

USE FOR LIGHTING CONSTRUCTION ONLY

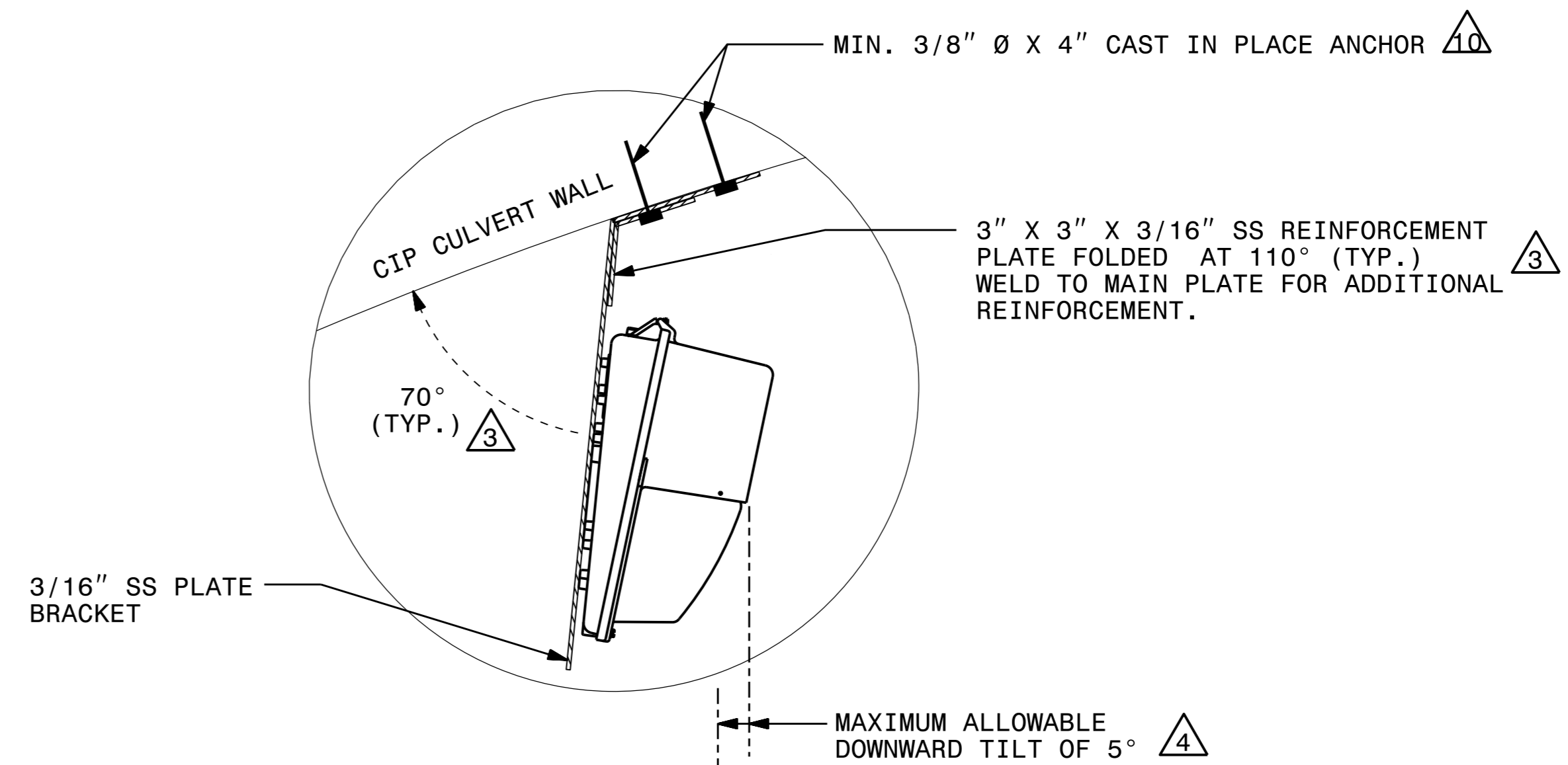


DocuSigned by Nathan P. Dominguez
02/21/2024
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**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

