

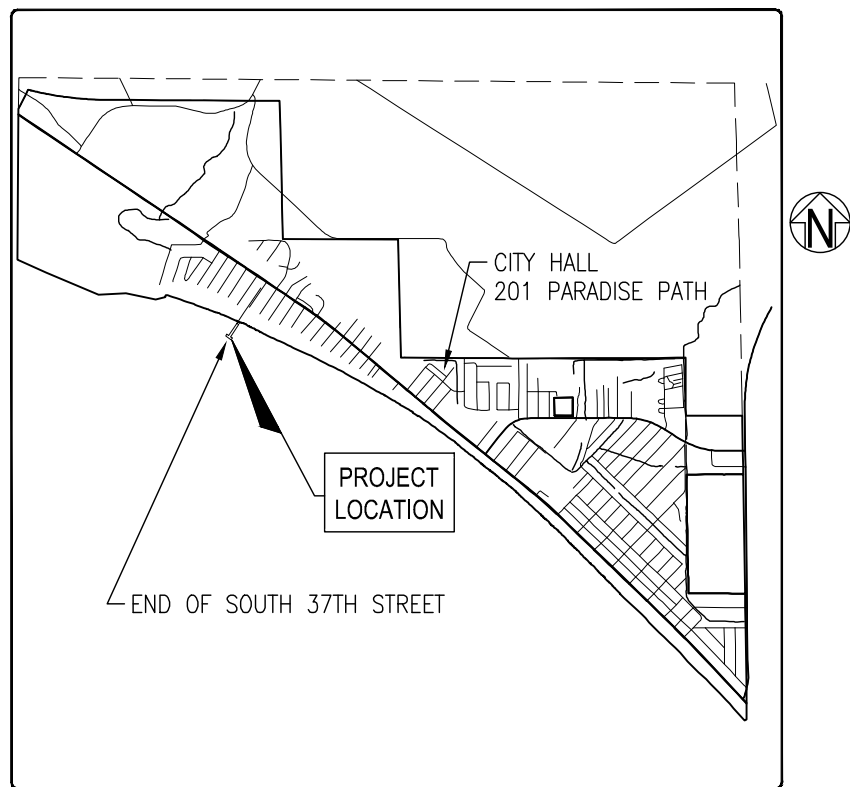
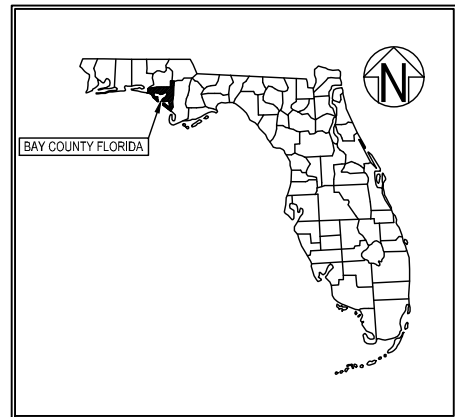
PLANS FOR

# MEXICO BEACH PIER REPLACEMENT

PREPARED FOR:

CITY OF MEXICO BEACH  
BAY COUNTY FLORIDA

CONFORMED PLANS AUGUST, 2025



**LOCATION MAP**  
NOT TO SCALE  
SECTION 22, TOWNSHIP 3 SOUTH AND RANGE 12 WEST



CITY OF MEXICO BEACH  
CITY COUNCIL MEMBERS

RICHARD WOLFF	MAYOR
JERRY SMITH	COUNCIL MEMBER
LINDA HAMILTON	COUNCIL MEMBER
JASON ADAMS	COUNCIL MEMBER
TIM LINDERMAN	COUNCIL MEMBER

PREPARED BY:



449 WEST MAIN STREET  
PENSACOLA, FLORIDA 32502 (850) 438-9661  
PENSACOLA - PANAMA CITY BEACH - TALLAHASSEE - MOBILE

ENGINEERING BUSINESS: EB-0000340

ENGINEER'S PROJECT No.: 90622.01

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1.00 GENERAL

- 1.01 Verify all Existing Conditions, Dimensions and Elevations before starting work. Notify Structural Engineer of any discrepancy.
- 1.02 Review of Submittals and/or Shop Drawings by the Structural Engineer does not relieve the Contractor of his responsibility to Review, Check, and Coordinate Submittals before review by the Structural Engineer. The Contractor remains solely responsible for errors and omissions associated with the preparation of Shop Drawings as they pertain to Member Sizes, Details, and Dimensions specified in the Contract Documents. Contractor is also responsible for Means, Methods, Techniques, Sequences, and Procedures of Construction.

2.00 REINFORCED CONCRETE

- 2.01 Cast-In-Place Concrete Strength (28 day) f'c: 4000psi (Pile Caps)  
Cast-In-Place Concrete Strength (28 day) f'c: 4000psi (Beams)
- 2.02 Reinforcing Steel shall conform to ASTM A615, Grade 60 unless noted otherwise.
- 2.03 Tie all Reinforcing Steel and Embedment securely in place prior to placing concrete. Provide sufficient supports to maintain the position of reinforcement within specified tolerance during all construction activities. Inserting Dowels into wet concrete is not permitted.
- 2.04 Reinforcing Steel shall have the following Concrete Cover unless noted otherwise:  
Concrete Cast Against Earth (Not Formed) 3"  
Formed Concrete Exposed to the Earth, Weather or Liquid 2"
- 2.05 Do not weld or tack weld reinforcing steel unless approved by the Structural Engineer.

3.00 PRESTRESSED CONCRETE PILES

- 3.01 Prestressed losses were assumed to be 45 ksi at Initial Phase and 65 ksi at Final Phase.
- 3.02 Prestressed Strand: 270K Stress-Relieved, 7-Wire Strand
- 3.03 Concrete Strength (28 day): 6000psi
- 3.04 Minimum Concrete Cover: 2" Clear

4.00 CONCRETE ADMIXTURES

- 4.01 All Concrete Mix Designs to include the following Admixtures:
- Corrosion-Inhibiting Admixture
  - Water-Reducing Admixture
  - Air-Entraining Admixture, Maximum 5%
  - Fly Ash, Maximum 25% Minimum 15% by Weight of Cement Content

5.00 RAILING LOAD

- 5.01 Railings are designed for a uniform load of 50 Lbs/LF Horizontally, with 100 Lbs/LF Vertically, or a concentrated load of 200 Lbs in any direction.

6.00 CRANE LOAD

- 6.01 Structure is designed to support a Link-Belt Crane, Model LS-218H with a 120 Ft. Boom and 32,000 Lbs. Load at a 40 Ft. Radius.  
Gross Vehicle Weight = 213,716 Lbs.

7.00 WAVE FORCES

- 4.01 Structure is designed to withstand Wave Impact Forces from a 100-Year Storm Event.


STRUCTURAL GENERAL NOTES

G-001

MEXICO BEACH PIER REPLACEMENT

DAVID K. HEMPHILL  
FL Reg. Landscape Architect #502

PROJECT NO:	90622.01	NO.	DATE	APPR.	REVISION/ACTION TAKEN
DESIGNED BY:	DKH				
DRAWN BY:					
CHK'D BY:	DKH				
PROJ. MGR:	DKH				
DATE:	JULY 2024				
		NOT RELEASED FOR CONSTRUCTION BY		DATE	



BASKERVILLE-DONOVAN, INC.

ENGINEERING THE SOUTH SINCE 1927

449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-5661

ENGINEERING BUSINESS: EB-0000340

Pensacola - Panama City Beach - Tallahassee - Mobile

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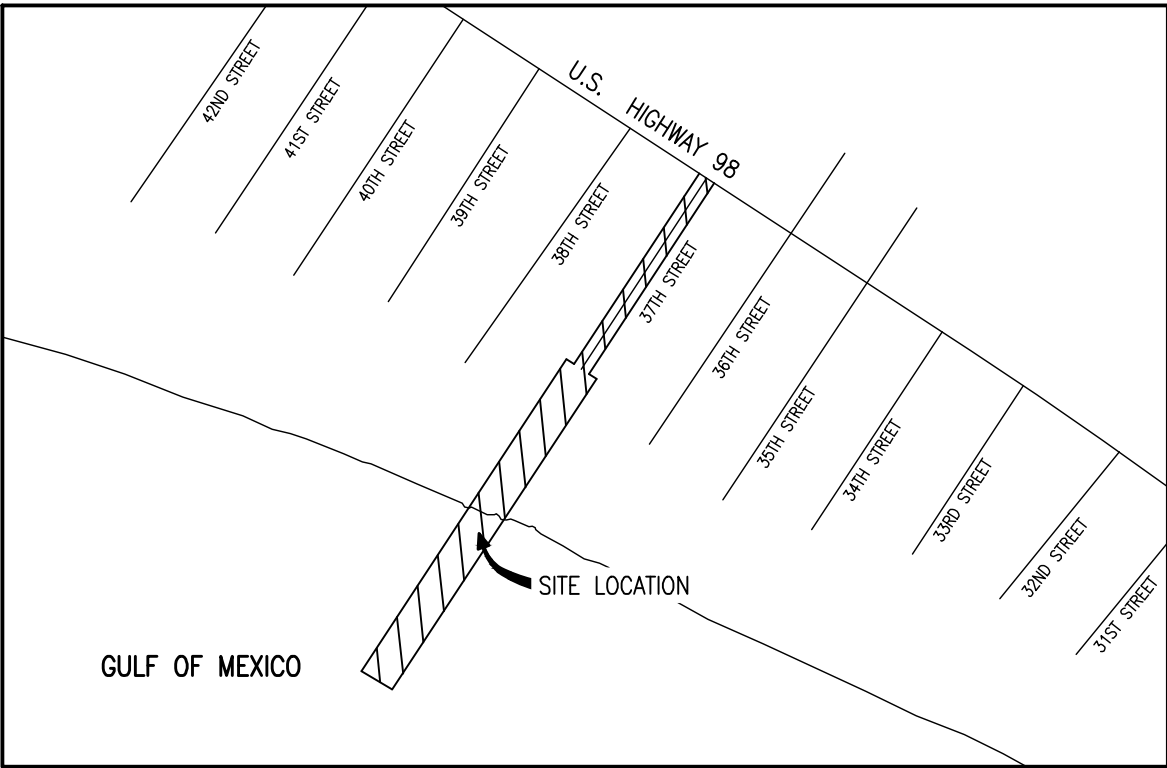
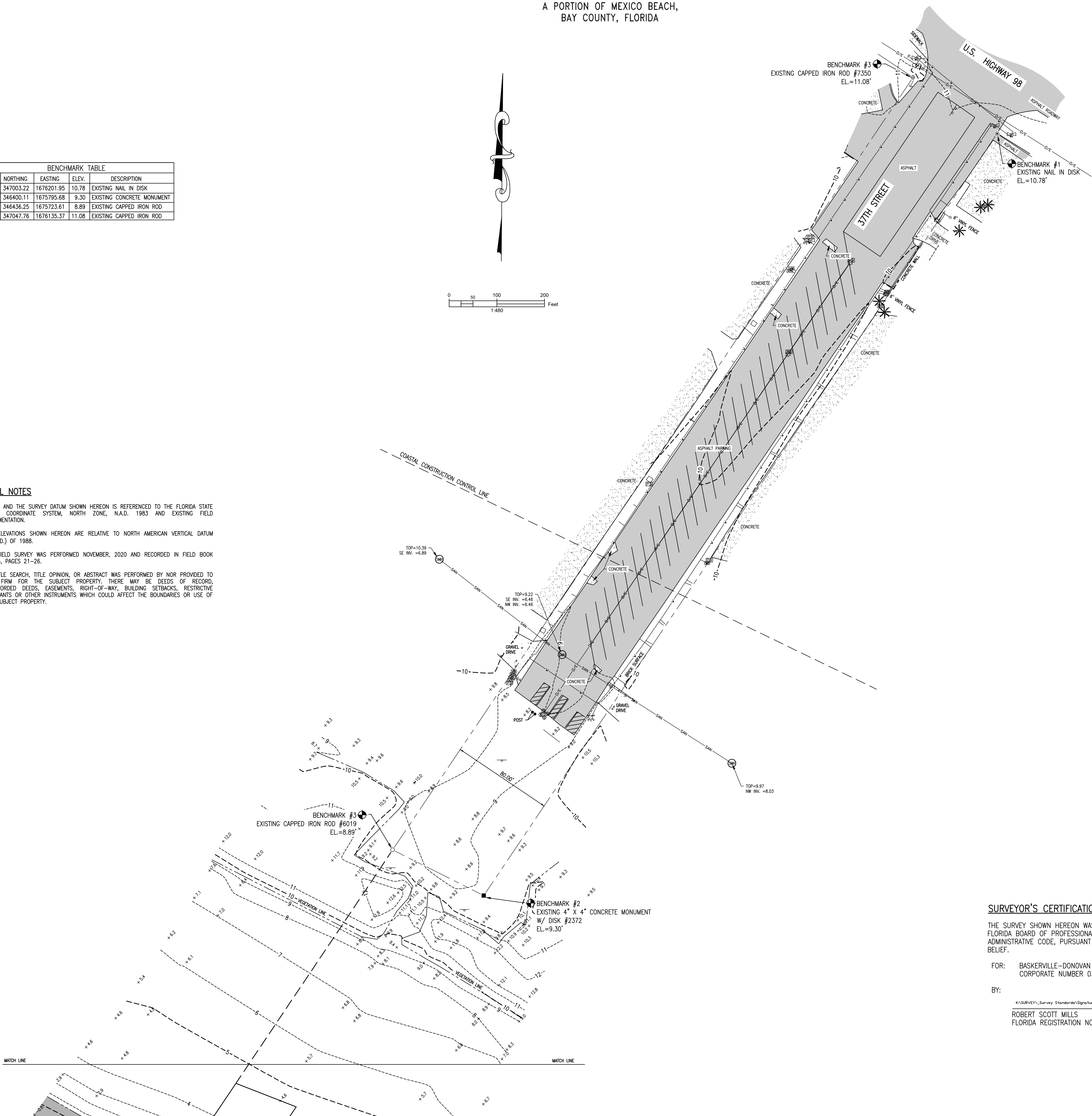
BENCHMARK TABLE				
BM #	NORTHING	EASTING	ELEV.	DESCRIPTION
#1	347003.22	1676201.95	10.78	EXISTING NAIL IN DISK
#2	346400.11	1675795.68	9.30	EXISTING CONCRETE MONUMENT
#3	346436.25	1675723.61	8.89	EXISTING CAPPED IRON ROD
#4	347047.76	1676135.37	11.08	EXISTING CAPPED IRON ROD

GENERAL NOTES

- NORTH AND THE SURVEY DATUM SHOWN HEREON IS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, N.A.D. 1983 AND EXISTING FIELD MONUMENTATION.
- THE ELEVATIONS SHOWN HEREON ARE RELATIVE TO NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.
- THE FIELD SURVEY WAS PERFORMED NOVEMBER, 2020 AND RECORDED IN FIELD BOOK 20-05, PAGES 21-26.
- NO TITLE SEARCH, TITLE OPINION, OR ABSTRACT WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHT-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.

TOPOGRAPHIC SURVEY

A PORTION OF MEXICO BEACH,  
BAY COUNTY, FLORIDA



VICINITY MAP  
NOT TO SCALE

LEGEND

- EXISTING CAPPED IRON ROD #7350
- EXISTING PK NAIL IN DISC
- EXISTING CAPPED IRON ROD #6019
- EXISTING CONCRETE MONUMENT #2372
- CONTOUR ELEVATION AT 1' INTERVALS
- SPOT ELEVATION
- CABLE TELEVISION LINE
- FORCE MAIN
- FIBER OPTIC CABLE
- GAS LINE
- OVERHEAD ELECTRIC LINE
- BURIED ELECTRIC LINE
- SANITARY SEWER LINE
- STORM DRAINAGE
- AERIAL TELEPHONE LINE
- BURIED TELEPHONE LINE
- WATER LINE
- WIRE PULL BOX
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- SANITARY SEWER MANHOLE
- BOLLARD
- POWER POLE
- LIGHT POLE
- GYL ANCHOR
- SINGLE SUPPORT SIGN
- MULTIPLE SUPPORT SIGN
- MAIL BOX
- PALM TREE

SURVEYOR'S CERTIFICATION:

THE SURVEY SHOWN HEREON WAS PREPARED IN COMPLIANCE WITH THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS AND MAPPERS IN CHAPTER 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES TO THE BEST OF MY KNOWLEDGE AND BELIEF.

FOR: BASKERVILLE-DONOVAN INC.  
CORPORATE NUMBER 0340

BY:

ROBERT SCOTT MILLS  
FLORIDA REGISTRATION NO. 5509

12/10/20  
DATE

BASKERVILLE-DONOVAN, INC.  
ENGINEERING THE SOUTH SINCE 1927  
448 W. MAIN ST. - PENSACOLA, FL 32502 (850) 439-9661  
ENGINEERING BUSINESS: EB-0000340  
Pensacola - Panama City Beach - Tallahassee - Mobile

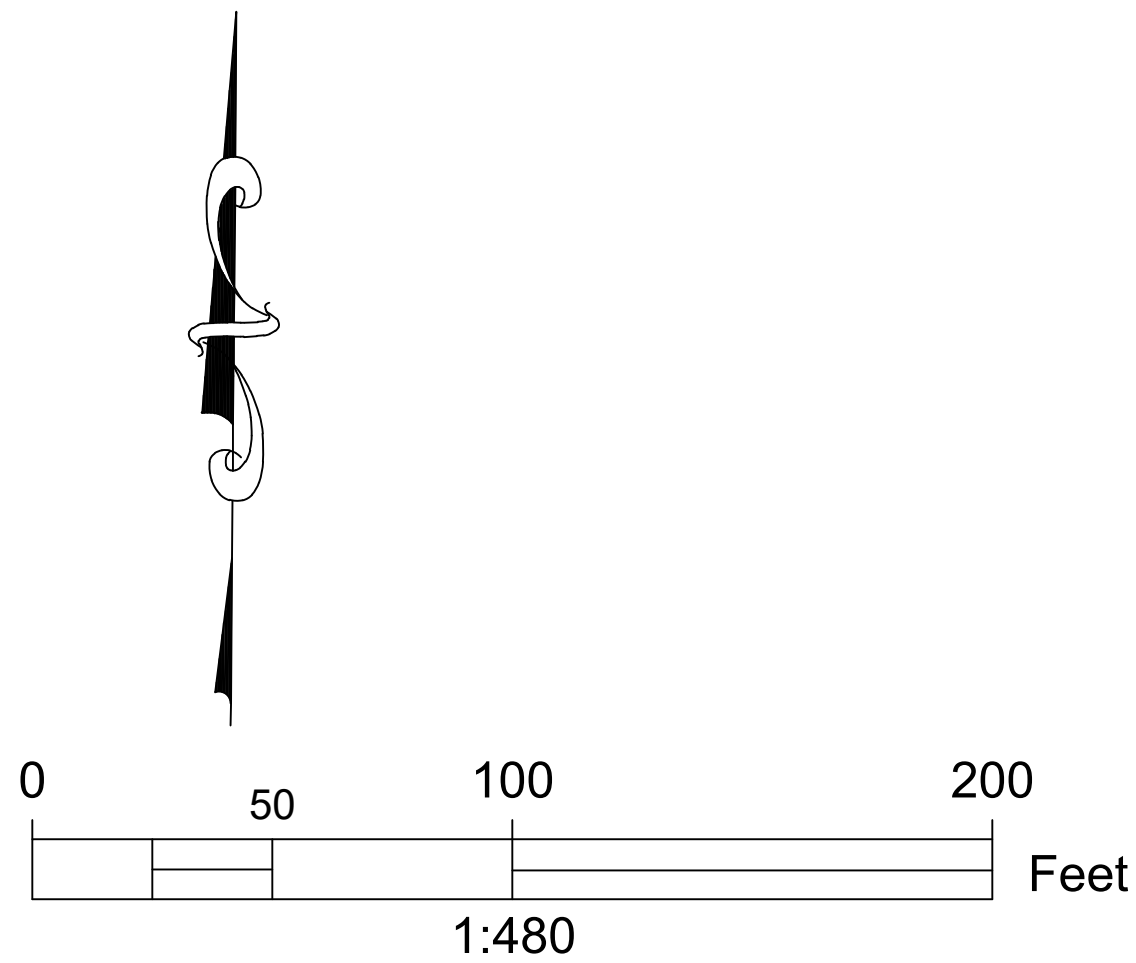
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THIS VALUE INTRODUCED BY THE SURVEYOR IS NOT TO BE USED ON ANY OTHER PROJECT.  
FLORIDA LICENSED SURVEYOR AND MAPPER

A PORTION OF SECTION 22,  
TOWNSHIP 6 SOUTH, RANGE  
12 WEST, BAY COUNTY,  
FLORIDA

PROJECT NO:	906222.01	NO.		DATE		APPR.		REVISION/ACTION TAKEN	
SCALE:	1"=40'	DATE		APPR.		REVISION/ACTION TAKEN			
DRAWN BY:	MOB	DATE		APPR.		REVISION/ACTION TAKEN			
CHK'D BY:	RSM	DATE		APPR.		REVISION/ACTION TAKEN			
PROJ. MGR:	RSM	DATE:	12/10/20	APPR.		REVISION/ACTION TAKEN			
DATE:	12/10/20	APPR.		REVISION/ACTION TAKEN		REVISION/ACTION TAKEN			

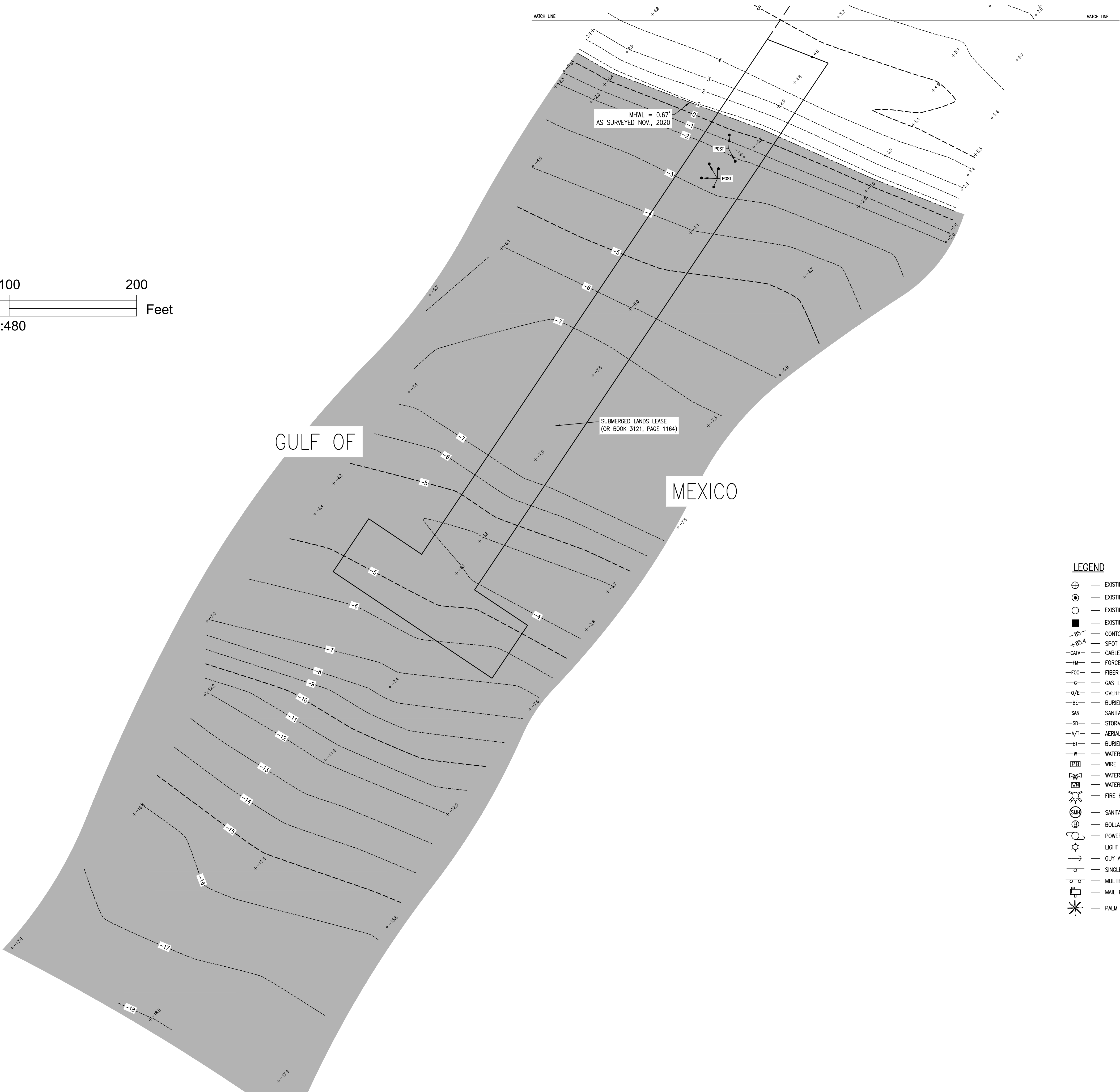
TOPOGRAPHIC SURVEY  
PREPARED FOR & CERTIFIED TO:  
THE CITY OF MEXICO BEACH

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TOPOGRAPHIC SURVEY

A PORTION OF MEXICO BEACH,  
BAY COUNTY, FLORIDA



LEGEND

- ⊕ — EXISTING CAPPED IRON ROD #7350
- ⊙ — EXISTING PK NAIL IN DISC
- — EXISTING CAPPED IRON ROD #6019
- — EXISTING CONCRETE MONUMENT #2372
- 85- — CONTOUR ELEVATION AT 1' INTERVALS
- +85.4 — SPOT ELEVATION
- CATV- — CABLE TELEVISION LINE
- FM- — FORCE MAIN
- FOC- — FIBER OPTIC CABLE
- G- — GAS LINE
- O/E- — OVERHEAD ELECTRIC LINE
- BE- — BURIED ELECTIC LINE
- SAN- — SANITARY SEWER LINE
- SD- — STORM DRAINAGE
- A/T- — AERIAL TELEPHONE LINE
- BT- — BURIED TELEPHONE LINE
- W- — WATER LINE
- [WB] — WIRE PULL BOX
- [WV] — WATER VALVE
- [WM] — WATER METER
- [FH] — FIRE HYDRANT
- [SM] — SANITARY SEWER MANHOLE
- ⊙ — BOLLARD
- ⊙ — POWER POLE
- ⊙ — LIGHT POLE
- ⊙ — GUY ANCHOR
- ⊙ — SINGLE SUPPORT SIGN
- ⊙ — MULTIPLE SUPPORT SIGN
- ⊙ — MAIL BOX
- \* — PALM TREE

TOPOGRAPHIC SURVEY

PREPARED FOR & CERTIFIED TO:  
THE CITY OF MEXICO BEACH

PROJECT NO:  
90622.01

SCALE: 1"=40'

DRAWN BY: MOB

CHK'D BY: RSM

PROJ. MGR: RSM

DATE: 12/10/20

NO.

DATE

APPR.

REVISION/ACTION TAKEN

A PORTION OF SECTION 22,  
TOWNSHIP 6 SOUTH, RANGE  
12 WEST, BAY COUNTY,  
FLORIDA

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upon request.

NOT VALID WITHOUT THE SIGNATURE  
OF A PROFESSIONAL ENGINEER OR A  
FLORIDA LICENSED SURVEYOR AND  
MAPPER

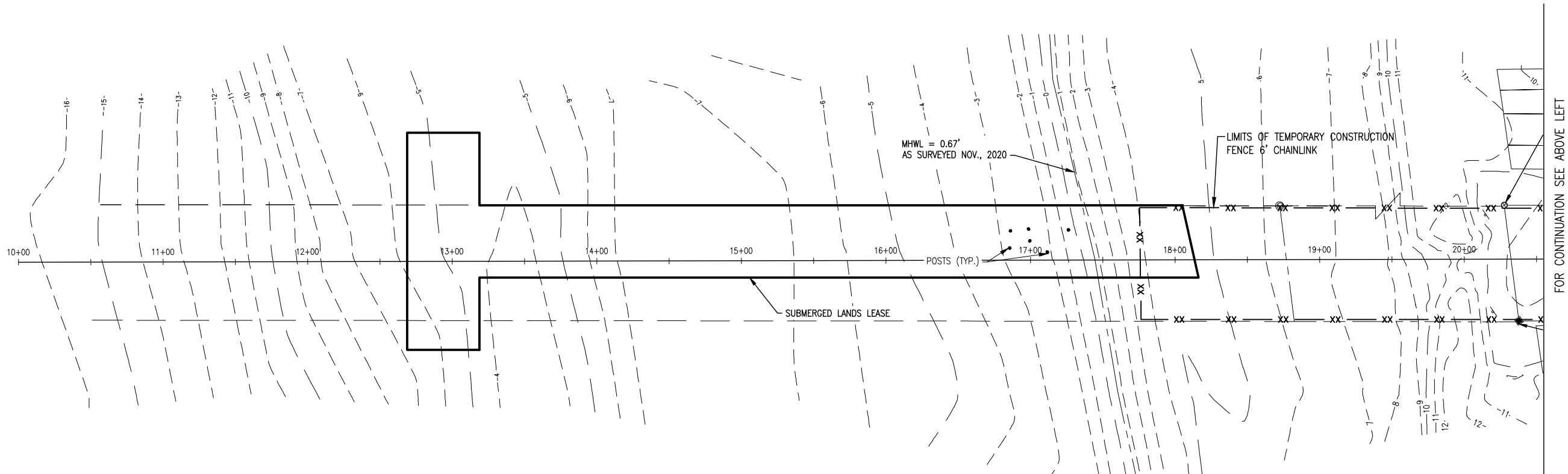


BASKERVILLE-DONOVAN, INC.  
ENGINEERING THE SOUTH SINCE 1927

449 W. MAIN ST., PENSACOLA, FL 32502 (850)438-9861  
ENGINEERING BUSINESS: EP-0000340

Pensacola - Panama City Beach - Tallahassee - Mobile

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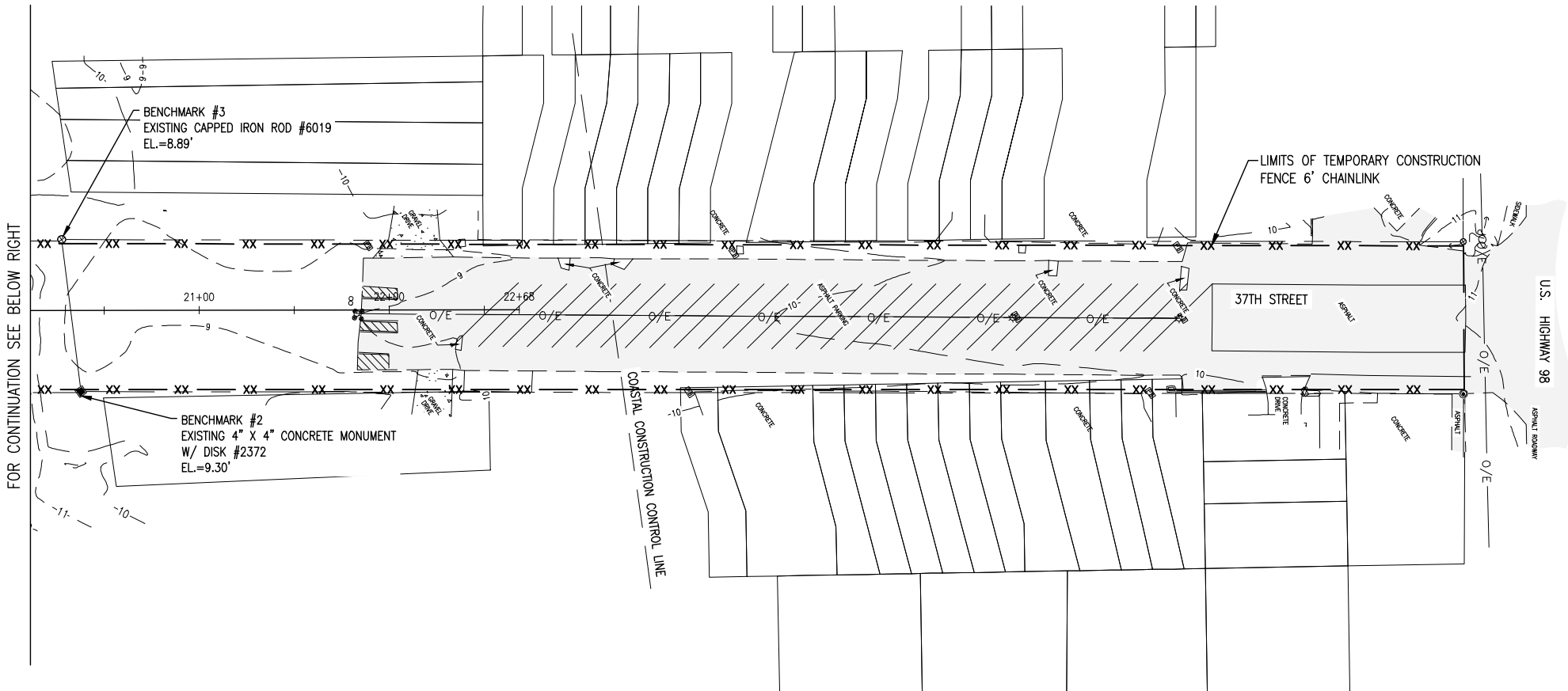
NOTE:  
THE PARKING LOT REMAINS, AND HAS BEEN RESURFACED.  
THE PIER WAS COMPLETELY DESTROYED AND KNOWN PILES HAVE BE REMOVED.  
THE RESTROOM WAS COMPLETELY DESTROYED.

A1

SITE PLAN - EXISTING PIER AND RESTROOM  
(DESTROYED IN HURRICANE MICHAEL)

SCALE: 1" = 40'

0 20' 40' 80'



EXISTING SITE PLAN  
(PRIOR TO  
HURRICANE MICHAEL)

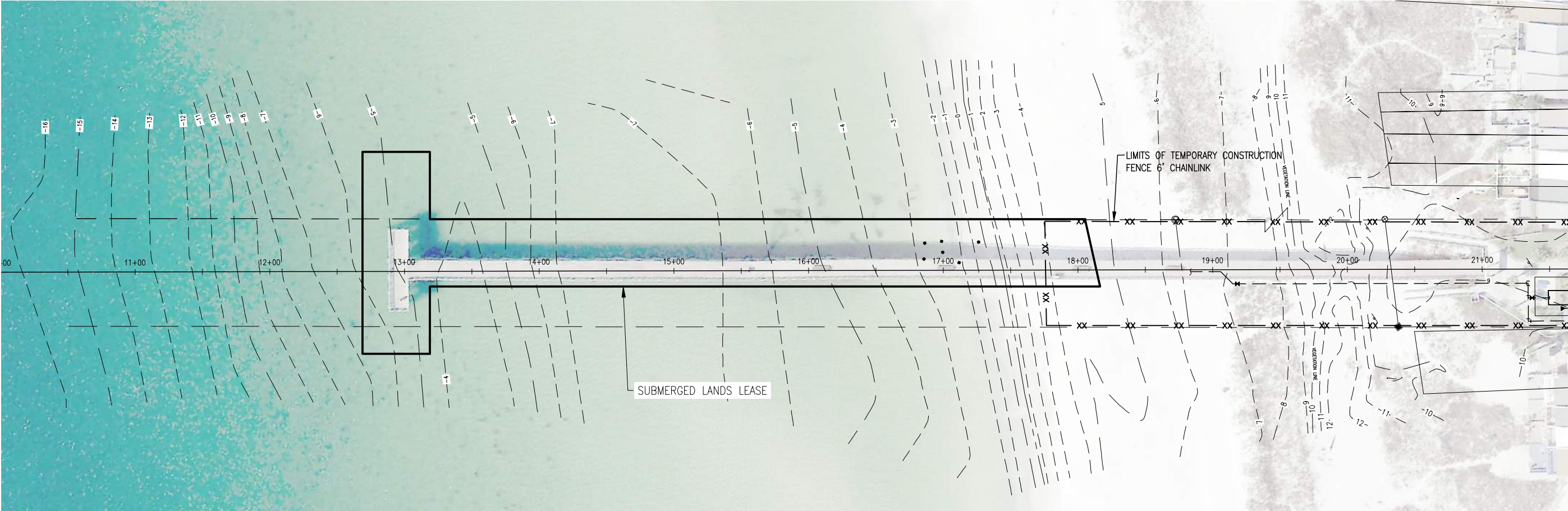
C-100

MEXICO BEACH PIER  
REPLACEMENT

DAVID K. HEMPHILL  
FL Reg. Landscape  
Architect #502

BASKERVILLE-DONOVAN, INC.  
ENGINEERING THE SOUTH SINCE 1927  
449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-5661  
ENGINEERING BUSINESS: EB-0000340  
Pensacola - Panama City Beach - Tallahassee - Mobile  
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PROJECT NO.	NO.	DATE	APPR.	REVISION / ACTION TAKEN
90622.01				
DESIGNED BY: DKH				
DRAWN BY: MLW				
CHK'D BY: DKH				
PROJ. MGR: DKH				
DATE: JULY 2024				
NOT RELEASED FOR CONSTRUCTION BY				



A1

SUBMERGED LAND LEASE BOUNDARY

SCALE: 1" = 40'

0

20'

40'

80'

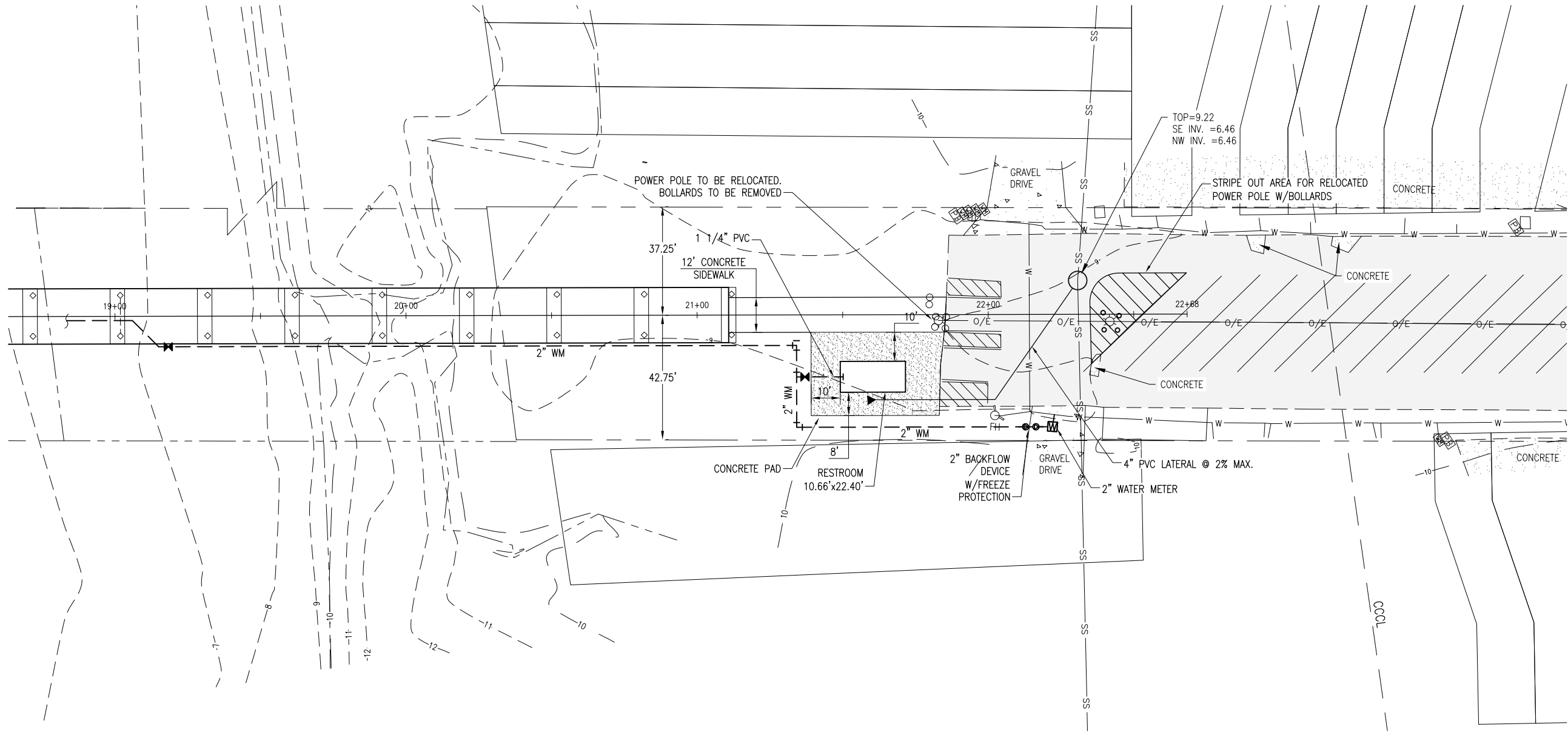
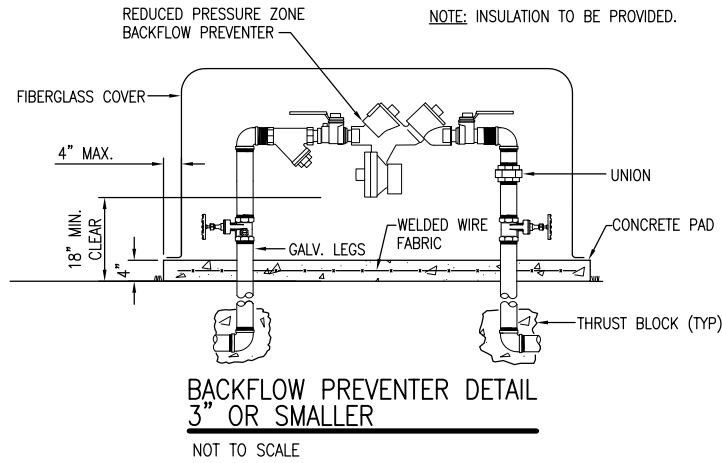
SUBMERGED LAND LEASE BOUNDARY	PROJECT NO:	90622.01	NO.	DATE	APPR.	REVISION / ACTION	MEXICO BEACH PIER REPLACEMENT	<b>BASKERVILLE-DONOVAN, INC.</b> ENGINEERING THE SOUTH SINCE 1927 449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 498-5661 ENGINEERING BUSINESS: EB-0000340 Pensacola - Panama City Beach - Tallahassee - Mobile This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.
	DESIGNED BY:	DKH						
	DRAWN BY:	MLW						
	CHK'D BY:	DKH						
	PROJ. MGR:	DKH						
DATE:	JULY 2024	NOT RELEASED FOR CONSTRUCTION BY		DATE				

C-101

DAVID K. HEMPHILL  
FL Reg. Landscape Architect #502

**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927  
449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 498-5661  
ENGINEERING BUSINESS: EB-0000340  
Pensacola - Panama City Beach - Tallahassee - Mobile  
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E:\DWG\906\90622.01\C-103 SitePlan -BaseBid-A127.dwg, Apr 10, 2025 - 8:43:12AM, rgeiger



**A1** SITE PLAN - RESTROOM

SCALE: 1" = 20'

0 10' 20' 40'



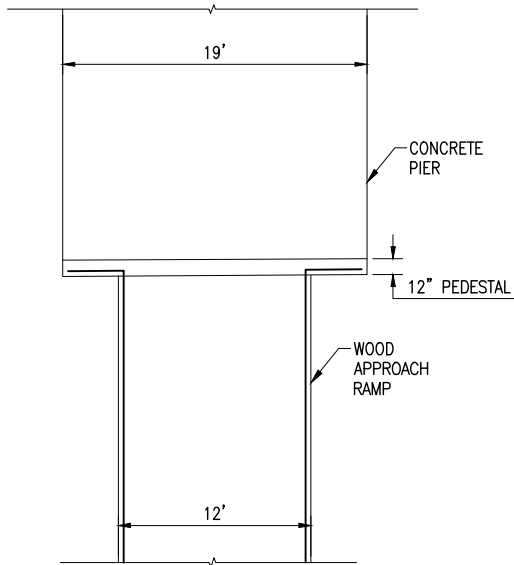
**BASE BID**

**MEXICO BEACH PIER  
REPLACEMENT**

PROJECT NO:	NO.	DATE	APPR.	REVISION / ACTION	TAKEN
<b>90622.01</b>					
DESIGNED BY: DKH					
DRAWN BY: RGG					
CHK'D BY: DKH					
PROJ. MGR: DKH					
DATE: APR 2025					
NOT RELEASED FOR CONSTRUCTION BY _____ DATE ____/____/____					

**SITE PLAN  
RESTROOM**

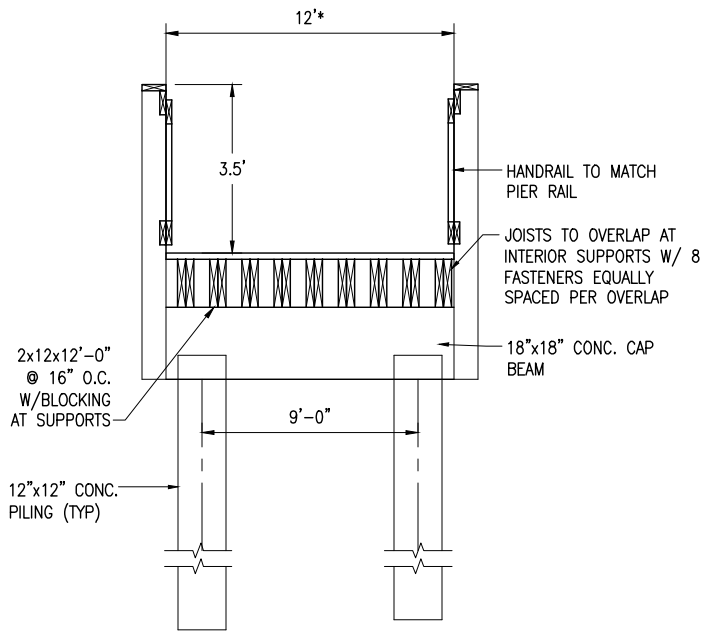
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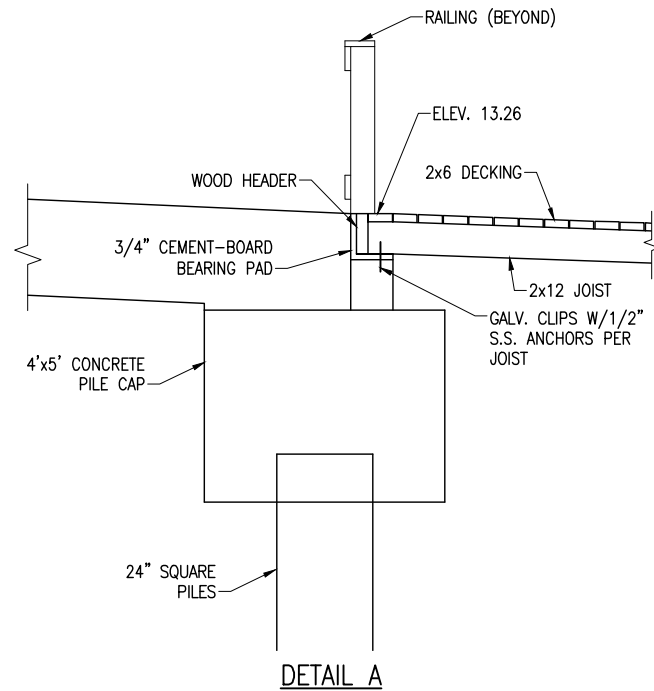
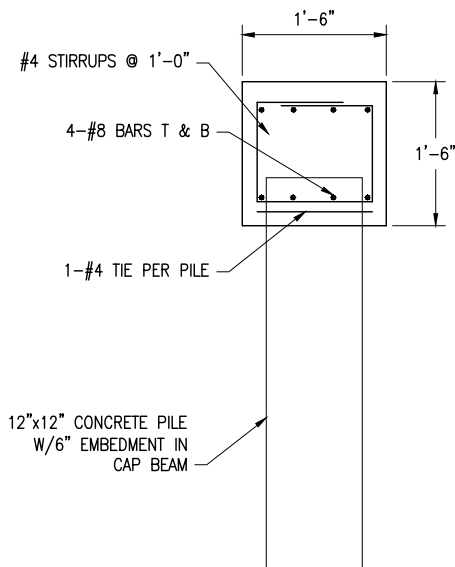
LIMITS OF HANDRAIL (PLAN)  
NOT TO SCALE

NOTES:

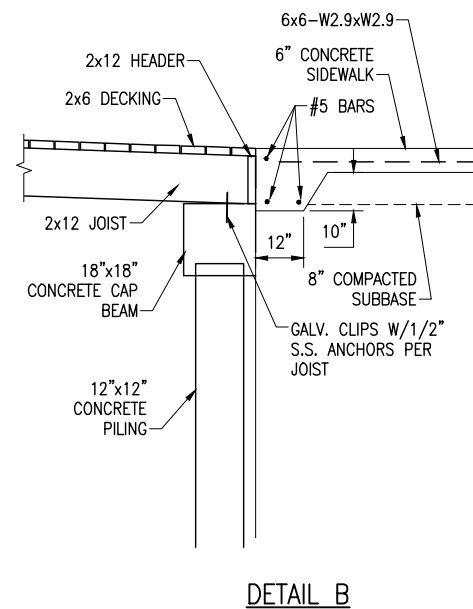
1. ALL WOOD PRODUCTS ARE TO BE PRESSURE-TREATED TO MARINE LEVEL.
2. ALL HARDWARE (EXCEPT STRAPS) SHALL BE HOT-DIPPED GALVANIZED.
3. JOISTS SHALL BE 12-FEET LONG TO PROVIDE AN OVERLAP AT EACH CAP BEAM W/ 8 FASTENERS ON EITHER SIDE OF OVERLAP.
4. STAINLESS STEEL TIE-DOWN STRAP SHALL BE SANDWICHED IN THE OVERLAP WITH 4 FASTENERS ON UPPER SIDE OF THE TIE-DOWN.



APPROACH RAMP - SECTION  
NOT TO SCALE

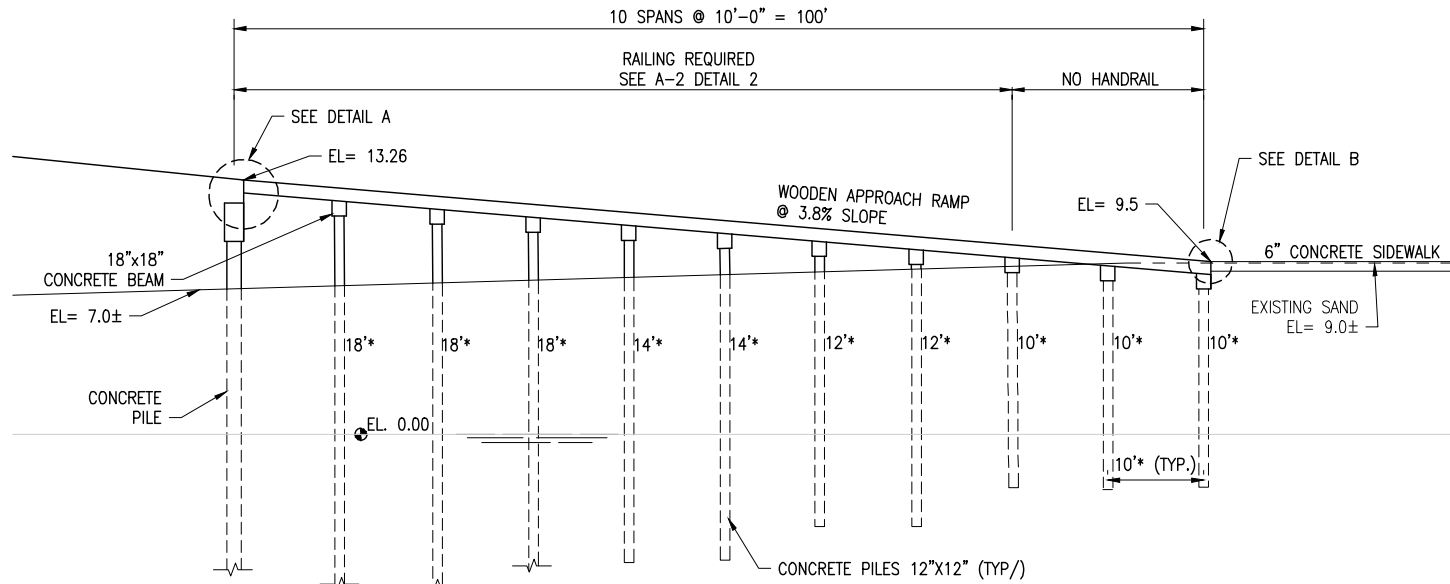


DETAIL A



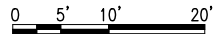
DETAIL B

CONNECTIONS AT PIER AND SIDEWALK  
NOT TO SCALE



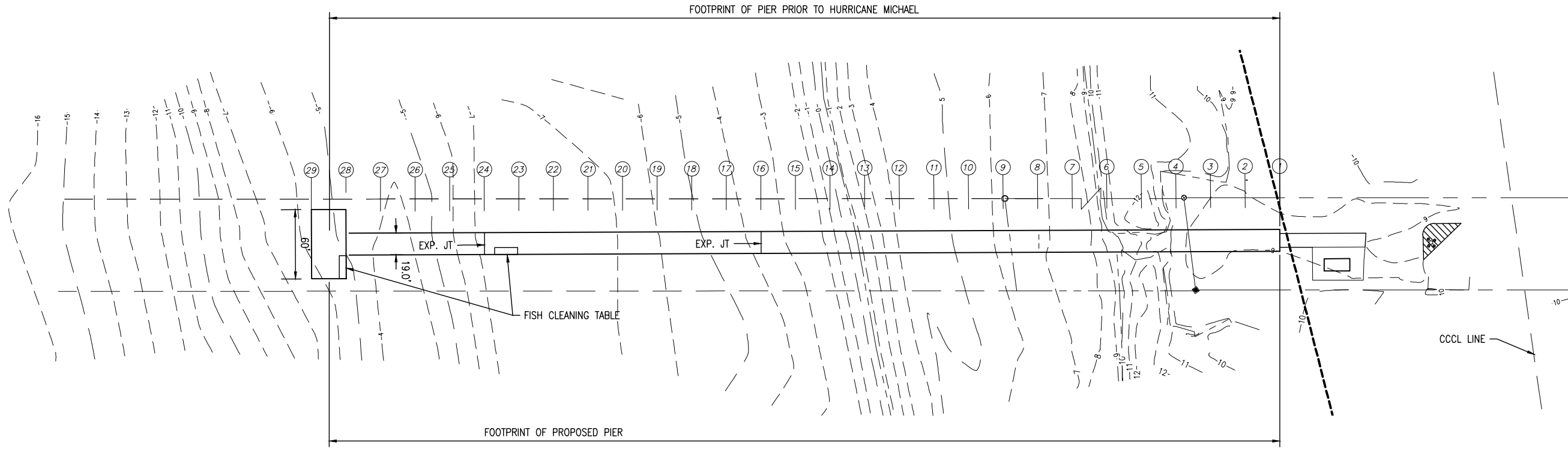
WOODEN PEDESTRIAN APPROACH RAMP - ELEVATION

SCALE: 1" = 10'  
HORIZ. & VERT.



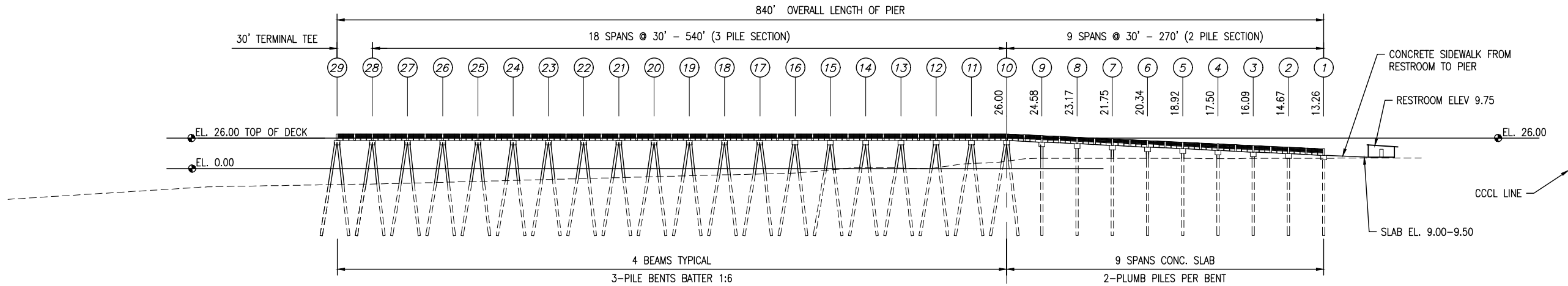
<b>BASKERVILLE-DONOVAN, INC.</b> ENGINEERING THE SOUTH SINCE 1927 449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-5661 ENGINEERING BUSINESS: EB-0000340 Pensacola - Panama City Beach - Tallahassee - Mobile This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.	
<b>DAVID K. HEMPHILL</b> FL Reg. Landscape Architect #502	
<b>MEXICO BEACH PIER REPLACEMENT</b>	
PROJECT NO:	90622.01
DESIGNED BY:	DKH
DRAWN BY:	MLW
CHK'D BY:	DKH
PROJ. MGR:	DKH
DATE:	JULY 2024
NO.	DATE
APPR.	DATE
REVISION/ACTION	TAKEN
NOT RELEASED FOR CONSTRUCTION BY DATE	
<b>WOODEN PEDESTRIAN APPROACH RAMP ELEVATION</b>	
<b>C-104</b>	

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NOTE:  
USE A 4" SCH 80 PVC PIPE TO CONNECT FISH CLEANING TABLE TO DISCHARGE POINT 2 FEET  
ABOVE THE BOTTOM OF THE GULF. ATTACH PIPE TO 24" PILE WITH STAINLESS STEEL STRAP,  
5' O.C. (TWO BELOW THE WATER). INSTALL UNDER THE PIER.

