



## **AGENDA**

### **Niceville Community Redevelopment Agency (CRA) Board Meeting**

**August 12, 2025**

**5:00 PM**

- 1. Call to Order**
- 2. Approval of Minutes**
  - a. July 8, 2025 Regular Board Meeting**
- 3. Agenda Modifications**
- 4. Agenda Items**
  - a. Old Town Landing Phase I Bid – Recommendation to award and authorize the City Manager to enter into a contract with Soule Construction, LLC, the lowest responsive and responsible bidder, in the amount of \$2,853,257.22, for the Niceville Landing Phase I Project. Bid evaluation was conducted by Procurement Services in coordination with the Engineer of Record, and the firm’s proposal is deemed in the best interest of the City.**
- 5. Public Comment on Agenda Items**
- 6. Next Meeting – TBD**
- 7. Adjournment**



**2.a**

MINUTES  
NICEVILLE COMMUNITY REDEVELOPMENT AGENCY (CRA) BOARD MEETING  
CITY OF NICEVILLE, FLORIDA  
JULY 8, 2025

CRA Chairman Henkel called the meeting to order at 5 PM. All CRA Commissioners were present. Also present were Niceville City Manager, David Deitch, CRA Manager, Kristen Shell, and City Clerk, Wendy Farmer.

There were three members in the audience.

**1. Call to Order**

**2. Approval of Minutes**

**a. March 10, 2025 Regular Board Meeting.**

Commissioner Stauffer moved approval and Commissioner Schaetzle seconded. Commissioner Schaetzle stated on page two, paragraph two under public comment, the word good should be food. Mrs. Farmer stated she would correct the error.

Commission Vote: Tolbert-yes; Schaetzle-yes; Alley-yes; Henkel-yes; Stauffer-yes. Motion passed.

Commissioner Rominger arrived after the vote.

**3. Agenda Modifications**

Ms. Shell requested to add the cost estimate for Phase II of the Upland Park as 4 C.

Commissioner Alley moved approval and Commissioner Schaetzle seconded.

Commission Vote: Tolbert-yes; Schaetzle-yes; Alley-yes; Henkel-yes; Rominger-yes; Stauffer-yes. Motion passed.

**4. Agenda Items**

**a. Old Town Landing Phase I Bid Update**

Ms. Shell stated there was an inactive bid response period. The mandatory pre-bid meeting held July 1<sup>st</sup> only had one attendee. She had others reach out and stated they were interested but could not attend the meeting. There has been a second meeting set for July 15<sup>th</sup>. She is expecting to close at the end of July and start shortly thereafter. Commissioner Alley asked if this was being advertised as the sale of the property. Ms. Shell replied no, this was for the dock

and pier only, as such, it is the plan they approved prior for construction only. Commissioner Tolbert asked if the current bidder sent in a bid and Ms. Shell replied no. He then asked if there was anything in the matrix points for attending meetings and Ms. Shell replied no. Commissioner Tolbert asked if there would be an issue where the company who attended the mandatory meeting could protest due to them showing up and others not? Ms. Shell explained that it was amended in time that there would not be an issue. This is only a cost proposal. Commissioner Schaetzle asked when it would come back to the commission for a decision. Ms. Shell replied it would come back at the August meeting.

**b. Turkey Creek Capital Improvements Plan-Action Requested**

The city received a Florida Communities Trust (FCT) grant to build the Turkey Creek Park. Because of this, the city must complete certain projects. We can amend the original plan however we must include stormwater management and an interpretive display. The Neal Site must be amended since the canoe/launch/recovery facility has already been constructed. Discussion followed regarding stormwater holding pond locations, the mini storage water feature no longer be feasible, parking, if there is a need to install a turn lane, choices for the interpretive display, and landscaping.

Commissioner Tolbert moved to approve page 11 of the proposed management plan and the concept of the bubble plan on page 15 and Commissioner Stauffer seconded.

Commission Vote: Tolbert-yes; Schaetzle-yes; Alley-yes; Henkel-yes; Rominger-yes; Stauffer-yes. Motion passed.

**c. Phase II of the Upland Park Cost Estimate**

Ms. Shell stated she received the cost estimate for Phase II of the Landing. AVCON did the preliminary design which you approved, and the cost estimate came in at just at \$1.9 million with contingency. It includes shade covers, lighting, all the heavy landscaping, the bathroom facilities, the splash pad, as well as the stage area. Commissioner Alley asked if the two docks built near there were encroaching into our space. Ms. Shell replied no, there is a riparian setback, but the setback only applies to the City of Niceville because they are a residential dock, so they did not have to go through the same permitting process. We did survey the location of the docks so we know exactly where they are and exactly how they will interact with our facility. Commissioner Tolbert stated it was due to those docks we lost the play area and had to redesign the dock. Discussion followed regarding other changes due to the riparian rights and residential docks. Commissioner Henkel asked if this was more for informational purposes only. Ms. Shell replied yes and commented this could be the next CRA item to address on the Landing Project. Commissioner Alley asked what happened to the original \$700,000 estimated they originally gave us. Ms. Shell replied this was a more realistic figure. Commissioner Schaetzle asked as we get the bid in for this would the entire dock be constructed at once. Ms. Shell replied that it was already funded and that it is a different project. Commissioner Tolbert asked

where parking would be? Ms. Shell stated once the dock and pier construction has been completed, there would be temporary parking in the park area or on Edge Avenue while the Upland is being built.

**5. Public Comment on Agenda Items**

Christopher Saul, 1405 Clary Sage Lane, asked when the first phase might be completed. Ms. Shell replied in the contract they have 280 days for construction; they might finish sooner but that is the worst.

**6. Next Meeting – TBD**

Next meeting to be held August 12, 2025, 5 PM.

**7. Adjournment**

There being no further discussion, the meeting adjourned at 5:41 PM.

\_\_\_\_\_  
COMMISSION CHAIRMAN

ATTEST:

\_\_\_\_\_  
RECORDING SECRETARY

MinutesCRA07082025



**4.a**

August 5, 2025



208 North Partin Drive  
Niceville, FL 32578

PROCURMENT SERVICES

To: Mr. David Deitch, City Manager  
cc: Ms. Wendy Farmer, City Clerk

**RE:** Procurement Services/ Engineer of Record Recommendation – ITB 25-04 Niceville Landing Phase I

**Summary:**

Procurement Services, and the Engineer of Record have completed their review of the bids submitted in response to ITB 25-04 – Niceville Landing Phase I, which closed on August 4th, 2025. Two bids were received and reviewed in accordance with the City’s established procurement policies and the criteria outlined in the solicitation.

Bids received:	Bidder	Bid Amount
	Soule Construction, LLC	\$2,853,257.22
	Loftis Marine, LLC	\$3,424,910.00

**Recommendation:**

After a thorough evaluation, Procurement Services—along with the Engineer of Record—recommends awarding and entering into a contract with the most responsive and responsible low bidder, **Soule Construction, LLC, which submitted a bid of \$2,853,257.22**. The firm’s submittal was determined to be in the best interest of the City and meets all requirements of the solicitation.

Should you concur with this recommendation, I suggest placing the item on the agenda for the next City Council meeting to seek direction and approval to proceed with the award, and execution of the contract.

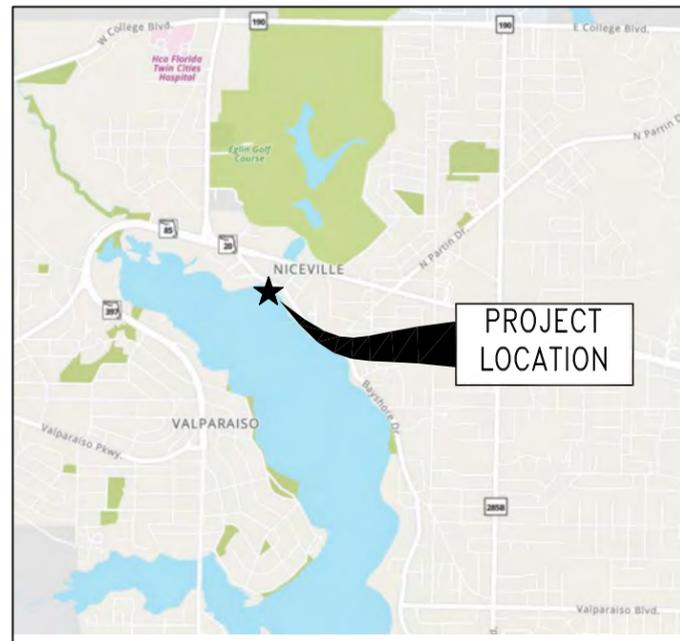
Please let me know if you require any additional information or would like to discuss the evaluation results in more detail.

Sincerely,

James Walters, CPM, ACM  
Procurement Services Director  
City of Niceville

# CONSTRUCTION PLANS FOR NICEVILLE LANDING CITY OF NICEVILLE, FL

DANIEL HENKEL - MAYOR  
CATHY ALLEY  
CARL DONAHOO  
SAL NADJOMIAN  
BILL SCHAEZLE  
DOUG STAUFFER  
DAVID DEITCH - CITY MANAGER  
KRISTEN SHELL - CITY PROJECT MANAGER



VICINITY MAP  
NOT TO SCALE



**APRIL 24, 2025**

PREPARED BY



SITE-CIVIL ENGINEERS

KG DEVELOPMENT SERVICES, LLC  
1550 CREIGHTON RD, SUITE 1  
PENSACOLA, FL 32504  
850-332-6288

FL Certificate of Auth. # 32274

KG PROJECT No. 2305-2

SHEET INDEX

SHEET	CONTENT
A-000	COVER SHEET
G-000	COVER SHEET
X-01	SURVEY
X-02	SURVEY
C-101	SITE PLAN
C-102	PILE AND BEAM LOCATION PLAN
C-103	JOIST AND DECKING PLAN
C-900	DETAILS
A-101	INDEX, KEY NOTES
A-102	CONCRETE PILE LAYOUT
A-103	CONCRETE BEAM LAYOUT
A-104	PLAN - MAIN STRUCTURE
A-105	BUNP-OUT SHADE STRUCTURE
A-200	SHADE STRUCTURE ELEVATIONS
A-300	SECTION - MAIN SHADE
A-301	SECTION - MAIN SHADE
A-302	SECTION - BUMP-OUT SHADE
A-400	RAILING DETAILS
A-500	SHADE STRUCTURE
A-501	SIGN
E-001	ELECTRICAL LEGEND
E-002	ELECTRICAL DETAILS
E-010	ELECTRICAL SITE PLAN
E-100	ELECTRICAL PIER PLAN
E-200	LIGHTING DETAILS
E-300	ELECTRICAL PANEL SCHEDULE & RISER
E-400	ELECTRICAL SECTIONS



# NICEVILLE LANDING SHADE STRUCTURES & RAILINGS

APRIL 2025



**SMA**  
SAM MARSHALL ARCHITECTS  
AA C000293  
SAM MARSHALL ARCHITECTS  
325 S. PALAFOX STREET  
PENSACOLA, FL 32502  
T (850) 433-7842  
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www.sammarshallarch.com



SITE-CIVIL ENGINEERS  
KG DEVELOPMENT SERVICES, LLC  
1550 CREIGHTON RD, SUITE 1  
PENSACOLA, FL 32504  
850-332-6288  
FL Certificate of Auth. # 32274



SHADE STRUCTURES & RAILINGS

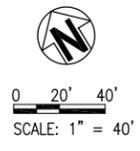
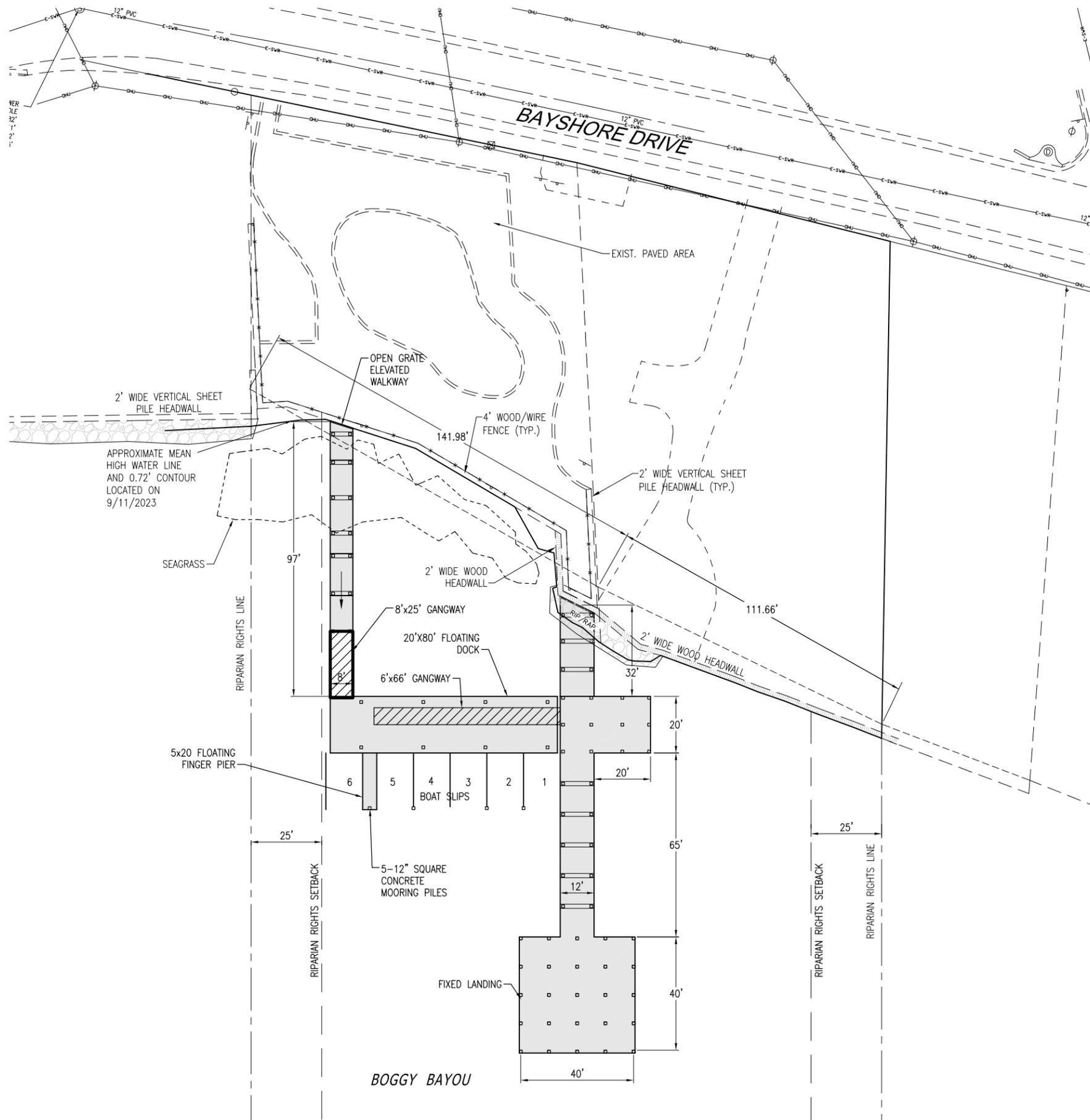
NICEVILLE LANDING

No.	Description	Date

**COVER SHEET**

Date 04/25/2025  
Drawn By Author  
Checked By Checker

**A000**



**SITE-CIVIL ENGINEERS**  
 KG DEVELOPMENT SERVICES, LLC  
 1550 CREIGHTON RD, SUITE 1  
 PENSACOLA, FL 32504  
 850-332-6288

DAVID K. HEMPHILL  
 FL Reg. Landscape Architect #502

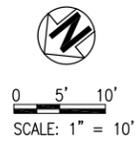
**NICEVILLE LANDING**  
 NICEVILLE, FL

NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO: 2305-2  
 DATE: APR 2025  
 PROJECT MGR: D HEMPHILL  
 SCALE: AS SHOWN

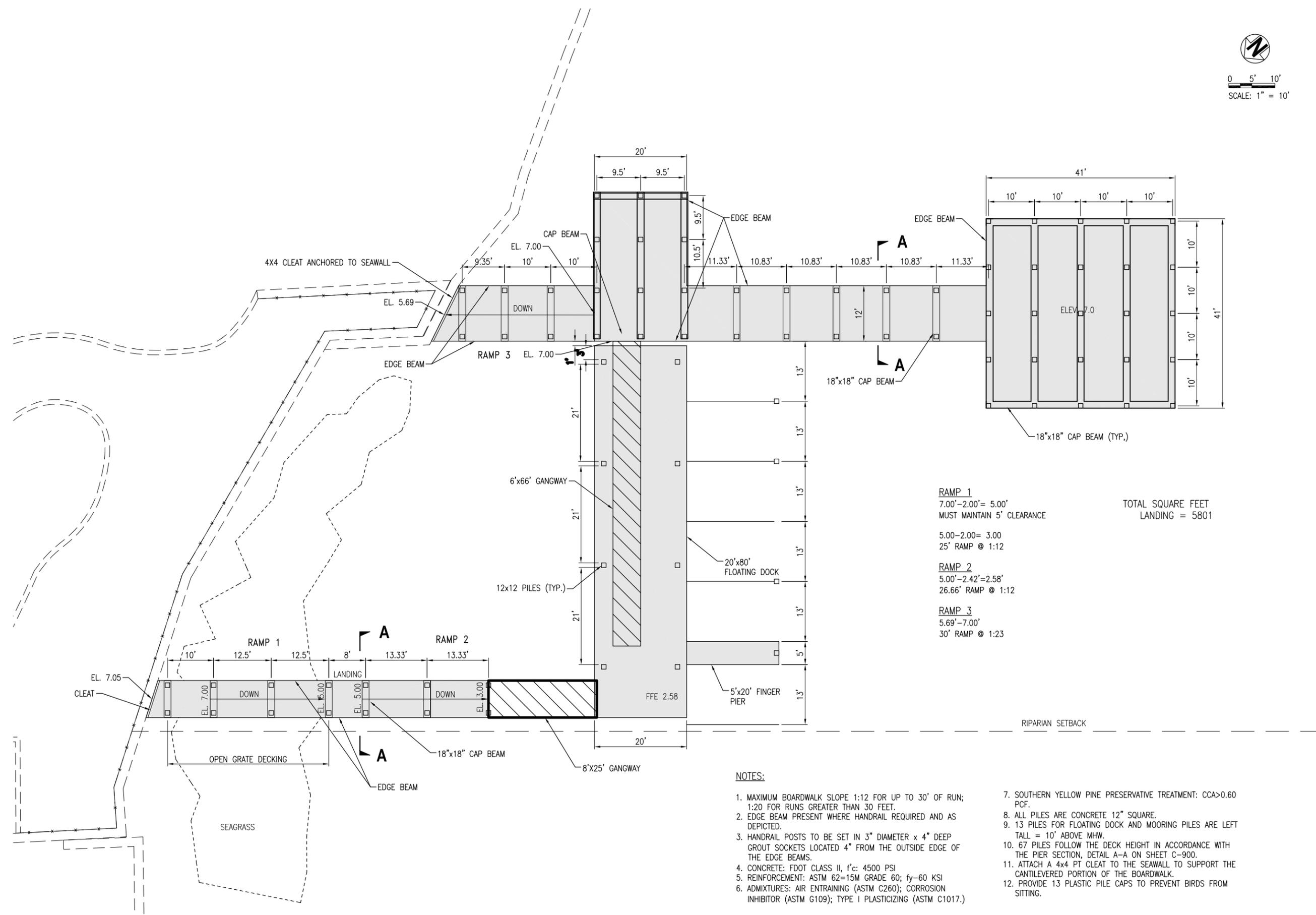
**SITE PLAN**  
**NOT RELEASED FOR CONSTRUCTION**

E:\DWG\KPC\Boggy Bayou\C-102 PilingPlan.dwg, Jun 11, 2025



DAVID K. HEMPHILL  
FL Reg. Landscape  
Architect #502

NICEVILLE LANDING  
NICEVILLE, FL



**RAMP 1**  
7.00'-2.00' = 5.00'  
MUST MAINTAIN 5' CLEARANCE  
5.00'-2.00' = 3.00  
25' RAMP @ 1:12

**RAMP 2**  
5.00'-2.42' = 2.58'  
26.66' RAMP @ 1:12

**RAMP 3**  
5.69'-7.00'  
30' RAMP @ 1:23

TOTAL SQUARE FEET  
LANDING = 5801

**NOTES:**

1. MAXIMUM BOARDWALK SLOPE 1:12 FOR UP TO 30' OF RUN; 1:20 FOR RUNS GREATER THAN 30 FEET.
2. EDGE BEAM PRESENT WHERE HANDRAIL REQUIRED AND AS DEPICTED.
3. HANDRAIL POSTS TO BE SET IN 3" DIAMETER x 4" DEEP GROUT SOCKETS LOCATED 4" FROM THE OUTSIDE EDGE OF THE EDGE BEAMS.
4. CONCRETE: FDOT CLASS II, f'c: 4500 PSI
5. REINFORCEMENT: ASTM 62=15M GRADE 60; fy=60 KSI
6. ADMIXTURES: AIR ENTRAINING (ASTM C260); CORROSION INHIBITOR (ASTM G109); TYPE I PLASTICIZING (ASTM C1017.)
7. SOUTHERN YELLOW PINE PRESERVATIVE TREATMENT: CCA>0.60 PCF.
8. ALL PILES ARE CONCRETE 12" SQUARE.
9. 13 PILES FOR FLOATING DOCK AND MOORING PILES ARE LEFT TALL = 10' ABOVE MHW.
10. 67 PILES FOLLOW THE DECK HEIGHT IN ACCORDANCE WITH THE PIER SECTION, DETAIL A-A ON SHEET C-900.
11. ATTACH A 4x4 PT CLEAT TO THE SEAWALL TO SUPPORT THE CANTILEVERED PORTION OF THE BOARDWALK.
12. PROVIDE 13 PLASTIC PILE CAPS TO PREVENT BIRDS FROM SITTING.

