

AS-BUILT REPAIR QUANTITY TABLE

REPAIRS BENT 4	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	VOLUME CF
CAP	1.9	1.0		
COLUMN	0.0	0.0		
CONCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	VOLUME CF
CAP	17.2	8.6		
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP		4.0		
COLUMN		36.0		
EPOXY COATING		SQ. FT.		SQ. FT.
TOP OF BENT CAP		145.0		

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEARANCE TO SAWCUT. SEE REPAIR DETAILS.

NOTES:

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

FOR REPAIR DETAILS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET.

CONCRETE REPAIRS MAY BE SUBSTITUTED IN LIEU OF SHOTCRETE REPAIRS WITH APPROVE OF THE ENGINEER.

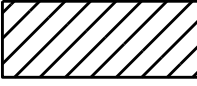


FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

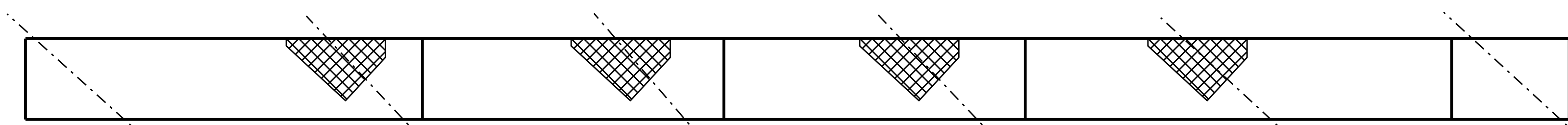
FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR CAP REPAIRS, SEE TYPICAL CAP AND COLUMN REPAIR DETAILS SHEET.

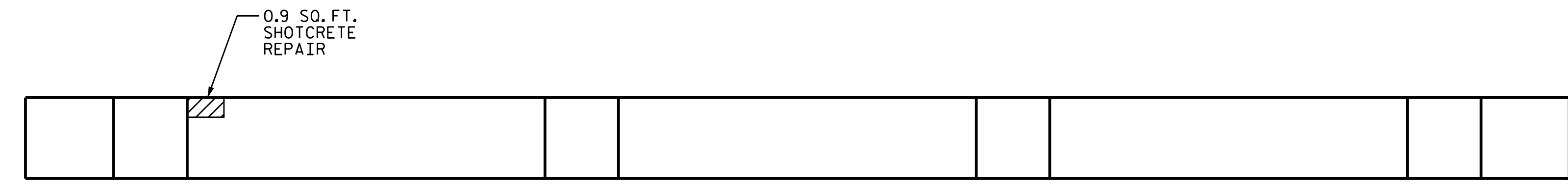
FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

CLEAN AND REMOVE DEBRIS FROM THE TOP OF THE CAP AND APPLY EPOXY PROTECTIVE COATING, EPOXY COATING SHALL BE APPLIED TO THE TOP SURFACE OF THE CAP, THE CONTRACTOR SHALL NOT COAT THE AREA OF THE CAP BENEATH THE MASONARY PLATES, FOR EPOXY COATING, SEE SPECIAL PROVISIONS.

