

**Maintenance Memorandum of Agreement**

**Courtney Campbell Causeway (SR 60) Pedestrian Bridge**

**City of Clearwater**

**And**

**Florida Department of Transportation**

CITY OF CLEARWATER (“CITY”), and the FLORIDA DEPARTMENT OF TRANSPORTATION (“DEPARTMENT”), enter into this Maintenance Memorandum of Agreement on this \_\_\_\_ day of \_\_, 2024.

1. The CITY acknowledges that the DEPARTMENT will require the CITY to maintain the aesthetic features of the Pedestrian Bridge Project, as depicted in the construction plans and Specifications of F.P.I.D. # 437498-1-52-02 attached as Exhibit “A”, in perpetuity, according to the DEPARTMENT standards, which include, but are not limited to, the Americans with Disabilities Act, Design Standards, and the Standard Specifications, and as amended from time to time.
2. The CITY’S maintenance activities shall include, but not be limited to: fencing- wire mesh, expanded metal and pre-formed metal in direct support of the signage, and associated LED lighting, removal of graffiti, handrail-guardrail, bike racks, benches, trash receptacles and any other aesthetic features and components of the Pedestrian Bridge. The CITY shall sweep and remove litter within the Project limits which is denoted in the Construction Plans.
3. The CITY shall use custom paint, reactive stain and coatings on railings, bridge structures and all components on the Pedestrian Bridge. Repairs to any features shall be in kind and to DEPARTMENT standards. The CITY shall maintain aesthetics and repair any cosmetic damage to the Pedestrian Bridge at its sole cost and expense, in a good and workmanlike manner, and with reasonable care.
4. The DEPARTMENT shall inspect and repair structural damage to the entire bridge structure over SR 60 (Courtney Campbell Causeway) within the Pedestrian Bridge Project located within the Departments right of way according to the DEPARTMENT Standards.
5. Any requests for additional maintenance shall be the responsibility of the CITY.
6. The CITY shall pay utility bills for lighting if they are associated with the Pedestrian Bridge.
7. The CITY shall conduct routine inspections of the Pedestrian Bridge to ensure that all safety deficiencies are addressed.

8. If at any time the CITY has not performed the maintenance responsibility on the pedestrian bridge project in accordance with this Agreement, the DEPARTMENT shall have the option of (a) notifying the CITY of the deficiency with a requirement that it be corrected within a specified time; or (b) the DEPARTMENT may perform the necessary maintenance at the CITY'S sole cost and expense, and send an invoice to the CITY, equal to the cost incurred by the DEPARTMENT for such maintenance. Any action taken by the DEPARTMENT does not relieve any obligation of the CITY under the terms and conditions of this Agreement. Failure to perform maintenance of the Pedestrian Bridge Project in accordance with this Agreement may impact DEPARTMENT funding participation in future CITY projects.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

STATE OF FLORIDA DEPARTMENT OF  
TRANSPORTATION

By: \_\_\_\_\_

Print Name: Francis Lewis, P.E.  
Title: Director of Transportation Operations,  
District Seven  
Date: \_\_\_\_\_

Attest: \_\_\_\_\_  
Executive Secretary (SEAL)

Date: \_\_\_\_\_

Legal Review: \_\_\_\_\_  
Office of General Counsel, District 7

Date: \_\_\_\_\_

CITY OF CLEARWATER, FLORIDA

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Brian Aungst Sr.  
Mayor

Date: \_\_\_\_\_

Approved as to form:

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Jennifer Poirier  
City Manager

Attest:

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Owen Kohler  
Lead Assistant City Attorney

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Rosemarie Call  
City Clerk

**Exhibit A**  
**Construction Plans and Specifications of F.P.I.D. # 437498-1-52-02**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

INDEX OF ARCHITECTURAL PLANS

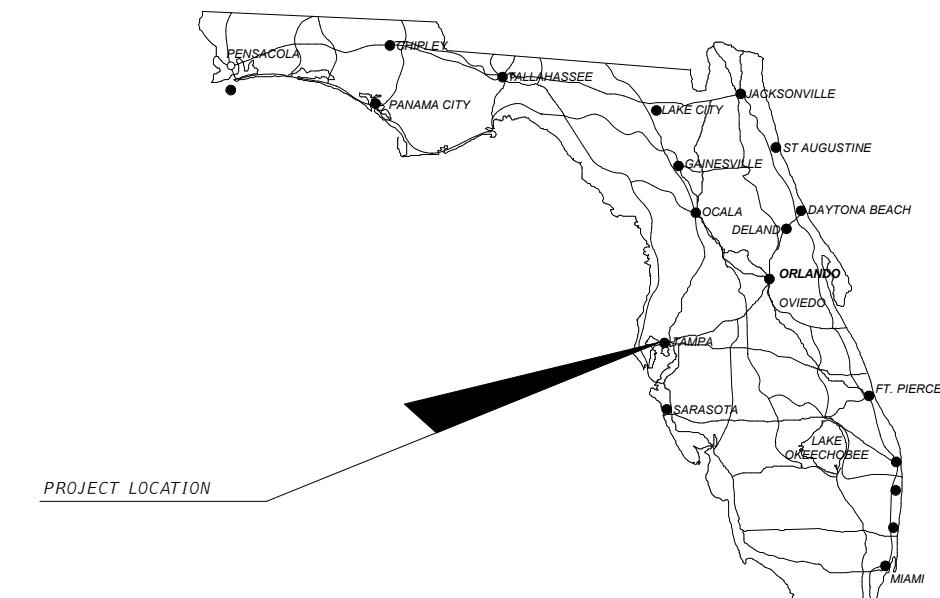
<u>SHEET TYPE</u>	<u>SHEET NUMBER</u>	<u>SHEET NAME</u>
GENERAL	AG-000	KEY SHEET
GENERAL	AG-001	SIGNATURE SHEET
GENERAL	AG-002	GENERAL NOTES
STRUCTURAL	AS-001	STRUCTURAL NOTES
STRUCTURAL	AS-100	OVERALL BRIDGE PLAN
STRUCTURAL	AS-101	BRIDGE DECK LEVEL
STRUCTURAL	AS-102	ISO - BRIDGE (1)
STRUCTURAL	AS-103	BRIDGE CANOPY (2)
STRUCTURAL	AS-104	BRIDGE TOP OF TRUSS (1)
STRUCTURAL	AS-105	BRIDGE TOP OF TRUSS (2)
STRUCTURAL	AS-200	BRIDGE ELEVATIONS (1)
STRUCTURAL	AS-201	BRIDGE ELEVATIONS (2)
STRUCTURAL	AS-202	BRIDGE ELEVATIONS (3)
STRUCTURAL	AS-203	BRIDGE ELEVATIONS (4)
STRUCTURAL	AS-300	ISO - BRIDGE CANOPY
STRUCTURAL	AS-301	BRIDGE CANOPY (1)
STRUCTURAL	AS-302	ISO - BRIDGE (2)
STRUCTURAL	AS-400	STEEL TRUSS DETAILS (1)
STRUCTURAL	AS-401	STEEL TRUSS DETAILS (2)
STRUCTURAL	AS-402	STEEL TRUSS DETAILS (3)
STRUCTURAL	AS-403	STEEL TRUSS DETAILS (4)
STRUCTURAL	AS-404	STEEL TRUSS DETAILS (5)
STRUCTURAL	AS-405	OVERLOOK CONNECTION DETAILS
ARCHITECTURAL	AA-100	OVERALL SITE PLAN
ARCHITECTURAL	AA-101	FLOOR PLAN
ARCHITECTURAL	AA-102	ROOF PLAN
ARCHITECTURAL	AA-102.1	ENLARGED ROOF PLAN
ARCHITECTURAL	AA-201	OVERALL ELEVATIONS
ARCHITECTURAL	AA-202	OVERLOOK ELEVATIONS
ARCHITECTURAL	AA-203	OVERPASS ENLARGED ELEVATION (1)
ARCHITECTURAL	AA-204	OVERPASS ENLARGED ELEVATION (2)
ARCHITECTURAL	AA-205	OVERPASS ENLARGED ELEVATION (3)
ARCHITECTURAL	AA-206	ENCLOSURE MATERIALS (1)
ARCHITECTURAL	AA-207	ENCLOSURE MATERIALS (2)
ARCHITECTURAL	AA-301	SECTIONS
ARCHITECTURAL	AA-401	ENLARGED PLANS
ARCHITECTURAL	AA-501	DETAILS (1)
ARCHITECTURAL	AA-502	DETAILS (2)
ARCHITECTURAL	AA-503	DETAILS (3)
ARCHITECTURAL	AA-901	PERSPECTIVES
ELECTRICAL	AE-001	ELECTRICAL GENERAL NOTES, SYMBOL LEGEND AND LUMINAIRE SCHEDULE
ELECTRICAL	AE-002	LUMINAIRE SCHEDULE AND CUT SHEETS
ELECTRICAL	AE-101	ELECTRICAL PLAN
ELECTRICAL	AE-201	OVERPASS ELEVATIONS - LIGHTING
ELECTRICAL	AE-301	PHOTOMETRIC PLAN
ELECTRICAL	AE-601	ELECTRICAL RISER DIAGRAM
ELECTRICAL	AE-701	ELECTRICAL DETAILS (1)
ELECTRICAL	AE-702	ELECTRICAL DETAILS (2)

TOTAL SHEETS: 48

FINANCIAL PROJECT ID 437498-1-52-02  
FINANCIAL PROJECT ID 437498-1-52-01  
(FEDERAL FUNDS)  
PINELLAS COUNTY (15040)

ARCHITECTURAL PLANS

SR 60 (COURTNEY CAMPBELL CAUSEWAY)



PROJECT LOCATION

ARCHITECTURAL PLANS  
ARCHITECT OF RECORD:

ERIC LUTTMANN, AIA  
LICENSE NUMBER AR 97111

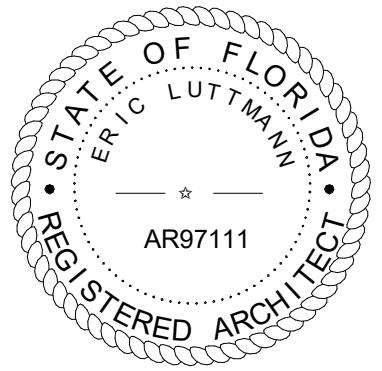
WGI, INC.  
3111 W. DR. MARTIN LUTHER KING JR. BLVD.  
SUITE 375  
TAMPA, FL 33607  
VENDOR NO. F650271367001

FDOT PROJECT MANAGER:

DINYAR SHARIFABAD, PE

PHASE IV SUBMITTAL  
NOVEMBER 2023

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	DWG NO.	SHEET NO.
T7532	24	AG-000	



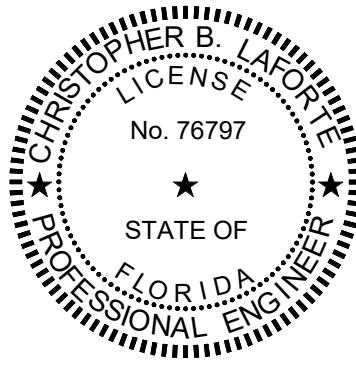
THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL  
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WGI, INC.  
3111 W. DR. MARTIN LUTHER KING JR.  
BLVD, SUITE 375, TAMPA, FL 33607  
ERIC LUTTMANN, AIA AR97111

THE ABOVE NAMED REGISTERED ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING  
SHEETS IN ACCORDANCE WITH RULE 61G1-16.005, F.A.C.

<u>SHEET TYPE</u>	<u>DWG NO.</u>	<u>DWG NAME</u>
GENERAL	AG-000	KEY SHEET
GENERAL	AG-001	SIGNATURE SHEET
GENERAL	AG-002	GENERAL NOTES
ARCHITECTURAL	AA-100	OVERALL SITE PLAN
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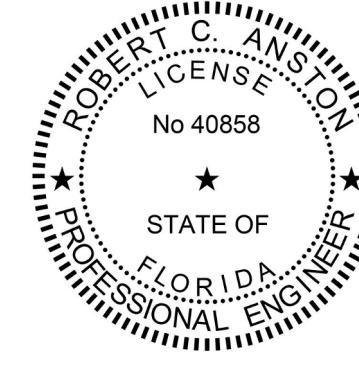
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WGI, INC.  
2035 VISTA PARKWAY  
WEST PALM BEACH, FL 33411  
CHRISTOPHER B LAFORTE P.E. NO. 76797

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING  
SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET TYPE</u>	<u>DWG NO.</u>	<u>DWG NAME</u>
GENERAL	AG-001	SIGNATURE SHEET
STRUCTURAL	AS-001	STRUCTURAL NOTES
STRUCTURAL	AS-100	OVERALL BRIDGE PLAN
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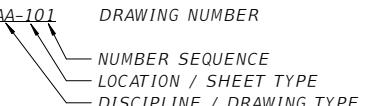
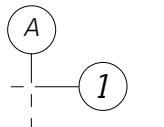
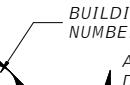
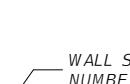
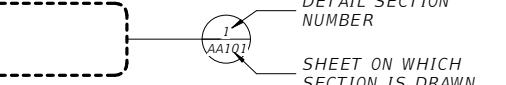
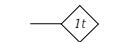
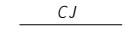
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WGI, INC.  
3111 W. DR. MARTIN LUTHER KING JR.  
BLVD, SUITE 375, TAMPA, FL 33607  
ROBERT C. ANSTON P.E. NO. 40858

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING  
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No.	Date	Issue / Revision	ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607 ARCHITECT BUSINESS LICENSE NO.: AA26003274	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	SIGNATURE SHEET	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID				SHEET NO.
SR 60	PINELLAS	437498-1-52-02				

		<u>SYMBOLS LEGEND</u>		<u>BUILDING CODES LIST</u>		<u>GENERAL NOTES</u>	
		SEE SHEETS FOR SPECIFIC SYMBOLS		<u>CODE COMPLIANCE</u>		1. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE CODES AS LISTED IN THIS DRAWING SET.	
		 <u>DRAWING NUMBER</u>		<u>ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING CODES:</u> <ul style="list-style-type: none"> <li>- FLORIDA BUILDING CODE 8TH EDITION, 2023 - INCLUDING CHAPTER 35 REFERENCED STANDARDS</li> <li>- FLORIDA BUILDING CODE 8TH EDITION, 2023 - ENERGY CONSERVATION</li> <li>- FLORIDA BUILDING CODE 8TH EDITION, 2023 - ACCESSIBILITY</li> </ul>		2. IN SOME CASES, THE REQUIREMENTS SET FORTH IN THE CONSTRUCTION DRAWINGS AND TECHNICAL SPECIAL PROVISIONS EXCEED THE MINIMUM REQUIREMENTS OF THE CODE.	
		 <u>NORTH ARROW</u>		 <u>STRUCTURAL GRIDS</u>		3. COORDINATE THE SEQUENCING AND EXECUTION OF ALL TRADES IN STRICT CONFORMANCE WITH THE REQUIREMENTS OF ALL CONSTRUCTION DRAWINGS AND CONTRACT DOCUMENTS.	
		 <u>EXTERIOR ELEVATION REFERENCE</u>		 <u>INTERIOR ELEVATION REFERENCE</u>		4. PROTECT THE PUBLIC FROM CONSTRUCTION ACTIVITIES AND PROVIDE FOR A SECURE CONSTRUCTION SITE.	
		 <u>BUILDING SECTION REFERENCE</u>		 <u>WALL SECTION / DETAIL REFERENCE</u>		5. PERFORM ALL WORK WITH STRICT ADHERENCE TO MANUFACTURERS' STANDARD INSTALLATION INSTRUCTIONS, AS WELL AS PER ENGINEERED SYSTEM/ASSEMBLY OR APPLICABLE PRODUCT APPROVAL.	
		 <u>DETAIL CALLOUT REFERENCE</u>		   <u>ROOM TAG</u> <u>WALL TAG</u> <u>DOOR TAG</u> <u>WINDOW TAG</u>		6. ASSURE MATERIALS AND SYSTEMS COMPATIBILITY THROUGHOUT, TYPICAL.	
		    <u>REVISION TAG</u> <u>NOTE TAG</u> <u>EQUIPMENT TAG</u> <u>CENTERLINE</u>		   <u>SPOT ELEVATION</u> <u>LEVEL HEAD</u> <u>ALIGN</u>		7. PROVIDE MEANS AND METHODS TO ELIMINATE CONTACT BETWEEN DISSIMILAR METALS CAUSING GALVANIC CORROSION, TYPICAL.	
		 <u>GRAPHIC SCALE</u>		 <u>CONTROL JOINT</u>		8. PROVIDE RECOMMENDED ARCHITECTURAL STEEL FRAMING SPLICE LOCATIONS FOR MULTI-DISCIPLINARY REVIEW.	
No.   Date   Issue / Revision		ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607  ARCHITECT BUSINESS LICENSE NO.: AA26003274		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO.   COUNTY   FINANCIAL PROJECT ID SR 60   PINELLAS   437498-1-52-02		GENERAL NOTES  AG-002 SHEET NO.	

## DESIGN CRITERIA

1. AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" (1ST EDITION).
2. AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), "LRFD BRIDGE DESIGN SPECIFICATION" (9TH EDITION).
3. FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FY 2023-24).
4. LOADING:
  - A. DEAD LOAD:  
SELF-WEIGHT
  - B. WIND LOAD:  
DESIGNED WIND LOADS WERE IN ACCORDANCE WITH THE COURTNEY CAMPBELL CAUSEWAY TRAIL WIND CLIMATE AND SITE EXPOSURE REPORT BY RWDI DATED JUNE 16, 2023 (RWDI # 2205889) AND THE COURTNEY CAMPBELL CAUSEWAY TRAIL CLADDING WIND LOAD STUDY REPORT BY RWDI DATED JUNE 16, 2023 (RWDI # 2205889). BASED ON SITE SPECIFIC STATISTICAL WIND CLIMATE ANALYSIS A 142 MPH (3 SECOND GUST) IN OPEN TERRAIN WIND SPEED WAS USED IN WIND TUNNEL MODELING.
  - C. FUTURE EXPANSION:  
NO PROVISION HAVE BEEN MADE FOR FUTURE VERTICAL OR HORIZONTAL EXPANSION OF THE STRUCTURE.
7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL PERTINENT LOCAL, STATE, AND FEDERAL BUILDING REGULATIONS.
8. SHOP DRAWINGS:
  - A. THE GENERAL CONTRACTOR SHALL REVIEW EACH SUBMITTAL BEFORE FORWARDING TO THE ARCHITECT AND ENGINEER.
  - B. THE ENGINEER OF RECORD'S REVIEW IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE SITE; FOR INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION, PROCESSES, OR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION; AND FOR COORDINATION OF THE WORK OF ALL TRADES. THE ENGINEER'S APPROVAL OF A SPECIFIC ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.
  - C. CONTRACTOR SHALL PROVIDE SHIPPING METHODOLOGY; RIGGING, ERECTION, AND INSTALLATION DRAWINGS AND METHODOLOGY; AND SITE ERECTION PHASING, IN ACCORDANCE TO ROADWAY PHASING PLANS, FOR REVIEW.

### GENERAL CONDITION

1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND TO SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF THE SHOP DRAWINGS.
2. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, SAFETY, OSHA COMPLIANCE, TECHNIQUES, AND SEQUENCES. THE GENERAL CONTRACTOR HAS SOLE RESPONSIBILITY FOR THE QUALITY AND CORRECTNESS OF THE WORK.
3. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS, ARCHITECTURAL PLANS, AND STRUCTURAL PLANS PREPARED BY KISINGER CAMP & ASSOCIATES CORPORATION (KCA) FOR FDOT FINANCIAL PROJECT ID 437498-1-52-01 AND FDOT FINANCIAL PROJECT ID 437498-1-52-02.
4. ANY REFERENCE TO STRUCTURAL DRAWINGS REFER TO THE STRUCTURAL DRAWINGS PREPARED BY KCA FOR FDOT FINANCIAL PROJECT ID 437498-1-52-01 AND FDOT FINANCIAL PROJECT ID 437498-1-52-02
5. ANY REFERENCE TO SIGNING AND PAVEMENT MARKING PLANS SHALL REFER TO THE SIGNING AND PAVEMENT MARKING PLANS PERPARED BY COMPREHENSIVE ENGINEERING SERVICES, INC. FOR FDOT FINANCIAL PROJECT ID 437498-1-52-01 AND FDOT FINANCIAL PROJECT ID 437498-1-52-02.
6. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND COORDINATE WITH THE CONTRACT DOCUMENTS AND SHOP DRAWINGS.
7. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO CONSTRUCTION AND FABRICATION. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE CONSTRUCTION.
8. THE STRUCTURE HAS BEEN DESIGNED FOR THE LOAD IDENTIFIED WITHIN THESE STRUCTURAL DRAWINGS THAT ARE ANTICIPATED TO BE APPLIED TO THE FINAL STRUCTURE ONCE COMPLETED AND OCCUPIED. THE GENERAL CONTRACTOR SHALL NOT OVERLOAD THE STRUCTURE DURING CONSTRUCTION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE ADEQUACY OF THE STRUCTURE TO SUPPORT ANY APPLIED CONSTRUCTION LOADS, INCLUDING THOSE DUE TO CONSTRUCTION VEHICLE OR EQUIPMENT, MATERIAL HANDLING OR STORAGE, SHORING OR RESHORING, OR ANY OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL SUBMIT CALCULATION SIGNED AND SEALED BY A PROFESSIONAL ENGINEER VERIFYING THE ADEQUACY OF THE STRUCTURE FOR ANY PROPOSED CONSTRUCTION LOADS. THE CONTRACTOR IS RESPONSIBLE TO ENGAGE A LICENSED DESIGN PROFESSIONAL TO CHECK THE STRUCTURE FOR ANY CONSTRUCTION ACTIVITY LOADS APPLIED TO THE STRUCTURE DURING CONSTRUCTION.

7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL PERTINENT LOCAL, STATE, AND FEDERAL BUILDING REGULATIONS.
8. SHOP DRAWINGS:
  - A. THE GENERAL CONTRACTOR SHALL REVIEW EACH SUBMITTAL BEFORE FORWARDING TO THE ARCHITECT AND ENGINEER.
  - B. THE ENGINEER OF RECORD'S REVIEW IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE SITE; FOR INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION, PROCESSES, OR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION; AND FOR COORDINATION OF THE WORK OF ALL TRADES. THE ENGINEER'S APPROVAL OF A SPECIFIC ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.
  - C. CONTRACTOR SHALL PROVIDE SHIPPING METHODOLOGY; RIGGING, ERECTION, AND INSTALLATION DRAWINGS AND METHODOLOGY; AND SITE ERECTION PHASING, IN ACCORDANCE TO ROADWAY PHASING PLANS, FOR REVIEW.

## STRUCTURAL STEEL:

A. STRUCTURAL STEEL ALL STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH ASTM A500, GRADE B FOR HOLLOW SHAPES, ASTM A992 FOR ROLLED SHAPES ASTM A53 GR. B FOR PIPES, AND ASTM A572 GRADE 50 FOR ANGLES AND PLATES UNLESS OTHERWISE NOTED.

B. CHARPY V-NOTCH ALL MEMBERS SUBJECTED TO TENSILE STRESSES IDENTIFIED AS MAIN LOAD CARRYING MEMBERS SHALL BE TESTED IN ACCORDANCE WITH SPECIFICATIONS SECTION 962.

C. STEEL FABRICATION

1. SHOP ASSEMBLIES ARE REQUIRED IN ACCORDANCE WITH SPECIFICATIONS SECTION 460.

D. WELDING

1. PERFORM NON-DESTRUCTIVE TESTING ON WELDS AS REQUIRED BY THE 2020 EDITION OF THE AASHTO/AWS D1.5 BRIDGE WELDING CODE.
2. THE WELD FILLER METAL STRENGTH FOR FILLET WELDS SHALL BE  $F_{EXX} = 70$  KSI.
3. FIELD WELDING TO ANY STRUCTURAL STEEL FOR THE PURPOSE OF ATTACHING ERECTION HARDWARE OR FOR ANCHORING CONDUITS/BOXES FOR BOX LIGHTING SHALL BE FORMALLY SUBMITTED TO THE ENGINEER FOR APPROVAL.

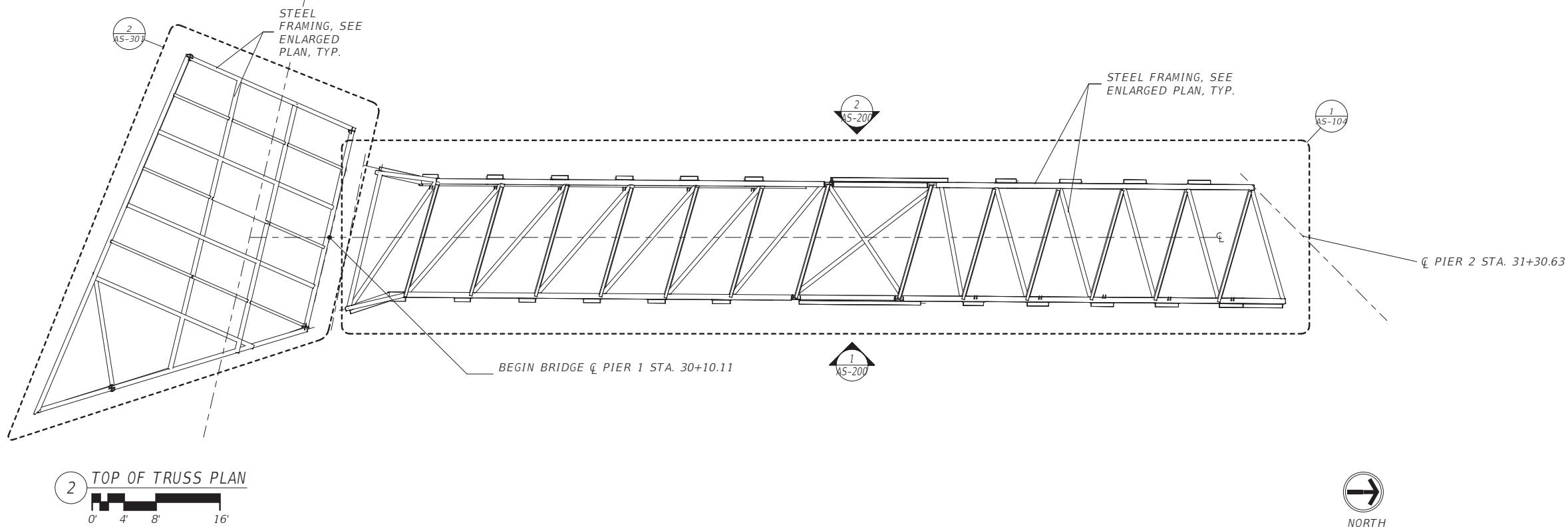
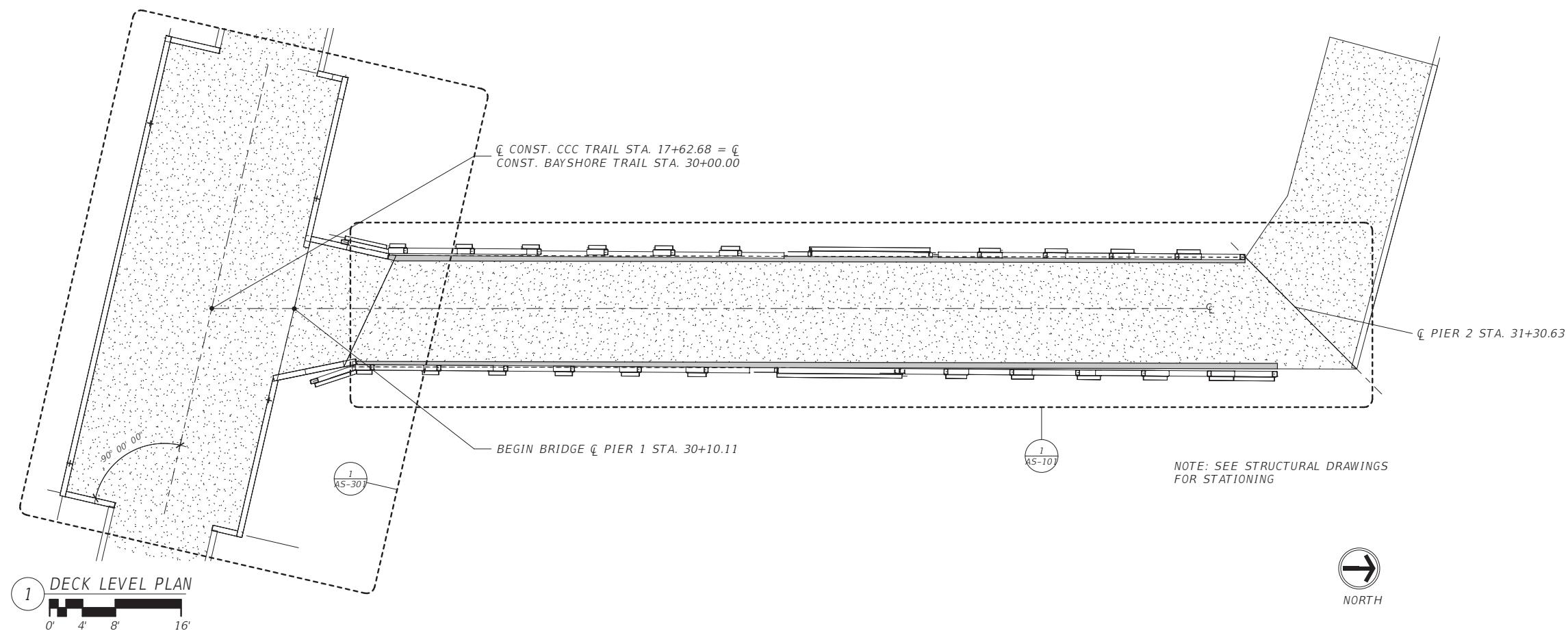
## E. BOLTED CONNECTIONS

ALL BOLTED CONNECTIONS SHALL BE MADE WITH 3/4" DIAMETER HIGH STRENGTH BOLTS IN ACCORDANCE WITH ASTM F3125 GRADE A325, TYPE 1 UNLESS OTHERWISE SHOWN. ALL BOLT HOLES SHALL BE BOLT DIAMETER PLUS 1/16" DIAMETER UNLESS OTHERWISE SHOWN. THREADS SHALL BE EXCLUDED FROM THE SHEAR PLANE FOR PLATE THICKNESS OF  $\frac{3}{4}$ " OR GREATER ADJACENT TO THE NUT. BOLT HEADS SHALL BE ON THE EXTERIOR/EXPOSED FACE OF THE MEMBERS.

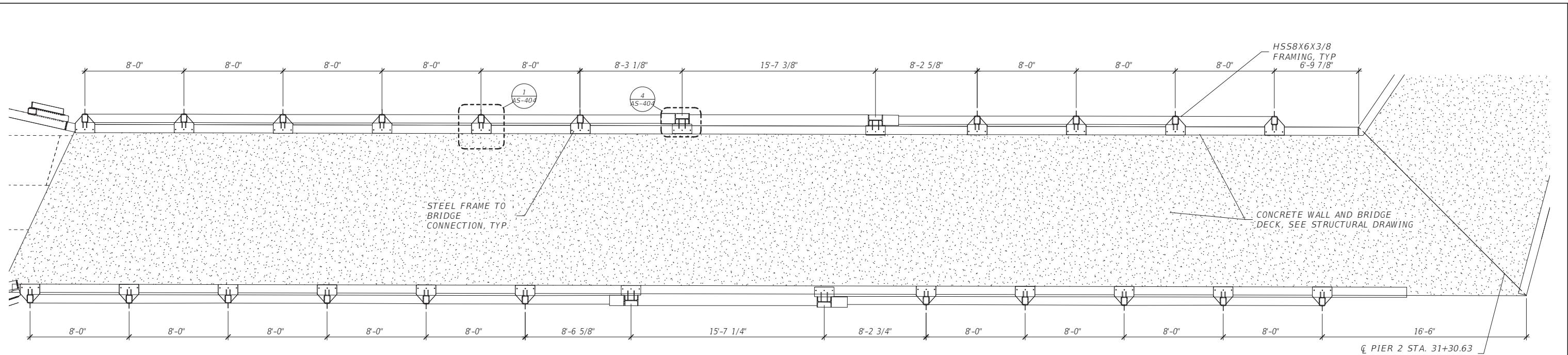
#### *F. PAINTING*

SEE ARCHITECTURAL DRAWINGS FOR FINISH/PAINTING SPECIFICATIONS.

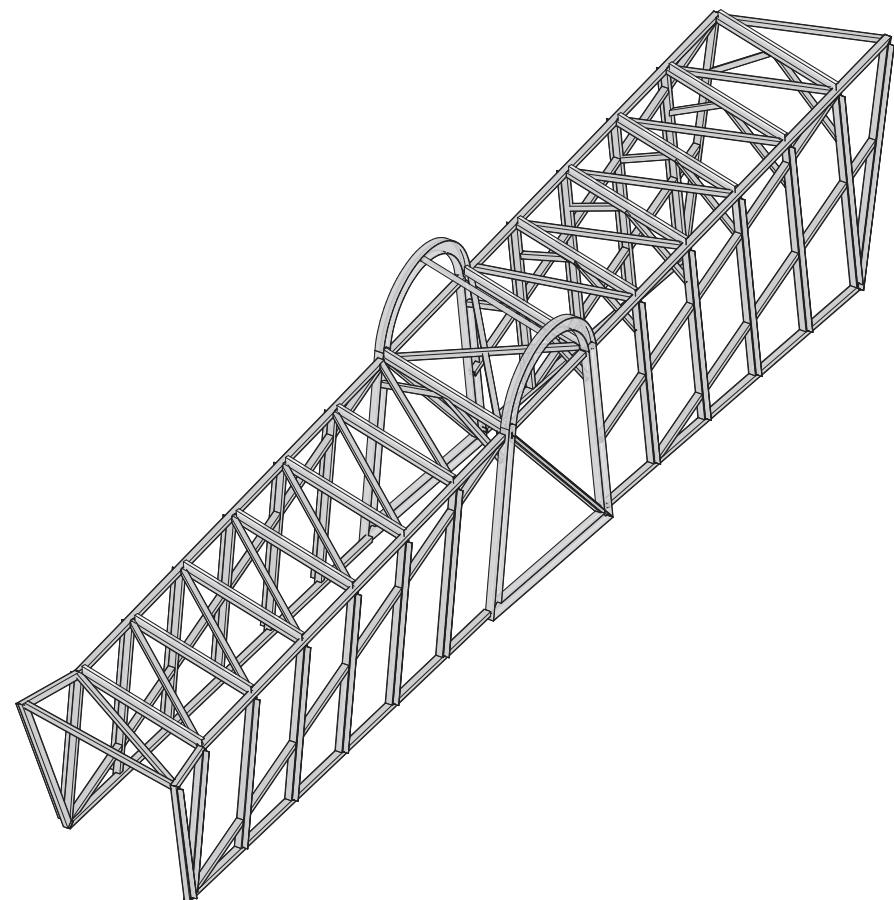
No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	STRUCTURAL NOTES	DWG NO. AS-001	
			WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO. SHEET NO.
				SR 60	PINELLAS	437498-1-52-02	



No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	OVERALL BRIDGE PLAN	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID				AS-100
SR 60	PINELLAS	437498-1-52-02				SHEET NO.



