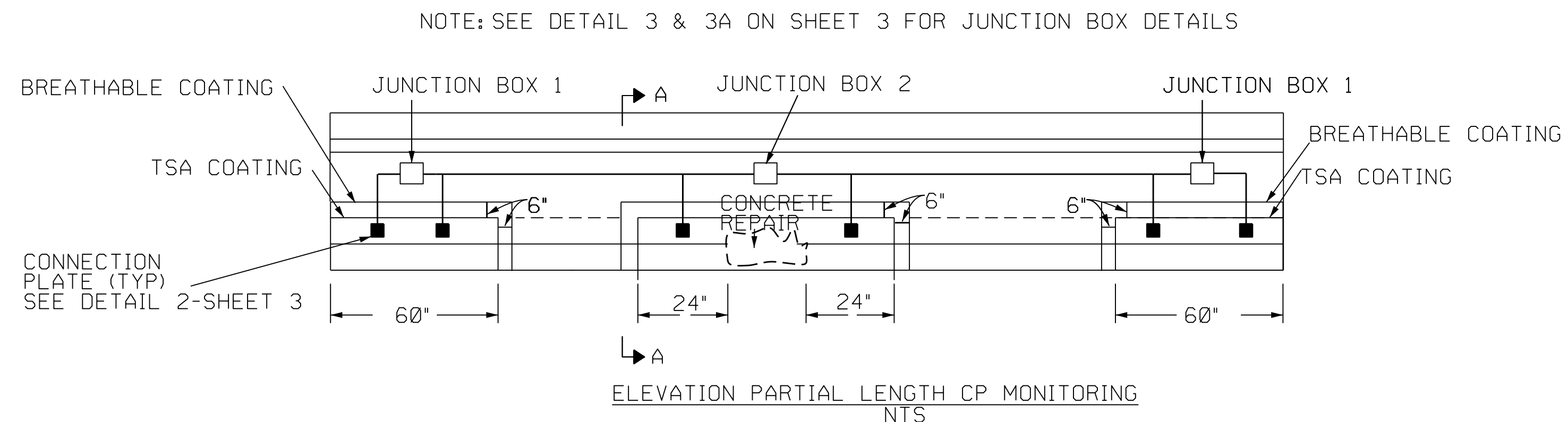
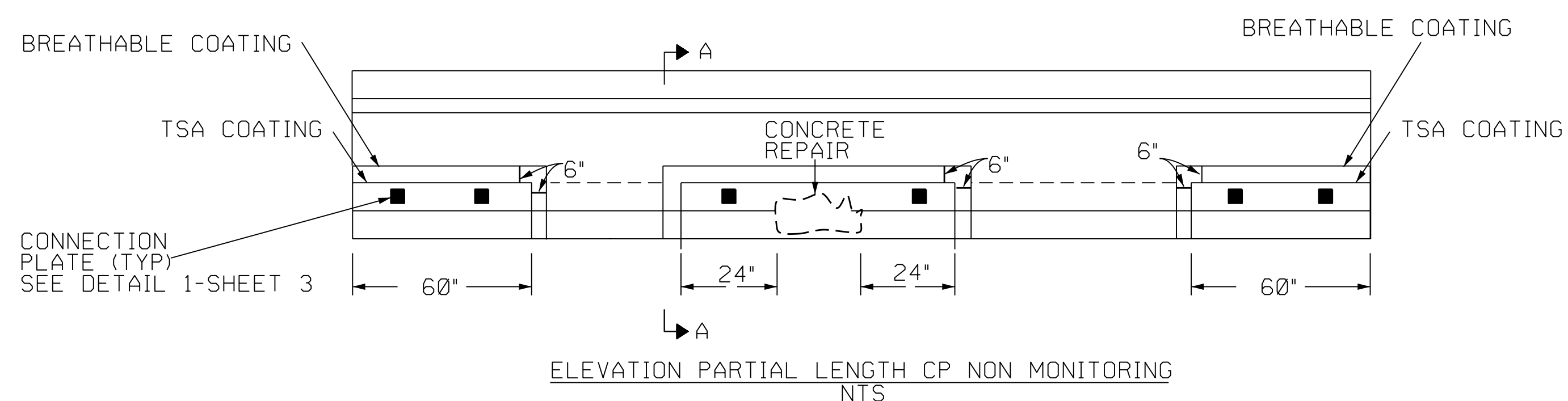


NOTES:

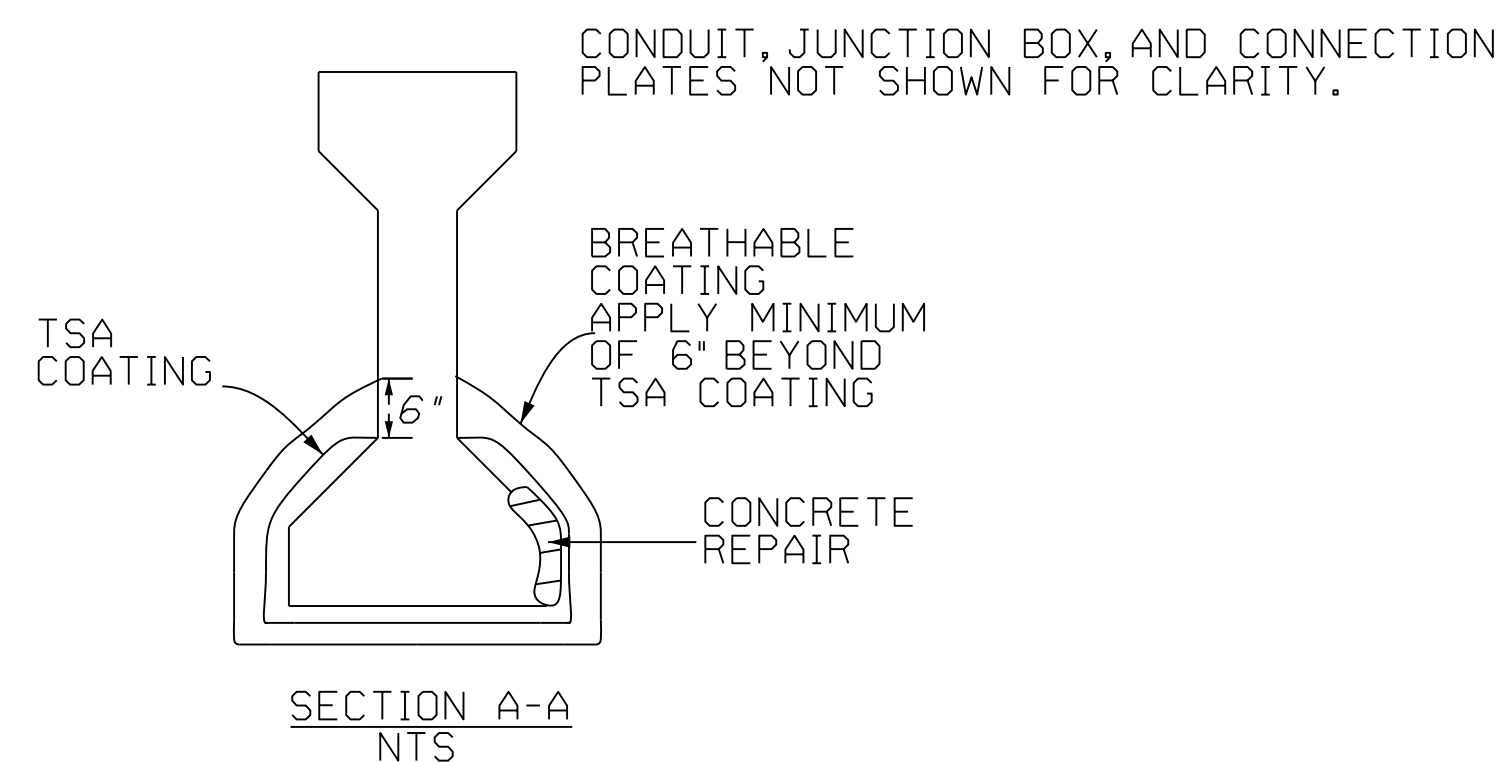
1. FOR NON-MONITORING FULL LENGTH, NO CONDUITS OR JUNCTION BOX IS REQUIRED - SEE DETAIL 1 SHEET 3
2. FOR MONITORING FULL LENGTH, TWO REFERENCE ELECTRODES SHALL BE INSTALLED PER GIRDER, ONE WITHIN THE FIRST 5' OF THE GIRDER END, THE OTHER NEAR THE CONCRETE REPAIR AREA. THE EXACT LOCATIONS SHALL BE DECIDED BY THE CATHODIC PROTECTION SPECIALIST IN THE FIELD.



NOTE: SEE DETAIL 3 & 3A ON SHEET 3 FOR JUNCTION BOX DETAILS

NOTES:

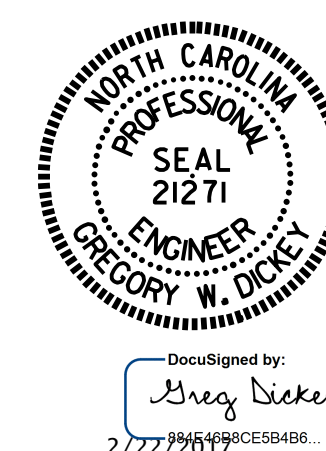
1. FOR MONITORING PARTIAL LENGTH, TWO REFERENCE ELECTRODES SHALL BE INSTALLED PER GIRDER, ONE WITHIN THE FIRST 5' OF THE GIRDER END, THE OTHER NEAR THE CONCRETE REPAIR AREA. THE EXACT LOCATIONS SHALL BE DECIDED BY THE CATHODIC PROTECTION SPECIALIST IN FIELD.
2. ALWAYS EXTEND TSA COATING AREA 24" BEYOND CONCRETE DAMAGE AREA. EXTEND BREATHABLE COATING 6" BEYOND THE EDGE OF TSA COATING.



CONDUIT, JUNCTION BOX, AND CONNECTION PLATES NOT SHOWN FOR CLARITY.

PROJECT NO. B-5938
CARTERET COUNTY
 BRIDGE NO. 68

SHEET 2 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 PRESTRESSED CONCRETE GIRDER WITH THERMAL SPRAY ANODE DETAILS

CHECKED BY : G.W.DICKEY DATE : 2/2017

DRAWN: KE 12/29/16
 CHECKED: SV 12/29/16



Siva Corrosion Services, Inc.
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-41
1			3			TOTAL SHEETS
2			4			-