**C1** PLAN  
SCALE: 1" = 50'  
0 25' 50' 100'



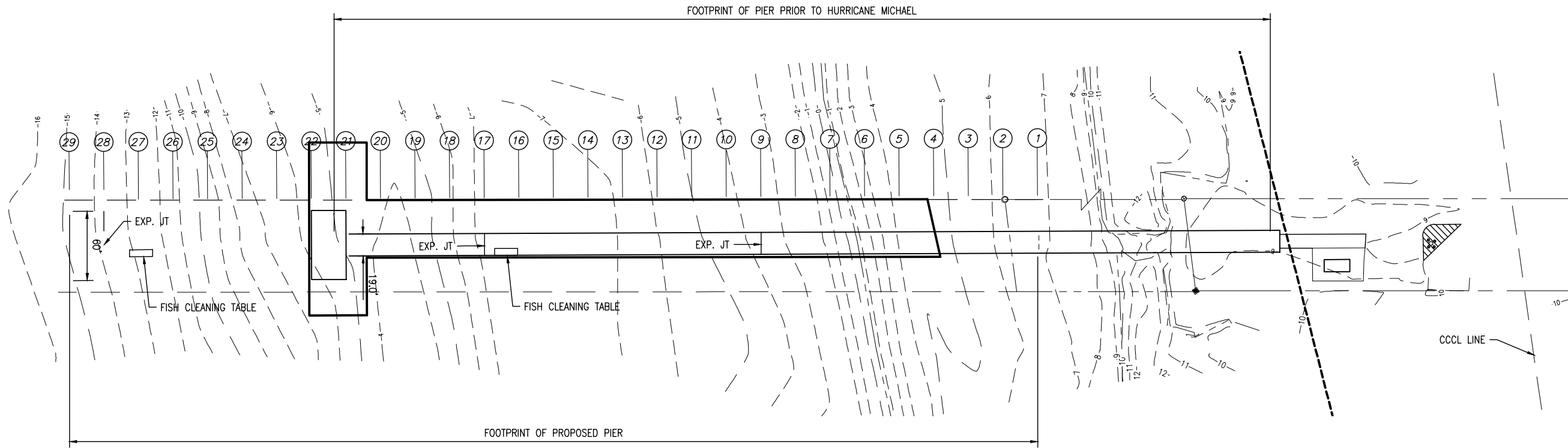
**A1** ELEVATION  
SCALE: 1" = 50'  
0 25' 50' 100'

**MEXICO BEACH PIER  
REPLACEMENT**

NO.	DATE	APPR.	REVISION / ACTION	TAKEN
PROJECT NO:	90622.01			
DESIGNED BY:	DKH			
DRAWN BY:	MLW			
CHK'D BY:	DKH			
PROJ. MGR:	DKH			
DATE:	JULY 2024			
NOT RELEASED FOR CONSTRUCTION BY DATE				

**PLAN AND  
ELEVATION**

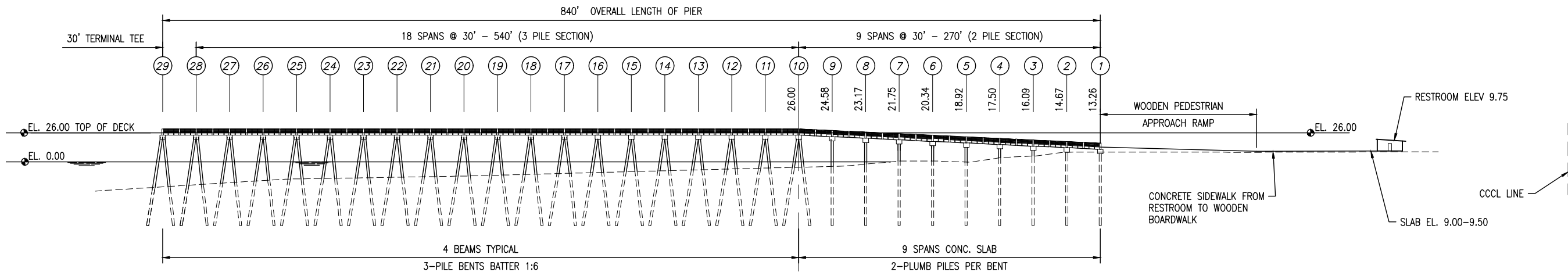
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**C1** PLAN  
SCALE: 1" = 50'  
0 25' 50' 100'

**NOTES:**

1. USE A 4" SCH 80 PVC PIPE TO CONNECT FISH CLEANING TABLE TO DISCHARGE POINT 2 FEET ABOVE THE BOTTOM OF THE GULF. ATTACH PIPE TO 24" PILE WITH STAINLESS STEEL SPLIT RING HANGER, 5' O.C. (TWO BELOW THE WATER). INSTALL UNDER THE PIER.
2. TWO (2) REQUIRED FISH CLEANING TABLES SHALL BE:  
MFG: "KILLER DOCK" - MODEL: "SLAB 6-1/2" WITH SLAM 90 BASE AND ADA SKIRT.  
[www.killerdock.com](http://www.killerdock.com)



**A1** ELEVATION  
SCALE: 1" = 50'  
0 25' 50' 100'

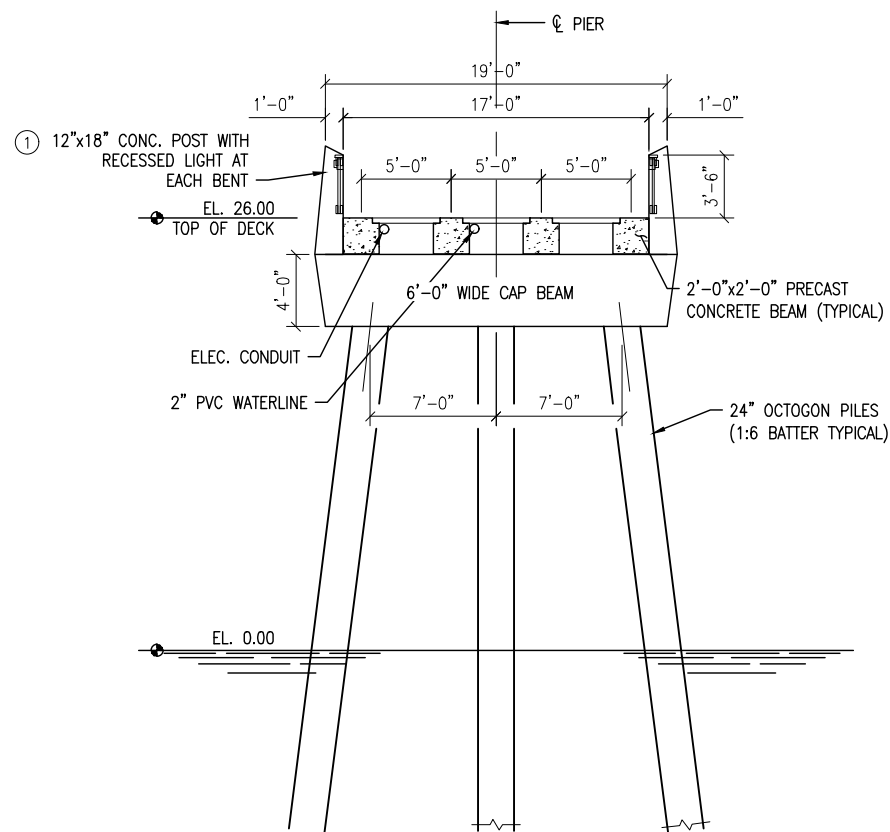
**BID ALTERNATE 28**


**MEXICO BEACH PIER  
REPLACEMENT**

PROJECT NO.	DESIGNED BY:	DRAWN BY:	CHK'D BY:	PROJ. MGR:	DATE	NO.	DATE	APPR.	REVISION/ACTION TAKEN
90622.01	DKH	MLW	DKH	DKH	JULY 2024				

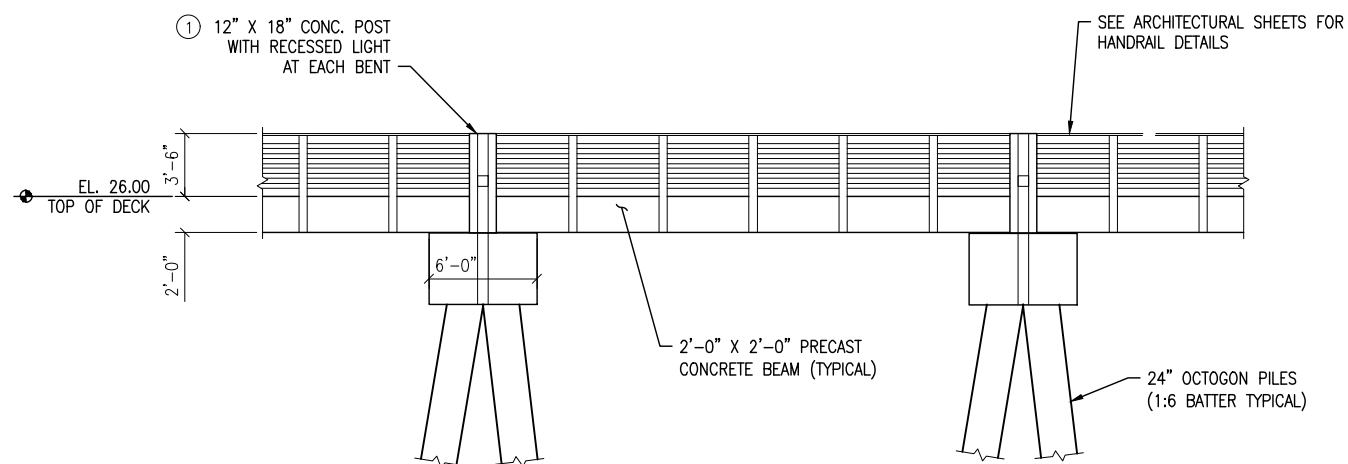
**PLAN AND  
ELEVATION**

**S-101A**



**B1** TYPICAL PIER SECTION BENTS 10 THRU 27  
SCALE: 3/16" = 1'-0" 

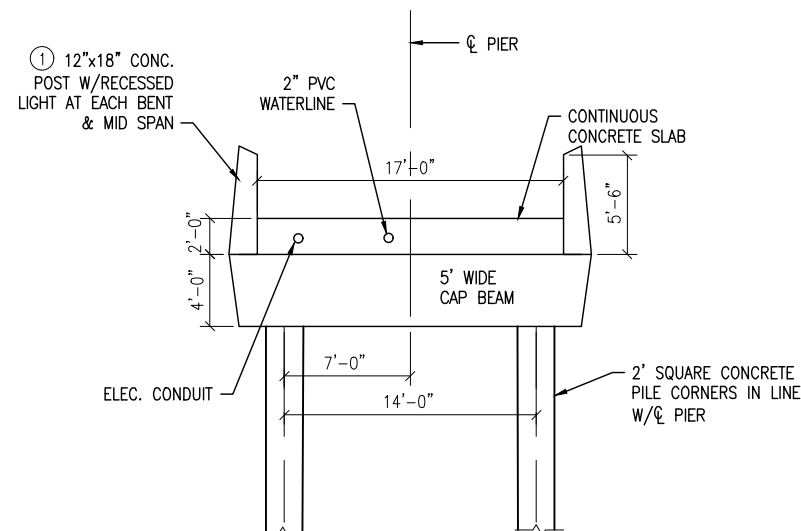
① REFER TO ARCHITECTURAL SHEETS FOR RAIL  
POST DETAILS



**A1** TYPICAL SPAN ELEVATION

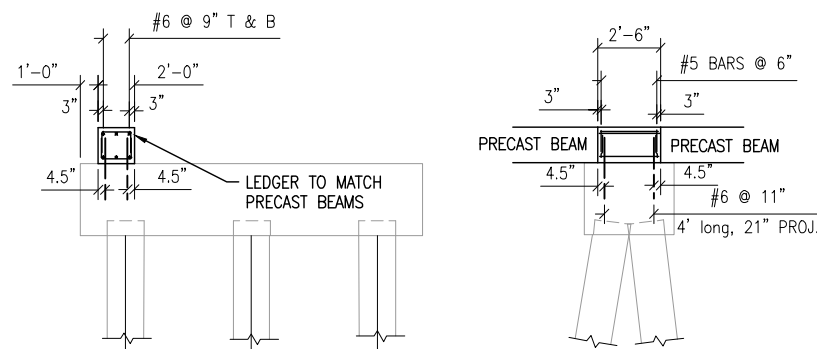
SCALE: 3/16" = 1'-0"

0 5' 10'

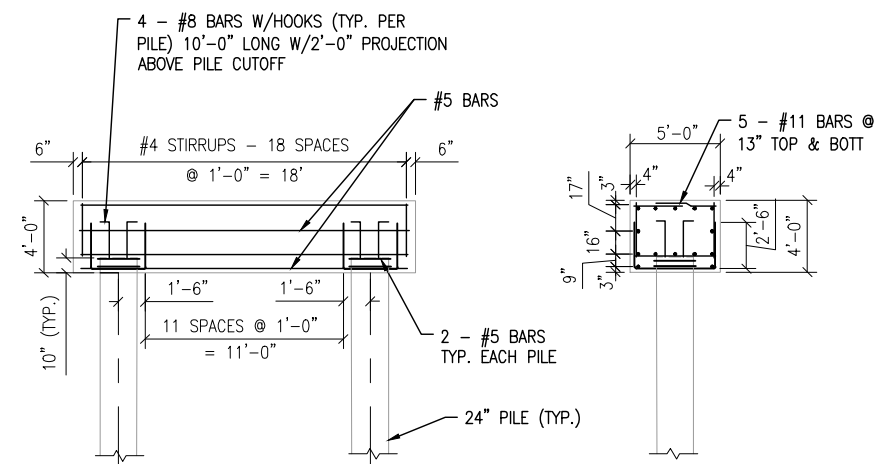


D3 SPANS 1 thru 9  
SCALE: 3/16" = 1'-0" 0 5' 10'

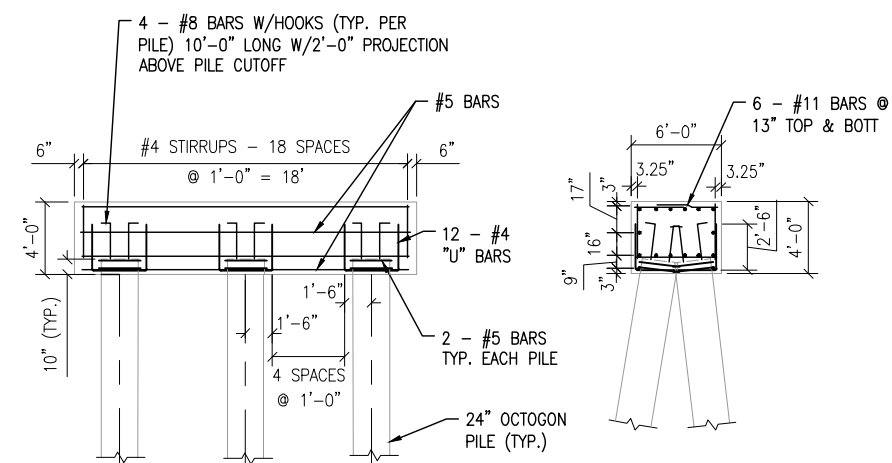
RIGHT EXTERIOR CLOSURE POUR IS OPPOSITE HAND FROM THAT SHOWN.  
INTERIOR CLOSURE POURS ARE SIMILAR W/LEDGERS AT BOTH TOP CORNERS.



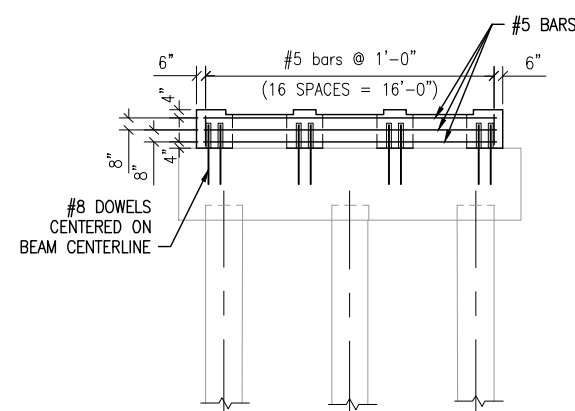
B3 CLOSURE POUR DETAIL  
NOT TO SCALE



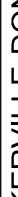
D4 2 - PILE CAP DETAIL  
NOT TO SCALE

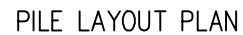


B4 3 - PILE CAP DETAIL  
NOT TO SCALE



**A4** EXPANSION JOINT DETAIL  
NOT TO SCALE  
PIERS 13, 16, 19, 22, 25, & 28

<b>S-102</b>  <b>TYPICAL SECTION</b>  <b>AND SPAN ELEVATION</b>	PROJECT NO: <b>90622.01</b>	NO.	DATE	APPR.	REVISION/ACTION TAKEN
	DESIGNED BY: DKH				
	DRAWN BY: MLW				
	CHECK'D BY: DKH				
	PROJ. MGR: DKH				
	DATE: JULY 2024				
	NOT RELEASED FOR CONSTRUCTION BY DATE: / /				
<div> <div>  <div> <b>BASKERVILLE-DONOVAN, INC.</b>  <b>ENGINEERING THE SOUTH SINCE 1927</b>            449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-5861            ENGINEERING BUSINESS: EB-4000340            Pensacola - Panama City Beach - Tallahassee - Mobile         </div> </div> <div> <b>MEXICO BEACH PIER REPLACEMENT</b> </div> <div> <div> <b>DAVID K. HEMPHILL</b>            FL Reg. Professional Engineer            No. 15502            Architect         </div> <div> <i>This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.</i> </div> </div> </div>					



SECTION A - A

PLAN AT BENTS 10 THRU 28



NOTES:

1. BATTER PILES 1:6 IN DIRECTION INDICATED BY ARROW.
2. PILE TIE DOWN DIMENSIONS GIVEN AT BOTTOM OF BENT CAP.
3. ARCHITECTURAL FEATURES DEPICTED IN A-XX SHEETS SHALL BE INCORPORATED INTO FORMS OF CAST IN PLACE PILE CAPS AND PILASTERS. SHOP DRAWINGS FOR FORMS WILL BE SUBMITTED FOR APPROVAL PRIOR TO CASTING PILE CAPS AND MIDSPAN PILASTERS.

**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927

449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-9861  
ENGINEERING BUSINESS: EB-0000340

Pensacola - Panama City Beach - Tallahassee - Mobile

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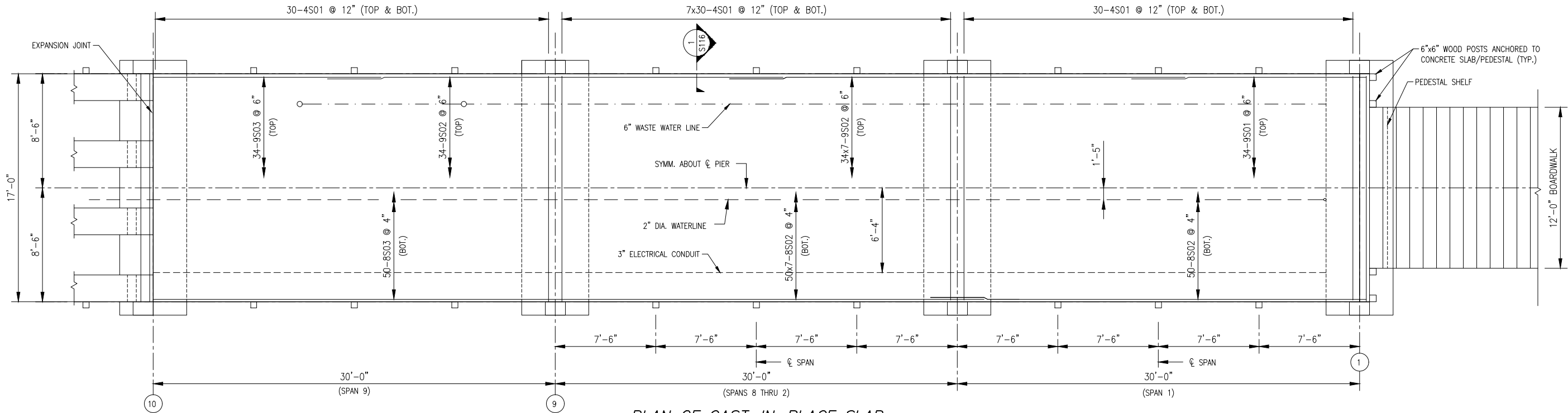
DAVID K. HEMPHILL  
FL Reg. Landscape  
Architect #502

**MEXICO BEACH PIER  
REPLACEMENT**

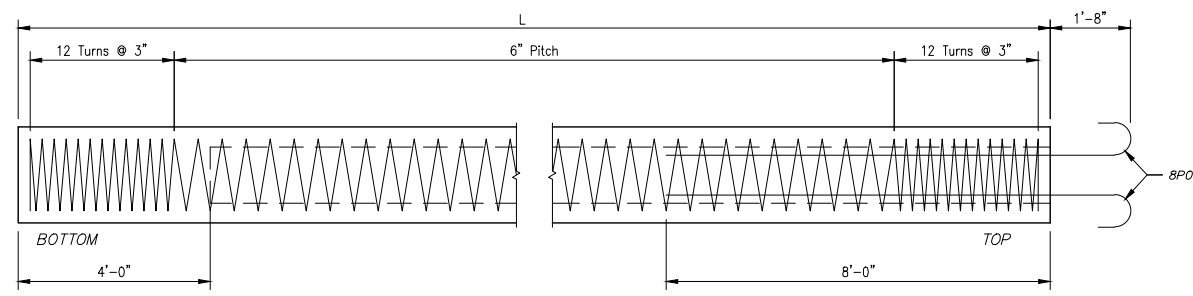
PROJECT NO:	NO.	DATE	APPR.	REVISION/ACTION TAKEN
<b>90622.01</b>				
DESIGNED BY: DKH				
DRAWN BY:				
CHKD BY: DKH				
PROJ. MGR: DKH				
DATE: JULY 2024				
NOT RELEASED FOR CONSTRUCTION BY DATE //				

## PILE LAYOUT PLAN

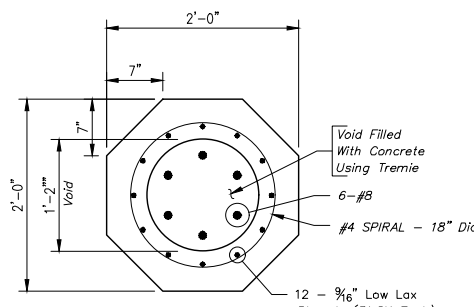
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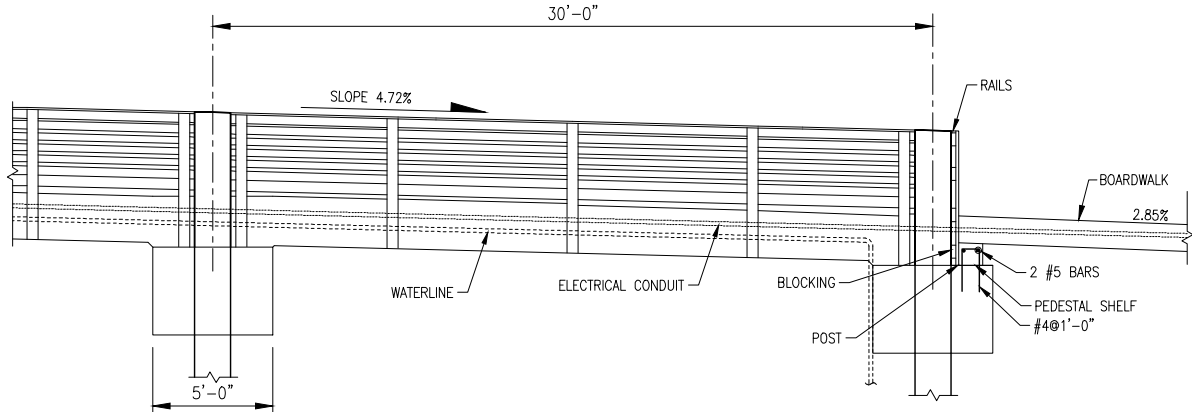
PLAN OF CAST-IN-PLACE SLAB  
Scale: 1/4" = 1'-0"



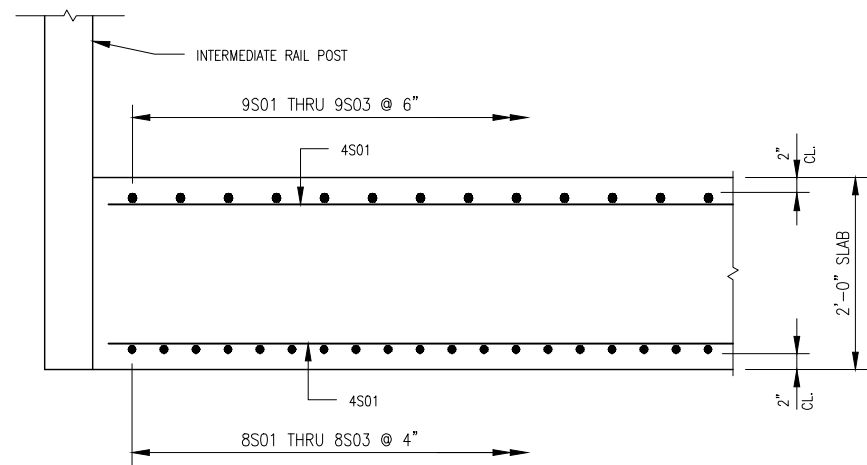
ELEVATION OF OCTAGONAL PILE  
Scale: 1/2" = 1'-0" - SQUARE PILE SIMILAR



OCTAGONAL PILE SECTION  
Scale: 1" = 1'-0"



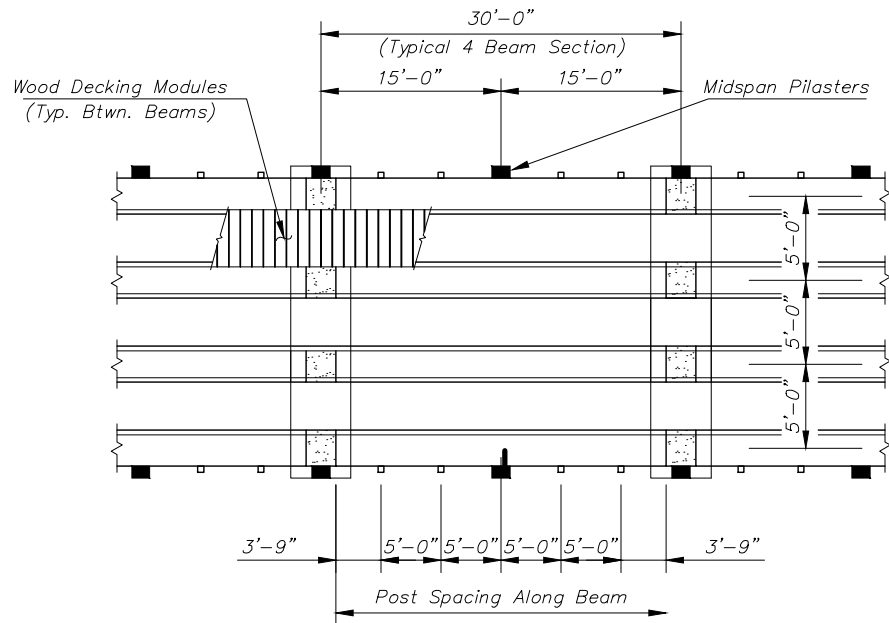
TYPICAL SPAN ELEVATION  
Not To Scale



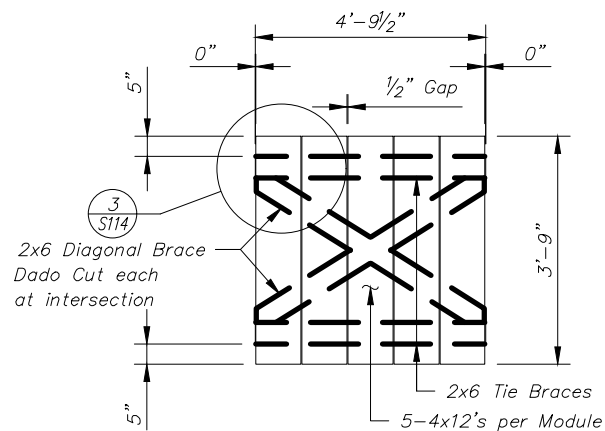
1  
S116  
SECTION  
Scale: 1" = 1'-0"

<b>BASKERVILLE-DONOVAN, INC.</b> ENGINEERING THE SOUTH SINCE 1927 449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-5661 ENGINEERING BUSINESS: EB-0000340 Pensacola - Panama City Beach - Tallahassee - Mobile This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.	
<b>DAVID K. HEMPHILL</b> FL Reg. Landscape Architect #502	
<b>MEXICO BEACH PIER REPLACEMENT</b>	
PROJECT NO:	90622.01
DESIGNED BY:	DKH
DRAWN BY:	DKH
CHK'D BY:	DKH
PROJ. MGR:	DKH
DATE:	JULY 2024
NO.	DATE
APPR.	REVISION/ACTION TAKEN
NOT RELEASED FOR CONSTRUCTION BY _____ DATE _____	
<b>CAST-IN-PLACE SLAB DETAILS</b> <b>SPANS 1 THRU 9</b>	
<b>S-104</b>	

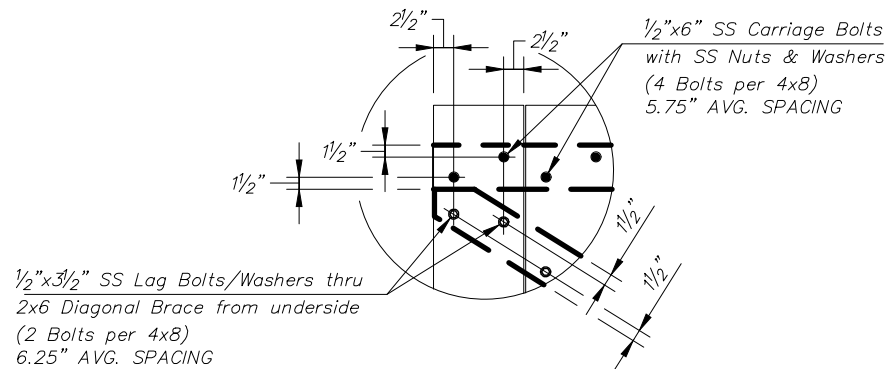
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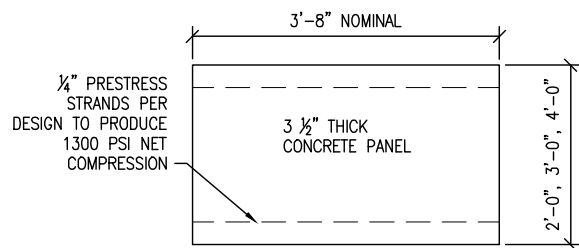
A7 PLAN OF TYPICAL 4 BEAM SPAN  
Scale:  $\frac{1}{8}"=1'-0"$



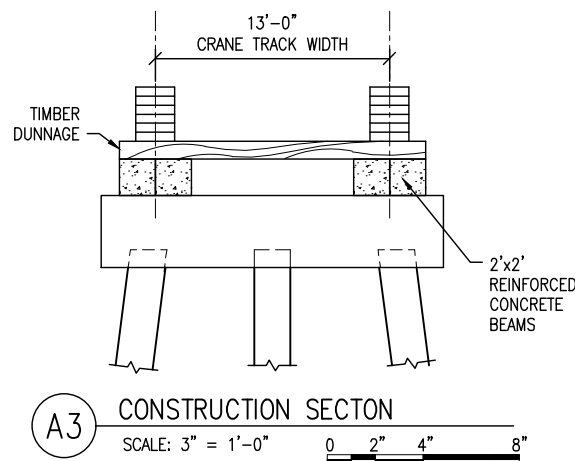
A6 WOOD DECKING MODULE  
Scale:  $\frac{1}{2}"=1'-0"$



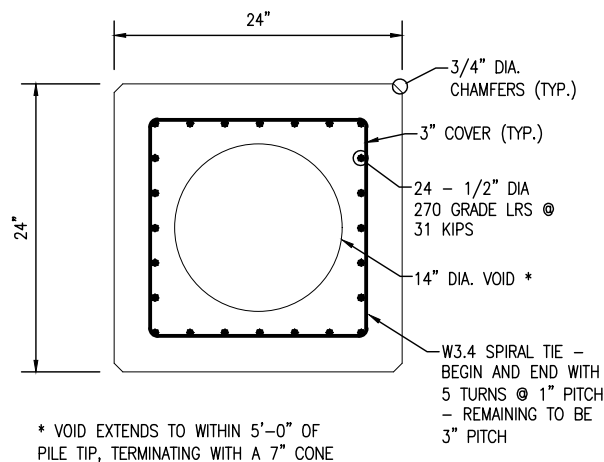
A5 DETAIL  
Scale: 1"=1'-0"



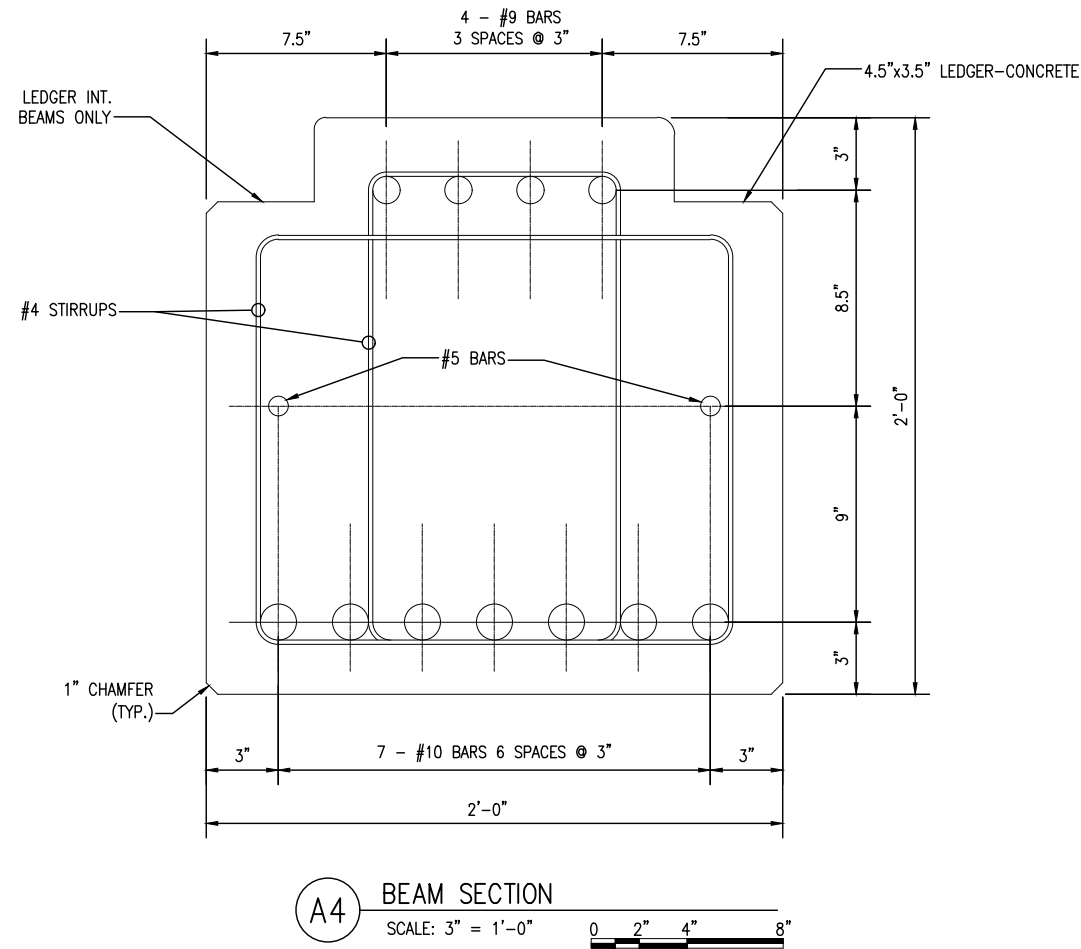
A5 ALTERNATE BID -DECKING MODULE  
NOT TO SCALE  
NOTE: ALTERNATE MUST TOTALLY REPLACE WOOD DECK  
MODULES. INTERMINGLING OF MATERILAS WILL NOT BE ALLOWED.