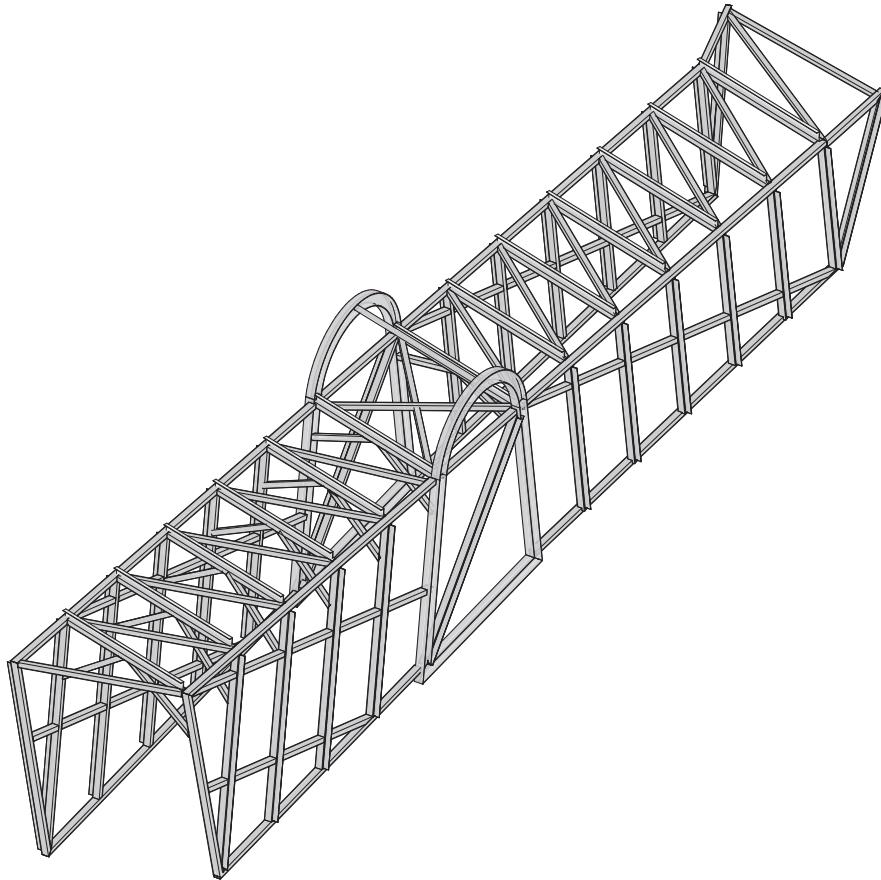
No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRIDGE DECK LEVEL	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID						AS-101
SR 60	PINELLAS	437498-1-52-02						SHEET NO.



1 ISOMETRIC VIEW LOOKING NORTHWEST



NORTH

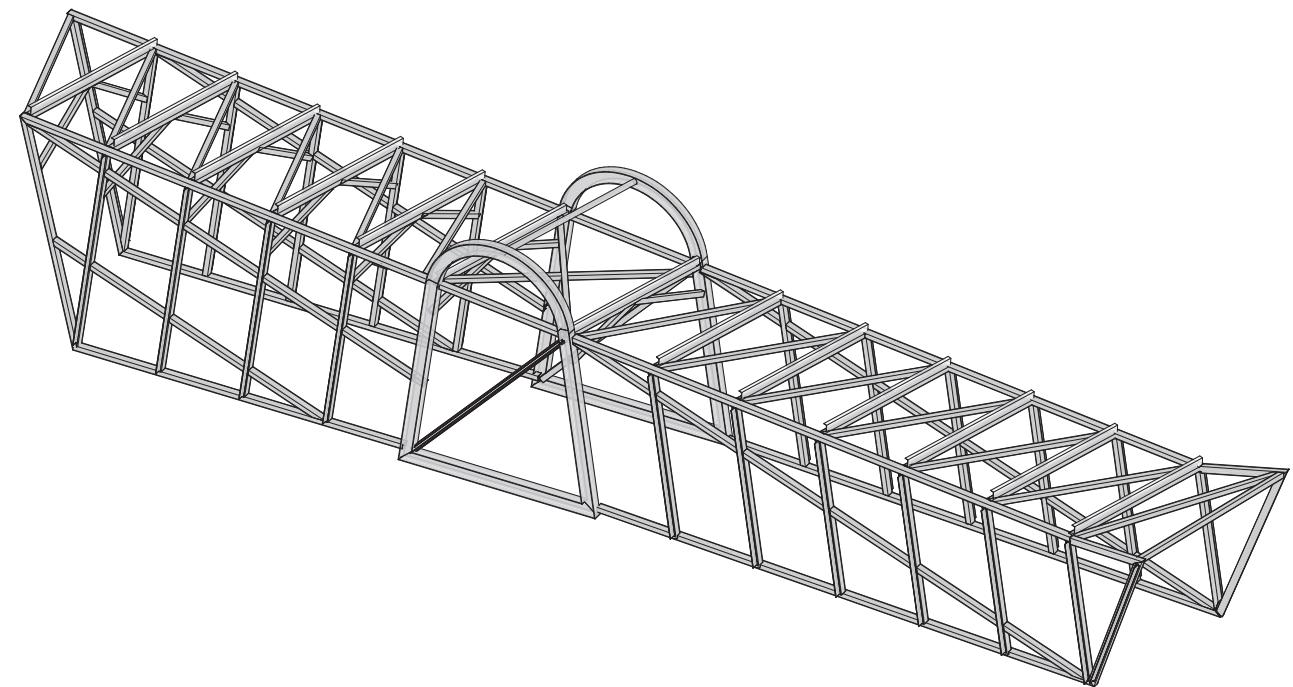


2 ISOMETRIC VIEW LOOKING SOUTHEAST



NORTH

No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ISO-BRIDGE (1)	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		AS-102	SHEET NO.			
SR 60	PINELLAS	437498-1-52-02						

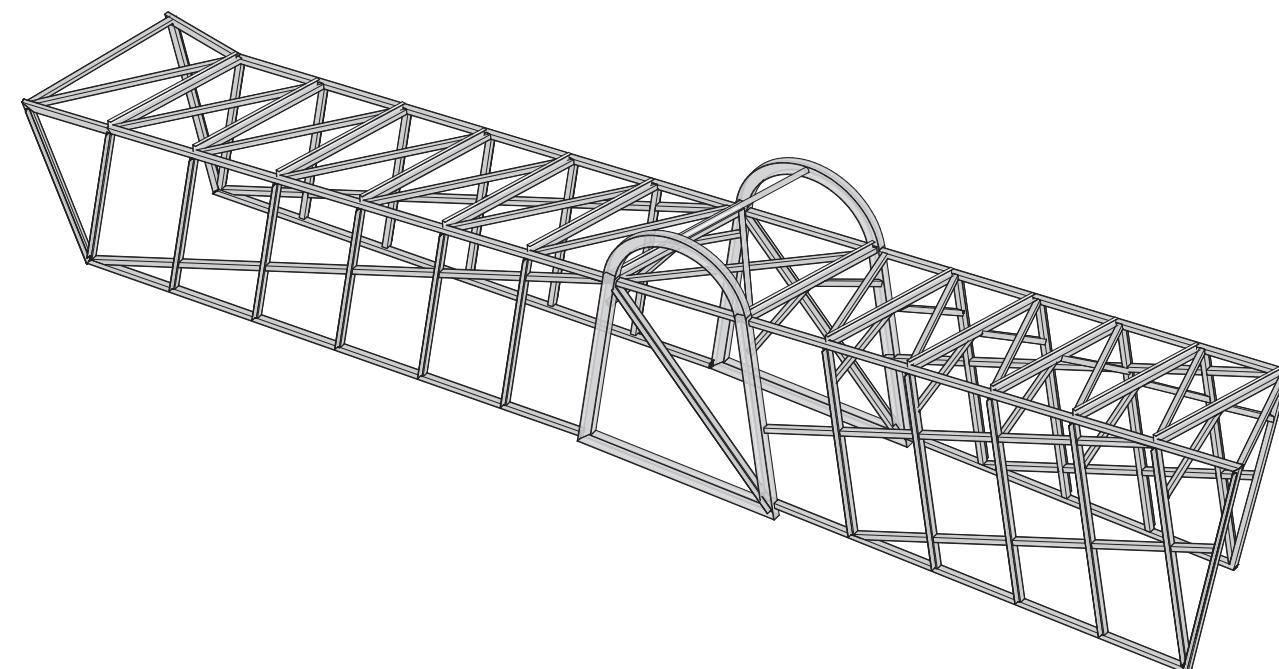


1 ISOMETRIC VIEW LOOKING NORTHEAST

0' 4' 8' 16'



NORTH



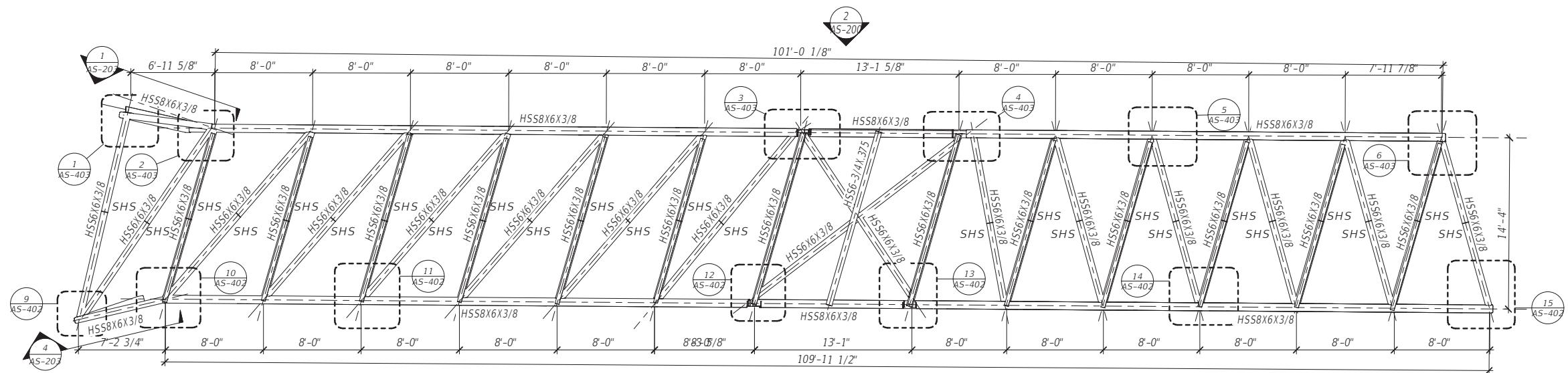
2 ISOMETRIC VIEW LOOKING SOUTHWEST

0' 4' 8' 16'



NORTH

No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ISO-BRIDGE (2)	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID						AS-103
SR 60	PINELLAS	437498-1-52-02						SHEET NO.



1 TOP TRUSS FRAMING PLAN

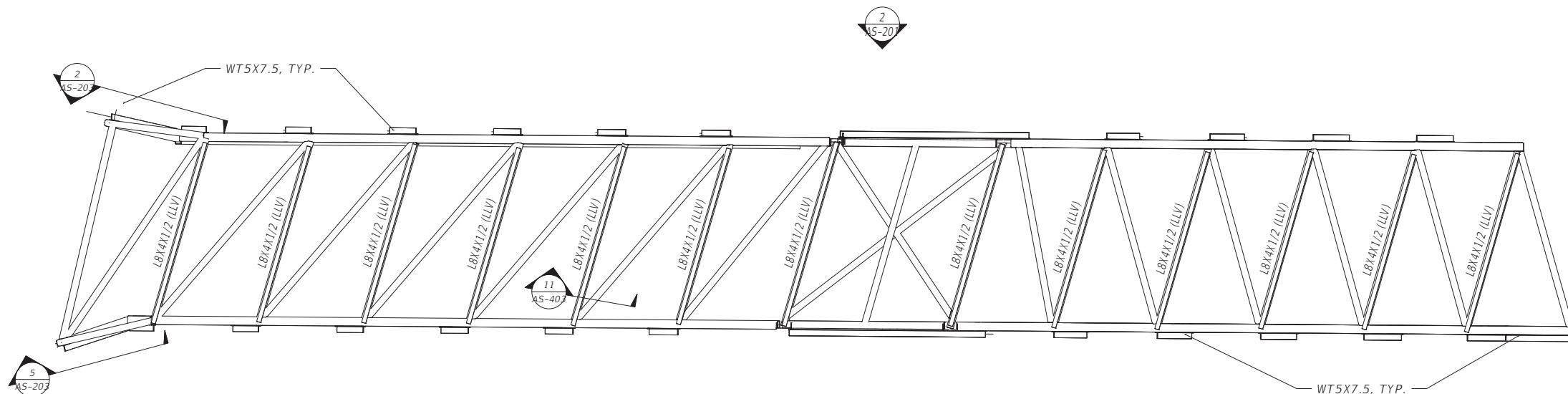
0 4' 8' 16'

**NOTES:**

1. CLADDING SUPPORTS AND CLADDING NOT SHOWN FOR CLARITY. SEE 2/AS-104 AND SHEET AS-105 FOR CLADDING SUPPORTS AND CLADDING, RESPECTIVELY.
2. SHS DENOTES WELDED SHOP SPLICE. SHOP SPLICES SHALL BE FULL PENETRATION WELDS ALL AROUND, GROUNDED SMOOTH



NORTH



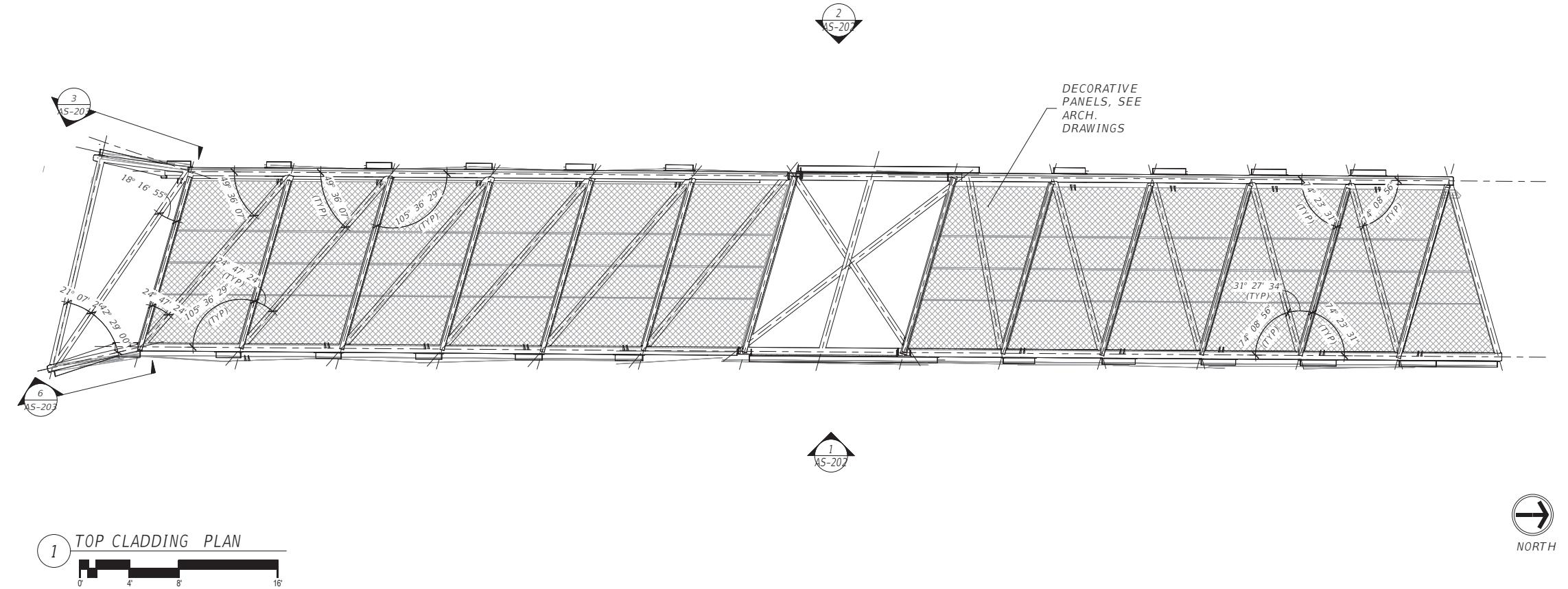
2 TOP CLADDING SUPPORT FRAMING PLAN

0 4' 8' 16'

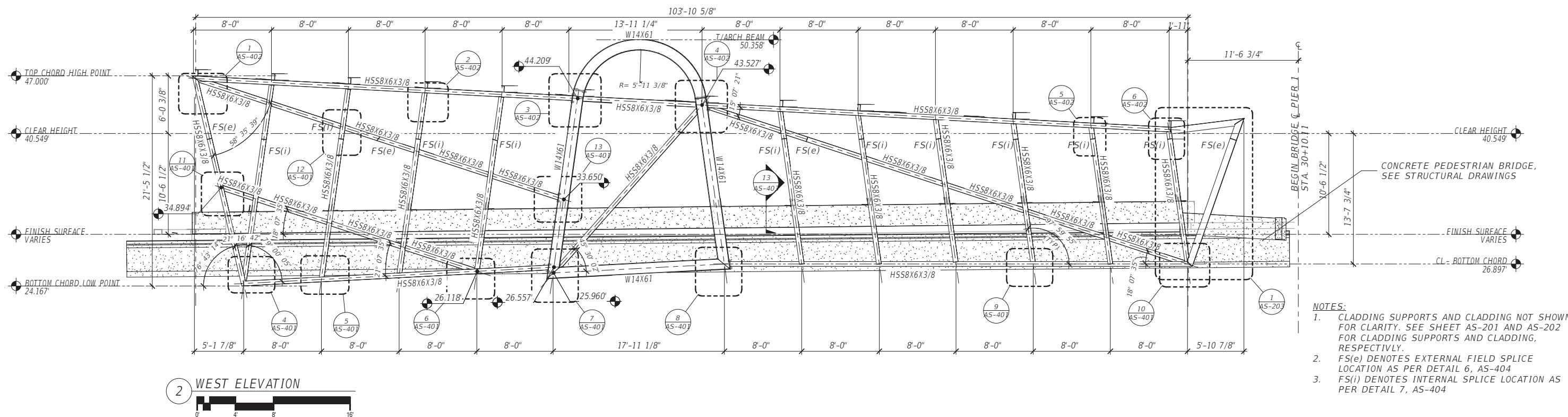
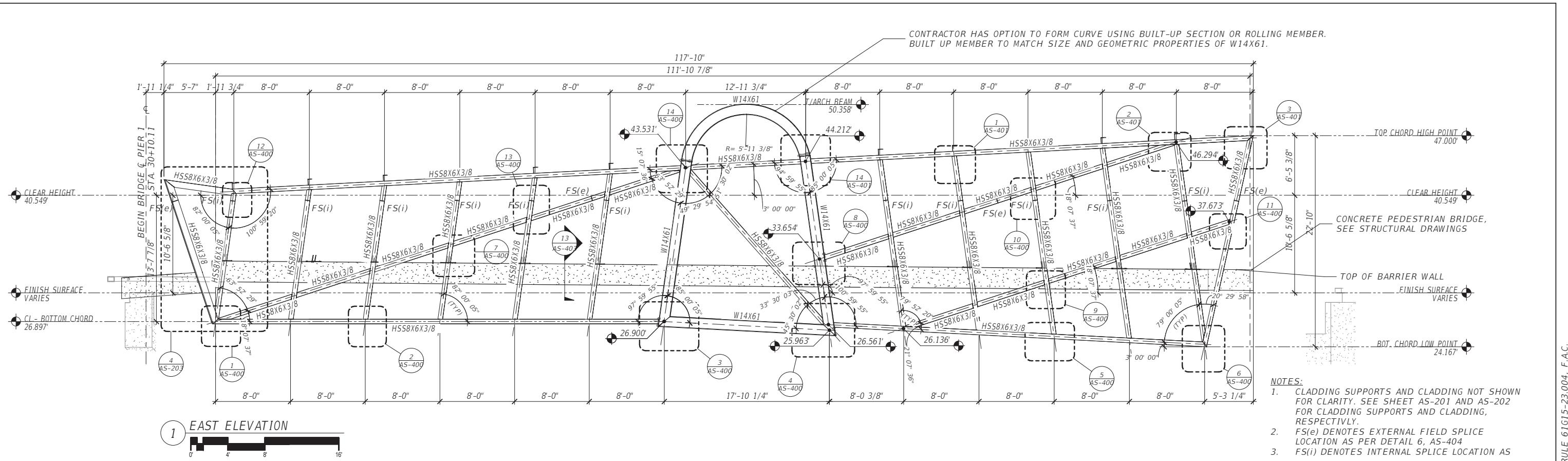


NORTH

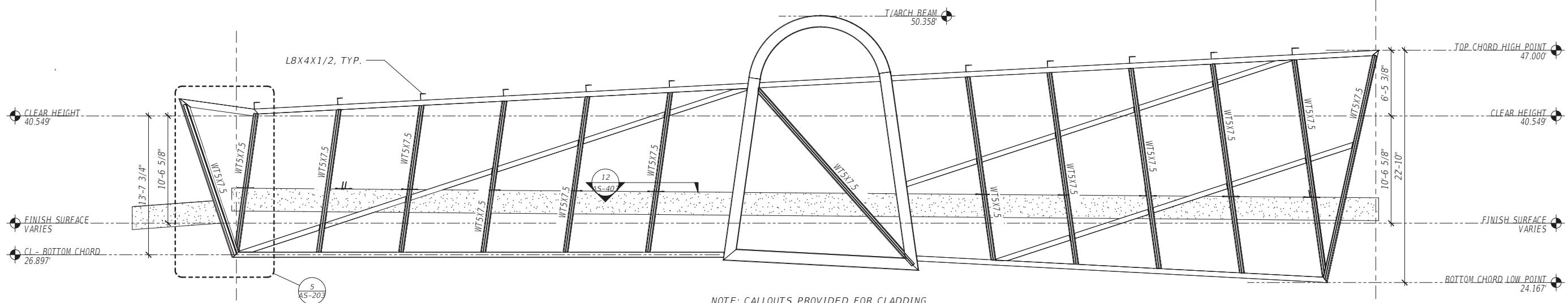
No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	DWG NO. AS-104 SHEET NO. BRIDGE TOP OF TRUSS (1)
ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
SR 60	PINELLAS	437498-1-52-02			



No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRIDGE TOP OF TRUSS (2)	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID						AS-105
SR 60	PINELLAS	437498-1-52-02						SHEET NO.

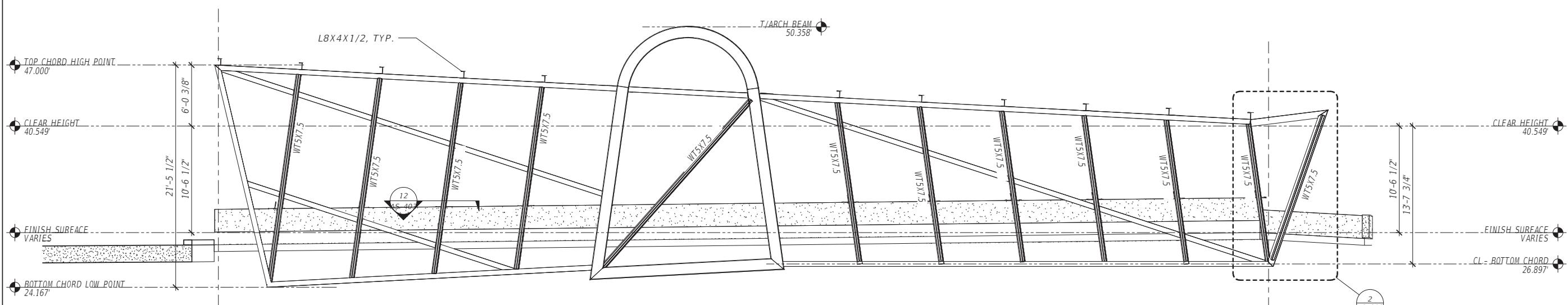


No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DWG NO. AS-200  SHEET NO. 1
ROAD NO.	COUNTY	FINANCIAL PROJECT ID					
SR 60	PINELLAS	437498-1-52-02		BRIDGE ELEVATIONS (1)			



1 EAST CLADDING SUPPORT FRAMING ELEVATION

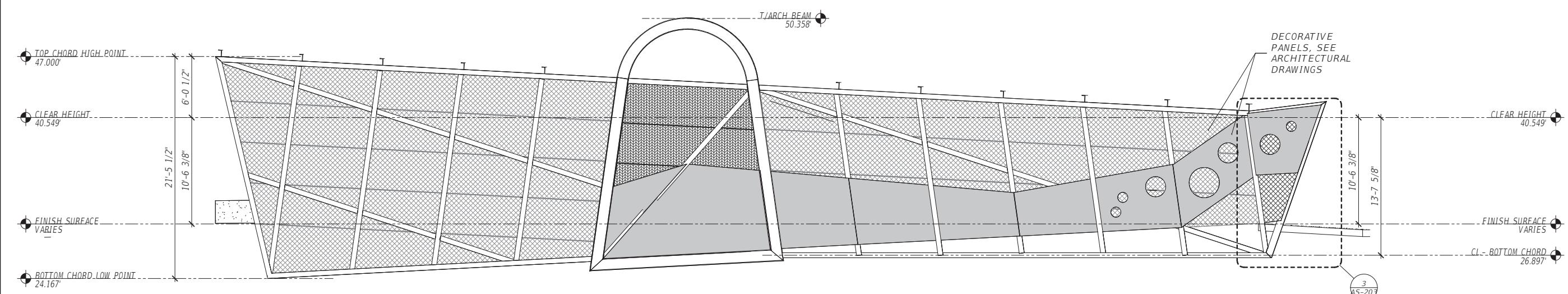
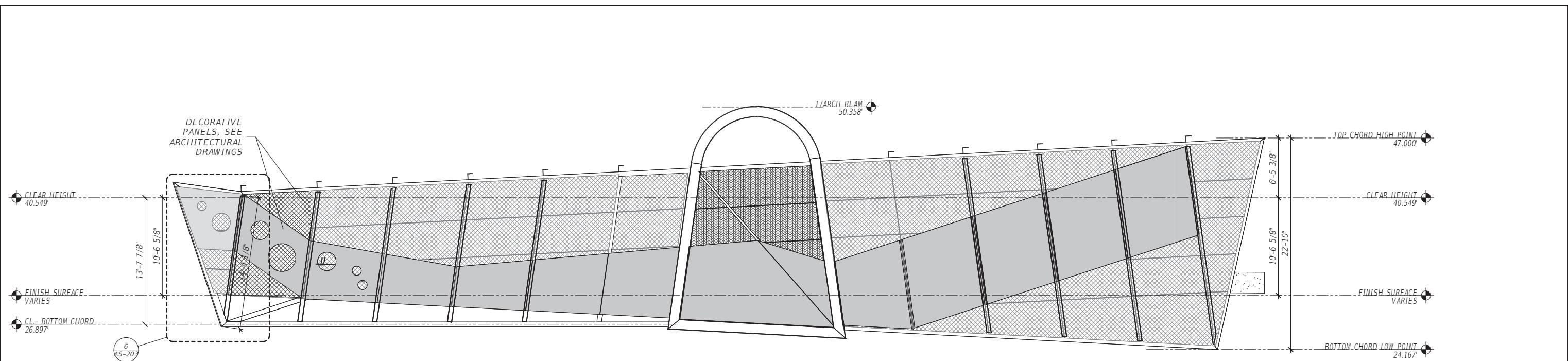
NOTE: CALLOUTS PROVIDED FOR CLADDIN SUPPORT FRAMING ONLY, SEE SHEET AS-200 FOR STRUCTURAL FRAMING



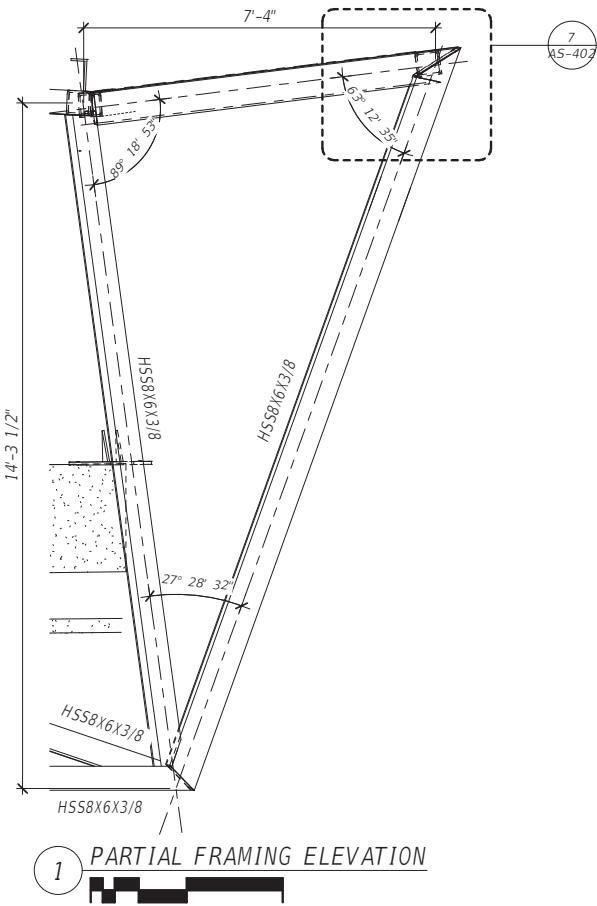
2 WEST CLADDING SUPPORT FRAMING ELEVATION

NOTE: CALLOUTS PROVIDED FOR  
CLADDING SUPPORT FRAMING ONLY  
SEE SHEET AS-200 FOR STRUCTURAL  
FRAMING

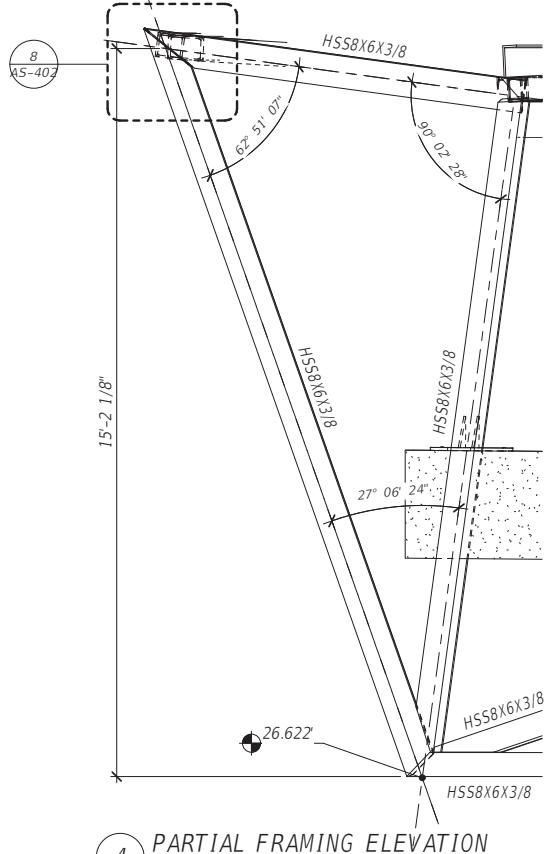
No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE7697)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	DWG NO. AS-201	
		WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
			SR 60	PINELLAS	437498-1-52-02	BRIDGE ELEVATIONS (2)



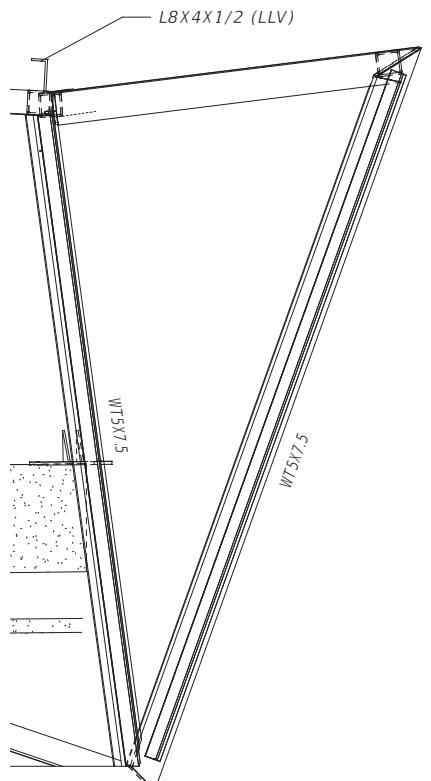
No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRIDGE ELEVATIONS (3)	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID						AS-202
SR 60	PINELLAS	437498-1-52-02						SHEET NO.