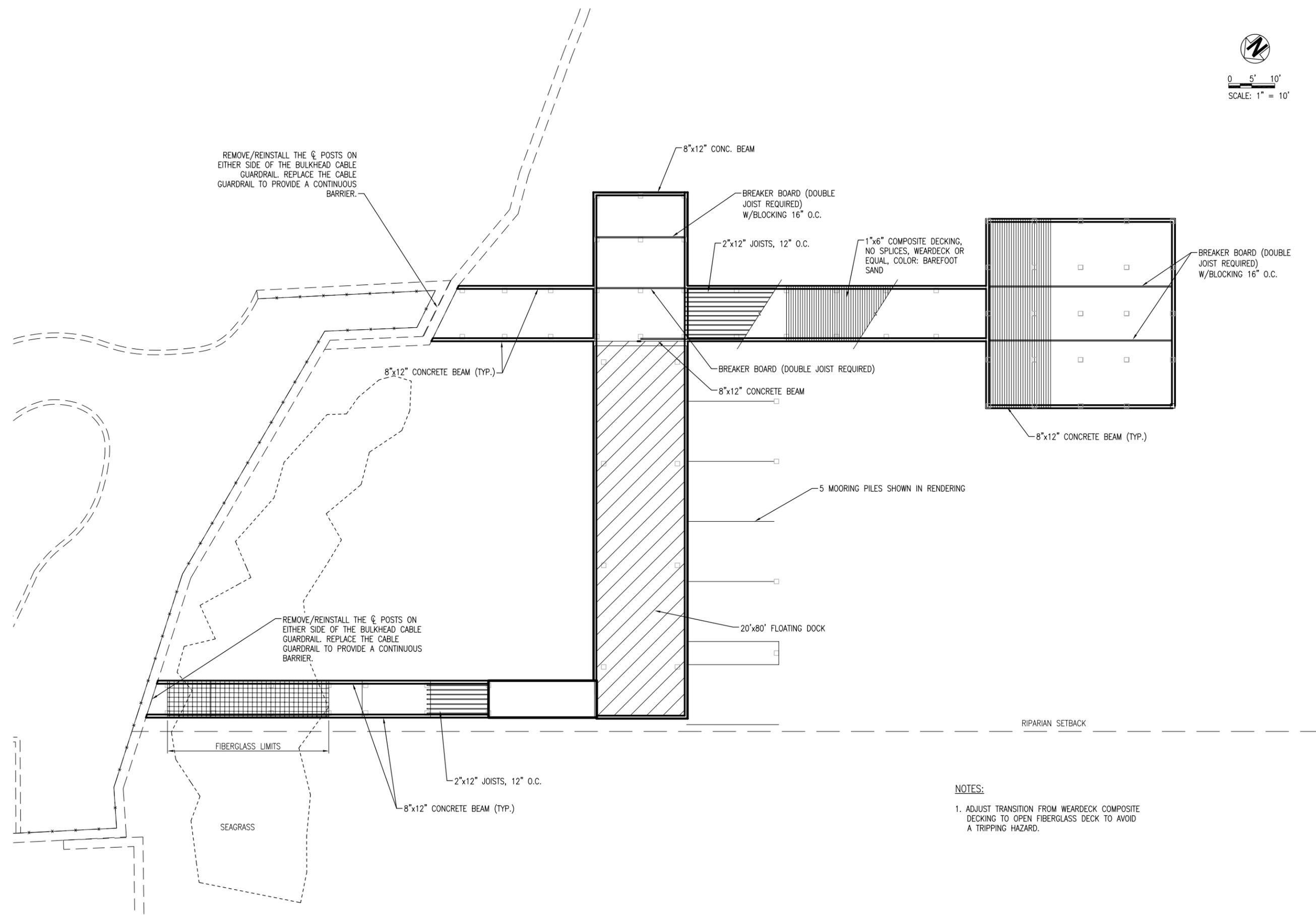
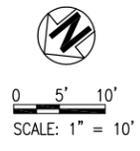
NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO: 2305-2  
DATE: APR 2025  
PROJECT MGR: D HEMPHILL  
SCALE: AS SHOWN

**PILE AND BEAM  
LOCATION PLAN**

**NOT RELEASED  
FOR CONSTRUCTION**

E:\DWG\VP\Bogy Boyou\C-103 DeckingPlan.dwg, Jun 11, 2025



**NOTES:**  
 1. ADJUST TRANSITION FROM WEARDECK COMPOSITE DECKING TO OPEN FIBERGLASS DECK TO AVOID A TRIPPING HAZARD.



DAVID K. HEMPHILL  
 FL Reg. Landscape  
 Architect #502

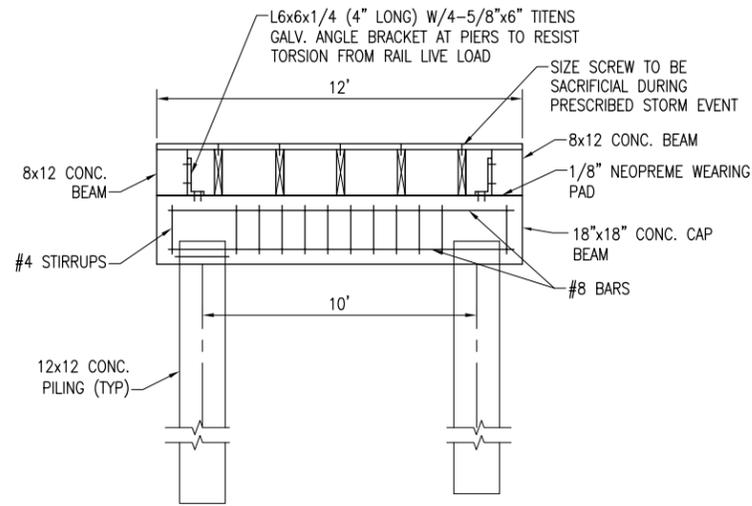
NICEVILLE LANDING  
 NICEVILLE, FL

NO.	DATE	APPR.	REVISION / ACTION TAKEN

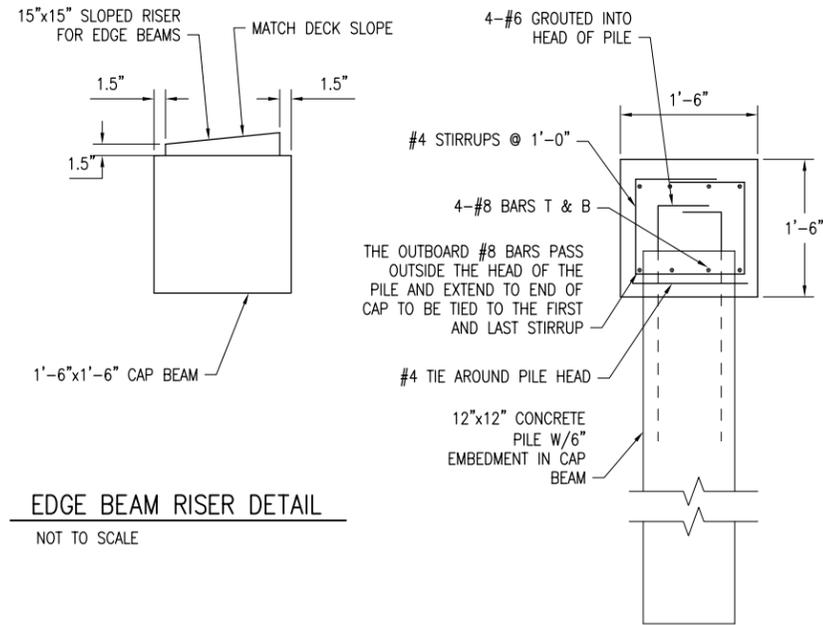
PROJECT NO: 2305-2  
 DATE: APR 2025  
 PROJECT MGR: D HEMPHILL  
 SCALE: AS SHOWN

**JOIST AND DECKING PLAN**  
**NOT RELEASED FOR CONSTRUCTION**

**C-103**

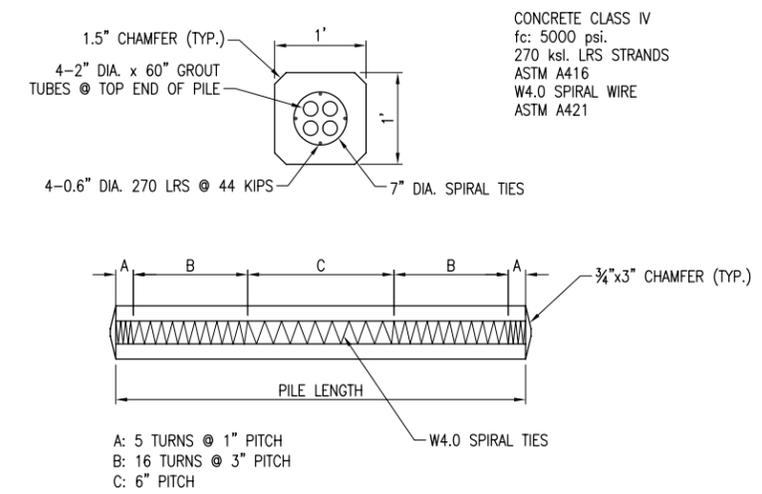


**SECTION A - A (PIER SECTION)**  
NOT TO SCALE



**EDGE BEAM RISER DETAIL**  
NOT TO SCALE

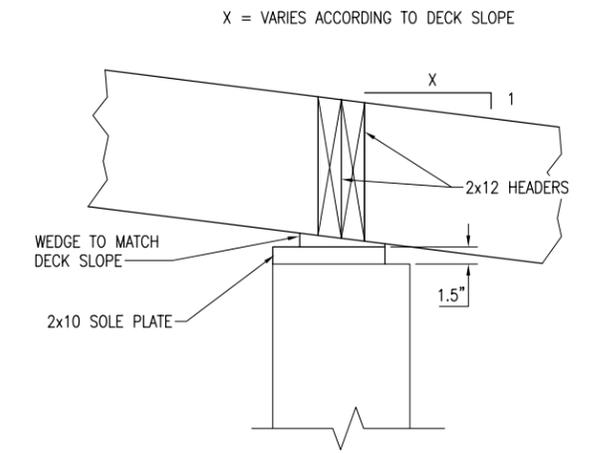
**PILE AND BEAM CONNECTION**  
NOT TO SCALE



**PRESTRESSED PILE DETAILS**  
NOT TO SCALE

**NOTES:**

1. ALL WOOD PRODUCTS ARE TO BE PRESSURE-TREATED TO MARINE LEVEL.
2. ALL HARDWARE (EXCEPT STRAPS) SHALL BE 304 STAINLESS STEEL.
3. JOISTS SHALL BE 12- FEET LONG TO PROVIDE AN OVERLAP AT EACH CAP BEAM W/6 FASTENERS ON EITHER SIDE OF OVERLAP.
4. STAINLESS STEEL TIE-DOWN STRAP SHALL BE SANDWICHED IN THE OVERLAP WITH 4 FASTENERS ON UPPER SIDE OF THE TIE-DOWN.
5. BLOCKING BETWEEN 2X12 JOISTS AT MID SPAN; 2X10 HEADERS AT SUPPORTS (HEADER FOR EACH SPAN TO BE FLUSH WITH TOP OF JOIST).
6. STAINLESS STEEL ANGLES FOR EACH JOIST: SIMPSON STRONG TIE ML24SS TO CONNECT JOISTS TO CONCRETE BEAMS, FASTENERS TO BE 1/4" X 4" SS TITENS.
7. 8X12 CONCRETE BEAM USE SS L6X6X1/4 ANGLES, 4" LONG, FASTENERS TO BE 6 - 5/8" X 6" SS TITENS
8. 1/8TH INCH NEOPRENE WEARING PAD WILL BE PLACED ON ALL CONCRETE SURFACES WHERE WOOD MEMBERS ARE IN CONTACT WITH THE CONCRETE.
9. WEARDECK COMPOSITE DECKING OR APPROVED EQUAL WILL BE CONNECTED TO THE WOOD JOISTS BY WAY OF HIDDEN STAINLESS EDGE DECK SCREWS USING A CAMO SYSTEM OR APPROVED EQUAL.
10. INSTALL WEARDECK COMPOSITE DECKING OR APPROVED EQUAL WITHOUT ANY SPICES SPANNING THE 12-FOOT WALKWAY. AT THE LANDING AND MID-SPAN OVERLOOK, USE A BREAKER BOARD SUPPORTED BY DOUBLE JOISTS.
11. ADJUST THE 12-FOOT-WIDE WALKWAY DETAIL TO THE 8-FOOT-WIDE WALKWAY BY DELETING TWO JOISTS.



**SECTION C - C**  
NOT TO SCALE

NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO: 2305-2	DATE: APR 2025	PROJECT MGR: D HEMPHILL	SCALE: AS SHOWN
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**DETAILS**  
**NOT RELEASED FOR CONSTRUCTION**



DAVID K. HEMPHILL  
Fl. Reg. Landscape Architect #502

**NICEVILLE LANDING**  
**NICEVILLE, FL**

**C-900**

**ALUMINUM SHADE STRUCTURES AND ALUMINUM RAILINGS SPECIFICATIONS**

**CONDITIONS AND REQUIREMENTS:**

1.1. The Contractor shall furnish all labor, equipment, and perform all work and services for the complete fabrication and installation of aluminum shade structures and aluminum railings. The work shall be coordinated with work of all other trades.

1.2. Although such work is not specifically indicated, furnish and install all supplementary and miscellaneous items, appurtenances and devices incidental to or necessary for a sound, secured and complete installation.

1.3. Verify dimensions by field measurements before fabrication, wherever possible without delaying project.

1.4 The design and fabrication of the shade structures and railings shall be in accordance with the current 2023 Florida Building Code including the Florida Accessibility Code.

1.5 The design of the shade structures and railings are to be "Delegated / Specialty Engineered by a Florida Registered and Licensed Engineer." The shade structure engineering to include the noting of penetrations and openings for the concealment of conduit and cabling for power and lighting. Coordinate with electrical details and notes.

**SUBMITTALS:**

2.1 Provide shop drawings for fabrication and erection. Include plans, elevations and details. Show all anchorage and accessory items and finishes. Field verify all dimensions. All shop drawings shall be signed and sealed by a Registered Professional Engineer. Provide samples of aluminum railing components and finishes of the shade structures and railings. Shade structure engineering to include the concealment of conduit & cabling for power and lighting.

**QUALITY ASSURANCE:**

3.1 Manufacturer's and Fabricator's Qualifications: Provide Shade Structures and Railing systems manufactured / fabricated by a firm(s) experienced in manufacturing / fabricating systems that are similar to those indicated for this project and have a record of successful in-service performance.

3.2 Design Criteria: The drawings indicate sizes, profiles and dimensional requirements of the shade structures and railings.

1. The aluminum shade structures fabrication: Work shall be performed by experienced and qualified fabricators who have experience in aluminum fabrication. Fabrication requires knowledge of aluminum alloys, TIG welding, aluminum detailing, and finish applications.

2. The aluminum railings manufacturer / fabrication: Work shall be performed by experienced and qualified fabricators who have experience in aluminum railings. Railing components noted are by Eastern Metal Supply. Equal or better components will be considered.

3.3 All welded connections shall be TIG welded. Components of the shade structure may be welded together to form sections that are bolted together for the fluoropolymer coating system. Bolted connections may include bolts, nuts, washers, and other connectors.

3.4 Handrails and guards shall be designed to resist a linear load of 50 pounds per linear foot in accordance with Section 4.5.1 of ASCE 7. Handrails and guards shall be designed to resist a concentrated load of 200 pounds in accordance with Section 4.5.1 of ASCE 7.

3.5 Coordinate the aluminum shade structures and railings with the materials and installation of the concrete pier and dock components.

3.6 Verify suitability of substrates to accept installation of aluminum shade structures and railings. Installer assumes responsibility for performance.

**MATERIALS:**

4.1 Aluminum for the shade structures is noted on the drawings. 6061 Aluminum is a minimum noted for the columns. 6063 Aluminum is noted as a minimum for the beams and curved components.

4.2 Aluminum for the railing (Handrail and Guardrail System) shall be designed by an engineer to meet the requirements set forth on the contract documents.

4.3 Fasteners shall be type 300 stainless steel. Supply crown cover caps at exposed railing base plate fasteners. Fasteners for the railings shall be concealed or tamper-proof.

**ERECTION:**

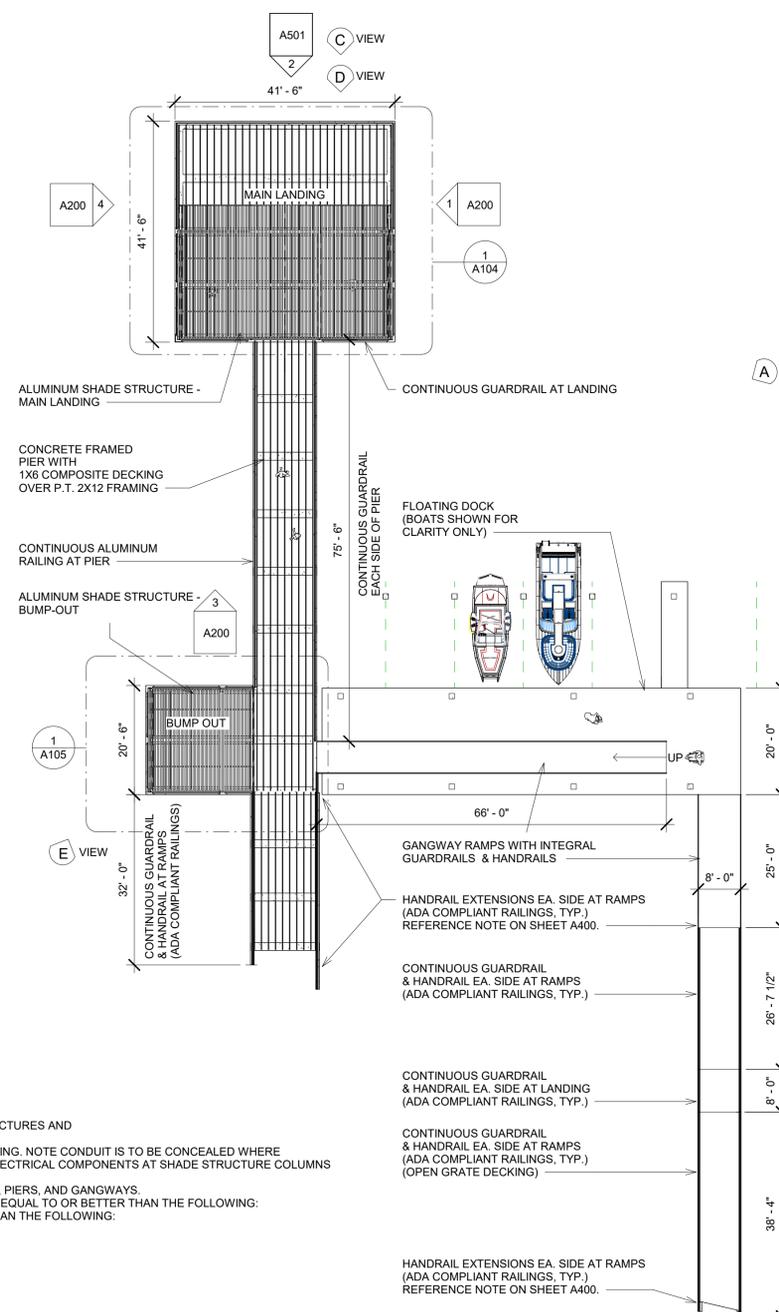
5.1 All material shall be assembled in strict accordance with the manufacturer's recommendations and approved shop drawings. The finished shade structures and railings shall be erected plumb with lines straight and true. Shade structures and railings shall be installed as shown on approved shop drawings by mechanics experienced in the installation of aluminum structures.