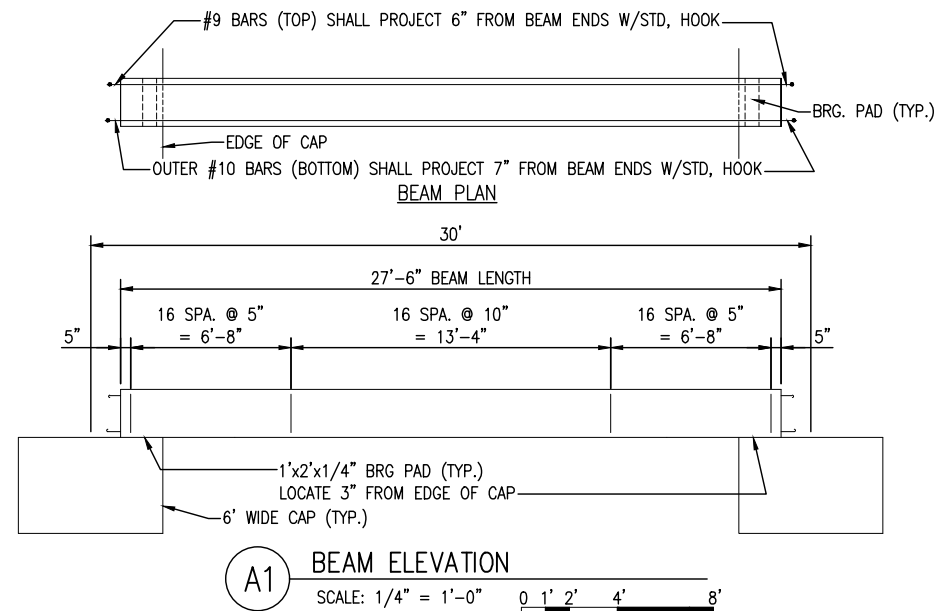
A3 CONSTRUCTION SECTION  
SCALE: 3" = 1'-0" 0 2" 4" 8"



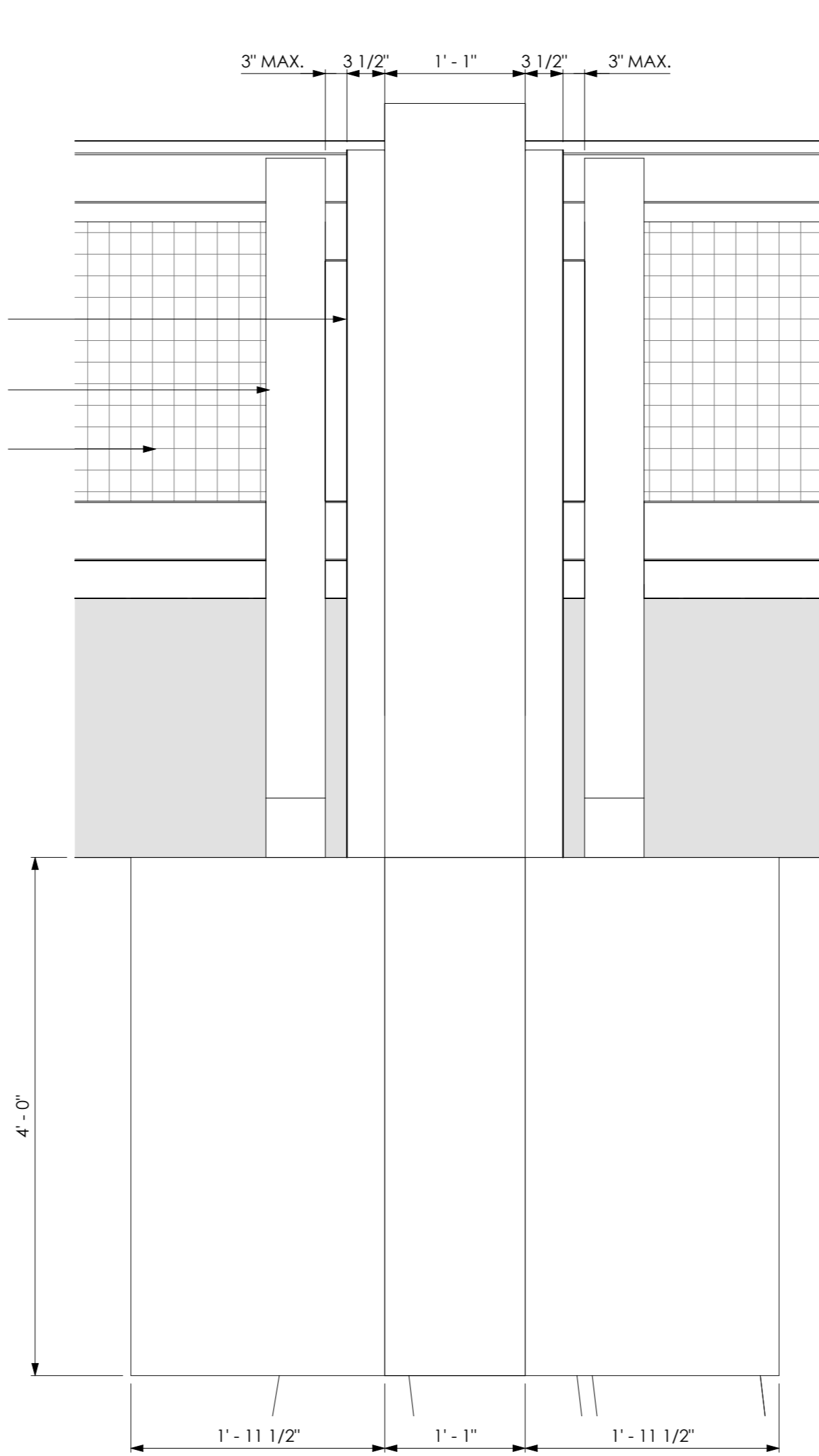
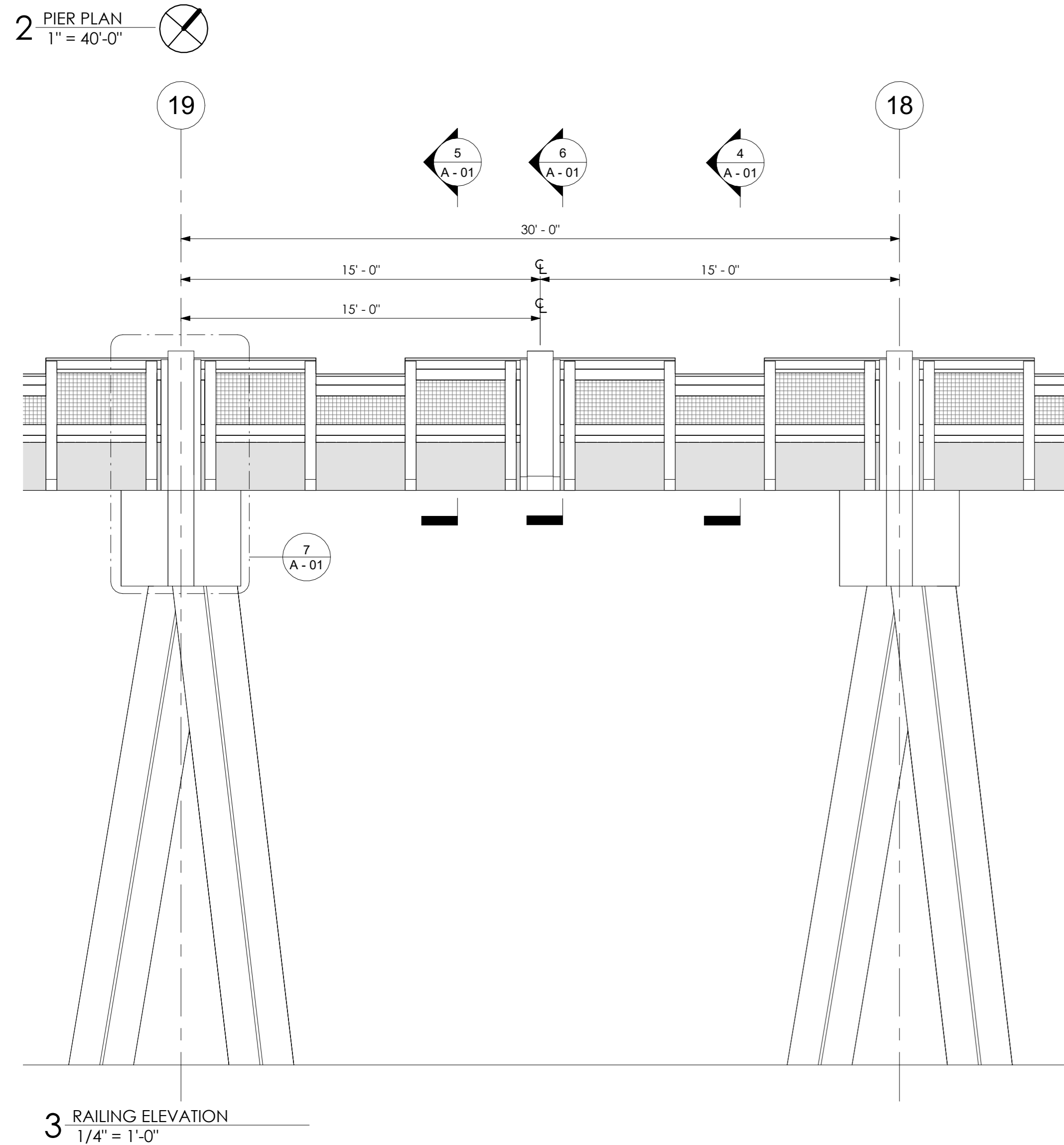
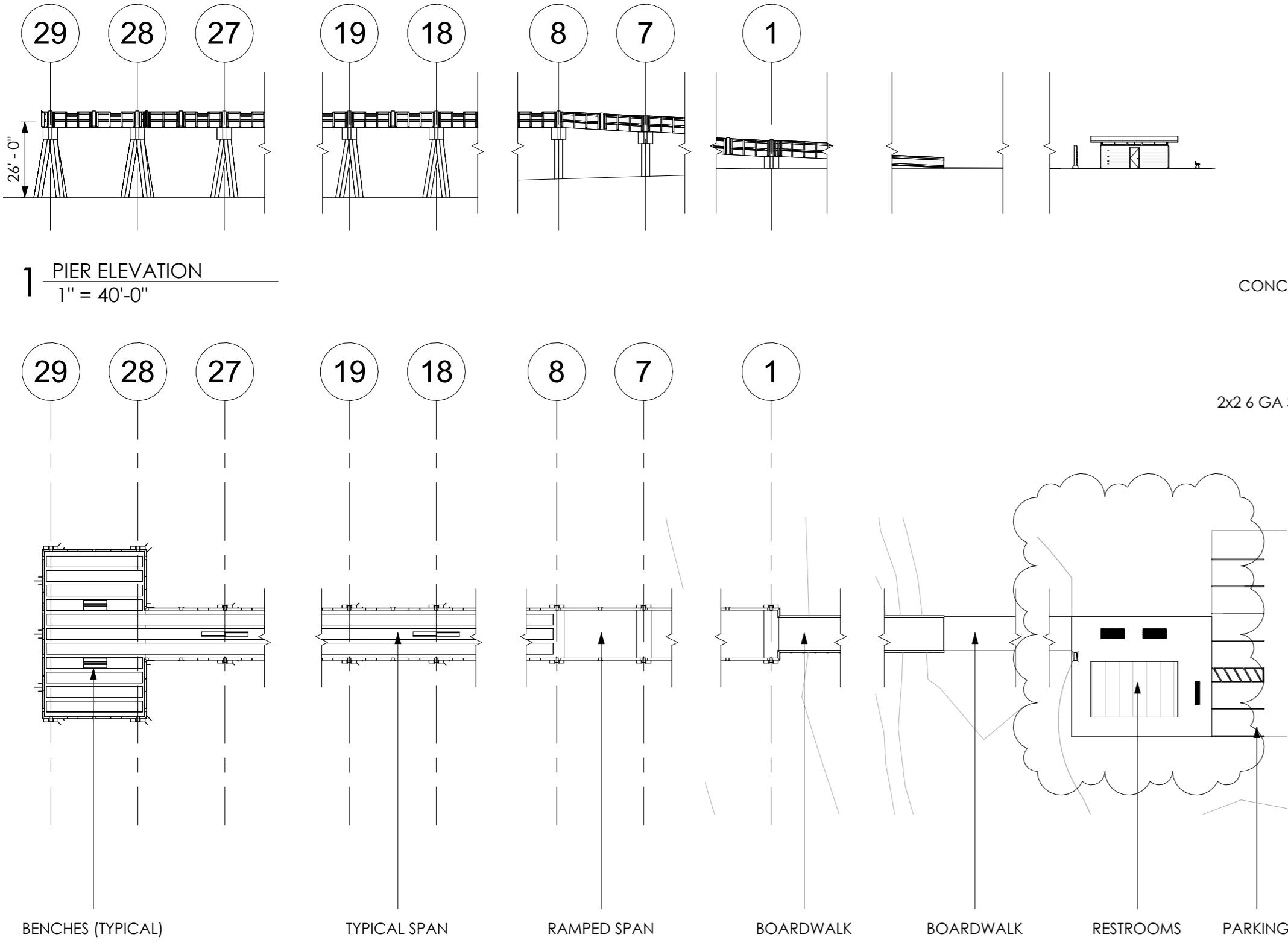
A2 24" SQUARE PILE SECTION  
SCALE: 1-1/2" = 1'-0" 0 3" 6" 1'



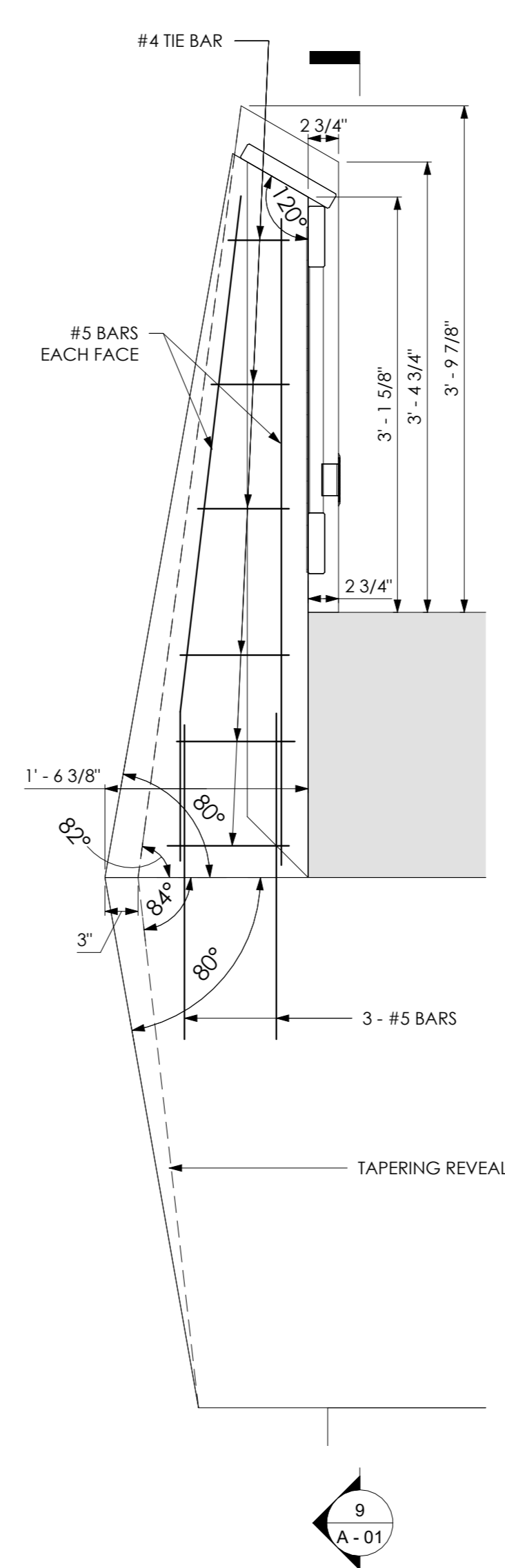
A4 BEAM SECTION  
SCALE: 3" = 1'-0" 0 2" 4" 8"



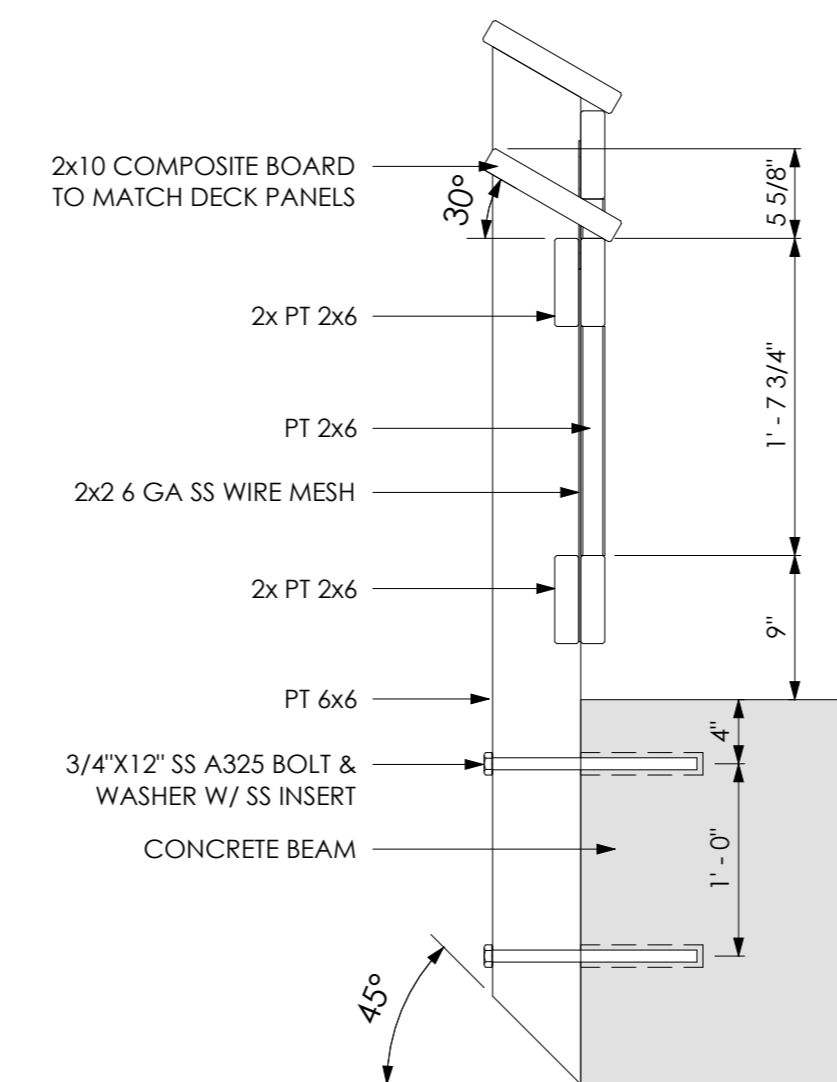
A1 BEAM ELEVATION  
SCALE: 1/4" = 1'-0" 0 1' 2' 4" 8"



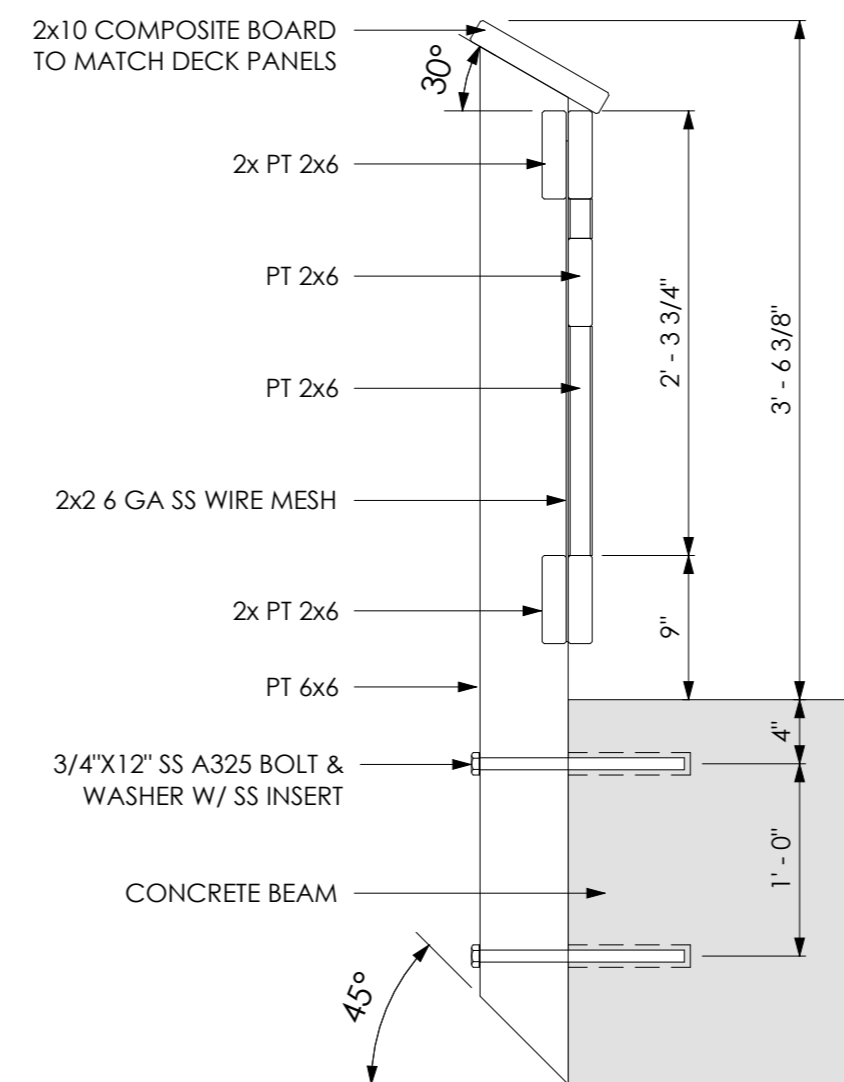
7 PILASTER ELEVATION  
1" = 1'-0"



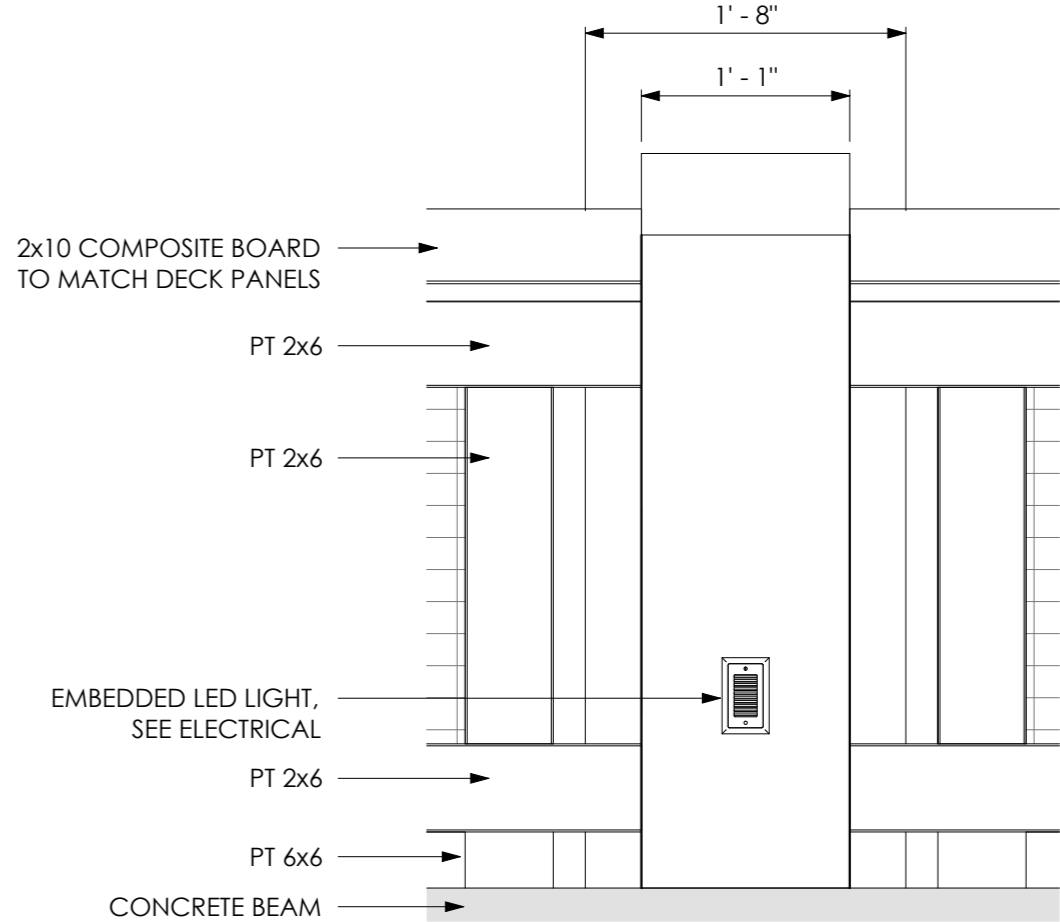
8 PILASTER SECTION AT BENT  
1" = 1'-0"



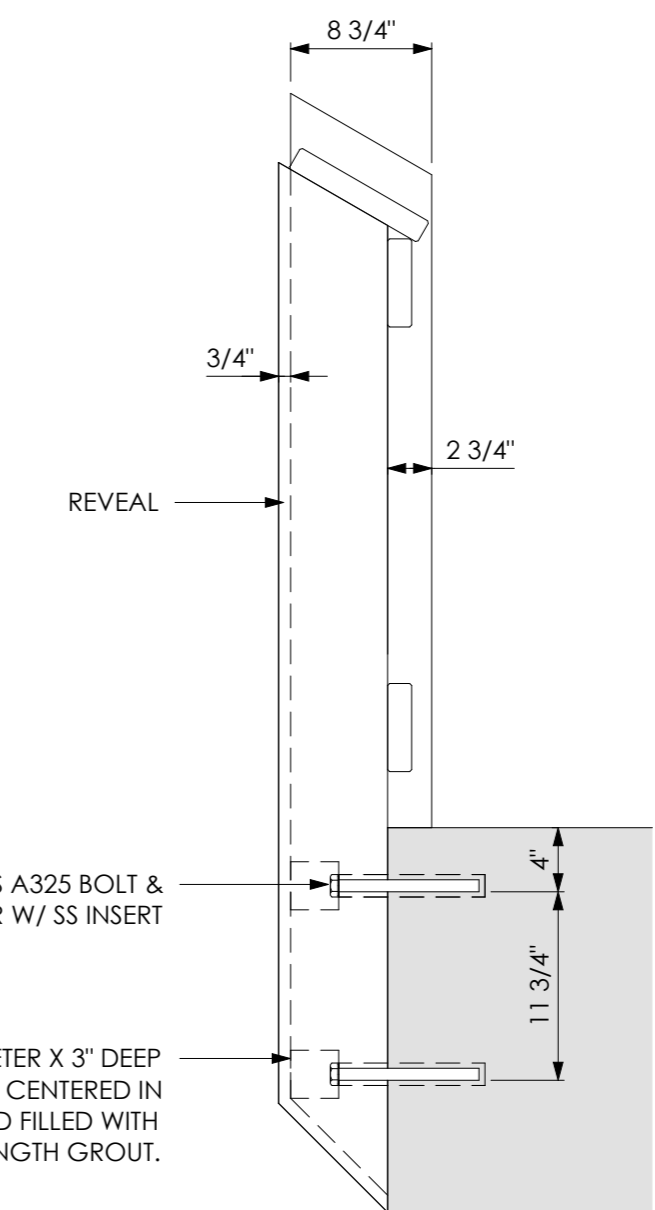
4 RAILING ADA  
1" = 1'-0"



5 RAILING TYPICAL  
1" = 1'-0"



9 PILASTER DECK ELEVATION (TYPICAL)  
1" = 1'-0"



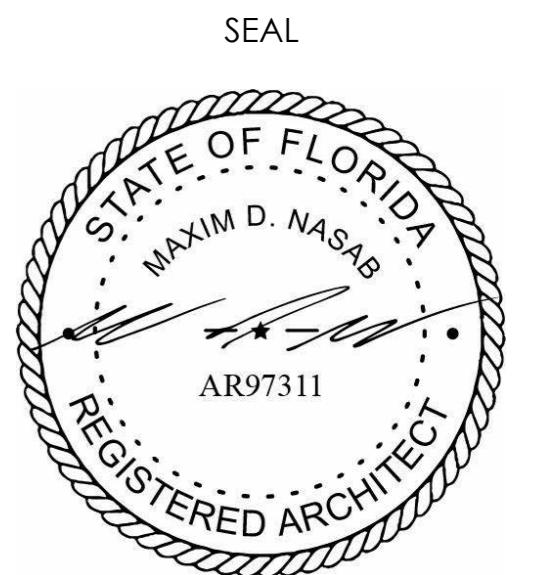
6 PILASTER SECTION AT MIDSPAN  
1" = 1'-0"