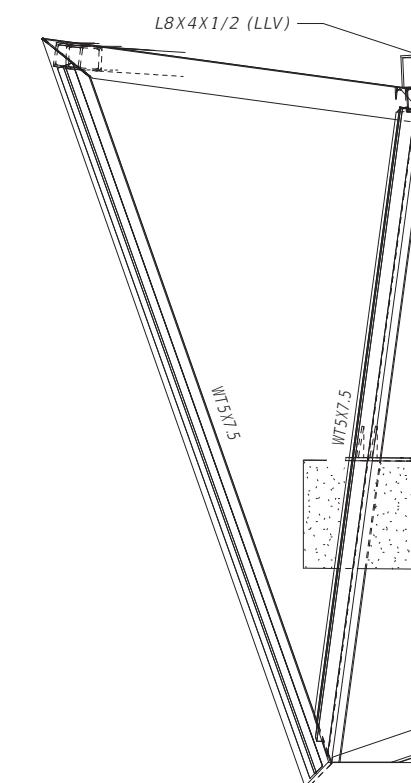
1 PARTIAL FRAMING ELEVATION



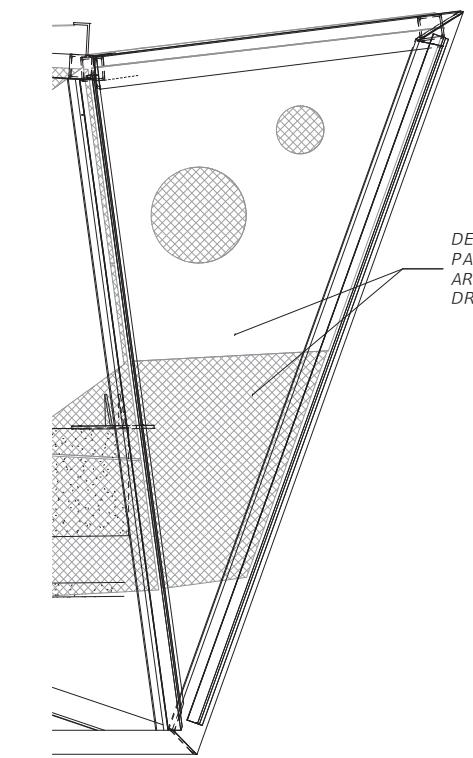
4 PARTIAL FRAMING ELEVATION



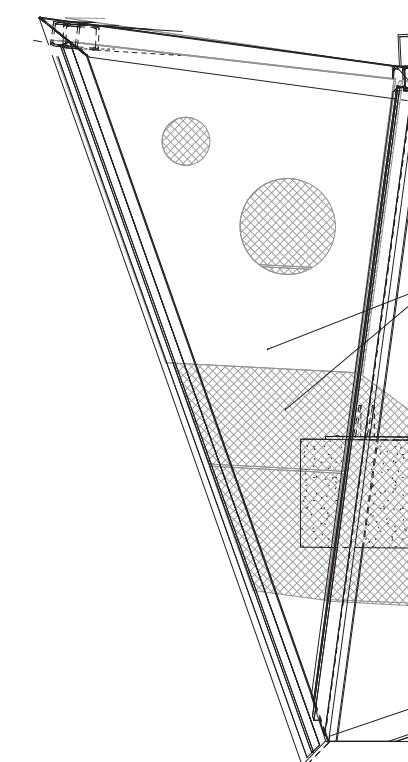
2 PARTIAL CLADDING SUPPORT ELEVATION



5 PARTIAL CLADDING SUPPORT ELEVATION



3 PARTIAL CLADDING ELEVATION



6 PARTIAL CLADDING ELEVATION

No.	Date	Issue / Revision

CHRIS LAFORTE, PE  
Professional Engineer - FL  
(PE76797)  
WGI, INC.  
2035 Vista Parkway, West Palm Beach, FL 33411  
561.687.2220

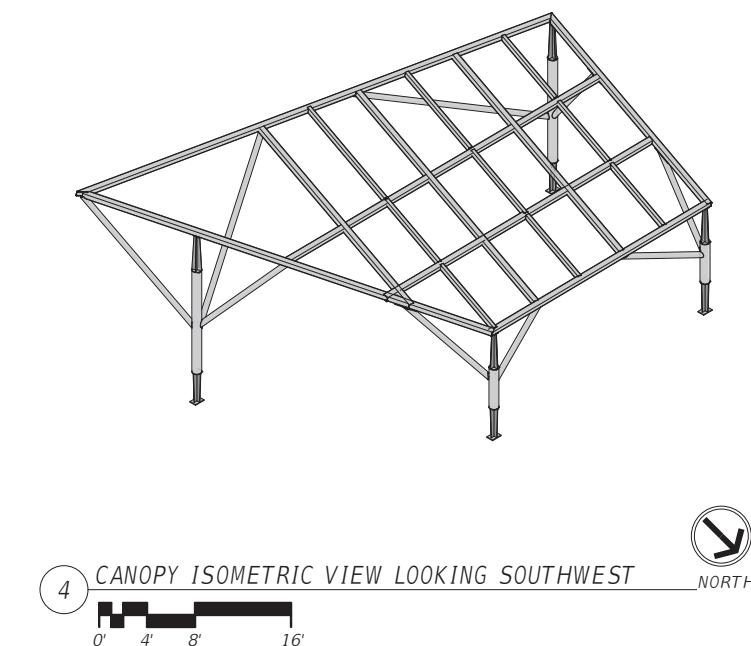
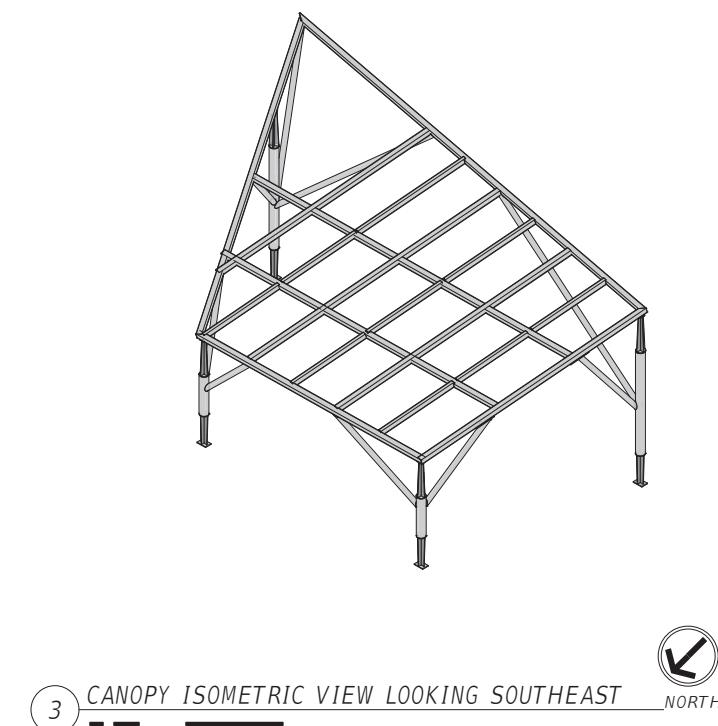
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID

SR 60 PINELLAS 437498-1-52-02

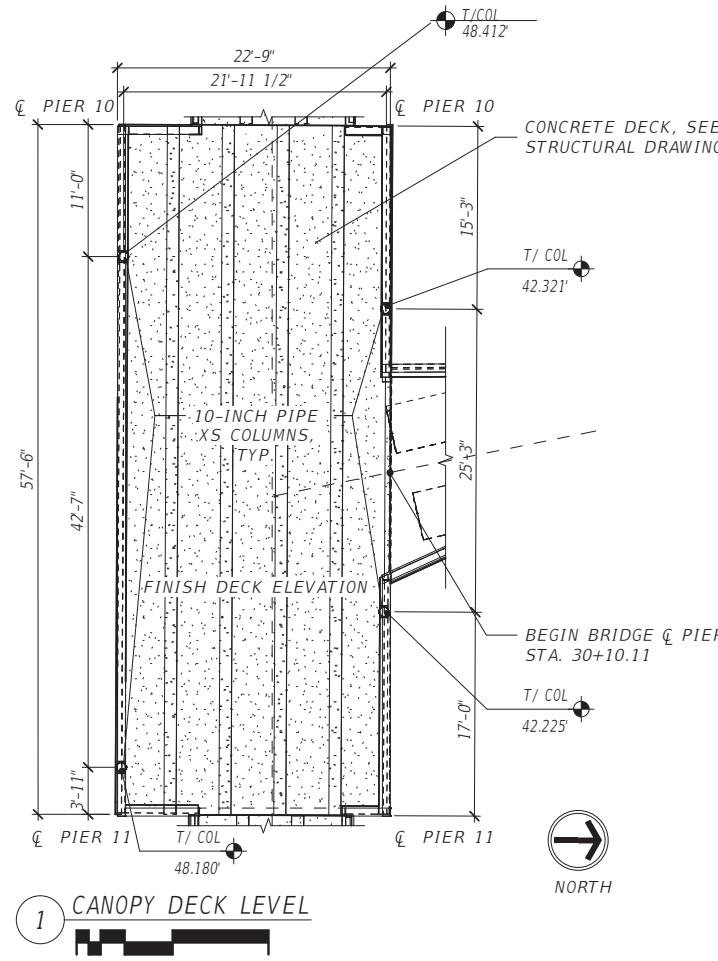
DWG NO.
AS-203
SHEET NO.

BRIDGE ELEVATIONS (4)



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

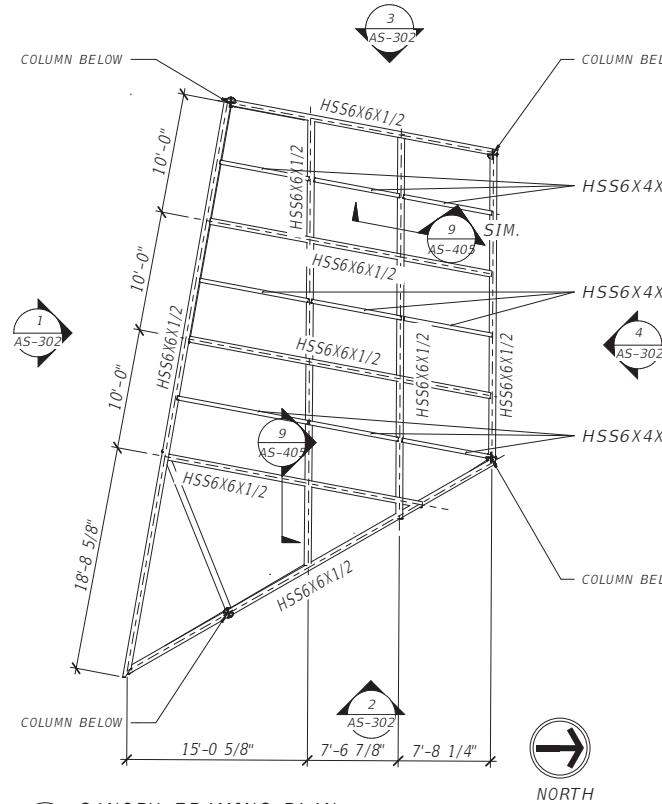
No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ISO-BRIDGE CANOPY	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID				AS-300
SR 60	PINELLAS	437498-1-52-02				SHEET NO.



NOT

**NOTES:**

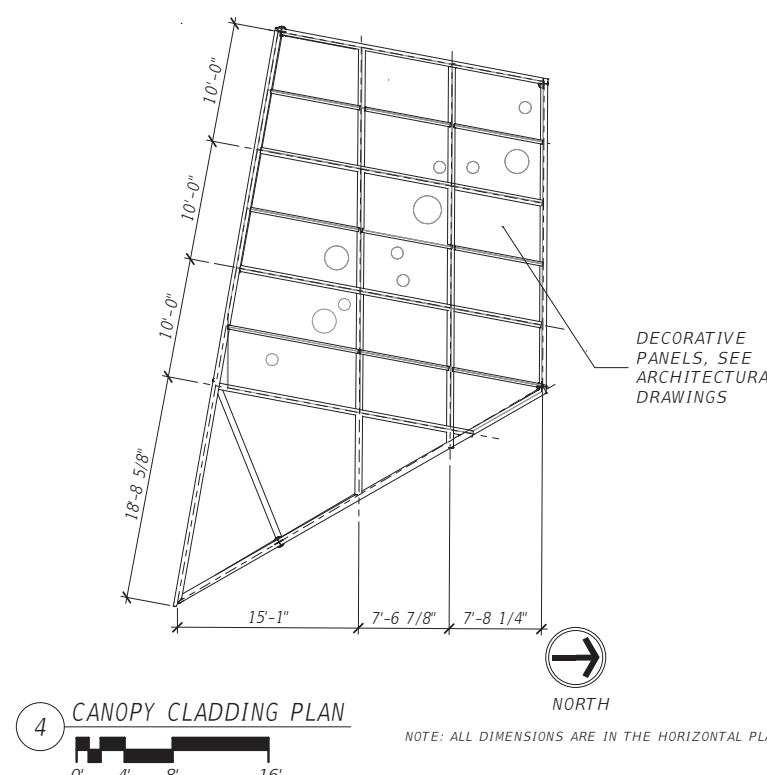
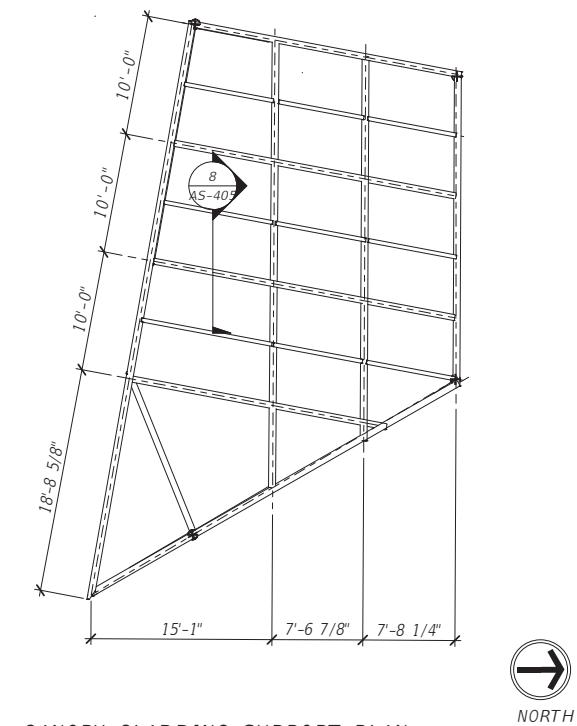
1. CLADDING SUPPORTS AND CLADDING NOT SHOWN FOR CLARITY. SEE PLAN VIEW 3 AND (THIS SHEET) FOR CLADDING SUPPORTS AND CLADDING, RESPECTIVELY.
2. ALL DIMENSIONS ARE IN THE HORIZONTAL PLANE.



NO

**NOTES:**

1. CALLOUTS PROVIDED FOR CLADDING SUPPORT FRAMING ONLY, SEE PLAN VIEW 2 (THIS SHEET) FOR STRUCTURAL FRAMING.
2. ALL DIMENSIONS ARE IN THE HORIZONTAL PLANE.



NOTE: ALL DIMENSIONS ARE IN THE HORIZONTAL PLANE.

No.	Date	Issue / Revision

CHRIS LAFORTE, PE  
Professional Engineer - 1  
(PE76797)

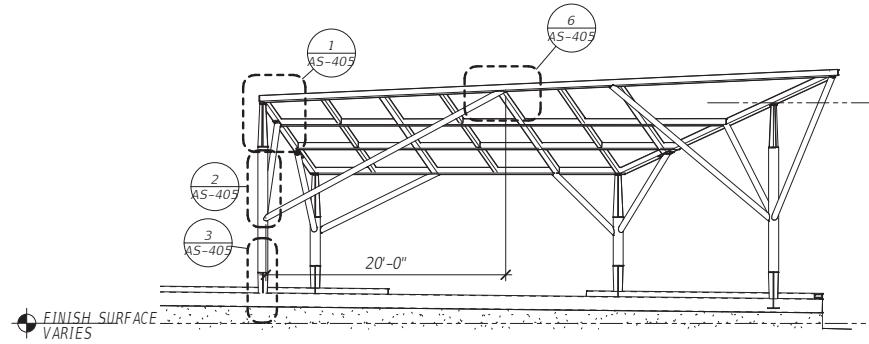
*WGI, INC.*  
2035 Vista Parkway, West Palm Beach, FL 33415  
561.687.2220

*STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION*

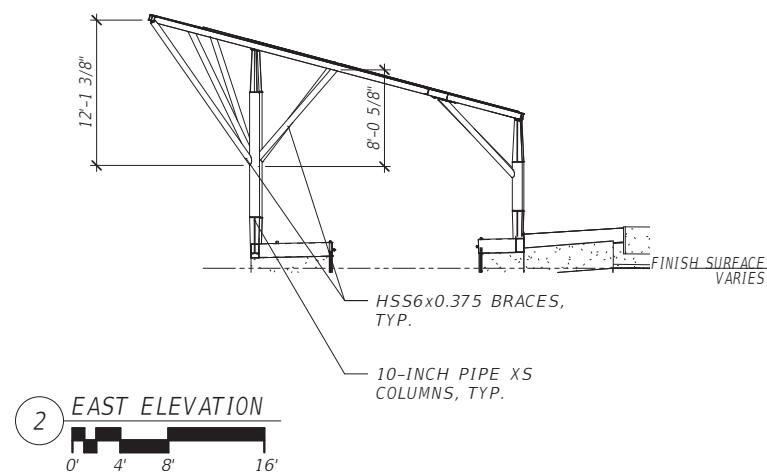
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 60	PINELLAS	437498-1-52-02

### *BRIDGE CANOPY (1)*

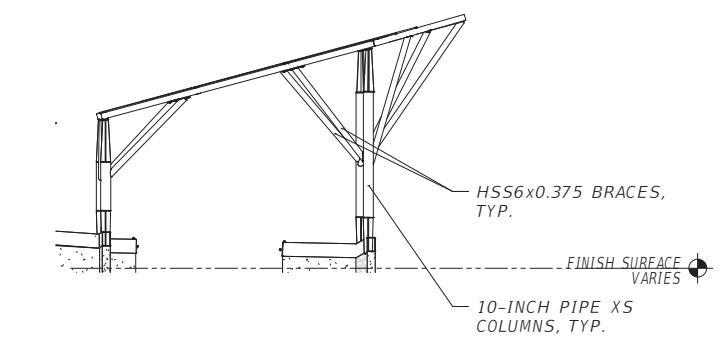
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



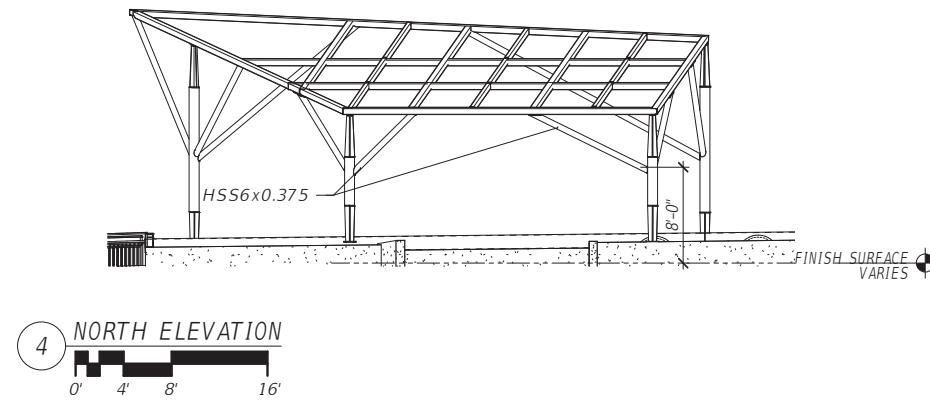
1 SOUTH ELEVATION  
0' 4' 8' 16'



2 EAST ELEVATION  
0' 4' 8' 16'

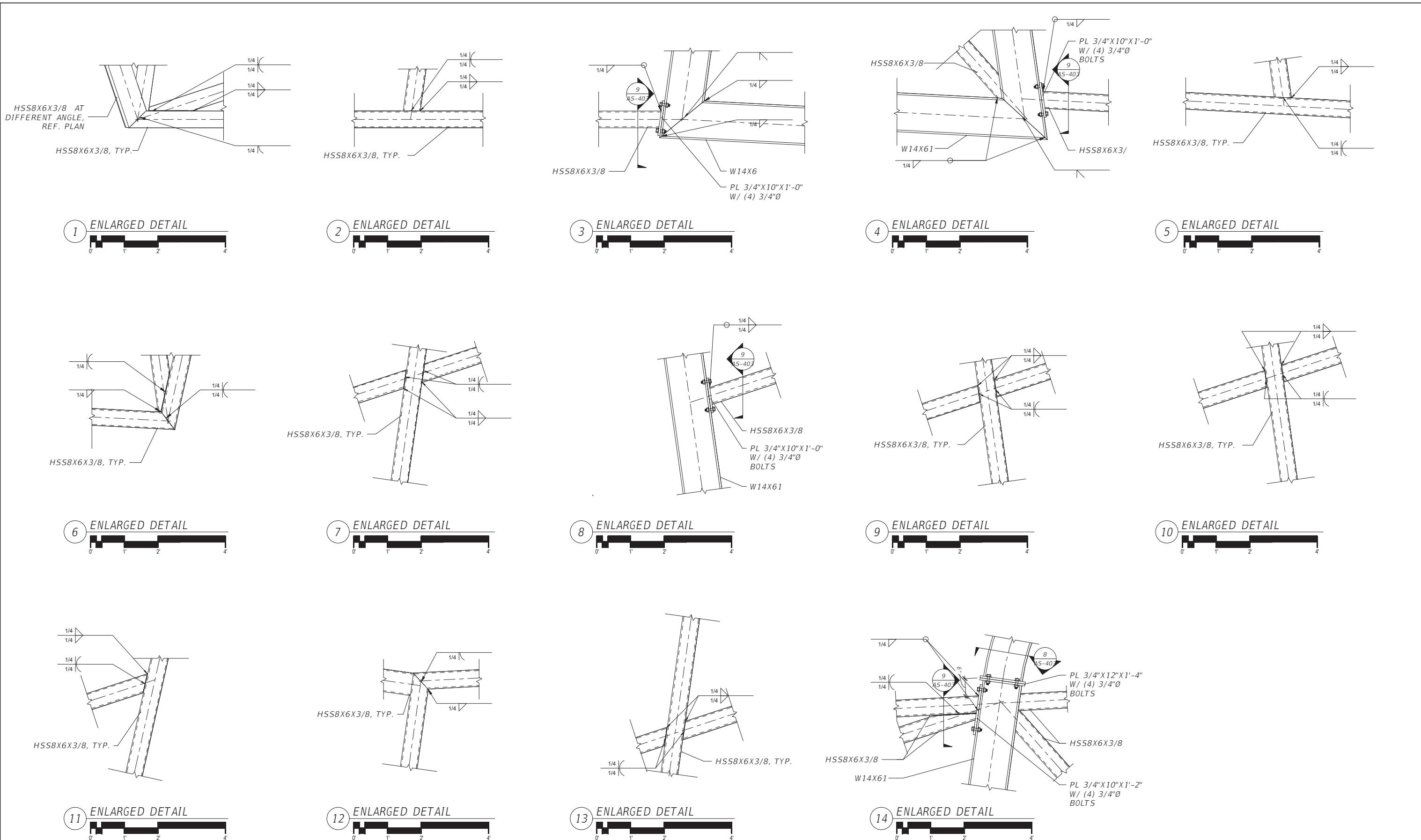


3 WEST ELEVATION  
0' 4' 8' 16'



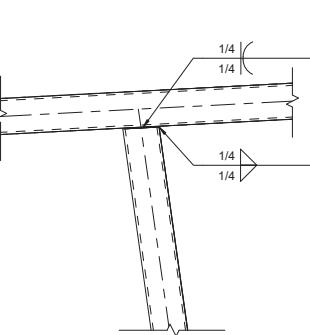
4 NORTH ELEVATION  
0' 4' 8' 16'

No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DWG NO. AS-302  BRIDGE CANOPY (2)  SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID					
SR 60	PINELLAS	437498-1-52-02					

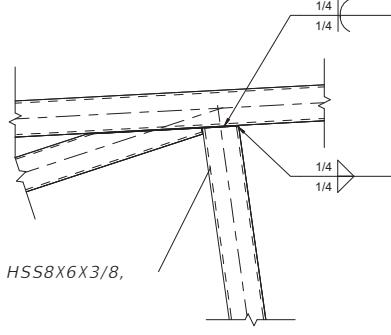


No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	STEEL TRUSS DETAILS (1)	DWG NO. AS-400 SHEET NO.
			WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220		SR 60	PINELLAS	437498-1-52-02		

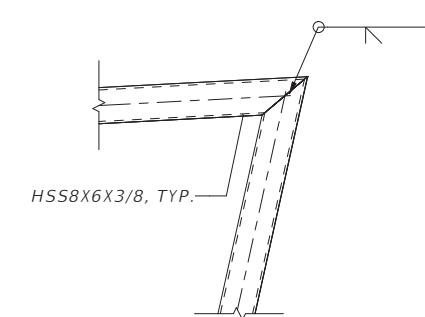
1 ENLARGED DETAIL



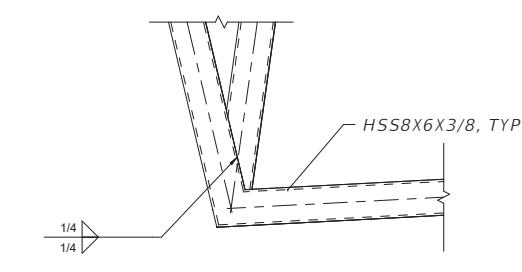
2 ENLARGED DETAIL



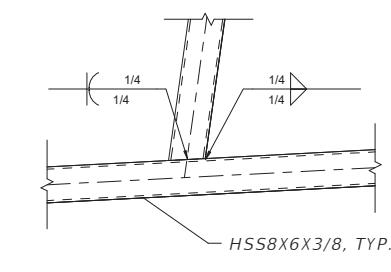
3 ENLARGED DETAIL



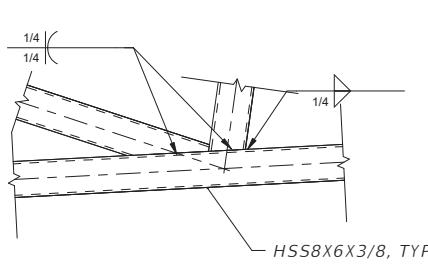
4 ENLARGED DETAIL



5 ENLARGED DETAIL



HSS8X6X3/8



HSS8X6X3/8, TYP.

W 14X6

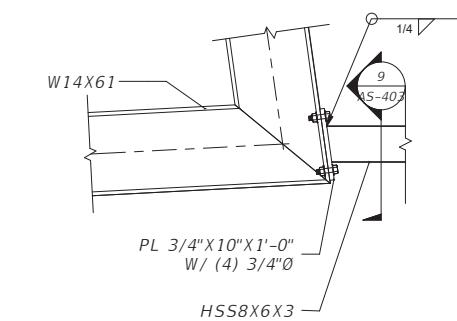
PL 3/4"X10"X1'-0"  
W/ (4) 3/4"Ø  
BOLTS

1/4

1/4

1/4

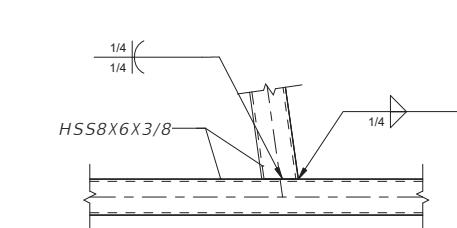
1/4



W 14X61

PL 3/4"X10"X1'-0"  
W/ (4) 3/4"Ø  
BOLTS

HSS8X6X3

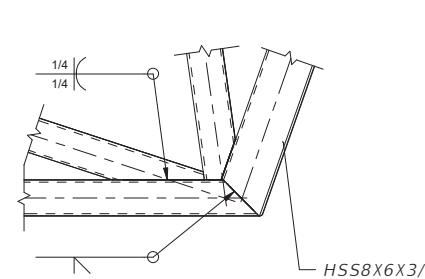


1/4

1/4

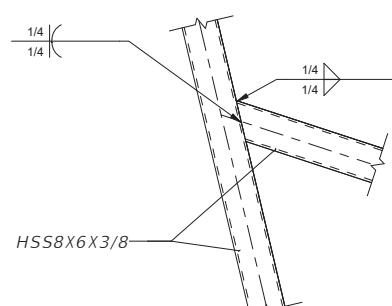
1/4

1/4

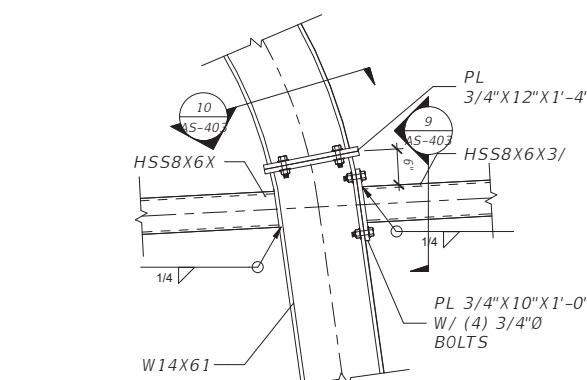
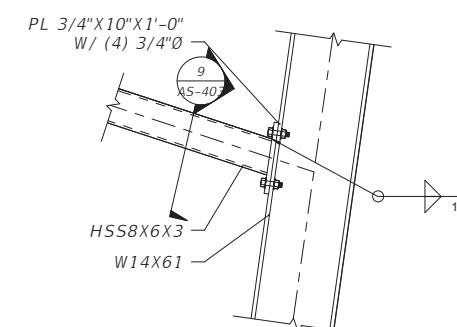
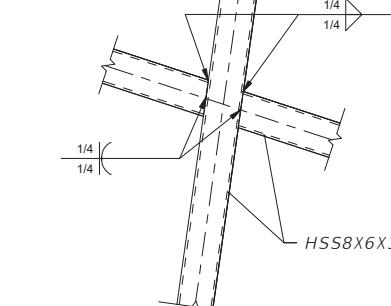


HSS8X6X3/8, TYP.

6 ENLARGED DETAIL



11 ENLARGED DETAIL



No.	Date	Issue / Revision

CHRIS LAFORTE, PE  
Professional Engineer - FL  
(PE76797)

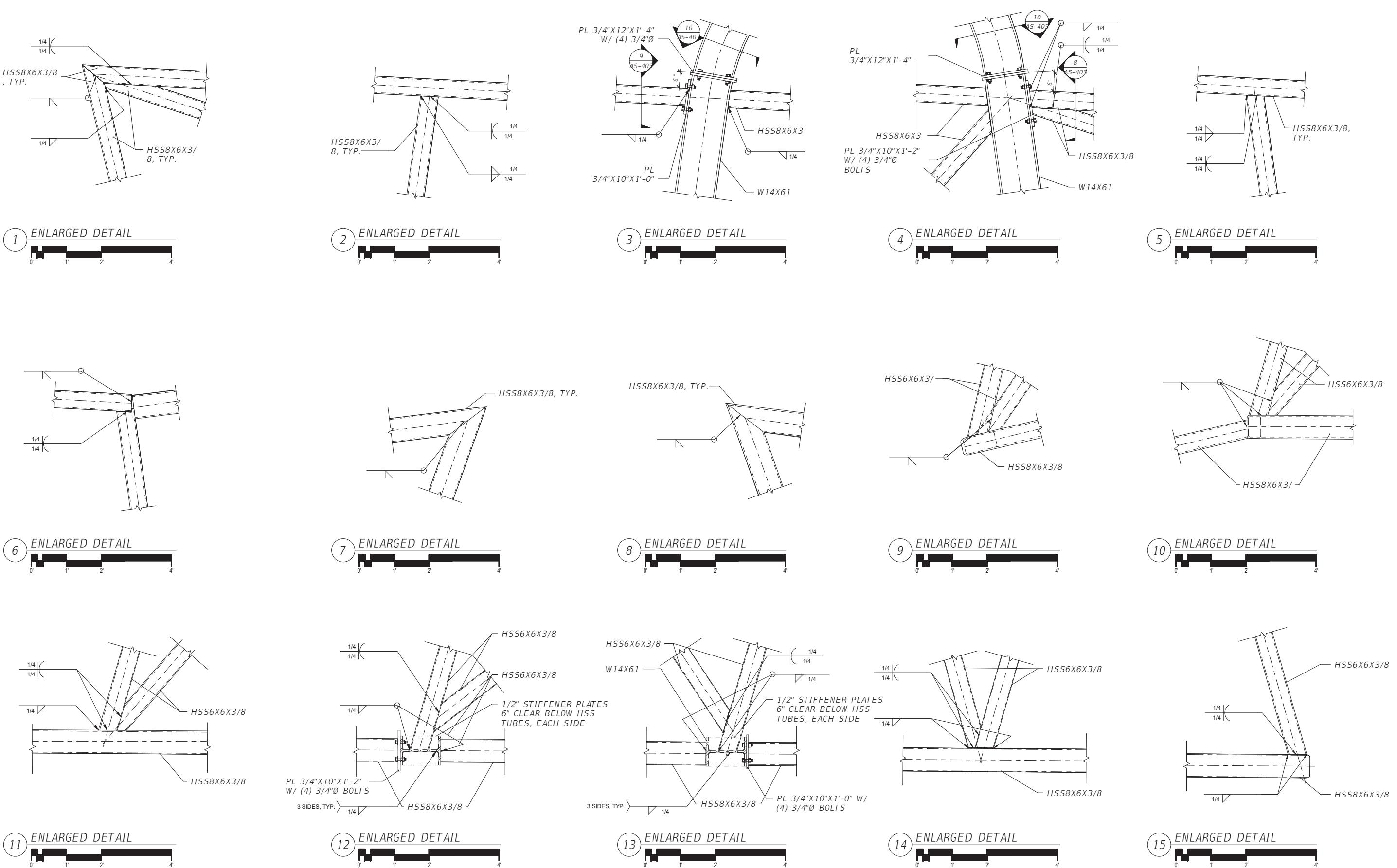
WGI, INC.  
2035 Vista Parkway, West Palm Beach, FL 33411  
561.687.2220

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

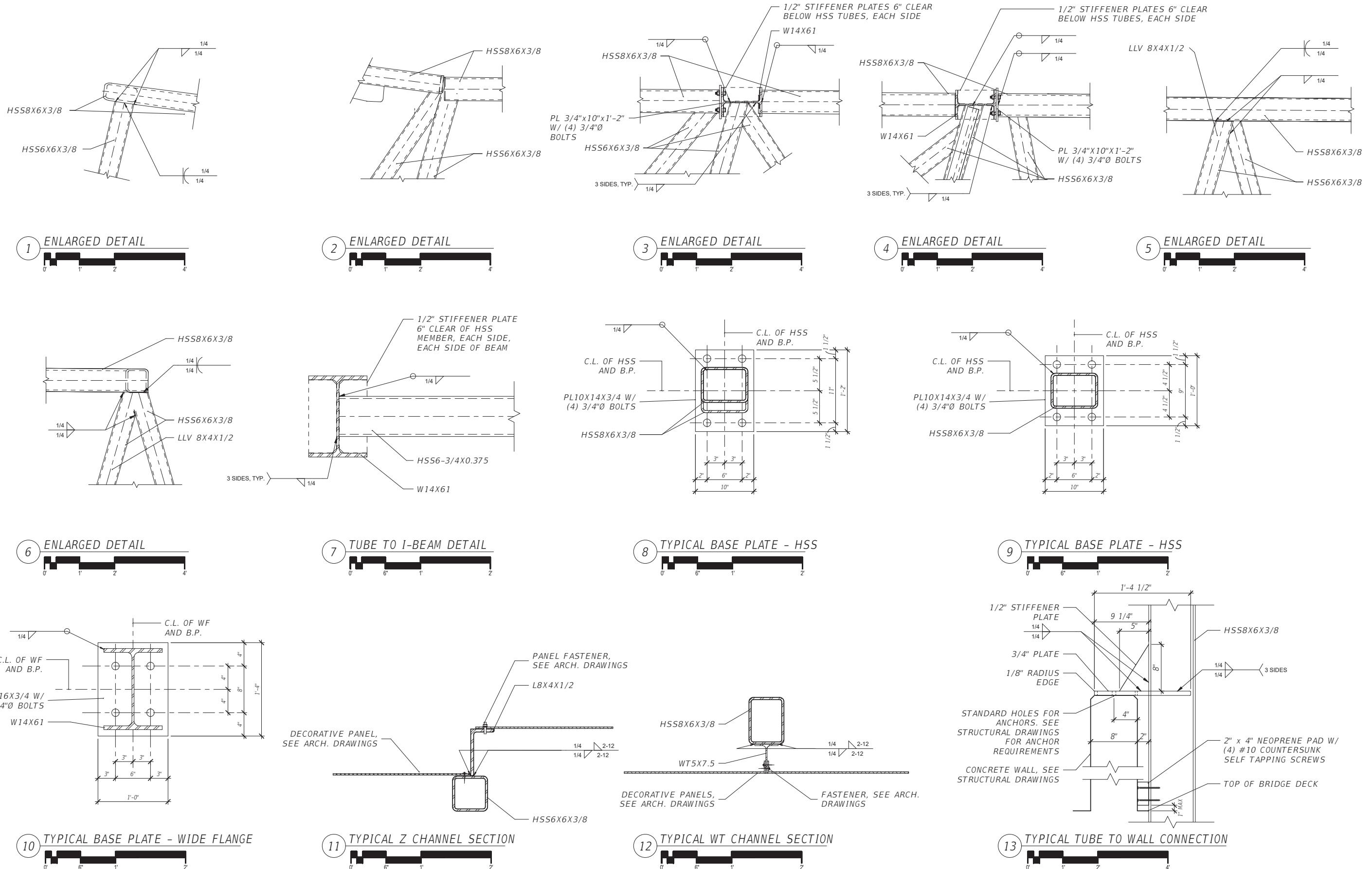
ROAD NO. COUNTY FINANCIAL PROJECT ID  
SR 60 PINELLAS 437498-1-52-02

STEEL TRUSS DETAILS (2)

DWG NO.
AS-401
SHEET NO.