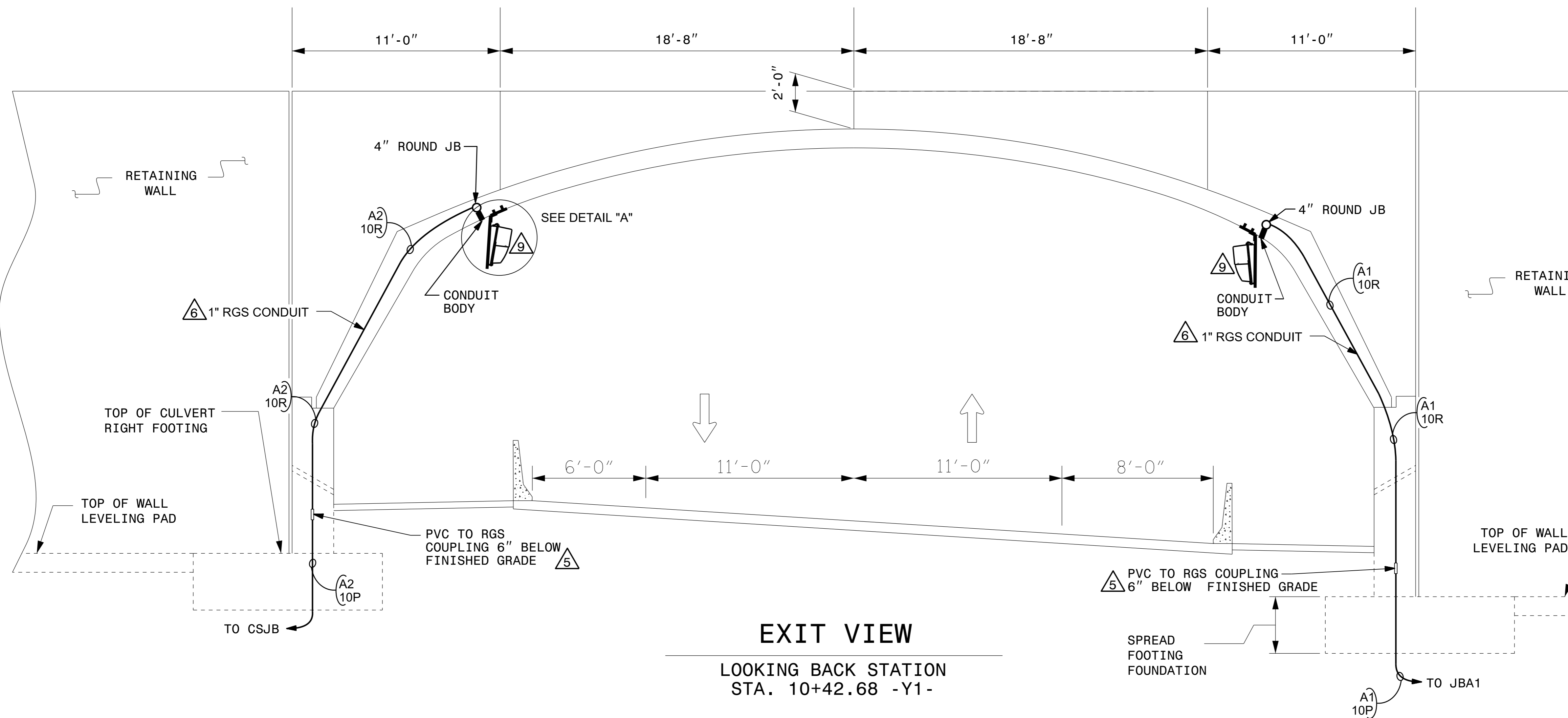
NOTES FOR THIS SHEET

- 1 INCLUDE AN RGC EXPANSION FITTING AT ALL CULVERT EXPANSION JOINTS.
- 2 CSJB IS CONTROL SYSTEM JB.
- 3 ANGLES ARE THEORETICAL ONLY. ACTUAL ANGLE MUST BE VERIFIED FROM THE SITE PRIOR TO MANUFACTURING MOUNTING PLATE.
- 4 ANGLE MAY BE FINE TUNED WITH WASHERS BETWEEN THE BACK OF THE LUMINAIRE AND THE MOUNTING PLATE.
- 5 APPLY TWO LAYERS OF BITUMINOUS COATING TO ALL RGS CONDUIT UNDERGROUND AND FOR 6" ABOVE GRADE.
- 6 USE SWEEPS AND BENDS AS REQUIRED TO MATCH CURVATURE OF CULVERT FACE.
- 7 SURFACE MOUNT 1" RGS CONDUIT ALONG FACE OF CULVERT. PROVIDE CONDUIT STRAPS W/BACK FOR SUPPORTING CONDUITS. INSTALL STRAPS AT 12' SPACING, MAXIMUM, AND INSTALL WITHIN 3' OF JUNCTION BOXES AND CONDULETS.
- 8 SEE SHEET E-3 FOR ADDITIONAL MOUNTING AND PLACEMENT DETAILS.
- 9 INSTALL MOUNTING BRACKET AND LUMINAIRE SUCH THAT FACE OF LUMINAIRE IS APPROXIMATELY 6" BEHIND THE BACK OF CONCRETE BARRIER.
- 10 LIGHTING CONTRACTOR SHALL COORDINATE WORK WITH CULVERT CONTRACTOR AND MANUFACTURER. ALL CONCRETE INSERTS FOR CONDUIT SYSTEM AND LUMINAIRE BRACKETS MUST BE INSTALLED IN CULVERT DURING CASTING. FIELD DRILLING OF CULVERT WALL IS NOT ALLOWED.



DETAIL "A"
(LUMINAIRE ON BRACKET IN TUNNEL)

NOT TO SCALE



EXIT VIEW
LOOKING BACK STATION
STA. 10+42.68 -Y1-

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1			
Rev.	Date	Description	Approved
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN LIGHTING/ELECTRICAL SECTION CULVERT CONDUIT ATTACHMENT DETAILS BEAVERDAM ROAD CULVERT UNDER I-40 HAYWOOD COUNTY			
Drawn By:	Approved By:	Dwg No.:	
RGH			

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 rghall At RD-329781L