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SUB-CONSULTANT

PROJECT FOR:  
CITY OF MEXICO BEACH



Revisions		
No.	Description	Date
1	Revision 1	07.07.2025

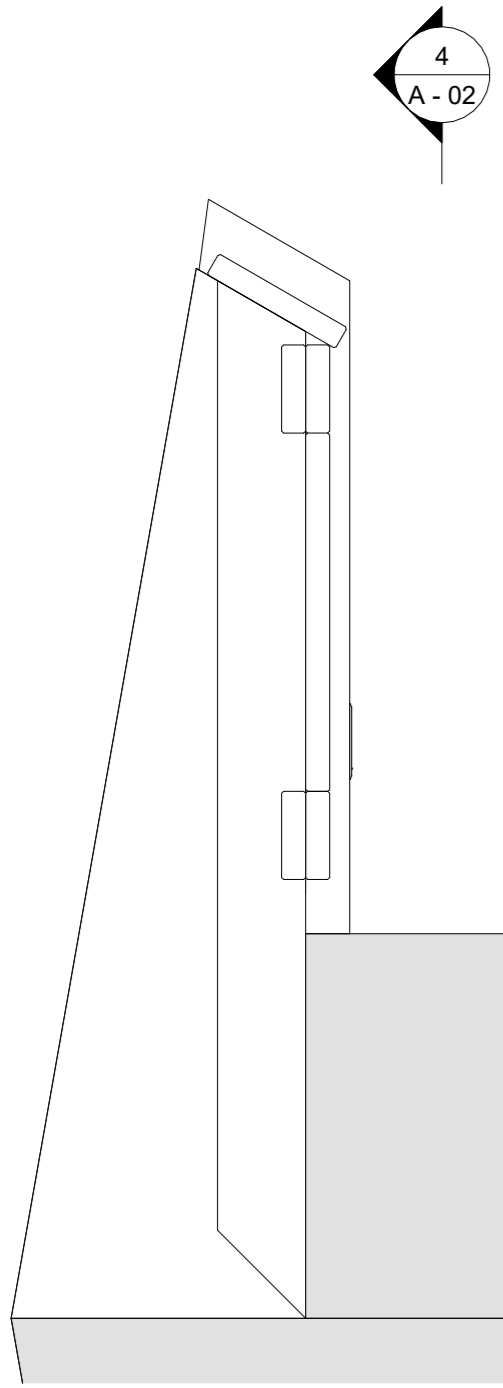
MEXICO BEACH PIER

MEXICO BEACH, FLORIDA

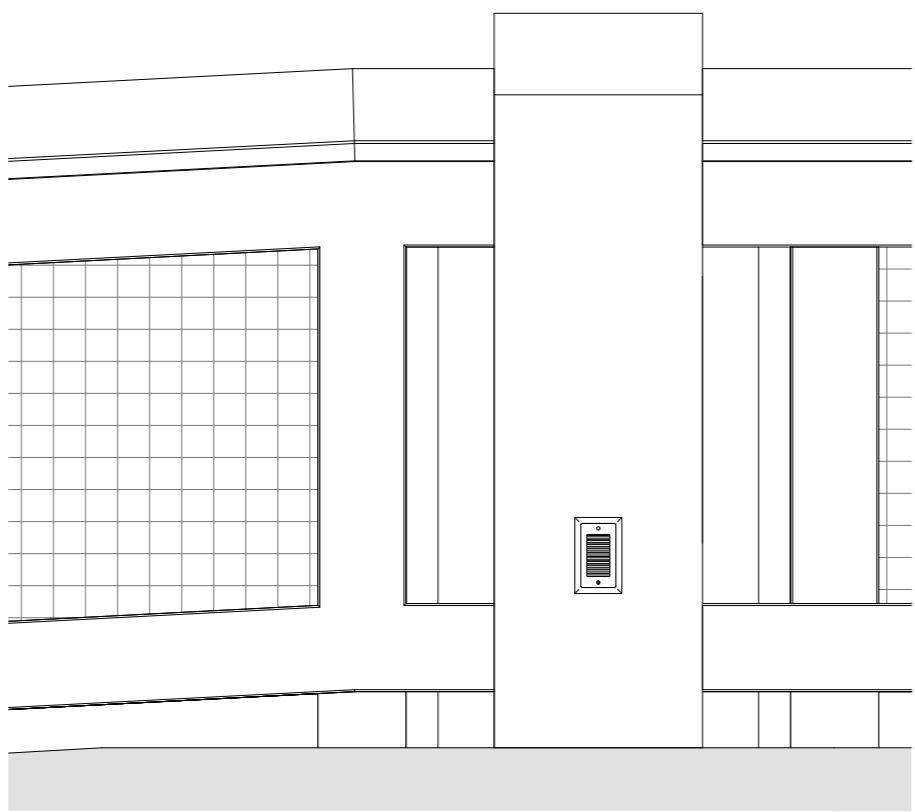
RAILINGS 1 of 3

Project Number	MBP20
Date	05.18.2025
Drawn by	MDN
Designed by	MDN

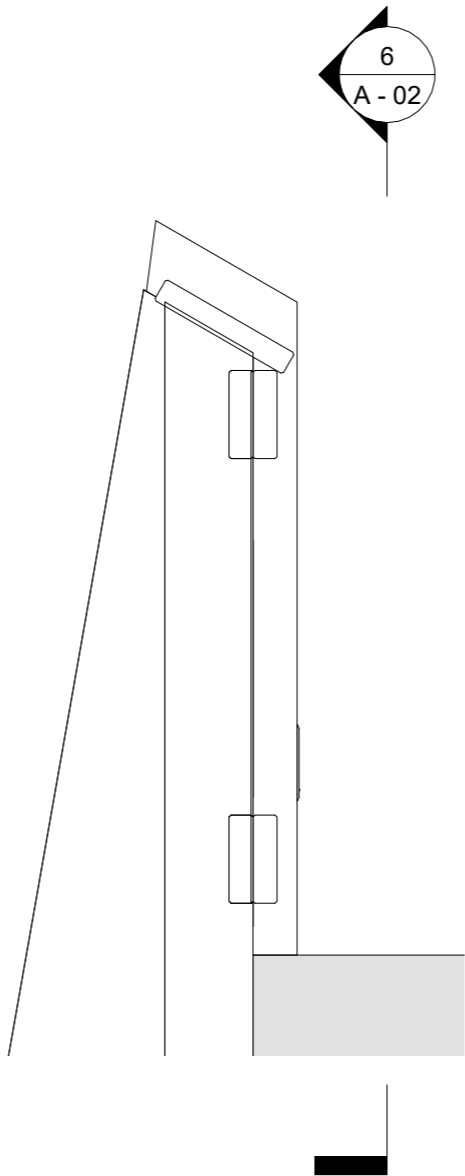
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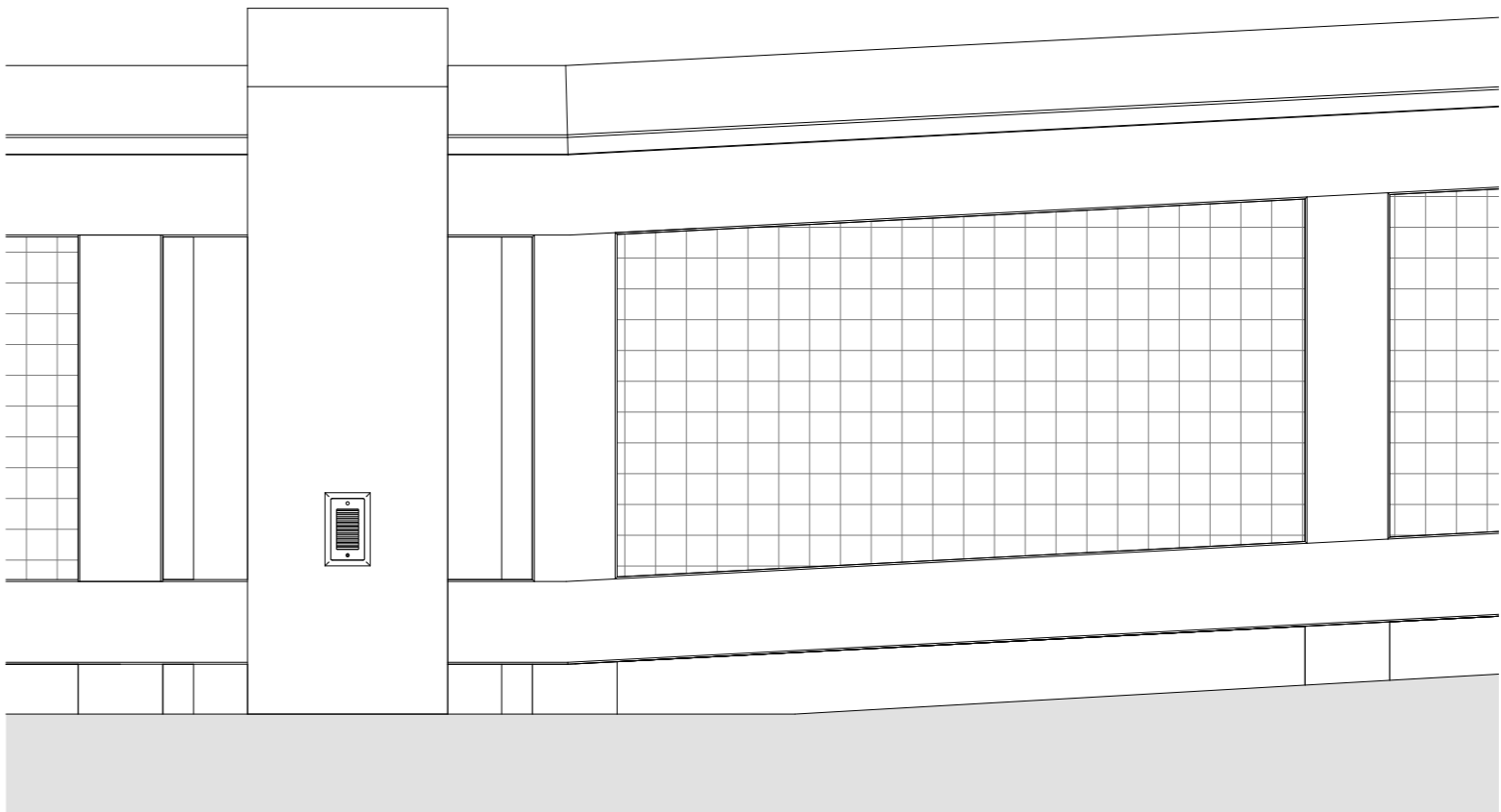
3 PILASTER @ PIER RAMP  
1" = 1'-0"



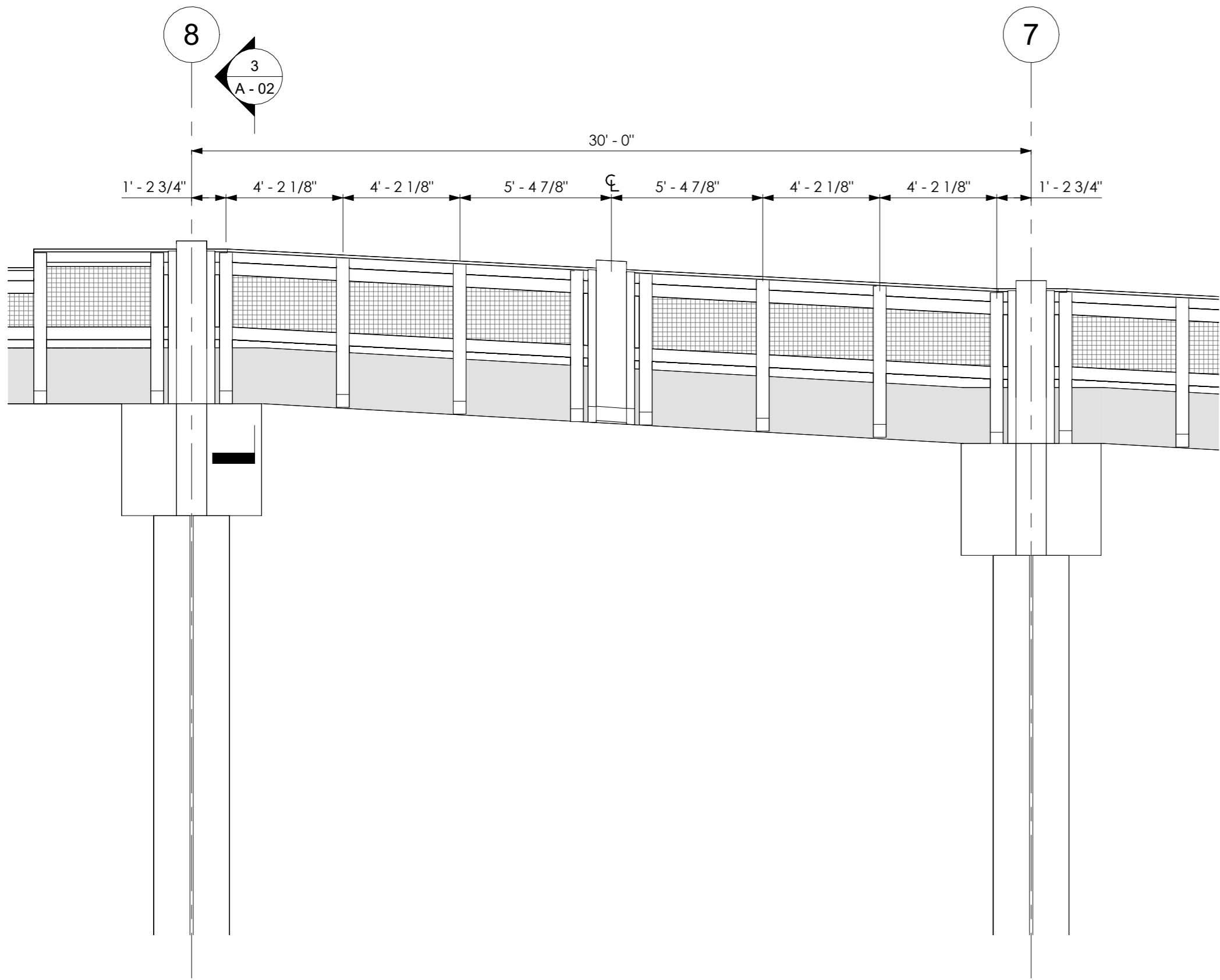
4 PILASTER ELEVATION @ PIER RAMP  
1" = 1'-0"



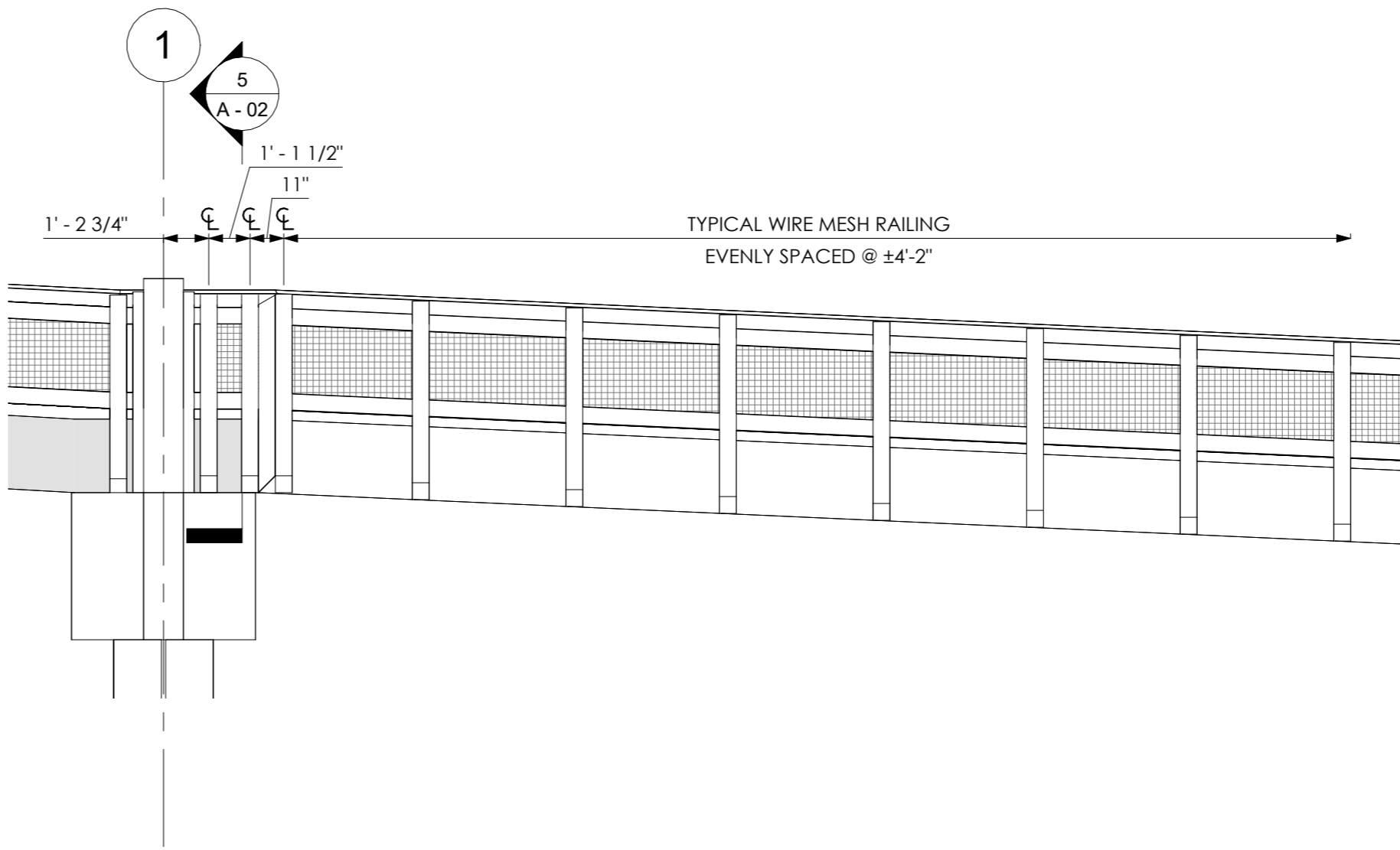
5 PILASTER @ APPROACH RAMP  
1" = 1'-0"



6 PILASTER ELEVATION @ APPROACH RAMP  
1" = 1'-0"



1 RAILING ELEVATION @ PIER RAMP  
1/4" = 1'-0"



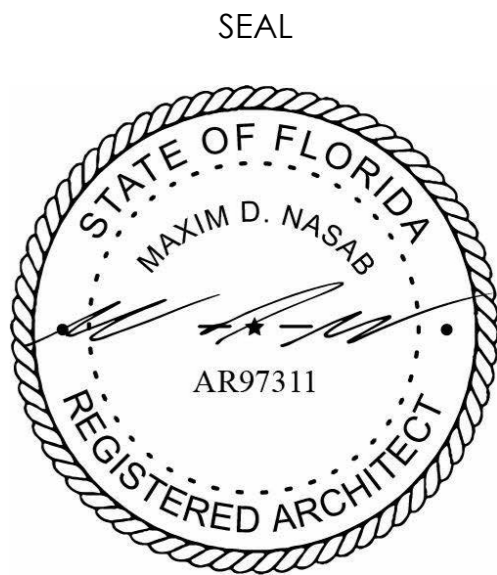
2 RAILING ELEVATION @ APPROACH RAMP  
1/4" = 1'-0"



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PROJECT FOR:  
CITY OF MEXICO BEACH



Revisions		
No.	Description	Date

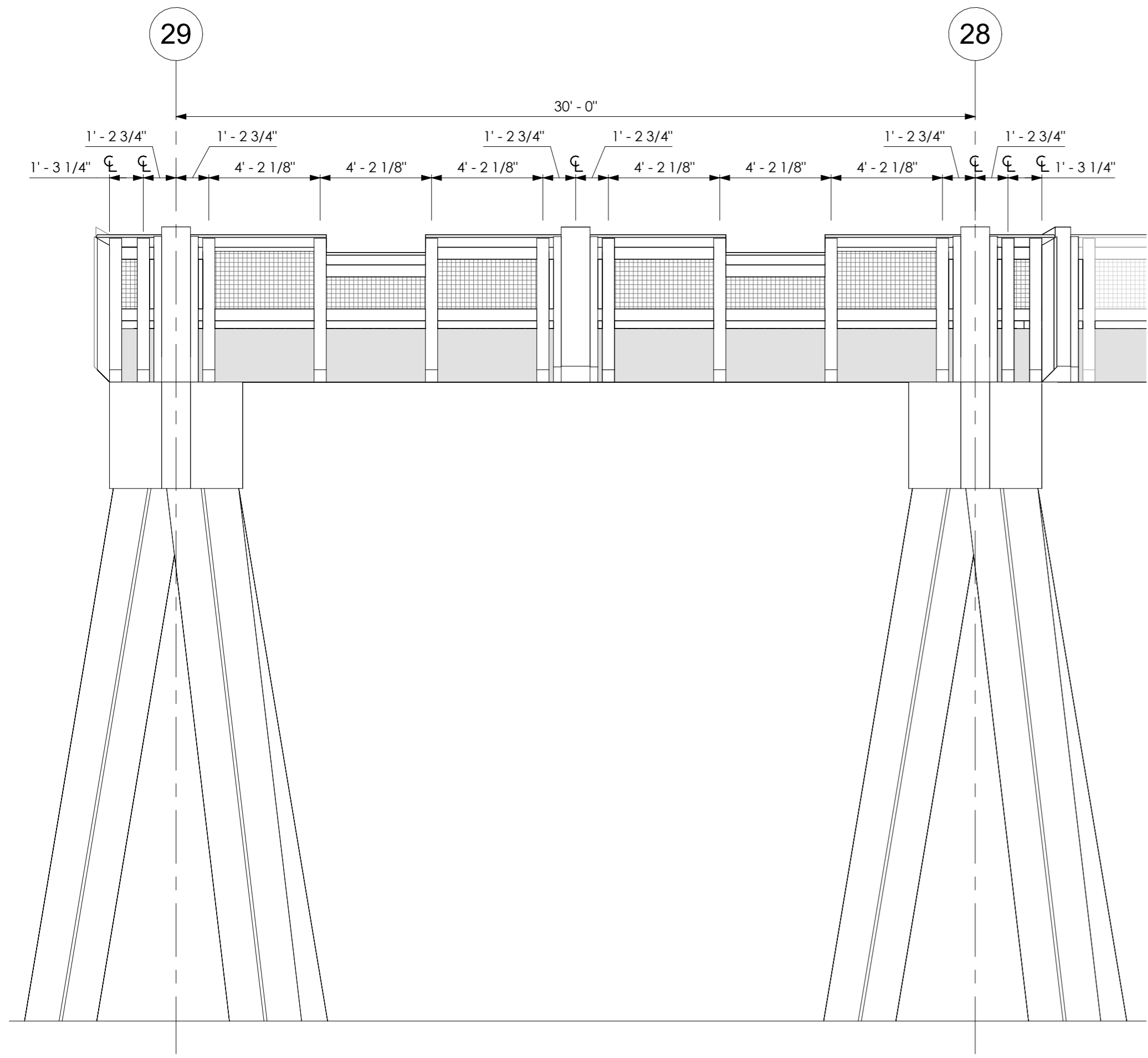
MEXICO BEACH PIER

MEXICO BEACH, FLORIDA

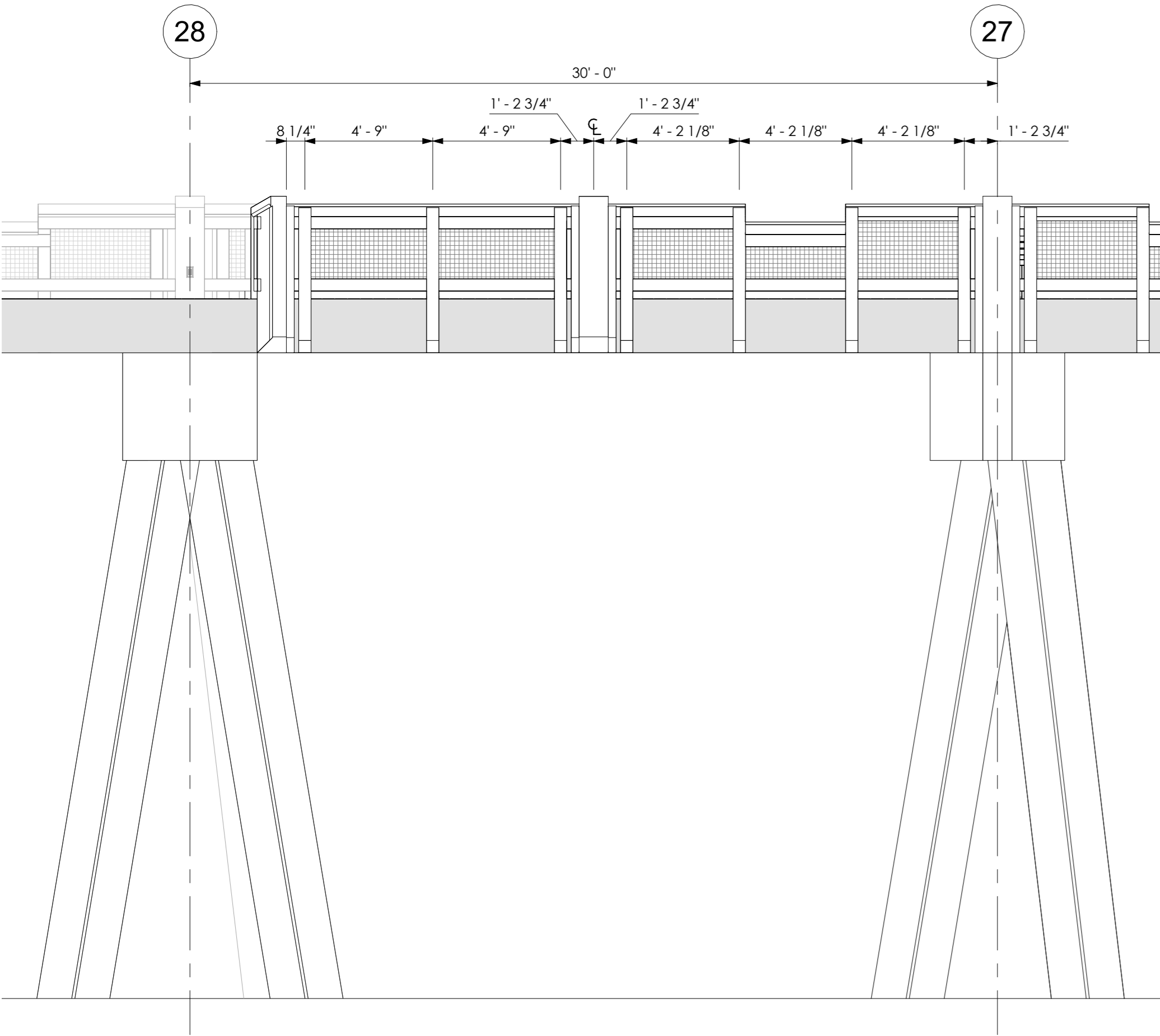
RAILINGS 2 of 3

Project Number	MBP20
Date	05.18.2025
Drawn by	MDN
Designed by	MDN

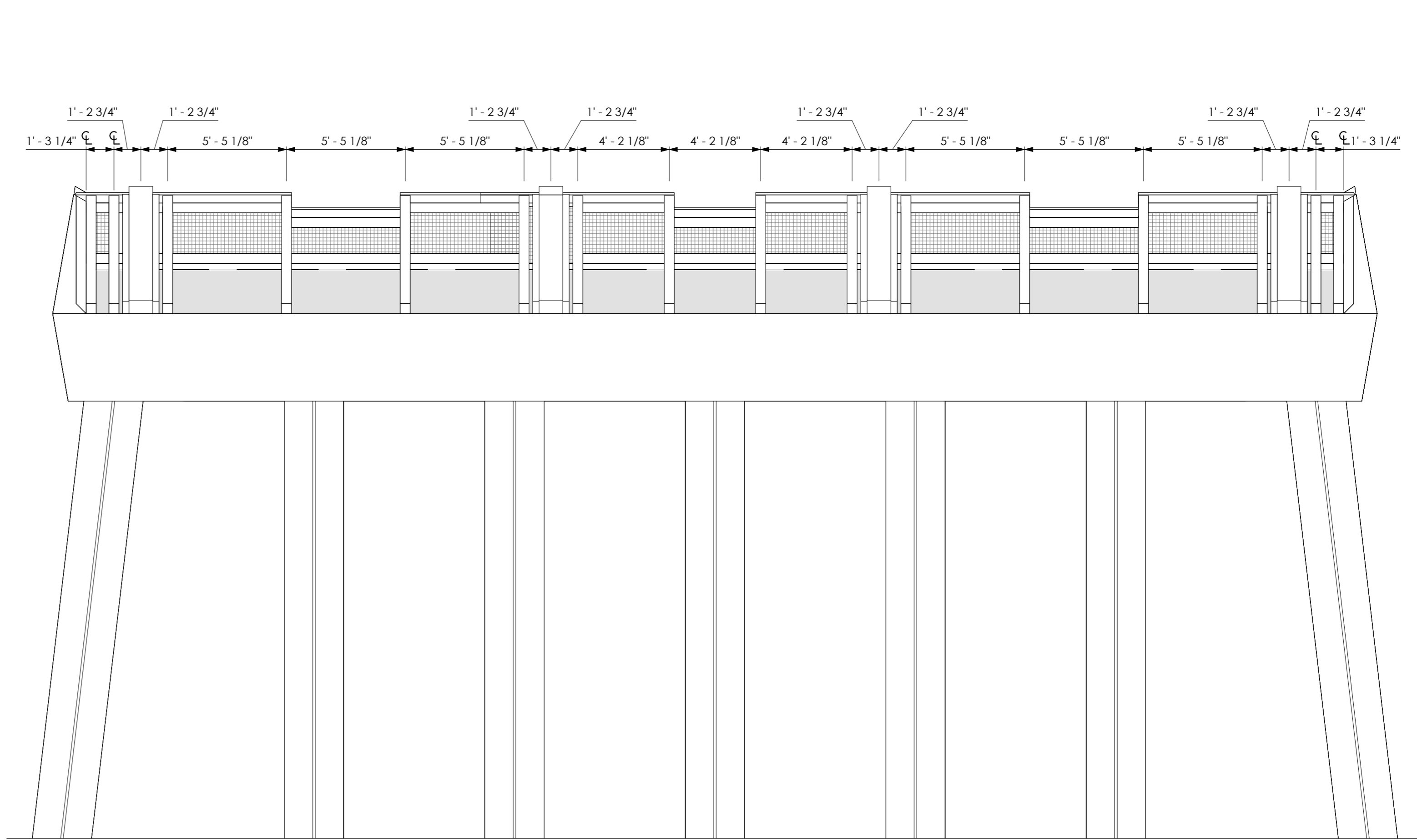
A - 02



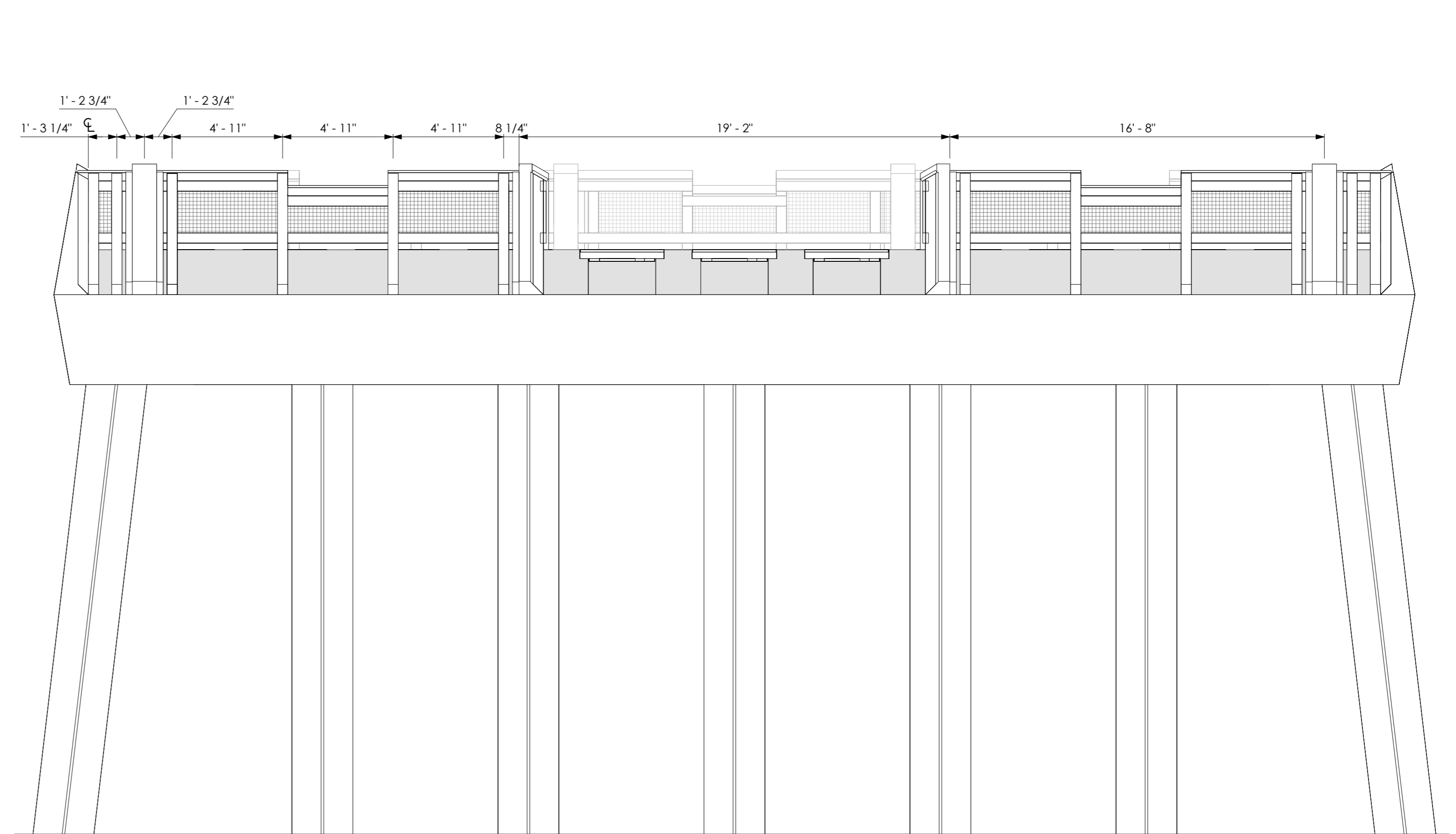
3 ELEVATION @ TEE TRANSITION BACK  
1/4" = 1'-0"



1 ELEVATION @ TEE TRANSITION SIDE  
1/4" = 1'-0"



4 FRONT ELEVATION @ TEE  
1/4" = 1'-0"



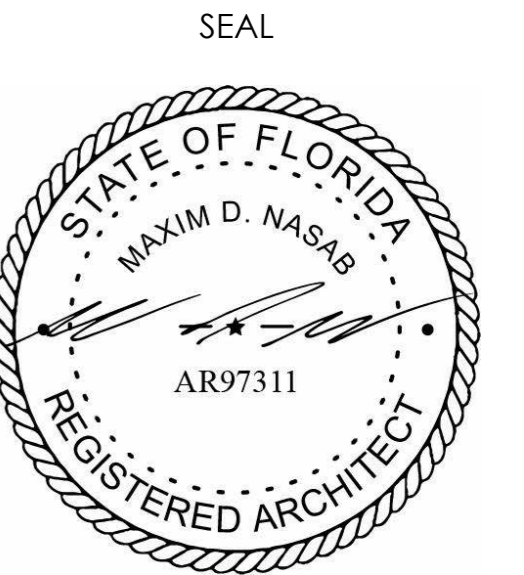
2 BACK ELEVATION @ TEE  
1/4" = 1'-0"



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PROJECT FOR:  
CITY OF MEXICO BEACH



Revisions		
No.	Description	Date

MEXICO BEACH PIER

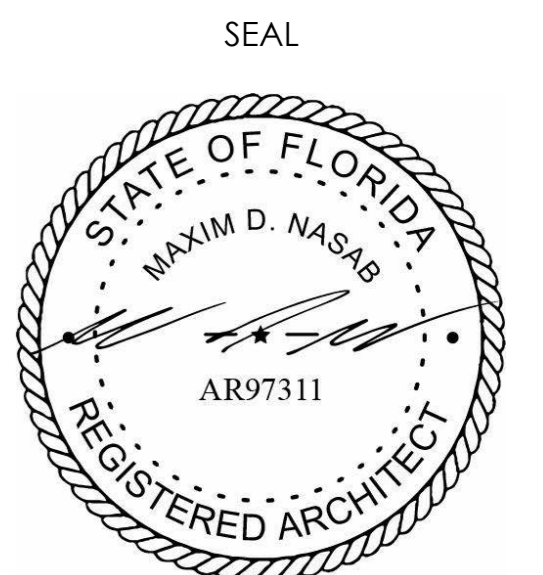
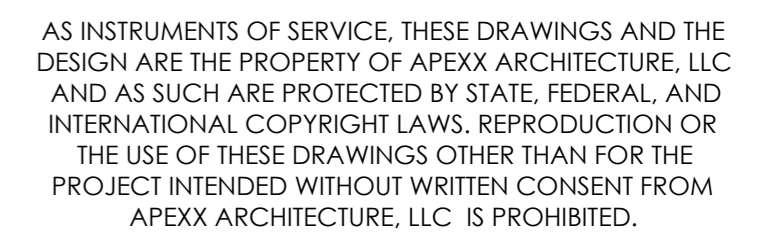
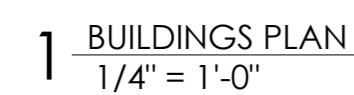
MEXICO BEACH, FLORIDA

RAILINGS 3 of 3

Project Number	MBP20
Date	05.18.2025
Drawn by	MDN
Designed by	MDN

A - 03

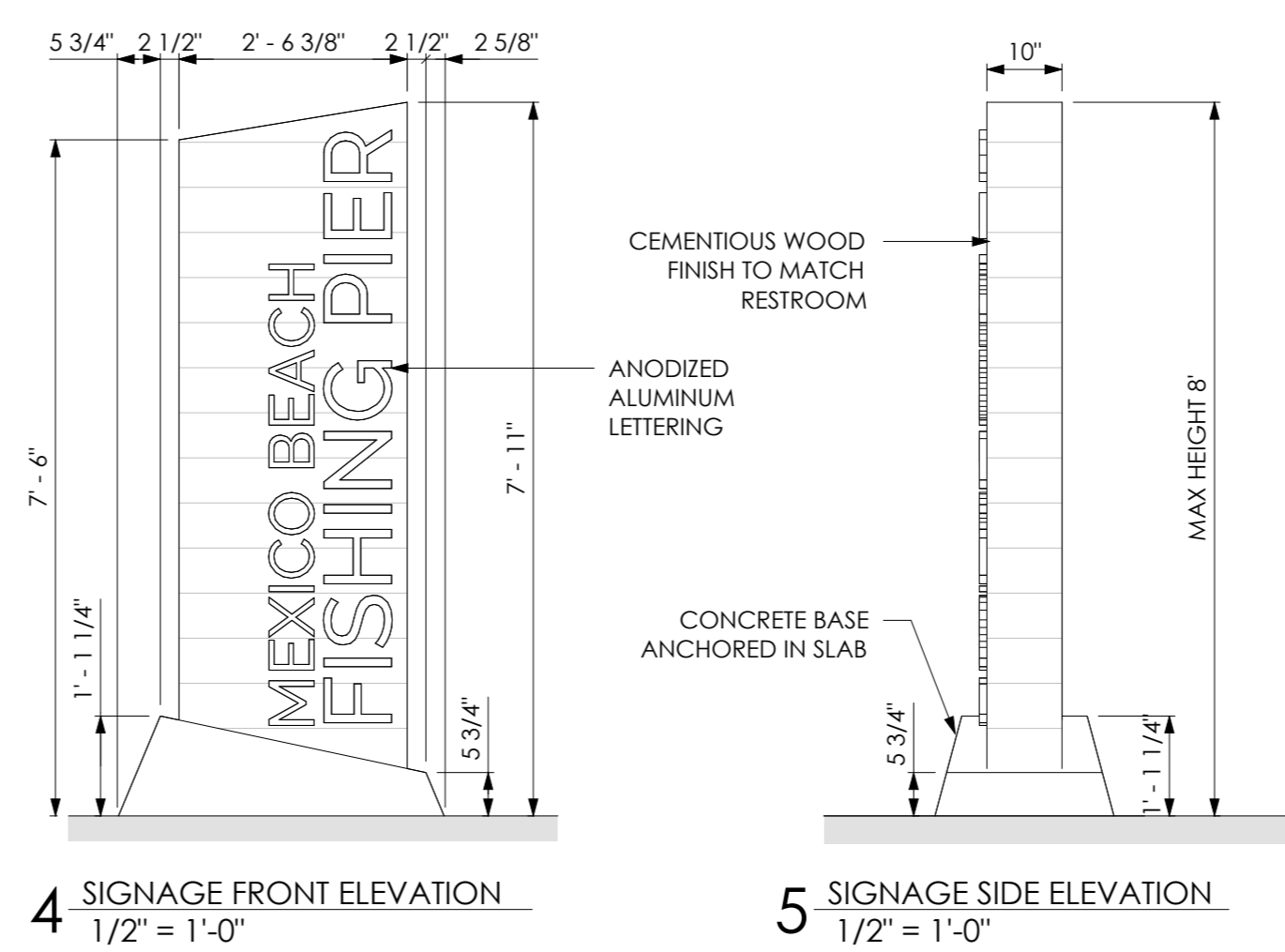
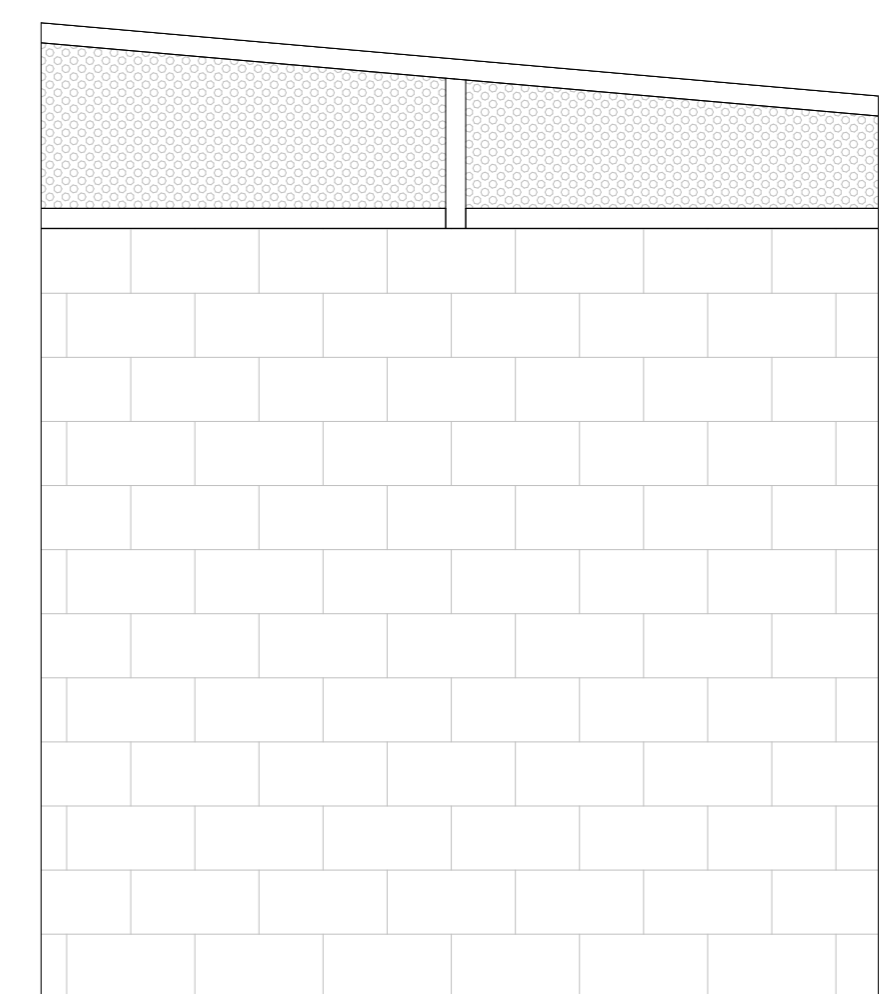
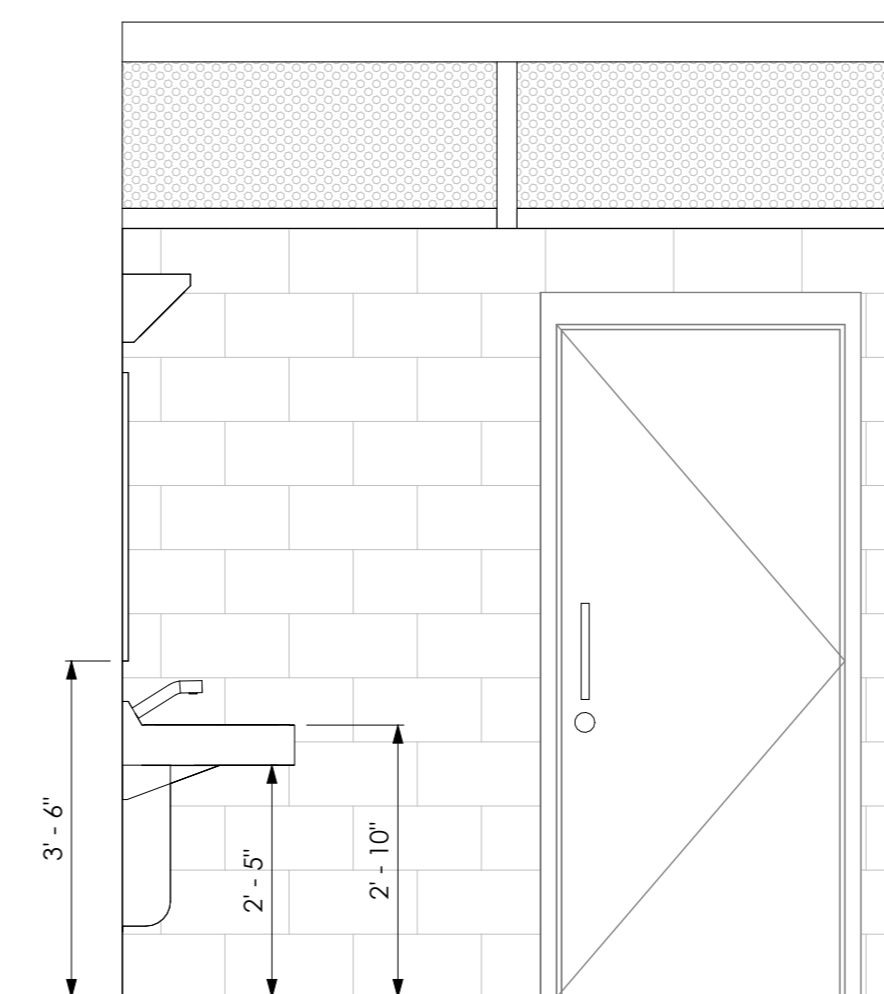
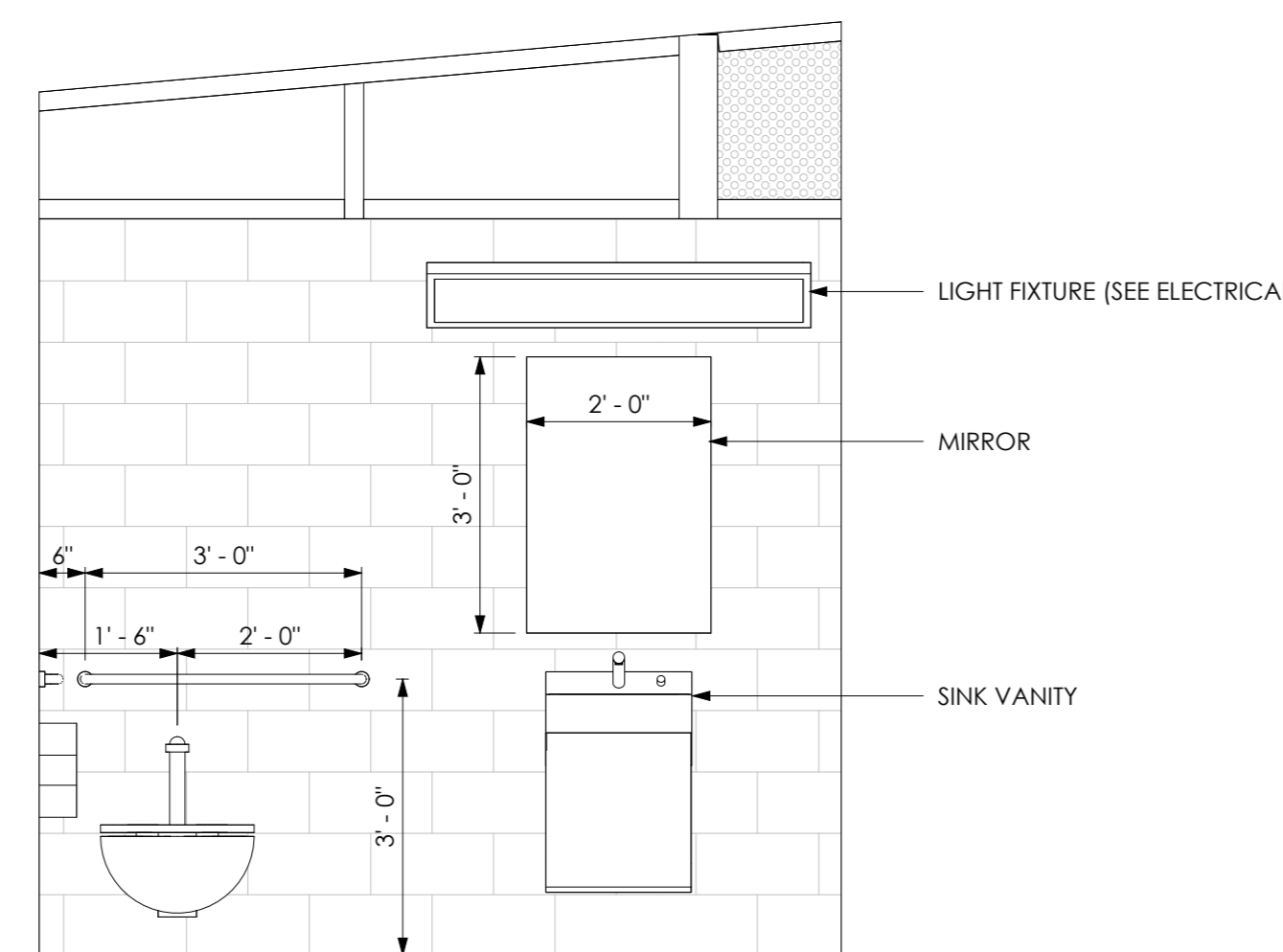
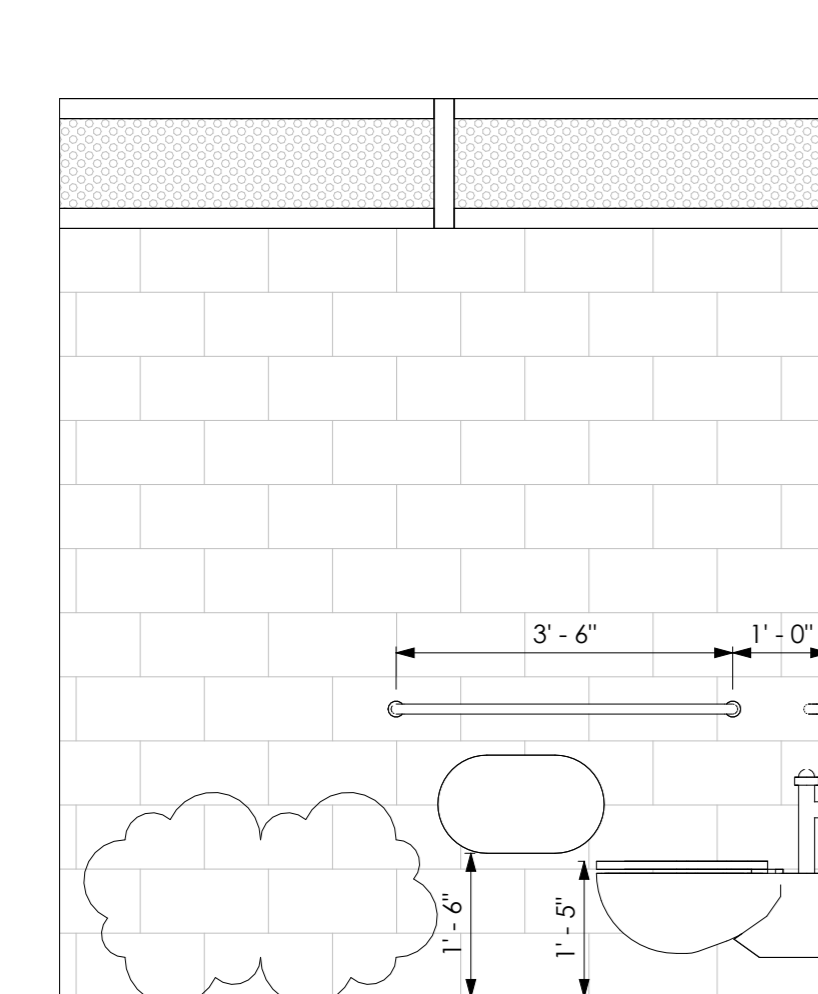
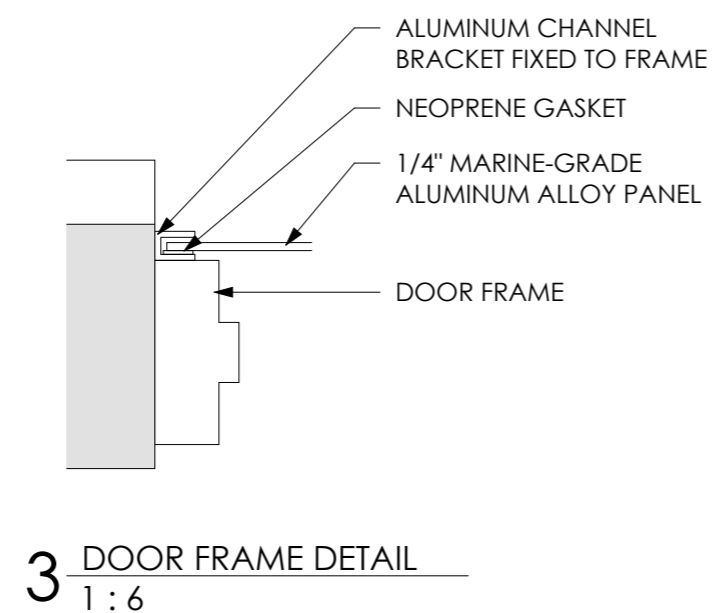
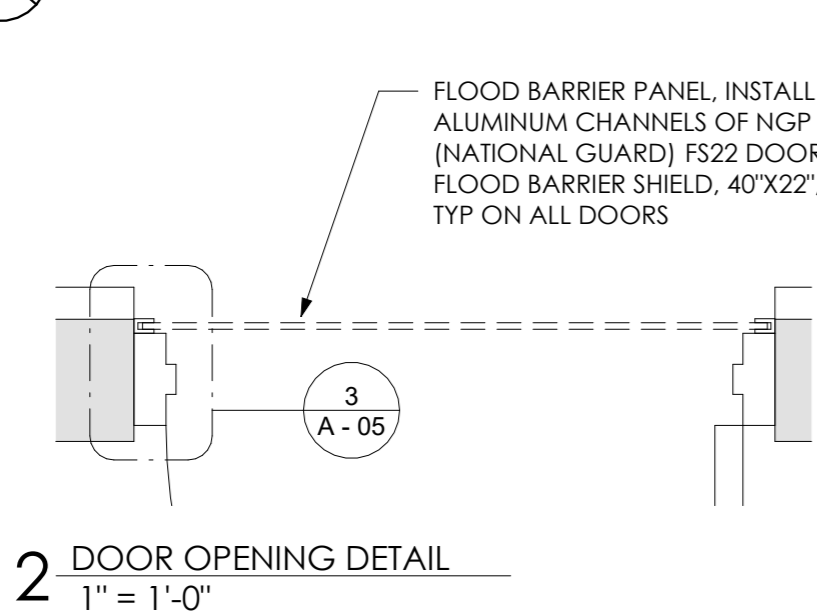
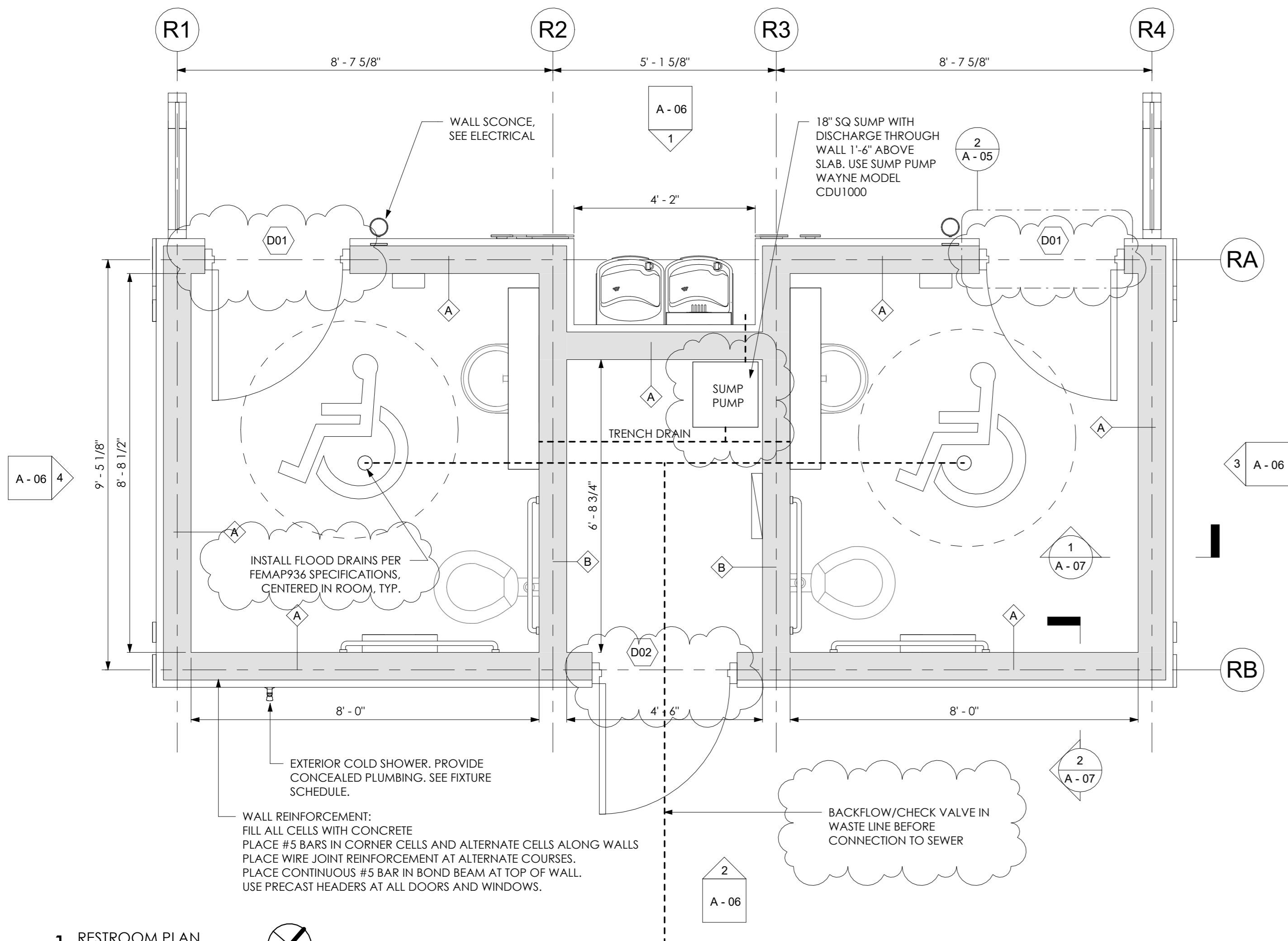
7/17/2025 2:34:08 PM



Revisions		
No.	Description	Date
1	Revision 1	07.07.2025

Project Number	MBP20
Date	05.18.2025
Drawn by	MDN
Designed by	MDN

A - 04



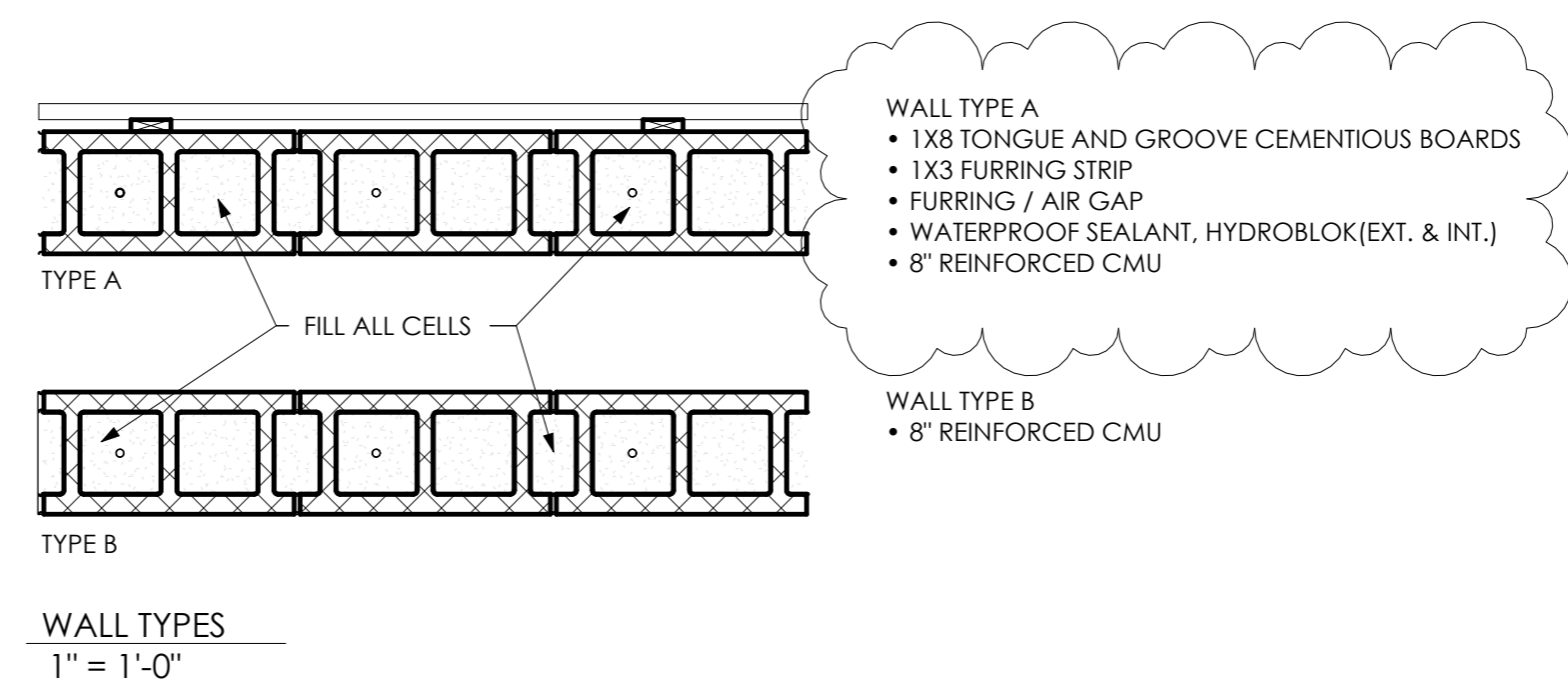
- NOTES
1. PROVIDE CUT SHEETS AND PRODUCT DATA FOR ALL FIXTURES, FLOOD VENTS, AND EXTERIOR FINISHES FOR APPROVAL.
  2. FIXTURE MUST BE COMMERCIAL GRADE, PROVIDE WARRANTIES, AND MEET ALL APPLICABLE CODES PER ADA, UL, AND LOCAL BUILDING CODES.
  3. PROVIDE SHOP DRAWINGS FOR SIGNAGE, MUST BE SIGNED AND SEALED BY A QUALIFIED FLORIDA ENGINEER AND RESIST WIND LOADS.
  4. RESTROOM FLOORS MUST SLOPE TOWARDS DRAIN, WITH A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 4%.
  5. ALL EXTERIOR CMU WALLS MUST HAVE WATERPROOF SEALANT SYSTEM, SIMILAR TO "HYDROBLOK", APPLIED TO A MINIMUM HEIGHT OF 1.5' ABOVE THE SLAB. SEALANT PRIMER MAY BE REQUIRED DEPENDING ON MANUFACTURER. THE CMU MUST BE CLEAN AND FREE OF ALL PAINT, COATINGS, SEALERS, MOLD OR ALGAE BEFORE APPLICATION.
  6. DOORS MUST INCORPORATE A REMOVABLE FLOOD BARRIER PANEL THAT MEETS ANSI 2510. BRACKETS MUST BE PERMANENTLY ATTACHED TO FRAME FOR QUICK DEPLOYMENT, SEE DETAIL. PANELS MUST GO UP TO AT LEAST 1.5' ABOVE SLAB.
- EMERGENCY PROCEDURES:  
IN THE EVENT OF A POSSIBLE FLOOD EVENT DETERMINED BY WARNING BY THE NATIONAL WEATHER SERVICE, THE OWNER SHALL:  
1. TURN OFF ALL UTILITIES TO THE STRUCTURE.  
2. INSTALL FLOOD SHIELDS SPECIFIED ON THE PLANS AT ALL DOORS.  
3. LOCK ALL EXTERIOR DOORS  
4. ALL FLOOD SHIELDS, SEALS, GASKETS, & NECESSARY HARDWARE SHALL BE INSPECTED ANNUALLY.