No.	Date	Issue / Revision	CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)  WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DWG NO.				
STEEL TRUSS DETAILS (3)							AS-402					
							SHEET NO.					
SR 60	PINELLAS	437498-1-52-02										



No.	Date	Issue / Revision

CHRIS LAFORTE, PE  
Professional Engineer - FL  
(PE76797)

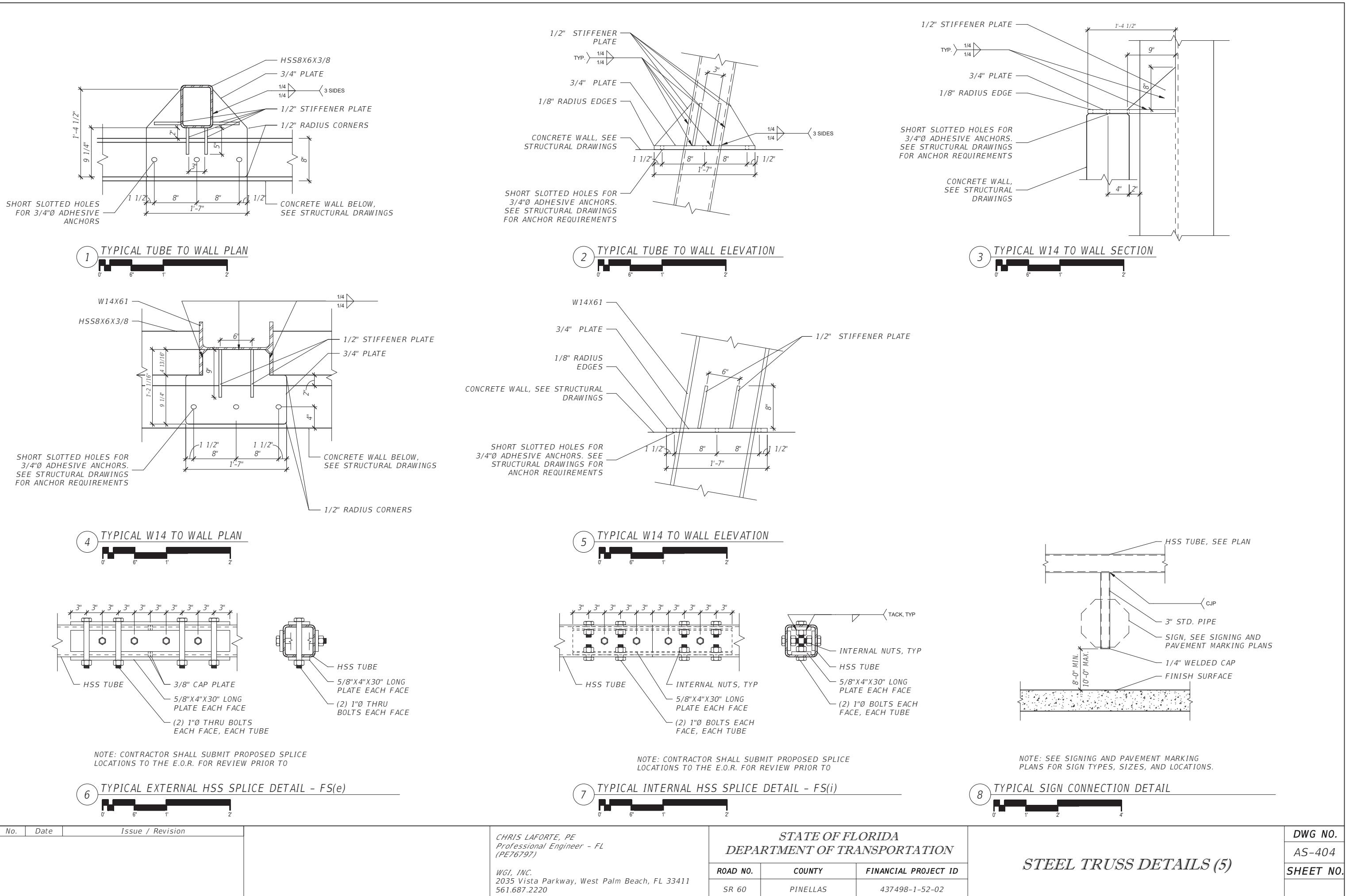
WGI, INC.  
2035 Vista Parkway, West Palm Beach, FL 33411  
561.687.2220

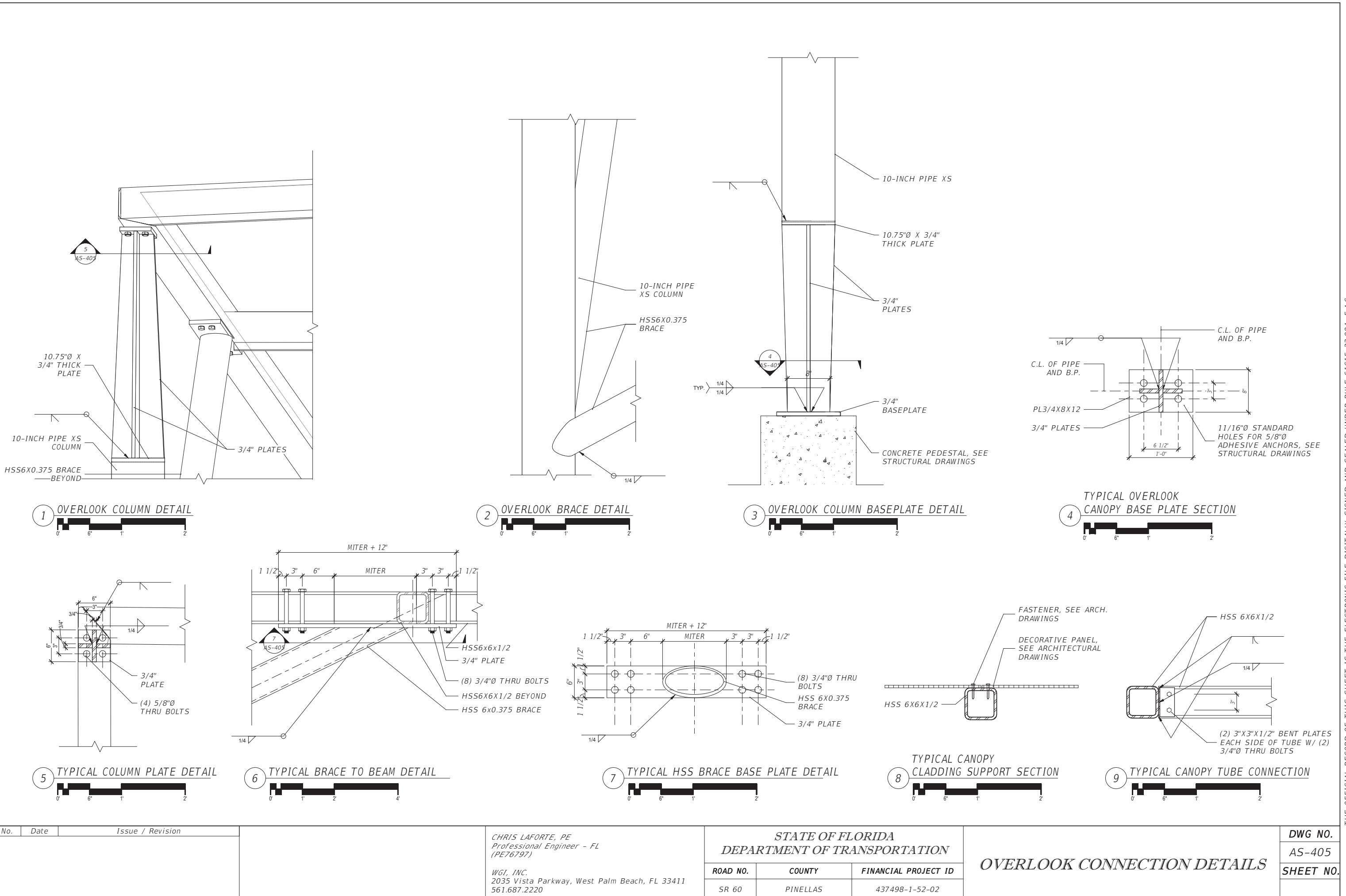
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

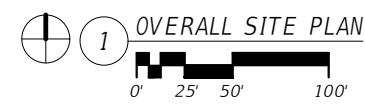
ROAD NO. COUNTY FINANCIAL PROJECT ID  
SR 60 PINELLAS 437498-1-52-02

STEEL TRUSS DETAILS (4)

DWG NO.
AS-403
SHEET NO.



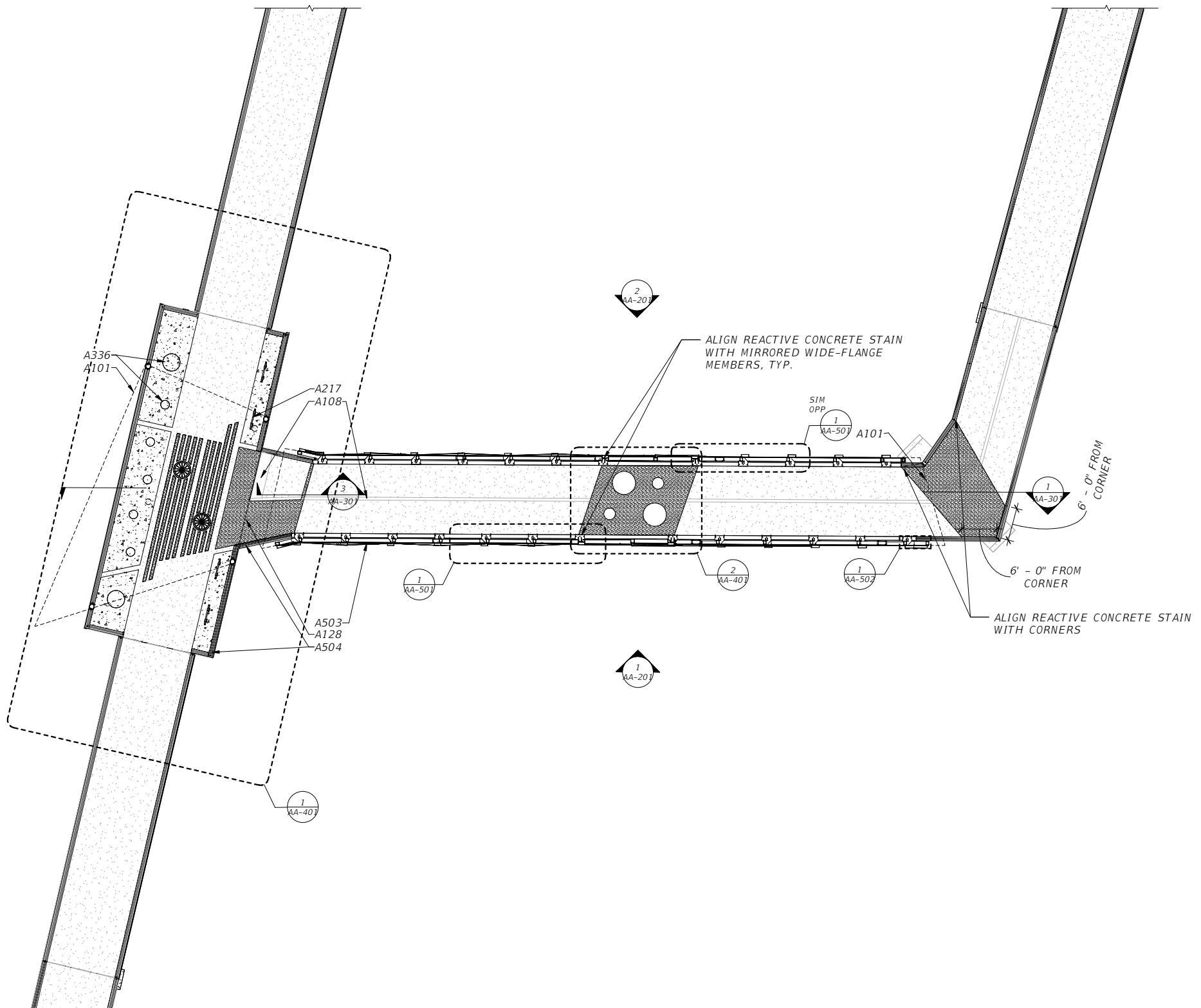




NOTE:  
 1. REFER TO ALL OTHER PLAN SETS FROM OTHER DISCIPLINES FOR ADDITIONAL INFORMATION.  
 2. EXISTING CONDITIONS AERIAL BACKGROUND SHOWN FOR REFERENCE ONLY.

No.	Date	Issue / Revision	ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607  ARCHITECT BUSINESS LICENSE NO.: AA26003274	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DWG NO.	
					SR 60	PINELLAS	437498-1-52-02	SHEET NO.	
								OVERALL SITE PLAN	

KEYNOTE LEGEND	
NO.	DESCRIPTION
101	CANOPY OVERHEAD, TYP.
108	PAVEMENT STRIPING, TYP. APPLY CONCRETE REACTIVE STAIN CAREFULLY AROUND PAVEMENT STRIPING. REFER TO SIGNING AND PAVEMENT PLANS
128	EXPANSION JOINT, REFER TO KCA STRUCTURAL DRAWINGS
217	BIKE RACK MODEL# CBBR-2CR-55
336	CAST IN PLACE CONCRETE BENCH, TYP.
503	MCNICHOLS PERFORATED METAL PANEL (MODEL #17145163) ASSEMBLY WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4071440210. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS
504	BRIDGE PEDESTRIAN BICYCLE RAILING, REFER TO KCA STRUCTURAL DRAWINGS

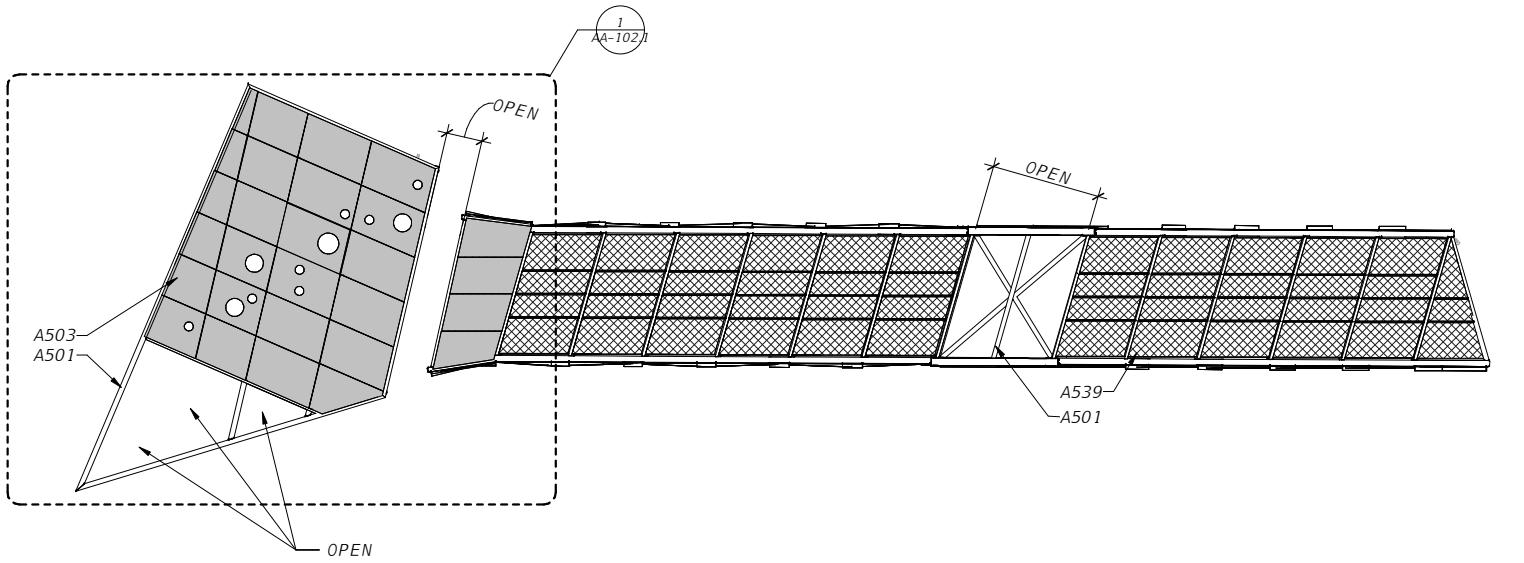


**FINISH LEGEND: COORDINATE ALL REACTIVE STAIN COLOR SELECTIONS WITH CITY OF CLEARWATER AND FDOT FOR APPROVAL DURING CONSTRUCTION.**



No.	Date	Issue / Revision	ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	FLOOR PLAN	DWG NO.
			ARCHITECT BUSINESS LICENSE NO.: AA26003274		SR 60	PINELLAS	437498-1-52-02		AA-101 SHEET NO.

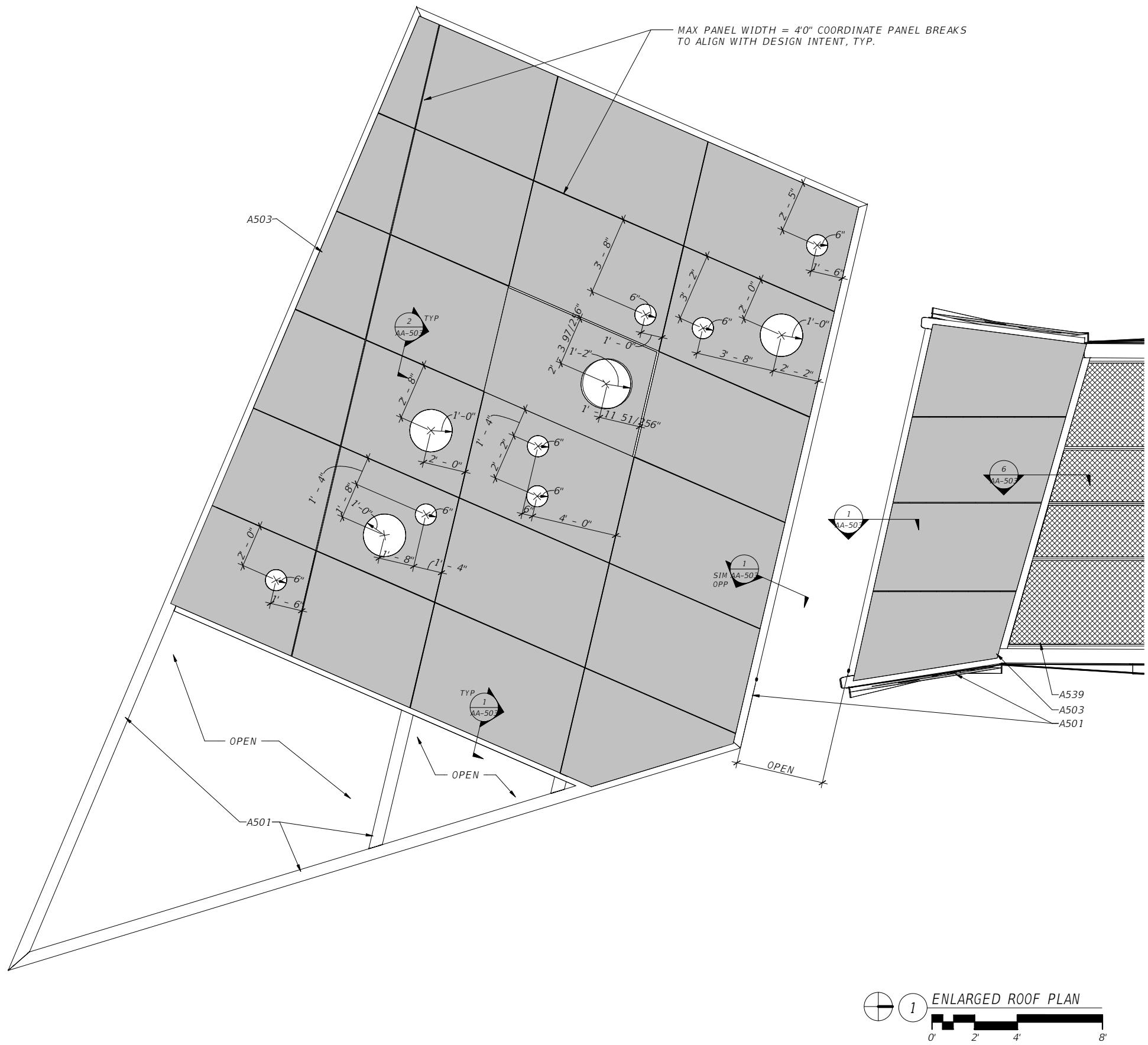
KEYNOTE LEGEND	
NO.	DESCRIPTION
A501	ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) FRAMING OF G100 GALVANIZED COATING, TYP. FINISH COLOR OF ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL BE EXPOSED G-100 FINISH OF MATTE CONSISTENCY
A503	MCNICHOLS PERFORATED METAL PANEL (MODEL #17145163) ASSEMBLY WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4071440210. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS
A539	MCNICHOLS WIRE MESH PANEL (MODEL #38231900) WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4080140110. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS



ARCHITECTURAL MESH LEGEND:	
	McNICHOLS WIRE MESH (MODEL# 38231900)
	McNICHOLS EXPANDED METAL (MODEL# 57001599)
	McNICHOLS PERFORATED METAL (MODEL# 17145163)

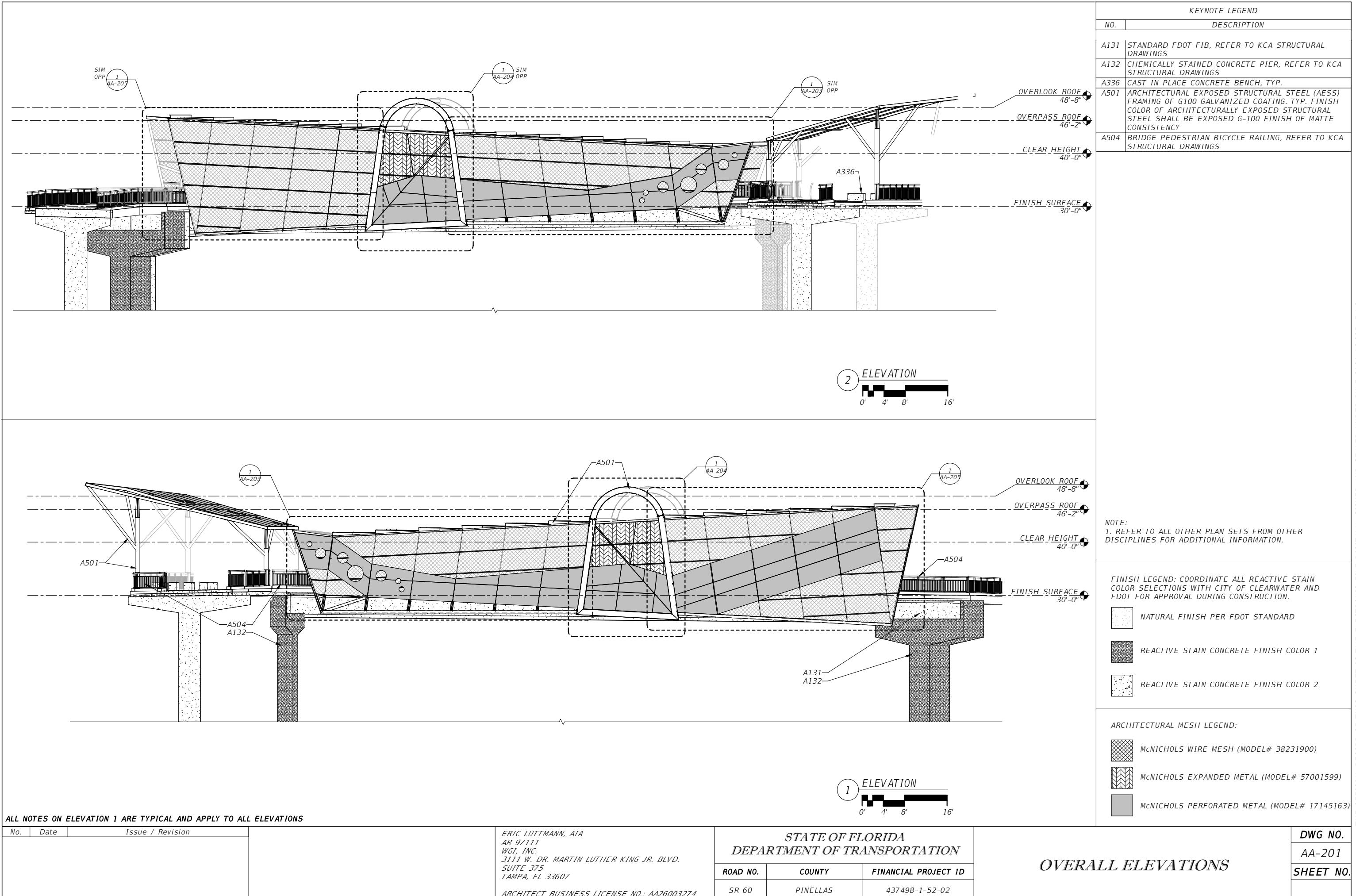
No.	Date	Issue / Revision	ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607  ARCHITECT BUSINESS LICENSE NO.: AA26003274	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROOF PLAN	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID				AA-102
SR 60	PINELLAS	437498-1-52-02				SHEET NO.

KEYNOTE LEGEND	
NO.	DESCRIPTION
501	ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) FRAMING OF G100 GALVANIZED COATING, TYP. FINISH COLOR OF ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL BE EXPOSED G-100 FINISH OF MATTE CONSISTENCY
503	MCNICHOLS PERFORATED METAL PANEL (MODEL #17145163) ASSEMBLY WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4071440210. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICE LOCATIONS
539	MCNICHOLS WIRE MESH PANEL (MODEL #38231900) WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4080140110. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICE LOCATIONS

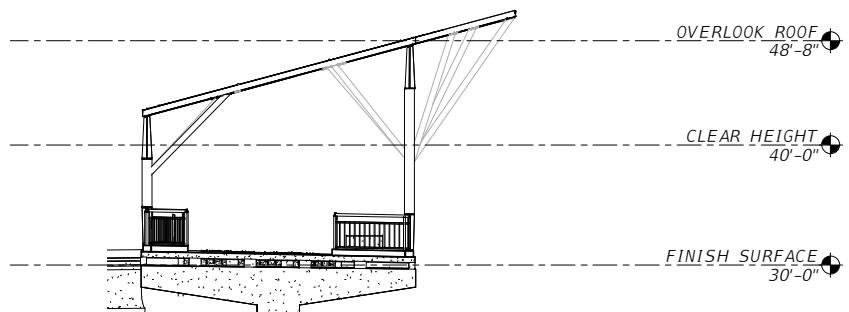


ARCHITECTURAL MESH LEGEND:	
	McNICHOLS WIRE MESH (MODEL# 38231900)
	McNICHOLS EXPANDED METAL (MODEL# 57001599)
	McNICHOLS PERFORATED METAL (MODEL# 17145163)

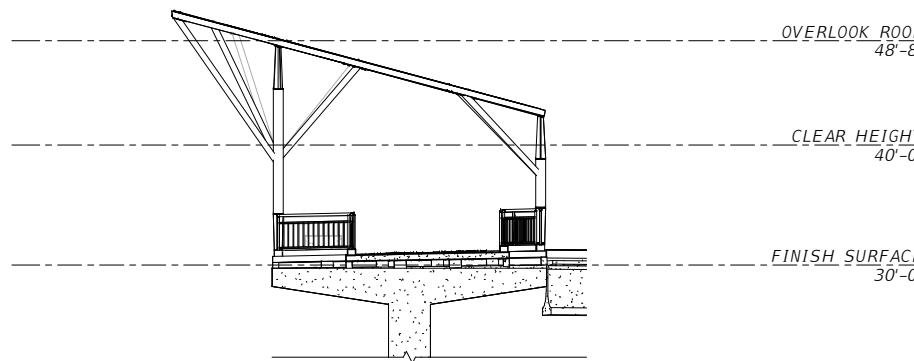
No.	Date	Issue / Revision	ERIC LUETTNER, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607  ARCHITECT BUSINESS LICENSE NO.: AA26003274	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DWG NO.
				SR 60	PINELLAS	437498-1-52-02	AA-102.1 SHEET NO.	



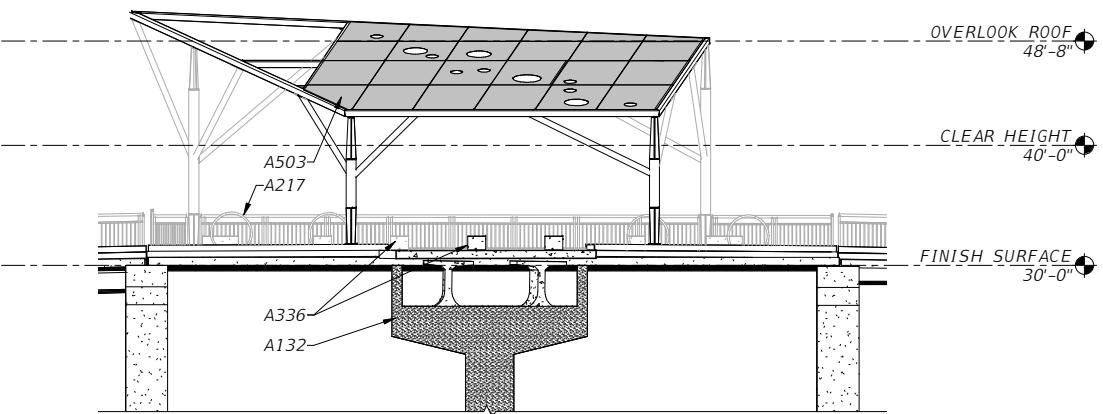
KEYNOTE LEGEND	
NO.	DESCRIPTION
A132	CHEMICALLY STAINED CONCRETE PIER, REFER TO KCA STRUCTURAL DRAWINGS
A217	BIKE RACK MODEL# CBBR-2CR-55
A306	REACTIVE STAIN CONCRETE FINISH, TYP. COORDINATE COLOR SELECTION FOR APPROVAL WITH CITY OF CLEARWATER AND FDOT.
A336	CAST IN PLACE CONCRETE BENCH, TYP.
A501	ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) FRAMING OF G100 GALVANIZED COATING, TYP. FINISH COLOR OF ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL BE EXPOSED G-100 FINISH OF MATTE CONSISTENCY
A503	MCNICHOLS PERFORATED METAL PANEL (MODEL #17145163) ASSEMBLY WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4071440210. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS
A504	BRIDGE PEDESTRIAN BICYCLE RAILING, REFER TO KCA STRUCTURAL DRAWINGS
A593	ARCHITECTURAL METAL PANEL ASSEMBLY



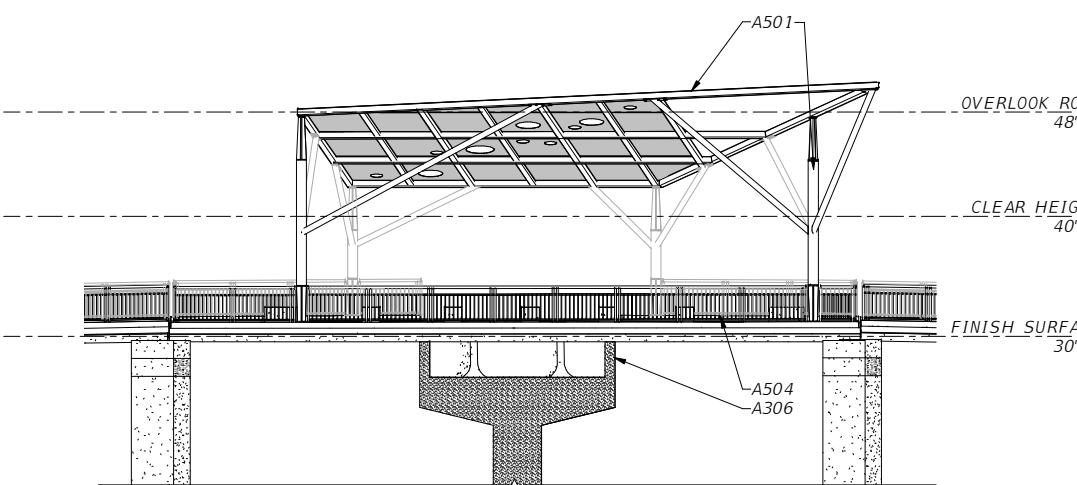
4 ELEVATION  
0' 4' 8' 16'



2 ELEVATION  
0' 4' 8' 16'



3 ELEVATION  
0' 4' 8' 16'



1 ELEVATION  
0' 4' 8' 16'

ALL NOTES ON ELEVATION 1 ARE TYPICAL AND APPLY TO ALL ELEVATIONS

NOTE:  
1. REFER TO ALL OTHER PLAN SETS FROM OTHER DISCIPLINES FOR ADDITIONAL INFORMATION.

