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.

	TRANSPORTATION
	By:
	Print Name: <u>Francis Lewis, P.E.</u> 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	
Brian Aungst Sr.	Jennifer Poirrier
Mayor	City Manager
Date:	
Approved as to form:	Attest:
Owen Kohler	Rosemarie Call
Lead Assistant City Attorney	City Clerk

Exhibit A

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

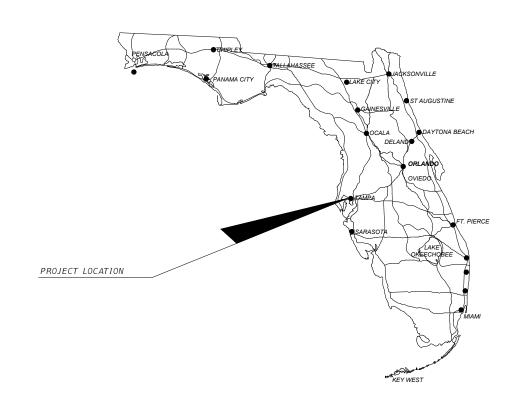
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

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)



ARCHITECT OF RECORD:

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

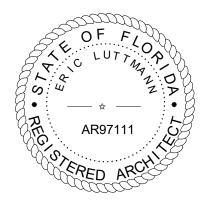
CONSTRUCTION	FISCAL	DWG	SHEET
CONTRACT NO.	YEAR	NO.	NO.
T7532	24	AG-000	

INDEX OF ARCHITECTURAL PLANS

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

ARCHITECTURAL PLANS

ERIC LUTTMANN, AIA LICENSE NUMBER AR 97111



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

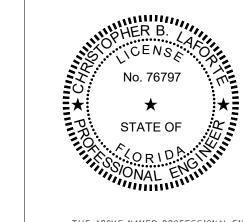
ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGN AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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.

SHEET TYPE GENERAL GENERAL GENERAL	DWG NO. AG-000 AG-001 AG-002	<u>DWG NAME</u> KEY SHEET SIGNATURE SHEET GENERAL NOTES
ARCHITECTURAL	AA-100	
ARCHITECTURAL ARCHITECTURAI	AA-101 AA-102	FLOOR PLAN ROOF PLAN
ARCHITECTURAL	AA-102 AA-102.1	
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



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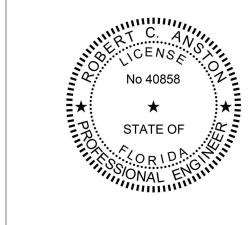
ON THE DATE ADJACENT TO THE SEAL

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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.

SHEET TYPE	DWG NO.	<u>DWG NAME</u>
GENERAL	AG-001	SIGNATURE SHEET
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)
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STRUCTURAL	AS-202	BRIDGE ELEVATIONS (3)
STRUCTURAL	AS-203	BRIDGE ELEVATIONS (4)
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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



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ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGN AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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 SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET TYPE	DWG NO.	<u>DWG NAME</u>
GENERAL	AG-001	SIGNATURE SHEET
ELECTRICAL	AE-001	ELECTRICAL GENERAL NOTES, SYMBOL LEGEND AND LUMINAIRE SCHEDULE
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)

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.

AG-001

SHEET NO

SIGNATURE SHEET

SYMBOLS LEGEND SEE SHEETS FOR SPECIFIC SYMBOLS DRAWING NUMBER NUMBER SEQUENCE - LOCATION / SHEET TYPE - DISCIPLINE / DRAWING TYPE DRAWING NUMBER NORTH ARROW STRUCTURAL GRIDS SHFFT ON SHEET ON WHICH WHICH ELEVATION ELEVATION IS DRAWN IS DRAWN EXTERIOR ELEVATION INTERIOR ELEVATION REFERENCE BUILDING SECTION NUMBER ARROW & TAIL INDICATE DIRECTION OF SECTION SHEET ON WHICH SECTION IS DRAWN **BUILDING SECTION REFERENCE** WALL SECTION NUMBER ARROW & TAIL INDICATE DIRECTION OF SECTION SHEET ON WHICH SECTION IS DRAWN WALL SECTION / DETAIL REFERENCE DETAIL SECTION NUMBER SHEET ON WHICH SECTION IS DRAWN DETAIL CALLOUT REFERENCE Room Name 0-0000 (G#) $\langle A \rangle$ NET SF DOOR TAG WINDOW TAG ROOM TAG WALL TAG ⚠ (1) 00 ¢ REVISION TAG NOTE TAG EQUIPMENT TAG CENTERLINE SPOT ELEVATION LEVEL HEAD ALIGN CJ

BUILDING CODES LIST

CODE COMPLIANCE

ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING CODES

- FLORIDA BUILDING CODE 8TH EDITION, 2023 -INCLUDING CHAPTER 35 REFERENCED STANDARDS FLORIDA BUILDING CODE 8TH EDITION, 2023 ENERGY
- FLORIDA BUILDING CODE 8TH EDITION, 2023 ACCESSIBILITY

FLORIDA FIRE PREVENTION CODE - 8TH EDITION (2023). INCLUDING FLORIDA SPECIFIC AMENDMENTS TO NFPA 1 AND NFPA 101. AND HAVE ANY LOCAL AMENDMENTS AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

REFER TO ALL PLANS AND OTHER CONTRACT DOCUMENTS FROM OTHER DISCIPLINES FOR ADDITIONAL CODE INFORMATION, TYP.

GENERAL NOTES

- 1. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE CODES AS LISTED IN THIS DRAWING SET
- 2. IN SOME CASES, THE REQUIREMENTS SET FORTH IN THE CONSTRUCTION DRAWINGS AND TECHNICAL SPECIAL PROVISIONS EXCEED THE MINIMUM REQUIREMENTS OF THE CODE.
- 3. COORDINATE THE SEQUENCING AND EXECUTION OF ALL TRADES IN STRICT CONFORMANCE WITH THE REQUIREMENTS OF ALL CONSTRUCTION DRAWINGS AND CONTRACT DOCUMENTS.
- 4. PROTECT THE PUBLIC FROM CONSTRUCTION ACTIVITIES AND PROVIDE FOR A SECURE CONSTRUCTION SITE.
- 5. PERFORM ALL WORK WITH STRICT ADHERENCE TO MANUFACTURERS' STANDARD INSTALLATION INSTRUCTIONS, AS WELL AS PER ENGINEERED SYSTEM/ASSEMBLY OR APPLICABLE
- 6. ASSURE MATERIALS AND SYSTEMS COMPATIBILITY THROUGHOUT, TYPICAL
- 7. PROVIDE MEANS AND METHODS TO ELIMINATE CONTACT BETWEEN DISSIMILAR METALS CAUSING GALVANIC CORROSION,
- 8. PROVIDE RECOMMENDED ARCHITECTURAL STEEL FRAMING SPLICE LOCATIONS FOR MULTI-DISCIPLINARY REVIEW.
- 9. REFER TO ALL PLANS AND OTHER CONTRACT DOCUMENTS FROM OTHER DISCIPLINES FOR ADDITIONAL INFORMATION, TYP.
- 10. ALL 3D IMAGES ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. THEY ARE NOT INTENDED FOR USE IN CONSTRUCTION AND DETAILING OF THE PROJECT.
- 11. THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

DWG NO. AG-002 SHEET NO

AR 97111 WGI, INC.	
ARCHITEC	T BUSINESS LICENSE NO.: AA26003274

No. Date

Issue / Revision

GRAPHIC SCALE

CONTROL JOINT

DESIGN CRITERIA

- AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" (IST EDITION).
- 2. AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), "LRFD BRIDGE DESIGN SPECIFICATION" (9TH
- 3. FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD
- SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FY 2023-24).
- 4. LOADING:
 - SELF-WEIGHT
 - 3. 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.

GENERAL CONDITION

No. Date

- 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.

 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.
- 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.
- 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.
- 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.
- 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.

Issue / Revision

- 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 SHAPESASTM 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 FEXX = 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 3/2" OR GREATER ADJACENT TO THE NUT. BOLT HEADS SHALL BE ON THE EXTERIOR/EXPOSED FACE OF THE MEMBERS.
ALL FASTENERS FOR ARCHITECTURAL PANELS SHALL BE 1/4" DIAMETER X 2" LONG SELF DRILLING SCREWS IN ACCORDANCE WITH ASTM C1513

. PAINTING

SEE ARCHITECTURAL DRAWINGS FOR FINISH/PAINTING SPECIFICATIONS.

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

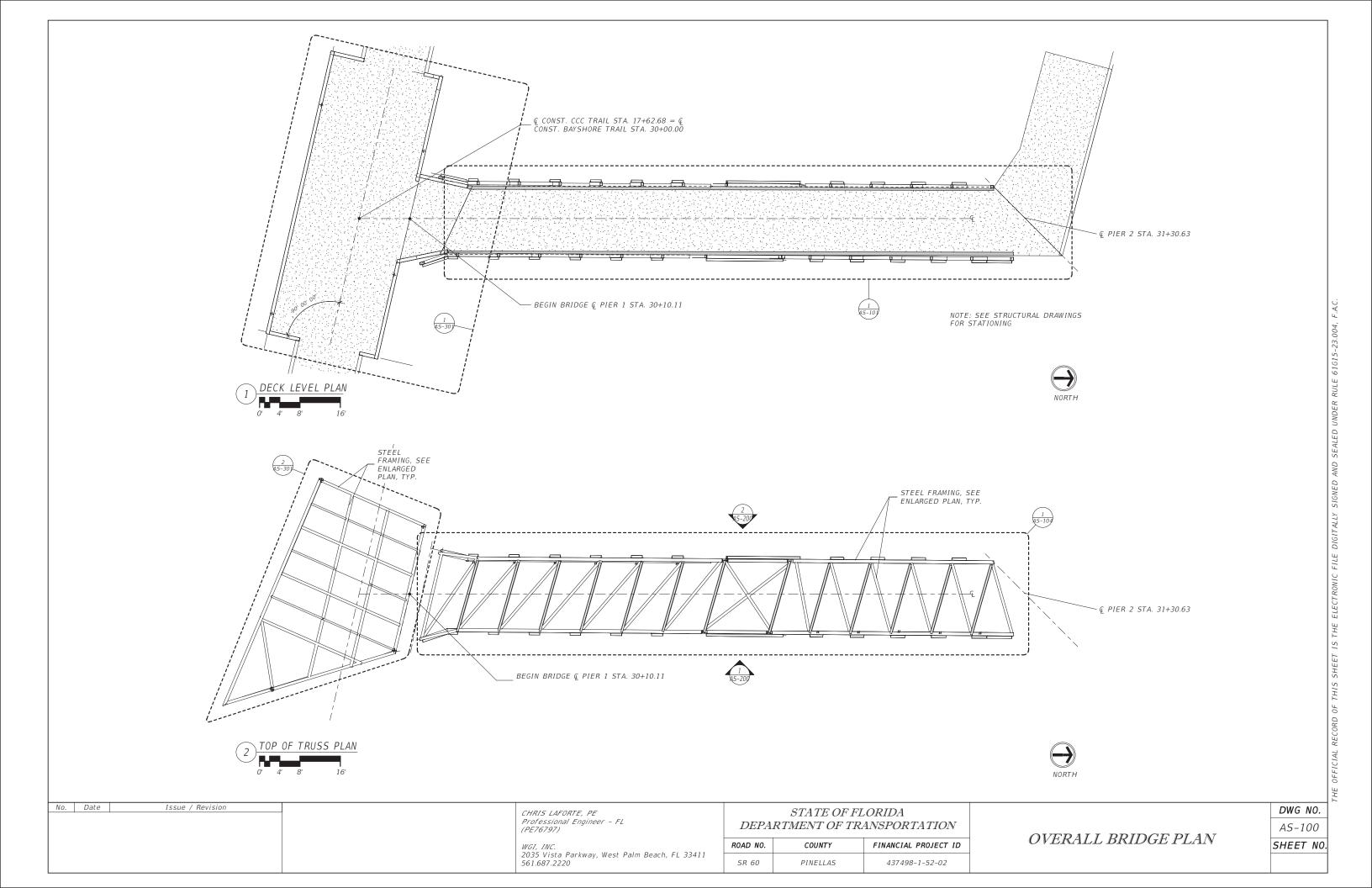
SR 60 PINELLAS 437498-1-52-02

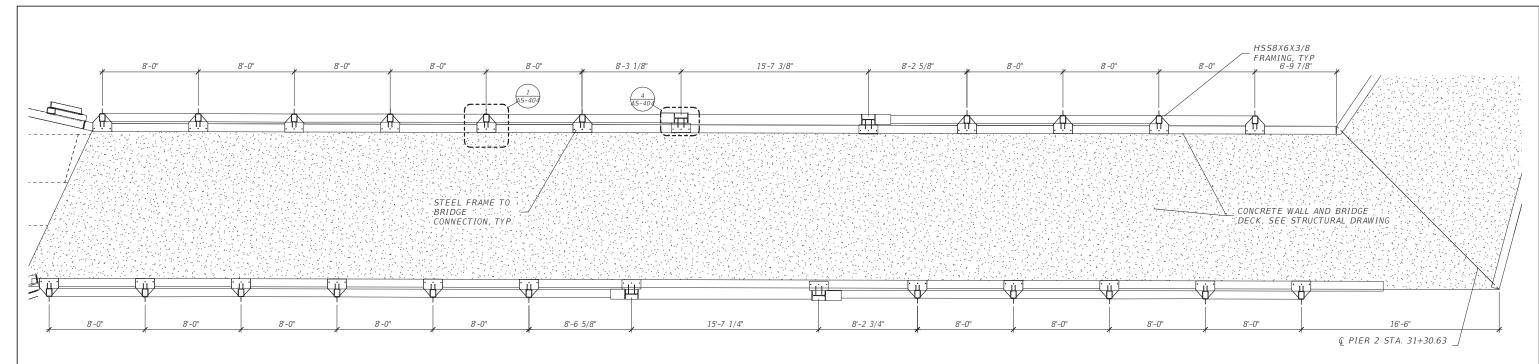
STRUCTURAL NOTES

DWG NO.

AS-001

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		1

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO. COUNTY FINANCIAL PROJECT ID		

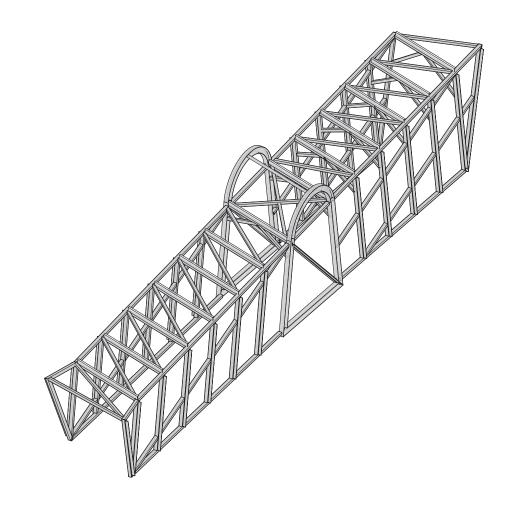
437498-1-52-02

PINELLAS

SR 60

BRIDGE DECK LEVEL

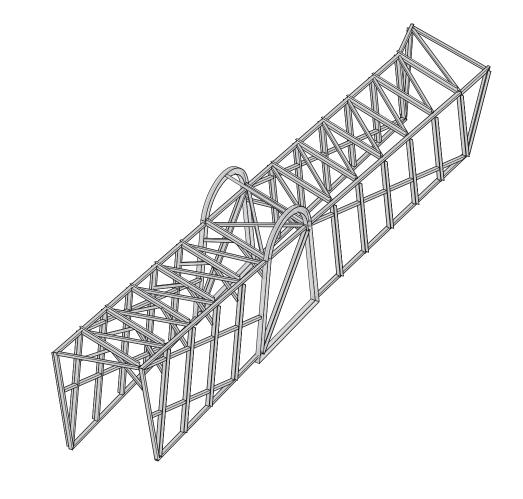
DWG NO	
AS-101	
SHEET N	0



ISOMETRIC VIEW LOOKING NORTHWEST











No.	Date	Issue / Revision

CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)

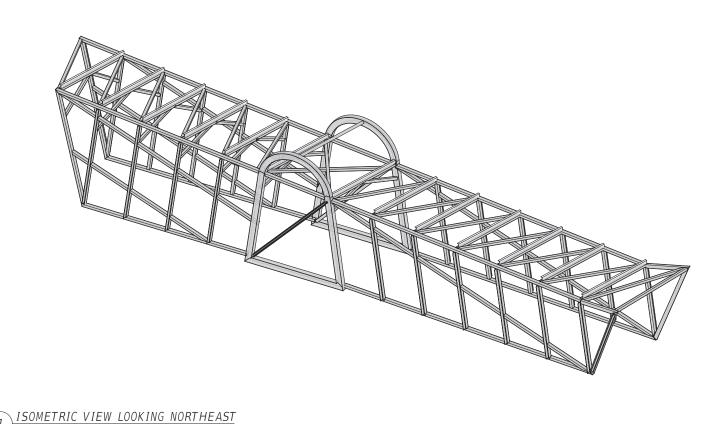
WGI, INC. 2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

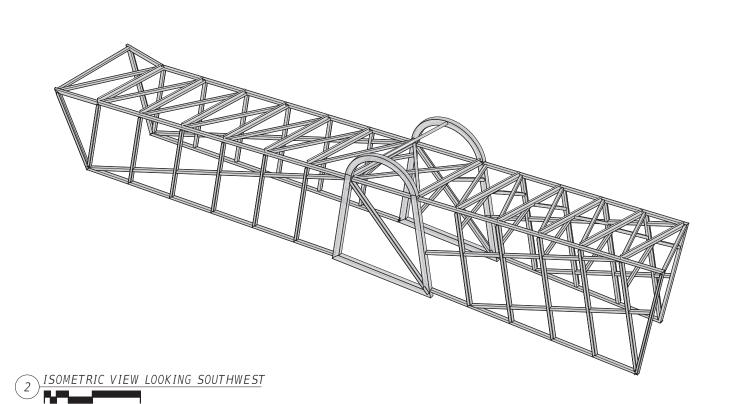
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
SR 60	PINELLAS	437498-1-52-02		

ISO-BRIDGE (1)

DWG NO. AS-102 SHEET NO.







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

ROAD NO. COUNTY FINANCIAL PROJECT ID

437498-1-52-02

PINELLAS

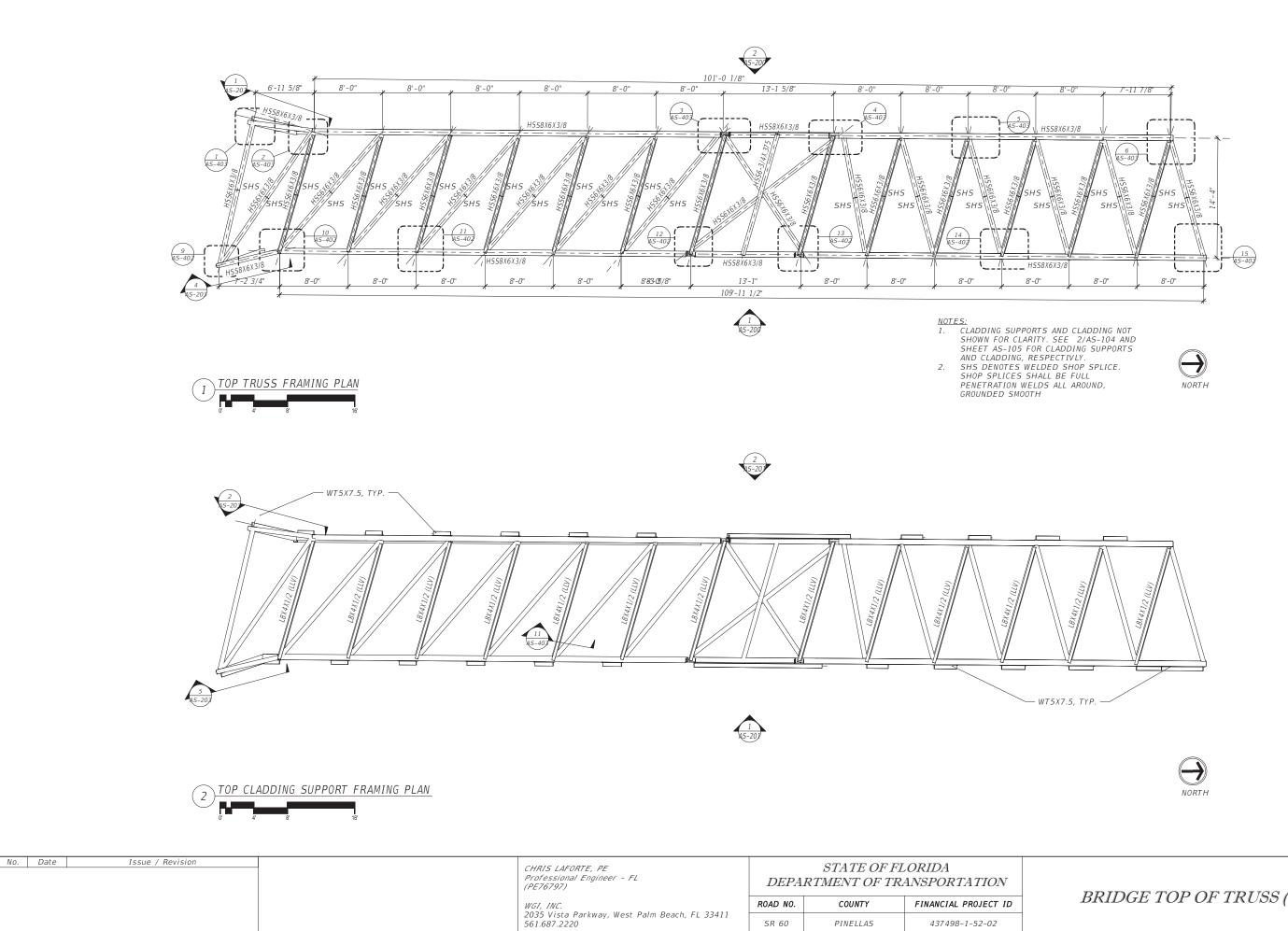
SR 60

ISO- BRIDGE (2)

DWG NO.