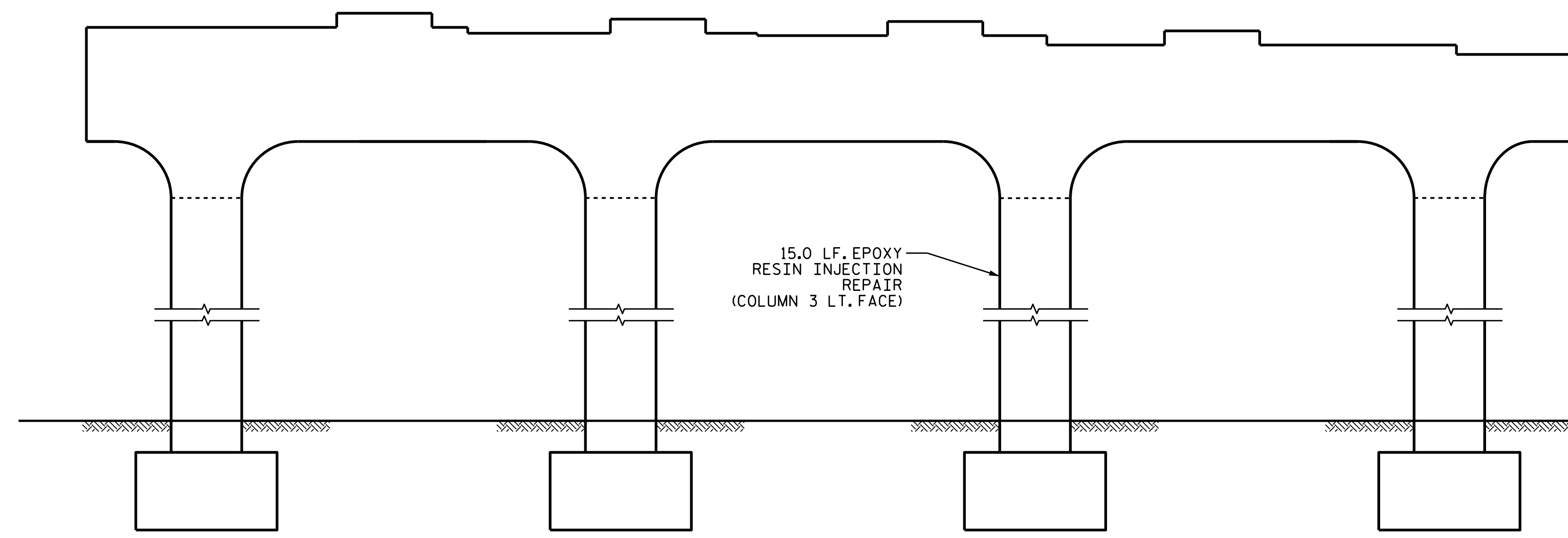
-  SHOTCRETE REPAIR AREA
-  CONCRETE REPAIR AREA
-  ERI - EPOXY RESIN INJECTION



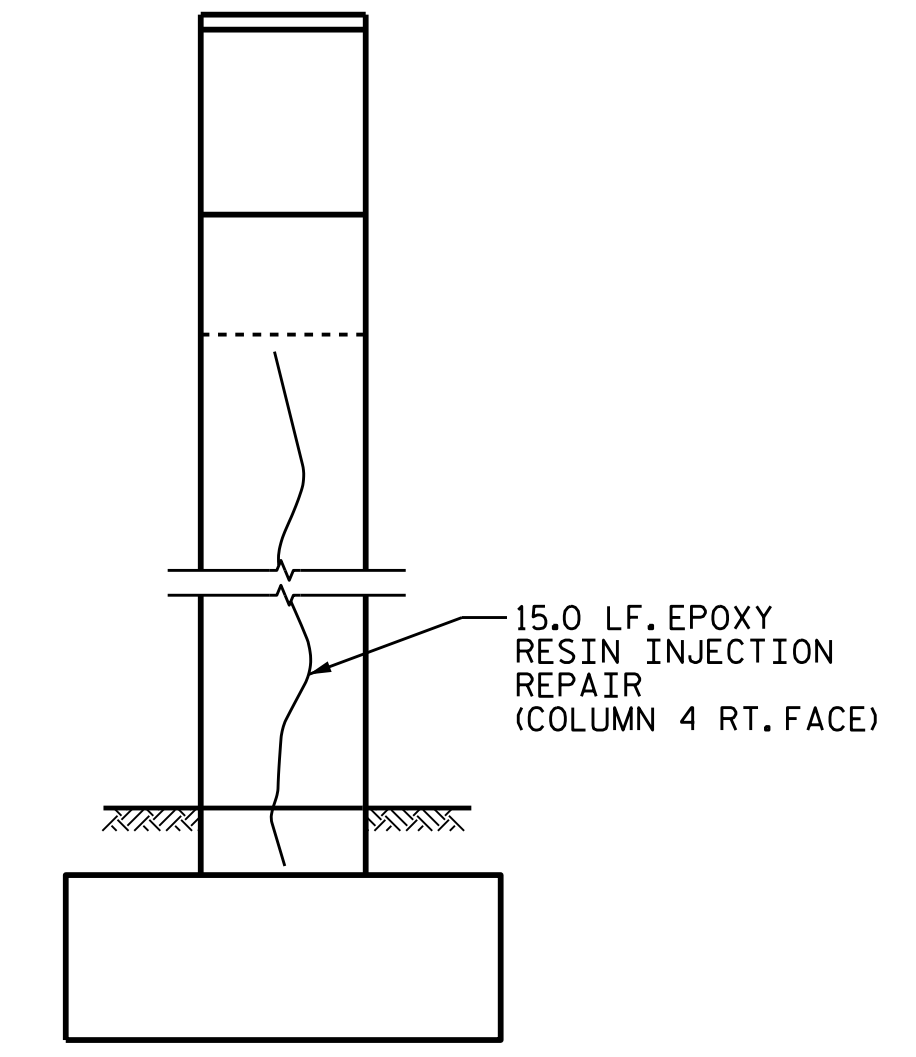
PLAN - TOP OF CAP



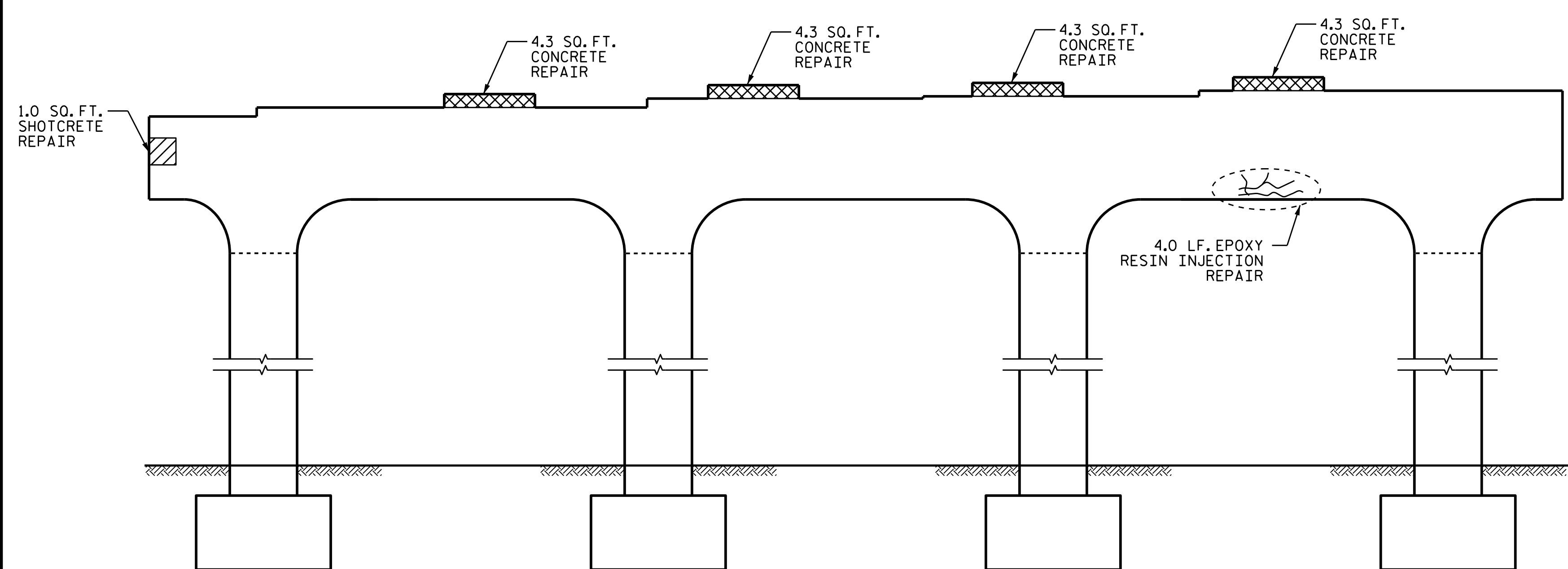
PLAN - BOTTOM OF CAP