FINISH LEGEND: COORDINATE ALL REACTIVE STAIN COLOR SELECTIONS WITH CITY OF CLEARWATER AND FDOT FOR APPROVAL DURING CONSTRUCTION.

NATURAL FINISH PER FDOT STANDARD

REACTIVE STAIN CONCRETE FINISH COLOR 1

REACTIVE STAIN CONCRETE FINISH COLOR 2

ARCHITECTURAL MESH LEGEND:

McNICHOLS WIRE MESH (MODEL# 38231900)

McNICHOLS EXPANDED METAL (MODEL# 57001599)

McNICHOLS PERFORATED METAL (MODEL# 17145163)

No. Date Issue / Revision

ERIC LUTTMANN, AIA  
AR 97111  
WGI, INC.  
3111 W. DR. MARTIN LUTHER KING JR. BLVD.  
SUITE 375  
TAMPA, FL 33607  
ARCHITECT BUSINESS LICENSE NO.: AA26003274

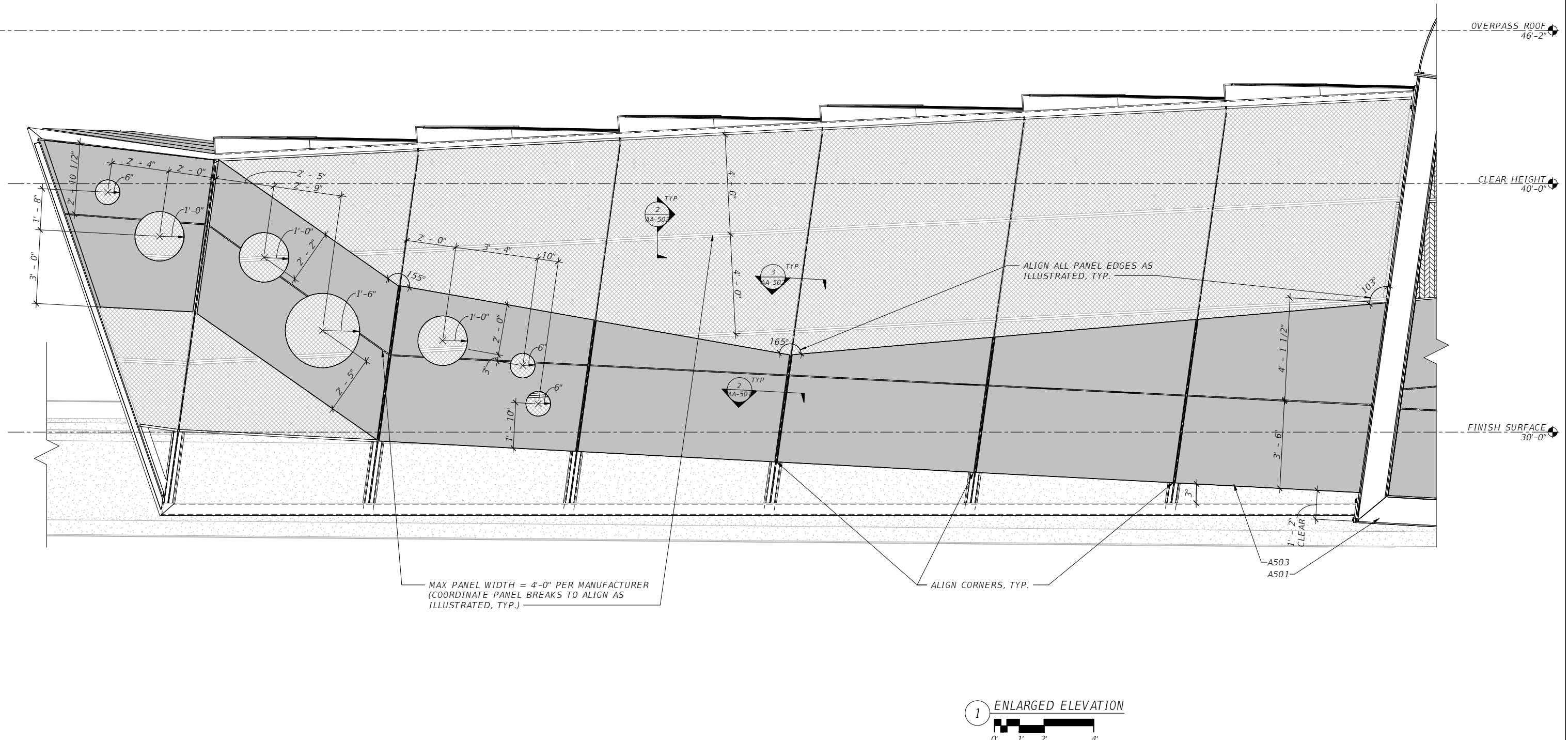
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID

SR 60 PINELLAS 437498-1-52-02

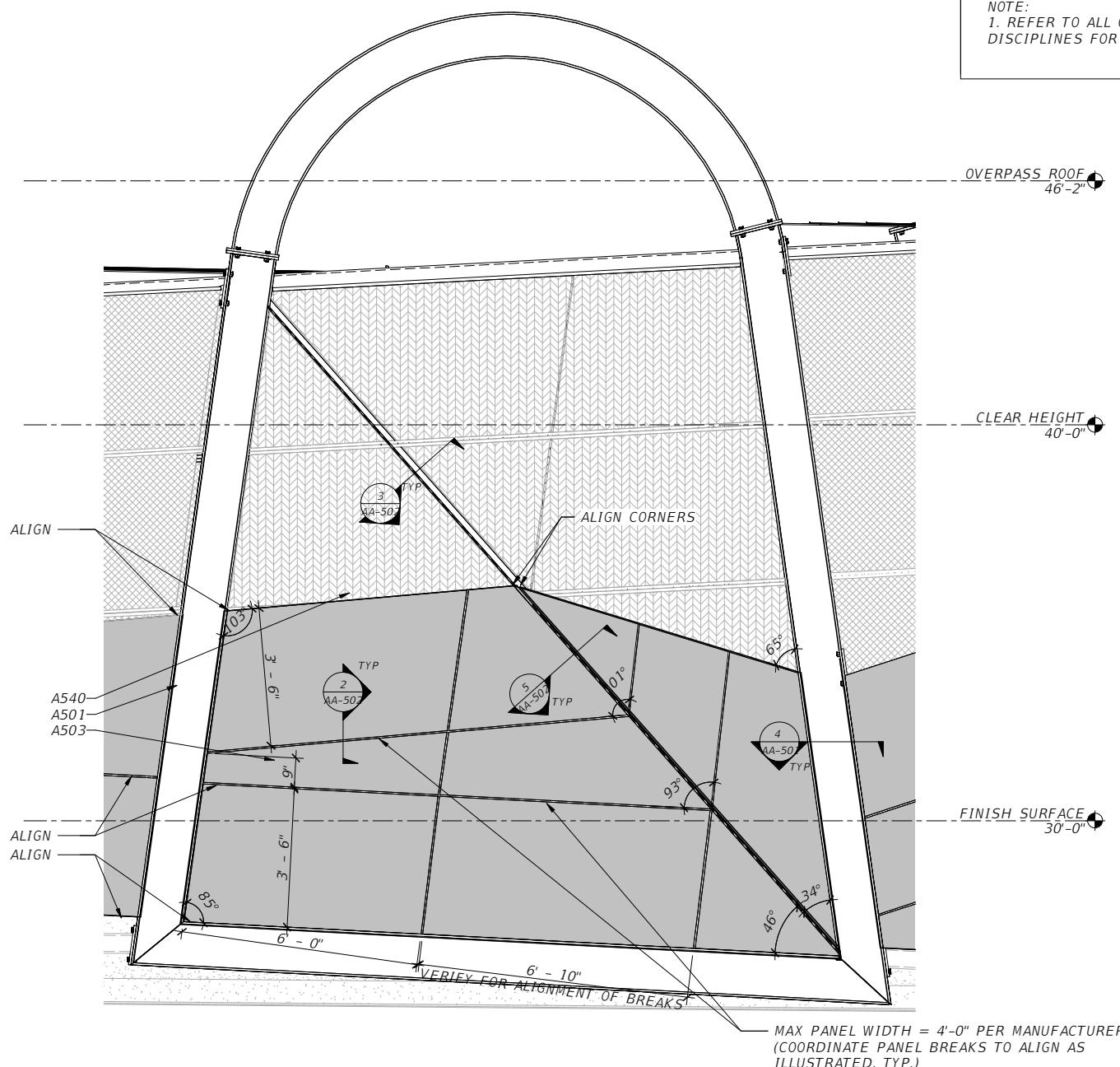
OVERLOOK ELEVATIONS

ARCHITECTURAL MESH LEGEND:		KEYNOTE LEGEND	
NO.	DESCRIPTION	NO.	DESCRIPTION
	McNICHOLS WIRE MESH (MODEL# 38231900)	A501	ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) FRAMING OF G100 GALVANIZED COATING, TYP. FINISH COLOR OF ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL BE EXPOSED G-100 FINISH OF MATTE CONSISTENCY
	McNICHOLS EXPANDED METAL (MODEL# 57001599)	A503	McNICHOLS PERFORATED METAL PANEL (MODEL #17145163) ASSEMBLY WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4071440210. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS
	McNICHOLS PERFORATED METAL (MODEL# 17145163)		



No.	Date	Issue / Revision	ERIC LUETTLEMAN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607  ARCHITECT BUSINESS LICENSE NO.: AA26003274	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	OVERPASS ENLARGED ELEVATION (1)	DWG NO. AA-203 SHEET NO.
		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
		SR 60	PINELLAS	437498-1-52-02		

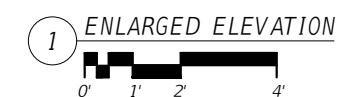
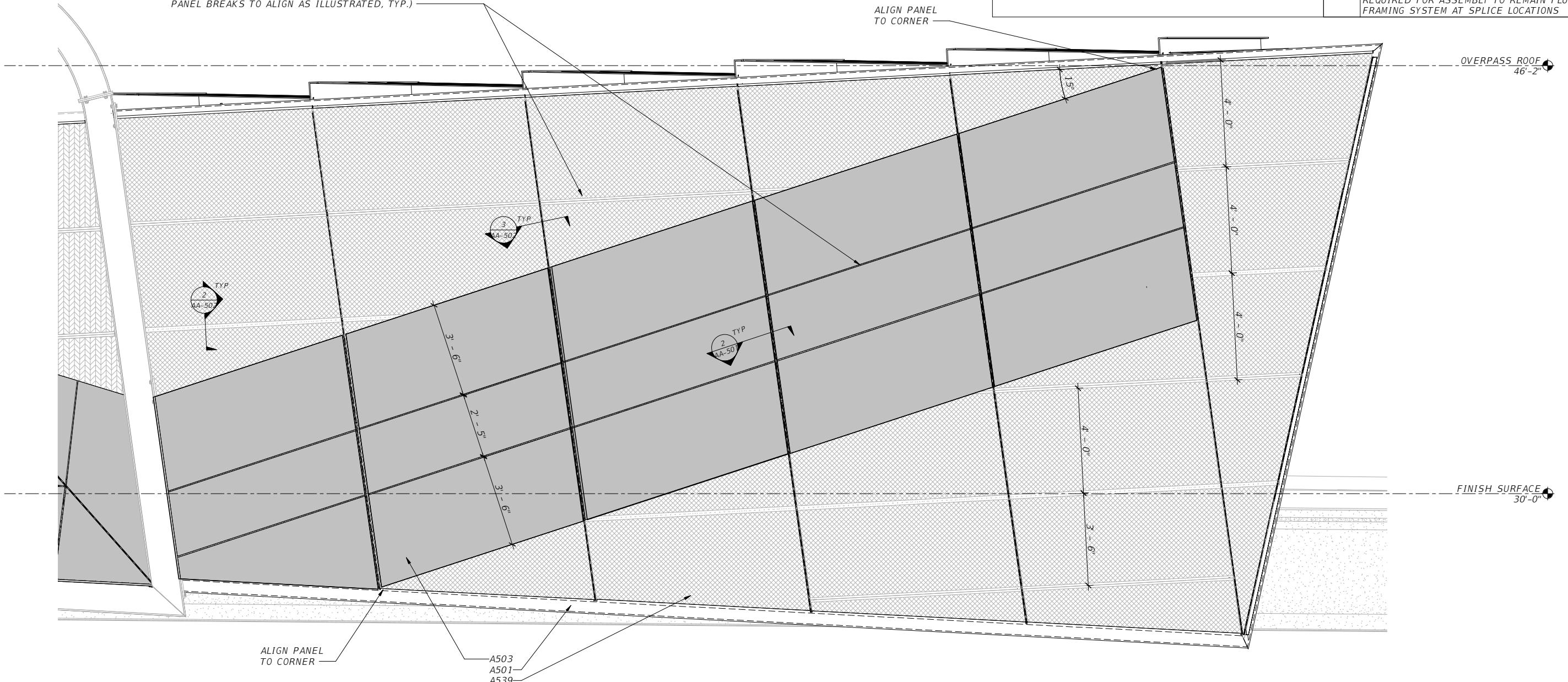
KEYNOTE LEGEND	
NO.	DESCRIPTION
A501	ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) FRAMING OF G100 GALVANIZED COATING, TYP. FINISH COLOR OF ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL BE EXPOSED G-100 FINISH OF MATTE CONSISTENCY
A503	MCNICHOLS PERFORATED METAL PANEL (MODEL #17145163) ASSEMBLY WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4071440210. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS
A540	MCNICHOLS EXPANDED METAL (MODEL #57001599) PANEL ASSEMBLY WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4071440110. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS



No.	Date	Issue / Revision	ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607 ARCHITECT BUSINESS LICENSE NO.: AA26003274	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	OVERPASS ENLARGED ELEVATION (2)		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID			DWG NO.	AA-204	
SR 60	PINELLAS	437498-1-52-02				SHEET NO.	

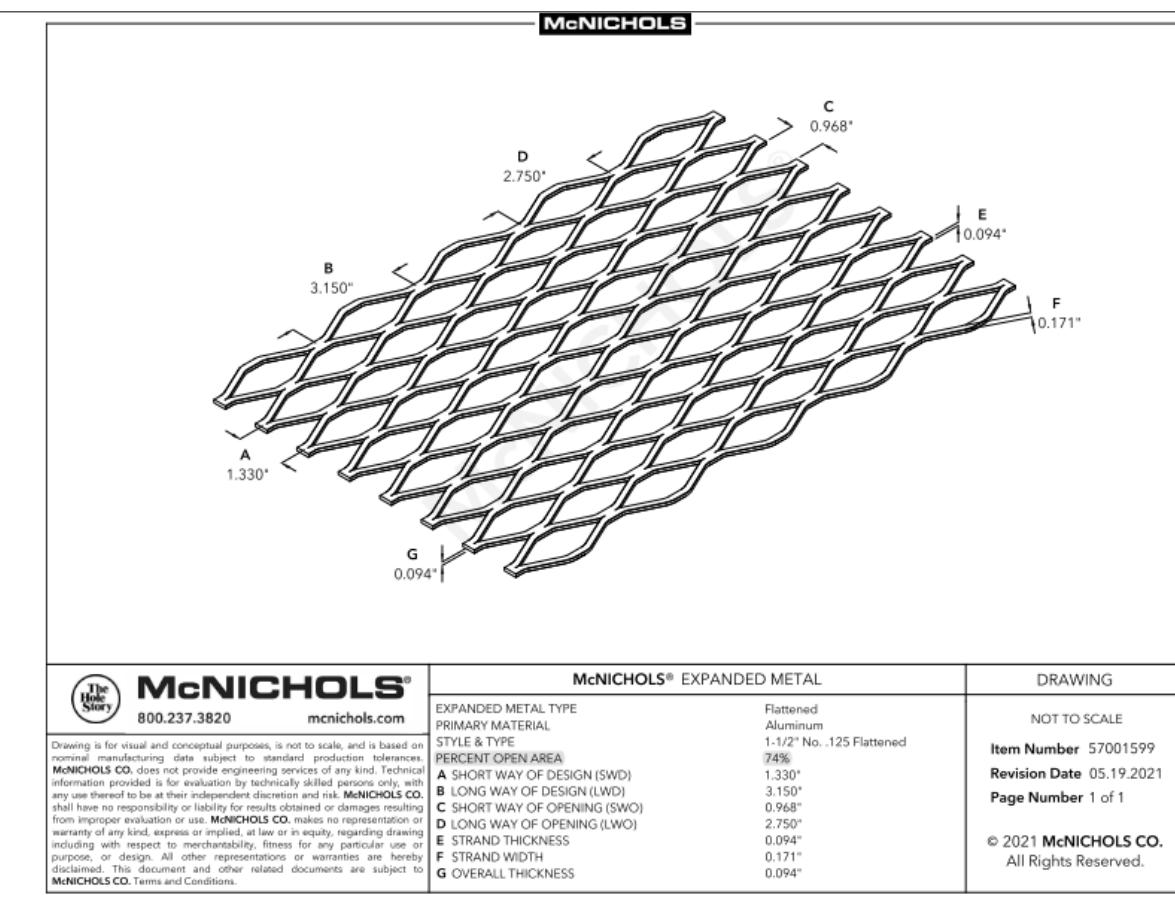
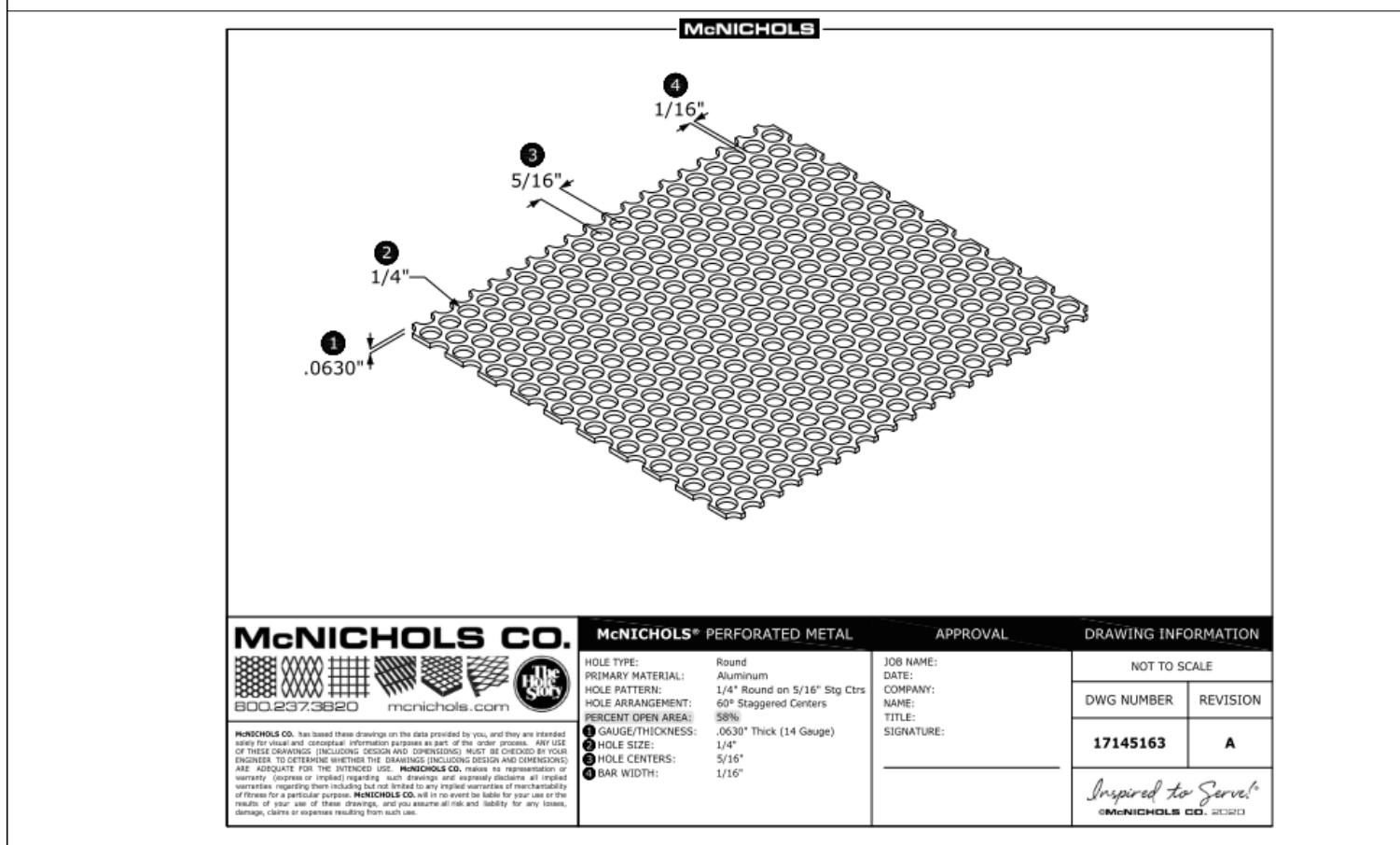
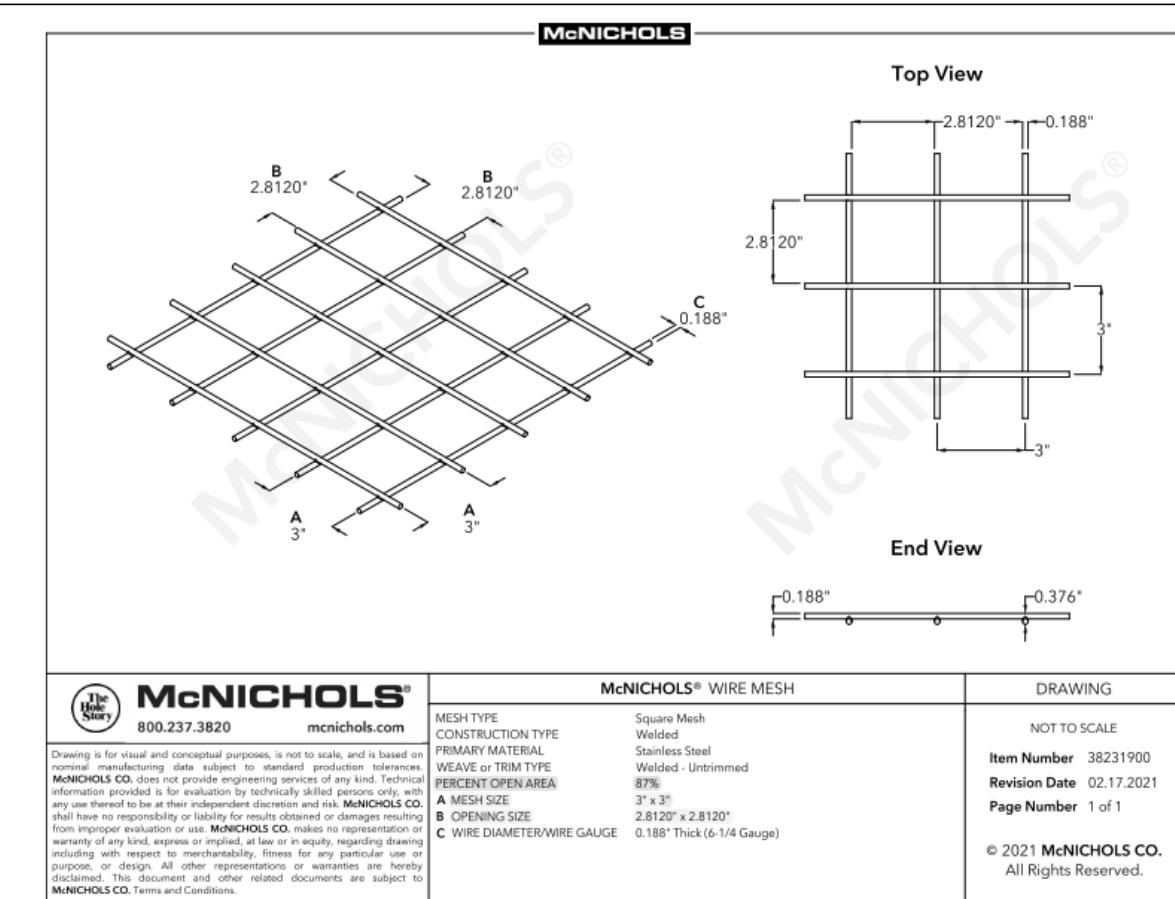
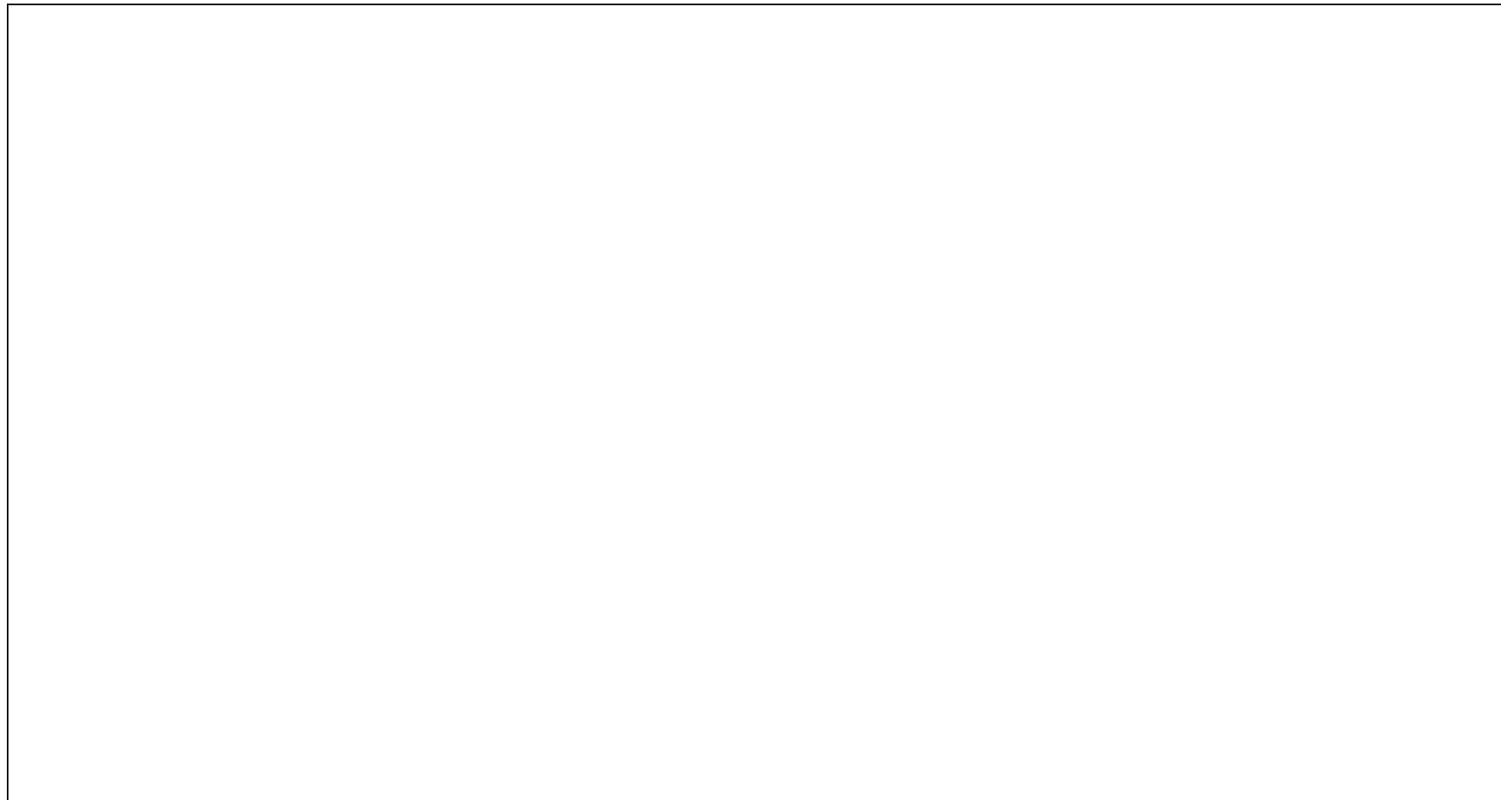
KEYNOTE LEGEND	
NO.	DESCRIPTION
A501	ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) FRAMING OF G100 GALVANIZED COATING, TYP. FINISH COLOR OF ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL BE EXPOSED G-100 FINISH OF MATTE CONSISTENCY
A503	MCNICHOLS PERFORATED METAL PANEL (MODEL #17145163) ASSEMBLY WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4071440210. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS
A539	MCNICHOLS WIRE MESH PANEL (MODEL #38231900) WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4080140110. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS

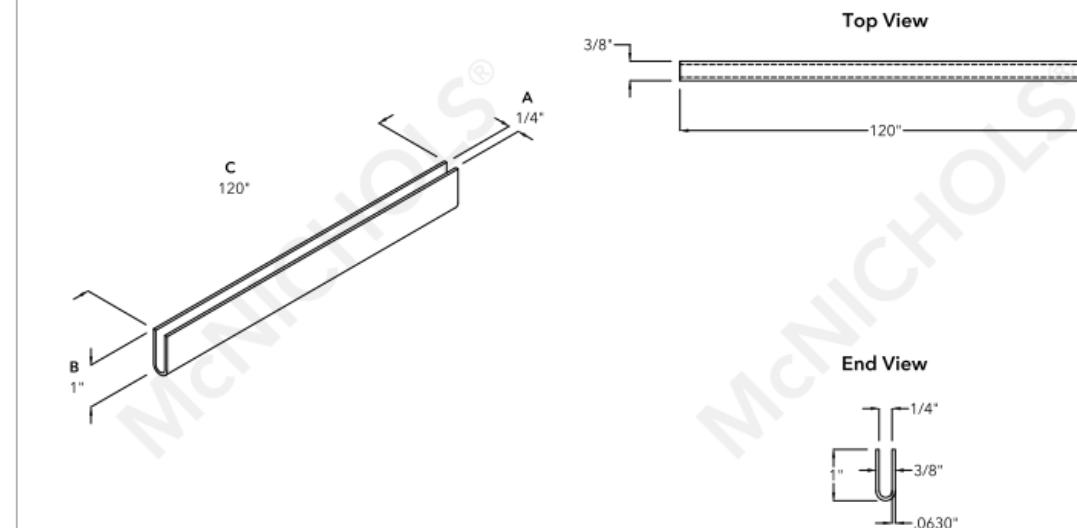
MAX PANEL WIDTH = 4'-0" PER MANUFACTURER (COORDINATE PANEL BREAKS TO ALIGN AS ILLUSTRATED, TYP.)