AS-103

SHEET NO.



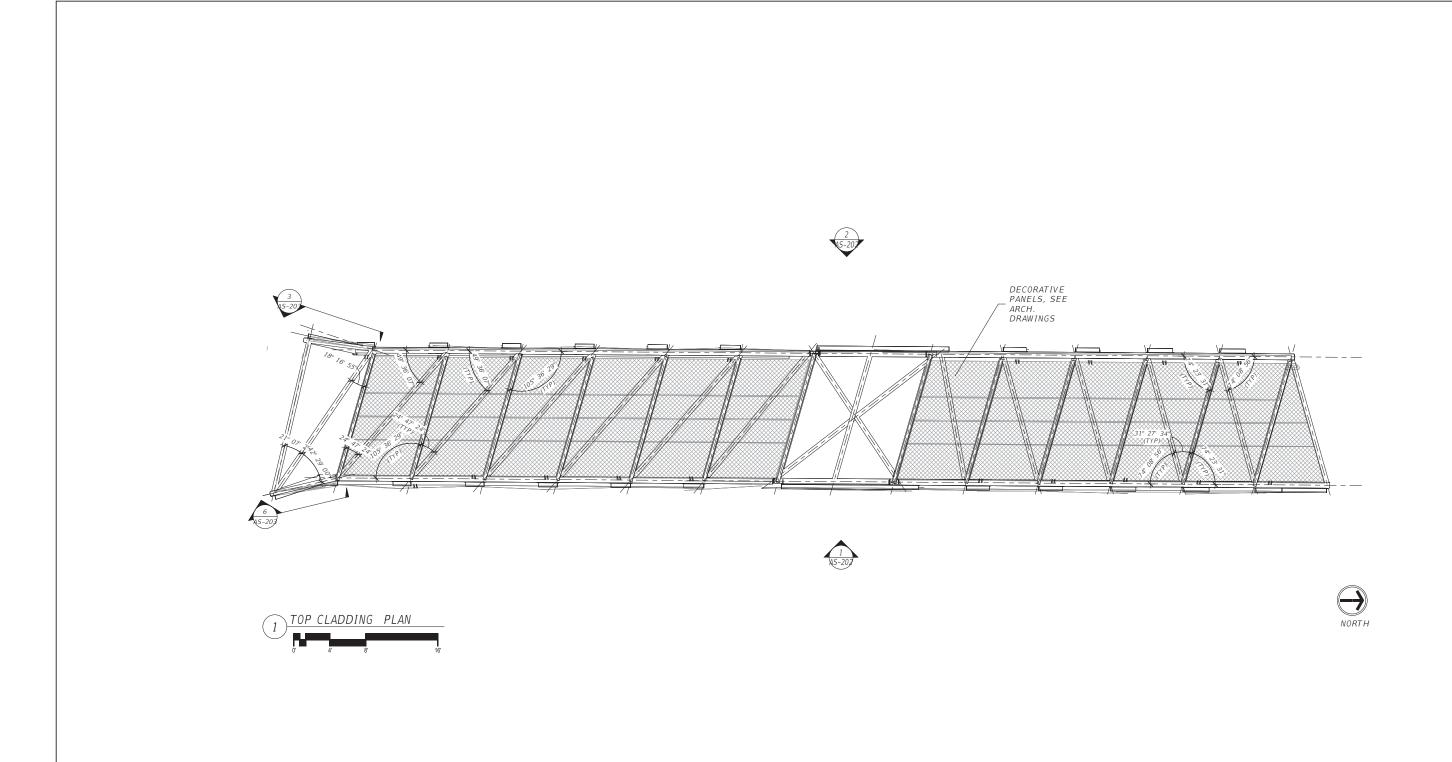
SR 60

PINELLAS

437498-1-52-02

BRIDGE TOP OF TRUSS (1)

DWG NO. AS-104 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

437498-1-52-02

PINELLAS

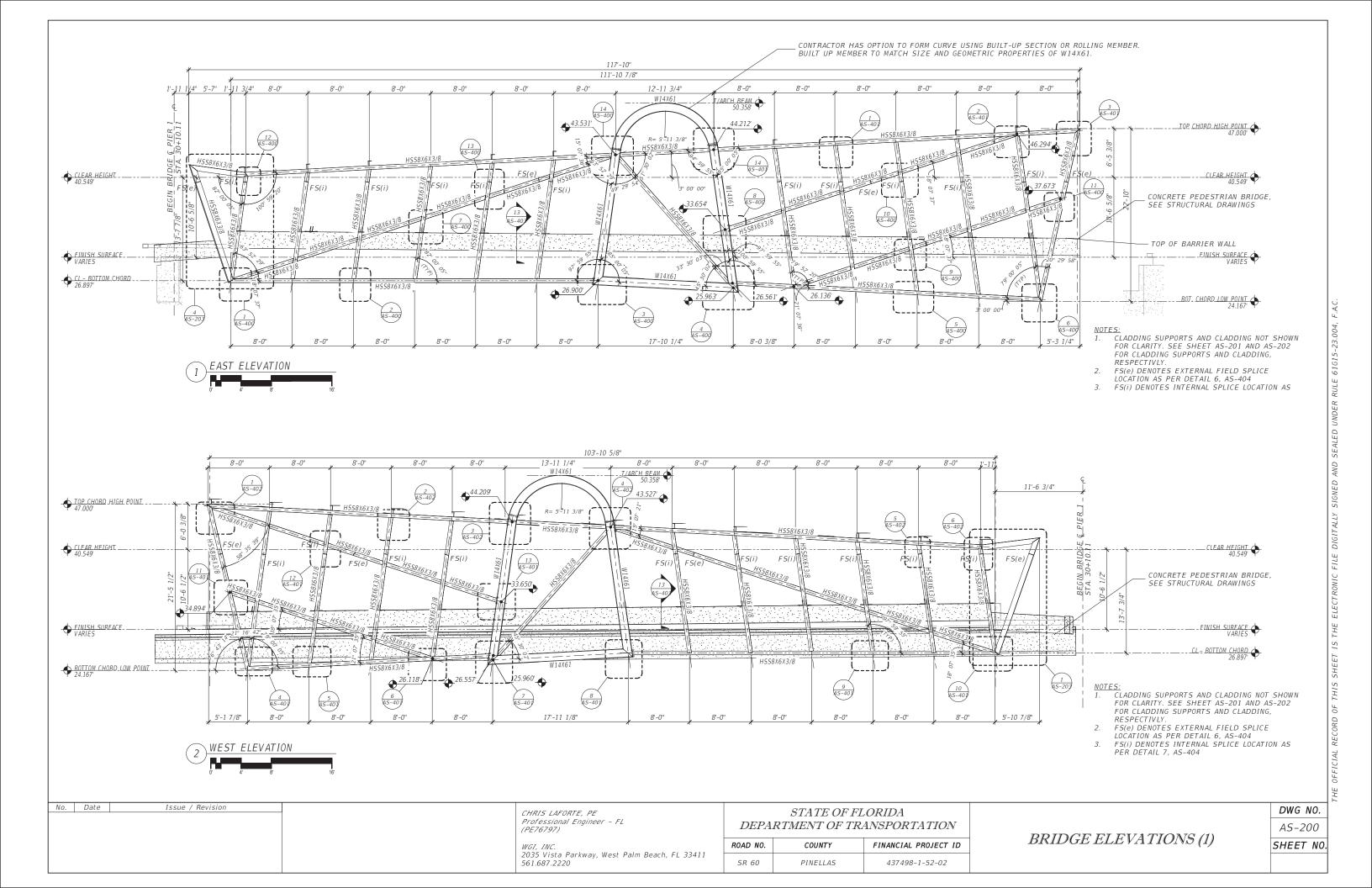
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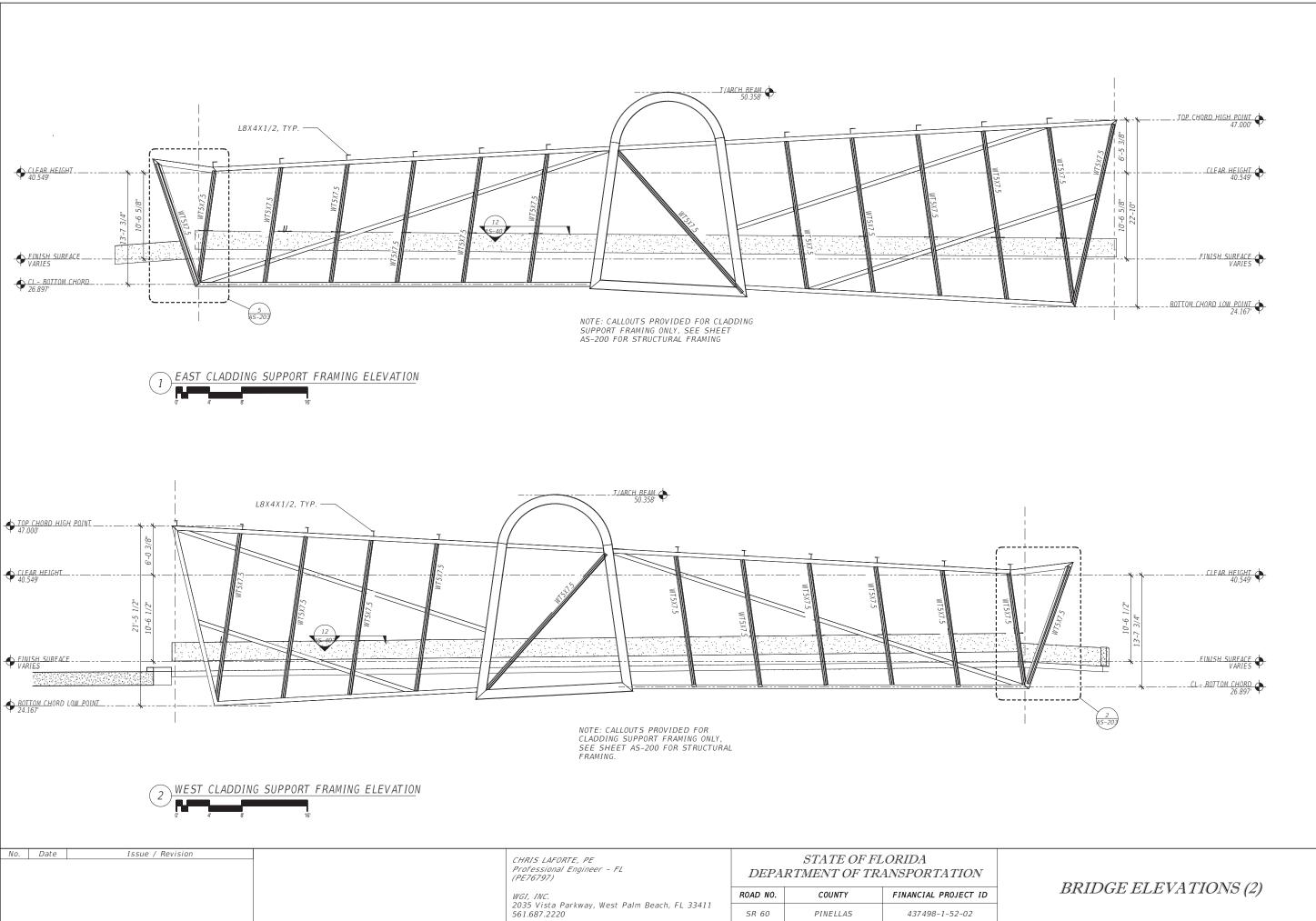
BRIDGE TOP OF TRUSS (2)

DWG NO.

AS-105

SHEET NO.





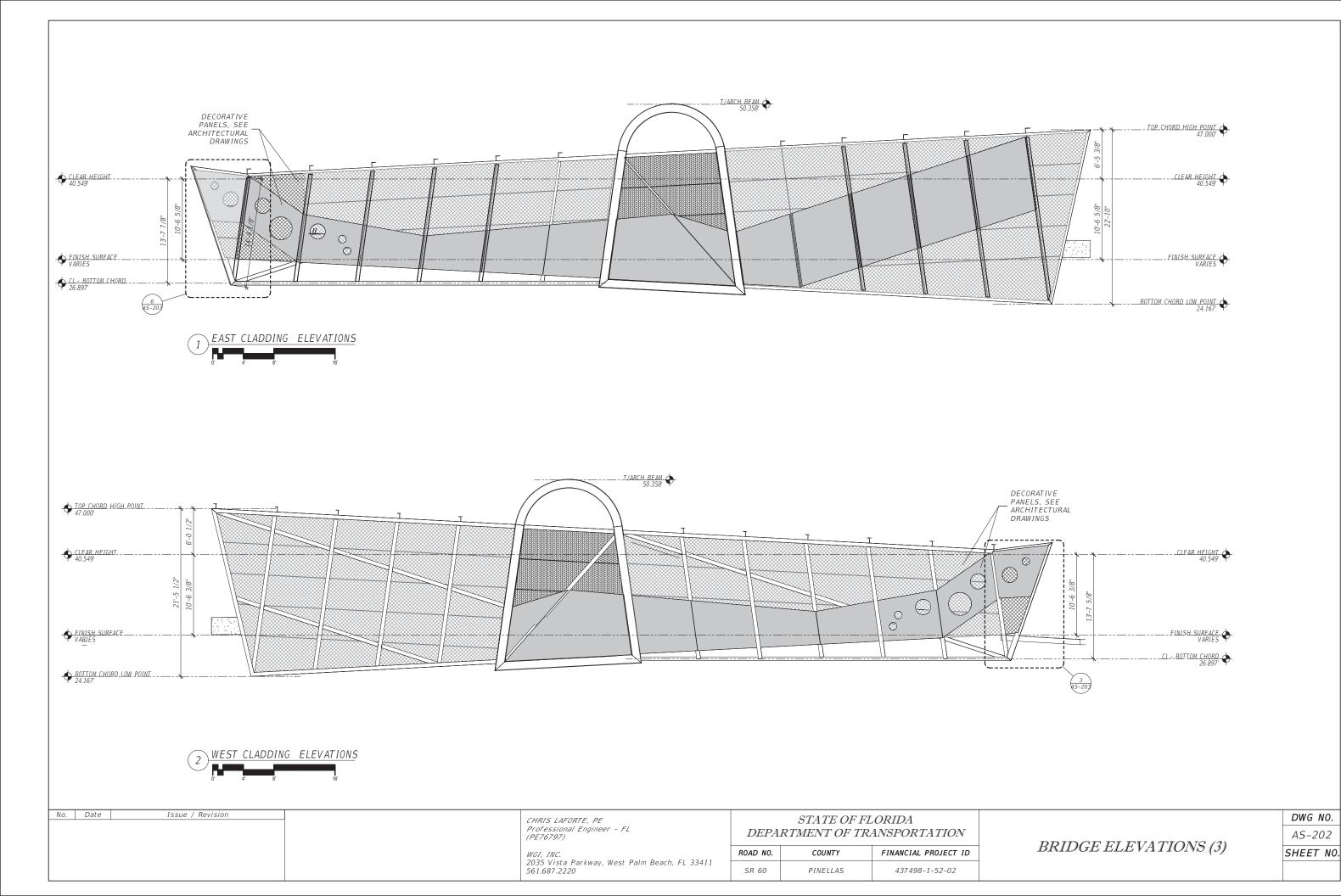
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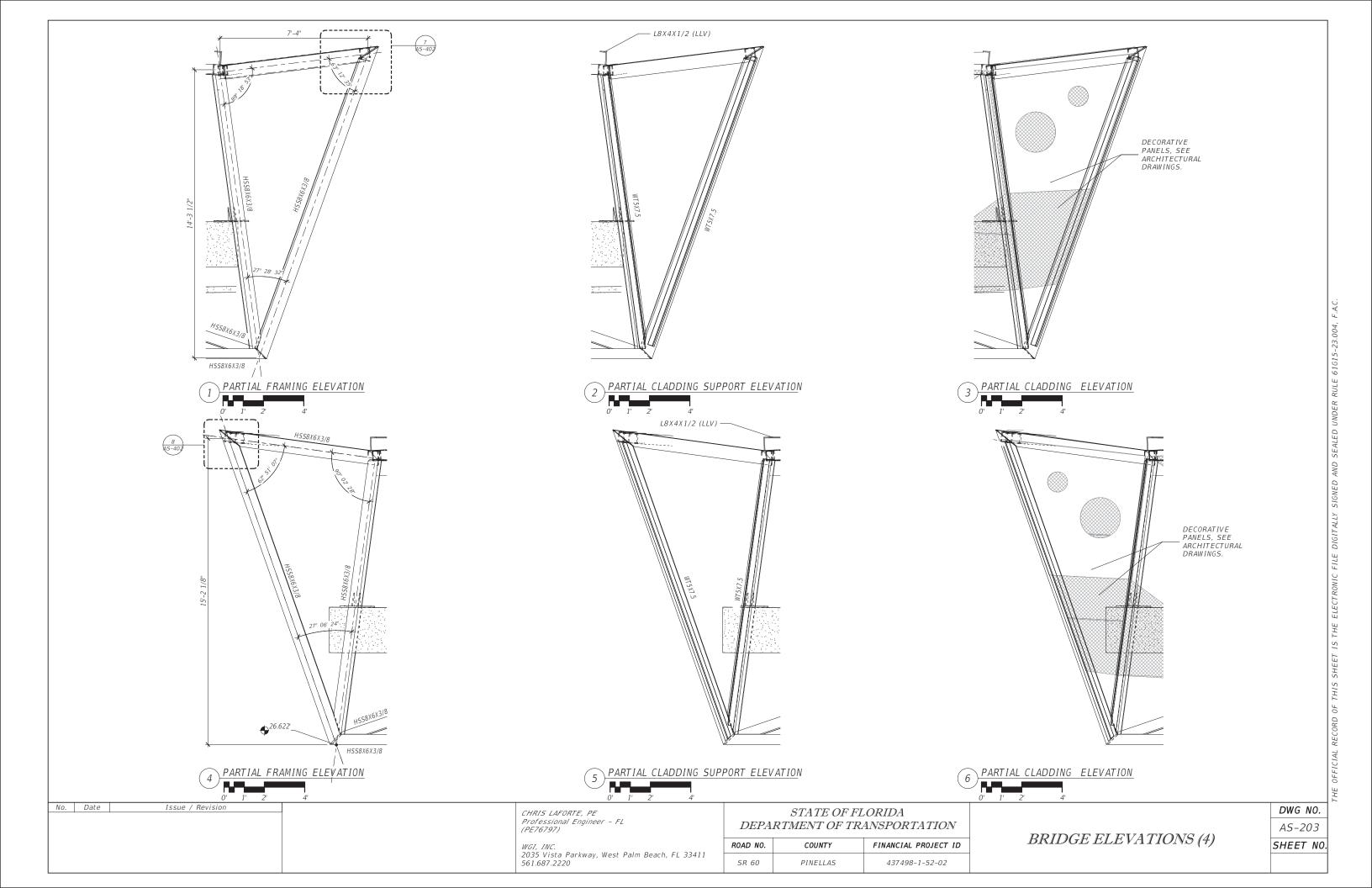
PINELLAS

437498-1-52-02

DWG NO. AS-201

SHEET NO.



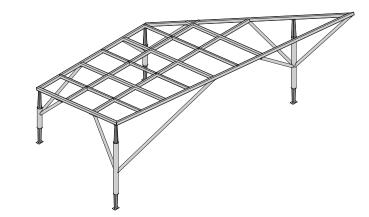




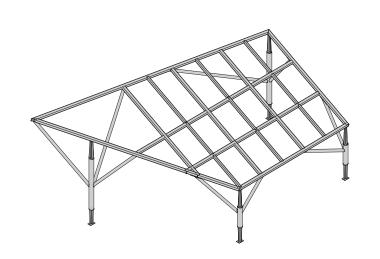














No. Date Issue / Revision

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

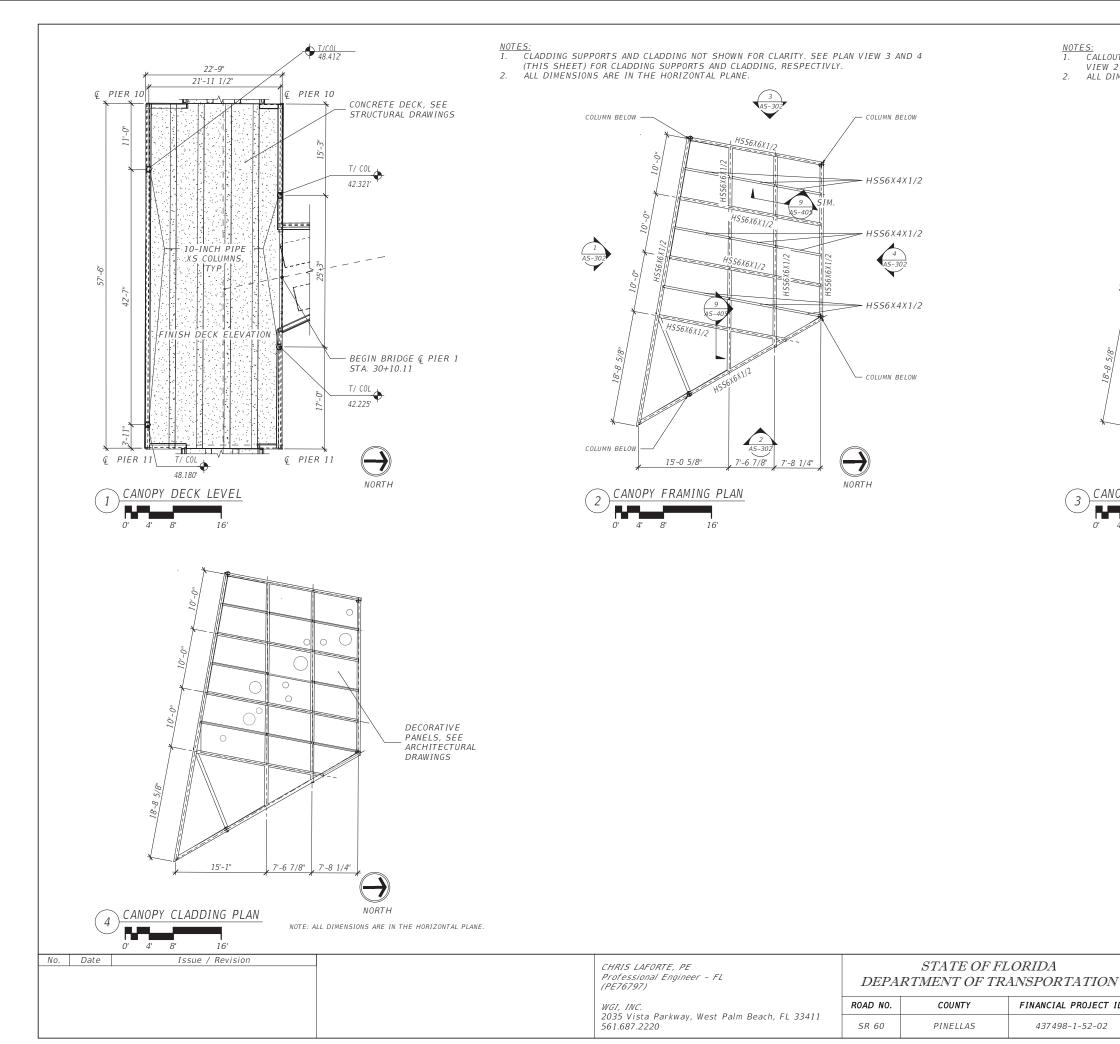
SR 60 PINELLAS 437498-1-52-02

ISO- BRIDGE CANOPY

DWG NO.

AS-300

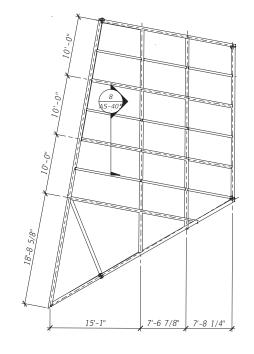
SHEET NO.



FINANCIAL PROJECT ID

437498-1-52-02

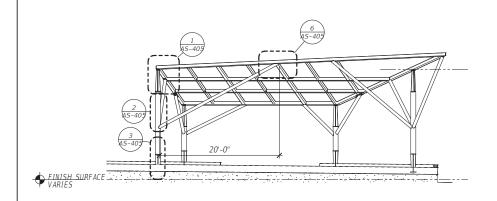
- NOTES:
 1. CALLOUTS PROVIDED FOR CLADDING SUPPORT FRAMING ONLY, SEE PLAN VIEW 2 (THIS SHEET) FOR STRUCTURAL FRAMING.
 2. ALL DIMENSIONS ARE IN THE HORIZONTAL PLANE.



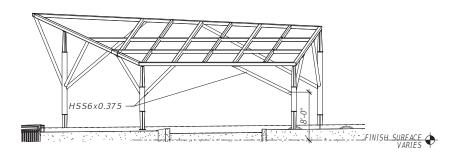
NORTH

CANOPY CLADDING SUPPORT PLAN

AS-301

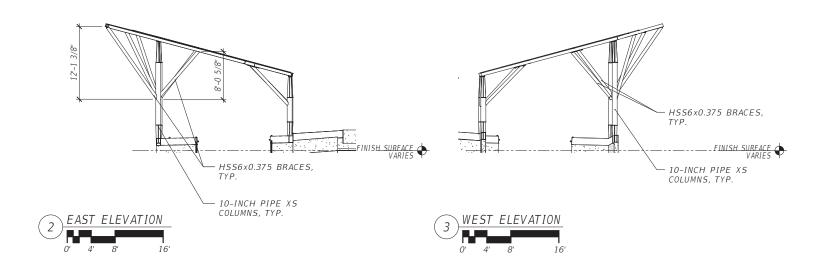








Issue / Revision



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

DEPA.	STATE OF FL RTMENT OF TRA	ORIDA ANSPORTATION
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

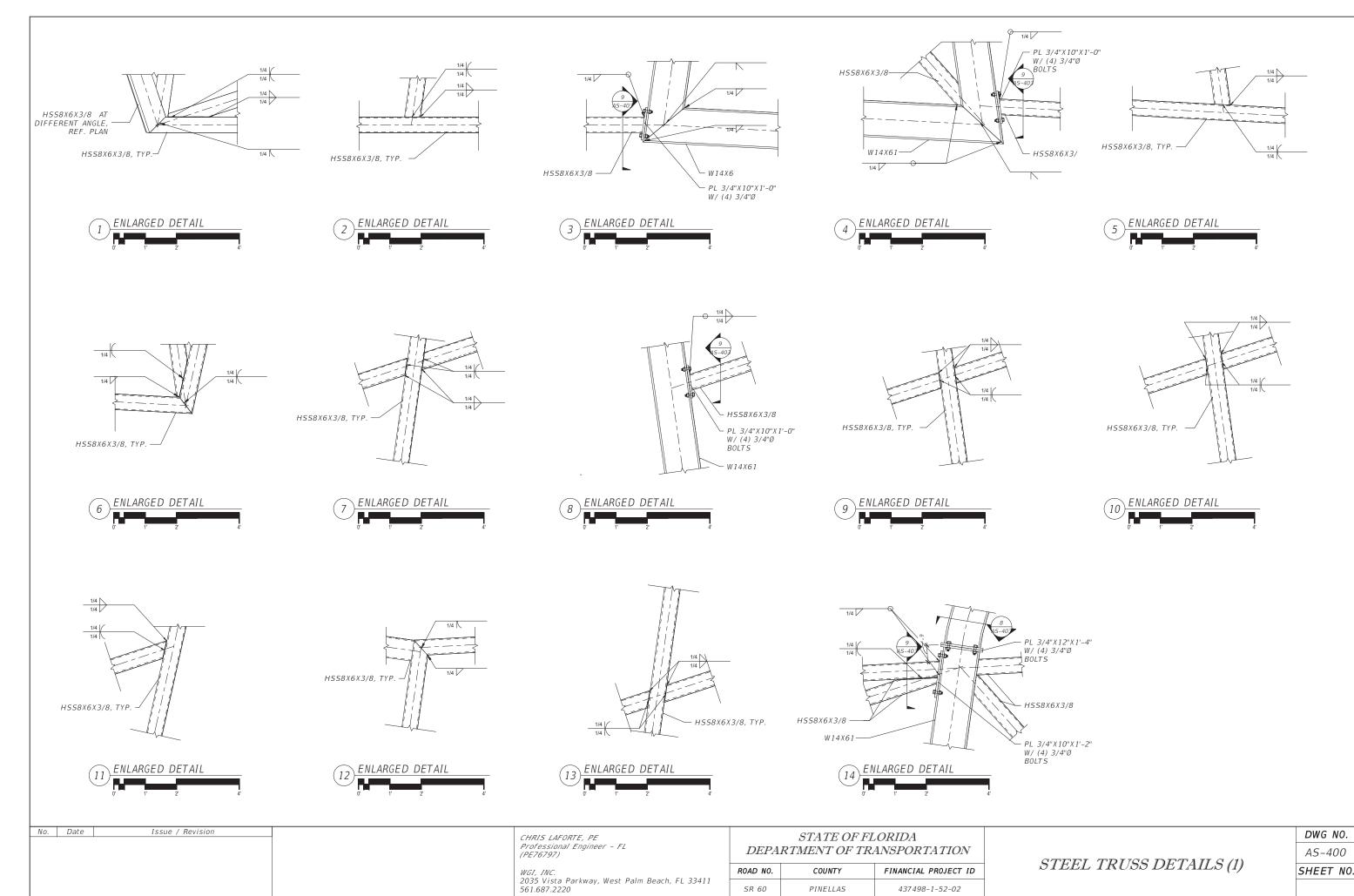
437498-1-52-02

PINELLAS

SR 60

DWG NO.			
AS-302			
SHEET NO.			

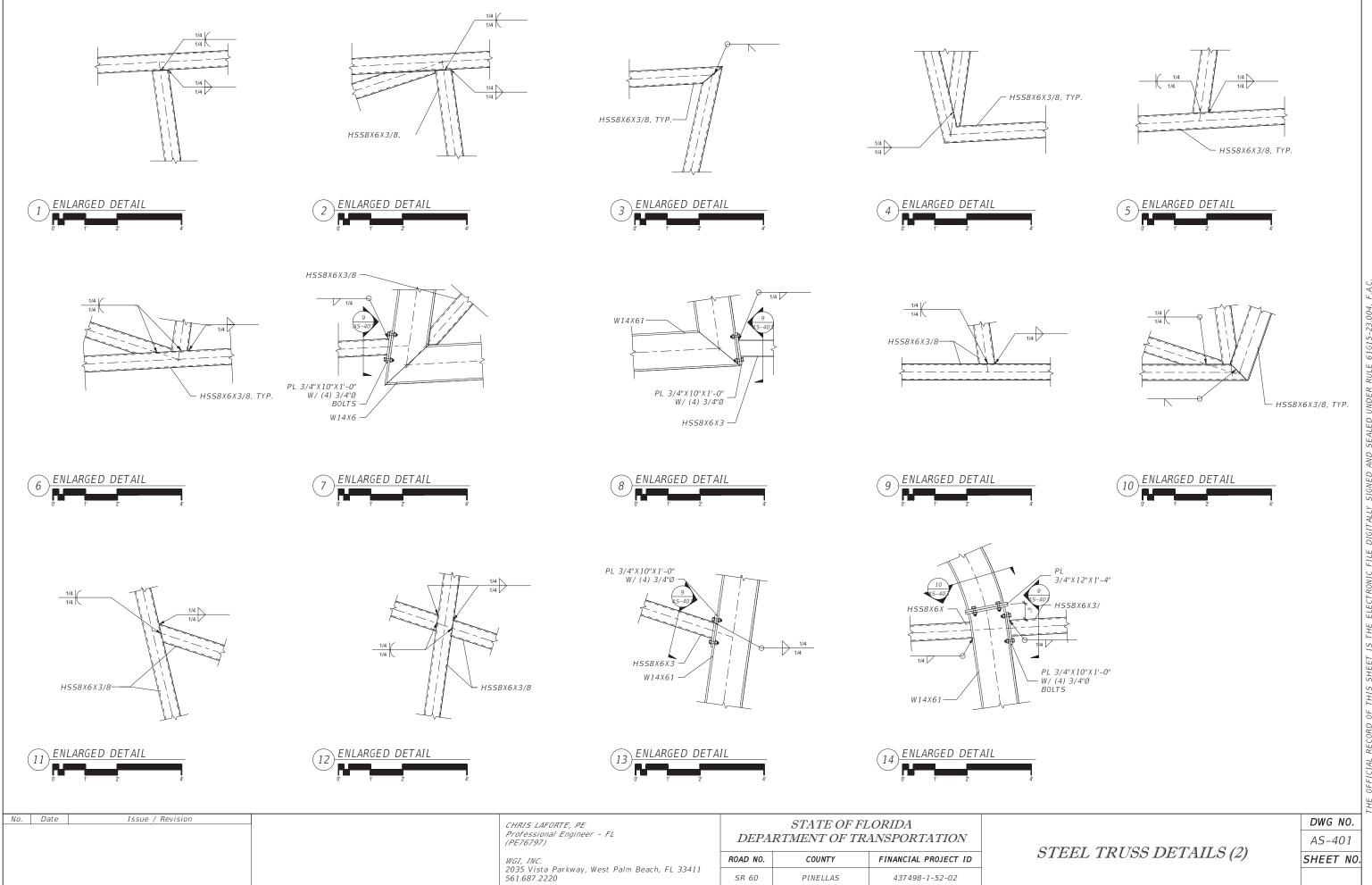
No.	Date	



SR 60

PINELLAS

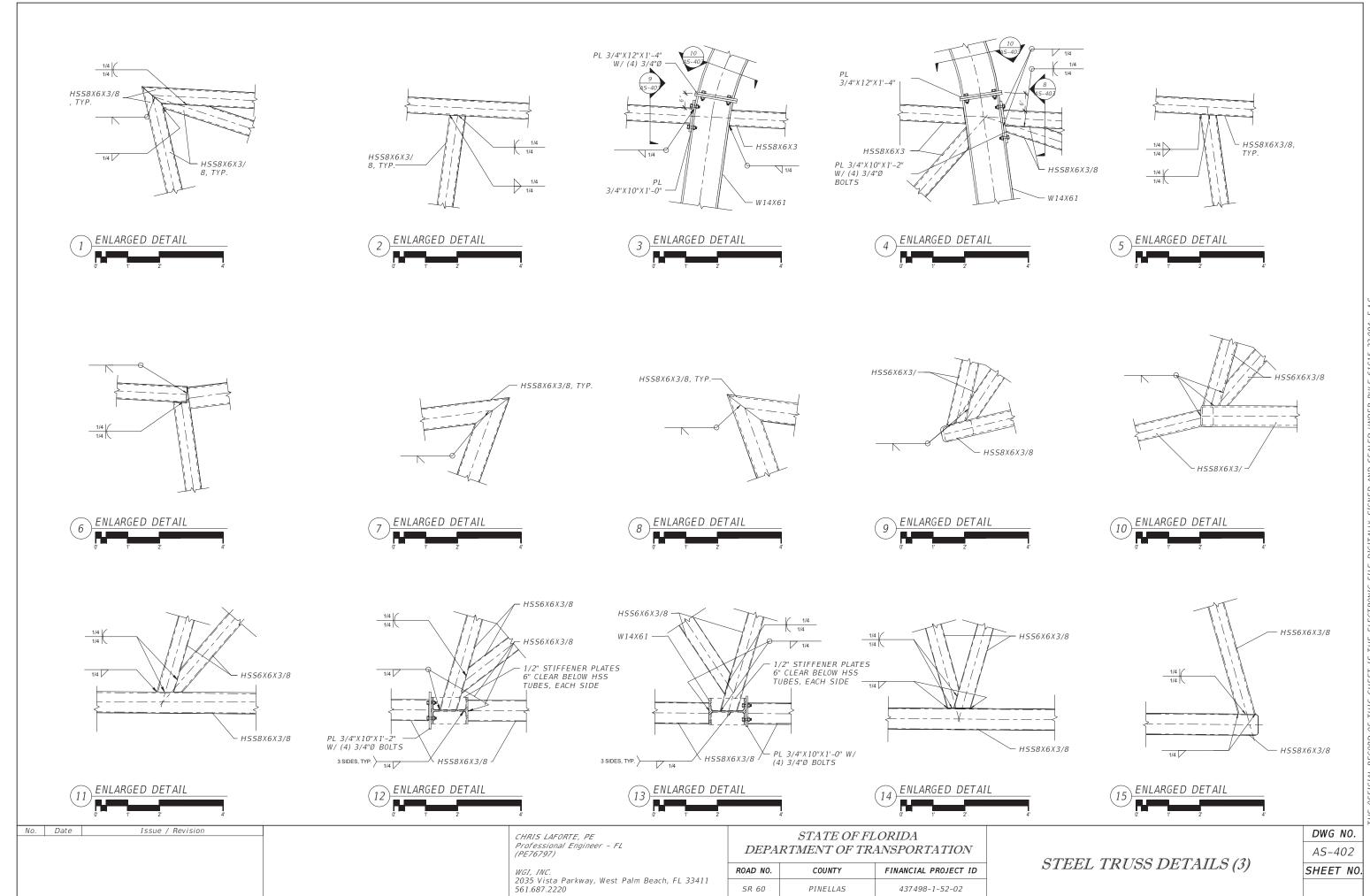
437498-1-52-02

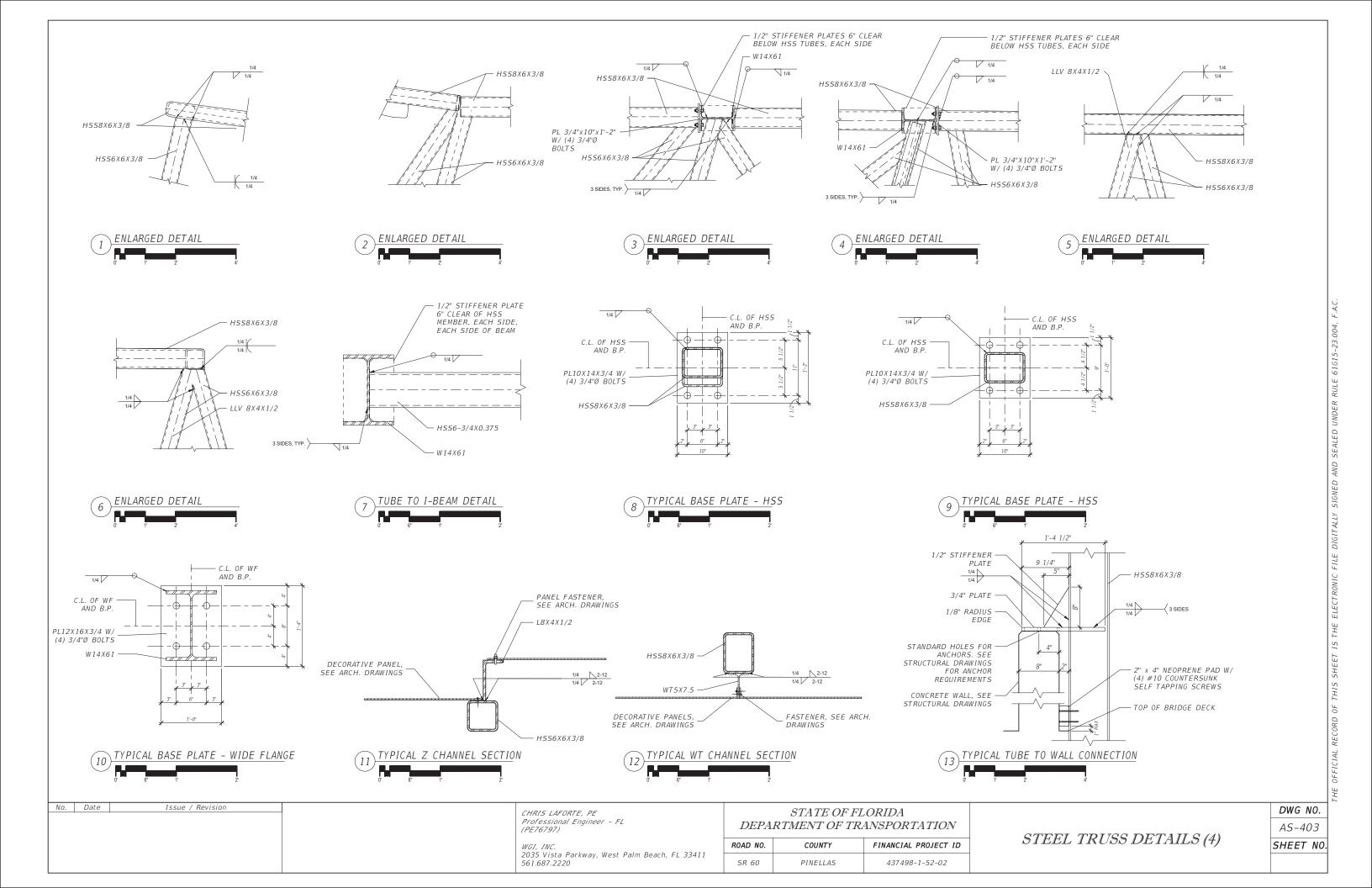


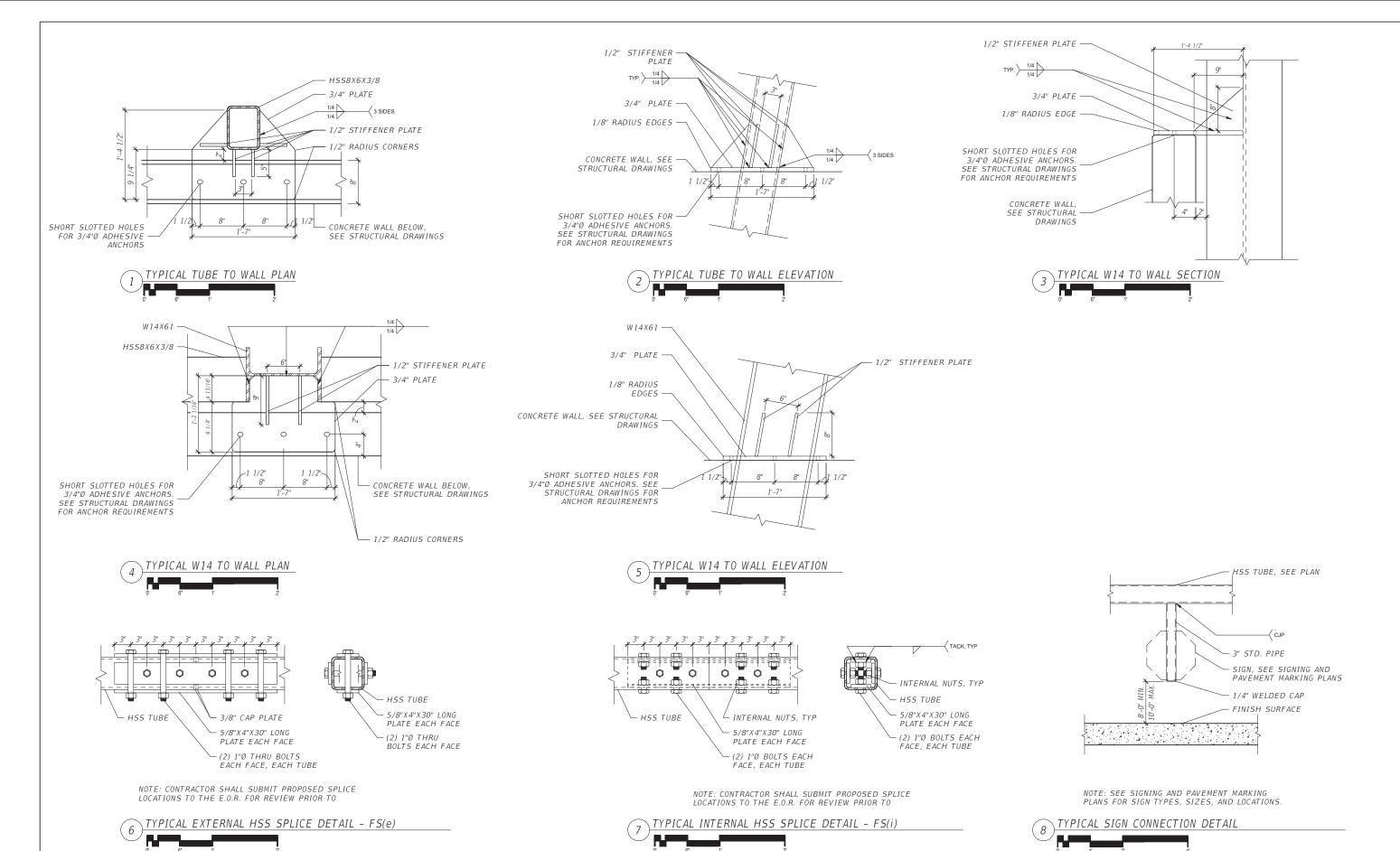
SR 60

PINELLAS

437498-1-52-02







CHRIS LAFORTE, PE Professional Engineer - FL (PE76797)

2035 Vista Parkway, West Palm Beach, FL 33411 561.687.2220

No. Date

Issue / Revision

AS-404 SHEET NO.

DWG NO.

DEPARTMENT OF TRANSPORTATION STEEL TRUSS DETAILS (5) FINANCIAL PROJECT ID COUNTY

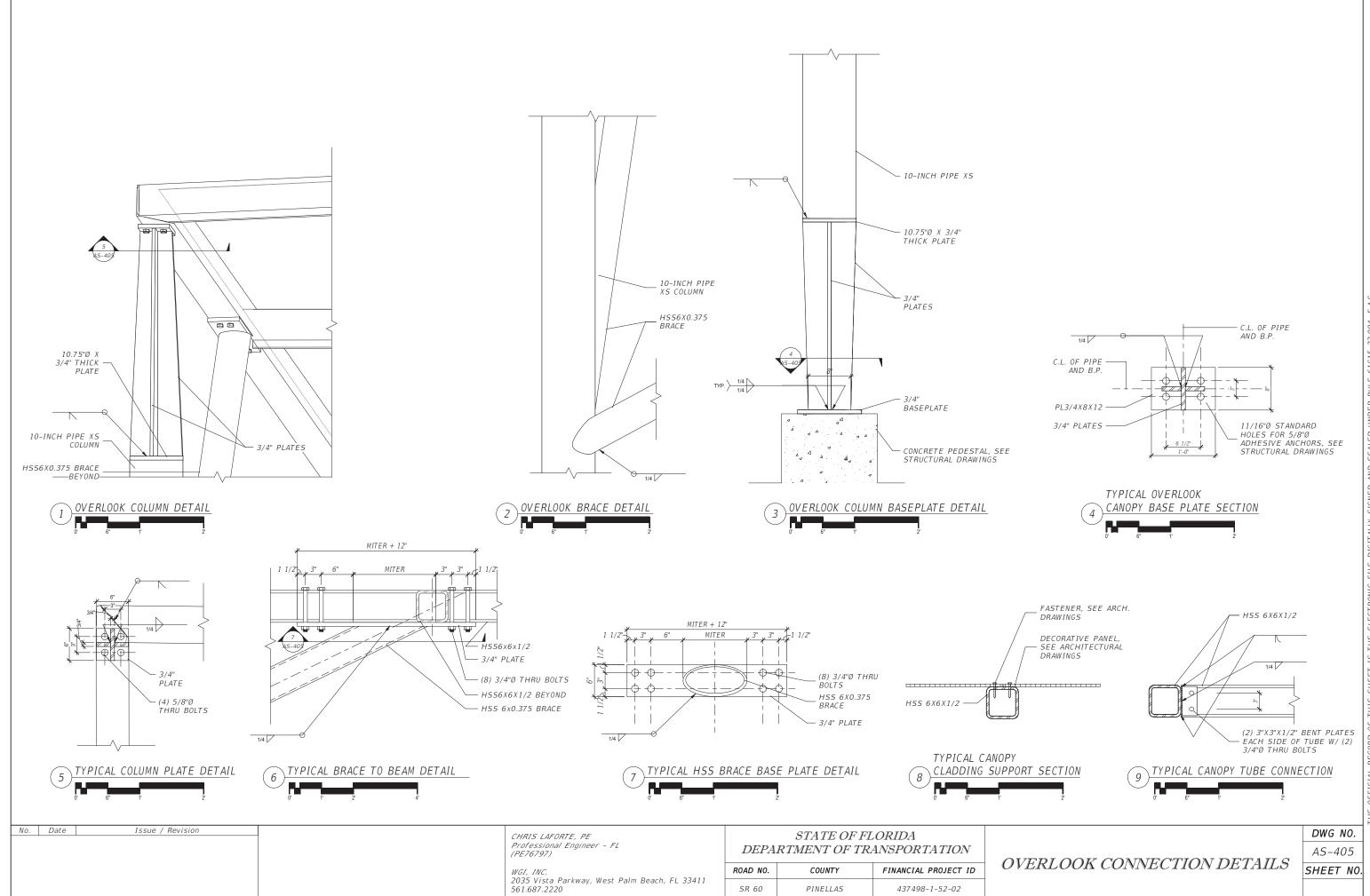
STATE OF FLORIDA

437498-1-52-02

PINELLAS

ROAD NO.

SR 60







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

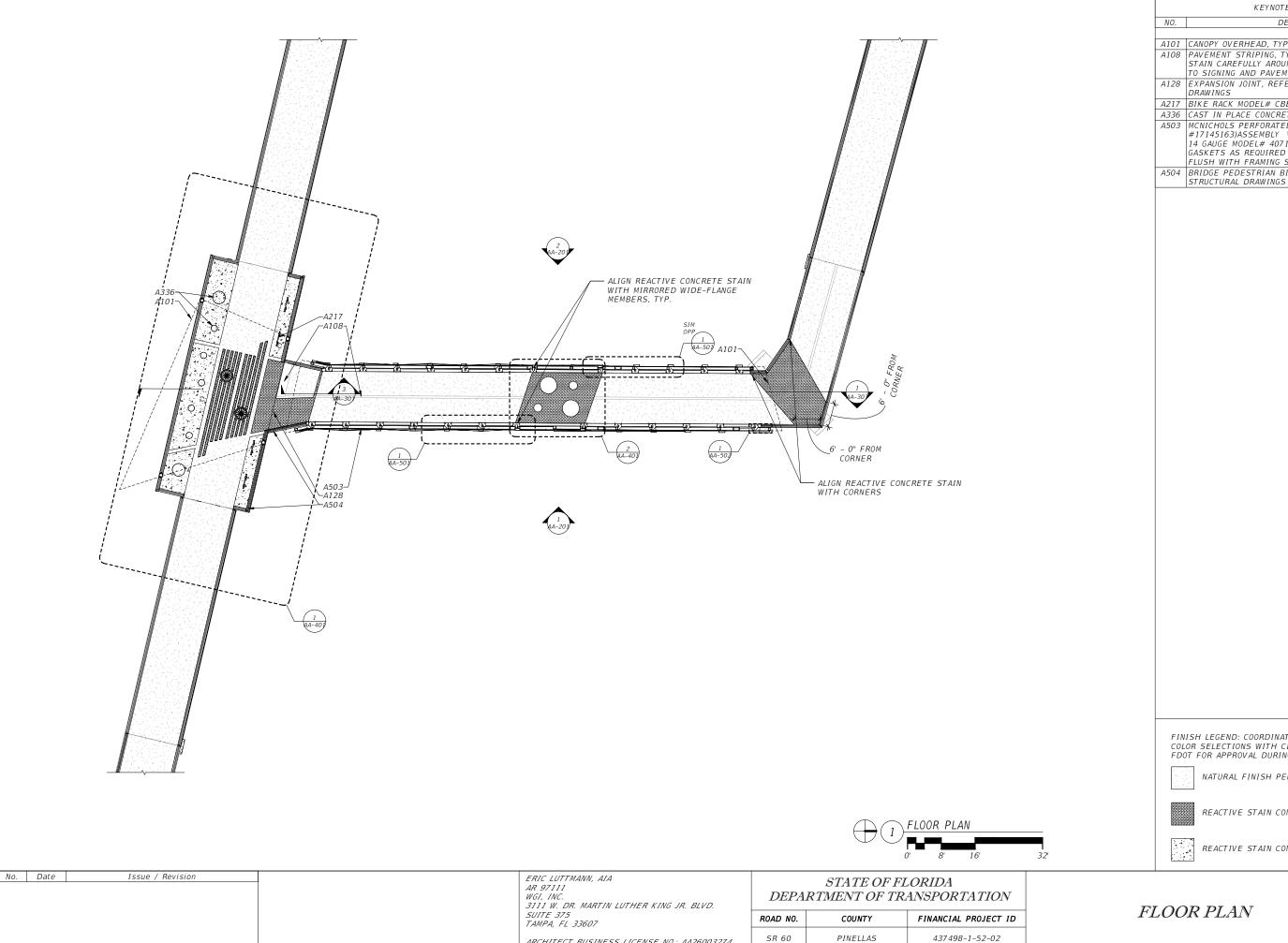
ERIC LUTTMANN, AIA
AR 97111
WGI, INC.
3111 W. DR. MARTIN LUTHER KING JR. BLVD.
SUITE 375
TAMPA, FL 33607

ARCHITECT BUSINESS LICENSE NO.: AA26003274

DEPARTMENT OF TRANSPORTATION			
ROAD NO.	COUNTY	FINANCIAL PROJECT IE	
SP 60	DINELLAC	427400 1 52 02	

STATE OF FLORIDA

DWG NO.	
AA-100	
SHEET NO	



ARCHITECT BUSINESS LICENSE NO.: AA26003274

KEYNOTE LEGEND DESCRIPTION A101 CANOPY OVERHEAD, TYP. A108 PAVEMENT STRIPING, TYP. APPLY CONCRETE REACTIVE STAIN CAREFULLY AROUND PAVEMENT STRIPING. REFER TO SIGNING AND PAVEMENT PLANS A128 EXPANSION JOINT, REFER TO KCA STRUCTURAL A217 BIKE RACK MODEL# CBBR-2CR-SS A336 CAST IN PLACE CONCRETE BENCH, TYP 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 SPLICE LOCATIONS A504 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.

NATURAL FINISH PER FDOT STANDARD

REACTIVE STAIN CONCRETE FINISH COLOR 1

REACTIVE STAIN CONCRETE FINISH COLOR 2

DWG NO. AA-101 SHEET NO.

	$\frac{1}{\sqrt{A-102}I}$	
A503- A501- OPEN	OPEN OPEN A539 A501	

No. Date

Issue / Revision

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	[/] ■₌■			
	<i>O'</i>	8'	16'	32'

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 SR 60 PINELLAS 437498-1-52-02 ARCHITECT BUSINESS LICENSE NO.: AA26003274

DWG NO. AA-102 SHEET NO.

ARCHITECTURAL MESH LEGEND:



McNICHOLS WIRE MESH (MODEL# 38231900)

KEYNOTE LEGEND 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

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 SPLICE 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 SPLICE LOCATIONS

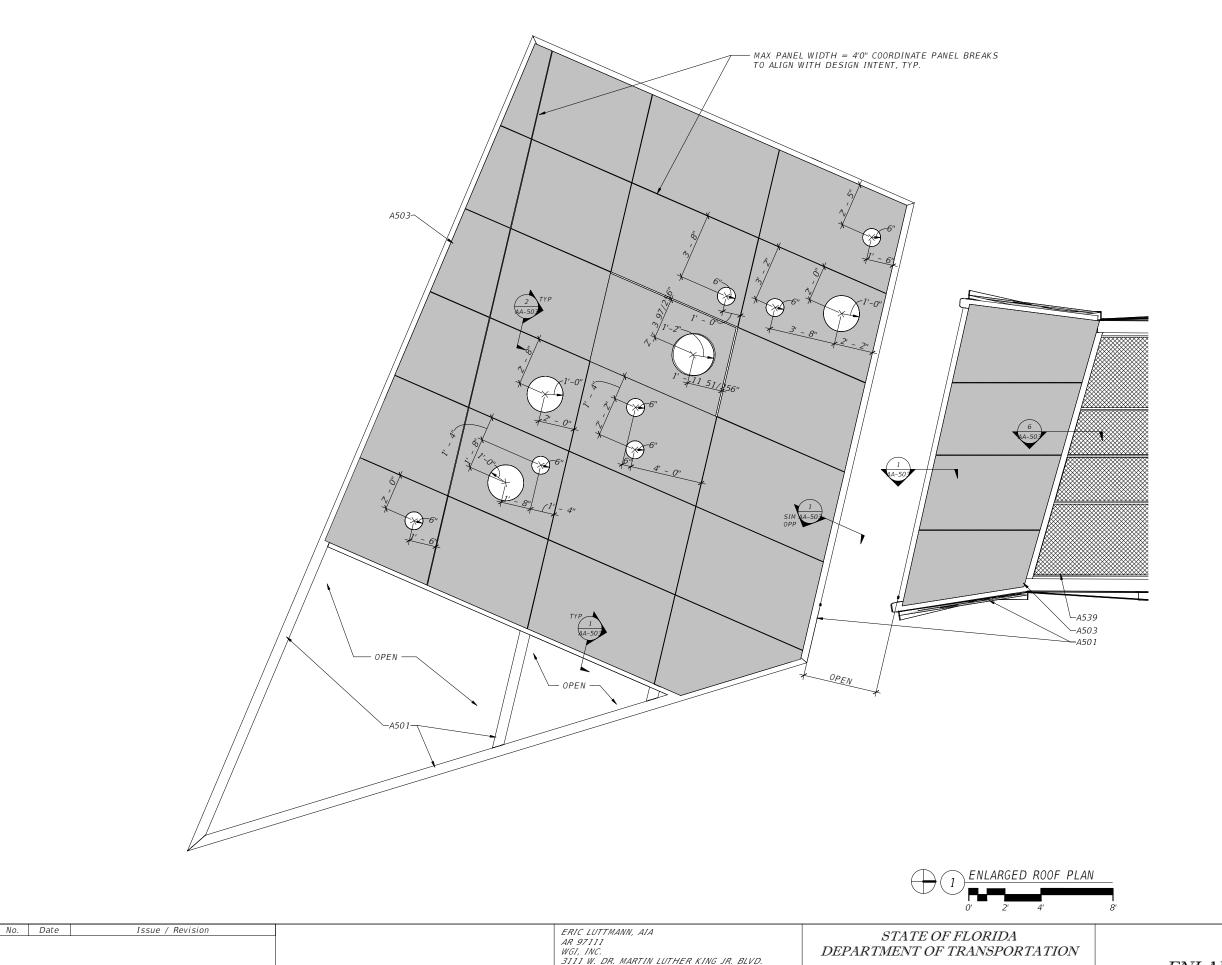
CONSISTENCY



McNICHOLS EXPANDED METAL (MODEL# 57001599)

McNICHOLS PERFORATED METAL (MODEL# 17145163)