5.2 Where dissimilar metals are in contact, the surfaces shall be protected with a bituminous paint or asphalt varnish.

5.3 Where aluminum is covered by concrete or grout, the surfaces of the aluminum shall be protected with a bituminous paint or asphalt varnish.

5.4 The shade structures and railings shall be designed and configured for a minimum amount of maintenance and occupant risk. Coordinate with electrical for installation of electrical components. There shall be no exposed hand holes or ledges for occupants to grasp.

5.5 Clean and touch-up surfaces where abrasions, marks, skips, or other defects to the material and finish have occurred. Apply the appropriate touch-up finish paint at marks or abrasions. Replace damaged components. After installation and cleaning, protect from damage until final acceptance of the project.



NOTE:  
1. ARCHITECTURAL DRAWINGS INCLUDE THE ALUMINUM SHADE STRUCTURES AND RAILINGS ONLY.  
2. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND LIGHTING. NOTE CONDUIT IS TO BE CONCEALED WHERE POSSIBLE. SEE PLANS FOR LOCATIONS OF RECEPTACLES, LIGHTS, ELECTRICAL COMPONENTS AT SHADE STRUCTURE COLUMNS AND OTHER MEMBERS.  
3. COORDINATE WITH CIVIL AND STRUCTURAL DRAWINGS FOR DOCKS, PIERS, AND GANGWAYS.  
4. THE PAINT FOR THE SHADE STRUCTURES AND RAILINGS ARE TO BE EQUAL TO OR BETTER THAN THE FOLLOWING: FLUOROPOLYMER COATING SYSTEM EQUAL TO OR BETTER THAN THE FOLLOWING: PPG - DURANAR "BONE WHITE" UC43350  
5. SEE SHEET A500 FOR RENDERING VIEWS A-E.

1 OVERALL - KEY PLAN VIEW  
1/16" = 1'-0"

Sheet List	
Sheet Number	Sheet Name

A101	INDEX, KEY PLAN, NOTES
A200	SHADE STRUCTURE ELEVATIONS
A000	COVER SHEET
A104	PLAN - MAIN STRUCTURE
A105	BUMP-OUT SHADE STRUCTURE
A300	SECTION - MAIN SHADE
A102	LANDING CONCRETE PILES
A103	CONCRETE BEAM LAYOUT
A302	SECTION - BUMP-OUT SHADE
A301	SECTION - MAIN SHADE
A400	RAILING DETAILS
A500	VIEWS
A501	SIGNAGE ELEVATION

DELEGATED DESIGN NOTE: THE ALUMINUM SHADE STRUCTURES AND ALUMINUM RAILINGS ARE TO BE SPECIALTY ENGINEERED / DELEGATED DESIGN BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.

SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING

No.	Description	Date

**INDEX, KEY PLAN, NOTES**

Date 04/25/2025  
Drawn By Author  
Checked By Checker

**A101**

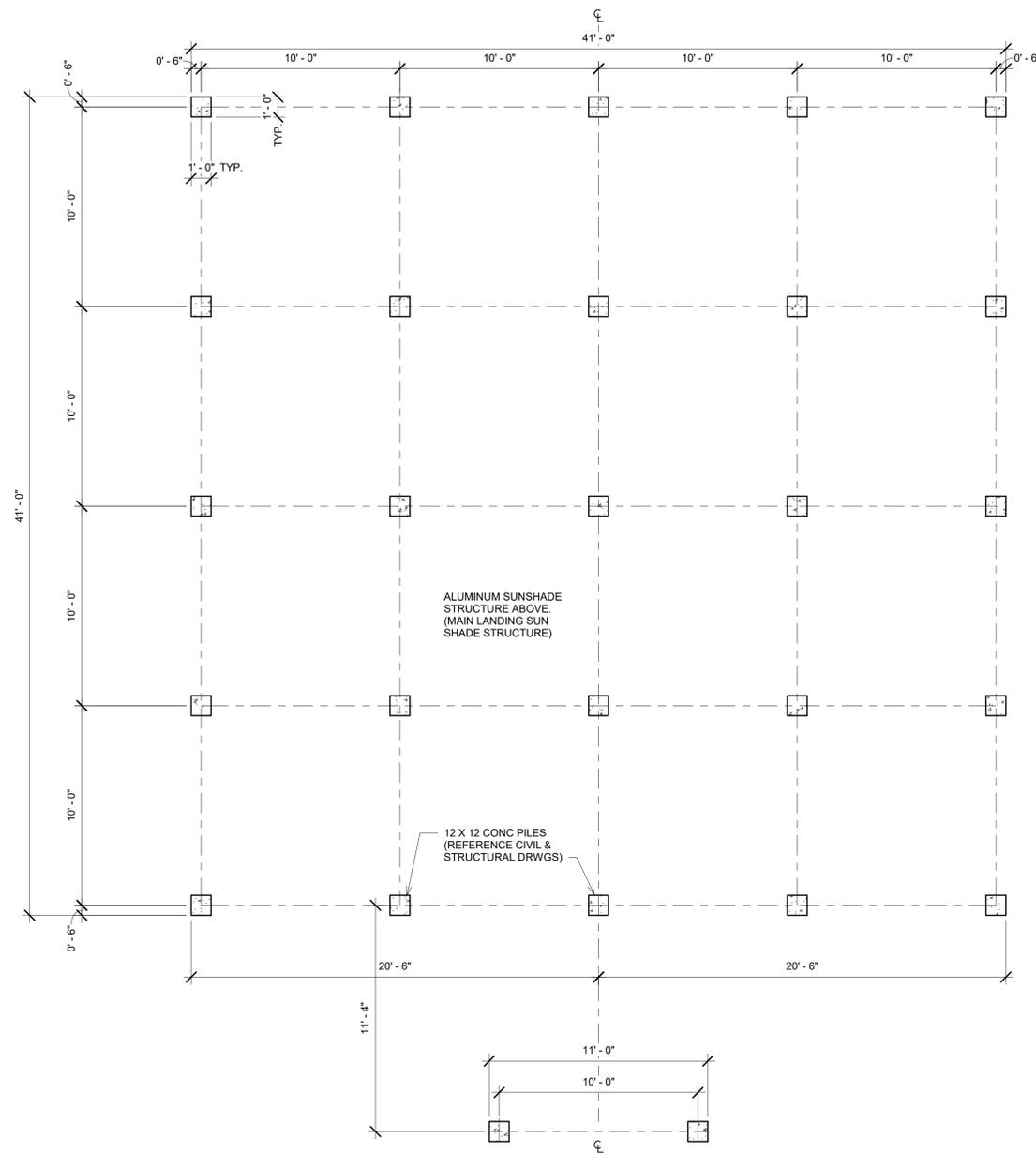
NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER RECEPTACLES  
 LOCATED AT SHADE STRUCTURE COLUMNS & THE LIGHTING LAYOUT.  
 COORDINATE WITH CIVIL AND STRUCTURAL FOR DOCK AND PIER STRUCTURE.



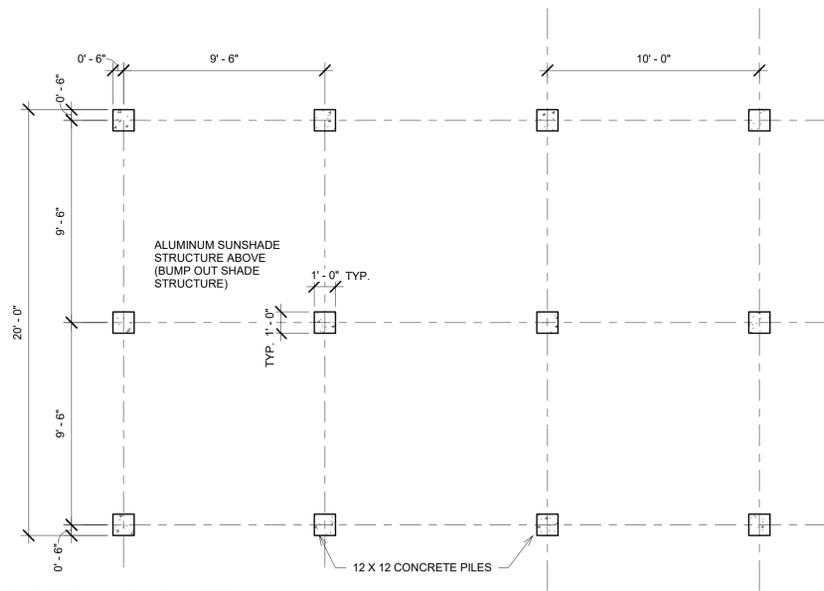
SAM MARSHALL ARCHITECTS  
 AA C000293

325 S. PALAFOX STREET  
 PENSACOLA, FL 32502  
 T (850) 433-7842  
 F (850) 433-0510

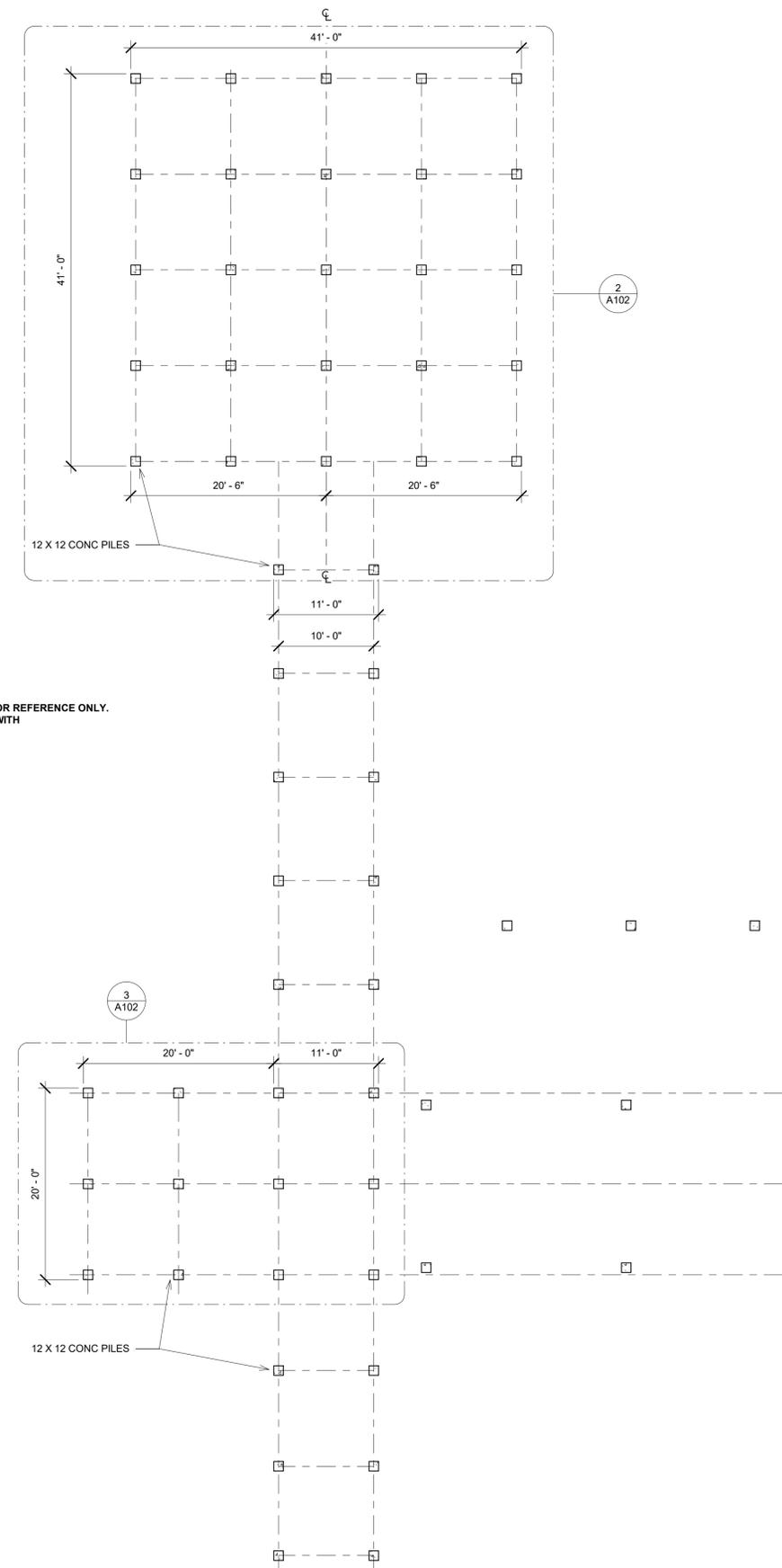
www.sammarshallarch.com



② BAYOU BOTTOM LEVEL - ENLARGED  
 LANDING CONC PILES  
 1/4" = 1'-0"



③ BAYOU BOTTOM LEVEL - ENLARGED  
 BUMP OUT CONC PILES  
 1/4" = 1'-0"



NOTE: CONCRETE PILING LAYOUT IS FOR REFERENCE ONLY.  
 COORDINATE LOCATIONS OF PILING WITH  
 CIVIL AND STRUCTURAL DRAWINGS.

① BAYOU BOTTOM LEVEL  
 1/8" = 1'-0"

SHADE STRUCTURES & RAILINGS  
 NICEVILLE LANDING

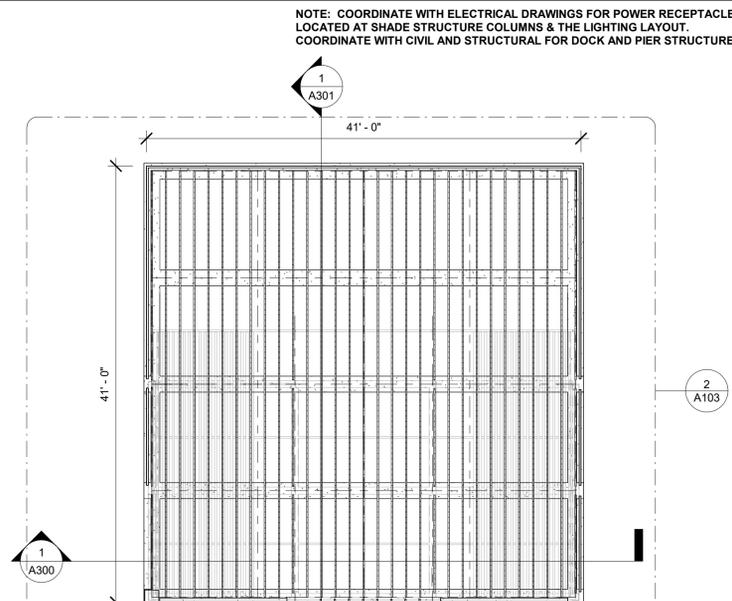
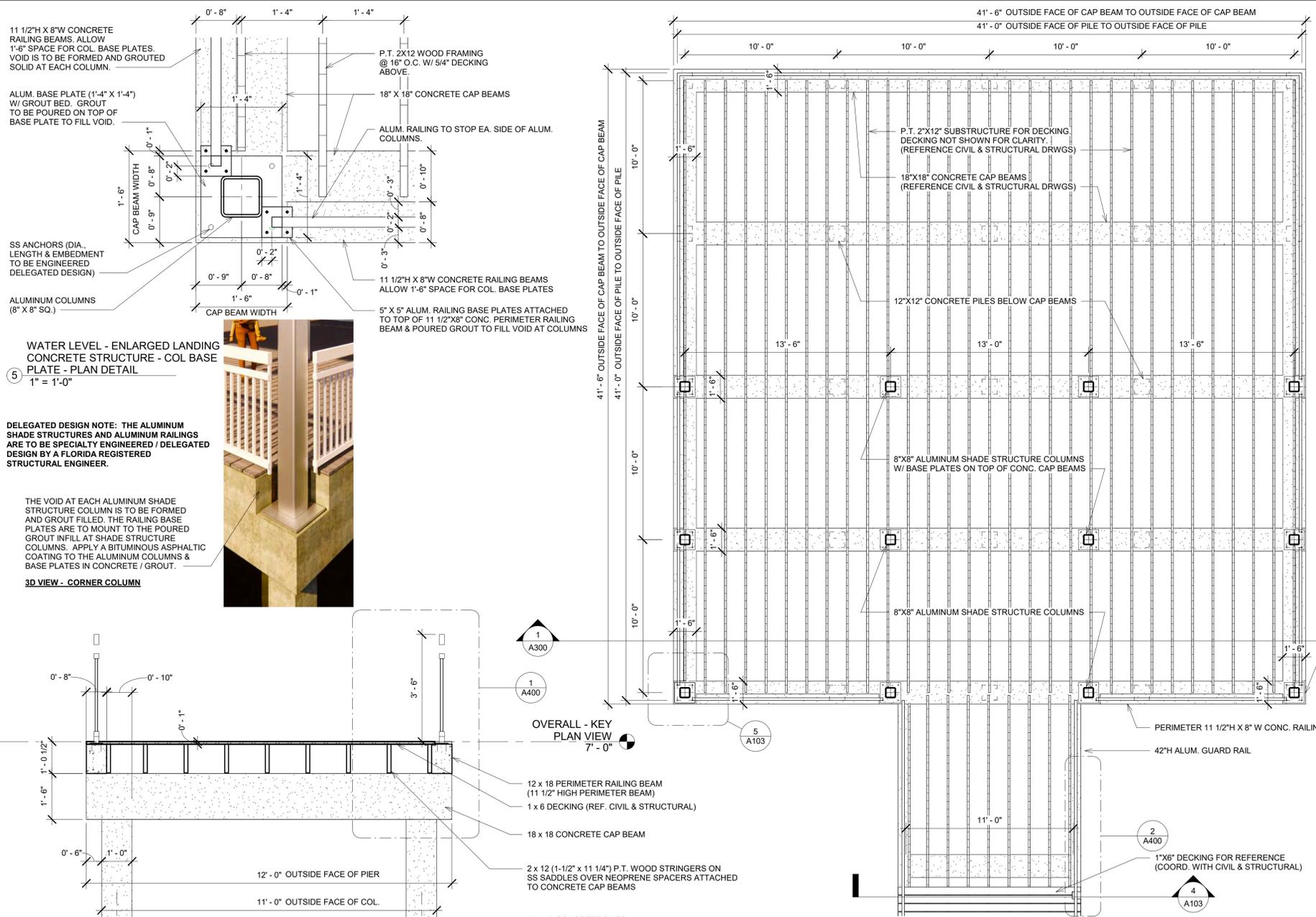
No.	Description	Date

LANDING  
 CONCRETE  
 PILES

Date 04/25/2025  
 Drawn By Author  
 Checked By Checker

A102

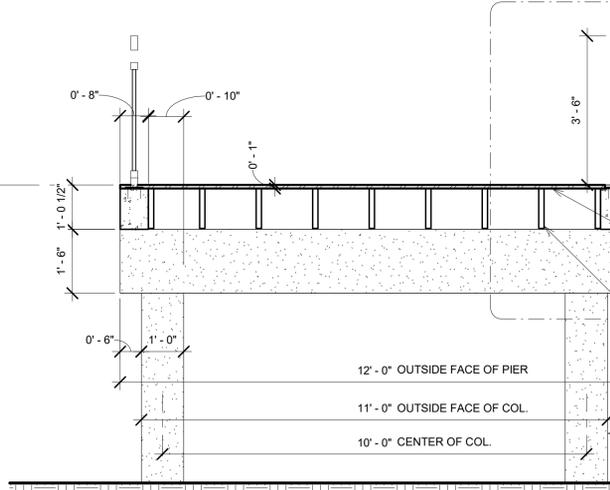
NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER RECEPTACLES LOCATED AT SHADE STRUCTURE COLUMNS & THE LIGHTING LAYOUT. COORDINATE WITH CIVIL AND STRUCTURAL FOR DOCK AND PIER STRUCTURE.