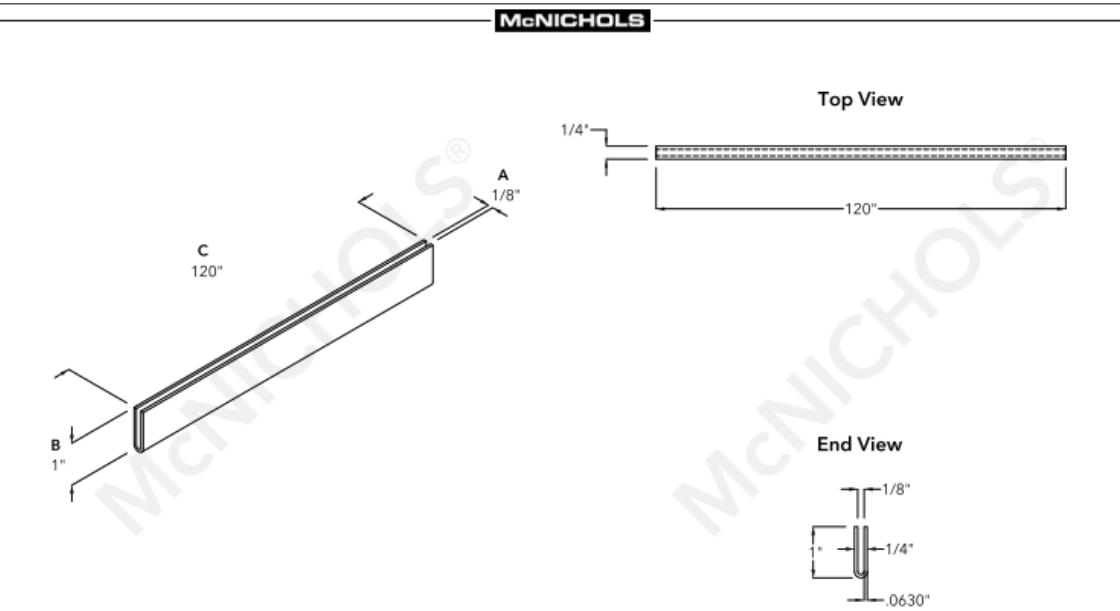
No. Date Issue / Revision

			STATE OF FLORIDA	OVERPASS ENLARGED ELEVATION (3)			DWG NO.
			DEPARTMENT OF TRANSPORTATION				AA-205
			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SHEET NO.
ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607 ARCHITECT BUSINESS LICENSE NO.: AA26003274	SR 60	PINELLAS	437498-1-52-02				





McNICHOLS® ACCESSORIES		DRAWING
ACCESSORY TYPE	U-Edging	NOT TO SCALE
PRIMARY MATERIAL	Aluminum	Item Number 4071440110
GAUGE/THICKNESS	.0630" Thick (14 Gauge)	Revision Date 10.27.2021
ACCESSORY PROFILE	Type 401 U-Edging (1/4" Opening x 1" Width)	Page Number 1 of 1
COMPATIBLE WITH	Used to Frame the Edges of Aluminum Perforated Metal, Expanded Metal and Wire Mesh	© 2021 McNICHOLS CO. All Rights Reserved.
A OPENING (CLEAR SPACE)	1/4"	
B WIDTH	1"	
C LENGTH	120"	



McNICHOLS® ACCESSORIES		DRAWING
ACCESSORY TYPE	U-Edging	NOT TO SCALE
PRIMARY MATERIAL	Aluminum	Item Number 4071440210
GAUGE/THICKNESS	.0630" Thick (14 Gauge)	Revision Date 10.27.2021
ACCESSORY PROFILE	Type 402 U-Edging (1/8" Opening x 1" Width)	Page Number 1 of 1
COMPATIBLE WITH	Used to Frame the Edges of Aluminum Perforated Metal, Expanded Metal and Wire Mesh	© 2021 McNICHOLS CO. All Rights Reserved.
A OPENING (CLEAR SPACE)	1/8"	
B WIDTH	1"	
C LENGTH	120"	

McNICHOLS® ACCESSORIES		DRAWING
ACCESSORY TYPE	U-Edging	NOT TO SCALE
PRIMARY MATERIAL	Stainless Steel	Item Number 4080140110
GAUGE/THICKNESS	14 Gauge (.0781" Thick)	Revision Date 10.27.2021
ACCESSORY PROFILE	Type 401 U-Edging (1/4" Opening x 1" Width)	Page Number 1 of 1
COMPATIBLE WITH	Used to Frame the Edges of Stainless Steel Perforated Metal, Expanded Metal and Wire Mesh	© 2021 McNICHOLS CO. All Rights Reserved.
A OPENING (CLEAR SPACE)	1/4"	
B WIDTH	1"	
C LENGTH	120"	

No.	Date	Issue / Revision
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ERIC LUTTMANN, AIA  
AR 97111  
WGI, INC.  
3111 W. DR. MARTIN LUTHER KING JR. BLVD.  
SUITE 375  
TAMPA, FL 33607  
ARCHITECT BUSINESS LICENSE NO.: AA26003274

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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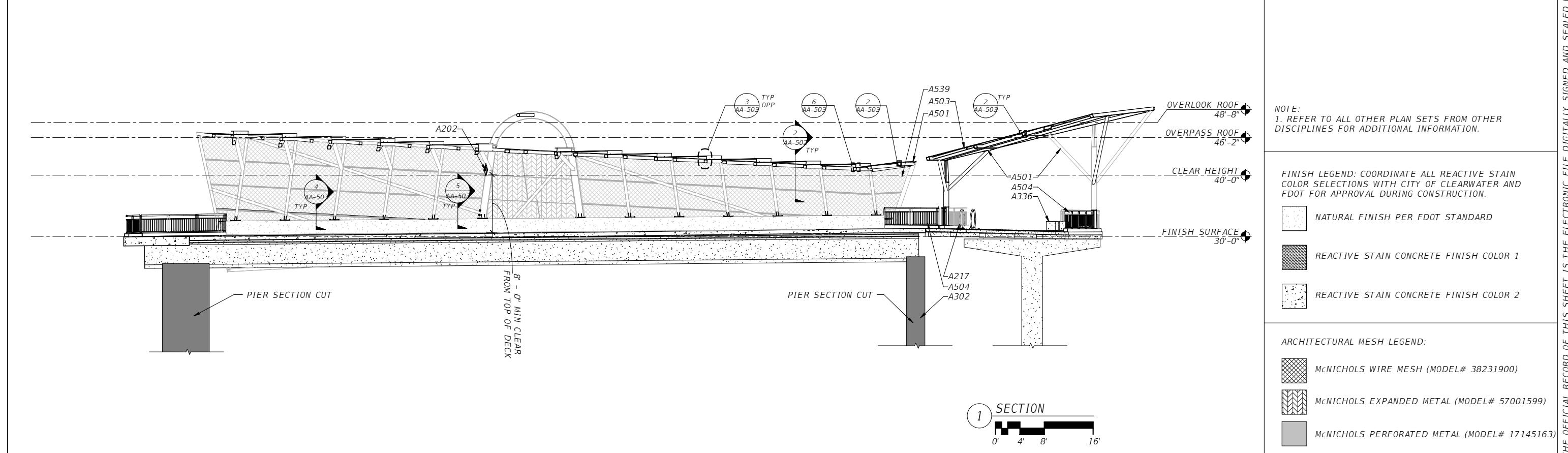
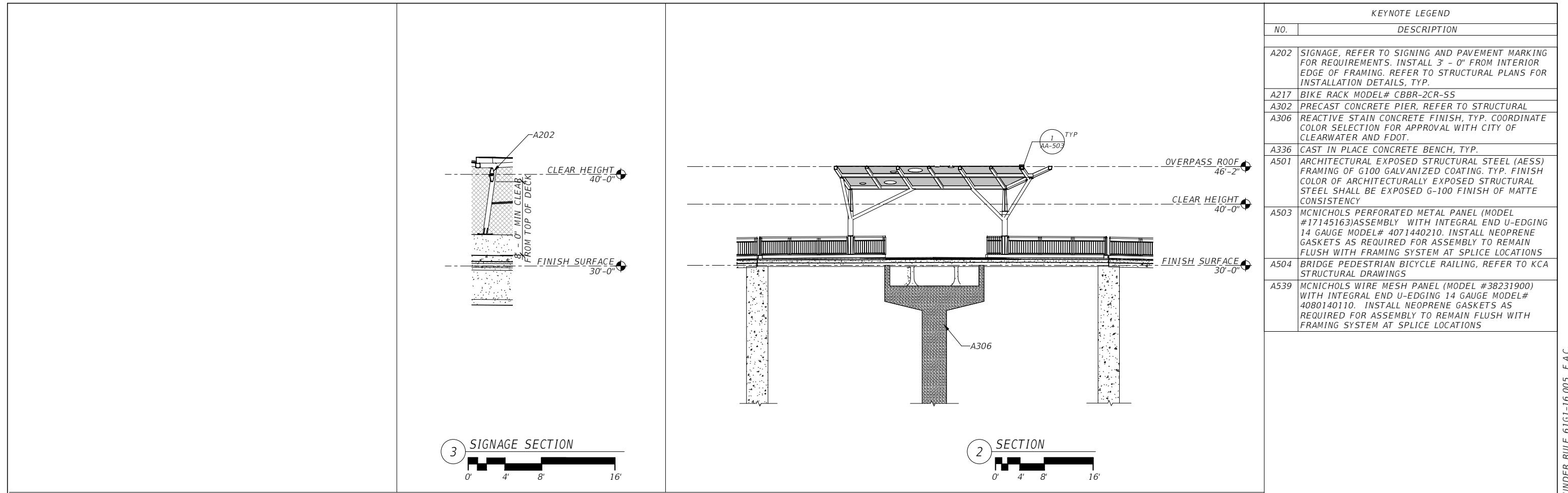
SR 60	PINELLAS	437498-1-52-02
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ENCLOSURE MATERIALS (2)

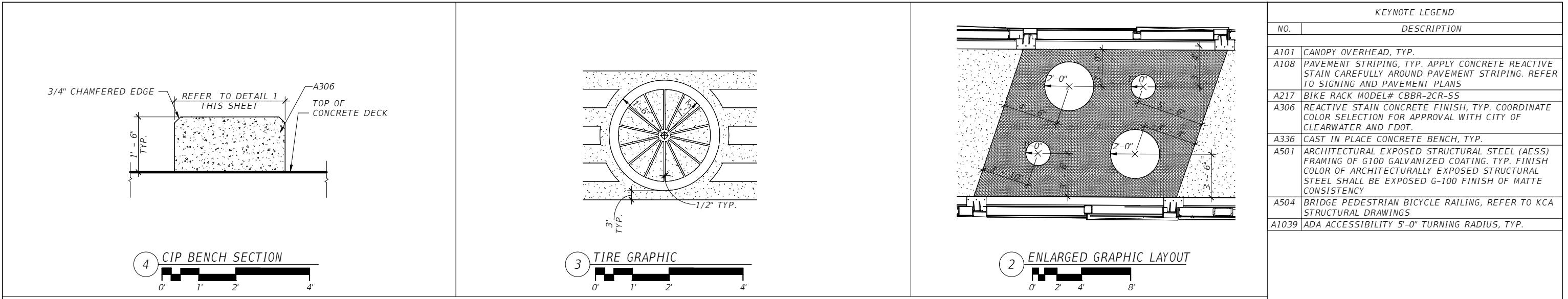
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AA-207

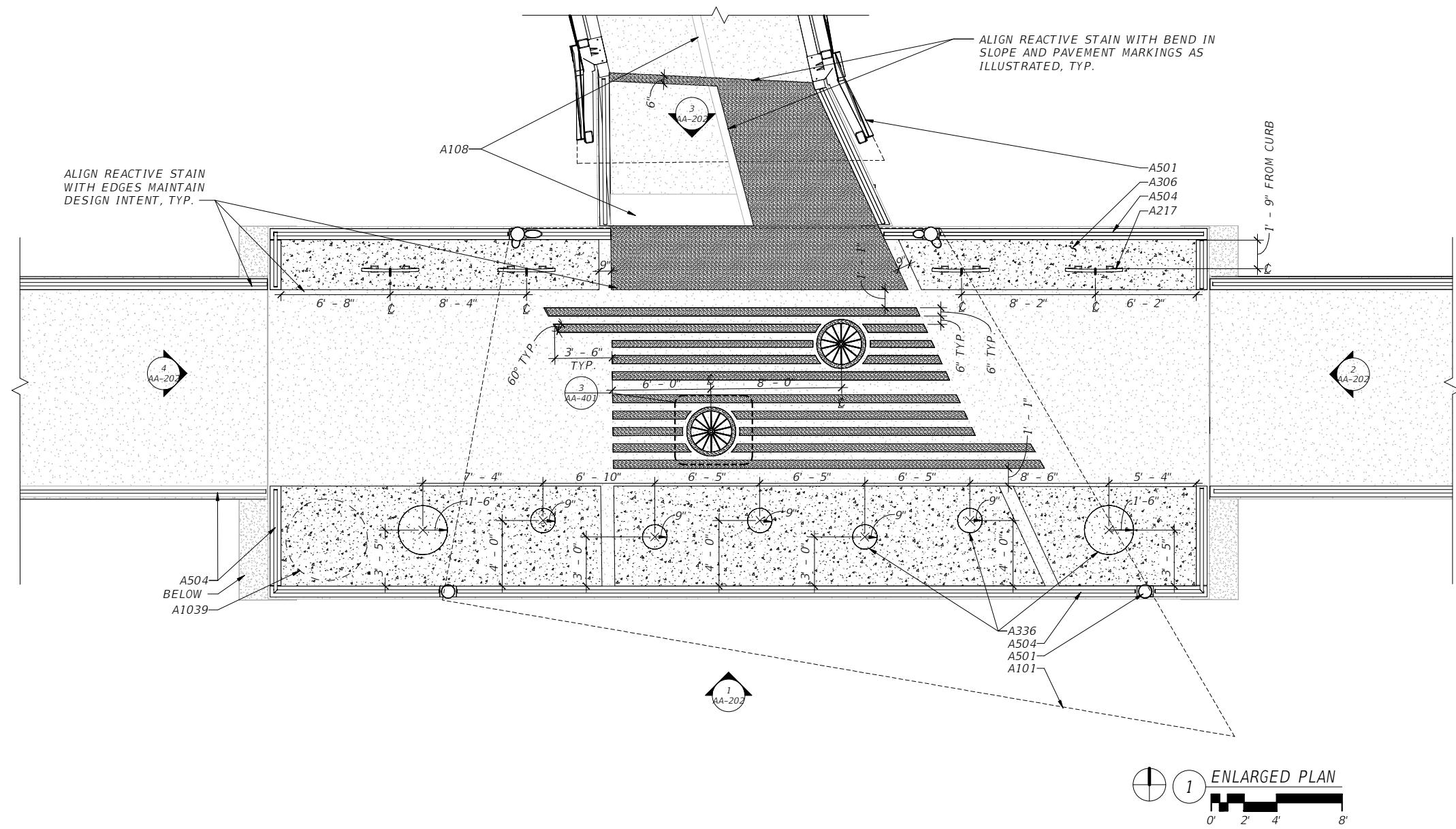
SHEET NO.



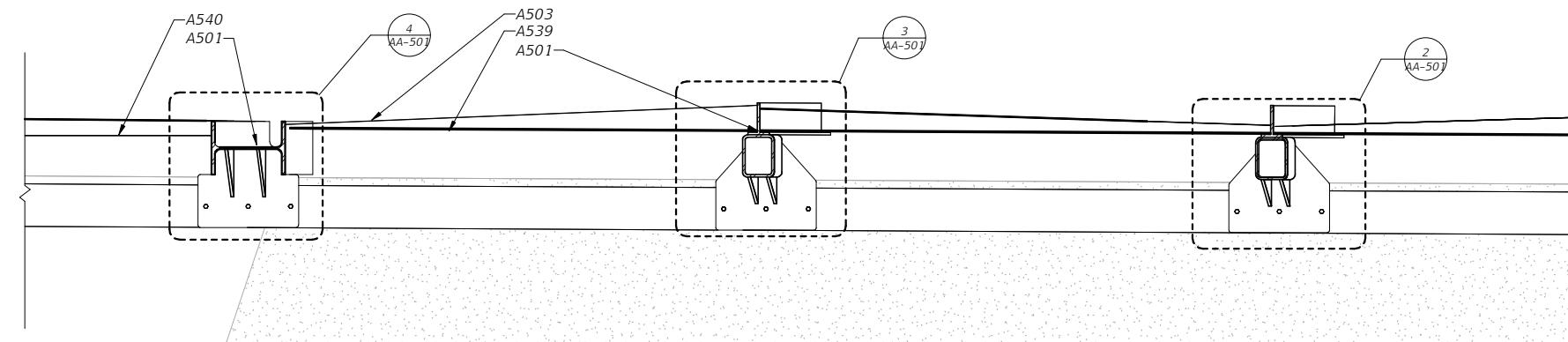
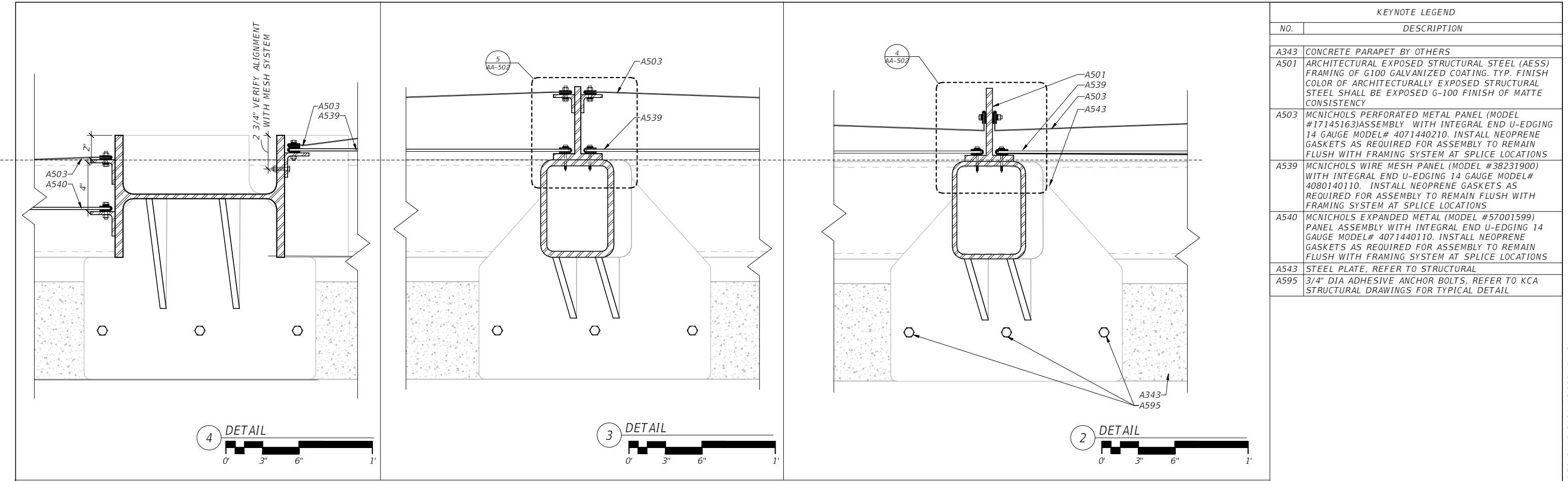
No.	Date	Issue / Revision	SECTION	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		AA-301
SR 60	PINELLAS	437498-1-52-02		SHEET NO.



KEYNOTE LEGEND	
NO.	DESCRIPTION
A101	CANOPY OVERHEAD, TYP.
A108	PAVEMENT STRIPING, TYP. APPLY CONCRETE REACTIVE STAIN CAREFULLY AROUND PAVEMENT STRIPING. REFER TO SIGNING AND PAVEMENT PLANS
A217	BIKE RACK MODEL# CBBR-2CR-SS
A306	REACTIVE STAIN CONCRETE FINISH, TYP. COORDINATE COLOR SELECTION FOR APPROVAL WITH CITY OF CLEARWATER AND FDOT.
A336	CAST IN PLACE CONCRETE BENCH, TYP.
A501	ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) FRAMING OF G100 GALVANIZED COATING, TYP. FINISH COLOR OF ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL BE EXPOSED G-100 FINISH OF MATTE CONSISTENCY
A504	BRIDGE PEDESTRIAN BICYCLE RAILING, REFER TO KCA STRUCTURAL DRAWINGS
A1039	ADA ACCESSIBILITY 5'-0" TURNING RADIUS, TYP.



No.	Date	Issue / Revision	ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607 ARCHITECT BUSINESS LICENSE NO.: AA26003274	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID SR 60 PINELLAS 437498-1-52-02	DWG NO.		
					AA-401		
					SHEET NO.		



1 ENLARGED PLAN  
0' 1' 2' 4'

NOTE:  
1. REFER TO ALL OTHER PLAN SETS FROM OTHER DISCIPLINES FOR ADDITIONAL INFORMATION.  
2. ALL DETAILS ARE SHOWN ORTHOGONALLY FOR CLARITY, TYP.

No. Date Issue / Revision

ERIC LUTTMANN, AIA  
AR 97111  
WGI, INC.  
3111 W. DR. MARTIN LUTHER KING JR. BLVD.  
SUITE 375  
TAMPA, FL 33607  
ARCHITECT BUSINESS LICENSE NO.: AA26003274

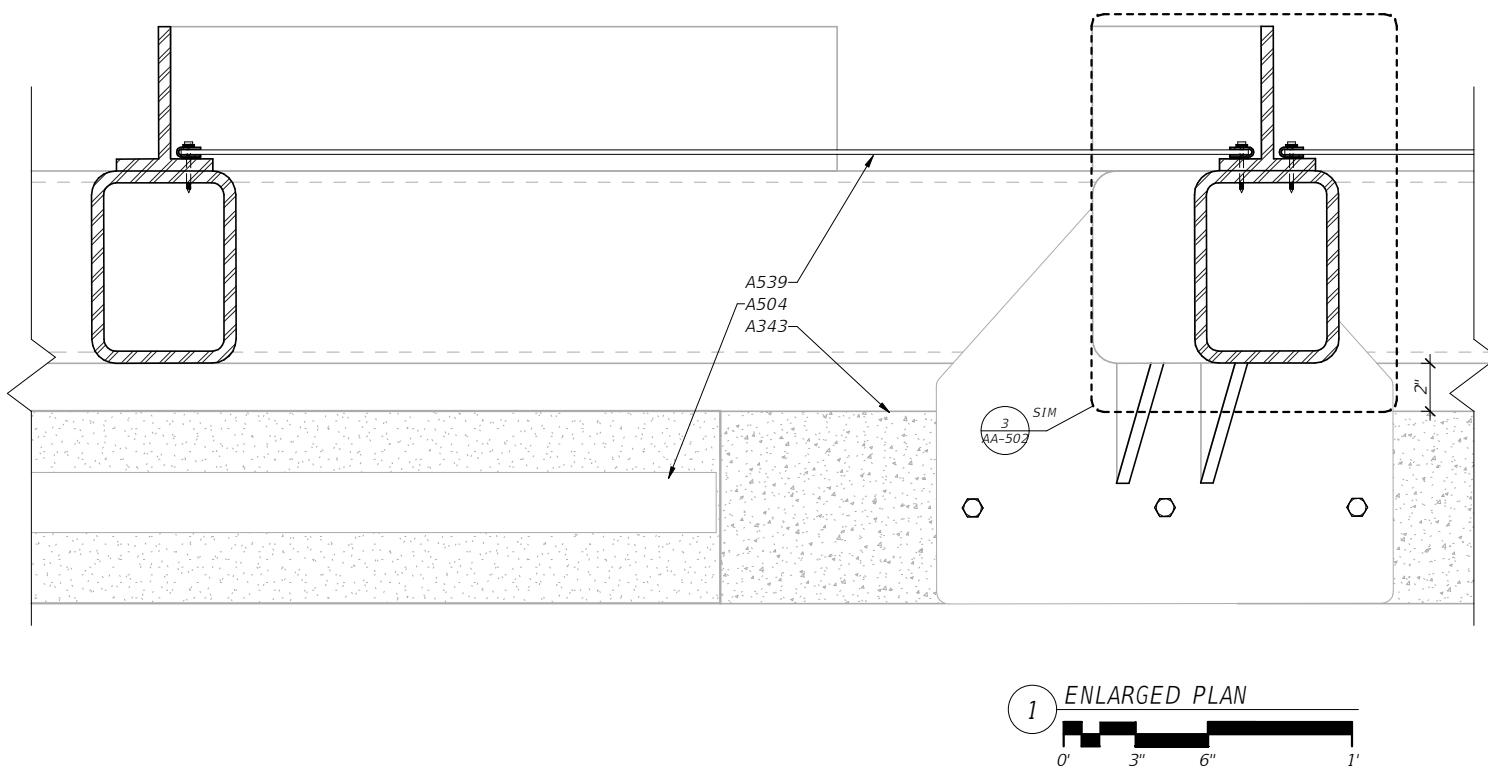
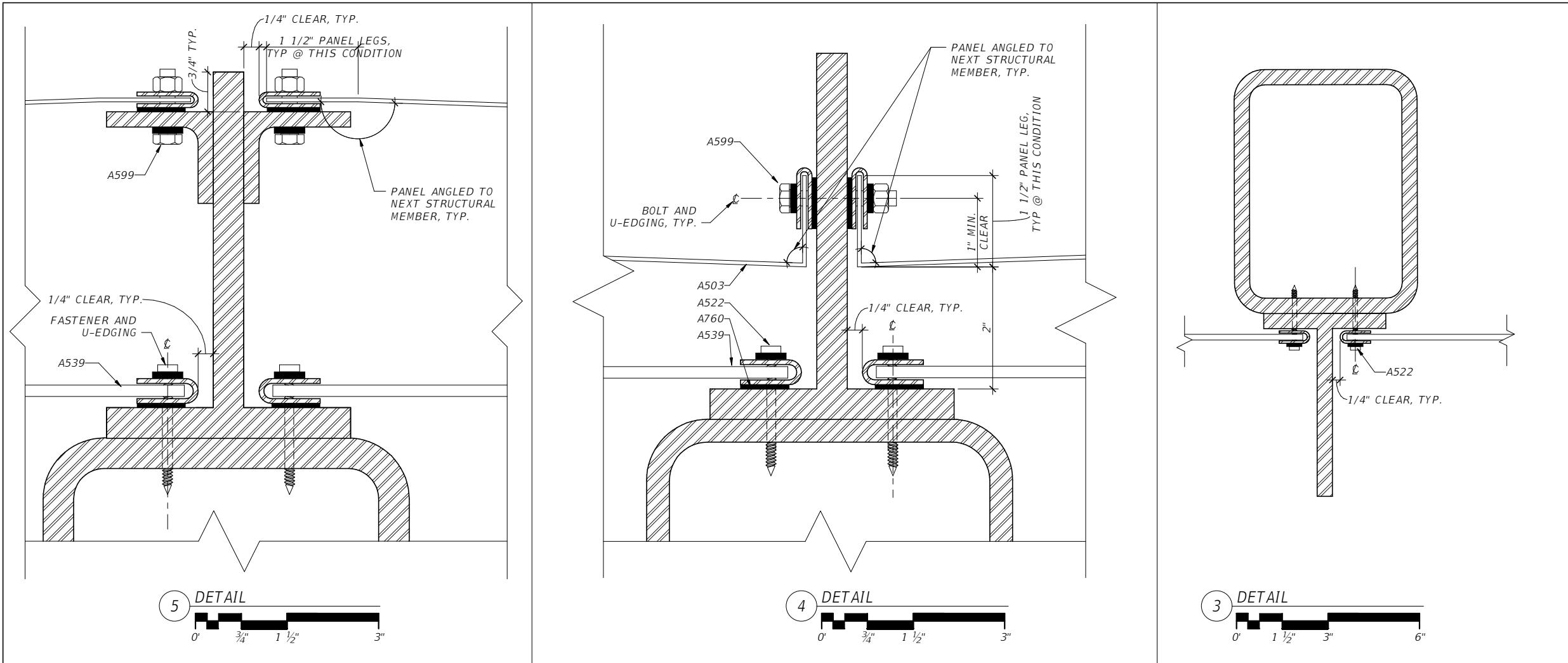
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID

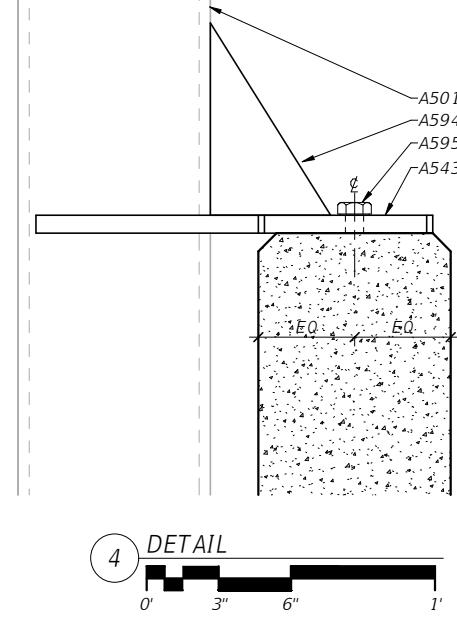
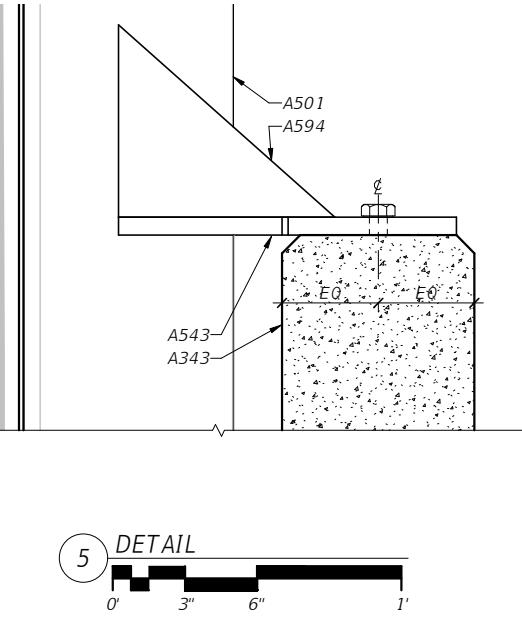
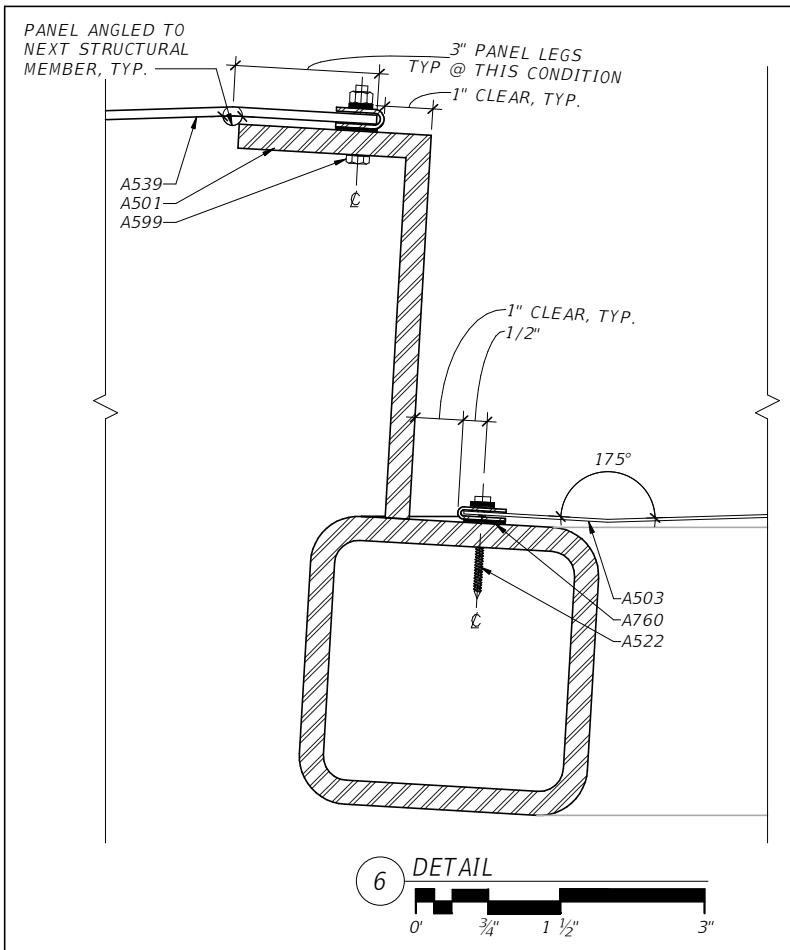
SR 60 PINELLAS 437498-1-52-02

DETAILS (1)

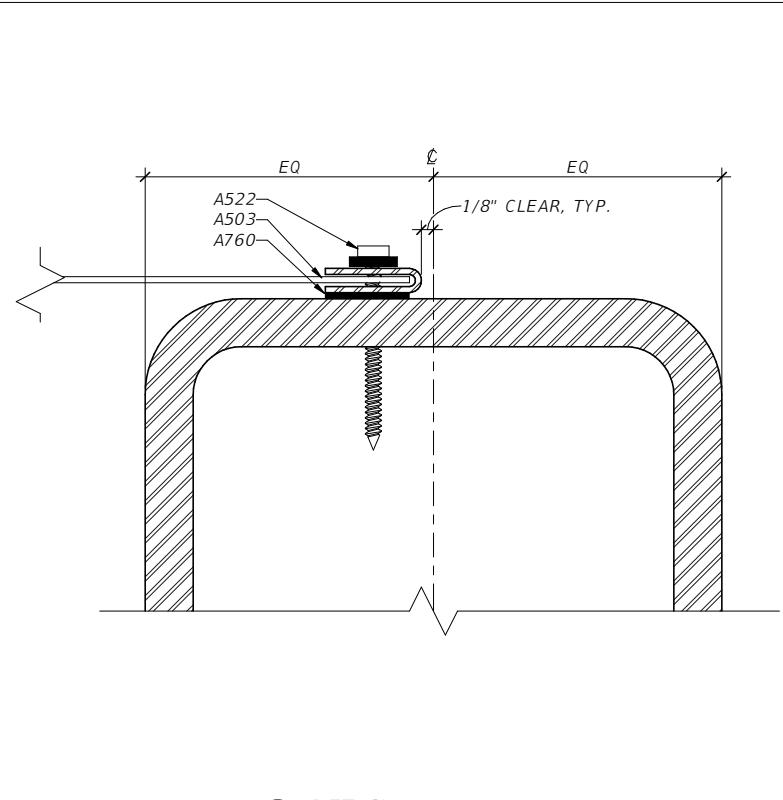
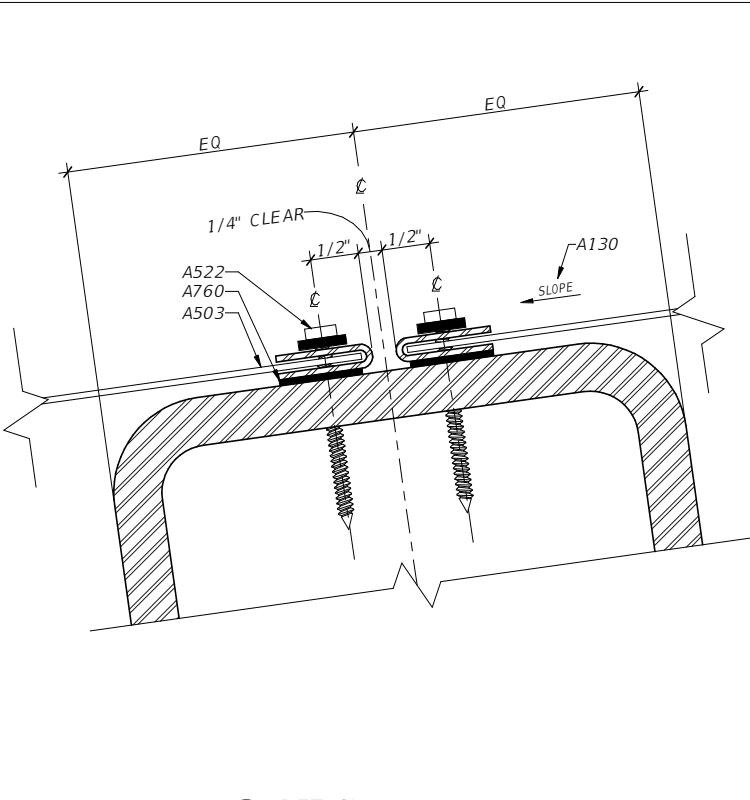
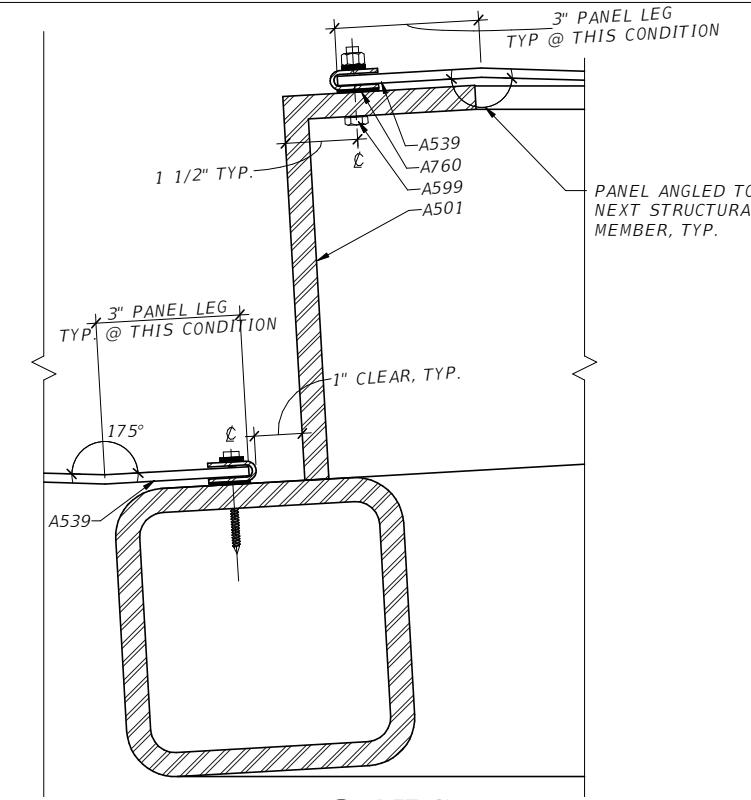
DWG NO.  
AA-501  
SHEET NO.



