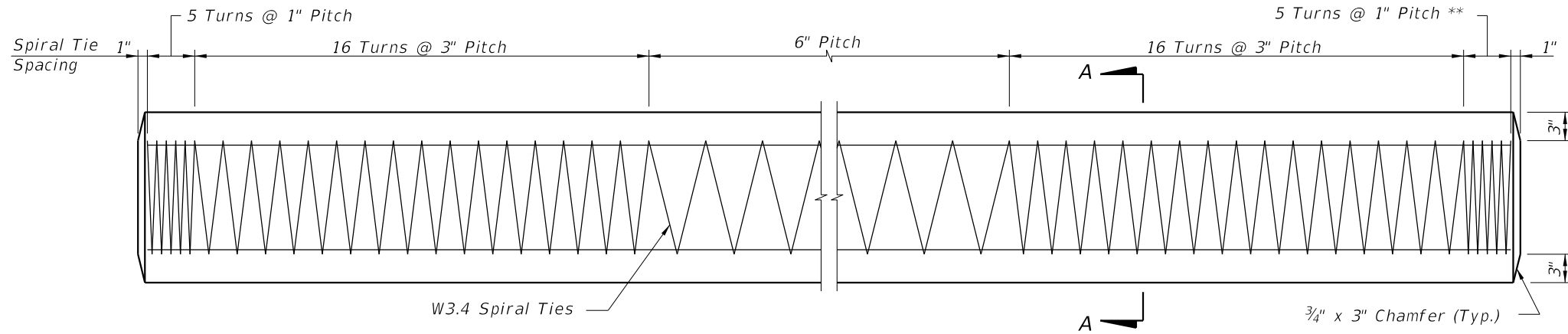


FY 2025-26
STANDARD PLANS

SQUARE PRESTRESSED CONCRETE PILE SPLICES

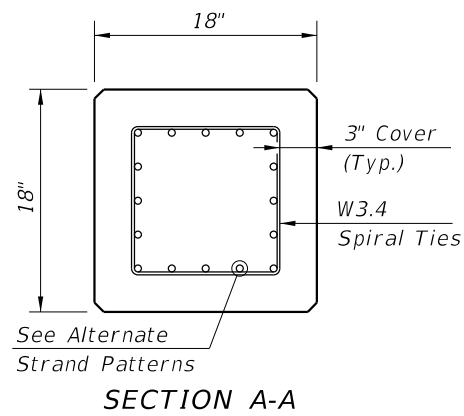
INDEX
455-002

SHEET
1 of 1



ELEVATION

** See Note 4 on Index 455-002

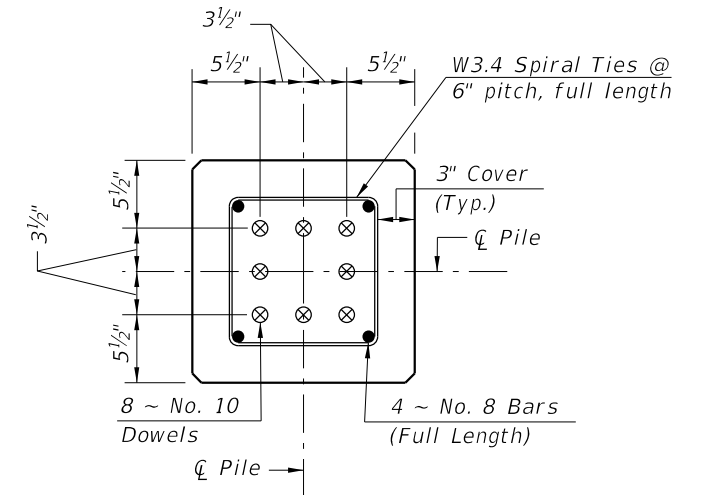


ALTERNATE STRAND PATTERNS

- 12 ~ 0.6" Ø, Grade 270 LRS, at 35 kips
- 12 ~ 1/2" Ø (Special), Grade 270 LRS, at 34 kips
- 16 ~ 1/2" Ø, Grade 270 LRS, at 26 kips
- 20 ~ 7/16" Ø, Grade 270 LRS, at 21 kips
- 24 ~ 3/8" Ø, Grade 270 LRS, at 17 kips