ROOF PLAN



KEYNOTE LEGEND

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 SPLICE 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 SPLICE LOCATIONS

ARCHITECTURAL MESH LEGEND:



McNICHOLS WIRE MESH (MODEL# 38231900)



McNICHOLS EXPANDED METAL (MODEL# 57001599)



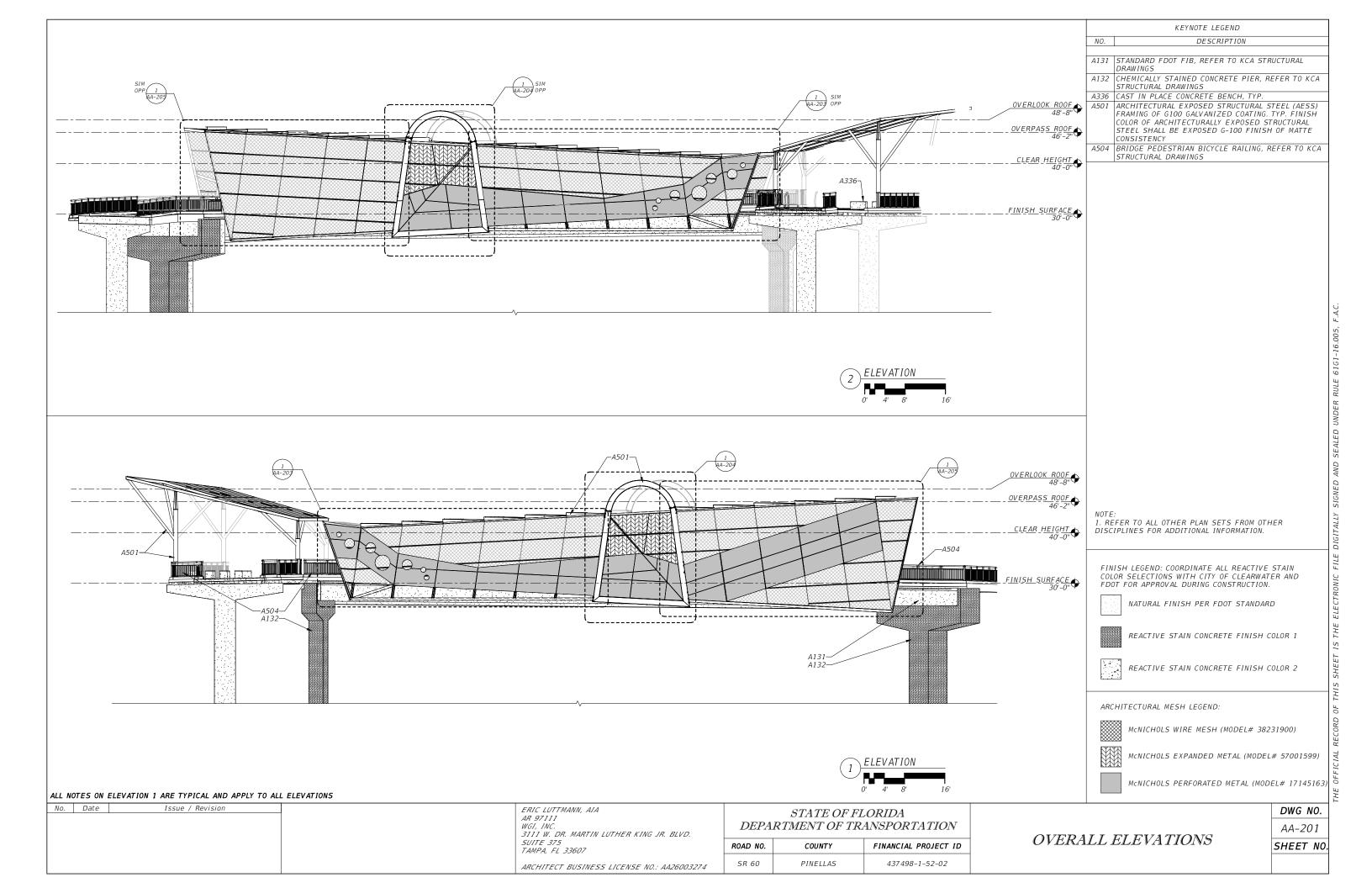
McNICHOLS PERFORATED METAL (MODEL# 17145163)

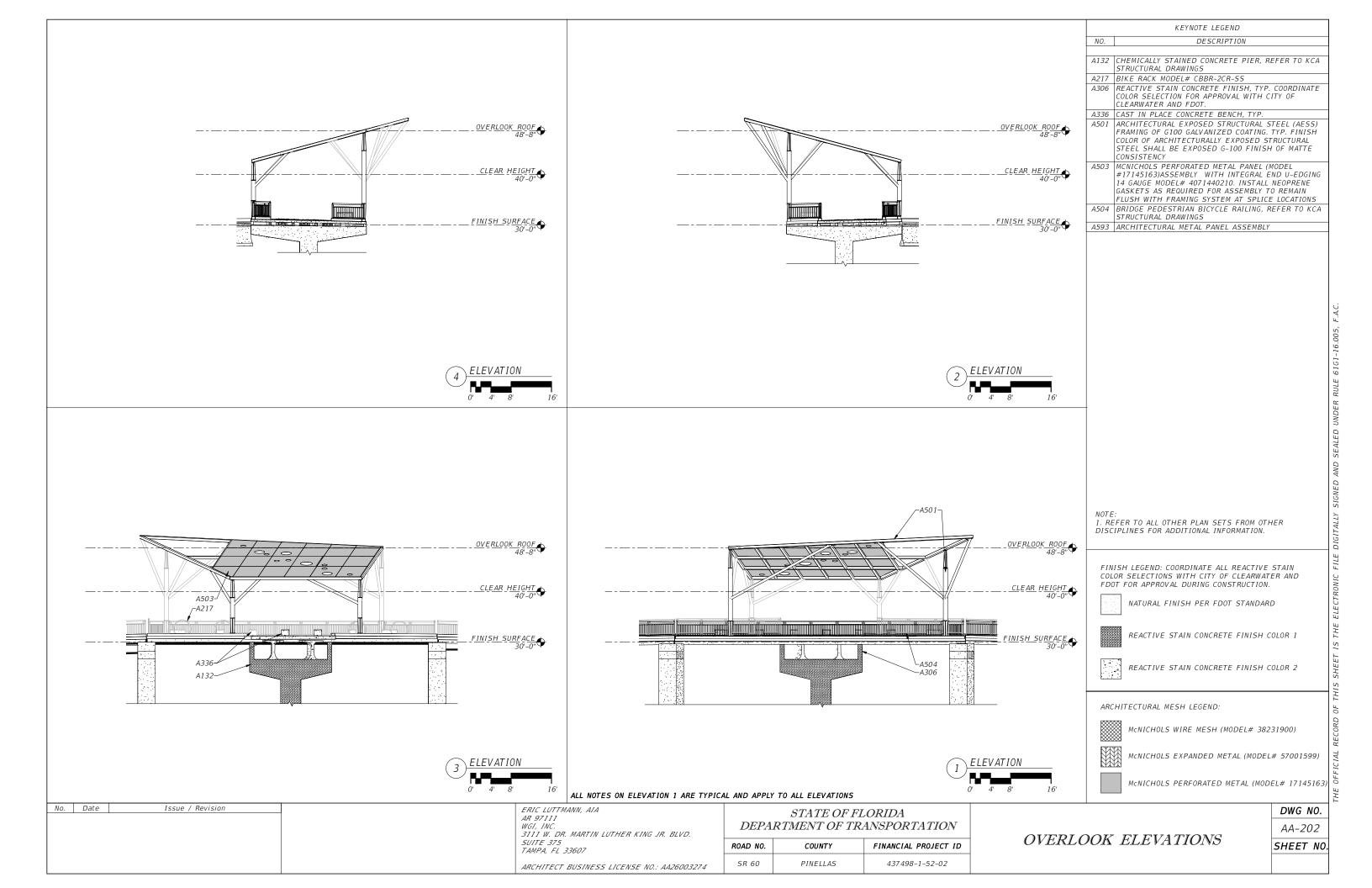
DWG NO. AA-102.1 SHEET NO.

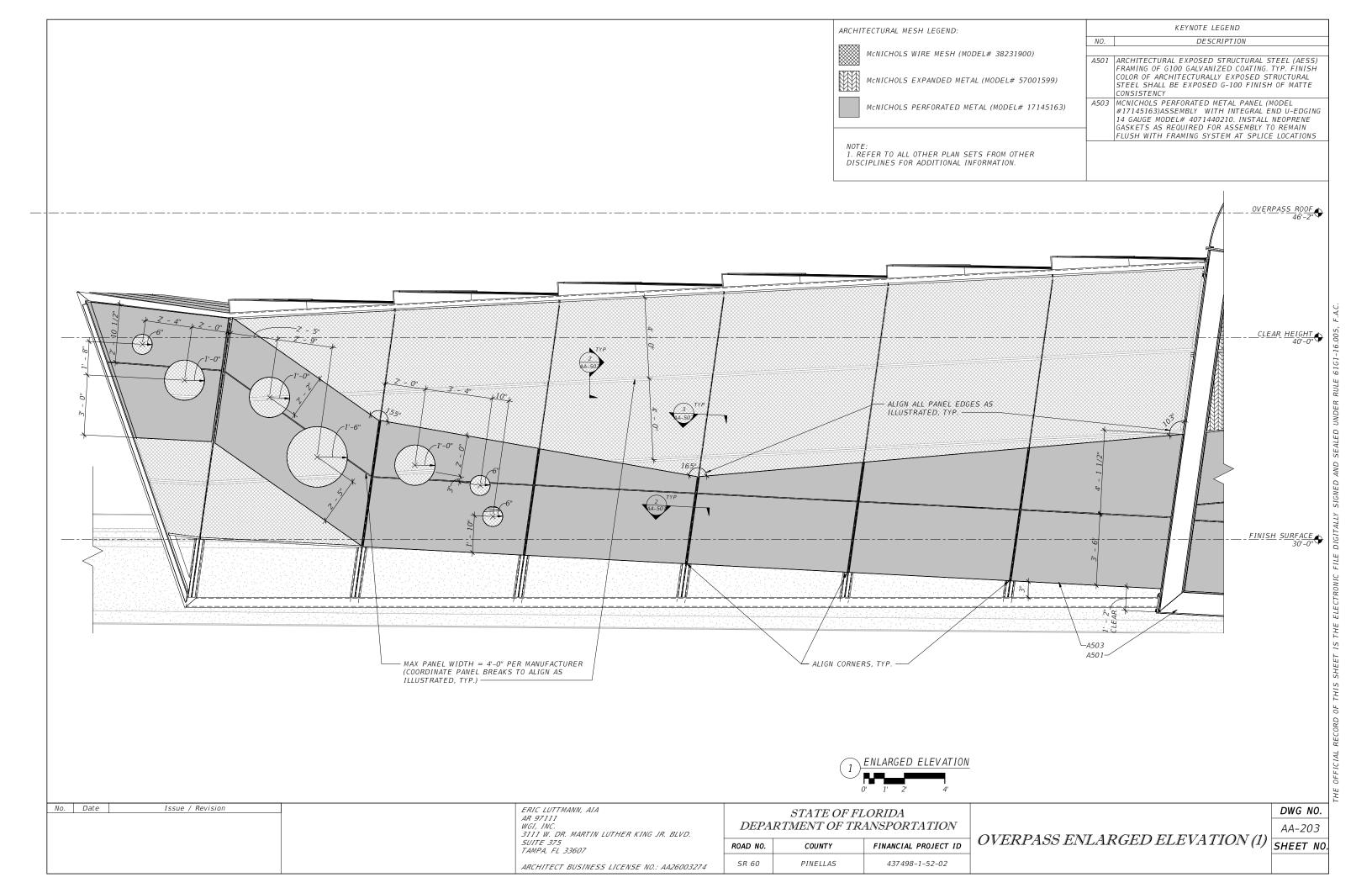
3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607

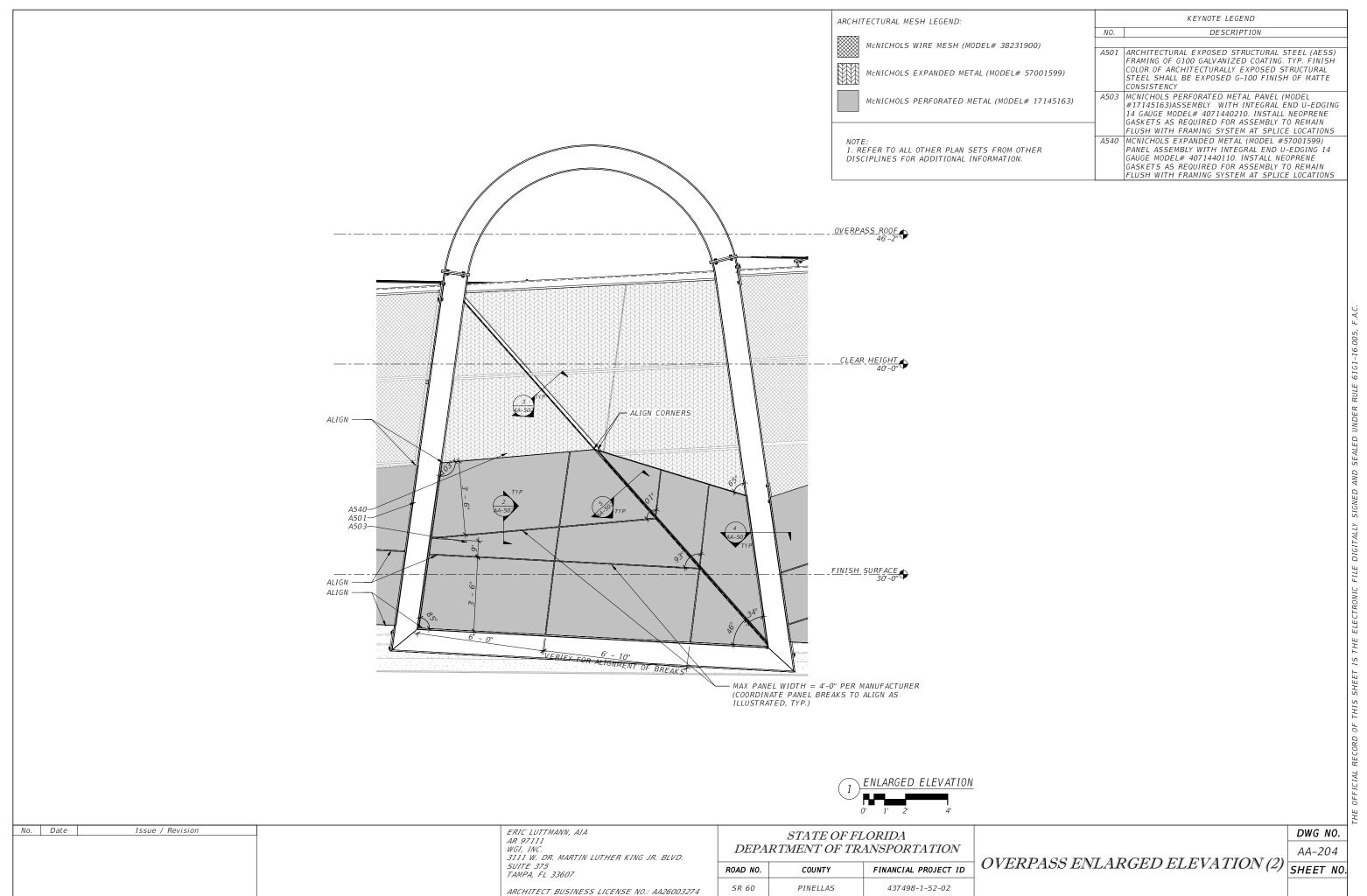
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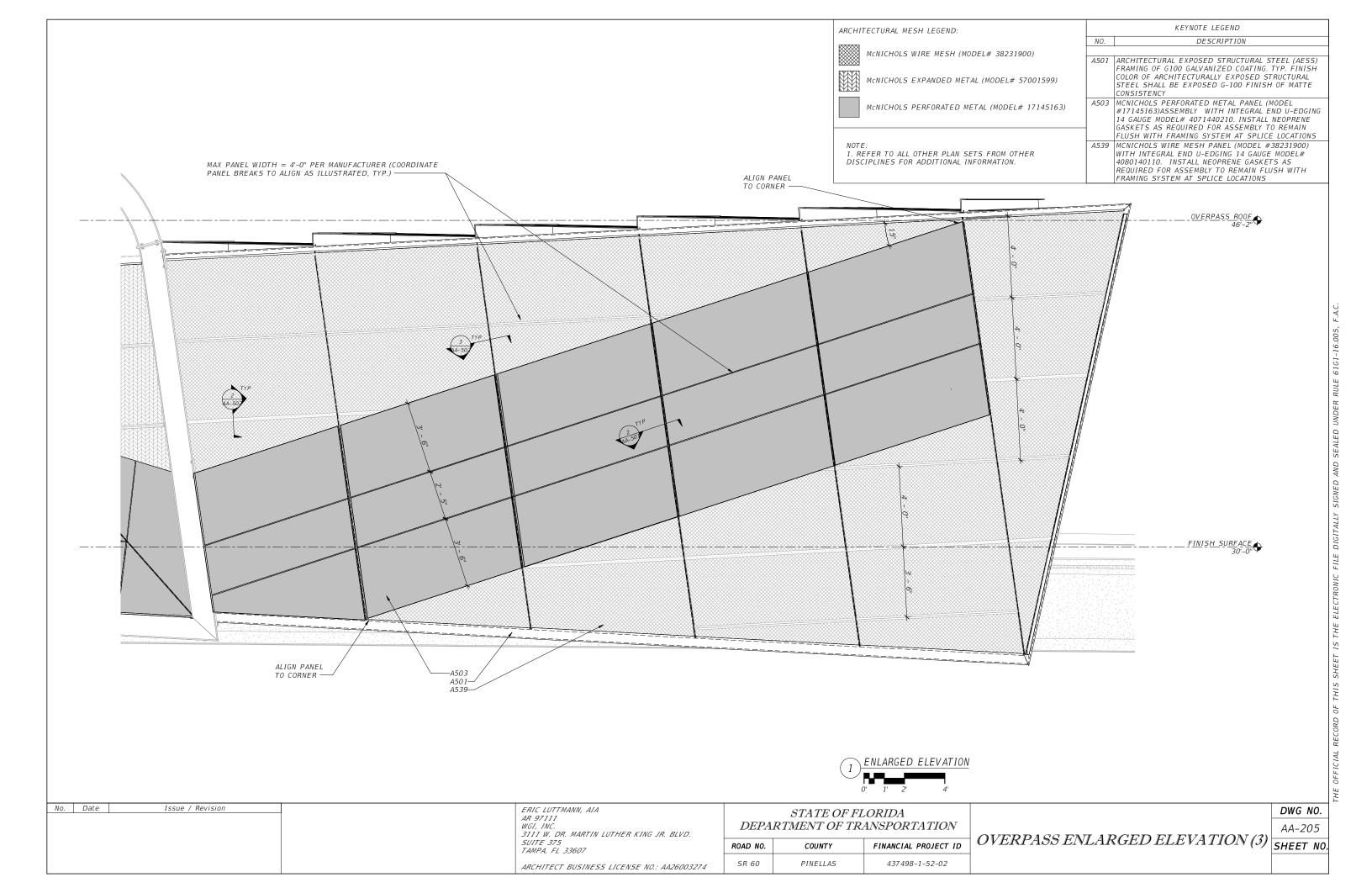
ROAD NO. COUNTY FINANCIAL PROJECT ID SR 60 PINELLAS 437498-1-52-02