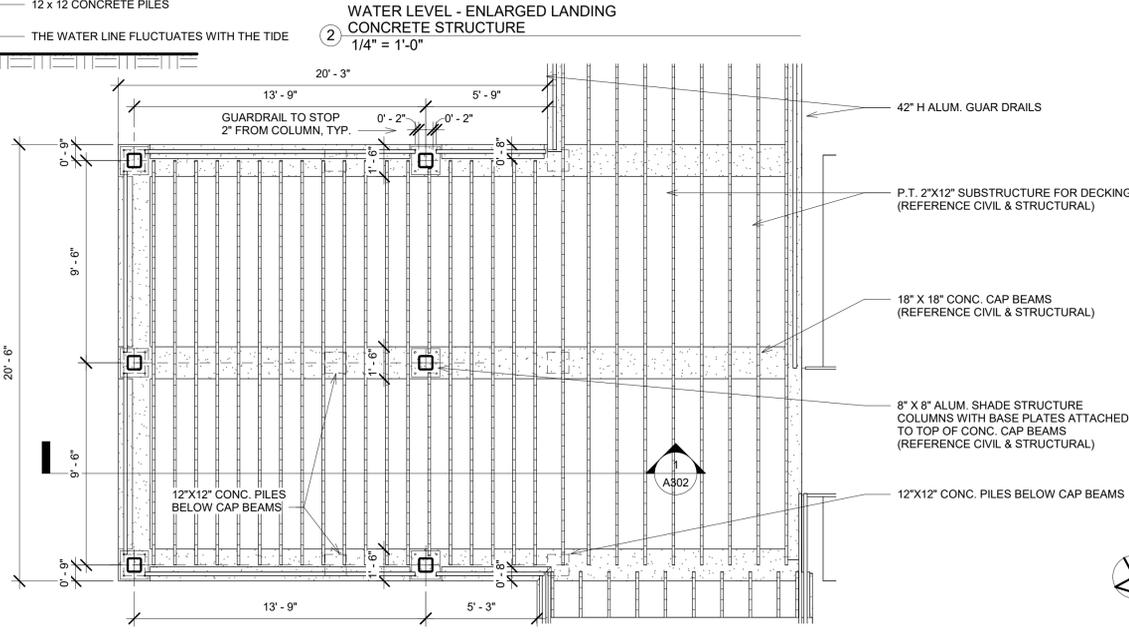
⑤ WATER LEVEL - ENLARGED LANDING CONCRETE STRUCTURE - COL BASE PLATE - PLAN DETAIL  
1" = 1'-0"

DELEGATED DESIGN NOTE: THE ALUMINUM SHADE STRUCTURES AND ALUMINUM RAILINGS ARE TO BE SPECIALTY ENGINEERED / DELEGATED DESIGN BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.

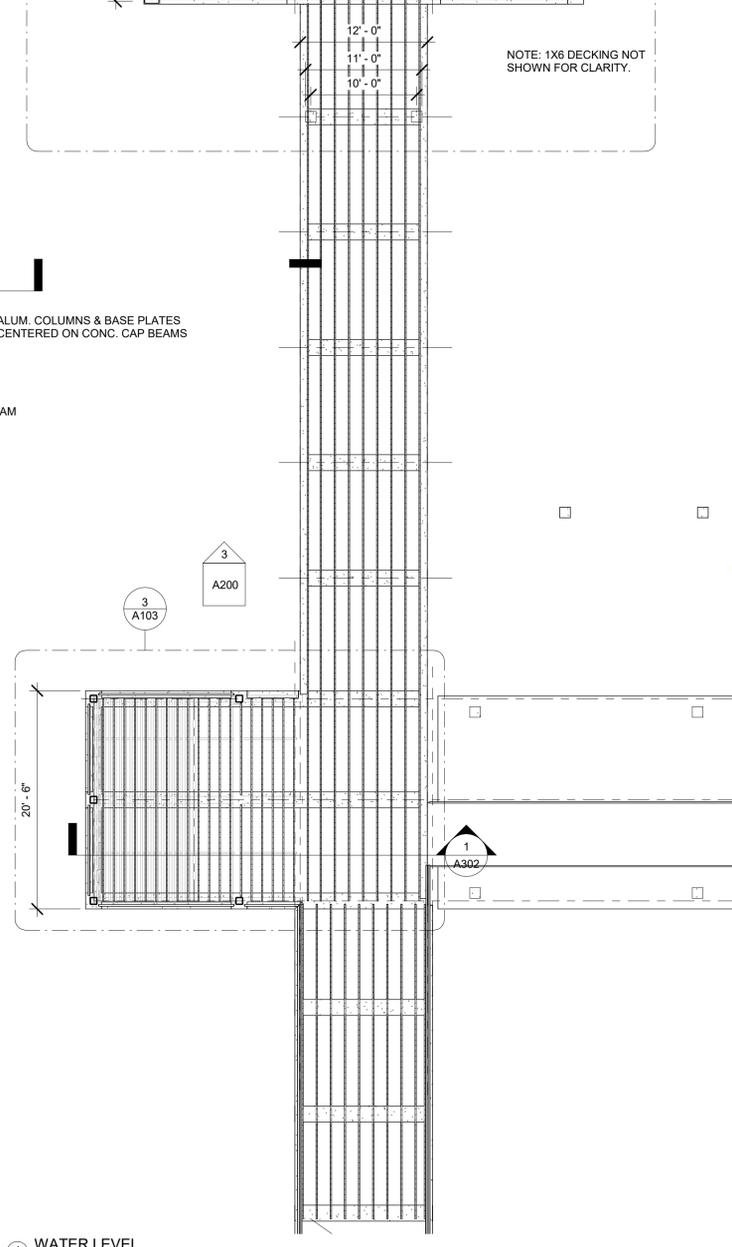
THE VOID AT EACH ALUMINUM SHADE STRUCTURE COLUMN IS TO BE FORMED AND GROUT FILLED. THE RAILING BASE PLATES ARE TO MOUNT TO THE POURED GROUT INFILL AT SHADE STRUCTURE COLUMNS. APPLY A BITUMINOUS ASPHALTIC COATING TO THE ALUMINUM COLUMNS & BASE PLATES IN CONCRETE / GROUT.  
**3D VIEW - CORNER COLUMN**



④ WALK WAY SECTION  
1/2" = 1'-0"



③ WATER LEVEL - ENLARGED BUMP-OUT  
1/4" = 1'-0"



① WATER LEVEL  
1/8" = 1'-0"

DELEGATED DESIGN NOTE: THE ALUMINUM SHADE STRUCTURES AND ALUMINUM RAILINGS ARE TO BE SPECIALTY ENGINEERED / DELEGATED DESIGN BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.

SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING

No.	Description	Date

**CONCRETE BEAM LAYOUT**

Date 04/25/2025  
Drawn By Author  
Checked By Checker

**A103**



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SHADE STRUCTURES & RAILINGS

NICEVILLE LANDING

NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER RECEPTACLES  
LOCATED AT SHADE STRUCTURE COLUMNS & THE LIGHTING LAYOUT.  
COORDINATE WITH CIVIL AND STRUCTURAL FOR DOCK AND PIER STRUCTURE.

1  
A301

41'-6"

15'-6"

5'-0"  
SHADE STRUCTURE  
OVERHANG

41'-6"

41'-0"

10'-0"

20'-0"

10'-0"

1  
A300

13'-6"

13'-0"

13'-6"

1'-6"

CONCRETE CAP BEAMS  
(COORD. WITH CIVIL & STRUCTURAL)

0'-8"

11-1/2" H X 8" W PERIMETER CONCRETE  
RAILING BEAM.

0'-8"

42" H ALUMINUM RAILING ATTACHED  
TO 11-1/2" H X 8" W CONCRETE BEAM.

NOTE: P.T. 2X12'S AND DECKING NOT SHOWN FOR CLARITY.  
(COORD. WITH CIVIL & STRUCTURAL)

NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER RECEPTACLES  
LOCATED AT SHADE STRUCTURE COLUMNS & THE LIGHTING LAYOUT. CONDUIT  
IS TO BE CONCEALED WHERE POSSIBLE. ENGINEERING OF COLUMNS AND BEAMS  
TO REFLECT PENETRATIONS AND OPENINGS FOR CONDUIT AND CABLING.

0'-6" 0'-6"  
0'-6" 0'-6"

RADIUSED RECTANGULAR 2"X6" ALUM. TUBE  
TO CAP PERIMETER. CAP ALL ENDS, TOPS,  
AND PROVIDE MITERED CORNERS.  
(6063 ALUMINUM)

2"X6" ALUM. LINEAR TRELLIS COMPONENTS  
@ 6" O.C.  
(6063 ALUMINUM)

12" H X 8" W RADIUSED ALUM. BEAMS SUPPORTING  
2"X6" TRELLIS COMPONENTS.  
(6063 ALUMINUM)

8" X 8" ALUMINUM COLUMN BELOW  
(6061 ALUMINUM)

ALUMINUM GUARD RAILING STOPS EA. SIDE OF  
8"X8" SHADE STRUCTURE COLUMNS.  
RAILING BASE PLATE ATTACHED TO TOP  
OF PERIMETER CONC 11-1/2" H X 8" W RAILING  
BEAM AND POURED CONCRETE FILL AT  
COLUMN BASE PLATE POCKET (VOID 1'-6").

0'-8"

1'-6"

8"X8" ALUMINUM COLUMN BELOW  
(6061 ALUMINUM)

DELEGATED DESIGN NOTE: THE ALUMINUM  
SHADE STRUCTURES AND ALUMINUM RAILINGS  
ARE TO BE SPECIALLY ENGINEERED / DELEGATED  
DESIGN BY A FLORIDA REGISTERED / DELEGATED  
STRUCTURAL ENGINEER.

1 PLAN VIEW - MAIN SHADE STRUCTURE  
1/2" = 1'-0"

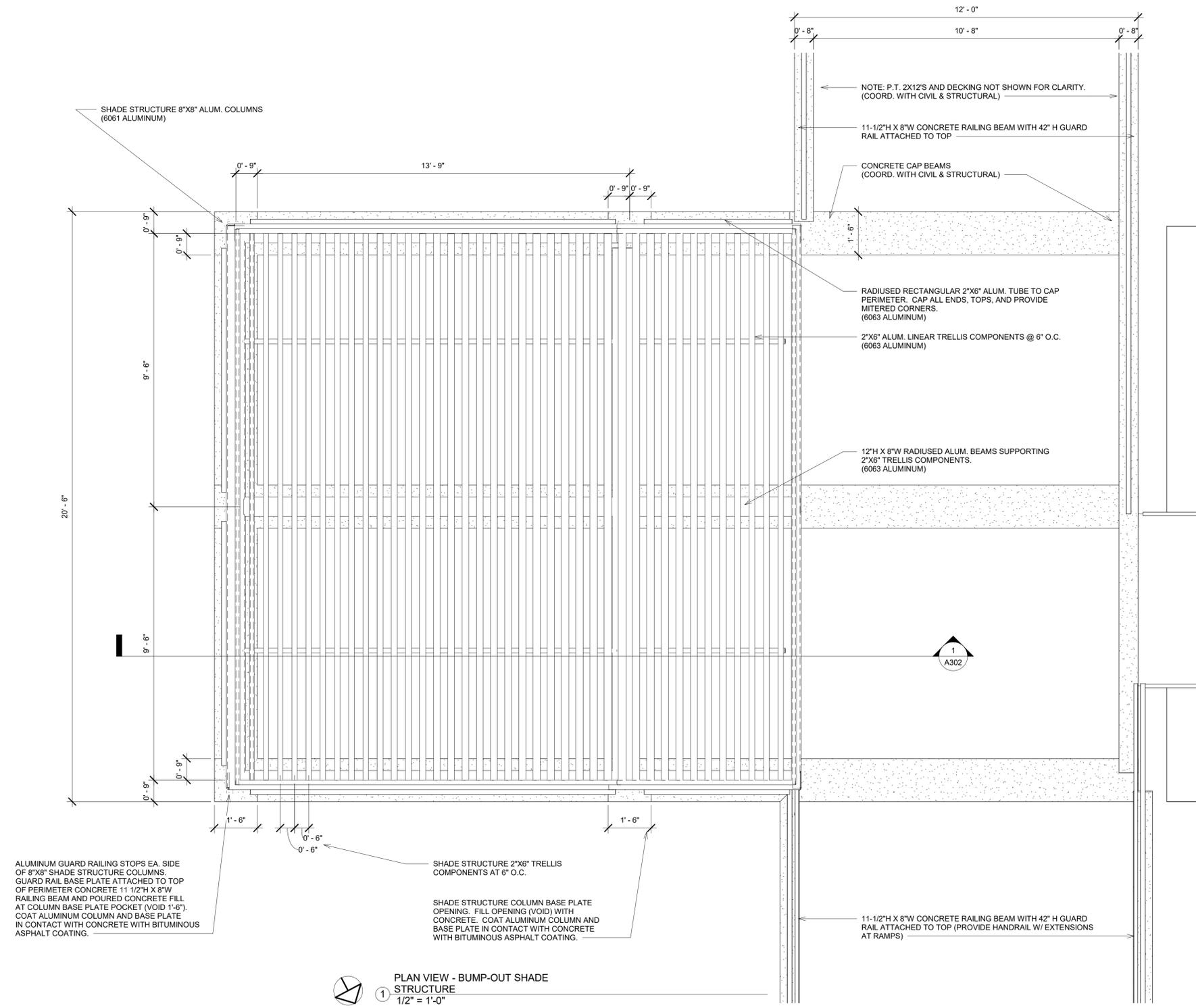
No.	Description	Date

PLAN -  
MAIN  
STRUCTURE

Date 04/25/2025  
Drawn By Author  
Checked By Checker

A104

SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING



ALUMINUM GUARD RAILING STOPS EA. SIDE OF 8"X8" SHADE STRUCTURE COLUMNS. GUARD RAIL BASE PLATE ATTACHED TO TOP OF PERIMETER CONCRETE 11 1/2" H X 8" W RAILING BEAM AND POURED CONCRETE FILL AT COLUMN BASE PLATE POCKET (VOID 1'-6"). COAT ALUMINUM COLUMN AND BASE PLATE IN CONTACT WITH CONCRETE WITH BITUMINOUS ASPHALT COATING.

SHADE STRUCTURE 2"X6" TRELLIS COMPONENTS AT 6" O.C.

SHADE STRUCTURE COLUMN BASE PLATE OPENING. FILL OPENING (VOID) WITH CONCRETE. COAT ALUMINUM COLUMN AND BASE PLATE IN CONTACT WITH CONCRETE WITH BITUMINOUS ASPHALT COATING.

1 PLAN VIEW - BUMP-OUT SHADE STRUCTURE  
1/2" = 1'-0"

NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER RECEPTACLES LOCATED AT SHADE STRUCTURE COLUMNS & THE LIGHTING LAYOUT. CONDUIT IS TO BE CONCEALED WHERE POSSIBLE. ENGINEERING OF COLUMNS AND BEAMS TO REFLECT PENETRATIONS AND OPENINGS FOR CONDUIT AND CABLING.

NOTE: DELEGATED DESIGN NOTE: THE ALUMINUM SHADE STRUCTURES AND ALUMINUM RAILINGS ARE TO BE SPECIALTY ENGINEERED / DELEGATED DESIGN BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.

No.	Description	Date

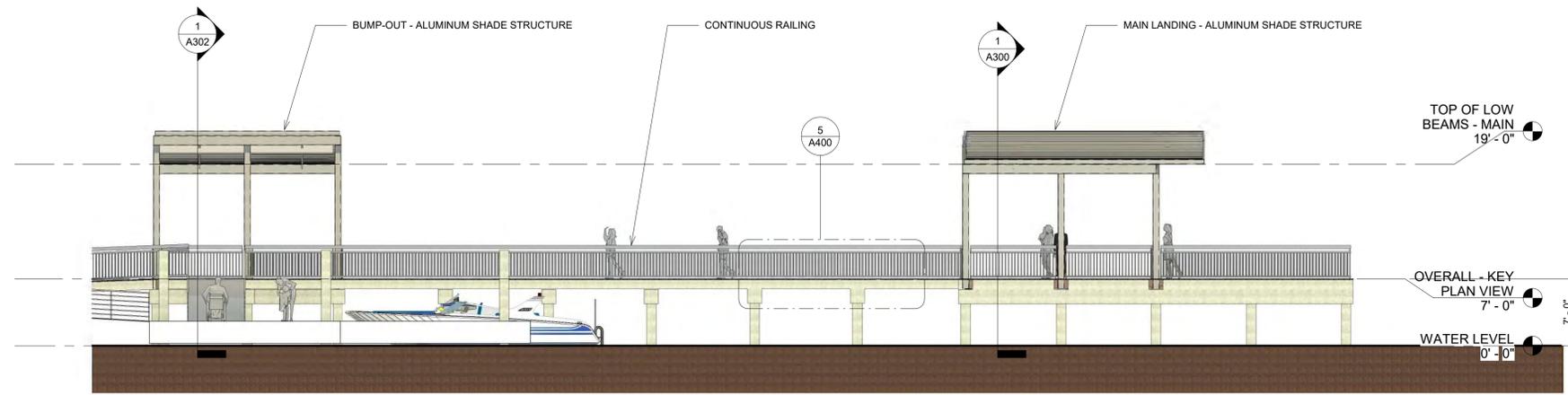
BUMP-OUT SHADE STRUCTURE

Date 04/25/2025  
Drawn By Author  
Checked By Checker

A105

DELEGATED DESIGN NOTE: THE ALUMINUM SHADE STRUCTURES AND ALUMINUM RAILINGS ARE TO BE SPECIALTY ENGINEERED / DELEGATED DESIGN BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.

SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING



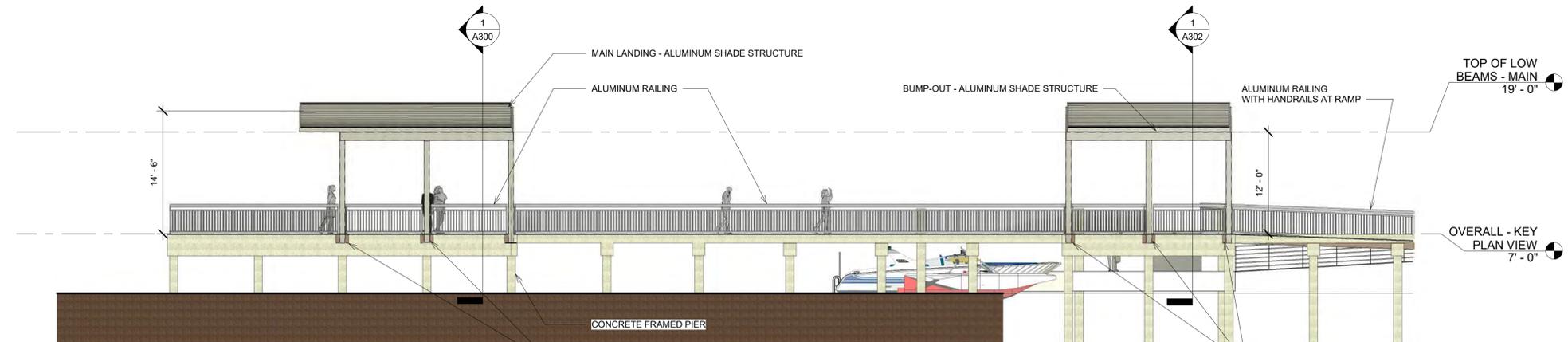
1 East  
1/8" = 1'-0"



2 North  
1/8" = 1'-0"



3 South  
1/8" = 1'-0"



4 West  
1/8" = 1'-0"

No.	Description	Date

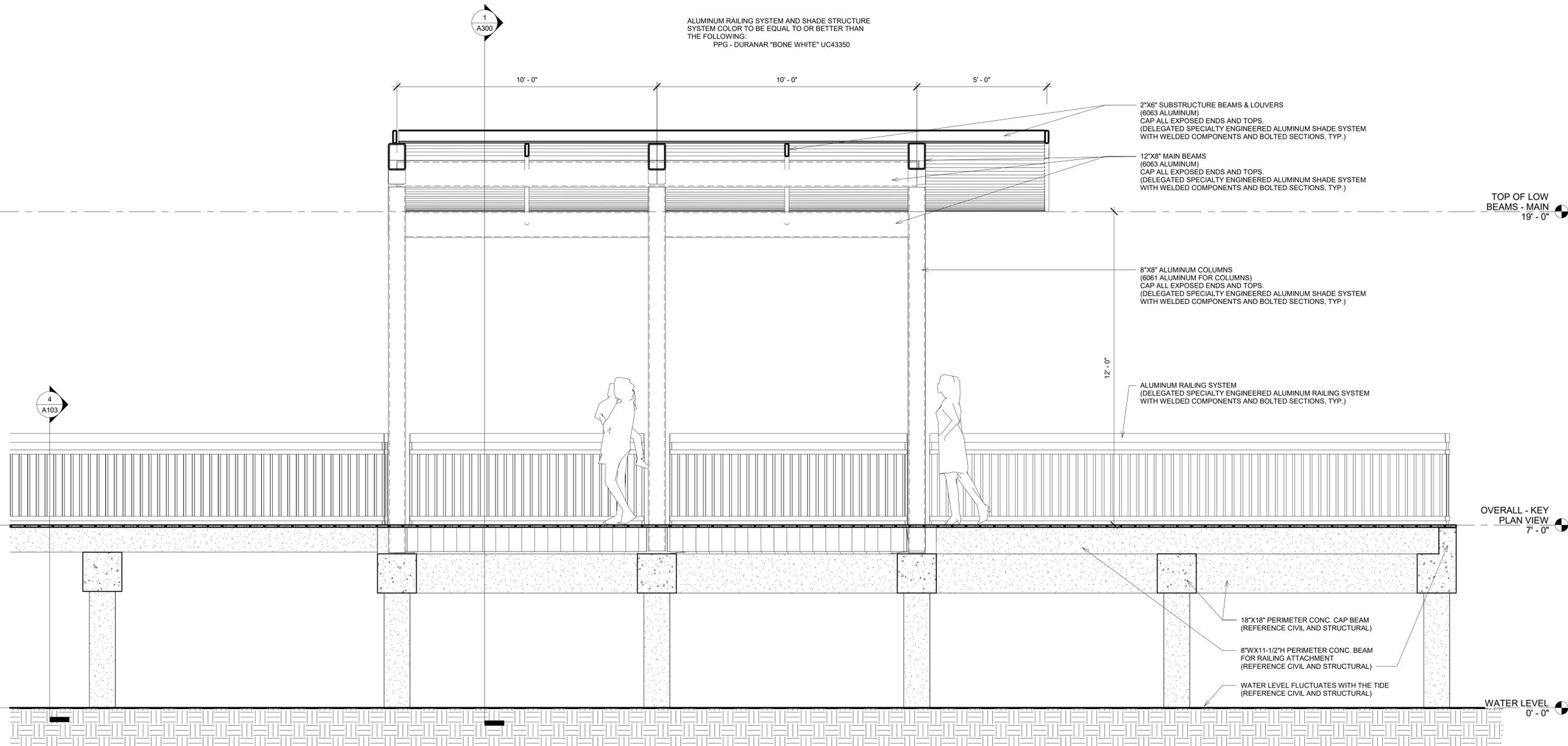
**SHADE STRUCTURE ELEVATIONS**

Date 04/25/2025  
Drawn By Author  
Checked By Checker

**A200**



SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING



① MAIN SHADE STRUCTURE - EW  
1/2" = 1'-0"

NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER RECEPTACLES LOCATED AT SHADE STRUCTURE COLUMNS & THE LIGHTING LAYOUT. CONDUIT IS TO BE CONCEALED WHERE POSSIBLE. ENGINEERING OF COLUMNS AND BEAMS TO REFLECT PENETRATIONS AND OPENINGS FOR CONDUIT AND CABLING.