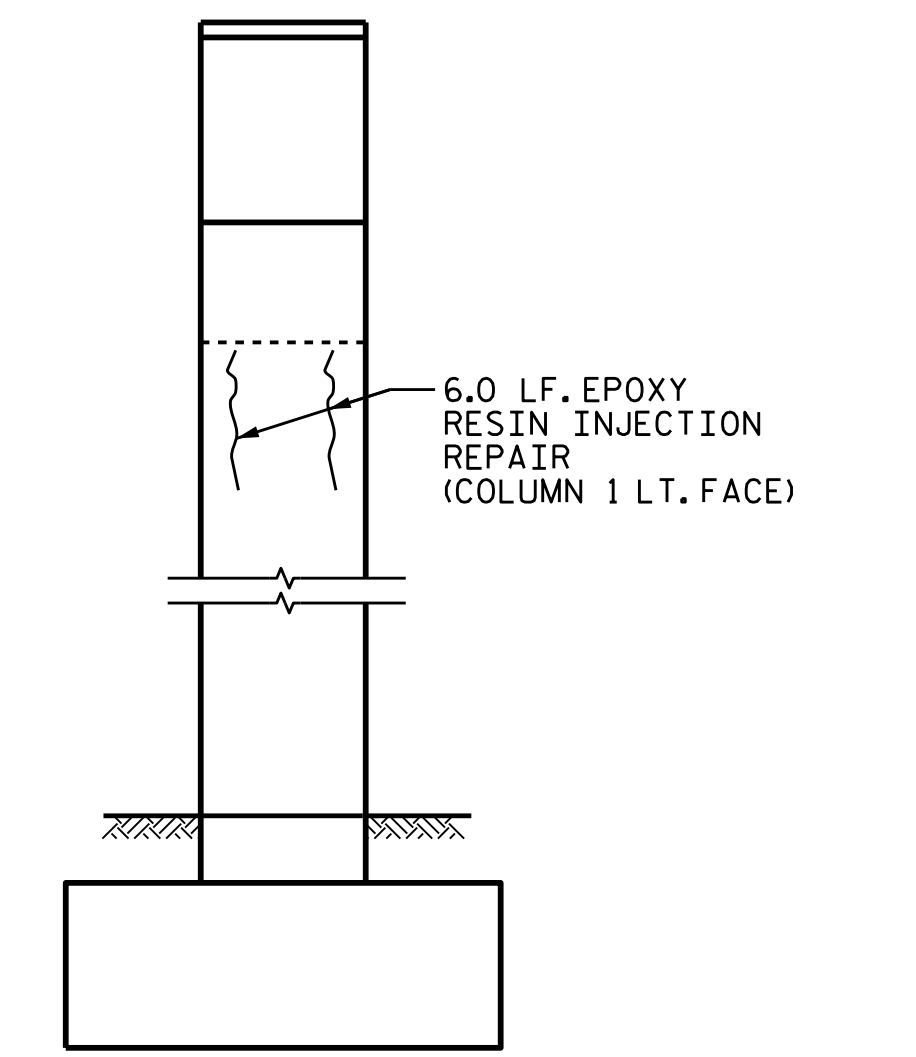
SPAN D VIEW - ELEVATION



END ELEVATION



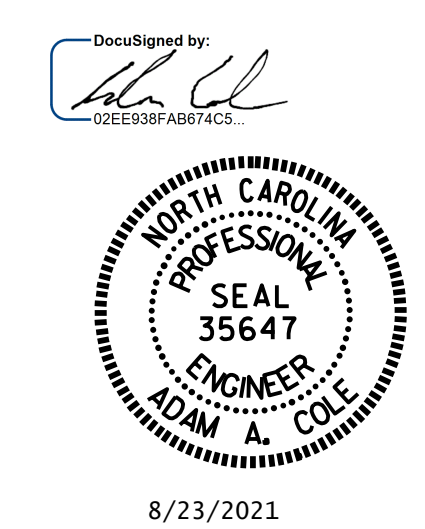
SPAN E VIEW - ELEVATION



END ELEVATION

DRAWN BY : M. G. SHAIKH DATE : 05/2021
 CHECKED BY : H. LOCKLEAR DATE : 06/2021

PROJECT NO. I-5746C
MECKLENBURG COUNTY
 BRIDGE NO. 590048



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BENT 4

NO.	REVISIONS			SHEET NO.
	BY:	DATE:	NO.	
1			3	S2-11
2			4	TOTAL SHEETS 274

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED