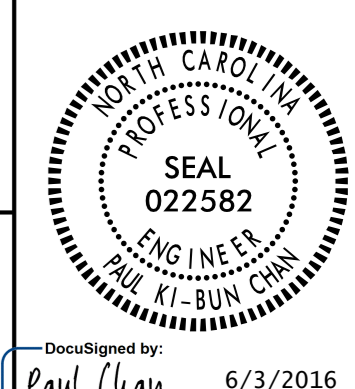
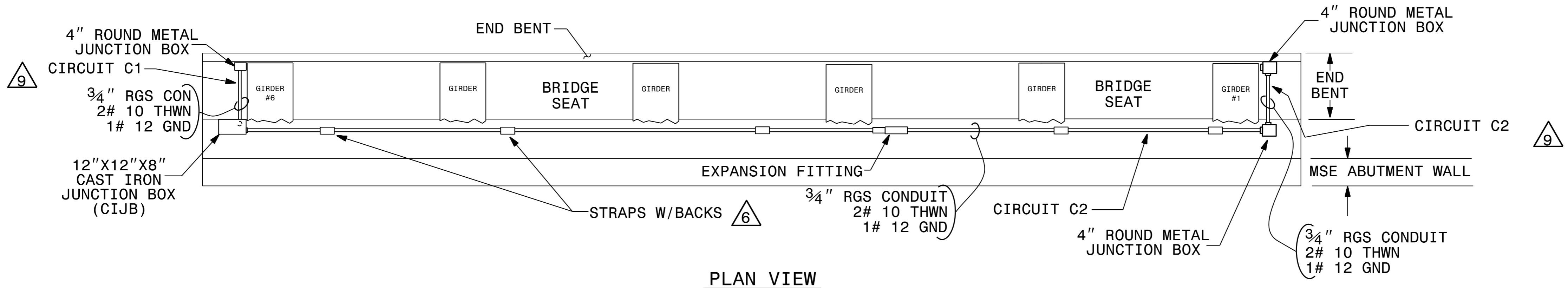
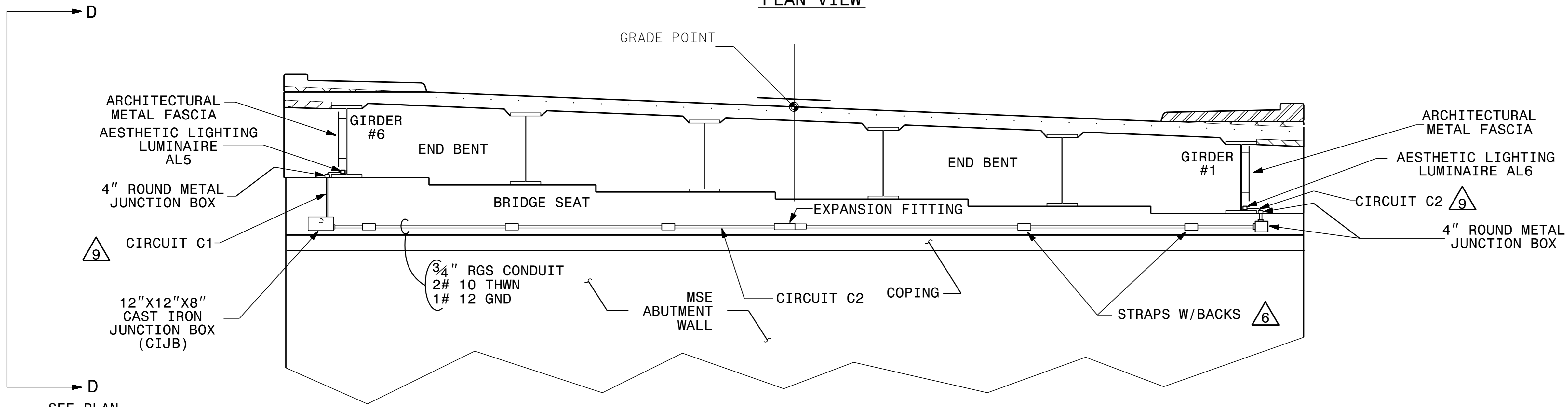