FIXTURE SCHEDULE				
Mark	Type	Material	Count	Comments
DF	ADA DRINKING FOUNTAIN	STAINLESS STEEL	2	DOUBLE FIXTURE WITH BOTTLE FILL UP STATION
<varies>	FIXED SHOWER HEAD	STAINLESS STEEL	4	3.5 in WALL MOUNTED & VANDAL RESISTANT WITH SELF CLOSING VALVE
S	SINK VANITY	STAINLESS STEEL	2	COMMERCIAL GRADE
WC	TOILET WALL HUNG	STAINLESS STEEL	2	COMMERCIAL GRADE

\*ALL EXPOSED PLUMBING IS TO BE PROTECTED FROM SCOLDING PER ADA.

DOOR SCHEDULE											
Mark	Clear Width	Height	TH	Frame Material	Construction Type	Color	Lock Type	Door Closer	Door Hardware Material/Finish	Count	Comments
D01	3' - 0"	7' - 0"	1 3/4"	FIBERGLASS	FIBERGLASS	BLACK	LATCH W/ OCCUPANT	Yes	STAINLESS STEEL/BRUSHED	2	Pull/Push Style Door Hardware
D02	3' - 0"	7' - 0"	1 3/4"	FIBERGLASS	FIBERGLASS	BLACK	DEAD BOLT	Yes	STAINLESS STEEL/BRUSHED	1	Commercial Grade Lever Style Door Hardware
Grand total: 3											

Grand total: 3



# APEX

ARCHITECTURE

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SUB-CONSULTANT

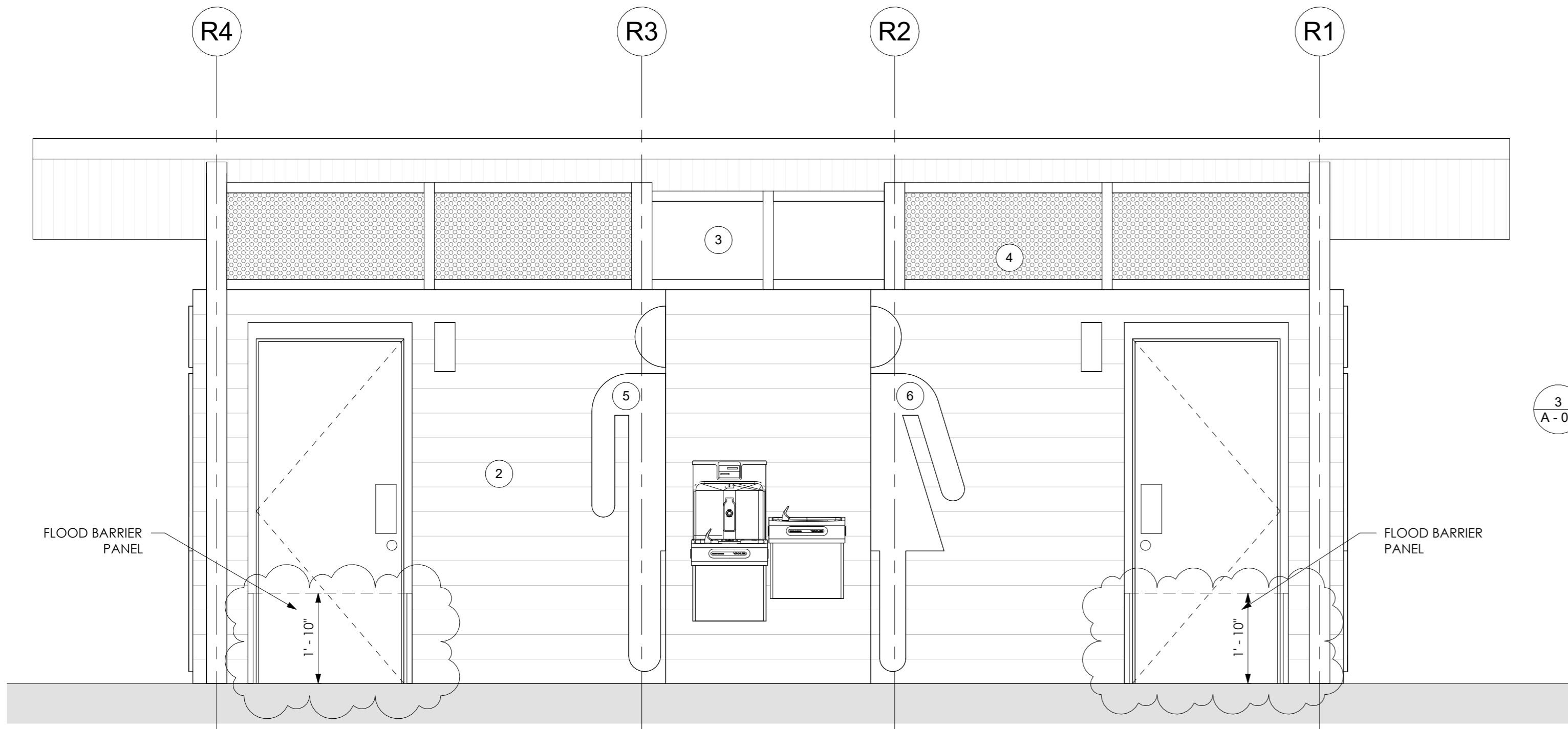
PROJECT FOR:  
CITY OF MEXICO BEACH

SEAL

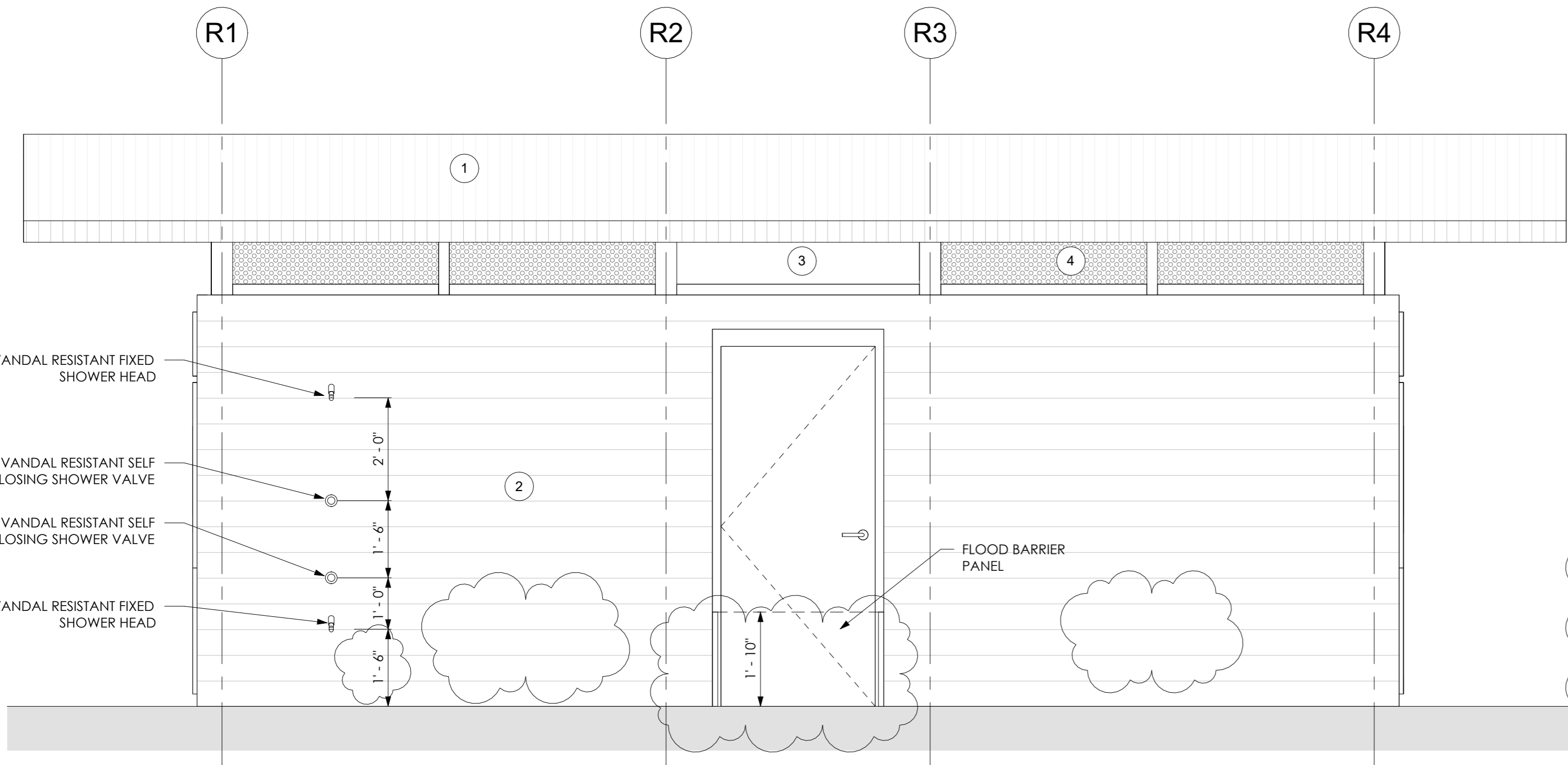
Revisions		
No.	Description	Date
1	Revision 1	07.07.2025

MEXICO BEACH PIER	
MEXICO BEACH, FLORIDA	
RESTROOMS 2 of 4	
Project Number	MBP20
Date	05.18.2025
Drawn by	MN
Designed by	MDN

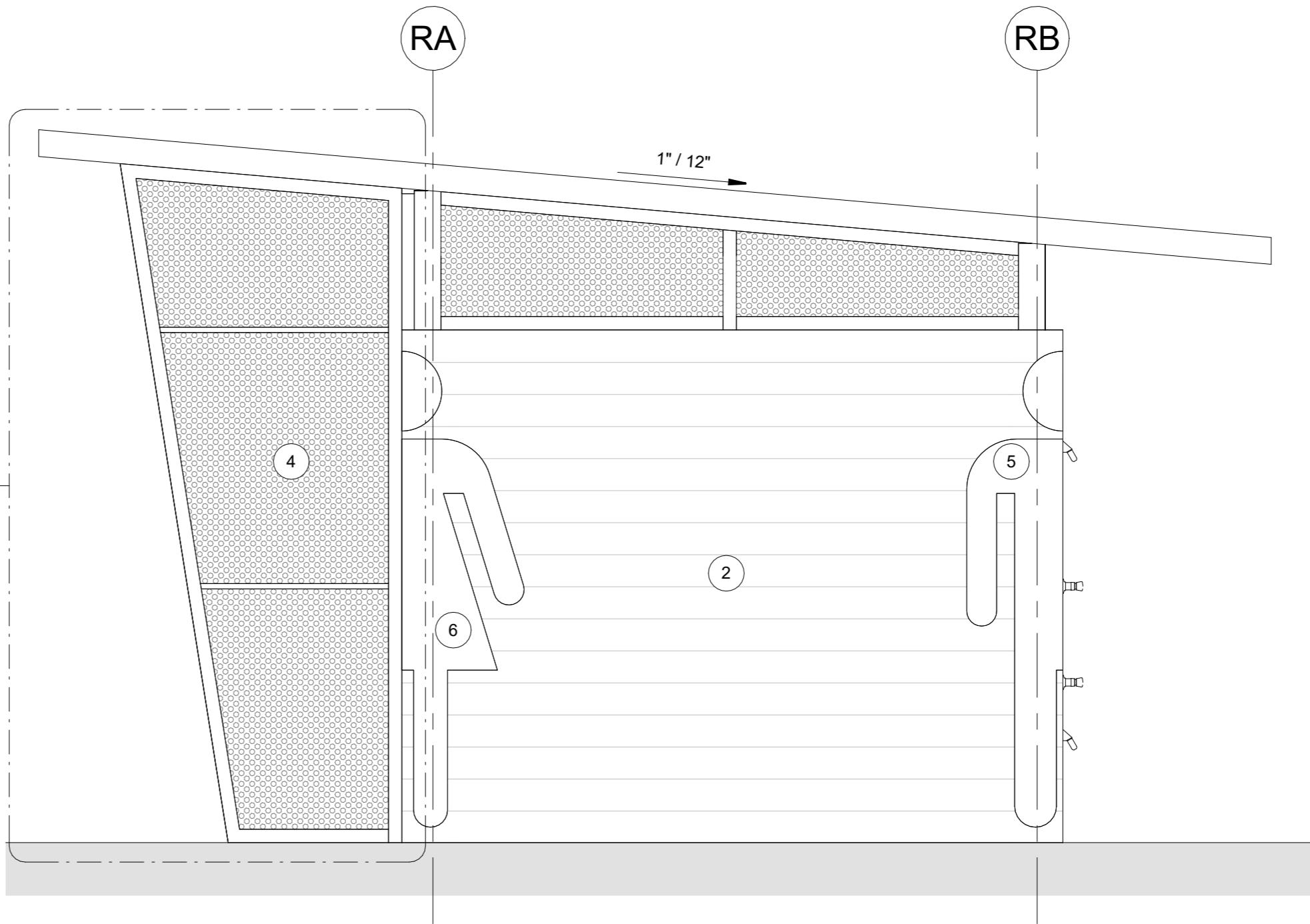
A - 05



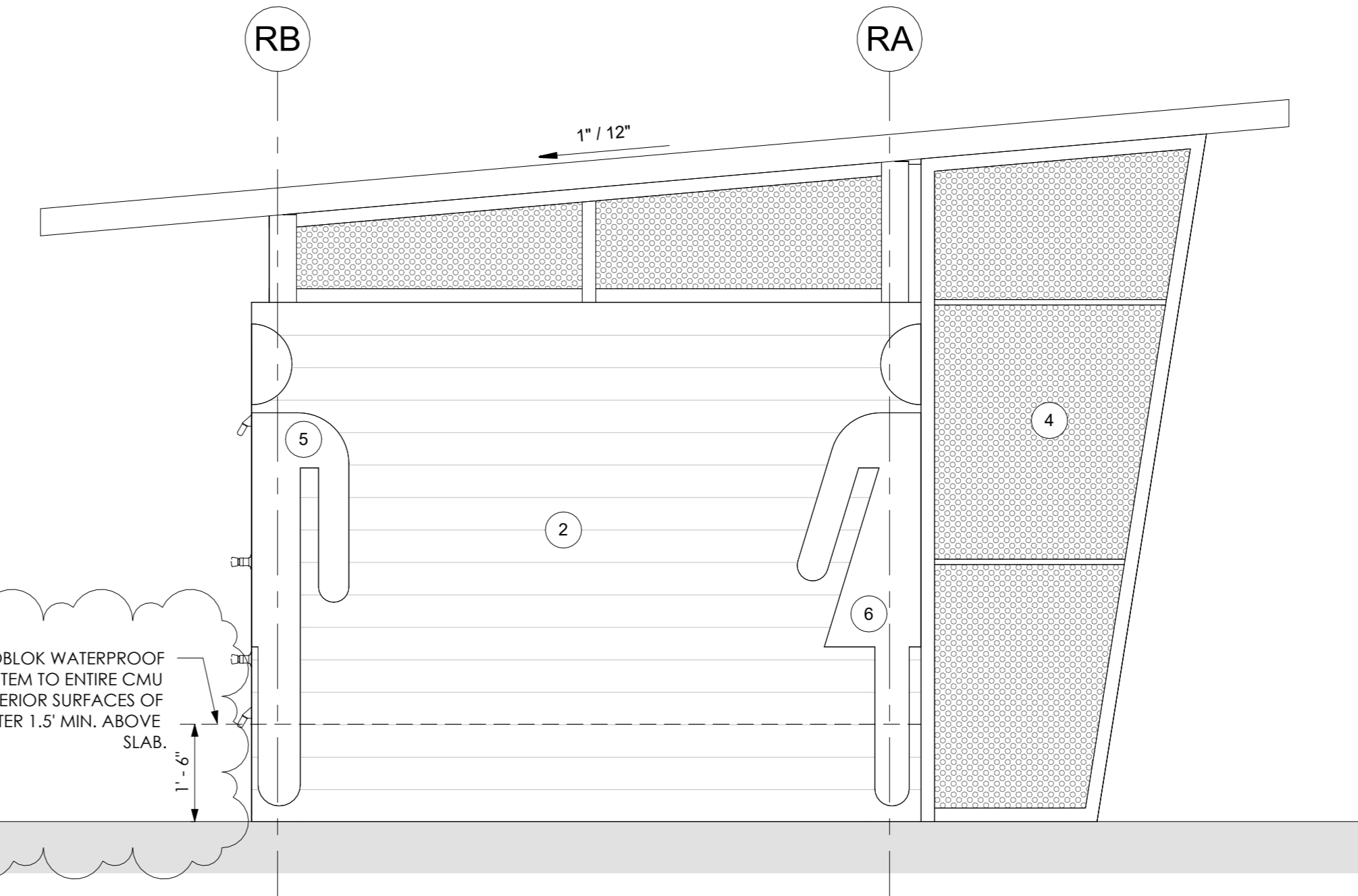
1 - RESTROOM ELEVATION - BACK  
1/2" = 1'-0"



2 - RESTROOM ELEVATION - FRONT  
1/2" = 1'-0"



4 - RESTROOM ELEVATION - SIDE 2  
1/2" = 1'-0"



3 - RESTROOM ELEVATION - SIDE 1  
1/2" = 1'-0"

- NOTES
1. CORRUGATED METAL ROOF
  2. 1X8 TONGUE AND GROOVE CEMENTIOUS BOARDS PANELING
  3. SOLID ANODIZED ALUMINUM PANEL
  4. PERFORATED ANODIZED ALUMINUM PANEL
  5. ANODIZED ALUMINUM RESTROOM SIGNAGE (MALE), SEE DETAILS
  6. ANODIZED ALUMINUM RESTROOM SIGNAGE (FEMALE), SEE DETAILS



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SUB-CONSULTANT

PROJECT FOR:  
CITY OF MEXICO BEACH



Revisions		
No.	Description	Date
1	Revision 1	07.07.2025

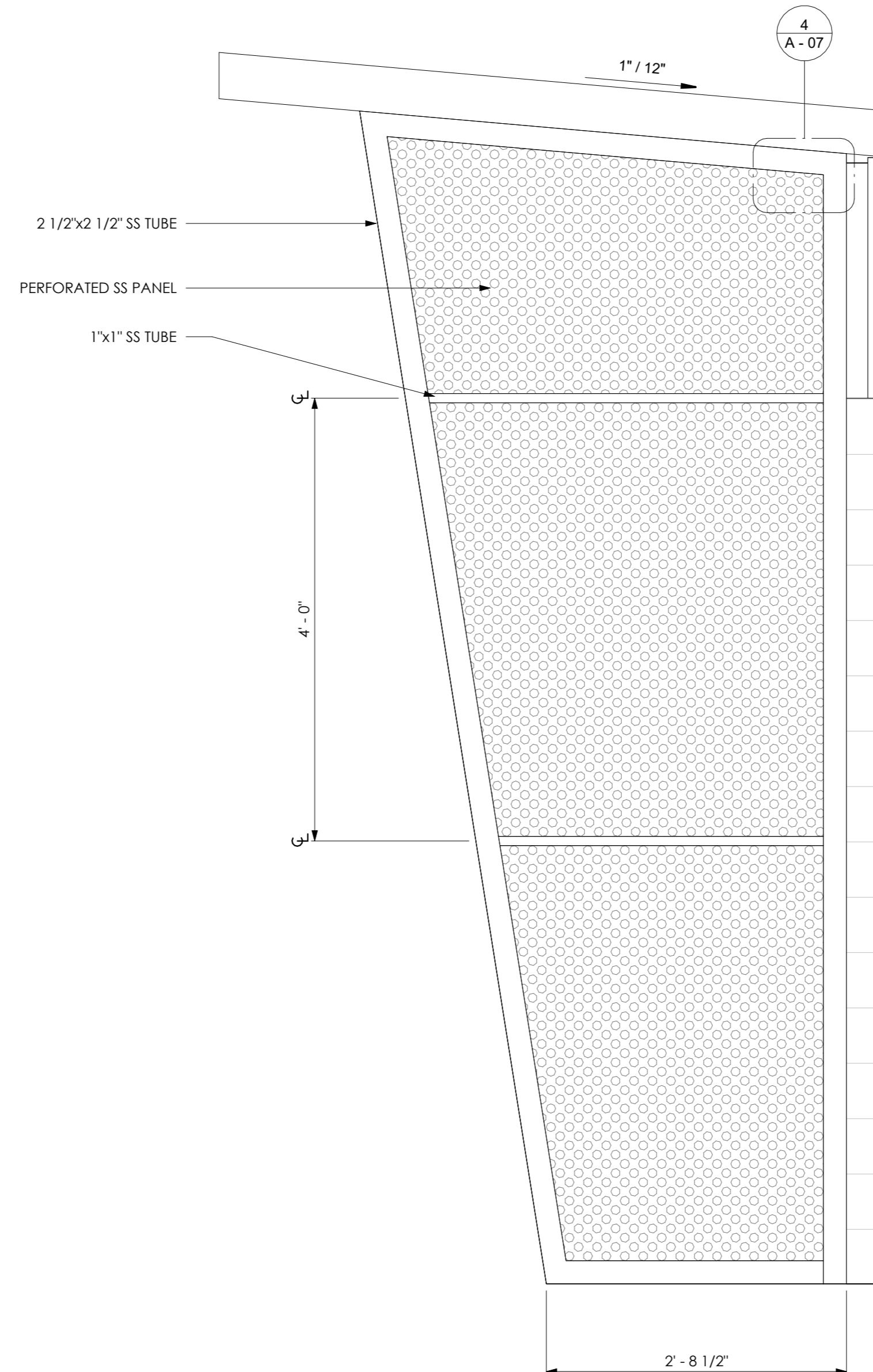
MEXICO BEACH PIER

MEXICO BEACH, FLORIDA

RESTROOMS 3 of 4

Project Number	MBP20
Date	05.18.2025
Drawn by	MDN
Designed by	MDN

A - 06



- 
- The logo for APEX ARCHITECTURE. The word "APEX" is in a large, blue, sans-serif font. Below it, the word "ARCHITECTURE" is in a smaller, blue, sans-serif font. To the right of the text is a stylized graphic element consisting of several thin, blue lines radiating from a central point, forming a star-like or compass rose shape.

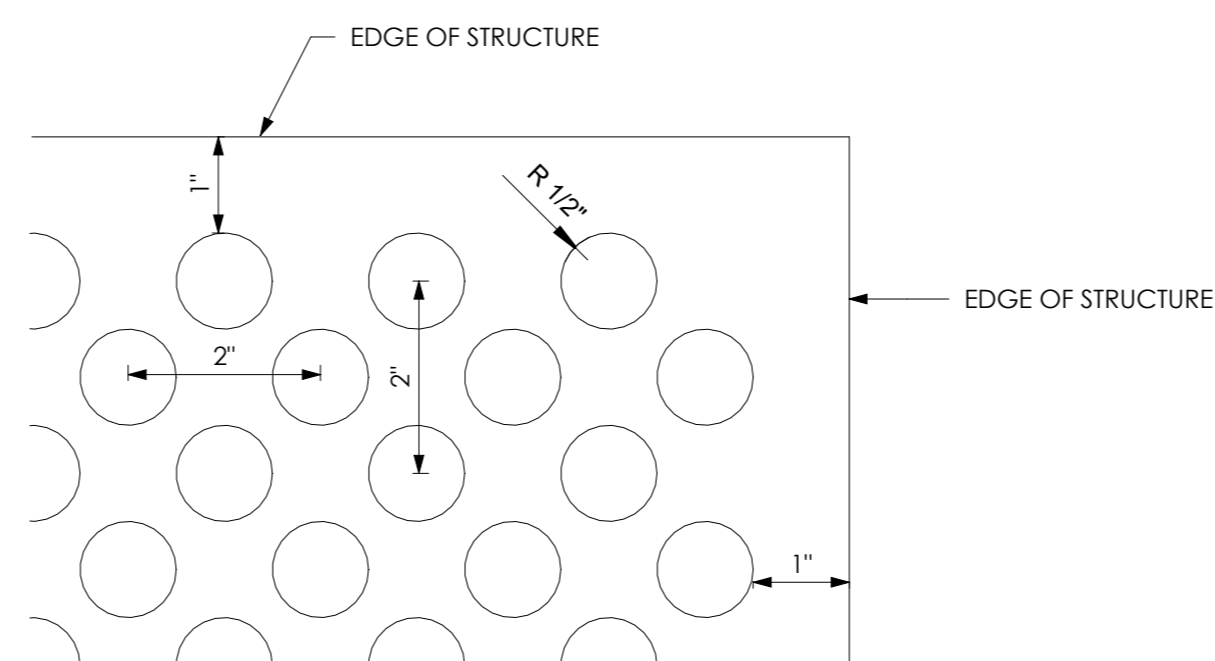
SUB-CONSULTANT

The seal is circular with a rope-like border. The text "STATE OF FLORIDA" is at the top, "MAXIM D. NASAB" is in the center, and "REGISTERED ARCHITECT" is at the bottom. A stylized architectural drawing of a building is in the center, with the license number "AR97311" below it.