DELEGATED DESIGN NOTE: THE ALUMINUM SHADE STRUCTURES AND ALUMINUM RAILINGS ARE TO BE SPECIALTY ENGINEERED / DELEGATED DESIGN BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.

No.	Description	Date

SECTION -  
MAIN  
SHADE

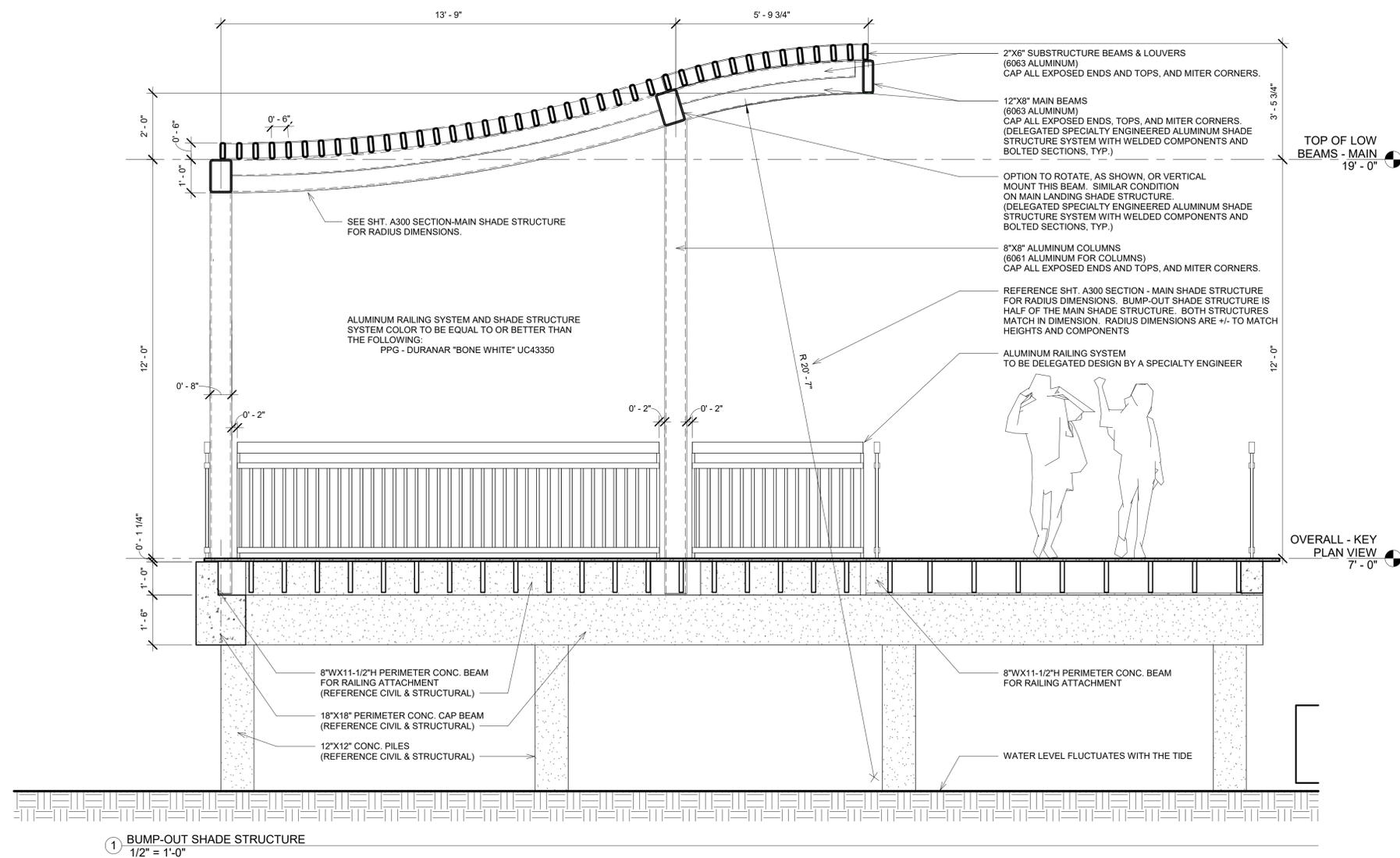
Date 04/25/2025

Drawn By Author

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A301

NOTE: THE BUMP OUT SHADE STRUCTURE IS SIMILAR IN DETAIL AND COMPONENTS TO THE MAIN LANDING SHADE STRUCTURE.



SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING

No.	Description	Date

SECTION -  
BUMP-OUT  
SHADE

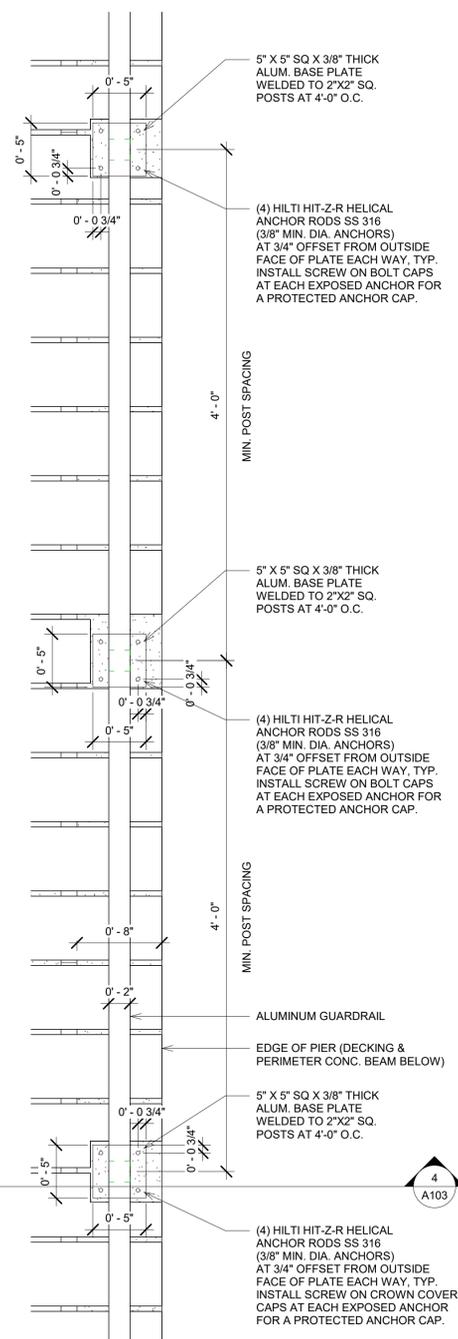
Date	04/25/2025
Drawn By	Author
Checked By	Checker

A302

NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER RECEPTACLES LOCATED AT SHADE STRUCTURE COLUMNS & THE LIGHTING LAYOUT. CONDUIT IS TO BE CONCEALED WHERE POSSIBLE. ENGINEERING OF COLUMNS AND BEAMS TO REFLECT PENETRATIONS AND OPENINGS FOR CONDUIT AND CABLING.

DELEGATED DESIGN NOTE: THE ALUMINUM SHADE STRUCTURES AND ALUMINUM RAILINGS ARE TO BE SPECIALTY ENGINEERED / DELEGATED DESIGN BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.

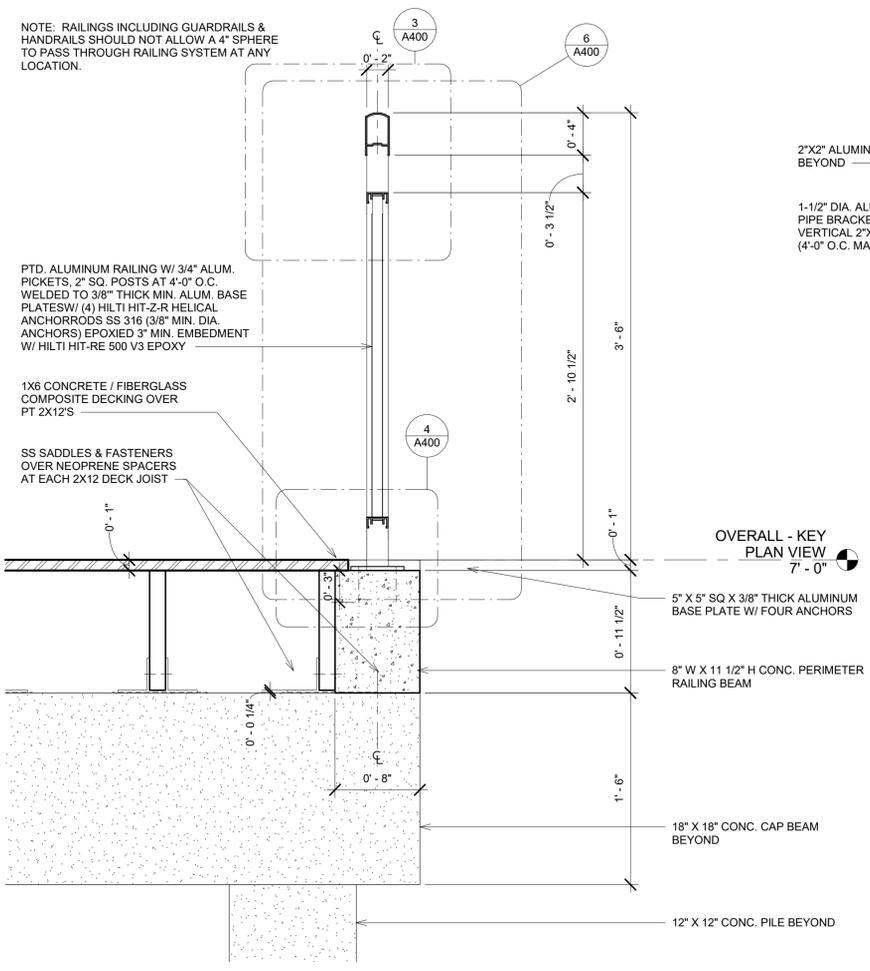
SHADE STRUCTURES & RAILINGS  
 NICEVILLE LANDING



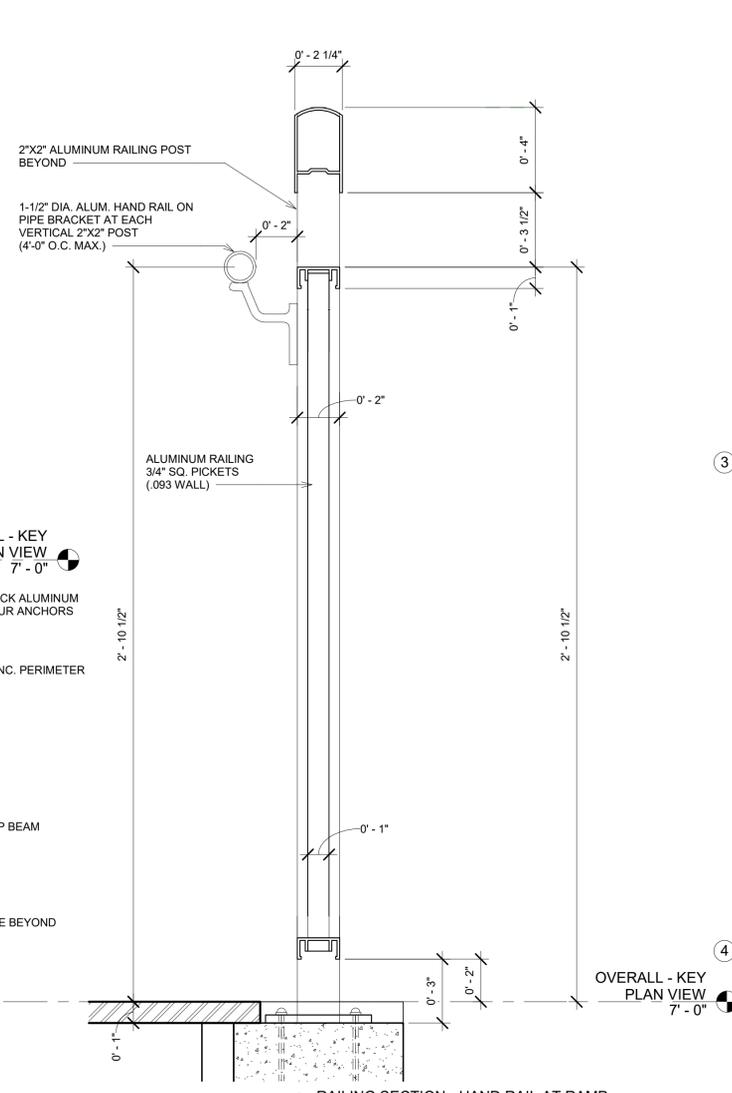
2 WATER LEVEL - RAILING PLAN  
 1 1/2" = 1'-0"

RAMP RAILING NOTE: TOP AND BOTTOM EXTENSION AT RAMPS (2023 FBC 505.10)  
 RAMP HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM BEYOND THE TOP AND BOTTOM OF RAMP RUNS. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE. OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT RAMP RUN. ALUMINUM RAILING SYSTEM SHALL ALLOW HANDRAIL EXTENSIONS.

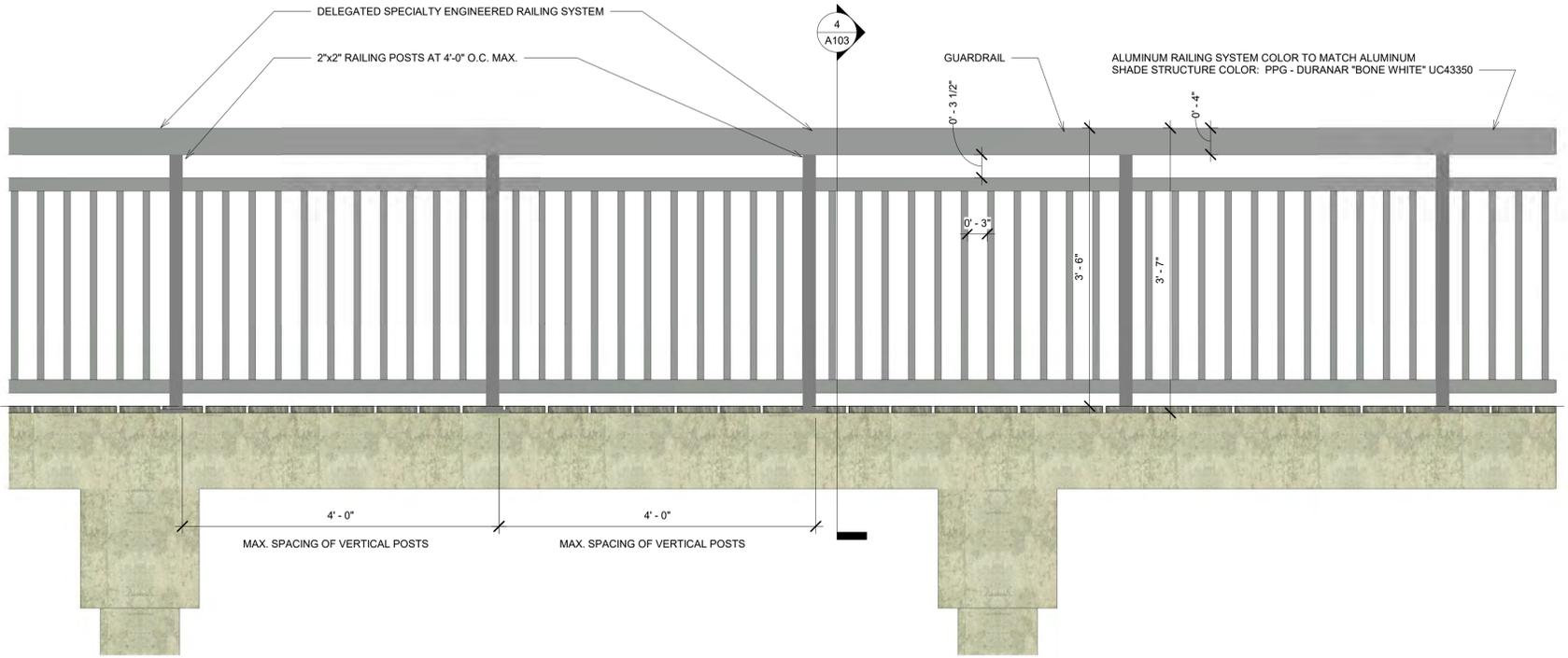
RAILING NOTE: SUPPLY ALL COMPONENTS FOR A COMPLETE RAILING SYSTEM INCLUDING END CAPS, FASTENERS, PLATES, FLANGES, ETC...



1 RAILING SECTION - DETAIL  
 1 1/2" = 1'-0"



6 RAILING SECTION - HAND RAIL AT RAMP  
 3" = 1'-0"



5 East - RAILING ELEVATION  
 1" = 1'-0"

NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER RECEPTACLES LOCATED AT SHADE STRUCTURE COLUMNS & THE LIGHTING LAYOUT. CONDUIT IS TO BE CONCEALED WHERE POSSIBLE. ENGINEERING OF COLUMNS AND BEAMS TO REFLECT PENETRATIONS AND OPENINGS FOR CONDUIT AND CABLING.