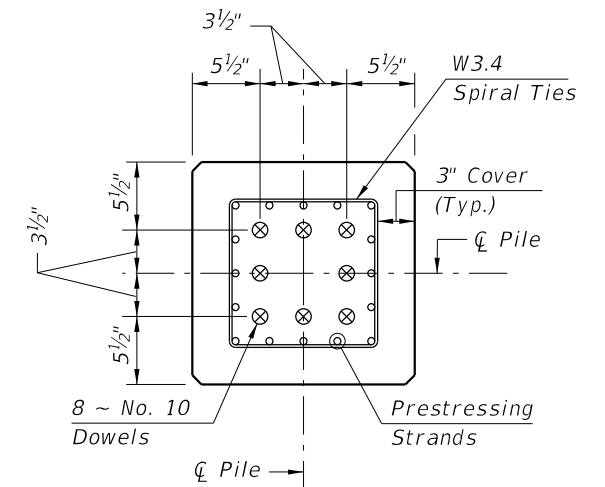
NOTES:

- Work this Index with Index 455-001 - Typical Details and Notes for Square Prestressed Concrete Piles and Index 455-002 - Square Prestressed Concrete Pile Splices.
- Any of the given Alternate Strand Patterns may be utilized. The strands shall be located as follows:
Place one strand at each corner and place the remaining strands equally spaced between the corner strands.
The total strand pattern shall be concentric with the nominal concrete section of the pile.



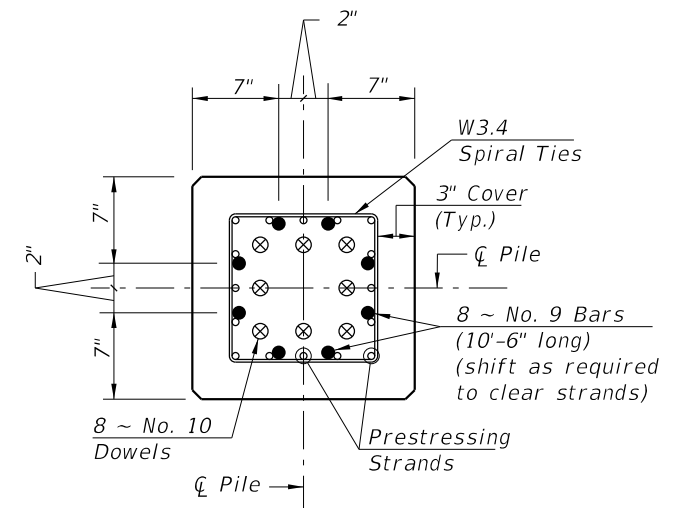
SECTION D-D

(See Non-Drivable Unforeseen Reinforced Precast Splice Detail)



SECTION E-E

(See Drivable Prestressed Precast Splice Detail)




SECTION F-F

(See Drivable Preplanned Splice Detail)

PILE SPLICE REINFORCEMENT DETAILS

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LAST REVISION 01/01/12	REVISION	DESCRIPTION:		FY 2025-26 STANDARD PLANS	18" SQUARE PRESTRESSED CONCRETE PILE	INDEX 455-018	SHEET 1 of 1
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DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

DA PERMIT NUMBER: SAJ-2000-03395(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 saj-rd-enforcement@usace.army.mil (preferred, not to exceed 15 MB) **or** by standard mail to U.S. Army Corps of Engineers, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019.*

1. Department of the Army Permit Number: SAJ-2000-03395(NWP-JLA)

2. Permittee Information:

Name: _____

Email: _____

Address: _____

Phone: _____

3. Construction Start Date: _____

4. Contact to Schedule Inspection:

Name: _____

Email: _____

Phone: _____

Signature of Permittee

Printed Name of Permittee

Date

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

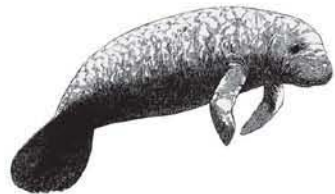
All project vessels

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