A - 07

7/17/2025 2:34:12 PM













4 PERFORATION DETAIL - TYPICAL  
6" = 1'-0"



5 RESTROOM SIGNAGE  
1 1/2" = 1'-0"

G:\shortcut-targets-by-id\1KUDJ\_kXmsyGBraJ3kYksmrWOTMuoxn\1 RUBY ENGINEERING\1.2 PROJECTS\E-2022\E22-10 Mexico Beach Pier\DRAWINGS\E\E-001 LEGEND.dwg, Jul 09, 2025 - 1:44:43PM, JoyBonfield


FOR PERMIT ONLY

ELECTRICAL SPECIFICATIONS		ELECTRICAL ABBREVIATIONS	
<p><b>CODES AND STANDARDS</b></p> <p>A. ALL ELECTRICAL WORK SHALL CONFORM WITH ALL STATE AND LOCAL CODES AND STANDARDS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:</p> <p>1. FLORIDA BUILDING CODE (2020)</p> <p>2. NATIONAL ELECTRICAL CODE (2017)</p> <p>B. WHEREVER CONFLICTS OCCUR, MORE STRINGENT CODES SHALL APPLY.</p> <p>C. DEVICES AND PRODUCTS SHALL BE LISTED AND CLASSIFIED BY UNDERWRITERS LABORATORIES, INC AS SUITABLE FOR THE PURPOSE INDICATED.</p> <p>D. ALL ELECTRICAL WORK SHALL BE PERFORMED BY QUALIFIED PERSONNEL IN A NEAT AND WORKMANLIKE MANNER IN ACCORDANCE WITH NECA 1.</p> <p>E. FURNISH AND INSTALL ALL MATERIALS AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND OPERABLE INSTALLATION. TORQUE ALL FASTENING DEVICES TO MANUFACTURERS SPECIFICATIONS.</p> <p>F. ALL WIRING METHODS SHALL BE CONCEALED UNLESS NOTED OTHERWISE.</p> <p>G. ALL MOUNTING HEIGHTS INDICATED ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE.</p> <p><b>UTILITY COORDINATION</b></p> <p>A. COORDINATE UTILITY CONNECTION REQUIREMENTS WITH THE LOCAL ELECTRIC UTILITY COMPANY AND INCLUDE IN BASE BID ALL COST TO OWNER FOR UTILITY SERVICE.</p> <p>B. THE ELECTRICAL SERVICE UNDER THE SCOPE OF THIS PROJECT IS DESIGNED AS AN UNDERGROUND 100A, 120/240 VOLT, 1Ø, 3 WIRE SERVICE WITH A MAXIMUM AVAILABLE FAULT CURRENT OF 10,000A.</p> <p>C. THE UTILITY METER ENCLOSURE SHALL BE 125A RINGLESS SINGLE POSITION, 1Ø, 3 WIRE WITH LEVER BYPASS IN ALUMINUM ENCLOSURE, MILBANK UAP3505-XL-TG-HSP OR APPROVED EQUAL.</p> <p><b>ELECTRICAL IDENTIFICATION</b></p> <p>A. COLOR-CODED TAPE SHALL BE 3M COMPANY "SCOTCH 35" VINYL PLASTIC ELECTRICAL TAPE.</p> <p>B. IDENTIFY PHASE OF EACH CONDUCTOR AT EACH PULL BOX, JUNCTION BOX, SWITCH AND AT EACH OUTLET WITH PERMANENTLY ATTACHED, WRAP AROUND, ADHESIVE MARKERS. WITH AN APPROPRIATE NUMBER OR LETTER THAT WILL EXPEDITE FUTURE TRACING AND TROUBLE SHOOTING.</p> <p><b>CONDUCTORS AND CABLES</b></p> <p>A. CONDUCTOR SIZES (AND ASSOCIATED CONDUIT SIZES) IN THESE CONTRACT DOCUMENTS ARE BASED ON THE USE OF COPPER WIRE APPLIED AT 75 DEG. C RATING. ONLY COPPER WIRE SHALL BE USED.</p> <p>B. BUILDING WIRE SHALL BE TYPE THHN/THWN SINGLE CONDUCTOR INSULATED COPPER WIRE RATED FOR 600 VOLTS, RATED 90 DEGREES C DRY/75 DEGREES C WET. WIRE NO. 12 AND SMALLER MAY BE SOLID OR STRANDED AND WIRE NO. 10 AND LARGER SHALL BE STRANDED ONLY. PROVIDE STRANDED CONDUCTORS WHERE CONDUCTORS TERMINATE IN CRIMP TYPE LUGS. WIRING CONNECTORS SHALL BE SPRING WIRE CONNECTORS: UL 486C; RATED FOR 600 VOLTS, 105 DEG. C.</p> <p>C. LIMIT BRANCH CIRCUITS TO 3 CURRENT-CARRYING CONDUCTORS PER CONDUIT IN ACCORDANCE WITH NEC 310-15(B)(2)(A). FOR 20A CIRCUITS OF ALTERNATING PHASES, 4 CURRENT CARRYING CONDUCTORS MAY BE PERMITTED IN A RACEWAY. MINIMUM CONDUCTOR SIZES SHALL BE AS FOLLOWS:</p> <p>1. NO. 12 - BRANCH CIRCUITS OF ANY KIND;</p> <p>D. TEST EACH FEEDER AT TERMINATIONS FOR PROPER PHASING.</p> <p>E. COLOR CODE POWER WIRING AS FOLLOWS:</p> <p>1. 120/240 VOLT: PHASE A-BLACK, PHASE B-RED, NEUTRAL-WHITE; GROUND CONDUCTOR-GREEN;</p> <p>F. SHARED NEUTRAL CONDUCTORS (MULTI-WIRE BRANCH CIRCUITS) ARE NOT ALLOWED.</p> <p><b>GROUNDING AND BONDING</b></p> <p>A. RECEPTACLES OF ANY AMPERAGE SHALL BE GROUNDING TYPE AND SHALL HAVE SEPARATE GROUNDING CONTACT. INSTALL SEPARATE JUMPER BETWEEN GROUNDING TERMINAL ON DEVICE AND METALLIC BOX.</p> <p>B. PROVIDE GROUND CONTINUITY BETWEEN EQUIPMENT OR DEVICE AND METALLIC CONDUIT-RACEWAY SYSTEM. MULTIPLE CONDUCTORS IN SINGLE LUG NOT PERMITTED. EACH GROUNDING CONDUCTOR SHALL TERMINATE IN ITS OWN TERMINAL LUG.</p> <p>C. PROVIDE SEPARATE GREEN WIRE GROUND CONDUCTOR FOR EACH BRANCH CIRCUIT AND FEEDER CONDUIT. GROUND CONDUCTORS SHALL BE SIZE AS INDICATED IN NEC, EXCEPT MINIMUM SIZE GROUND CONDUCTOR SHALL BE NO. 12 AWG.</p> <p>D. GROUNDING CONDUCTOR IS IN ADDITION TO NEUTRAL CONDUCTOR AND IN NO CASE SHALL NEUTRAL CONDUCTOR SERVE AS GROUNDING MEANS.</p> <p>E. THE GROUNDING ELECTRODE SYSTEM SHALL CONSIST OF A #4 GROUNDING ELECTRODE CONDUCTOR CONNECTED TO THE FOLLOWING PER NEC 2017 ARTICLE 250.52:</p> <p>1. METAL UNDERGROUND WATER PIPE</p> <p>2. CONCRETE-ENCASED ELECTRODE</p> <p>3. DRIVEN 5/8" COPPER GROUND ROD</p> <p><b>RACEWAYS AND FITTINGS</b></p> <p>A. CONDUIT BODIES SHALL BE MADE FROM COPPER-FREE ALUMINUM AND HAVE OPENINGS COMPATIBLE WITH CONDUIT FITTINGS. PROVIDE BLANK COVERS WITH NEOPRENE GASKETS HELD IN PLACE WITH TWO (2) STAINLESS STEEL SCREWS. BODIES SHALL BE LB, C OR OTHER TYPE INDICATED.</p> <p>B. RIGID ALUMINUM CONDUIT CONNECTIONS SHALL HAVE COMPATIBLE BUSHINGS WITH INTEGRAL INSULATOR. PROVIDE BONDING BUSHINGS FOR ALL CONNECTIONS THROUGH PRE-PUNCHED CONCENTRIC OR ECCENTRIC KNOCKOUTS.</p> <p>C. PROVIDE ONE-PIECE, CAST ALUMINUM TYPE OUTLET BOXES TO ACCOMMODATE DEVICES, IN CONFORMANCE WITH CODE REQUIREMENTS, NUMBER AND SIZE OF CONDUCTORS AND SPLICES AND CONSISTENT WITH TYPE OF CONSTRUCTION.</p> <p>D. PROVIDE HEAVY DUTY SHEET STAINLESS STEEL STRAPS, OR CHANNEL SYSTEM WITH APPROPRIATE COMPONENTS CONDUIT SUPPORTS FOR HORIZONTAL OR VERTICAL SINGLE RUNS. SPRING TYPE PRESSURE CLAMPS MAY BE USED WITH CONDUIT THROUGH 3/4".</p> <p>E. REAM CONDUIT SMOOTH AT ENDS, CAP UPON INSTALLATION, RIGIDLY ATTACH TO STRUCTURAL PARTS OF BUILDING AND SECURELY FASTEN TO OUTLET BOXES, PANEL CABINETS, JUNCTION BOXES, PULL BOXES, SPLICING CHAMBERS, SAFETY SWITCHES AND OTHER COMPONENTS OF THE RACEWAY SYSTEM.</p> <p>F. MINIMUM CONDUIT SIZE IS 1/2", EXCEPT 3/8" FLEXIBLE METAL CONDUIT IS PERMITTED FOR LIGHTING FIXTURES.</p> <p>G. EMT CONDUIT MAY BE USED FOR INTERIOR PARTITIONS, ABOVE CEILINGS, AND MECHANICAL ROOMS WHERE NOT SUBJECT TO PHYSICAL DAMAGE.</p> <p>H. USE SCHEDULE 40 PVC CONDUIT FOR INSTALLATIONS BELOW GRADE (AND IN OR UNDER SLABS WHERE APPROVED).</p> <p>I. USE RIGID ALUMINUM CONDUIT FOR ALL INTERIOR AND EXTERIOR ABOVE GRADE APPLICATIONS. PROVIDE RIGID ALUMINUM 90 DEGREE ELBOW AT ALL TRANSITIONS FROM HORIZONTAL UNDERGROUND SCHEDULE 40 PVC TO RIGID ALUMINUM CONDUIT. PROVIDE ANTI-CORROSION TAPE ON ALL PORTIONS OF RIGID ALUMINUM CONDUIT UP TO 12" ABOVE GRADE</p> <p>J. USE LIQUID-TIGHT FLEXIBLE METAL CONDUIT NOT OVER 4 FT IN LENGTH FOR FINAL CONNECTIONS FOR TO EQUIPMENT SUCH AS EXHAUST FANS AND OTHER EQUIPMENT WITH VIBRATION ISOLATION MOUNTING.</p> <p><b>PANELBOARDS</b></p> <p>A. BASIS OF DESIGN FOR THE LIGHTING AND APPLIANCE PANELBOARD, PANEL P, IS SQUARE D QO LOAD CENTER OR EQUAL.</p> <p>B. PANELBOARDS SHALL BE UL 50 AND UL 67 LISTED.</p> <p>C. CIRCUIT BREAKERS SHALL BE UL 489 LISTED.</p> <p>D. PANELBOARDS SHALL BE COMPLETELY FACTORY ASSEMBLED WITH MOLDED CASE CIRCUIT BREAKERS AND INTEGRAL ACCESSORIES AS SHOWN IN THE PANEL SCHEDULES.</p> <p>E. PROVIDE PRINTED SCHEDULE OF CIRCUITS IN EACH PANELBOARD. SCHEDULES SHALL REFLECT FINAL LOAD DESCRIPTIONS AND ROOM NUMBERS CONNECTED TO EACH CIRCUIT BREAKER. SCHEDULES SHALL BE PRINTED ON THE PANELBOARD DIRECTORY CARDS AND BE INSTALLED IN THE APPROPRIATE PANELBOARD.</p> <p>F. MOUNT PANELBOARDS SUCH THAT THE MAXIMUM HEIGHT OF THE TOP CIRCUIT BREAKER ABOVE THE FINISHED FLOOR SHALL NOT EXCEED 78 INCHES.</p> <p>G. PROVIDE SURGE PROTECTIVE DEVICE RATED AT 80 KA MAXIMUM SURGE CURRENT PER PHASE FOR 120/240V SYSTEMS WITH L-L, L-N AND L-G PROTECTION MODES.</p> <p><b>WIRING DEVICES</b></p> <p>A. RECEPTACLES SHALL BE HEAVY-DUTY, TAMPER-RESISTANT TYPE, COMMERCIAL GRADE, RATED 20 AMPS, 125 VOLTS AC, BACK AND SIDE WIRED CAPABLE, GRAY COLORED. PUSH-IN TYPE CONNECTIONS ARE NOT PERMITTED.</p> <p>B. DEVICE COVER PLATES FOR INTERIOR AREAS SHALL BE STAINLESS STEEL.</p> <p>C. EXTERIOR RECEPTACLE PLATES SHALL BE EXTRA DUTY, PADLOCKABLE, DIE-CAST ALUMINUM, GRAY COLORED, WHILE IN USE WEATHERPROOF COVER.</p>		<p>A - AMPERES</p> <p>AC - ABOVE CEILING</p> <p>AF - AMPERE FRAME</p> <p>AFCI - ARC FAULT CIRCUIT INTERRUPTER</p> <p>AFF - ABOVE FINISHED FLOOR</p> <p>AIG - AMP INTERRUPTING CAPACITY</p> <p>ALT - ALTERNATE</p> <p>AT - AMPERE TRIP</p> <p>AUTO - AUTOMATIC</p> <p>AWG - AMERICAN WIRE GAUGE</p> <p>BLDG - BUILDING</p> <p>C - CONDUIT</p> <p>CFCI - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED</p> <p>CLG - CEILING</p> <p>CT - CURRENT TRANSFORMER</p> <p>DC - DIRECT CURRENT</p> <p>DISC - DISCONNECT</p> <p>EMT - ELECTRICAL METALLIC TUBING</p> <p>FLA - FULL LOAD AMPERES</p> <p>G - GROUND</p> <p>GFCI - GROUND FAULT CIRCUIT INTERRUPTER</p> <p>GFI - GROUND FAULT INTERRUPTER</p> <p>GRC - GALVANIZED RIGID CONDUIT</p> <p>HP - HORSEPOWER</p> <p>JB - JUNCTION BOX</p> <p>KV - KILOVOLT</p> <p>KVA - KILOVOLT-AMPERES</p> <p>KW - KILOWATTS</p> <p>KWH - KILOWATT HOURS</p> <p>LTS - LIGHTS</p> <p>LV - LOW VOLTAGE</p> <p>MCB - MAIN CIRCUIT BREAKER</p> <p>MIN - MINIMUM</p> <p>MLO - MAIN LUGS ONLY</p> <p>MTG - MOUNTING</p> <p>NA - NOT APPLICABLE</p> <p>NC - NORMALLY CLOSED</p> <p>NO - NORMALLY OPEN</p> <p>OCFI - OWNER FURNISHED CONTRACTOR INSTALLED</p> <p>OFOI - OWNER FURNISHED OWNER INSTALLED</p> <p>P - POLE</p> <p>PC - PHOTOCCELL</p> <p>PF - POWER FACTOR</p> <p>PH - PHASE</p> <p>PVC - POLYVINYL CHLORIDE</p> <p>REC - RECEPTACLE</p> <p>SPD - SURGE PROTECTIVE DEVICE</p> <p>TR - TAMPER RESISTANT</p> <p>TV - TELEVISION</p> <p>TYP - TYPICAL</p> <p>UC - UNDER COUNTER</p> <p>UG - UNDERGROUND</p> <p>UNO - UNLESS NOTED OTHERWISE</p> <p>V - VOLTAGE</p> <p>WI - WITH</p> <p>WP - WEATHERPROOF</p>	
		<p><b>ELECTRICAL LEGEND</b></p> <div><div> WALL MOUNTED LUMINAIRE</div><div> PIER PILASTER SCONCE RECESSED MOUNT</div><div> PASSIVE INFRARED WALL SENSOR</div><div> DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTING HEIGHT: 18" AFF UNO</div></div> <div><div> UTILITY METER</div><div> SURFACE MOUNTED PANELBOARD</div><div> SPD SURGE PROTECTIVE DEVICE</div><div> PC 120V BUTTON TYPE PHOTO CELL IN WEATHERPROOF, CAST ALUMINUM BACKBOX</div></div> <div><div> FIXED EQUIPMENT CONNECTION</div><div> GROUND ROD</div><div> WIRING</div><div> KEYED NOTE</div></div>	



JAMES J. TATONE  
FL. REG. ENGINEER# 57609

RUBY ENGINEERING, INC  
3 W GARDEN ST, STE 414  
PENSACOLA, FL 32502  
PHONE: (850) 458-5540  
CERTIFICATE NO. CA-31884



**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927  
449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-5661  
ENGINEERING BUSINESS: EB-00000340

Pensacola - Panama City Beach - Tallahassee - Mobile  
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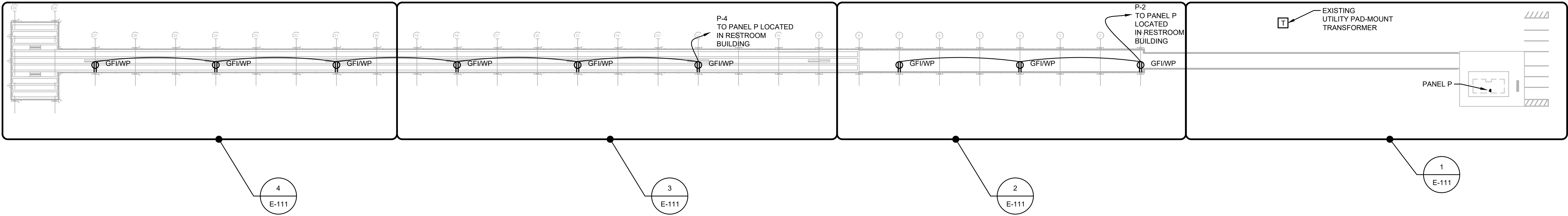
**MEXICO BEACH PIER REPLACEMENT**

PROJECT NO:	90622.01	NO.	1	DATE	07/25	APPR.	JJT	REVISION / ACTION TAKEN	REMOVED SECOND RESTROOM
DESIGNED BY:	JJT								
DRAWN BY:	JLB								
CHKD BY:	JJT								
PROJ. MGR:	DKH								
DATE:	MARCH 2023								
PERMIT SET BY:	JJT								
DATE:	03/10/2023								

**LEGEND, ABBREVIATIONS, AND SPECIFICATIONS**

**E-001**

G:\shortcut-targets-by-id\1KUDJ\_LXmnsy0Brq3KvksmrW0TMuoxnK\1 RUBY ENGINEERING\1.2 PROJECTS\E-2022\E22-10 Mexico Beach Pier\DRAWINGS\E-101 SITE.dwg, Jul 09, 2025 -- 1:45:38PM, JoyBartfield




1 OVERALL PIER PLAN  
SCALE: 1" = 40' 0 20' 40' 80'

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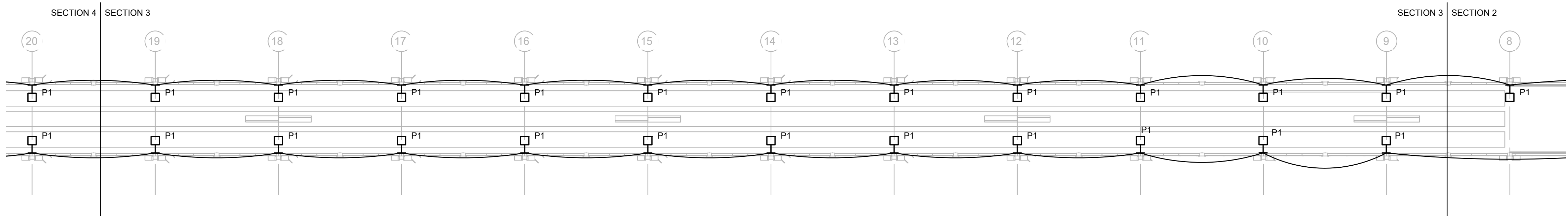


JAMES J. TATONE  
FL. REG. ENGINEER# 57609

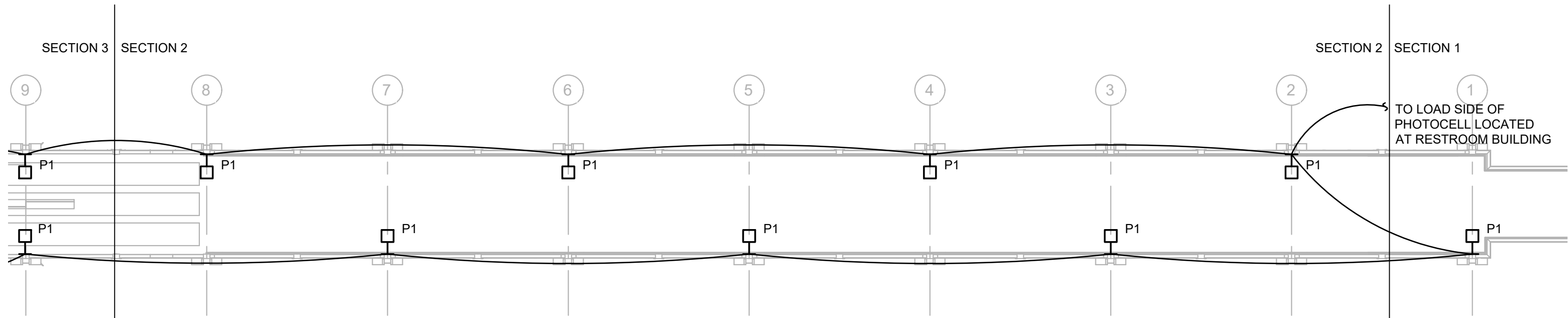
RUBY ENGINEERING, INC  
3 W GARDEN ST, STE 414  
PENSACOLA, FL 32502  
PHONE: (850) 458-5540  
CERTIFICATE NO. CA-31884

OVERALL PIER PLAN	PROJECT NO: 90622.01	NO. 1	DATE 07/25	APPR. JTT	REVISION/ACTION TAKEN REMOVED SECOND RESTROOM
	DESIGNED BY: JTT				
	DRAWN BY: JLB				
	CHKD BY: JTT				
E-101	PROJ. MGR: DKH				
	DATE: MARCH 2023				PERMIT SET BY JTT DATE 03/10/2023
MEXICO BEACH PIER REPLACEMENT					
<div><p>BASKERVILLE-DONOVAN, INC. ENGINEERING THE SOUTH SINCE 1927 449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-5661 ENGINEERING BUSINESS: EB-0000340 Pensacola - Panama City Beach - Tallahassee - Mobile This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.</p></div>					

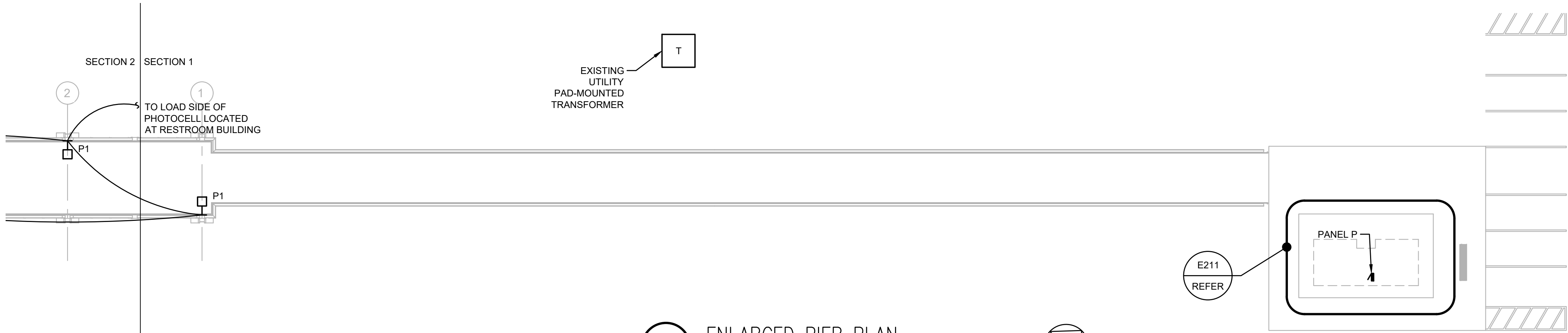
G:\shortcut-targets-by-id\1kUDJ\_kXmsyGBra3kYksmrWOTMuoxn\1 RUBY ENGINEERING\1.2 PROJECTS\E-2022\E22-10 Mexico Beach Pier\DRAWINGS\E-E-111 ENLARGED SITE.dwg, Jul 09, 2025 - 1:46:46PM, JoyBontfield



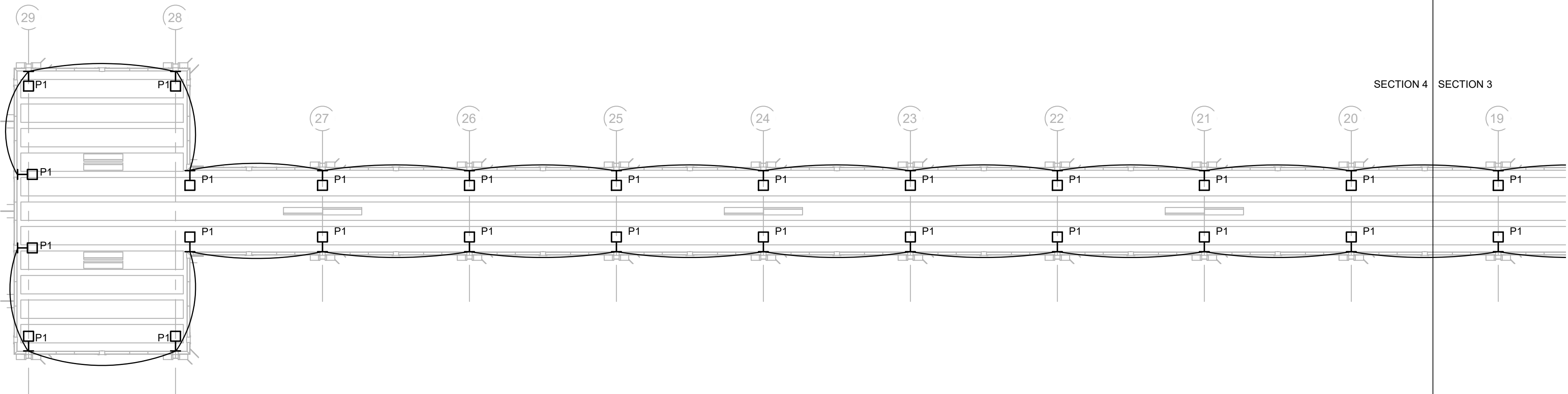
3 ENLARGED PIER PLAN  
SCALE: 1/16" = 1'-0" 0 4' 8' 16' 32'



2 ENLARGED PIER PLAN  
SCALE: 1/16" = 1'-0" 0 4' 8' 16' 32'



1 ENLARGED PIER PLAN  
SCALE: 1/16" = 1'-0" 0 4' 8' 16' 32'



4 ENLARGED PIER PLAN  
SCALE: 1/16" = 1'-0" 0 4' 8' 16' 32'

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JAMES J. TATONE  
FL. REG. ENGINEER# 57609

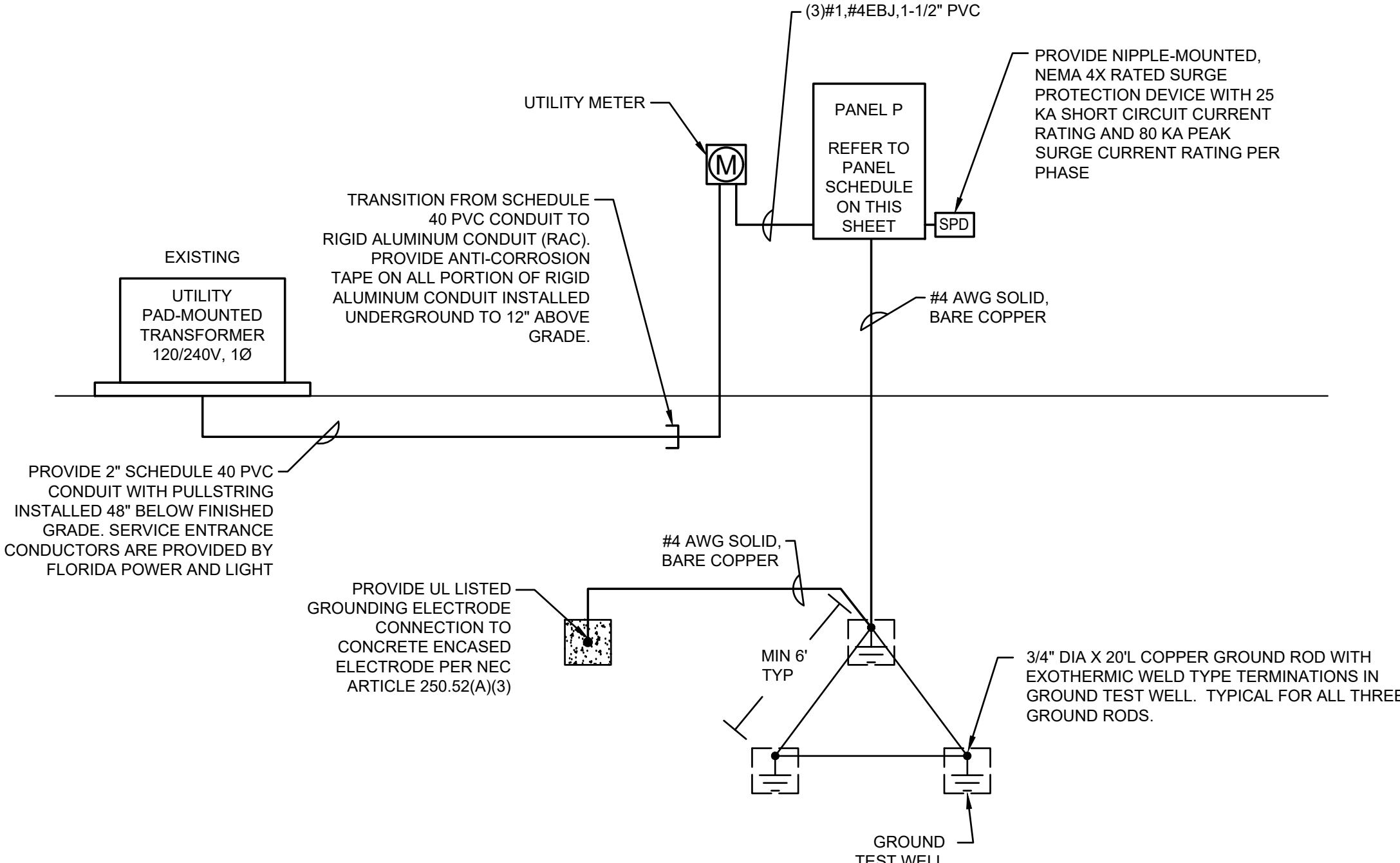
**Ruby**  
ENGINEERING, INC

RUBY ENGINEERING, INC  
3 W GARDEN ST, STE 414  
PENSACOLA, FL 32502  
PHONE: (850) 455-5540  
CERTIFICATE NO. CA-31884

<b>BASKERVILLE-DONOVAN, INC.</b> ENGINEERING THE SOUTH SINCE 1927 449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-5861 ENGINEERING BUSINESS: EB-0000340 Pensacola - Panama City Beach - Tallahassee - Mobile <small>This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.</small>	
<b>MEXICO BEACH PIER REPLACEMENT</b>	
PROJECT NO: <b>90622.01</b>	NO. 1
DESIGNED BY: JLT	APPR. JLT
DRAWN BY: JLB	DATE 07/25
CHKD BY: JLT	REVISION / ACTION TAKEN REMOVED SECOND RESTROOM
PROJ. MGR: DKH	
DATE: MARCH 2023	PERMIT SET BY JLT DATE 03/10/2023
<b>ENLARGED PIER PLAN</b>	
<b>E-111</b>	



FOR PERMIT ONLY



1 POWER RISER DIAGRAM  
SCALE: NONE



**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927  
449 WEST MAIN STREET, PENSACOLA, FL 32502 (850) 438-9661  
ENGINEERING BUSINESS: EB-0000390  
Pensacola - Panama City Beach - Tallahassee - Mobile

# MEXICO BEACH PIER REPLACEMENT

NO.	DATE	APPR.	REVISION/ACTION TAKEN
1	07/25	JJT	REMOVED SECOND RESTROOM

## DIAGRAMS

F-311

EXTERIOR LUMINAIRE (TYPE W1) MANUFACTURER'S CUT SHEET SCALE: NONE	3
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RRIOR LUMINAIRE (TYPE S1) MANUFACTURER'S CUT SHEET	2
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PRIOR LUMINAIRE (TYPE P1) MANUFACTURER'S CUT SHEET	1
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