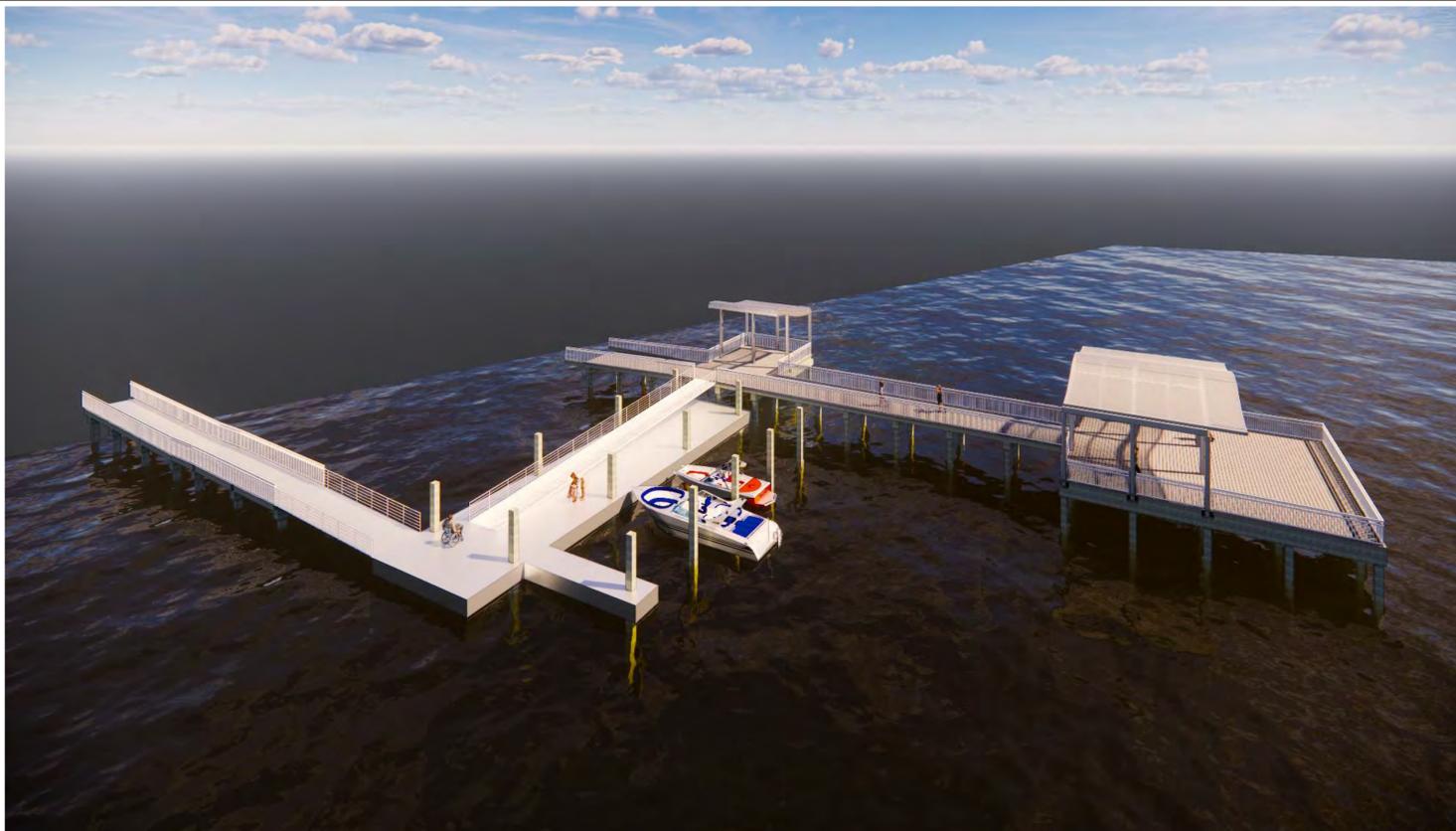
DELEGATED DESIGN NOTE: THE ALUMINUM SHADE STRUCTURES AND ALUMINUM RAILINGS ARE TO BE SPECIALTY ENGINEERED / DELEGATED DESIGN BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.

No.	Description	Date

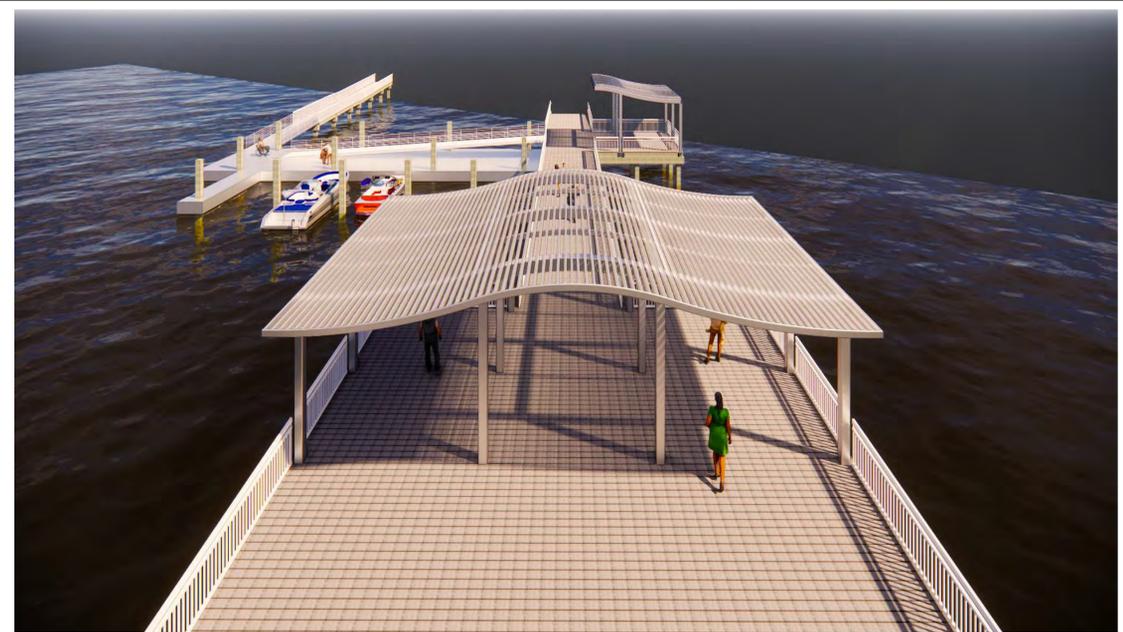
RAILING DETAILS

Date	04/25/2025
Drawn By	Author
Checked By	Checker

A400



A - VIEW



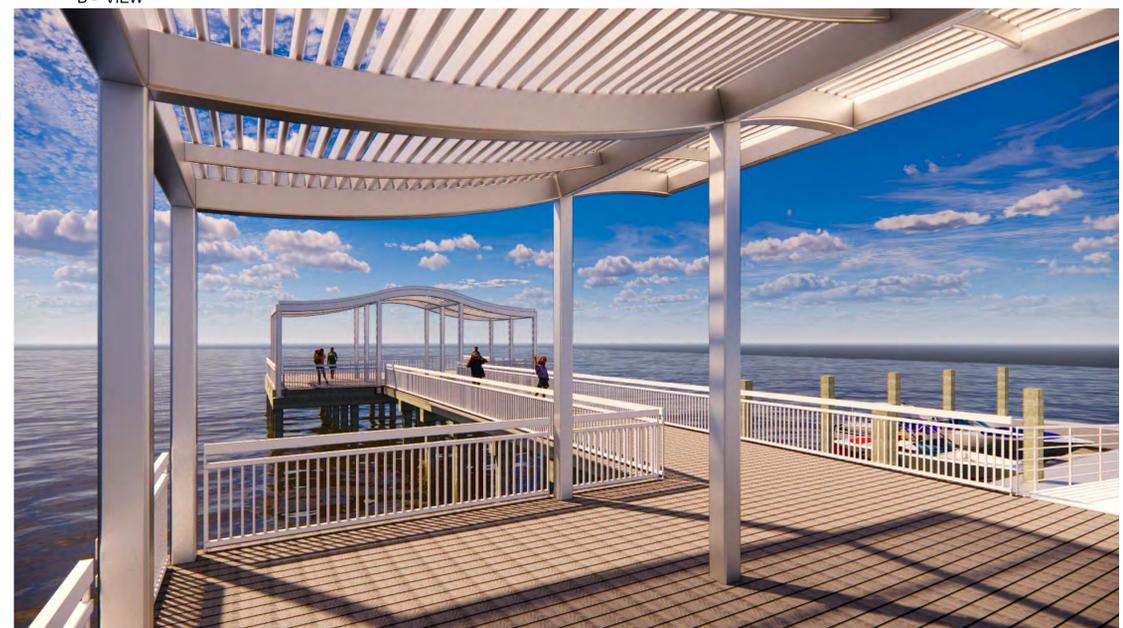
C - VIEW



D - VIEW



B - VIEW



E - VIEW



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SHADE STRUCTURES & RAILINGS

NICEVILLE LANDING

No.	Description	Date

IEWS

Date 04/25/2025  
 Drawn By Author  
 Checked By Checker

A500



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SIGNAGE NOTES: FOLLOW THE FLORIDA BUILDING CODE 2023 (8TH EDITION) AND ASCE 7-22:  
MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES  
FOR SIGNAGE CONSTRUCTION AND ATTACHMENT.

APPLY THE APPROPRIATE WIND SPEED FOR COMPONENTS AND CLADDING FOR THIS ADDRESS.  
SHOP DRAWINGS TO BE SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN THE  
STATE OF FLORIDA.

SHADE STRUCTURES & RAILINGS

NICEVILLE LANDING



SIGNAGE TO BE HDU (HIGH DENSITY URETHANE) WITH A WOOD GRAIN FINISH AND PAINTED WITH MARINE-GRADE TWO-PART POLYURETHANE PAINTS. SIGN MANUFACTURER TO OBTAIN THE LOGO FROM THE CITY AND PROVIDE A PROOF AND SHOP DRAWINGS BASED ON THE DESCRIPTION PROVIDED ON THIS SHEET. THE SIGN SHALL BE ROUTED WITH 2" RAISED TEXT WITH OTHER LOGO COMPONENTS EXCEPT THE SHADOWS AND DOUBLE TEXT ARE TO BE 1" RAISED. THE WHITE AREA OF THE LOGO IS TO BE ROUTED/ RECESSED FURTHEST AS THE FACE OF THE SIGN. STAINLESS STEEL FASTENERS AND STRUCTURE TO BE MOUNTED TO CONCRETE BEAMS WITH THE ALUMINUM RAILING REMAINING FREE STANDING BEHIND THE SIGN. THE CIRCLE IS APPROXIMATELY 6'-0" DIAMETER WITH THE EXTENSIONS OF THE "OLD TOWN LANDING" TEXT BEING APPROXIMATELY 8'-0" DIAMETER.



SEE ELECTRICAL FOR SPOT LIGHTING OF SIGN.

2 North - SIGN ELEV B - ORGANIC  
1/2" = 1'-0"

No.	Description	Date

### SIGNAGE ELEVATION

Date 04/25/2025  
Drawn By Author  
Checked By Checker

# A501



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## ELECTRICAL GENERAL NOTES

- A. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
- B. RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.
- C. ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, ETC SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.
- D. PROVIDE GREEN GROUND CONDUCTOR IN ALL CIRCUITS - SIZE PER N.E.C.
- E. ALL EXPOSED CONDUITS AND BOXES SHALL BE PVC, STRAPS, HANGERS AND FASTENERS WITHIN THE CONTRACT AREA THAT ARE PART OF THE ELECTRICAL SYSTEM SHALL BE STAINLESS STEEL.
- F. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
- G. THE ELECTRICAL CONTRACTOR SHALL PROVIDE FAULT CURRENT CALCULATIONS FOR THE SERVICE EQUIPMENT AND SHALL MARK THE EQUIPMENT WITH THE AVAILABLE FAULT CURRENT AND DATE OF THE CALCULATION PER NEC 110.24. REFER TO TYPICAL SERVICE EQUIPMENT FAULT CURRENT LABEL DETAIL.
- H. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ARC FAULT LABELS PER NFPA 70E ARTICLE 110.16 FOR NEW EQUIPMENT.
- I. PROVIDE BUSHINGS ON ALL CONDUIT.
- J. COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE AND THE NATIONAL ELECTRIC CODE. OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES.
- K. OBTAIN ARCHITECTS APPROVAL OF ALL LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELBOARDS, ETC. PRIOR TO PURCHASING.
- L. THE ELECTRICAL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. ALL NOT SO INSTALLED SHALL BE REMOVED AND REPLACED AT NO COST TO THE OWNER.
- M. ALL WORK SHALL BE INSTALLED IN CONCEALED TYPE CONSTRUCTION. UNDERGROUND CONDUITS UP TO FIRST BOX IN CONCEALED CONSTRUCTION MAY BE SCH.40 PVC. EXTERIOR EXPOSED WORK ALONG PIER SHALL BE SCH80 PVC.
- N. ALL CONDUCTORS LESS THAN 100A. SHALL BE COPPER #12 & #10 SOLID, #8 AND LARGER STRANDED, #6 AND SMALLER TO BE TYPE THWN, 600 VOLT INSULATION AND TYPE THWN OR THHN FOR #4 AND LARGER. ALUM. CONDUCTORS MAY BE USED FOR 100A. AND LARGER ONLY WHERE USED WITH COMPRESSION TERMINATIONS.
- O. PROVIDE GROUNDING PER NATIONAL ELECTRIC CODE.
- P. PANELBOARDS SHALL BE FULLY RATED, TIN PLATED ALUMINUM BUSBAR AND COPPER GROUNDING BAR. SQUARE-D, EATON, SIEMENS, OR EQUAL PRODUCT. REFER TO PANEL SCHEDULE.

## ELECTRICAL LEGEND

- PP-1 ADJACENT TO ARROW INDICATES HOMERUN OF CIRCUIT NO. 1 TO PANEL PP; "A" INDICATES FIXTURE TYPE; MARKS ACROSS RACEWAY RUN INDICATES THE NUMBER OF NO. 12 CONDUCTORS; UNLESS NOTED OTHERWISE NO MARKS INDICATES TWO NO. 12 CONDUCTORS AND ONE NO. 12 GREEN GROUND CONDUCTOR IN 1/2" CONDUIT (2#12 & 1#12 GND-1/2"C)
- FLUSH IN DECK MOUNTED PATHWAY LIGHTING FIXTURE
- ◻ LINEAR FIXTURE; CEILING BEAM MOUNTED
- ⊙ JUNCTION BOX; MOUNTED ABOVE CEILING STRUCTURE
- ⊙ JUNCTION BOX; MOUNTED EXPOSED WITH BLANK COVER
- ⊙ LETTERS "WP" ADJACENT TO SYMBOL INDICATES GFCI WEATHER RESISTANT RECEPTACLE; HUBBELL HBL5362; IN WEATHERPROOF ENCLOSURE; PASS AND SEYMOUR WIUFC10S COVER;
- S WALL SWITCH; 120/277V; 20A; 1 POLE; A.C. ONLY; MT WITHIN LOCKABLE ENCLOSURE; HUBBELL SERIES HBL1221
- ▣ DIMMER SWITCH; 120V; 0-10V; SOLID STATE; MT. WITHIN LOCKABLE ENCLOSURE.
- ⊞ LOW VOLTAGE LIGHTING TRANSFORMER; SIZING AS INDICATED; INSTALL CONCEALED UNDER PIER OUT OF SIGHT WHEREVER POSSIBLE.
- ⌋ RACEWAY INSTALLED CONCEALED BELOW DECKING AND OR PIER
- ⌋ RACEWAY INSTALLED EXPOSED AND CONCEALED FROM VIEW ALONG ROOFING STRUCTURES
- ⌋ LV LOW VOLTAGE LIGHTING CONDUCTOR; COORDINATE WITH DEVICE CONNECTION REQUIREMENTS.
- ▬ PANEL; 120/240V; MT 72" AFF TO TOP ON BACKBOARD AS INDICATED

SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING

Sheet Index	
SHEET NUMBER	SHEET TITLE
E-001	LEGEND
E-002	DETAILS
E-010	SITE PLAN
E-100	PIER PLAN
E-200	LIGHTING DETAILS
E-300	PANEL SCHEDULE & RISER
E-400	SECTIONS

No.	Description	Date

## LEGEND

Date 04-01-2025  
 Drawn By JH/RE  
 Checked By RE

# E-001

25015  
Job No.



HG Engineers  
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 Ph: 850.243.6725  
 FL Authorization No.00006680  
 Christopher A. Garick, FL PE No.53924  
 Thomas A. Alexander, FL PE No.73172  
 Daniel J. White, FL PE No.73790  
 Caleb W. Leonard, FL PE No.91782

**NOTES**

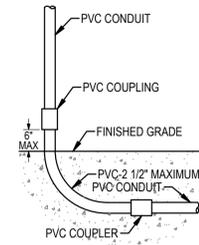
1. PROVIDE LABEL AT SERVICE EQUIPMENT.
2. LABEL SHALL MEET REQUIREMENTS OF NEC 70E 130.5(H) WITH ADDITION OF DATE AS REQUIRED BY NEC 70 110.16(B).

**WARNING**

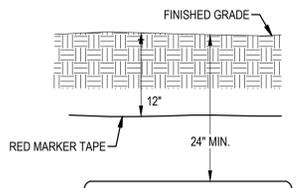
Arc Flash Hazard  
Appropriate PPE Required.  
Failure to Comply Can Result in Death or Injury.  
Refer to NFPA 70E.

**ARC FLASH LABEL DETAIL**

NTS



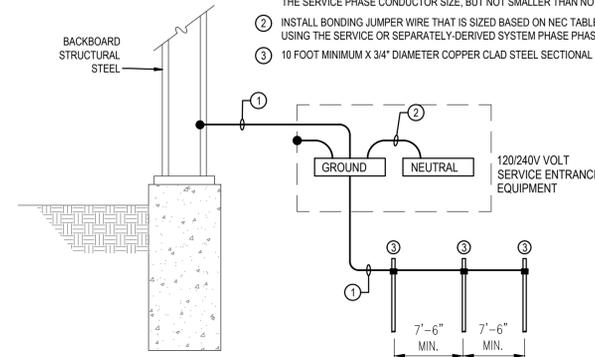
**PVC STUB-UP DETAIL**  
NOT TO SCALE



**UNDERGROUND CONDUIT DETAIL**  
NOT TO SCALE

**KEYNOTES**

1. INSTALL GROUNDING ELECTRODE CONDUCTOR, SIZED BASED ON NEC TABLE 250-66 USING THE SERVICE PHASE CONDUCTOR SIZE, BUT NOT SMALLER THAN NO 4.
2. INSTALL BONDING JUMPER WIRE THAT IS SIZED BASED ON NEC TABLE 250-66 OR 250.28(D)(1) USING THE SERVICE OR SEPARATELY-DERIVED SYSTEM PHASE CONDUCTOR SIZE.
3. 10 FOOT MINIMUM X 3/4" DIAMETER COPPER CLAD STEEL SECTIONAL DRIVEN GROUND ROD.

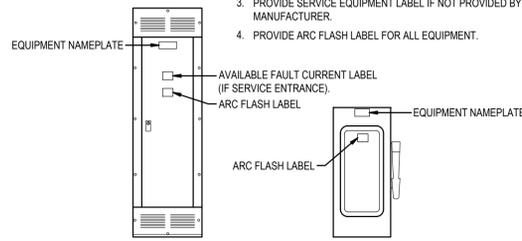


**120/240V GROUNDING SYSTEM DIAGRAM**

NTS

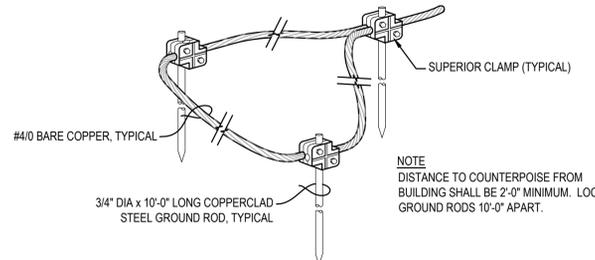
**NOTES**

1. PROVIDE PANELBOARD/DISCONNECT NAMEPLATE FOR EQUIPMENT.
2. PROVIDE AVAILABLE FAULT CURRENT LABEL FOR SERVICE EQUIPMENT INSTALLED.
3. PROVIDE SERVICE EQUIPMENT LABEL IF NOT PROVIDED BY MANUFACTURER.
4. PROVIDE ARC FLASH LABEL FOR ALL EQUIPMENT.



**EQUIPMENT LABELING**

NTS



**COUNTERPOISE GROUNDING DETAIL**

NOT TO SCALE

SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING

**NOTES**

1. PROVIDE NAMEPLATE ON SERVICE EQUIPMENT AS REQUIRED BY NEC 110.24(A). SEE ARC FLASH LABEL DETAIL.
2. 1/4" BLACK LETTERS ON WHITE LABEL.



AVAILABLE FAULT CURRENT LABEL

**NOTES**

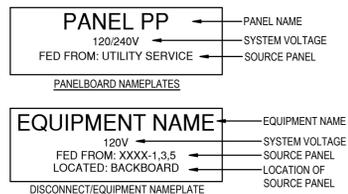
1. PROVIDE LABEL IF NOT PROVIDED BY MANUFACTURER.
2. 3/8" WHITE LETTERS ON BLACK PANEL.