USE FOR LIGHTING CONSTRUCTION ONLY

PROJECT REFERENCE NO. B-5121/B-5317	SHEET NO. E8
NTS	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PLAN VIEW



ELEVATION VIEW

- NOTES**
- 1 ATTACH CONDUIT TO END BENT CAP USING STRAPS WITH BACKS.
 - 2 COORDINATE WITH PRIME CONTRACTOR TO INSTALL CONDUIT BEHIND THE MSE ABUTMENT WALL PRIOR TO PLACEMENT OF FILL.
 - 3 PROVIDE EXPANSION FITTING PER STANDARD DRAWING 1412.01.
 - 4 SEE STANDARD DRAWING 1412.01 FOR ADDITIONAL INSTALLATION DETAILS.
 - 5 SPOTLIGHT LUMINAIRES ARE NOT SHOWN. SEE ROADWAY LIGHTING PLAN SHEET E4.
 - 6 ATTACH CONDUIT USING STRAPS W/BACKS SPACED IN ACCORDANCE WITH REQUIREMENTS OF NEC ARTICLE 344.
 - 7 DASHED CONDUITS INDICATE CONDUIT IS MOUNTED BEHIND MSE ABUTMENT WALL.
 - 8 SEE STRUCTURES PLANS FOR AESTHETIC LIGHTING BRACKETS AND STRUCTURAL ATTACHMENT.
 - 9 MIRROR DETAILS FOR CONTROL SYSTEM "C" ON EAST SIDE OF CAPITAL BLVD. FOR CONTROL SYSTEM "B" ON WEST SIDE OF CAPITAL BLVD AS SHOWN IN WADE AVENUE PLAN SHEETS E8 AND E9. CIRCUITS B1, B2 AND C1 SHALL HAVE 27 AESTHETIC LIGHT LUMINAIRES PLUS 1 AESTHETIC LIGHT LUMINAIRE FOR DECORATIVE MEDALLION. CIRCUIT C2 SHALL HAVE 26 AESTHETIC LIGHT LUMINAIRES PLUS 1 AESTHETIC LIGHT LUMINAIRE FOR DECORATIVE MEDALLION. ONE CIRCUIT RUN PER CONTROL SYSTEM ON EACH SIDE OF WADE AVE BRIDGE. SEE PLAN SHEET E9 FOR LIGHTING DETAILS OF MEDALLION.
 - 10 FINAL DIMENSION TO BE DETERMINED PRIOR TO GIRDER FABRICATION BY THE ENGINEER.
 - 11 SEE LIGHTING PROJECT SPECIAL PROVISIONS SECTION 6.00 "AESTHETIC LIGHTING SYSTEM" FOR ADDITIONAL DETAILS.
 - 12 COIL EXTRA JUMPER LENGTH AND STRAP TO LUMINAIRE BRACKET.

ESTIMATED BILL OF MATERIALS

UNIT	ITEM	QNTY
EA	CIJB: 12"X12"X8" CAST IRON JUNCTION BOX WITH HINGE	2
EA	4" ROUND METAL JUNCTION BOXES	6
EA	GALVANIZED IRON 3/4" CONDUIT BODY WITH COVER & GASKET	8
FT	3/4" RGS CONDUIT	150
FT	2" PVC CONDUIT WITH BELL ENDS	60
EA	2" PVC 90 BELL ELBOW	2
FT	PULL LINE	500
EA	LED AESTHETIC LIGHTING LUMINAIRE 4' LONG, 15W/FT, * K, 30 DEG X 60 DEG BEAM ANGLE	111
EA	AESTHETIC LIGHTING LUMINAIRE JUMPER CABLE (1-FT)	99
EA	AESTHETIC LIGHTING LUMINAIRE JUMPER CABLE (10-FT)	8
EA	AESTHETIC LIGHTING LUMINAIRE LEADER CABLE (10-FT)	4
EA	3/4" RGS EXPANSION FITTING	2

* NOTE: THE COLOR TEMPERATURE FOR THE LED AESTHETIC LIGHTING LUMINAIRE WILL BE DETERMINED FROM THE MOCK-UP.

DRAWN BY : AB DATE : _____
 CHECKED BY : PKC DATE : _____

2			
1			
Rev.	Date	Description	Approved
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN LIGHTING/ELECTRICAL SECTION			
LIGHTING DETAILS REPLACE BRIDGE NO.213 OVER WADE AVENUE ON US 70/401 (CAPTIAL BOULEVARD)			
WAKE COUNTY			
Drawn By:	AB	Approved By:	Dwg No.: