

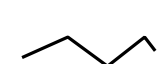
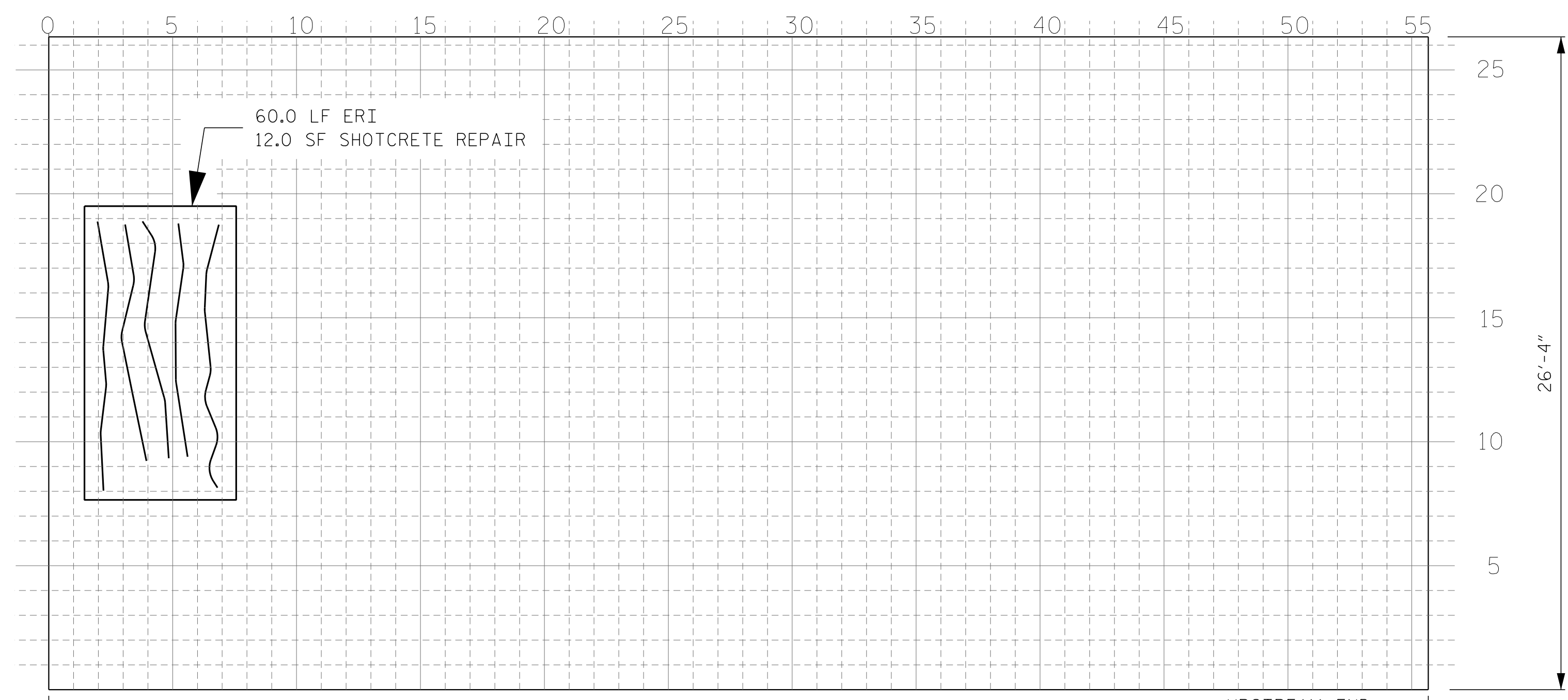


	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BARREL 1	18.0	9.0		
CONCRETE REPAIRS	VOLUME CU. FT.		VOLUME CU. FT.	
BARREL 1	9.5			
EPOXY RESIN INJECTION	LIN. FT.		LIN. FT.	
BARREL 1	100.0			

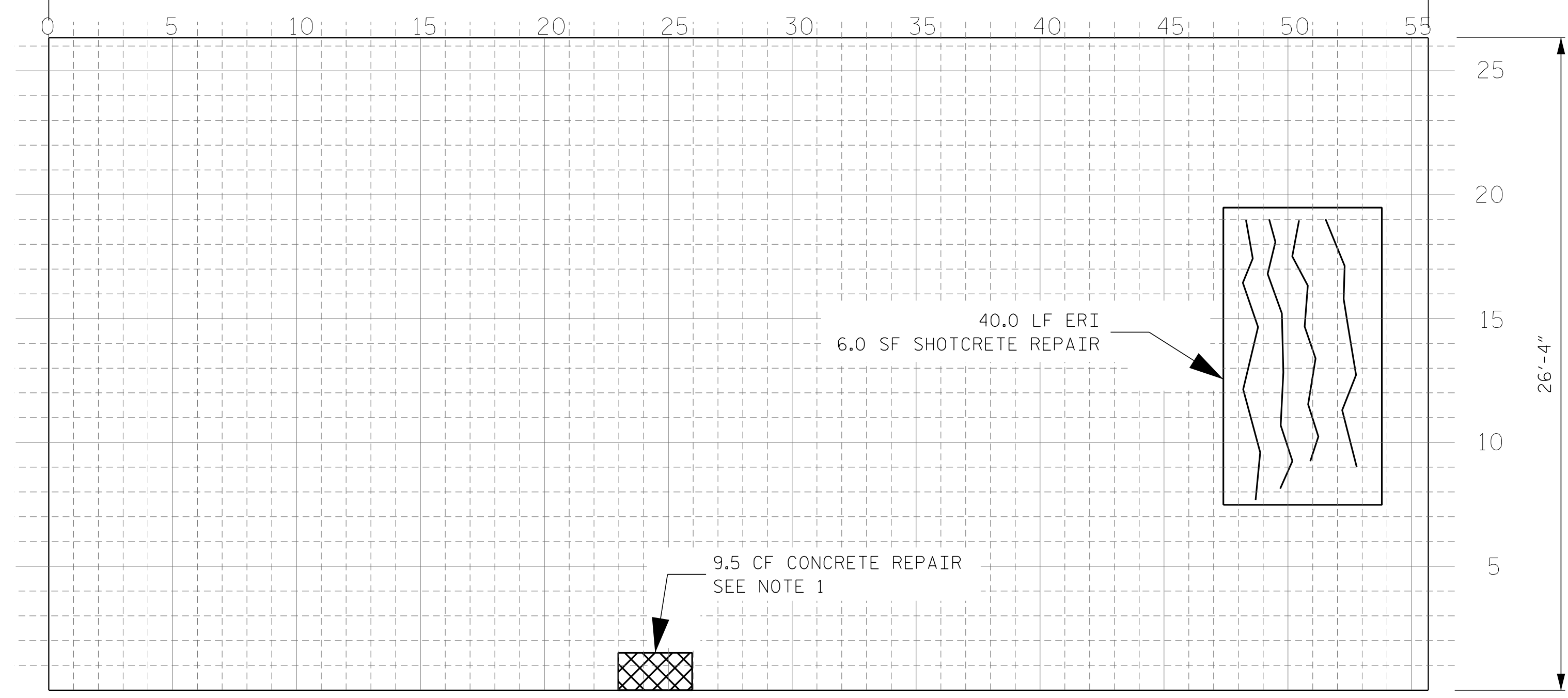
NOTES

- TOTAL OF 6 SPALLS IN FACE OF FOOTING
- VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEARANCE TO SAWCUT. FOR REPAIR DETAILS, SEE "TYPICAL REPAIR DETAILS" SHEET.
- REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE BASED ON 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 ENTER THE ACTUAL QUANTITIES INTO THE AS-BUILT REPAIR QUANTITY TABLE.
- CONCRETE REPAIRS MAY BE SUBSTITUTED IN LIEU OF SHOTCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.
- SEE SHEET S-22 FOR CONCRETE REPAIR DETAILS.

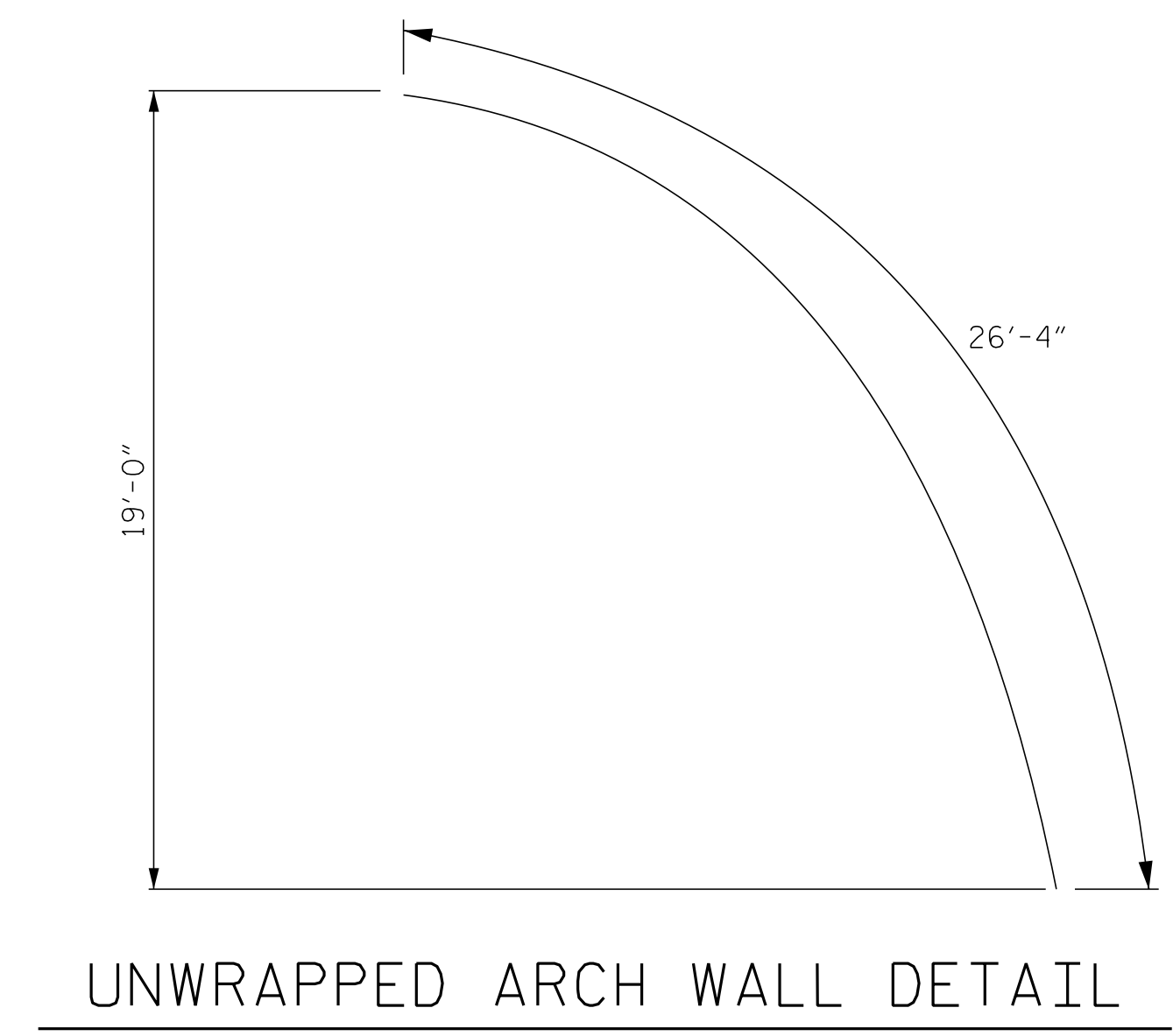
-  = SHOTCRETE REPAIR AREA
-  = CONCRETE REPAIR AREA
-  = EPOXY RESIN INJECTION (ERI)



BARREL 1 EAST WALL



BARREL 1 WEST WALL



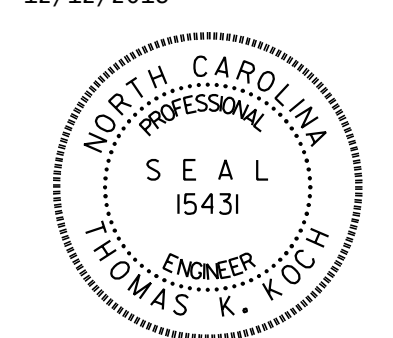
UNWRAPPED ARCH WALL DETAIL

P:\2018\18153.22_15BPR.32_MCDOT_Culvert_Preservation\DWG\AVERY_050002\Avery 2_CULVERT_PLA.dgn
 12/12/2018 1:54:57 PM


DRAWN BY : A. KLINK DATE : 07/18
 CHECKED BY : T. KOCH DATE : 08/18

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

ENGINEER OF RECORD
12/12/2018



Developed by
Thomas K. Koch



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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BARREL 1 WALLS

PROJECT NO. 15BPR.32
AVERY COUNTY
 STRUCTURE: 050002
 SHEET 3 OF 6

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			TOTAL SHEETS
2			4			23