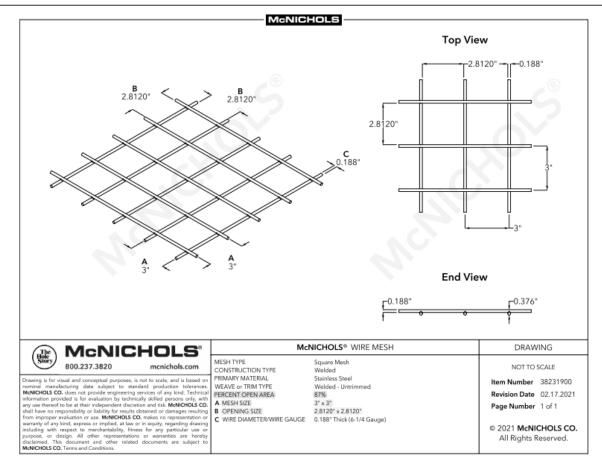


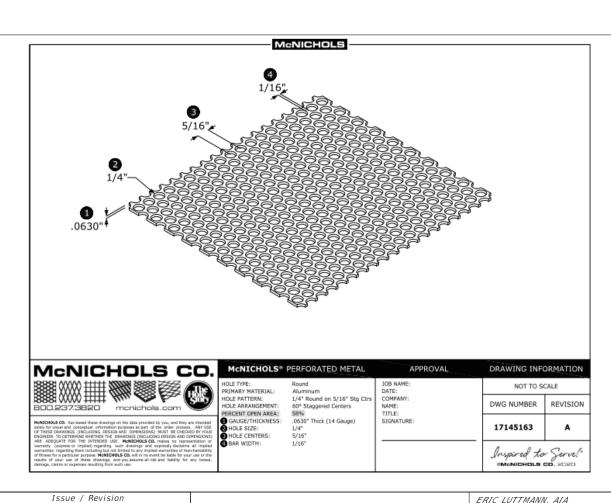




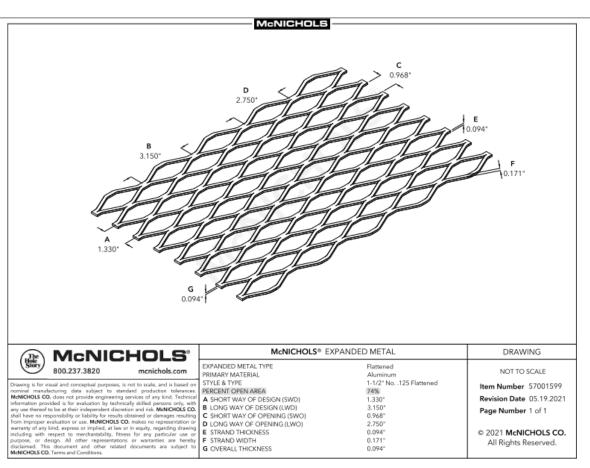








No. Date



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

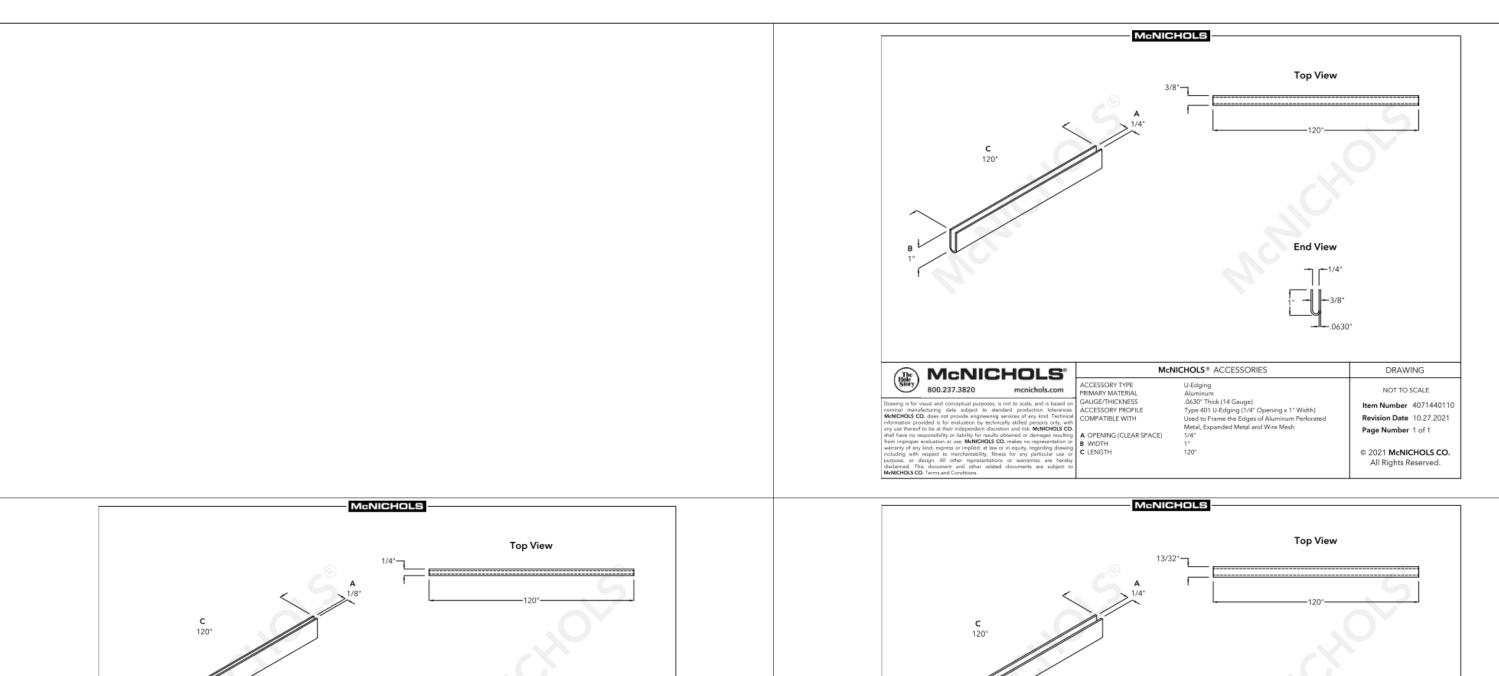
SR 60 PINELLAS 437498-1-52-02

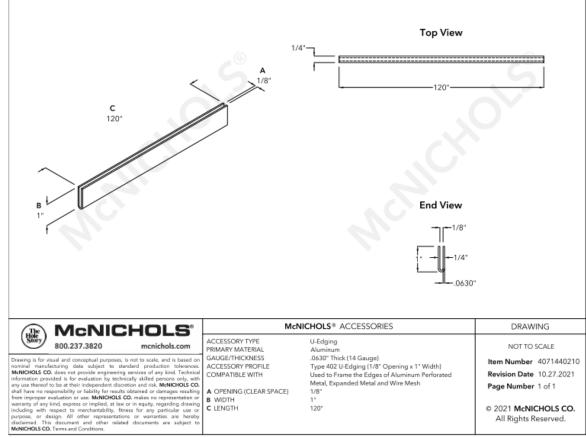
ENCLOSURE MATERIALS (1)

DWG NO.

AA-206

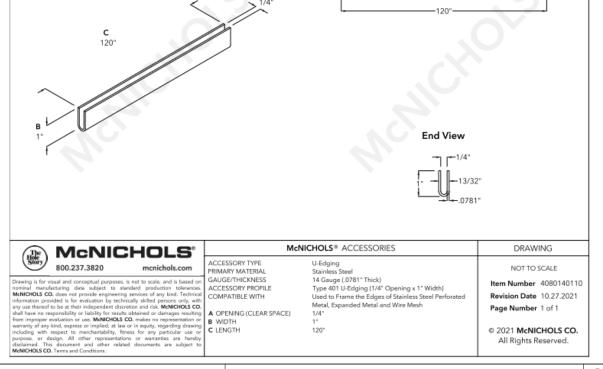
SHEET NO.





No. Date

Issue / Revision



ERIC LUTTMANN, AIA AR 97111 3111 W. DR. MARTIN LUTHER KING JR. BLVD. ROAD NO. SR 60 ARCHITECT BUSINESS LICENSE NO.: AA26003274

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WGI, INC.

SUITE 375 TAMPA, FL 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

COUNTY

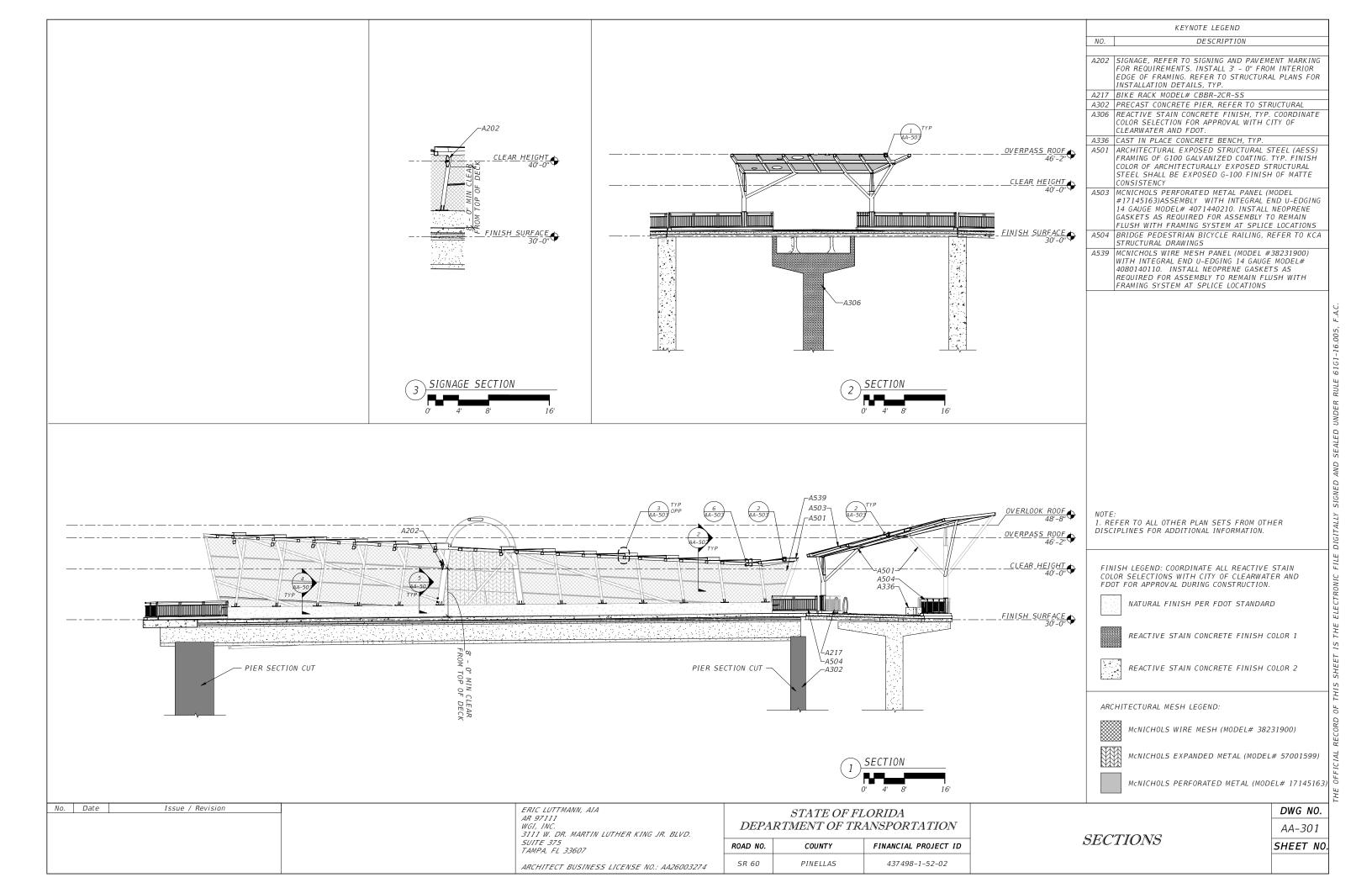
PINELLAS

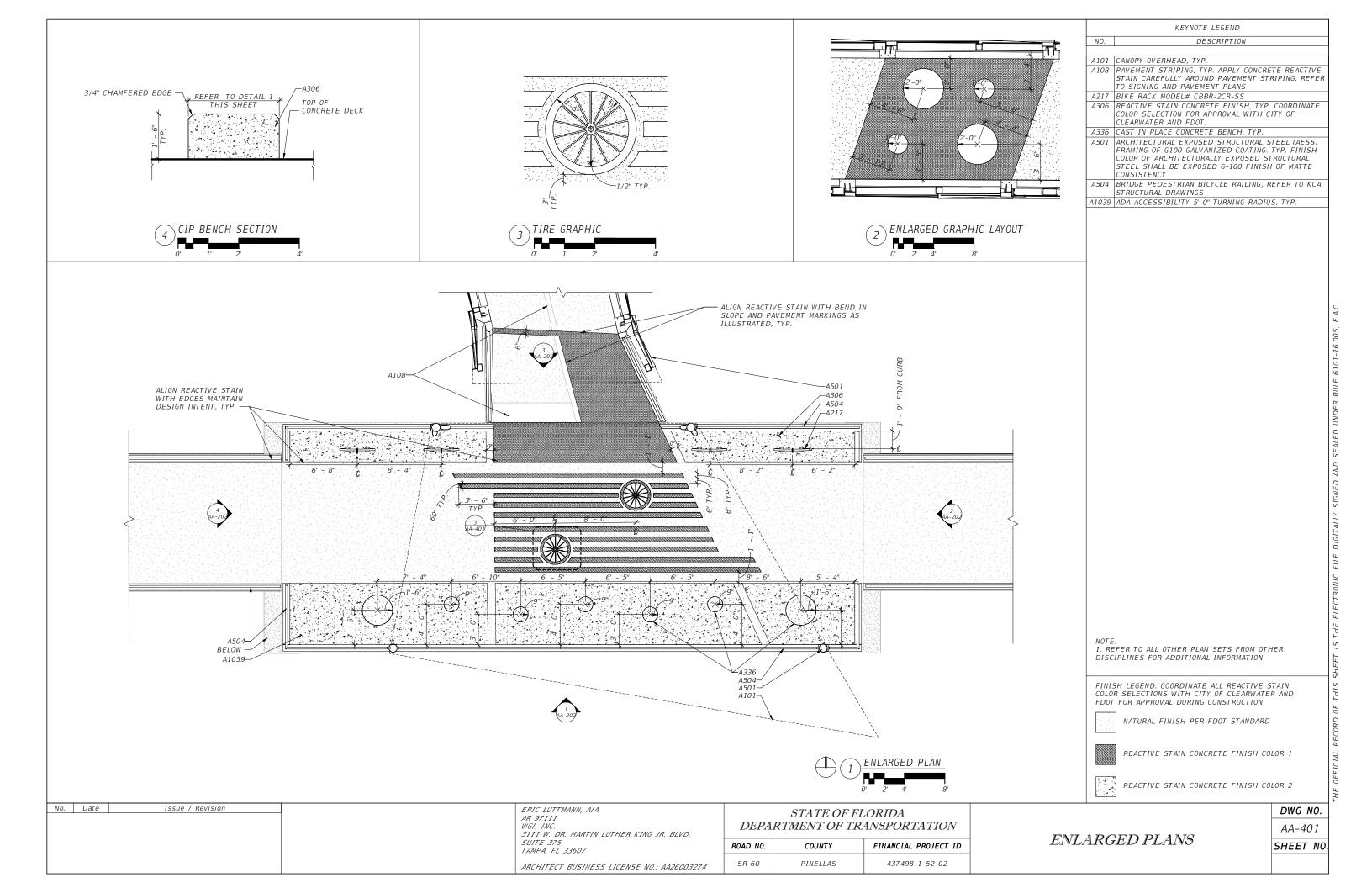
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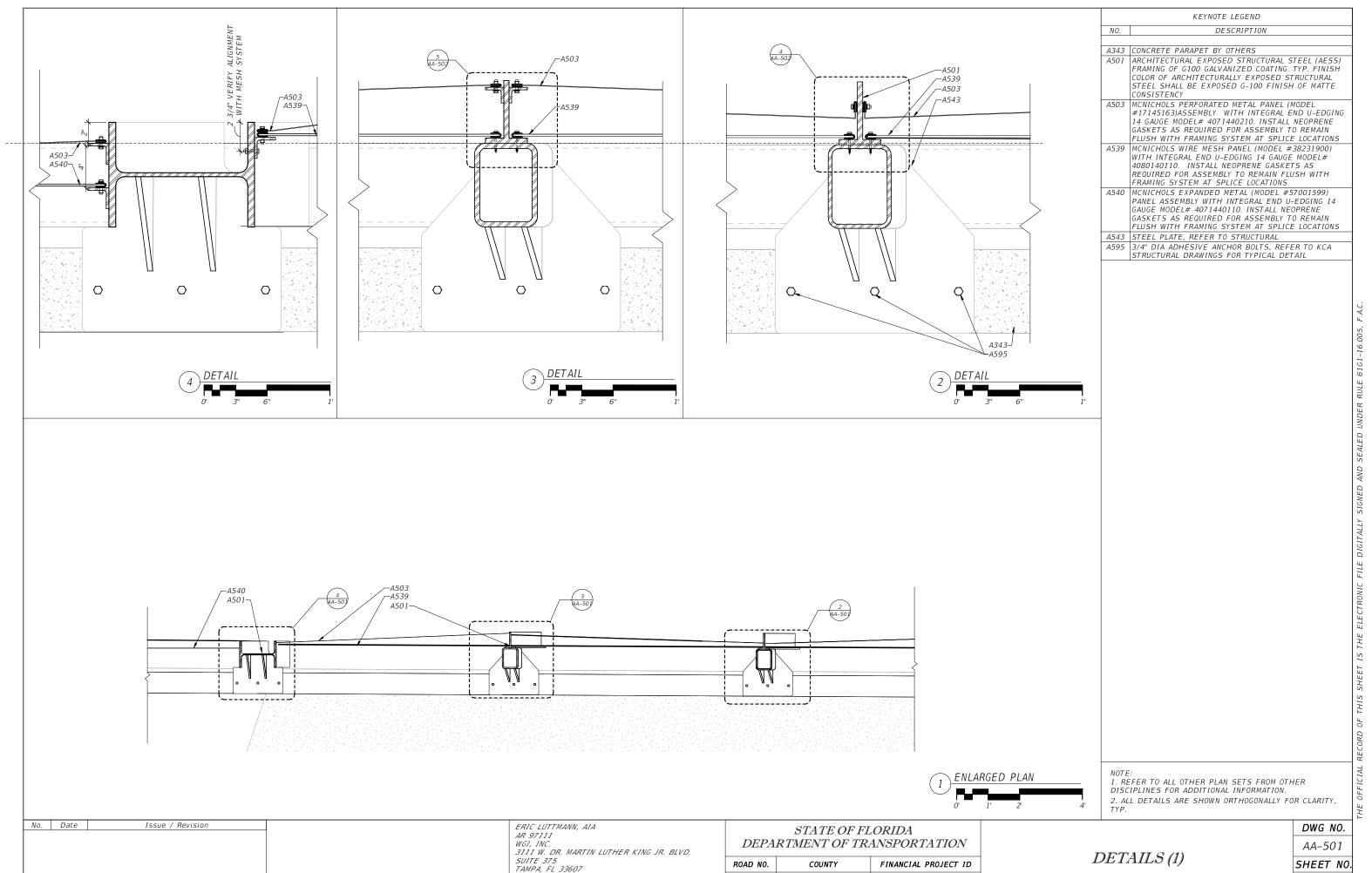
437498-1-52-02

ENCLOSURE MATERIALS (2)

DWG NO. AA-207 SHEET NO.





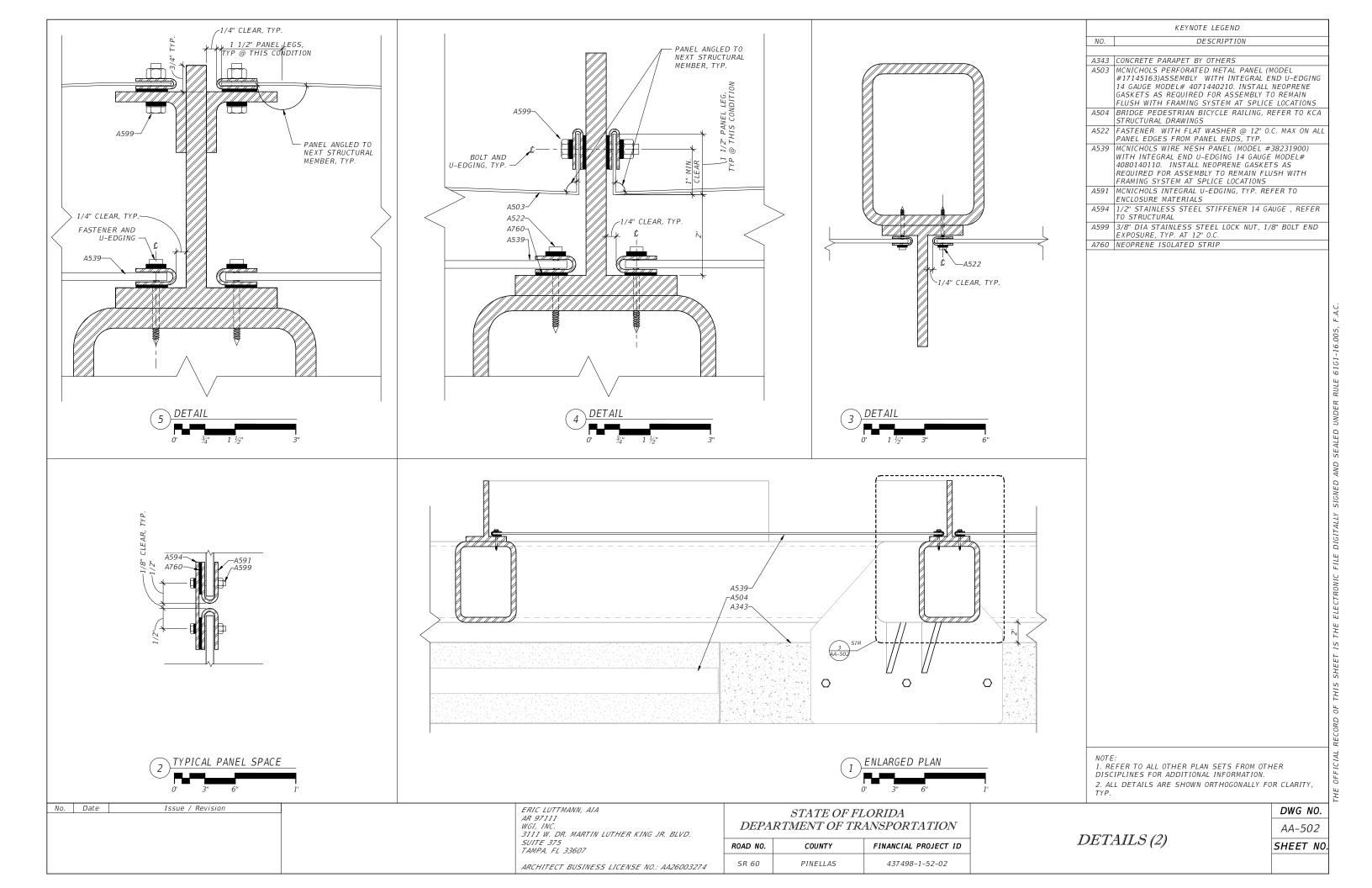


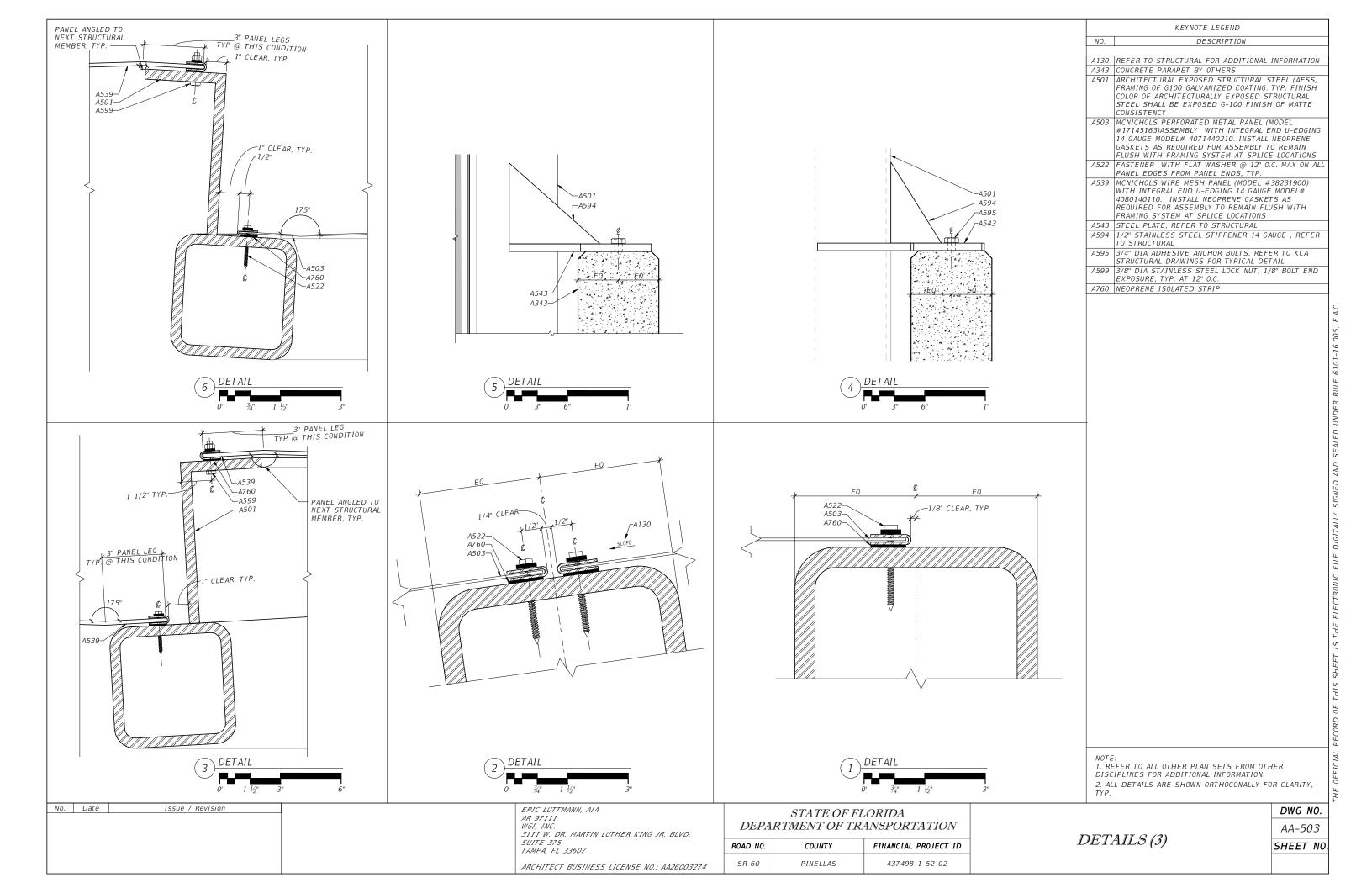
SR 60

ARCHITECT BUSINESS LICENSE NO.: AA26003274

PINELLAS

437498-1-52-02



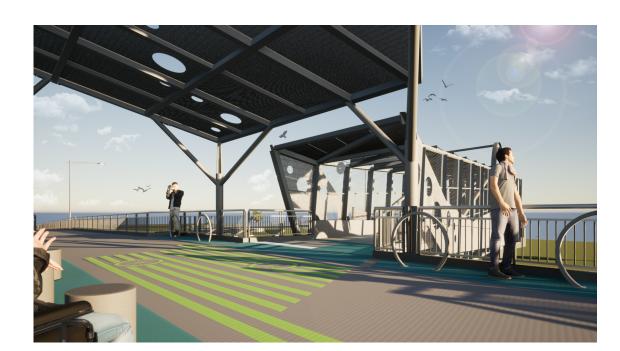
















NOTE: ALL 3D IMAGES ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. THEY ARE NOT INTENDED FOR USE IN CONSTRUCTION AND DETAILING OF THE PROJECT

PERSPECTIVE VIEW

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

PERSPECTIVES

DWG NO.

AA-901

SHEET NO.

ATION OFFICE OF THE OF THE OFFICE OFFICE

ELECTRICAL LEGEND	<u> </u>	<u>EL</u>	.EC
DESCRIPTION	MOUNTING	1.	
SURFACE MOUNTED LED LUMINAIRE, LETTER INDICATES TYPE.	SURFACE MTD - SEE FIXTURE SCHEDULE		Ä
SURFACE LED LUMINAIRE, LETTER INDICATES TYPE.	SURFACE MTD - SEE FIXTURE SCHEDULE		E
SURFACE LED LUMINAIRE, LETTER INDICATES TYPE.	SURFACE MTD - SEE FIXTURE SCHEDULE	2.	C I
SINGLE POLE SWITCH (120/277V), LETTER INDICATES FIXTURE GROUPING BY SWITCH	M.H. 48" AFF TO TOP	3.	,,
THREE WAY SWITCH (120/277V), LETTER INDICATES FIXTURE GROUPING BY SWITCH	M.H. 48" AFF TO TOP	4.	1 <u>9</u> 1
SINGLE POLE SWITCH (120/277V), KEY OPERATED. LETTER INDICATES FIXTURE GROUPING BY SWITCH	M.H. 48" AFF TO TOP	5.	E 7
MOTOR/HP RATED TOGGLE SWITCH SIZED PER MOTOR MANUFACTURER'S RECOMMENDATION, MINIMUM 20 AMP.	SURFACE, ADJACENT TO OR ON MOTOR	6.	A C
LINE VOLTAGE (120/277 VOLT) SWITCH WITH INTEGRAL OCCUPANCY SENSOR (AUTO ON/AUTO OFF)	M.H. 48" AFF TO TOP	7. 8.	A C
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	9. 10. 11.	1 A A
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	12. 13. 14.	F N E
PUSH-BUTTON DIMMER SWITCH, ON/OFF/DIMMING - O-10V. LED DIMMER SHALL BE COMPATIBLE WITH LED DRIVER AND OCCUPANCY SENSOR.	M.H. 48" AFF TO TOP	16.	, V
MULTI-WAY PUSH-BUTTON DIMMER SWITCH, ON/OFF/DIMMING (MULTI-WAY APPLICATION WITH NON-DIMMING UNITS ONLY) O-10V LED DIMMER SHALL BE COMPATIBLE WITH LED DRIVER AND OCCUPANCY SENSOR.	M.H. 48" AFF TO TOP	17.	F

	VIATIONS		
AFF	ABOVE FINISHED FLOOR	H.D.	HAND DRYER
AFG	ABOVE FINISHED GRADE	INT	INTERCOM/PAGING CABINET
E	EXISTING	MTG	MOUNTING
ETR	EXISTING TO REMAIN	MTD	MOUNTED
EWC	ELECTRIC WATER COOLER	M.H.	MOUNTING HEIGHT
EWH	ELECTRIC WATER HEATER	N/A	NOT APPLICABLE
EG	EQUIPMENT GROUND	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
ESB	ENERGY SAVING BALLAST	PR0.I	PROJECTOR LOCATION
EXP	EXPLOSION PROOF	FNUJ	PROJECTOR LOCATION
FACP	FIRE ALARM CONTROL PANEL	U.O.N.	UNLESS OTHERWISE NOTE
FATC	FIRE ALARM TERMINAL CABINET	U.G.	UNDERGROUND
FDP	FLAT PANEL DISPLAY	R	REMOVE
GFI	GROUND FAULT PROTECTION	RL	RELOCATED
G, GND	GROUND	WP	WEATHER PROOF
GWB	GYPSUM WALL BOARD		

NOTES APPLY TO ALL SHEETS)

- ALL ELECTRICAL WORK SHALL MEET ALL OF THE REQUIREMENTS OF THE
 - OWING:
 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 FULUMBING 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).
- C. 2020 NATIONAL ELECTRIC CODE. 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 WINOR 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
- 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 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

	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 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607

ELECTRICAL LEGEND

MOUNTING

M.H. 6'-0" TO TOP OR AS

M.H. 6'-0" TO

M.H. 6'-0" TO

M.H. 6'-0" TO

M.H. 42" AFF TO

BOTTOM OR AS

TO BOTTOM OR

M.H. 16" AFF

M.H. 16" AFF

TO BOTTOM

AS NOTED

TOP OR AS

TOP OR AS

TOP OR AS

NOTED

NOTED

NOTED

NOTED

N/A

N/A

SYMBOL

 $\stackrel{A}{\Box}$

DESCRIPTION

BRANCH CIRCUIT CONDUIT AND WIRE CONCEALED ABOVE CEILING OR BEHIND

RACEWAY EXPOSED ON WALL OR CEILING

HOMERUN TO PANELBOARD - LETTER INDICATES PANEL, NUMBER INDICATES

ANY HOMERUN WITHOUT FURTHER

AND #12 AWG EQUIPMENT GROUND.

120/208 VOLT POWER PANELBOARD

277/480 VOLT POWER PANELBOARD

CIRCUIT, MINIMUM 3/4" CONDUIT, NOTE:

DESIGNATION INDICATES TWO #12 AWG

DEDICATED CIRCUIT REQUIRES SEPARATE

SYMBOL

---EG

П

€

NFIITRAI

CONDUIT CAPPED

NON-FUSIBLE SWITCH

FOLLOWING:

THIS IS A STANDARD LEGEND.

FUSIBLE SAFETY SWITCH

DUPLEX RECEPTACLE - 120VAC

'WP' = WEATHERPROOF TYPE

= TAMPER PROOF.

NOT ALL DEVICES SHOWN ARE USED IN THESE DOCUMENTS.

DOUBLE DUPLEX RECEPTACLE - 120VAC

DUPLEX RECEPTACLE - 120VAC. LETTER NEXT TO DEVICE INDICATES THE

'GFI' = GROUND FAULT PROTECTION TYPE.

= DAMP LOCATION WEATHERPROOF

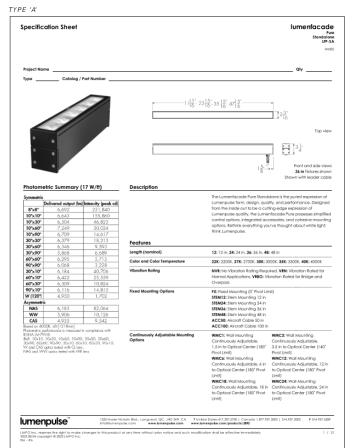
COVER (NOT IN USE TYPE)

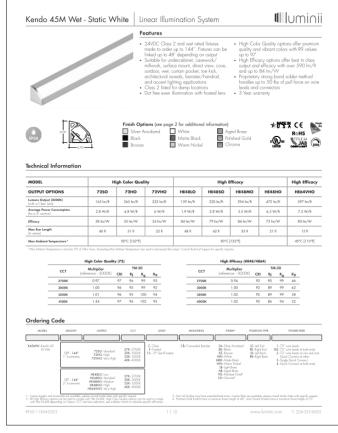
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

ROAD NO. FINANCIAL PROJECT ID COUNTY PINFILAS 437498-1-52-02

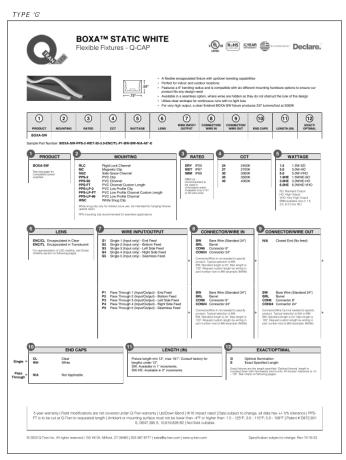
ELECTRICAL GENERAL NOTES AND SYMBOL LEGEND

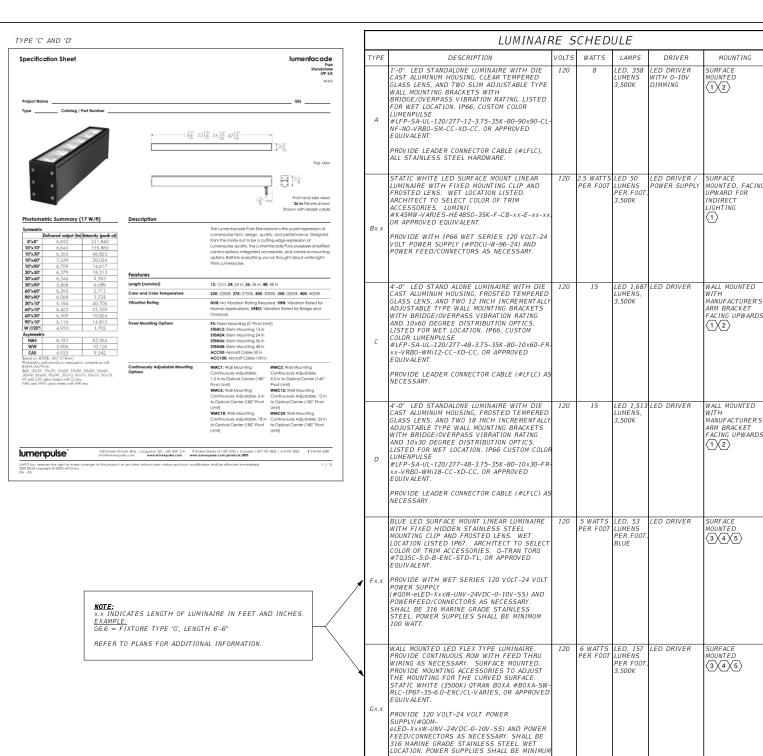
DWG NO. AE-001

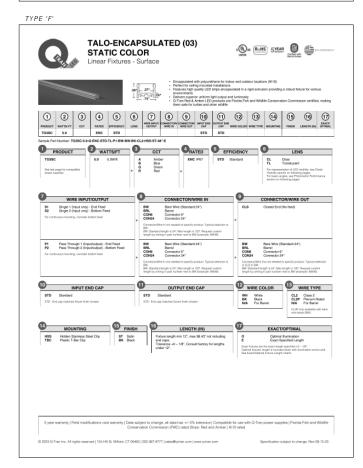




TYPE 'B'

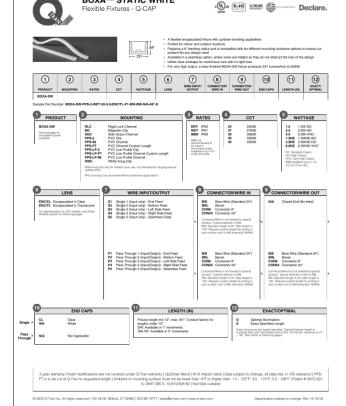






Issue / Revision

No. Date



100 WATT.

(1) 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.

SUBSTITUTIONS WILL NOT BE CONSIDERED WITHOUT A MINIMUM 15 DAY PRIOR APPROVAL SUBMITTAL AND ANY APPROVAL ISSUED BY ADDENDUM. REFER TO SPECIFICATIONS FOR PRIOR APPROVAL SUBMITTAL REQUIREMENTS

- (2) ALL FINAL COLORS WILL BE SELECTED DURING SHOP DRAWING REVIEW, INCLUDING MOUNTING STEMS. PROVIDE FOR CUSTOM COLORS TO BE SELECTED BY THE ARCHITECT.
- (3) WIRE IN AND OUT, CONNECTOR TYPE IN AND OUT, AND CONFIGURATION SHALL BE SUBMITED WITH SHOP DRAWINGS FOR REVIEW. ILLUMINATION SHALL BE CONTINUOUS. ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL.
- 4 PROVIDE MOUNTING TO THE STRUCTURE APPROXIMATLE 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.
- $\fbox{5}$ PROVIDE LAYOUT SHOP DRAWINGS FOR 'F' AND 'G' LUMINAIRES AND INCLUDE REQUIRED SUPPLIES, CONNECTORS, MOUNTING TYPES AND LOCATIONS.