SERVICE DISCONNECT LABEL

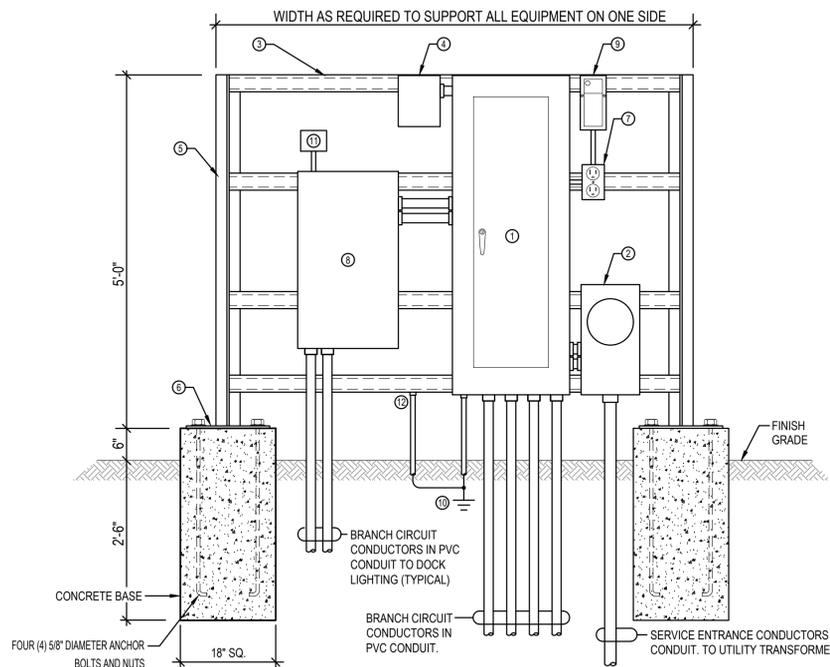
**NAMEPLATE NOTES**

1. NAMEPLATE MUST INDICATE DISCONNECT PURPOSE.
2. NAMEPLATE MUST INDICATE SOURCE AND SOURCE LOCATION.
3. PROVIDE LABEL FOR ALL PANELS FED FROM A FEEDER.
4. NAME - 1/2" HIGH LETTERS
5. MESSAGE/BODY - 1/4" HIGH LETTERS
6. BLACK LETTERS ON WHITE PANEL



**EQUIPMENT NAMEPLATES**

NTS



**POWER PANEL-PP BACKBOARD ASSEMBLY DETAIL**

NOT TO SCALE

**KEY NOTES**

1. NEW LOCKABLE NEMA 4X PANELBOARD, SECURE TO STEEL CHANNEL.
2. ELECTRIC UTILITY METER.
3. 1-5/8" SQUARE HOT DIPPED GALVANIZED STEEL CHANNEL AS REQUIRED. TYPICAL. REPAIR ANY DAMAGE TO GALVANIZED COATING DUE EQUIPMENT INSTALLATION.
4. SURGE PROTECTIVE DEVICE
5. WT6X13 GALVANIZED STEEL VERTICAL SUPPORT TEE.
6. 12" X 12" 1/2" STEEL PLATE, WELD TO VERTICAL TEE.
7. PROVIDE DUPLEX GFCI RECEPTACLE, HUBBELL HBL5362, IN WEATHERPROOF ENCLOSURE, PASS AND SEYMOUR WIUFC10S COVER. SECURE TO STRUCTURAL SUPPORT.
8. OVERRIDE CONTROLS, TIMELOCK, AND CONTACTOR IN LOCKABLE NEMA 4X WEATHERPROOF ENCLOSURE FOR DOCK LIGHTING CONTROLS. REFER TO LIGHTING CONTROLS DIAGRAMS.
9. 120V LED EXTERIOR LIGHTING FIXTURE WITH INTEGRAL PHOTOCCELL CONTROL. EQUAL TO STONCO MODEL # TW-20-NW-G1-PCB-1-BZ
10. REFER TO COUNTERPOISE GROUNDING DETAIL FOR MORE INFORMATION.
11. PHOTOCCELL. REFER TO LIGHTING CONTROLS DIAGRAMS.
12. PROVIDE GROUND BOND TO METAL SUPPORT STRUCTURE. CONNECT GROUND DIRECTLY TO COUNTERPOISE GROUNDING ASSEMBLY.

**GENERAL NOTE**  
STAINLESS STEEL FASTENERS AND  
HARDWARE SHALL BE USED FOR  
STRUCTURE AND EQUIPMENT MOUNTING.

No.	Description	Date

**DETAILS**

Date 04-01-2025  
Drawn By JH/RE  
Checked By RE

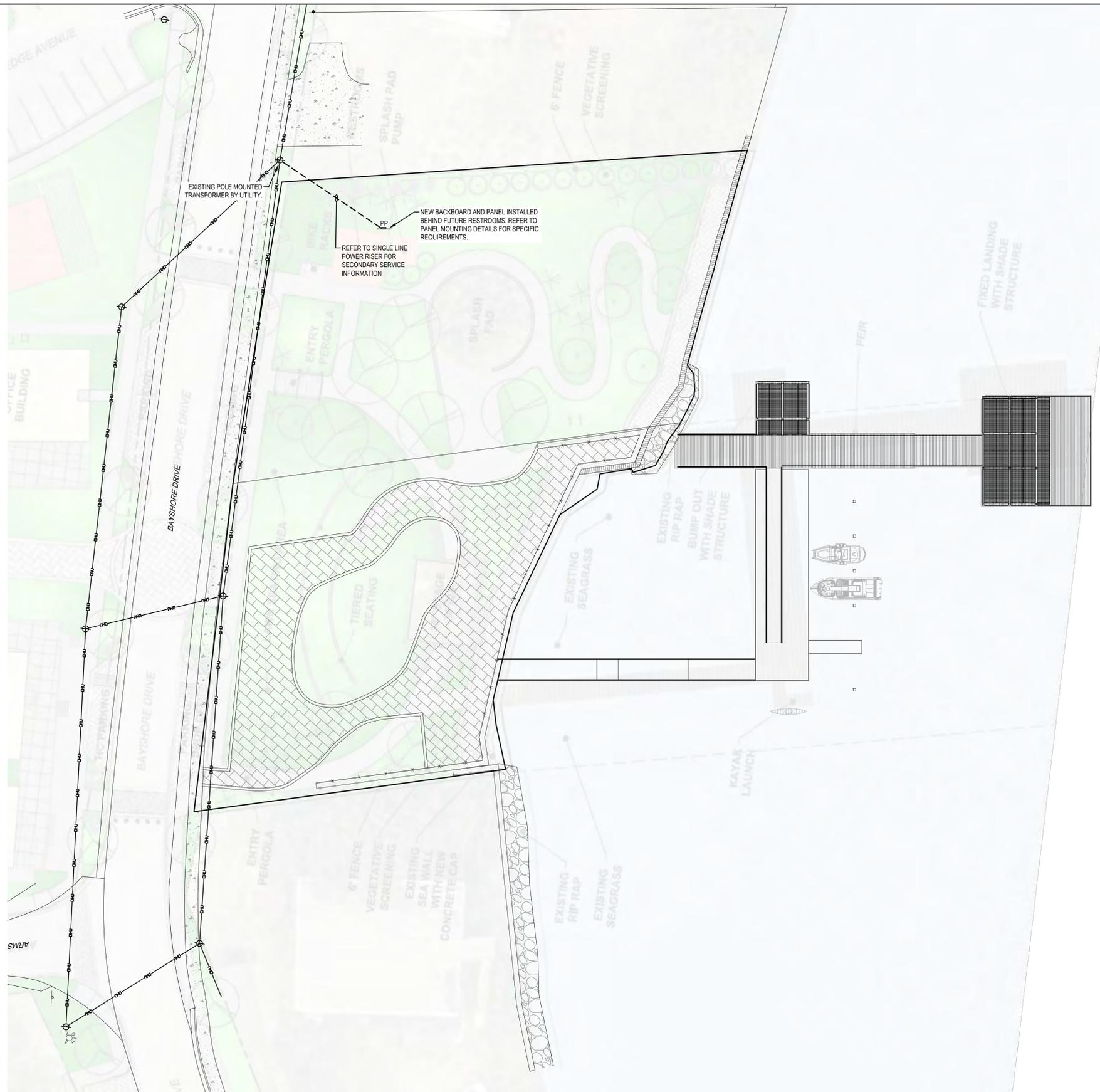
**E-002**



SAM MARSHALL ARCHITECTS  
AA C000293

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SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING

No.	Description	Date

SITE PLAN

Date 04-01-2025  
Drawn By JH/RE  
Checked By RE

E-010

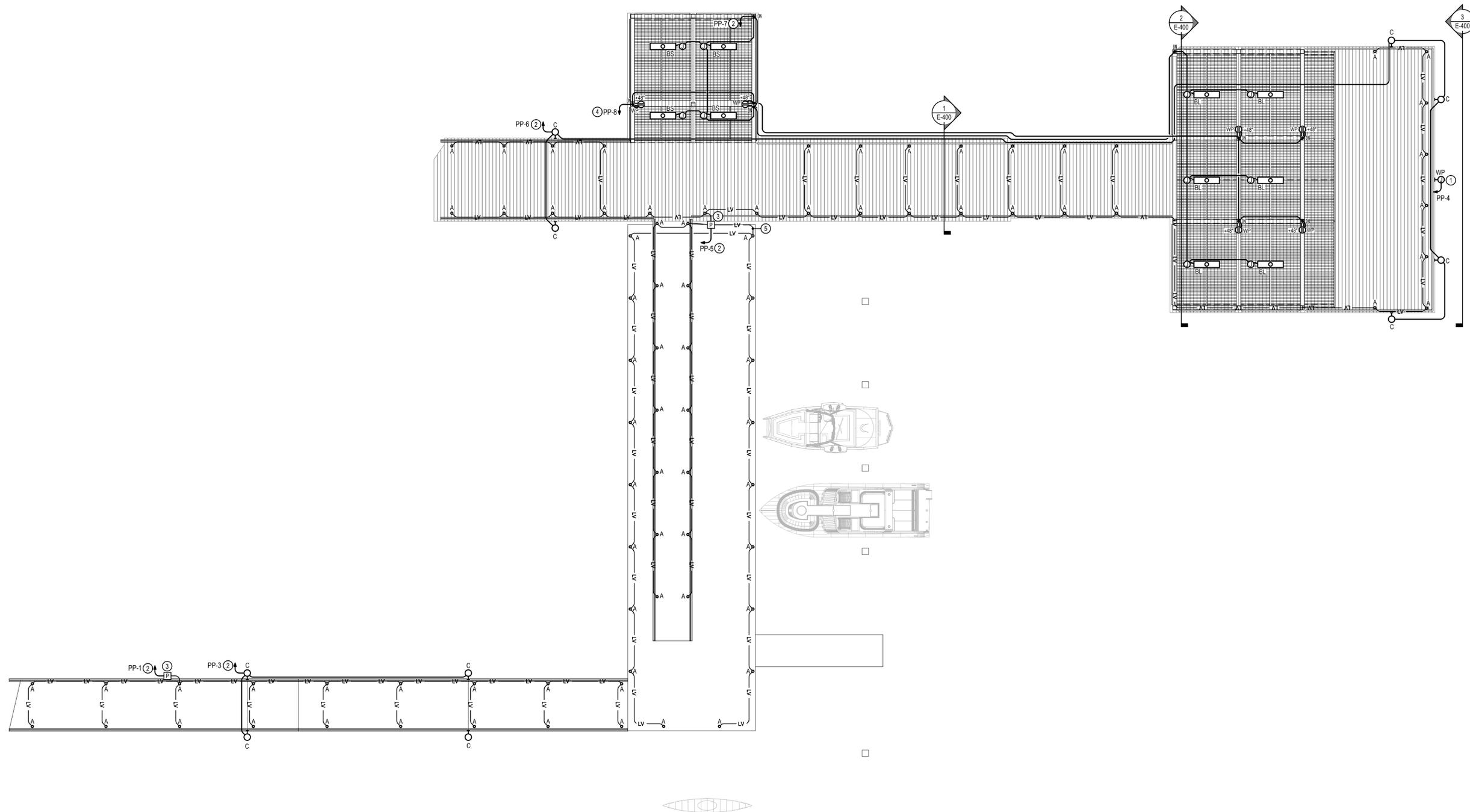
SITE PLAN  
1" = 20'-0"  
0 10' 20' 40'

HG ENGINEERS  
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Fort Walton Beach, Florida, 32548  
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Ph: 850.243.6723  
Fl. Authorization No. 00006680  
Christopher A. Garrick, FL PE No. 53924  
Thomas A. Alexander, FL PE No. 73172  
Daniel J. White, FL PE No. 73790  
Caleb W. Leonard, FL PE No. 91782

25015  
Job No.

**NOTES:**

- ① INSTALL JUNCTION BOX NEAR BOTTOM FACE OF CONCRETE BEAM FOR CONNECTION TO FUTURE SIGN BY OTHERS. INSTALL WEATHERPROOF FINISHED COVERPLATE.
- ② HOMERUN VIA TIMESWITCH AND PHOTOCELL. REFER TO EXTERIOR LIGHTING CONTROL DETAIL FOR MORE INFORMATION. 2#10, 1#12GND IN 1" PVC CONDUIT.
- ③ INSTALL 120V PRI-12VAC SEC LOW VOLTAGE TRANSFORMER EQUAL TO VOLT MODEL #VTR-300-SS. MAKE CONNECTION TO TRANSFORMER WITH WEATHERPROOF JUNCTION BOX AND HARDWIRE CONNECTION.
- ④ 2#10, 1#12GND IN 1" PVC CONDUIT.
- ⑤ PROVIDE SLACK CONDUCTOR SUFFICIENT FOR DOCK ELEVATION CHANGES WITH TIDAL VARIATIONS.



SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING

No.	Description	Date

**PIER PLAN**

Date 04-01-2025  
Drawn By JH/RE  
Checked By RE

**E-100**

**PIER PLAN**  
1/8" = 1'-0"  
0 4' 8' 16'

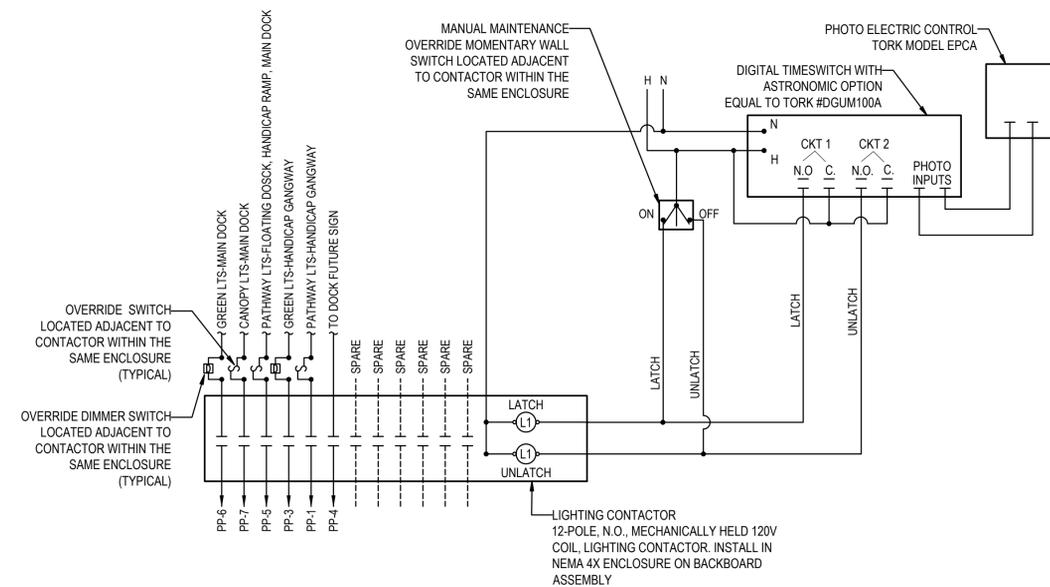


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LIGHTING FIXTURE SCHEDULE										
Project: #25015 - Niceville Landing Pier										
Note: Per electrical specifications, required alternate fixtures shall be submitted to the engineer for prior approval a minimum of (10) ten business days prior to bid date. Any required alternate fixtures not submitted for prior approval will not be reviewed.										
Luminaire Designation	Manufacturer	Catalog Number	Connected Voltage	Luminaire Load (va)	Lamping Source	Color Rendering Index (CRI)	Kelvin Temperature	Mounting	Comments	Prior Approved Equal Required
A	BK LIGHTING	CUS-1945-33-STAINLESS-E71-3@90-A-5FT	12V	3VA	LED	90	3000	FLUSH IN DECK WALKING SURFACE	FLUSH MOUNTED PATHWAY FIXTURE, 3 WINDOWS AT 90 DEG.	YES
BL	METALUMEN	S2VD-30K-4MB-NW-45-1-S-4-END FEED	120V	24VA	LED	90	3000	CANOPY CEILING SURFACE	LINEAR SURFACE MOUNT FIXTURE INSTALLED TO BOTTOM SIDE SURFACE OF CANOPY "RUNG".	YES
BS	METALUMEN	S2VD-30K-4MB-NW-34-1-S-4-END FEED	120V	18VA	LED	90	3000	CANOPY CEILING SURFACE	LINEAR SURFACE MOUNT FIXTURE INSTALLED TO BOTTOM SIDE SURFACE OF CANOPY "RUNG".	YES
C	LDPI INDUSTRIAL LIGHTING	LEHL2L1V1-GN-T1-C-PB03	120V	80VA	LED	N/A	GREEN	YOKE MOUNT BACK WALL JUST BELOW DECK SURFACE	GREEN FISH ATTRACTING FIXTURE. ADJUSTABLE YOKE MOUNTING.	YES



### EXTERIOR LIGHTING CONTROL DETAIL

NTS

## SHADE STRUCTURES & RAILINGS NICEVILLE LANDING

No.	Description	Date

## LIGHTING DETAILS

Date 04-01-2025

Drawn By JH/RE

Checked By RE

# E-200



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Job No.