No.	Date	Issue / Revision	ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607 ARCHITECT BUSINESS LICENSE NO.: AA26003274	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DWG NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID						DETAILS (2)
SR 60	PINELLAS	437498-1-52-02						AA-502
								SHEET NO.



KEYNOTE LEGEND	
NO.	DESCRIPTION
A130	REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION
A343	CONCRETE PARAPET BY OTHERS
A501	ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) FRAMING OF G100 GALVANIZED COATING, TYP. FINISH COLOR OF ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL BE EXPOSED G-100 FINISH OF MATTE CONSISTENCY
A503	MCNICHOLS PERFORATED METAL PANEL (MODEL #17145163) ASSEMBLY WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4071440210. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS
A522	FASTENER WITH FLAT WASHER @ 12" O.C. MAX ON ALL PANEL EDGES FROM PANEL ENDS, TYP.
A539	MCNICHOLS WIRE MESH PANEL (MODEL #38231900) WITH INTEGRAL END U-EDGING 14 GAUGE MODEL# 4080140110. INSTALL NEOPRENE GASKETS AS REQUIRED FOR ASSEMBLY TO REMAIN FLUSH WITH FRAMING SYSTEM AT SPLICING LOCATIONS
A543	STEEL PLATE, REFER TO STRUCTURAL
A594	1/2" STAINLESS STEEL STIFFENER 14 GAUGE, REFER TO STRUCTURAL
A595	3/4" DIA ADHESIVE ANCHOR BOLTS, REFER TO KCA STRUCTURAL DRAWINGS FOR TYPICAL DETAIL
A599	3/8" DIA STAINLESS STEEL LOCK NUT, 1/8" BOLT END EXPOSURE, TYP. AT 12" O.C.
A760	NEOPRENE ISOLATED STRIP



NOTE:  
1. REFER TO ALL OTHER PLAN SETS FROM OTHER DISCIPLINES FOR ADDITIONAL INFORMATION.  
2. ALL DETAILS ARE SHOWN ORTHOGONALLY FOR CLARITY, TYP.

No.	Date	Issue / Revision

ERIC LUTTMANN, AIA  
AR 97111  
WGI, INC.  
3111 W. DR. MARTIN LUTHER KING JR. BLVD.  
SUITE 375  
TAMPA, FL 33607  
ARCHITECT BUSINESS LICENSE NO.: AA26003274

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID

SR 60 PINELLAS 437498-1-52-02

DETAILS (3)

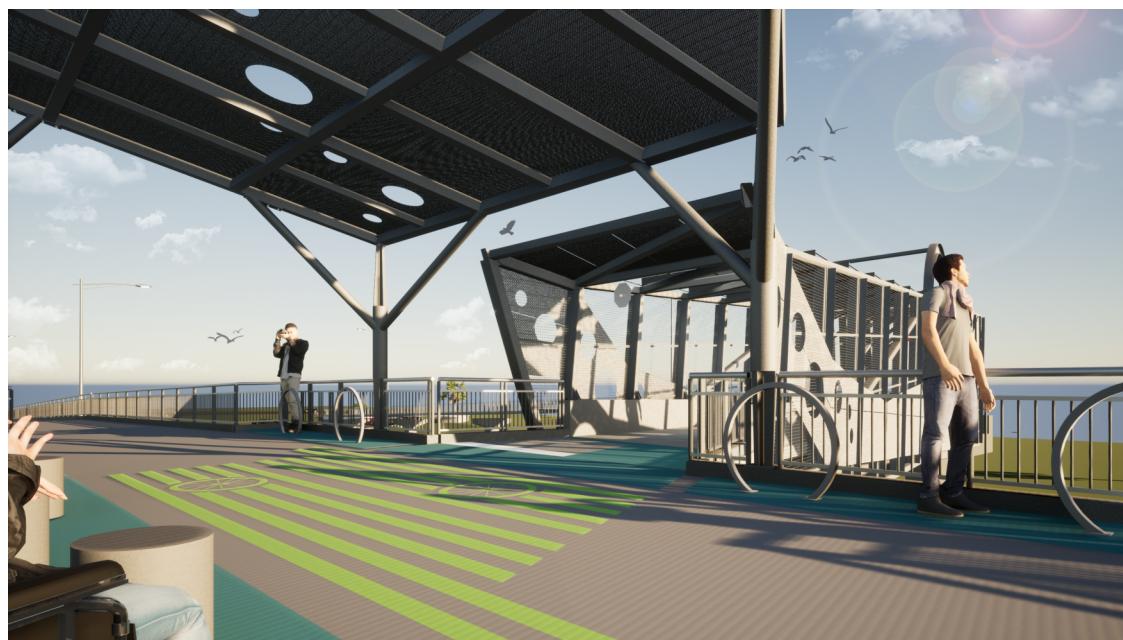
DWG NO.
AA-503
SHEET NO.



## 4 PERSPECTIVE VIEW



## 2 PERSPECTIVE VIEW



## 3 PERSPECTIVE VIEW



## 1 PERSPECTIVE VIEW

NOTE: ALL 3D IMAGES ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. THEY ARE NOT INTENDED FOR USE IN CONSTRUCTION AND DETAILING OF THE PROJECT

No.	Date	Issue / Revision	ERIC LUTTMANN, AIA AR 97111 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607  ARCHITECT BUSINESS LICENSE NO.: AA26003274	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PERSPECTIVES	DWG NO.
					SR 60	PINELLAS	437498-1-52-02		AA-901 SHEET NO.

ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
	BRANCH CIRCUIT CONDUIT AND WIRE CONCEALED ABOVE CEILING OR BEHIND FINISHED WALL	N/A
	RACEWAY EXPOSED ON WALL OR CEILING	N/A
	HOMERUN TO PANELBOARD - LETTER INDICATES PANEL, NUMBER INDICATES CIRCUIT, MINIMUM 3/4" CONDUIT. NOTE: ANY HOMERUN WITHOUT FURTHER DESIGNATION INDICATES TWO #12 AWG AND #12 AWG EQUIPMENT GROUND. DEDICATED CIRCUIT REQUIRES SEPARATE NEUTRAL	N/A
	CONDUIT CAPPED	N/A
	120/208 VOLT POWER PANELBOARD	M.H. 6'-0" TO TOP OR AS NOTED
	277/480 VOLT POWER PANELBOARD	M.H. 6'-0" TO TOP OR AS NOTED
	NON-FUSIBLE SWITCH	M.H. 6'-0" TO TOP OR AS NOTED
	FUSIBLE SAFETY SWITCH	M.H. 6'-0" TO TOP OR AS NOTED
	DUPLEX RECEPTACLE - 120VAC	M.H. 42" AFF TO BOTTOM OR AS NOTED
	DOUBLE DUPLEX RECEPTACLE - 120VAC	M.H. 16" AFF TO BOTTOM OR AS NOTED
	DUPLEX RECEPTACLE - 120VAC. LETTER NEXT TO DEVICE INDICATES THE FOLLOWING: 'WP' = WEATHERPROOF TYPE. 'GFI' = GROUND FAULT PROTECTION TYPE. 'DL' = DAMP LOCATION WEATHERPROOF COVER (NOT IN USE TYPE) 'TP' = TAMPER PROOF.	M.H. 16" AFF TO BOTTOM

THIS IS A STANDARD LEGEND.  
NOT ALL DEVICES SHOWN ARE USED IN THESE DOCUMENTS.

ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
	SURFACE MOUNTED LED LUMINAIRE, LETTER INDICATES TYPE.	SURFACE MTD - SEE FIXTURE SCHEDULE
	SURFACE LED LUMINAIRE, LETTER INDICATES TYPE.	SURFACE MTD - SEE FIXTURE SCHEDULE
	SURFACE LED LUMINAIRE, LETTER INDICATES TYPE.	SURFACE MTD - SEE FIXTURE SCHEDULE
	SINGLE POLE SWITCH (120/277V), LETTER INDICATES FIXTURE GROUPING BY SWITCH	M.H. 48" AFF TO TOP
	THREE WAY SWITCH (120/277V), LETTER INDICATES FIXTURE GROUPING BY SWITCH	M.H. 48" AFF TO TOP
	SINGLE POLE SWITCH (120/277V), KEY OPERATED. LETTER INDICATES FIXTURE GROUPING BY SWITCH	M.H. 48" AFF TO TOP
	MOTOR/HP RATED TOGGLE SWITCH SIZED PER MOTOR MANUFACTURER'S RECOMMENDATION, MINIMUM 20 AMP.	SURFACE, ADJACENT TO OR ON MOTOR
	LINE VOLTAGE (120/277 VOLT) SWITCH WITH INTEGRAL OCCUPANCY SENSOR (AUTO ON/AUTO OFF)	M.H. 48" AFF TO TOP
	LOW VOLTAGE LIGHTING CONTROL WALL SWITCH. PUSH BUTTON ON/OFF, STAINLESS STEEL COVERPLATE. COORDINATE WITH THE OCCUPANCY SENSOR. LETTER INDICATES FIXTURE GROUPING BY SWITCH	M.H. 48" AFF TO TOP
	LOW VOLTAGE MULTI-WAY LIGHTING CONTROL WALL SWITCH (e.g. 3-WAY). PUSH BUTTON ON/OFF, STAINLESS STEEL COVERPLATE. COORDINATE WITH THE OCCUPANCY SENSOR. LETTER INDICATES FIXTURE GROUPING BY SWITCH	M.H. 48" AFF TO TOP
	PUSH-BUTTON DIMMER SWITCH, ON/OFF/DIMMING - 0-10V. LED DIMMER SHALL BE COMPATIBLE WITH LED DRIVER AND OCCUPANCY SENSOR.	M.H. 48" AFF TO TOP
	MULTI-WAY PUSH-BUTTON DIMMER SWITCH, ON/OFF/DIMMING (MULTI-WAY APPLICATION WITH NON-DIMMING UNITS ONLY) 0-10V LED DIMMER SHALL BE COMPATIBLE WITH LED DRIVER AND OCCUPANCY SENSOR.	M.H. 48" AFF TO TOP

**ELECTRICAL GENERAL NOTES:**  
(THESE NOTES APPLY TO ALL SHEETS)

- ALL ELECTRICAL WORK SHALL MEET ALL OF THE REQUIREMENTS OF THE FOLLOWING:
  - FLORIDA BUILDING CODE (FBC) 8TH EDITION (2023) (EFFECTIVE DECEMBER 31, 2023); THIS CODE INCLUDES THE 2023 FBC BUILDING, MECHANICAL, PLUMBING, ENERGY CONSERVATION, FUEL GAS, ACCESSIBILITY, AND TEST PROTOCOLS VOLUMES. FURTHER, SEE "REFERENCED STANDARDS" IN THE FBC BUILDING CHAPTER 35; FBC MECHANICAL CHAPTER 15; FBC PLUMBING CHAPTER 15; FBC ENERGY CONSERVATION CHAPTER 6; AND FBC FUEL GAS CHAPTER 8.
  - 8TH EDITION OF THE FLORIDA FIRE PREVENTION CODE (FFPC); THIS CODE ALSO INCLUDES THE FLORIDA VERSIONS OF NFPA 1 AND NFPA 101. (EFFECTIVE DECEMBER 31, 2023).
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND VERIFY THE EXISTING CONDITIONS TO GAIN KNOWLEDGE OF THE SCOPE OF WORK INVOLVED.
- "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
- IN GENERAL, THESE DRAWINGS ARE SCHEMATIC IN NATURE AND SHOULD NOT BE SCALED. IT SHALL NOT BE THE INTENT OF THESE PLANS AND/OR SPECIFICATIONS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. PROVIDE ALL ITEMS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
- ELECTRICAL INSTALLATION SHALL BE CLOSELY COORDINATED WITH ALL OTHER TRADES. REVIEW THE ENTIRE SET OF DOCUMENTS FOR COORDINATION. NO COST SHALL BE ASSOCIATED WITH ILL-TIMED INSTALLATION INCLUDING ANY REPAIRS OR REPLACEMENTS.
- ALL CONDUITS AND BOXES SHALL BE CONCEALED AS MUCH AS POSSIBLE UNLESS OTHERWISE NOTED. ALL CONDUIT RUNS ARE SCHEMATIC IN NATURE. EXACT ROUTING TO BE DETERMINED IN THE FIELD UNLESS OTHERWISE NOTED.
- APPLY A BITUMASTIC COATING FOR ALL CONDUITS PENETRATING FLOOR SLABS OR OTHERWISE EXTENDING FROM BELOW GRADE.
- PROVIDE ALL REQUIRED PULL BOXES, JUNCTION BOXES, ETC. FOR A COMPLETE INSTALLATION.
- ALL CONDUCTORS SHALL BE STRANDED COPPER, THHN/THWN, MINIMUM #12 AWG. ALL CONDUCTORS SHALL BE IN CONDUIT.
- MC CABLE OR OTHER PREMANUFACTURED CABLING SHALL NOT BE USED.
- ALL CIRCUITS SHALL CONTAIN A SEPARATE, GREEN, COPPER GROUNDING CONDUCTOR.
- PANELBOARDS SHALL BE ACCURATELY LABELED TO IDENTIFY FINAL CIRCUIT NUMBERS UTILIZED, THEIR LOAD AND LOCATION.
- DO NOT SHARE NEUTRALS. PROVIDE DEDICATED NEUTRALS FOR EACH CIRCUIT.
- ALL ABOVE GROUND CONDUIT SHALL BE INTERMEDIATE ALUMINUM WITH STAINLESS STEEL SUPPORTS AND CONDUIT STRAPS.
- ALL BRANCH CIRCUIT BOXES SHALL BE CAST ALUMINUM WEATHERPROOF TYPE.
- ALL RACEWAYS AND BOXES SHALL BE INSTALLED WHERE CONCEALED FROM VIEWS FROM THE HIGHWAY AND CONCEALED FROM VIEW IN GENERAL AS MUCH AS POSSIBLE.
- REFER TO TECHNICAL SPECIAL PROVISIONS (SPECIFICATIONS) FOR MORE REQUIREMENTS.

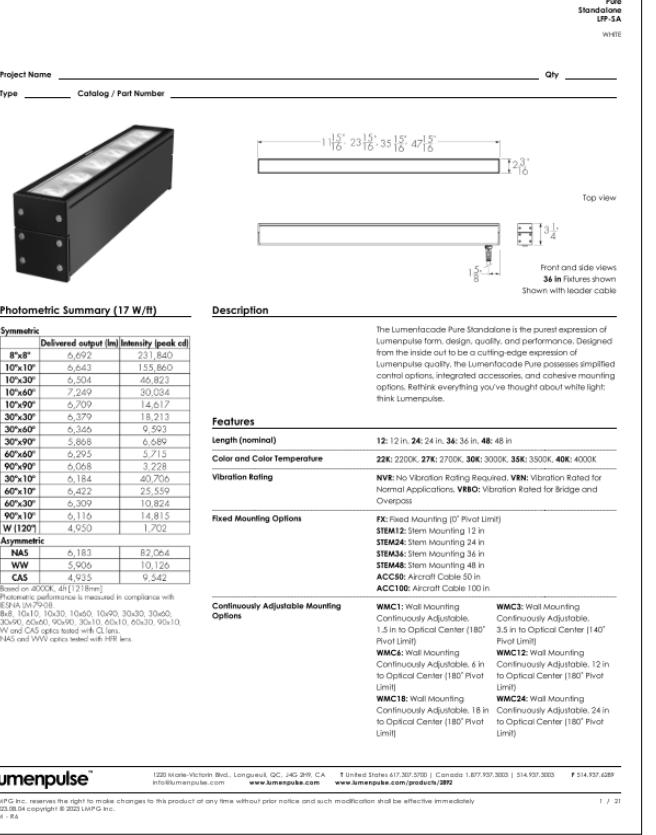
ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
E	EXISTING
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EG	EQUIPMENT GROUND
ESB	ENERGY SAVING BALLAST
EXP	EXPLOSION PROOF
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
FDP	FLAT PANEL DISPLAY
GFI	GROUND FAULT PROTECTION
G, GND	GROUND
GWB	GYPSUM WALL BOARD
H.D.	HAND DRYER
INT	INTERCOM/PAGING CABINET
MTG	MOUNTING
MTD	MOUNTED
M.H.	MOUNTING HEIGHT
N/A	NOT APPLICABLE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
PROJ	PROJECTOR LOCATION
U.O.N.	UNLESS OTHERWISE NOTED
U.G.	UNDERGROUND
R	REMOVE
RL	RELOCATED
WP	WEATHER PROOF

ELECTRICAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
AE-001	ELECTRICAL GENERAL NOTES AND SYMBOL LEGEND
AE-002	LUMINAIRE SCHEDULE AND CUT SHEETS
AE-101	ELECTRICAL PLAN
AE-201	OVERPASS ELEVATIONS - LIGHTING
AE-301	PHOTOMETRIC PLAN
AE-601	ELECTRICAL RISER DIAGRAM
AE-701	ELECTRICAL DETAILS (1)
AE-702	ELECTRICAL DETAILS (2)

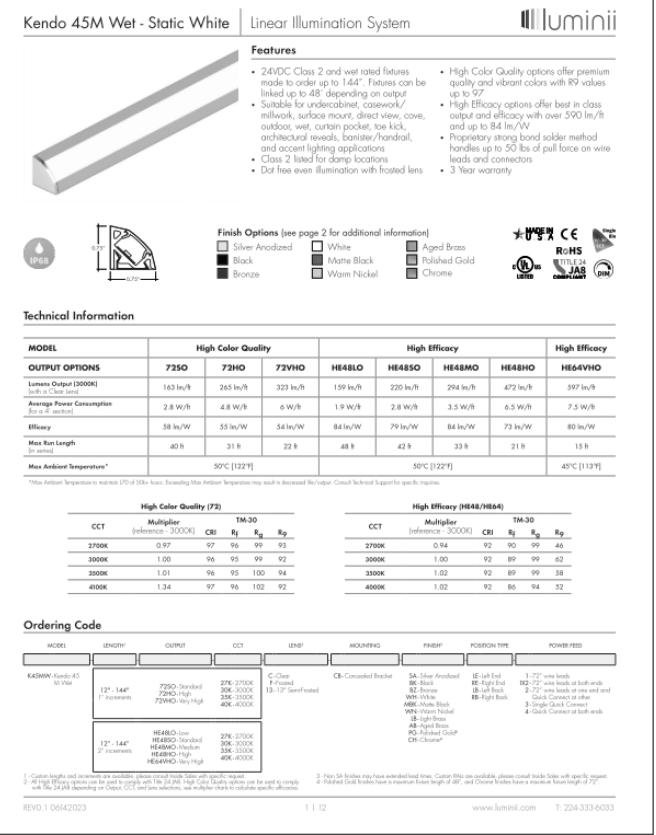
No.	Date	Issue / Revision	ROBERT C. ANSTON, PE PE 40858 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ELECTRICAL GENERAL NOTES AND SYMBOL LEGEND	DWG NO.		
					ROAD NO.	AE-001		
					SR 60	SHEET NO.		
					PINELLAS	437498-1-52-02		

### TYPE 'A'

## Specification Sheet

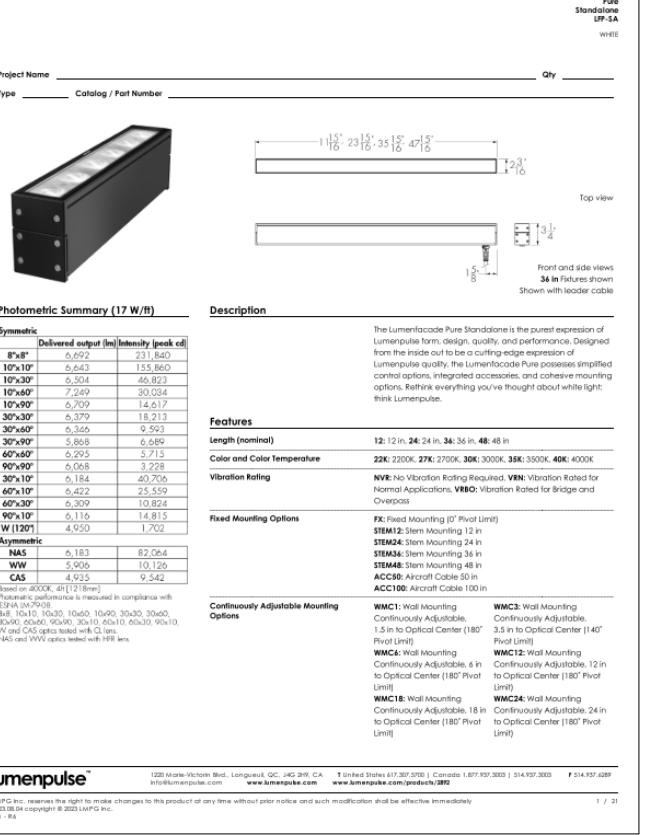


### TYPE 'B'



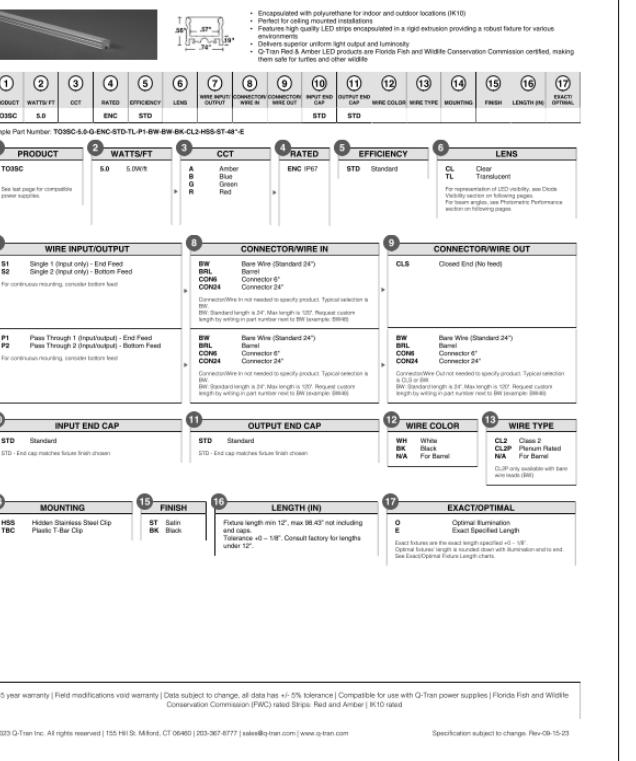
### TYPE 'C' AND 'D'

## Specification Sheet



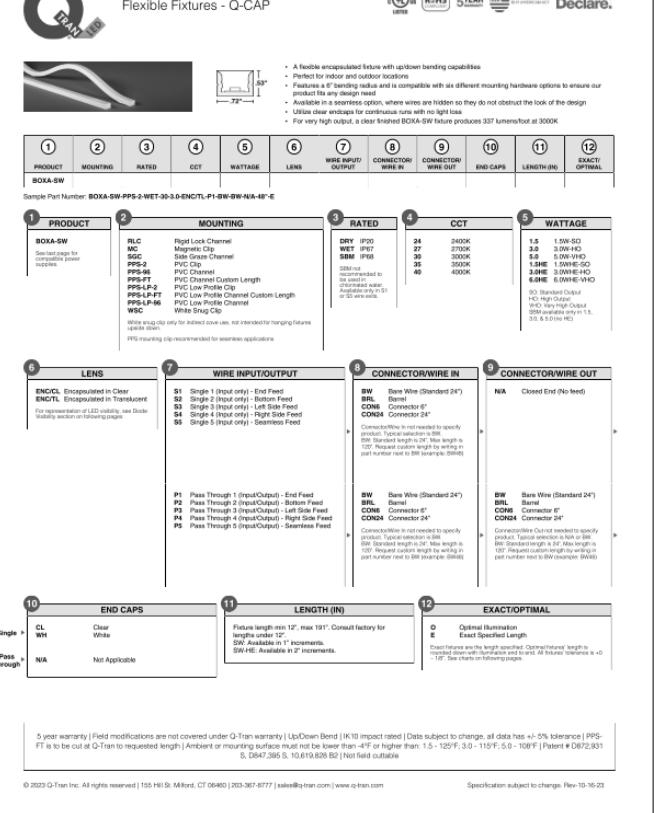
### TYPE 'F'

**TALO-ENCAPSULATED (03)  
STATIC COLOR**  
Linear Fixtures - Surface

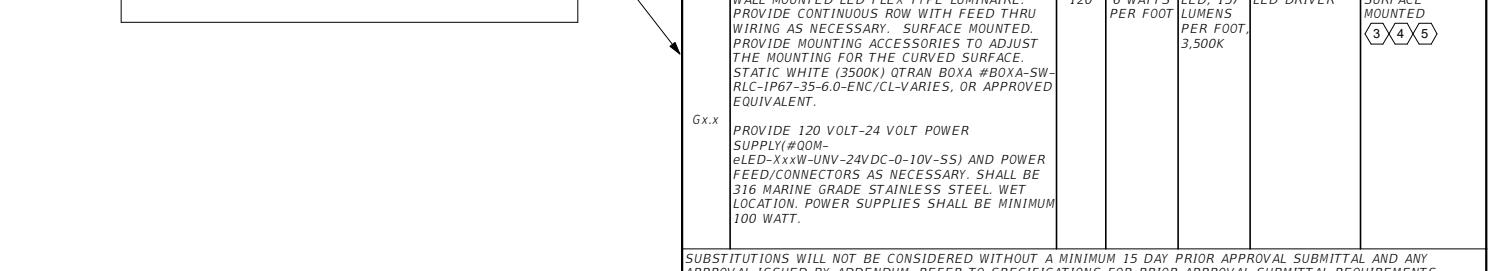


## TYPE 'G'

BOXA™ STATIC WHITE



**NOTE:**  
*x.x* INDICATES LENGTH OF LUMINAIRE IN FEET AND INCHES  
**EXAMPLE:**  
66.6 = FIXTURE TYPE 'G', LENGTH 6'-6"  
  
REFER TO PLANS FOR ADDITIONAL INFORMATION.



**NOTES:**

- ▷ FINAL SELECTION OF ALL LUMINAIRE CONNECTOR TYPES AND LOCATIONS ARE TO BE DETERMINED AND COORDINATED DURING SHOP DRAWING REVIEW. SHOP DRAWINGS SHALL DEPICT THE PROPOSED CONNECTOR TYPES AND LOCATIONS AND ASSOCIATED WIRING IN AND OUT. ALL EXPOSED HARDWARE AND MOUNTING ACCESSORIES SHALL BE STAINLESS STEEL OR LOW COPPER ALUMINUM.
- ▷ ALL FINAL COLORS WILL BE SELECTED DURING SHOP DRAWING REVIEW, INCLUDING MOUNTING STEMS. PROVIDE FOR CUSTOM COLORS TO BE SELECTED BY THE ARCHITECT.
- ▷ WIRE IN AND OUT, CONNECTOR TYPE IN AND OUT, AND CONFIGURATION SHALL BE SUBMITTED WITH SHOP DRAWINGS FOR REVIEW. ILLUMINATION SHALL BE CONTINUOUS. ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL.
- ▷ PROVIDE MOUNTING TO THE STRUCTURE APPROXIMATELY EVERY 12 INCHES. ADJUST THE DISTANCE AS NEEDED FOR THE LUMINAIRE G TO ALLOW FOR CONTINUOUS SMOOTH BENDS. ALL MOUNTING CLIPS AND HARDWARE SHALL BE STAINLESS STEEL.
- ▷ PROVIDE LAYOUT SHOP DRAWINGS FOR 'F' AND 'G' LUMINAIRES AND INCLUDE REQUIRED SUPPLIES.

<i>No.</i>	<i>Date</i>	<i>Issue / Revision</i>	

ROBERT C. ANSTON, PE  
PE 40858  
WGI, INC.  
3111 W. DR. MARTIN LUTHER KING JR. BLVD.  
SUITE 375  
TAMPA FL 33607

*STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION*

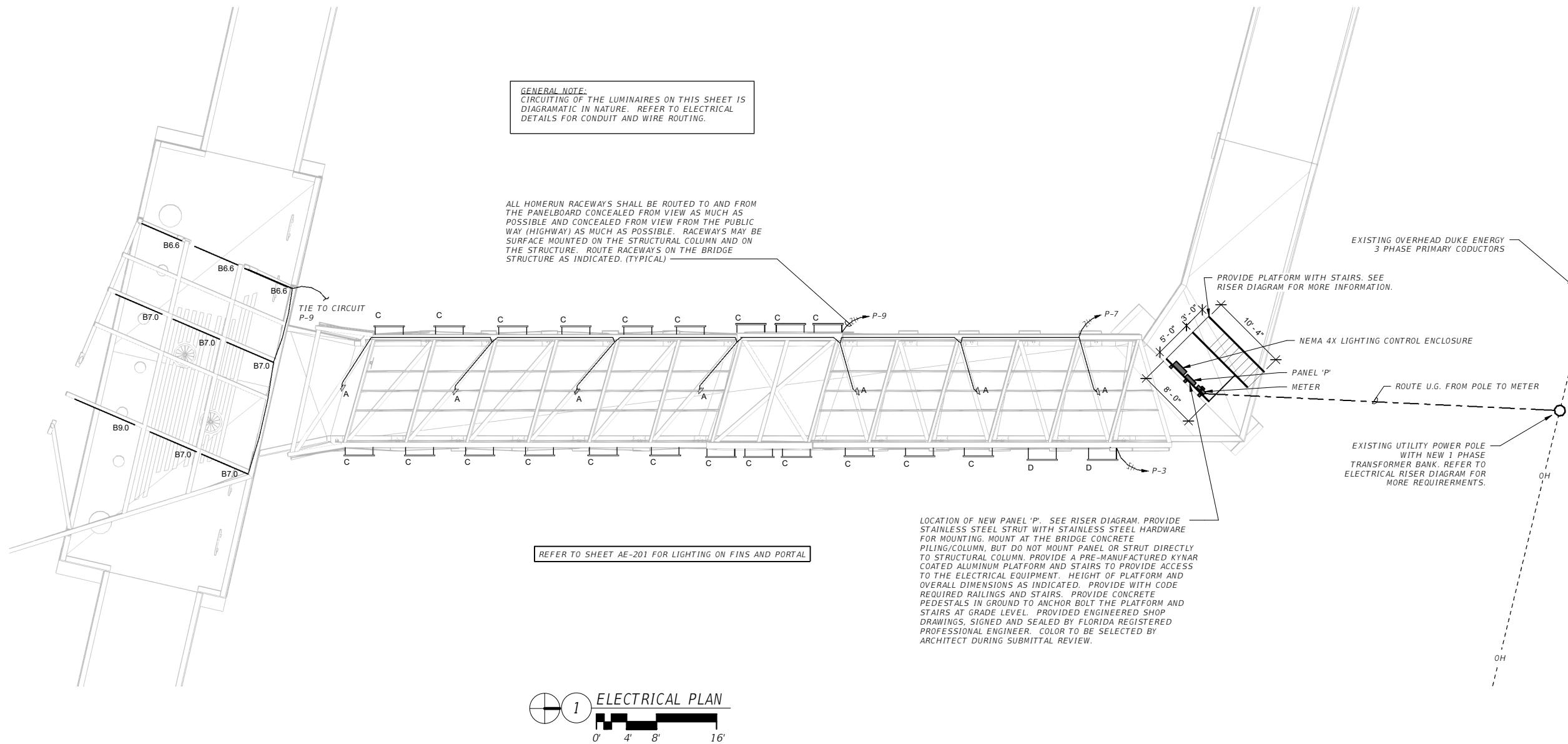
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 60	PINELLAS	437498-1-52-02