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

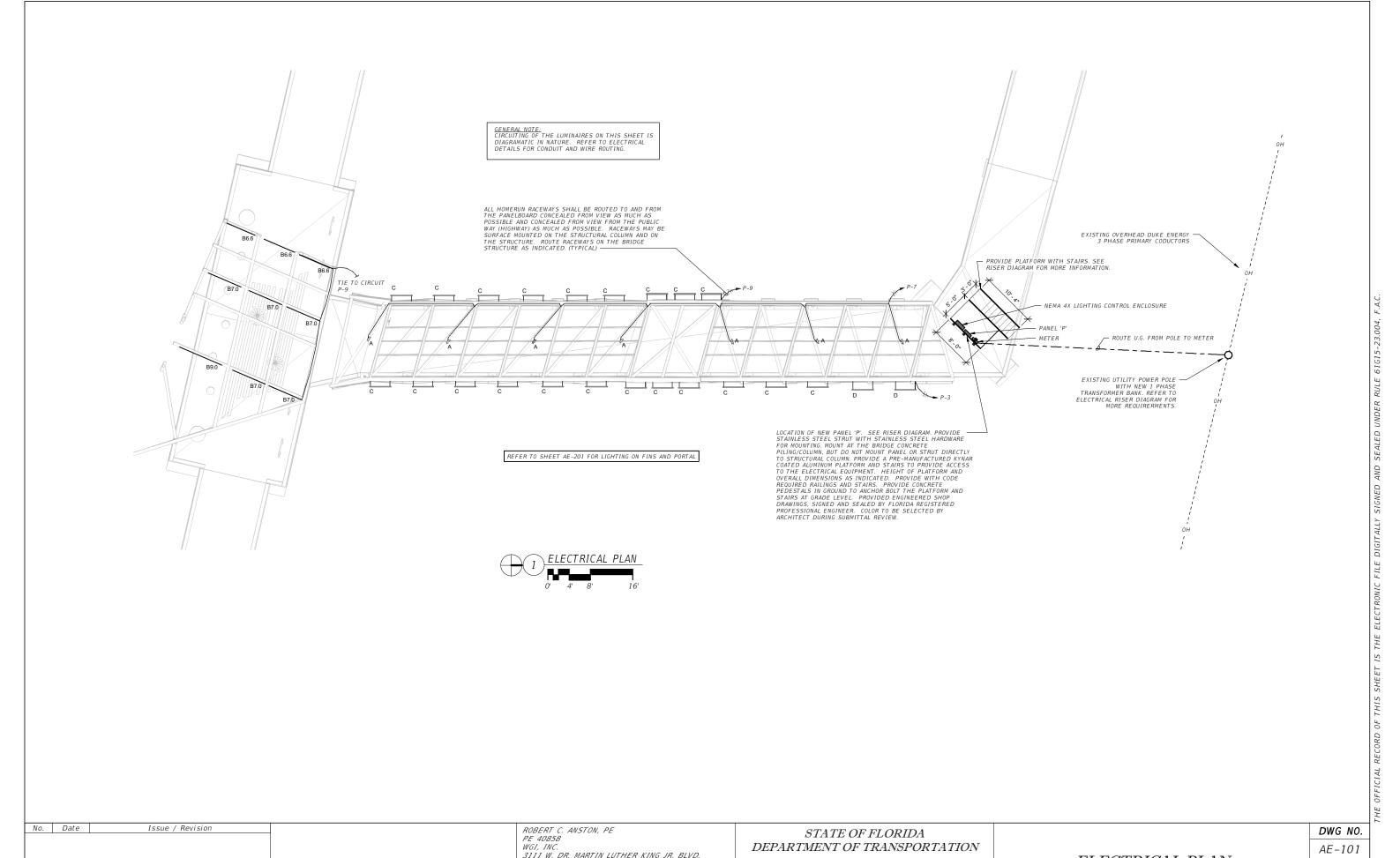
ROAD NO. COUNTY FINANCIAL PROJECT ID									
ROAD NO.	COUNTY	FINANCIAL PROJECT ID							
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STATE OF FLORIDA

LUMINAIRE SCHEDULE AND CUT SHEETS

AE-002 SHEET NO.

DWG NO.



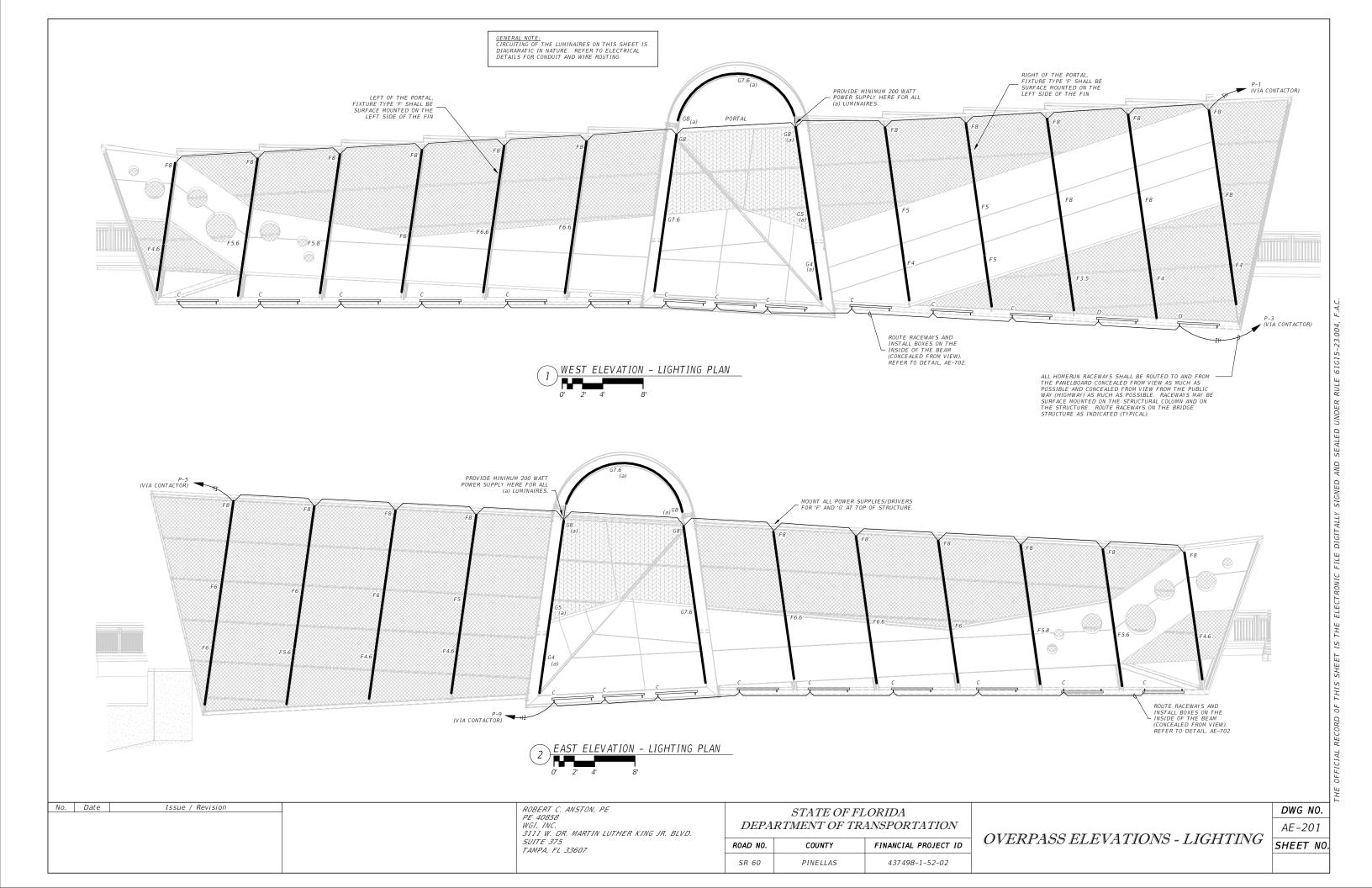
FL 40030 WGI, INC. 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 TAMPA, FL 33607

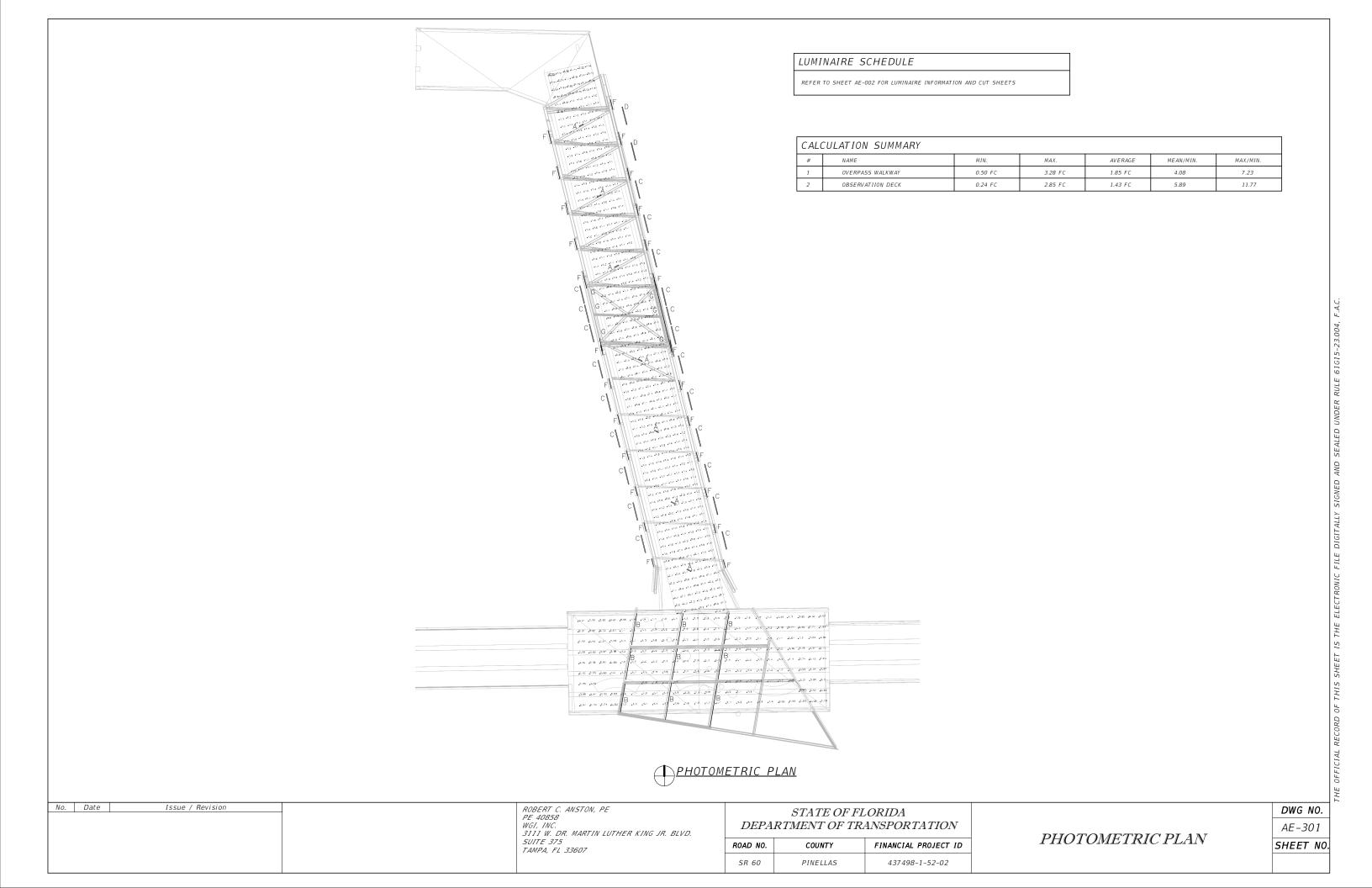
ROAD NO. FINANCIAL PROJECT ID COUNTY

437498-1-52-02

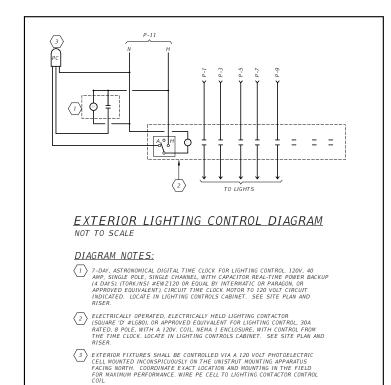
PINELLAS

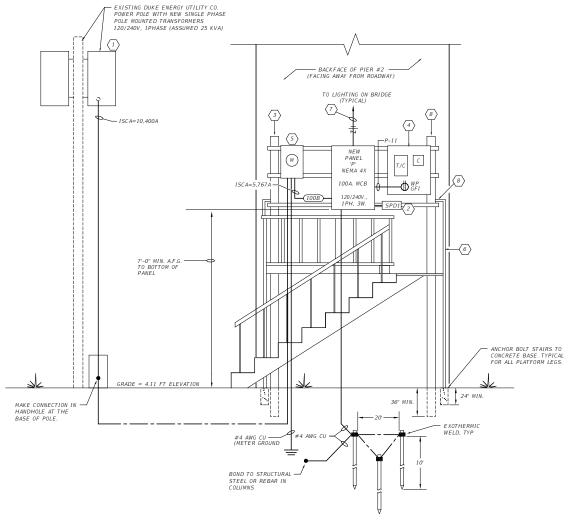
ELECTRICAL PLAN





NEW PANEI									BBOVID	F WITH NEMA 4X ENCLOSURE
PANEL: F AIC RATING: 1 SERVICE: 1	10000 AMPS				1PH, 3W				PROVIDE	MLO: 0 AMPS MCB: 100 AMPS
DESCRIPTION	KVA	BKR	CKT	А		В	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
		-	PH =	2.20		ВРН	= 1.80			•
SERVES	CONN LOAL)	ACTOR		FEED	DI	VERSI	TY	KVAD	PANEL KVAD
LIGHTING	3.80	Х	1.25	=	4.75	X		=		
RECEPT	0.20	х	*	=	0.20	x		=		
MISC EQUIP	0.00	х	1.00	=	0.00	X		=		
A/C	0.00	х	1.00	=	0.00	x		=		
HE AT ING	0.00	х	1.00	=	0.00	X		=		
LARGEST MOTOR	0.00	х	1.25	=	0.00	x		=		
OTHER MOTORS	0.00	х	1.00	=	0.00	x		=		
OTHER	0.00	х	1.00	=	0.00	x		=		
SPARE					19.05					
TOTALC	1.00	101.00	Ь Т		2400	161 6 4	_			1





ELECTRICAL RISER DIAGRAM

GENERAL NOTES:

- COORDINATE ALL SITE WORK WITH UTILITY COMPANIES.
- ALL CONDUIT ROUTED UNDERGROUND SHALL BE A MINIMUM OF 3/4" AND SHALL BE BURIED A MINIMUM OF 24" B.F.G.
- 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.
- PROVIDE HANDHOLES AND PULLBOXES AS REQUIRED. ALL PULLBOXES SHALL BE POLYMER CONCRETE (OUASITE 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.
- DIRECTIONAL BORE UNDER ANY EXISTING SIDEWALKS OR
- 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 GASLETED, PADLOCKABLE. BUD PART NO.
 SNB-3754-SSS, ONLY WITH PABLOCKABLE DOOR. MOUNT THE
 TIMECLOCK CONTACTOR AND RECEPTACE INSIDE THE CABINET 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 KYNAR 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.
- 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. UNNISTRUT SUPPORT AND PLATFORM SHALL BE ISOLATED FROM THE COLUMN.

FEEDER/BRANCH CIRCUIT SCHEDULE													
DES	CRIPTION	VOLTS PHASE TOTAL C.I. AMPS SIZ AMF					VOLTAGE DROP (%)	WIRE PER PHASE	NEUT WIRE	GND WIRE	# OF RUNS	CONDUIT SIZE	FEEDER LENGTH (FEET)
SERVICE/FEEDER	SERVICE/FEEDER												
FROM	TO												
SERVICE POLE	PANEL 'P'	240	10	15.3	100A	0.30	0.13%	#1 AWG	#1 AWG	N/A	1	NOTE 1	60
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	NOTE 1	160
PANEL 'P'	CIRCUIT P-3 ENDPOINT	120	10	1.8	20	0.95	0.67%	#10 AWG	#10 AWG	#10 AWG	1	NOTE 1	174
PANEL 'P'	CIRCUIT P-5 ENDPOINT	120	10	9.2	20	3.07	2.43%	#10 AWG	#10 AWG	#10 AWG	1	NOTE 1	144
PANEL 'P'	CIRCUIT P-7 ENDPOINT	120	10	0.5	20	0.47	0.27%	#10 AWG	#10 AWG	#10 AWG	1	NOTE 1	159
PANEL 'P'	CIRCUIT P-9 ENDPOINT	120	10	6.4	20	2.84	2.25%	#10 AWG	#10 AWG	#10 AWG	1	NOTE 1	190
NOTE 1: SEE DRAWINGS FOR CONDUIT SIZES													

NOIE 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%)

ROBERT C. ANSTON, PE STATE OF FLORIDA PE 40858 WGI, INC DEPARTMENT OF TRANSPORTATION 3111 W. DR. MARTIN LUTHER KING JR. BLVD. SUITE 375 ROAD NO. FINANCIAL PROJECT ID COUNTY TAMPA, FL 33607 PINFILAS 437498-1-52-02

ELECTRICAL RISER DIAGRAM

DWG NO. AE-601

SHEET NO.

No. Date

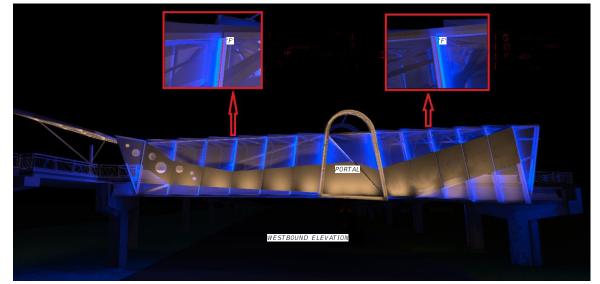
Issue / Revision





LEFT OF THE PORTAL FIXTURE TYPE 'F' ARE SURFACE MOUNTED ON THE LEFT SIDE OF THE FIN

RIGHT OF THE PORTAL FIXTURE TYPE 'F' ARE SURFACE MOUNTED ON THE RIGHT SIDE OF THE FIN



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

IMAGES ARE DIAGRAMMATIC TO SHOW INTENT - REFER TO PLAN VIEWS AND DETAILS 4 LUMINAIRE TYPE 'F' MOUNTING DETAIL

No. Date Issue / Revision

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

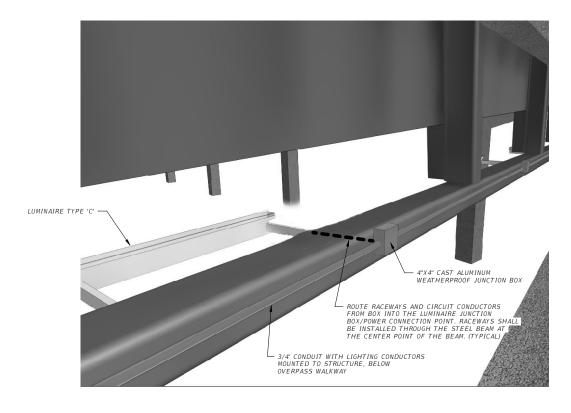
ROAD NO. COUNTY FINANCIAL PROJECT ID
SR 60 PINELLAS 437498-1-52-02

ELECTRICAL DETAILS (1)

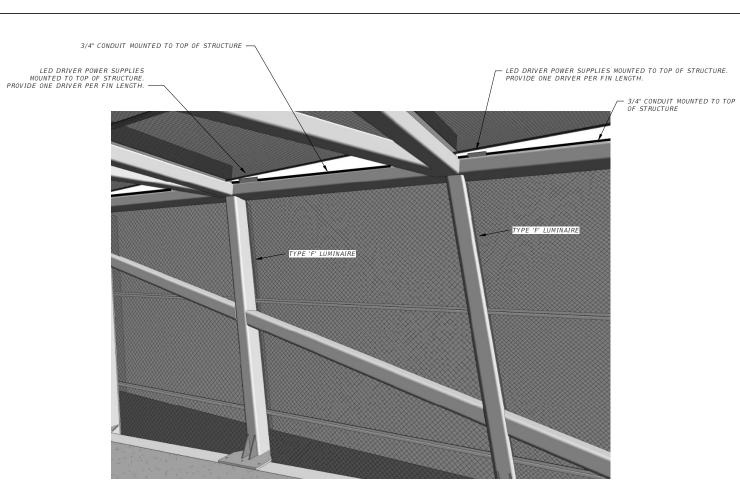
DWG NO.

AE-701

SHEET NO.



2 LIGHTING CONDUIT ROUTING DETAIL



1 LED DRIVER MOUNTING DETAIL

ROBERT C. ANSTON, PE
PE 40858
WGI, INC.
3111 W. DR. MARTIN LUTHER KING JR. BLVD.
SUITE 375
TAMPA, FL 33607 No. Date Issue / Revision

 $STATE\ OF\ FLORIDA$ DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID

437498-1-52-02

PINELLAS

SR 60

ELECTRICAL DETAILS (2)

DWG NO. AE-702