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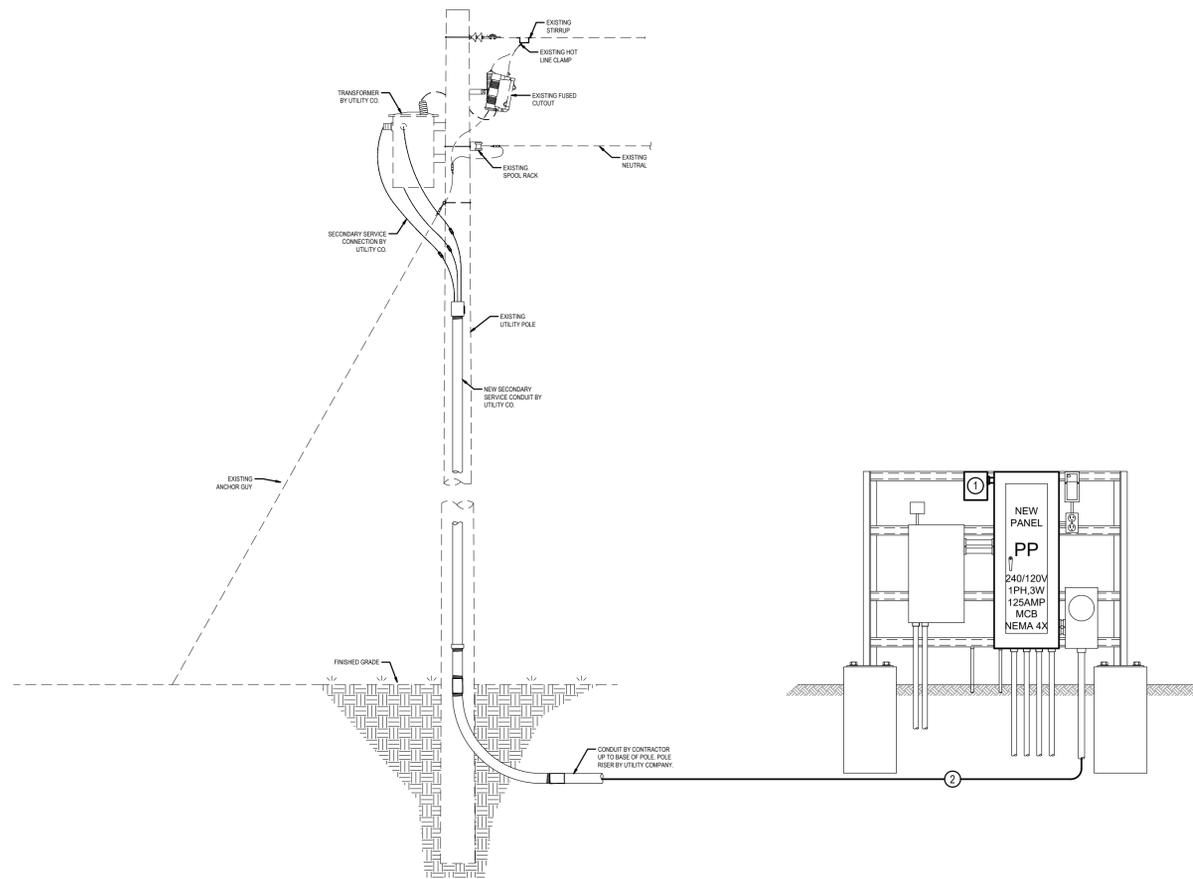
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DOCK POWER PANEL

PP		SYSTEM		240/120V		1Φ		3W			
PP		RATING		125A		M.C.B.		10,000 AIC MINIMUM			
PP		ENCLOSURE		NEMA 4X		SURFACE MOUNT					
PP		OPTIONS		BOLTON BREAKERS							
CKT #	SERVING	CKT BKR		CONNECTED LOAD (VA)		CKT BKR		SERVING	CKT #		
		TRIP	POLE			POLE	TRIP				
1	PATHWAY LTS-HANDICAP GANGWAY	20	1"	60	1000	*1	20	SPARE (FUTURE CCTV CAMERA POWER REQUIREMENTS)	2		
3	GREEN LTS-HANDICAP GANGWAY	20	1"	320	1500	*1	20	SPARE (FUTURE SIGN)	4		
5	PATHWAY LTS-FLOATING DOCK, HANDICAP RAMP, MAIN DOCK	20	1"	195	480	*1	20	GREEN LTS-MAIN DOCK	6		
7	CANOPY LTS-MAIN DOCK	20	1"	216	1080	1	20	REC-MAIN DOCK CANOPIES	8		
9	SPARE	20	1"	0	0	*1	20	SPARE	10		
11	SPARE	20	1	0	0	1	20	SPARE	12		
13	SPARE	20	1	0	0	1	20	SPARE	14		
15	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	16		
17	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	18		
19	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	20		
21	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	22		
23	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	24		
25	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	26		
27	SPACE ONLY	-	1	-	-	2	60	SURGE SUPPRESSION DEVICE	28		
29	SPACE ONLY	-	1	-	-	-	-		30		
TOTAL CONNECTED LOAD =				4851 VA		/		240		=	20.2 A

NOTES:  
\* PROVIDE G.F.C.I. BREAKER



SINGLE LINE POWER RISER  
NOT TO SCALE

NOTES:

- INSTALL NEMA-4X SURGE PROTECTIVE DEVICE IN BREAKER POSITION NEAREST TO NEUTRAL BAR WITH 3#6, 1#10 GND IN 3/4" C. LEAD LENGTH CANNOT EXCEED UL 1449 4TH EDITION TEST OF 14". PROVIDE INTERNAL 60A. FUSING.
- 3#1, 1#6 GND IN 1-1/4" PVC CONDUIT. COORDINATE CONNECTION REQUIREMENTS WITH UTILITY COMPANY.

SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING

No.	Description	Date

PANEL SCHEDULE & RISER

Date 04-01-2025  
Drawn By JH/RE  
Checked By RE

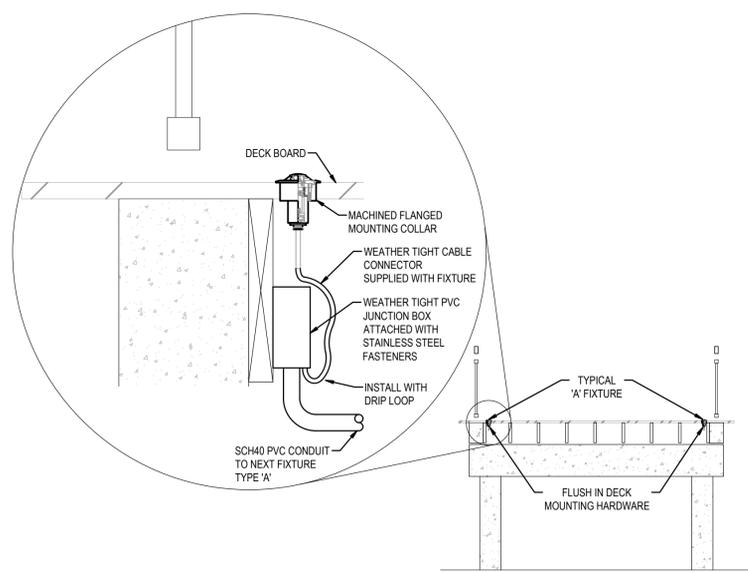
E-300

25015  
Job No.

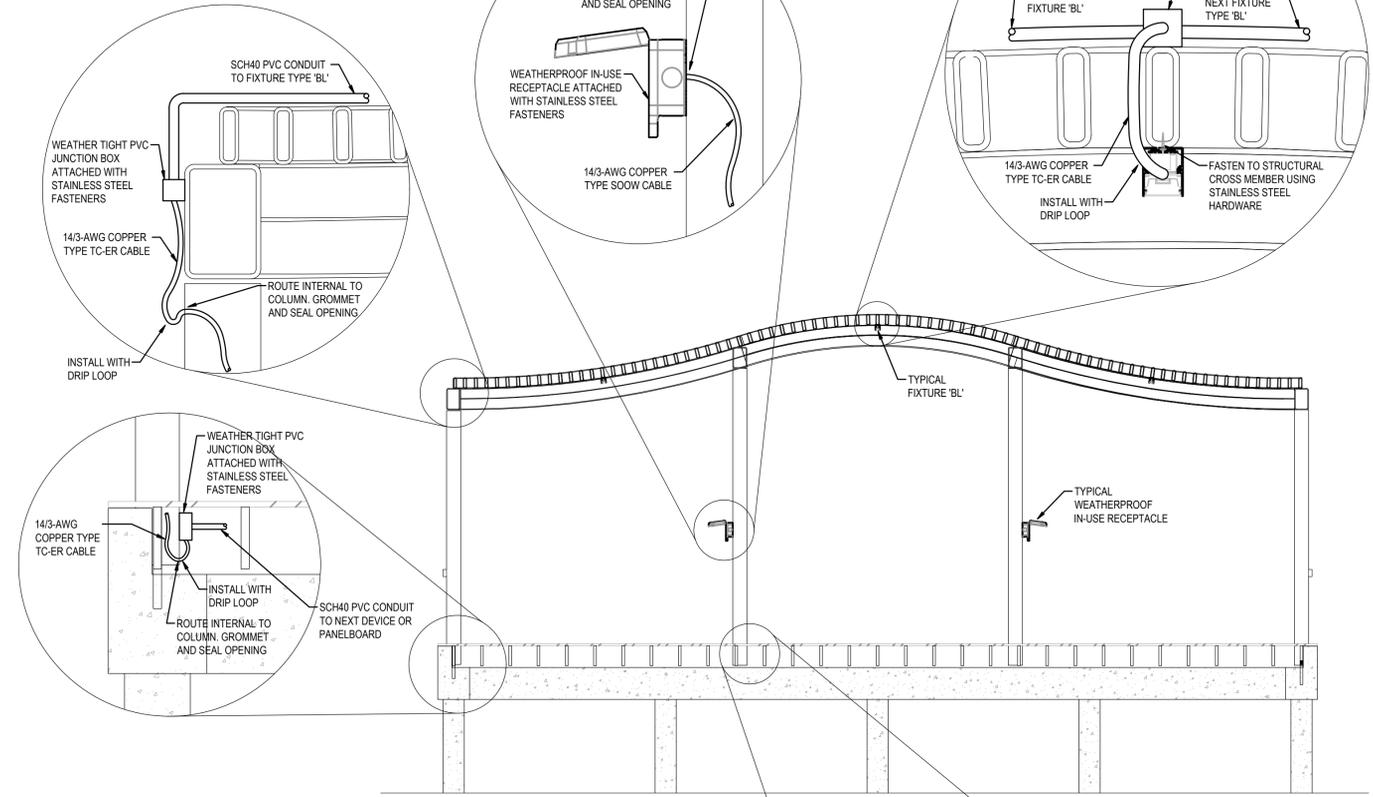


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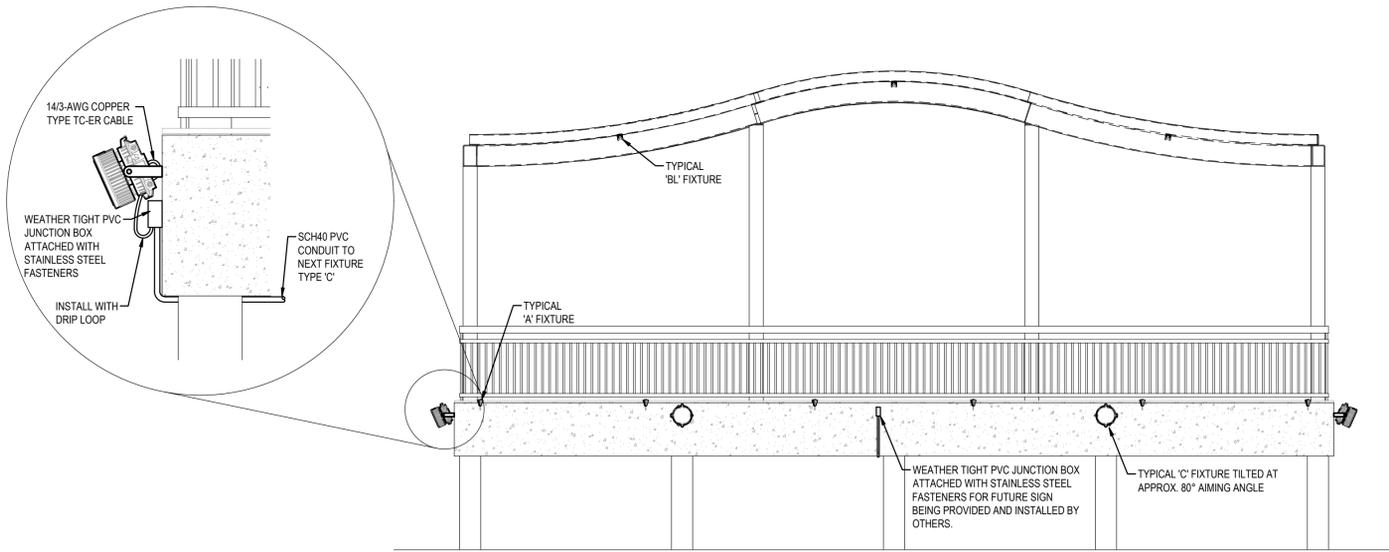
SHADE STRUCTURES & RAILINGS  
NICEVILLE LANDING



1 A FIXTURE  
1/4" = 1'-0"



2 LANDING SECTION  
1/4" = 1'-0"



3 LANDING END SECTION  
1/4" = 1'-0"

- \*\*\* SPECIAL NOTES \*\*\*
1. ALL PVC CONDUIT CONNECTIONS ARE TO UTILIZE EXPANSION COUPLINGS AT ALL CONDUIT SEGMENT JOINTS PER NEC 352.44.
  2. ALL PVC CONDUITS SHALL BE INSTALLED PER NEC 352.30 AND SUPPORTED AT 3FT INCREMENTS.
  3. ALL FASTENERS ARE TO BE MARINE GRADE 316 STAINLESS STEEL ONLY.
  4. ALL FLEXIBLE CABLE CONNECTIONS ARE TO UTILIZE WATERTIGHT COMPRESSION CONNECTORS.

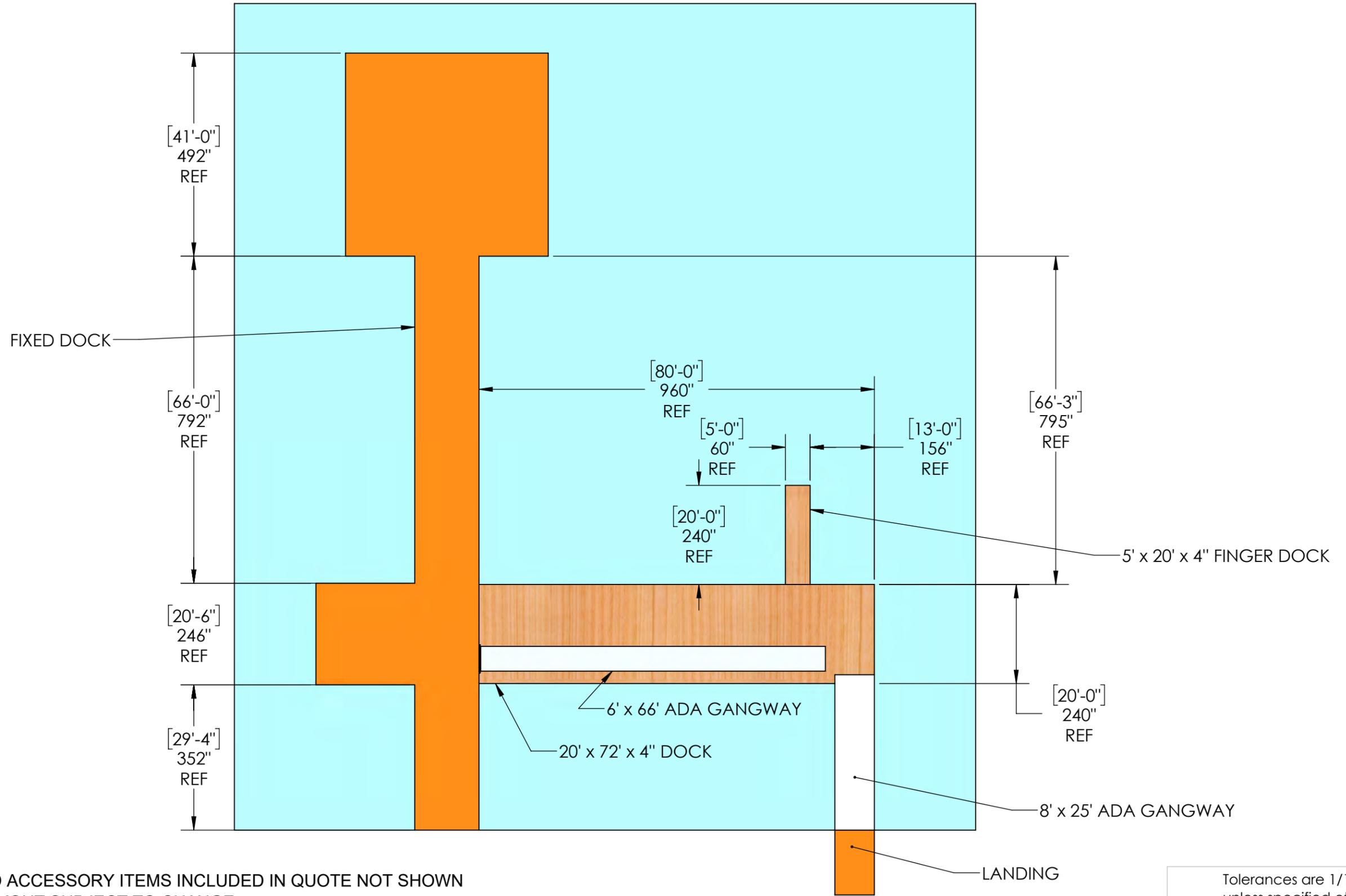
No.	Description	Date

SECTIONS

Date 04-01-2025  
Drawn By JH/RE  
Checked By RE

E-400

NICEVILLE, FLORIDA LAYOUT  
WITH DIMENSIONS & CALLOUTS



- NOTES:**
- ALL DOCK DETAILS AND ACCESSORY ITEMS INCLUDED IN QUOTE NOT SHOWN
  - FINAL DESIGNS AND LAYOUT SUBJECT TO CHANGE

Tolerances are 1/16"  
unless specified otherwise

PART: Layout	REF #: Niceville, Florida	ESTIMATE #: 20412	REV: -	DRAWN: D. Saul
			SCALE: 1:250	CHECKED: B. Dolan
			SHEET 1 OF 1	DATE: 2/25/2025

4

3

2

1

B

B

A

A

4

3

2

1

2

1

### ADA Compliant Gangway

**NOTES:**

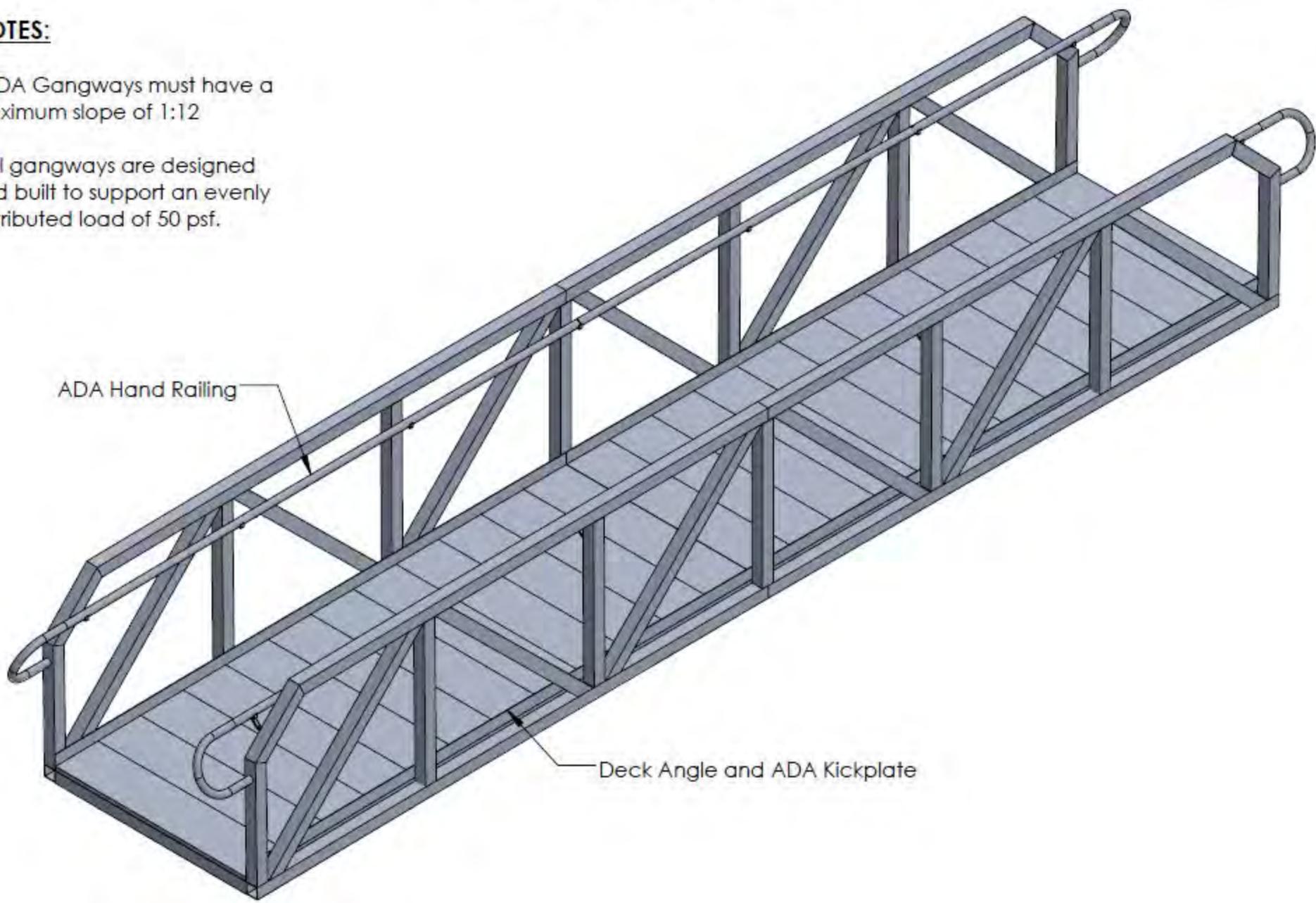
- ADA Gangways must have a maximum slope of 1:12
- All gangways are designed and built to support an evenly distributed load of 50 psf.

B

B

A

A



TYPE:	Large Aluminum Gangway	REF:	NA	REV 1	DRAWN:	C. DiBasio	 Your First Choice for Floating Dock Solutions
				SCALE: 1:30	CHECKED:	J. Harrison	
				SHEET 4 OF 10	DATE:	03/29/17	

2

1