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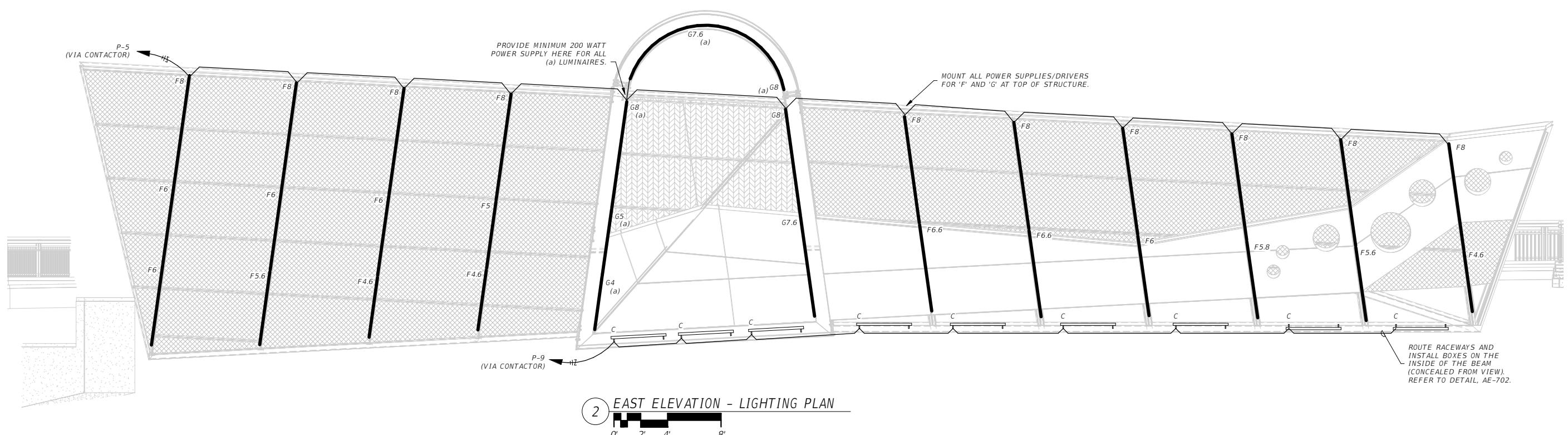
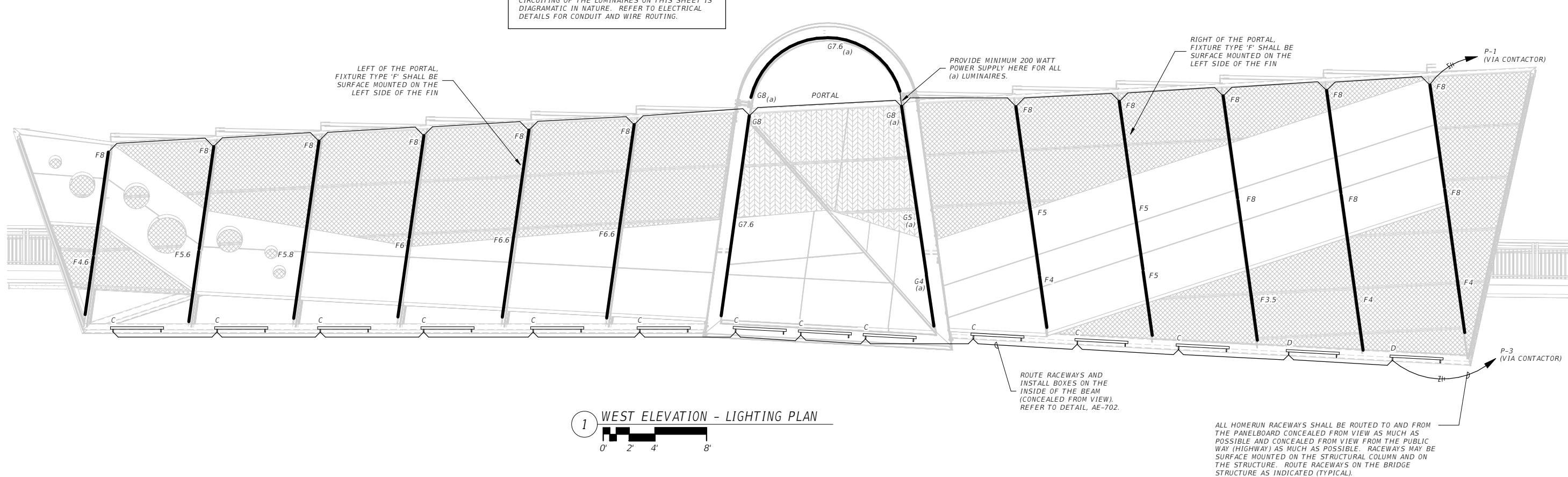
*LUMINAIRE SCHEDULE AND CUT SHEETS*

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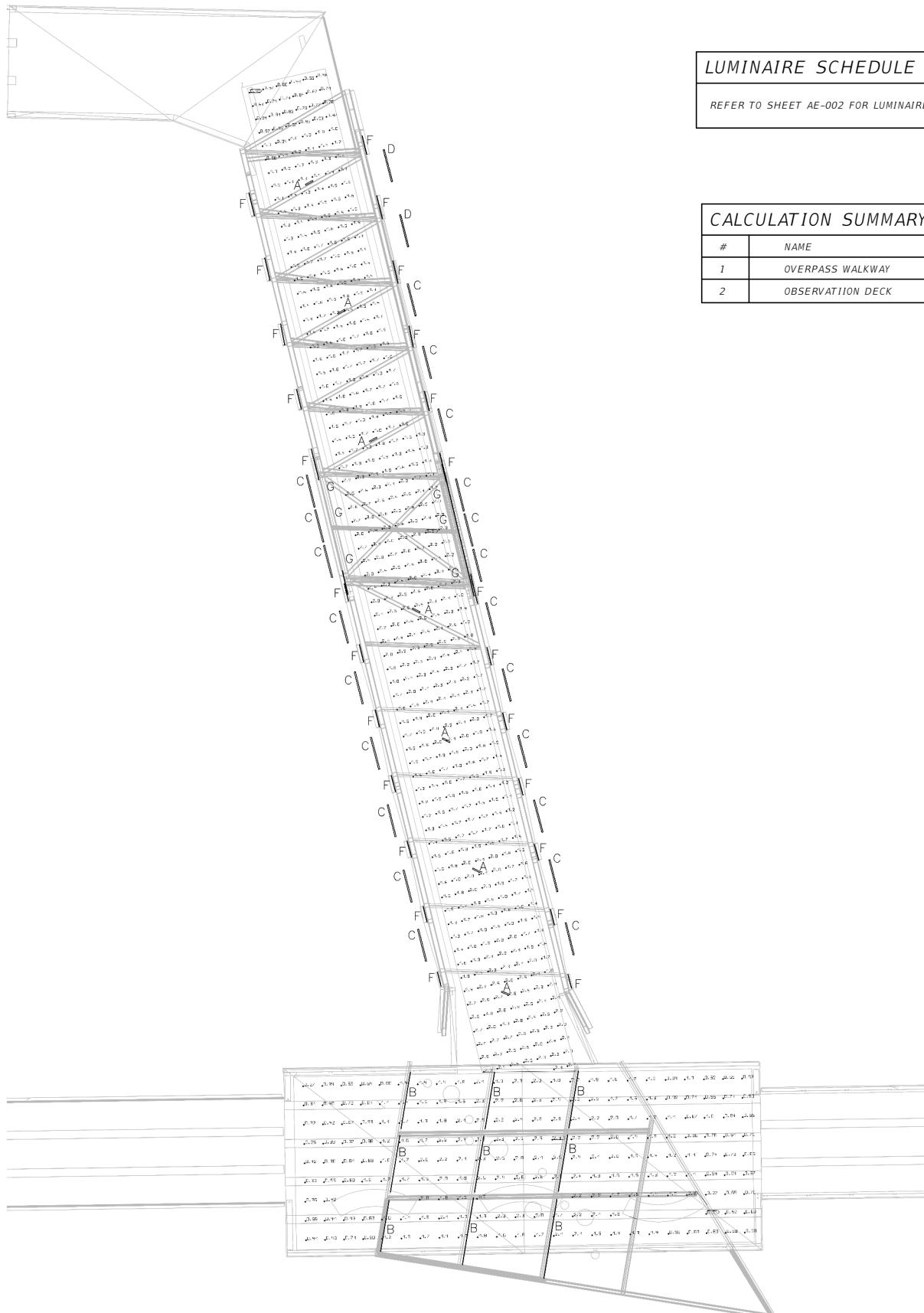
WG NO.  
E-002  
EET NO.



No.	Date	Issue / Revision	ROBERT C. ANSTON, PE PE 40858 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ELECTRICAL PLAN	DWG. NO. AE-101 SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID						
SR 60	PINELLAS	437498-1-52-02						



No.	Date	Issue / Revision	ROBERT C. ANSTON, PE PE 40858 WGL, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DWG. NO.
					SR 60	PINELLAS	437498-1-52-02	AE-201 OVERPASS ELEVATIONS - LIGHTING SHEET NO.



#### LUMINAIRE SCHEDULE

REFER TO SHEET AE-002 FOR LUMINAIRE INFORMATION AND CUT SHEETS

#### CALCULATION SUMMARY

#	NAME	MIN.	MAX.	AVERAGE	MEAN/MIN.	MAX/MIN.
1	OVERPASS WALKWAY	0.50 FC	3.28 FC	1.85 FC	4.08	7.23
2	OBSERVATION DECK	0.24 FC	2.85 FC	1.43 FC	5.89	11.77

#### PHOTOMETRIC PLAN

No.	Date	Issue / Revision	ROBERT C. ANSTON, PE PE 40858 WGL, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO.      COUNTY      FINANCIAL PROJECT ID SR 60      PINELLAS      437498-1-52-02	DWG NO.
					AE-301
					SHEET NO.

PHOTOMETRIC PLAN

### GENERAL NOTES:

1. COORDINATE ALL SITE WORK WITH UTILITY COMPANIES.
2. ALL CONDUIT ROUTED UNDERGROUND SHALL BE A MINIMUM OF 3/4" AND SHALL BE BURIED A MINIMUM OF 24" B.F.G.
3. HAND DIG TRENCHES NEAR ANY EXISTING UTILITIES OR SYSTEMS (I.E. IRRIGATION, ETC.). DAMAGE TO ANY EXISTING UTILITIES OR SYSTEMS SHALL BE REPAIRED TO NEW CONDITION AT NO COST TO THE OWNER.
4. PROVIDE HANDHOLES AND PULLBOXES AS REQUIRED. ALL PULLBOXES SHALL BE POLYMER CONCRETE (QUASITE OR EQUAL), FULL TIER 22 TRAFFIC RATED BOX AND COVER. COVERS TO BE LIFT OUT, LOCKING TYPE WITH (2) HEX HEAD BOLTS. COVERS TO INDICATE "ELECTRICAL". PROVIDE GRAVEL (1FT) IN BOTTOM OF PULLBOX. DIRECTIONAL BORE WHERE POSSIBLE.
5. DIRECTIONAL BORE UNDER ANY EXISTING SIDEWALKS OR PAVEWAYS/DRIVES.
6. COMPACT AND FILL ALL TRENCHES AND RESTORE DAMAGED GRASS AREAS TO ORIGINAL CONDITION WITH SOD (NO SEED ALLOWED).

### DRAWING NOTES:

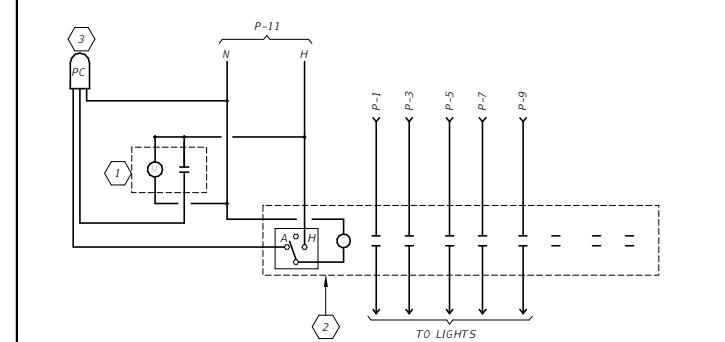
1. CONTACT DUKE ENERGY COMPANY, MAKE APPLICATION, SCHEDULE, AND COORDINATE ALL PRIMARY ELECTRICAL ALL ELECTRICAL WORK.
2. PROVIDE NEW SURGE SUPPRESSION DEVICES PER SPECIFICATION 26 43 13.
3. PROVIDE 6"X6" SQUARE CONCRETE POSTS WITH STAINLESS STEEL STRUT CHANNEL AND STAINLESS STEEL HARDWARE FOR MOUNTING OF PANEL AND EQUIPMENT. DO NOT MOUNT DIRECTLY TO OVERPASS STRUCTURAL SUPPORT COLUMN.
4. PROVIDE NEMA 4X ENCLOSURE FOR LIGHTING CONTROLS. TIMECLOCK AND CONTACTOR. ENCLOSURE SHALL HAVE A HINGED DOOR, PADLOCKABLE GASKETED AND WEATHERPROOF. CABINET SHALL BE 24" WIDE X 24" HIGH X 10" DEEP, ALL STAINLESS STEEL, WITH INTERNAL COLD ROLLED STEEL MOUNTING PANEL. MOUNTING BRACKETS, HINGES, AND STRIKERS ALL STAINLESS STEEL FULLY GASKETED, PADLOCKABLE. BUD PART NO. SNB-3754-555, ONLY WITH PABLELOCKABLE DOOR. MOUNT THE TIMECLOCK, CONTACTOR AND RECEPTACLE INSIDE THE CABINET. REFER TO LIGHTING CONTROLS DETAIL FOR MORE INFORMATION.
5. PROVIDE NEW FEED-THRU METER ENCLOSURE PER DUKE ENERGY STANDARDS.
6. PROVIDE A PRE-MANUFACTURED KYAR COATED ALUMINUM PLATFORM AND STAIRS TO PROVIDE ACCESS TO THE ELECTRICAL EQUIPMENT. HEIGHT OF PLATFORM AND OVERALL DIMENSIONS AS INDICATED ON SHEET AE-101, WITH HEIGHTS INDICATED HERE. PROVIDE WITH CODE REQUIRED RAILINGS AND STAIRS. PROVIDE CONCRETE PEDESTALS IN GROUND TO ANCHOR BOLT THE PLATFORM AND STAIRS AT GRADE LEVEL. PROVIDED ENGINEERED SHOP DRAWINGS, SIGNED AND SEALED BY FLORIDA REGISTERED PROFESSIONAL ENGINEER. COLOR TO BE SELECTED BY ARCHITECT DURING SUBMITTAL REVIEW.
7. ALL HOMERUN RACEWAYS SHALL BE ROUTED TO AND FROM THE PANELBOARD CONCEALED FROM VIEW AS MUCH AS POSSIBLE AND CONCEALED FROM VIEW FROM THE PUBLIC WAY (HIGHWAY) AS MUCH AS POSSIBLE. RACEWAYS MAY BE SURFACE MOUNTED ON THE STRUCTURAL COLUMN AND ON THE STRUCTURE. ROUTE RACEWAYS ON THE BRIDGE STRUCTURE AS INDICATED.
8. DO NOT MOUNT CONCRETE POST OR PLATFORM STRUCTURE DIRECTLY TO THE OVERPASS STRUCTURE SUPPORT COLUMN. UNISTRUT SUPPORT AND PLATFORM SHALL BE ISOLATED FROM THE COLUMN.

NEW PANEL										PROVIDE WITH NEMA 4X ENCLOSURE		
PANEL P			AIC RATING: 10000 AMPS			1PH, 3W			MLO: 0 AMPS			
DESCRIPTION			KVA	BKR	CKT	A	B	CKT	BKR	KVA	DESCRIPTION	
LTG; WEST	1.2	20	1			2	2P	0.0			SPD	
LTG; EAST	1.1	20	3			4	30	0.0			SPD	
LTG; EAST	0.2	20	5			6	20	0.0			SPARE	
LTG; WALKWAY	0.5	20	7			8	20	0.0			SPARE	
LTG; EAST & CANOPY	0.8	20	9			10	20	0.0			SPARE	
RECEPTACLE	0.2	20	11			12	20	0.0			SPARE	
SPACE	0.0	-	13			14	-	0.0			SPACE	
SPACE	0.0	-	15			16	-	0.0			SPACE	
SPACE	0.0	-	17			18	-	0.0			SPACE	
SPACE	0.0	-	19			20	-	0.0			SPACE	
SPACE	0.0	-	21			22	-	0.0			SPACE	
SPACE	0.0	-	23			24	-	0.0			SPACE	
SPACE	0.0	-	25			26	-	0.0			SPACE	
SPACE	0.0	-	27			28	-	0.0			SPACE	
SPACE	0.0	-	29			30	-	0.0			SPACE	

A PH = 2.20      B PH = 1.80

SERVES	CONN LOAD	FACTOR	FEED	DIVERSITY	KVAD	PANEL KVAD	
LIGHTING	3.80	x 1.25	=	4.75	x	=	
RECEPT	0.20	x *	=	0.20	x	=	
MISC EQUIP	0.00	x 1.00	=	0.00	x	=	
A/C	0.00	x 1.00	=	0.00	x	=	
HEATING	0.00	x 1.00	=	0.00	x	=	
LARGEST MOTOR	0.00	x 1.25	=	0.00	x	=	
OTHER MOTORS	0.00	x 1.00	=	0.00	x	=	
OTHER	0.00	x 1.00	=	0.00	x	=	
SPARE				19.05			
<b>TOTALS</b>	<b>4.00</b>	<b>KVA</b>		<b>24.00</b>	<b>KVA</b>		

\* PER N.E.C. TABLE 220.44

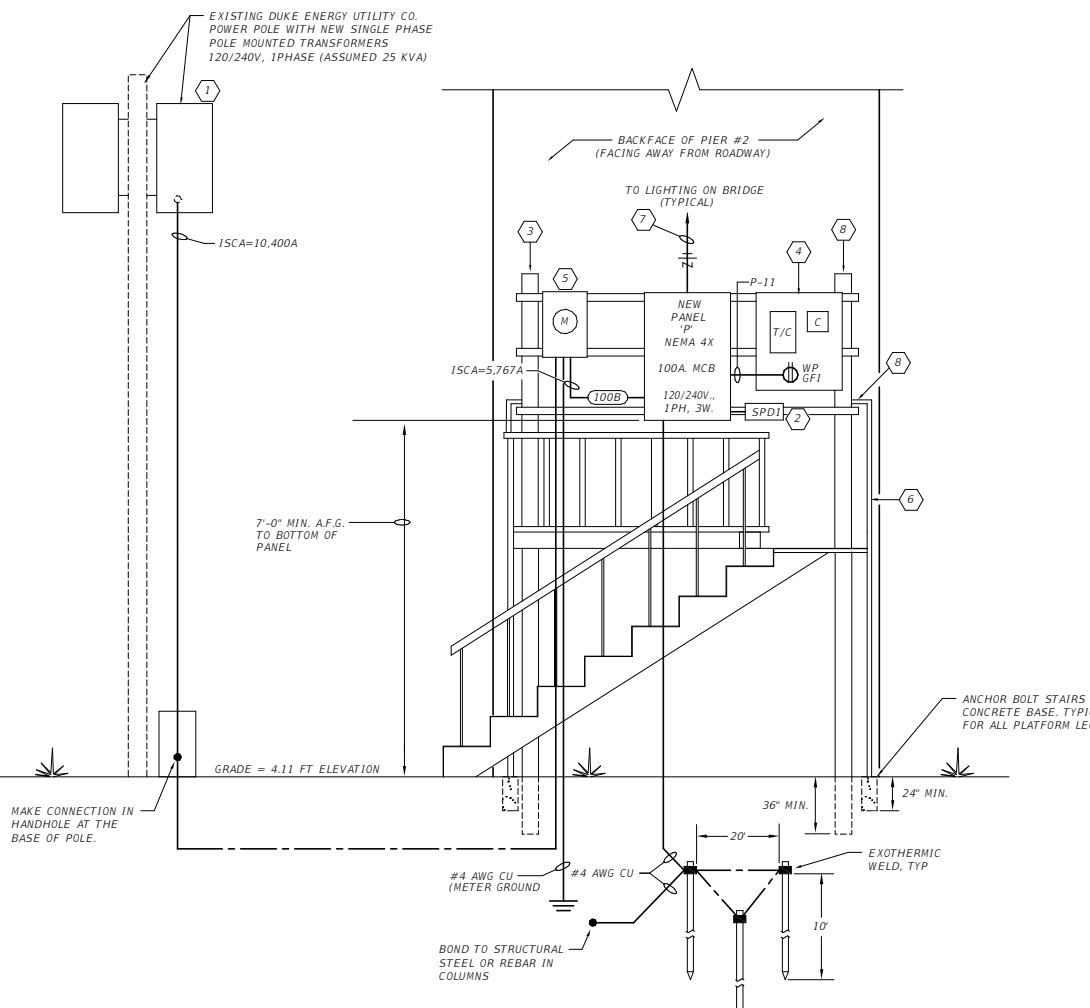


**EXTERIOR LIGHTING CONTROL DIAGRAM**  
NOT TO SCALE

#### DIAGRAM NOTES:

1. 7-DAY, ASTRONOMICAL DIGITAL TIME CLOCK FOR LIGHTING CONTROL, 120V, 40 AMP, SINGLE POLE, SINGLE CHANNEL, WITH CAPACITOR REAL-TIME POWER BACKUP (4 DAYS). (TORK/NSI #EWZ120 OR EQUAL BY INTERMATIC OR PARAGON, OR APPROVED EQUIVALENT). CIRCUIT TIME CLOCK MOTOR TO 120 VOLI CIRCUIT INDICATED. LOCATE IN LIGHTING CONTROLS CABINET. SEE SITE PLAN AND RISER.
2. ELECTRICALLY OPERATED, ELECTRICALLY HELD LIGHTING CONTACTOR (SQUARE 'D' #LG80), OR APPROVED EQUIVALENT FOR LIGHTING CONTROL, 30A RATED, 8 POLE, WITH A 120V COIL, NEMA 1 ENCLOSURE, WITH CONTROL FROM THE TIME CLOCK. LOCATE IN LIGHTING CONTROLS CABINET. SEE SITE PLAN AND RISER.
3. EXTERIOR FIXTURES SHALL BE CONTROLLED VIA A 120 VOLT PHOTOELECTRIC CELL MOUNTED INCONSPICUOUSLY ON THE UNISTRUT MOUNTING APPARATUS FACING NORTH. COORDINATE EXACT LOCATION AND MOUNTING IN THE FIELD FOR MAXIMUM PERFORMANCE. WIRE PE CELL TO LIGHTING CONTACTOR CONTROL COIL.

FEEDER SCHEDULE	
AMPS	CONDUIT & CABLING
100A	1-1/2" C; 2-#1, 1-#1 NEUTRAL, 1-#6 GROUND
100B	1-1/2" C; 2-#1, 1-#1 NEUTRAL



**ELECTRICAL RISER DIAGRAM**  
NOT TO SCALE

FEEDER/BRANCH CIRCUIT SCHEDULE													
DESCRIPTION		VOLTS	PHASE	TOTAL AMPS	PANEL G.C. SIZE AMPS	VOLTAGE DROP (VOLTS)	VOLTAGE DROP (%)	WIRE PER PHASE	NEUT WIRE	GND WIRE	# OF RUNS	CONDUIT SIZE	FEEDER LENGTH (FEET)
SERVICE/FEEDER		FROM	TO										
SERVICE POLE		PANEL 'P'		240	10	15.3	100A	0.30	0.13%	#1 AWG	#1 AWG	N/A	1
BRANCH CIRCUIT		FROM	TO										
PANEL 'P'		CIRCUIT P-1 ENDPOINT		120	10	9.8	20	3.57	2.86%	#10 AWG	#10 AWG	#10 AWG	1
PANEL 'P'		CIRCUIT P-3 ENDPOINT		120	10	1.8	20	0.95	0.67%	#10 AWG	#10 AWG	#10 AWG	1
PANEL 'P'		CIRCUIT P-5 ENDPOINT		120	10	9.2	20	3.07	2.43%	#10 AWG	#10 AWG	#10 AWG	1
PANEL 'P'		CIRCUIT P-7 ENDPOINT		120	10	0.5	20	0.47	0.27%	#10 AWG	#10 AWG	#10 AWG	1
PANEL 'P'		CIRCUIT P-9 ENDPOINT		120	10	6.4	20	2.84	2.25%	#10 AWG	#10 AWG	#10 AWG	1

NOTE 1: SEE DRAWINGS FOR CONDUIT SIZES  
NOTE 2: LENGTHS INCLUDE 10% SAFETY FACTOR. LENGTHS ARE FOR CALCULATION PURPOSES ONLY. CONTRACTOR SHALL USE THEIR OWN TAKE-OFFS FOR BID AND CONSTRUCTION PURPOSES.  
NOTE 3: TOTAL VOLTAGE DROP FOR WORST CASE BRANCH CIRCUIT IS 1.97 VOLTS (1.64%)

No.	Date	Issue / Revision

ROBERT C. ANSTON, PE  
PE 40858  
WGI, INC.  
3111 W. DR. MARTIN LUTHER KING JR. BLVD.  
SUITE 375  
TAMPA, FL 33607

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
ROAD NO. COUNTY FINANCIAL PROJECT ID  
SR 60 PINELAS 437498-1-52-02

**ELECTRICAL RISER DIAGRAM**

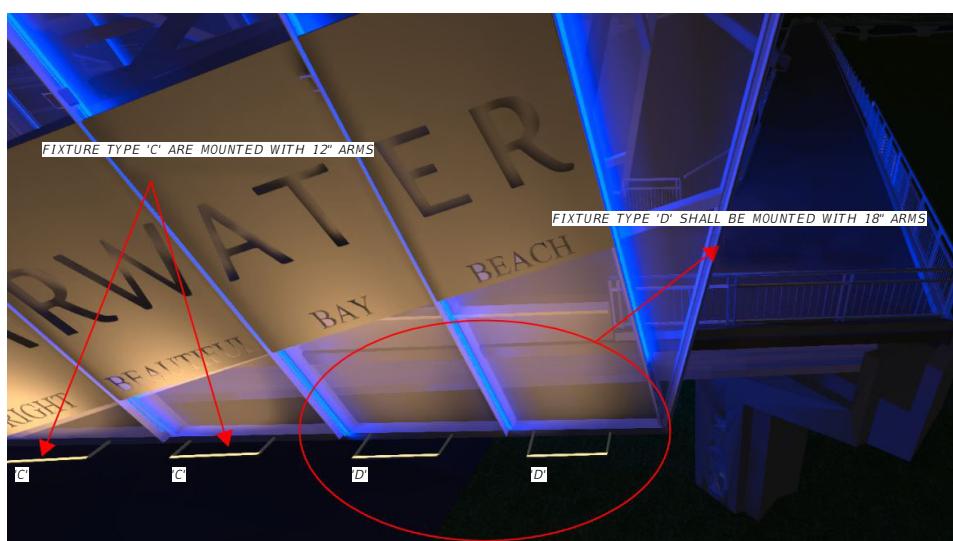
DWG NO.  
AE-601  
SHEET NO.



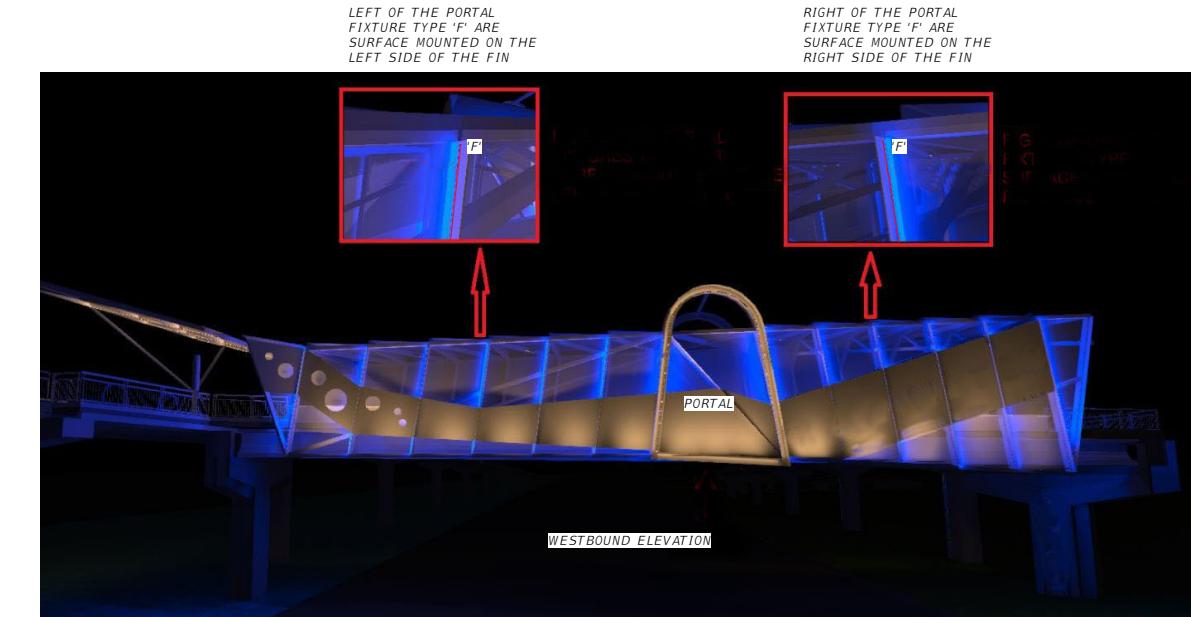
1 LUMINAIRE TYPE 'A' MOUNTING DETAIL



2 LUMINAIRE TYPE 'B' MOUNTING DETAIL



3 LUMINAIRE TYPES 'C' AND 'D' MOUNTING DETAIL



4 LUMINAIRE TYPE 'F' MOUNTING DETAIL

IMAGES ARE DIAGRAMMATIC  
TO SHOW INTENT - REFER TO  
PLAN VIEWS AND DETAILS

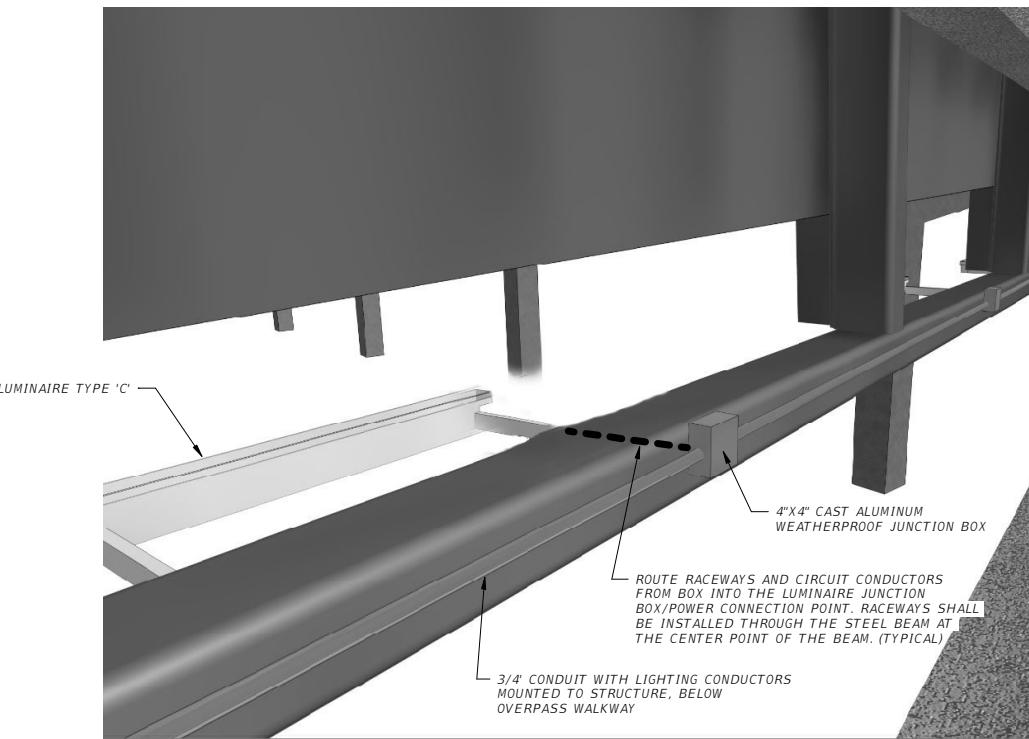
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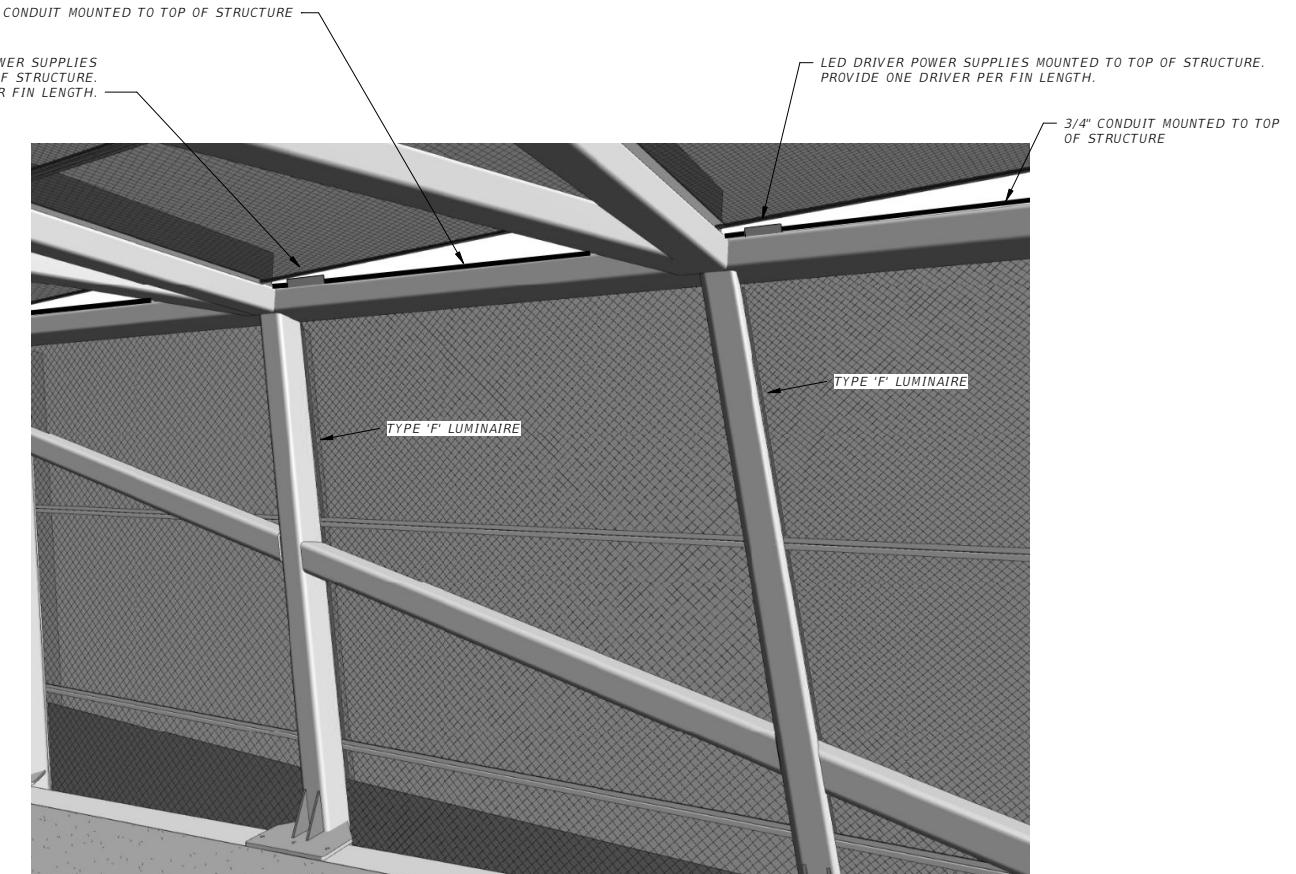
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2 LIGHTING CONDUIT ROUTING DETAIL



1 LED DRIVER MOUNTING DETAIL

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					SR 60	PINELLAS	437498-1-52-02	AE-702 SHEET NO.