

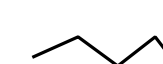
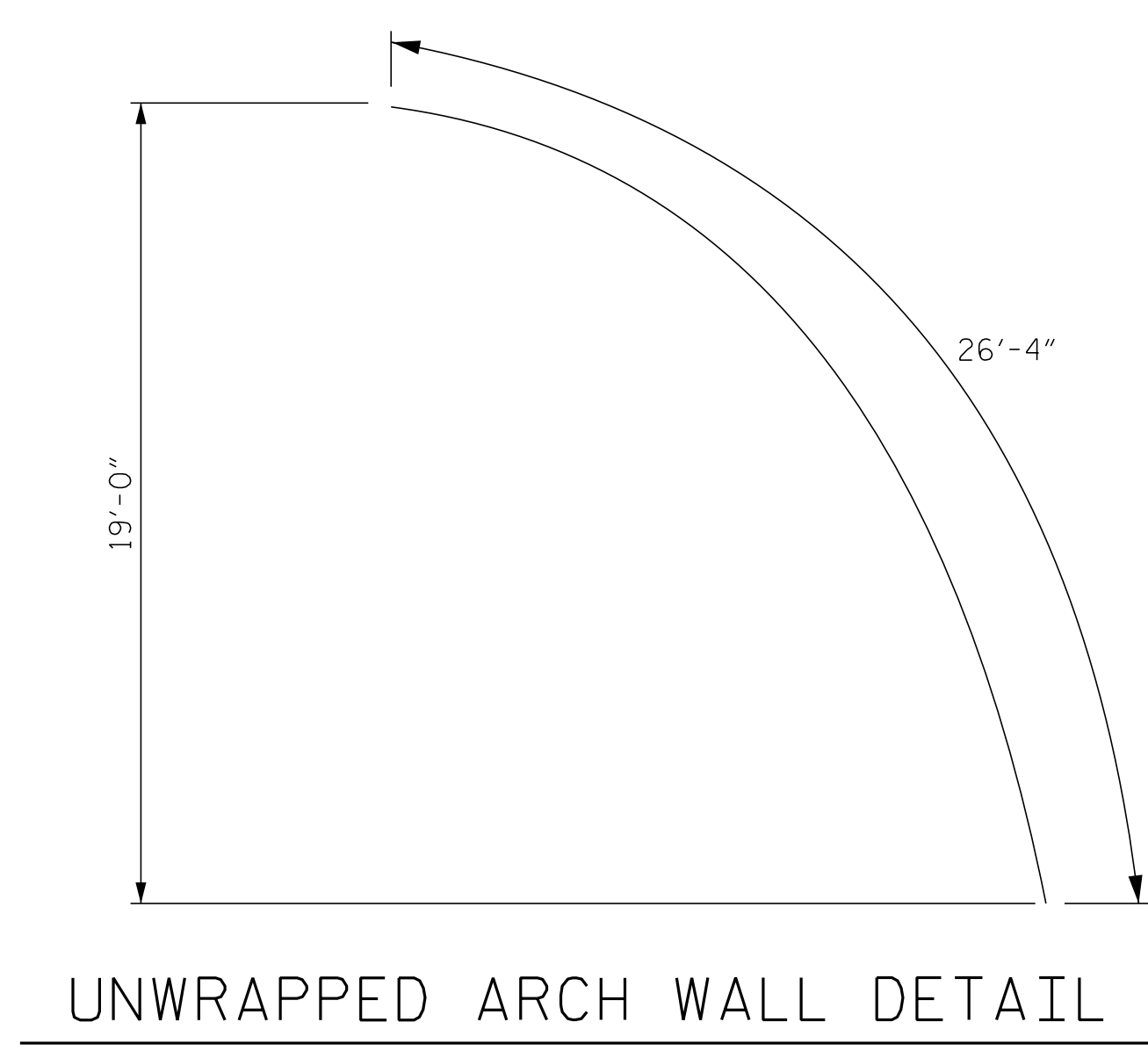
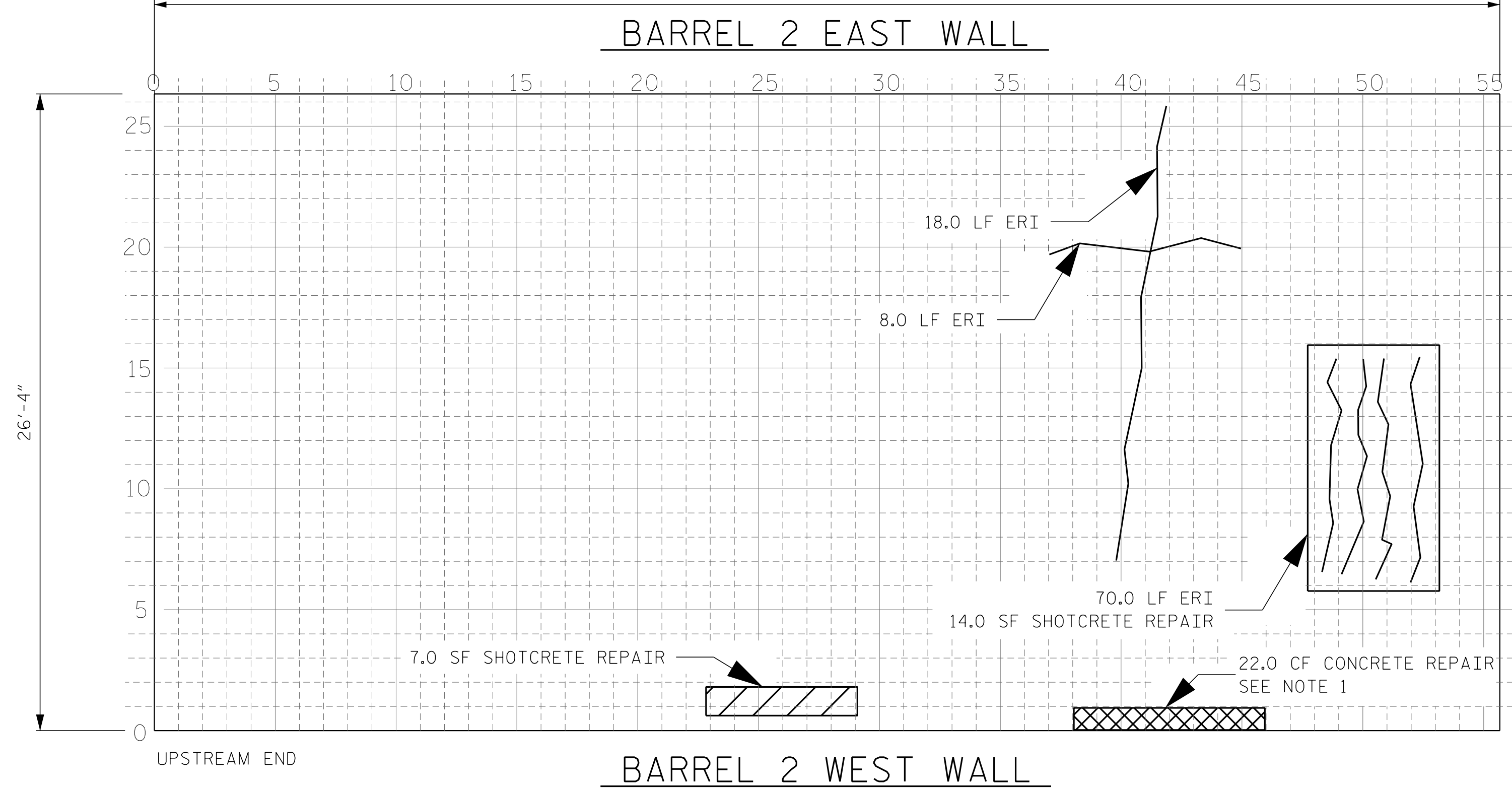
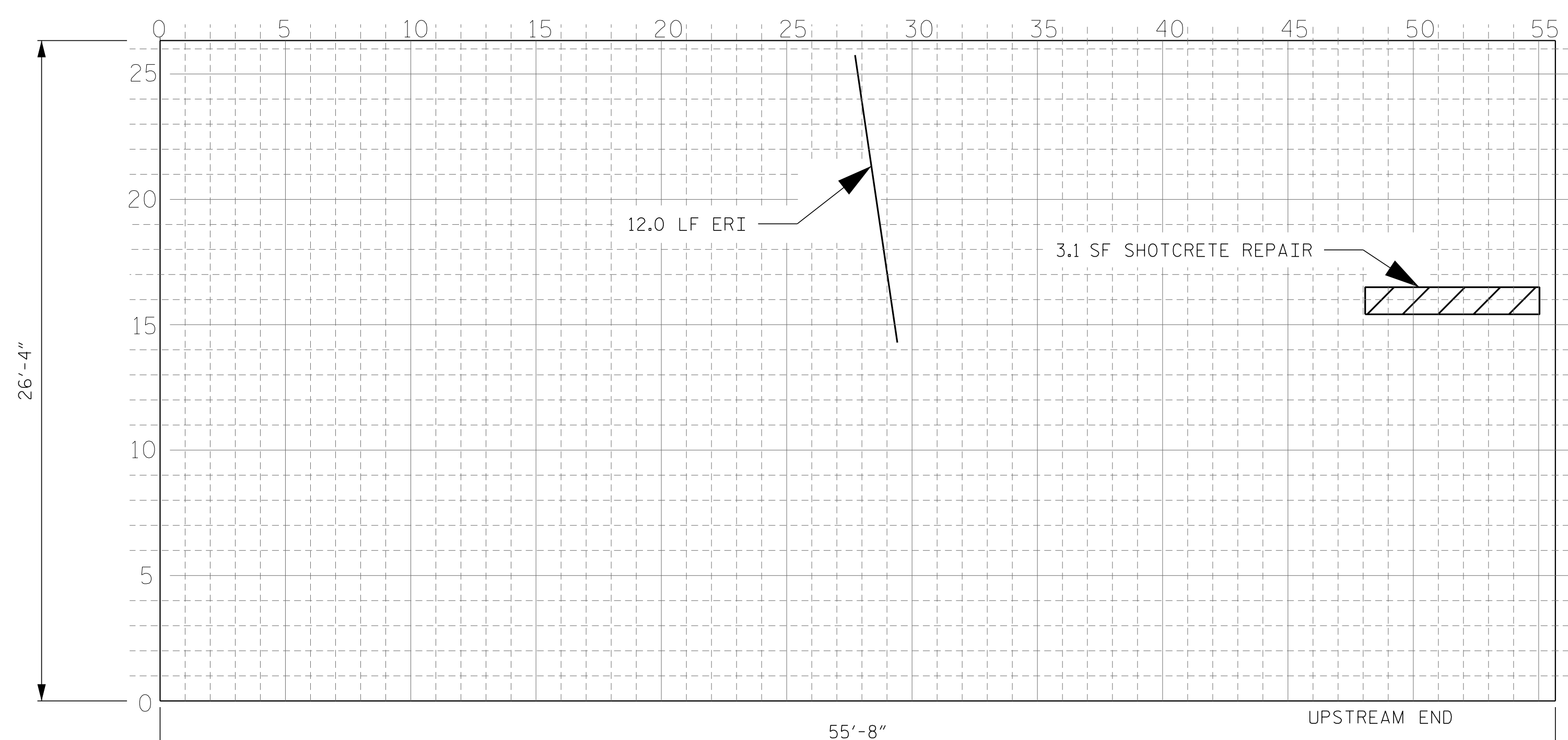


	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BARREL 2	24.1	12.1		
CONCRETE REPAIRS	VOLUME CU. FT.		VOLUME CU. FT.	
BARREL 2	22.0			
EPOXY RESIN INJECTION	LIN. FT.		LIN. FT.	
BARREL 2	108.0			

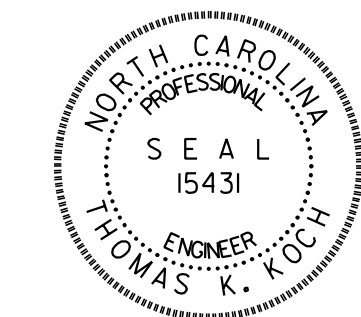
**NOTES**

1. ALONG FACE OF FOOTING
2. 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.
3. 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.
4. CONCRETE REPAIRS MAY BE SUBSTITUTED IN LIEU OF SHOTCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.
5. SEE SHEET S-22 FOR CONCRETE REPAIR DETAILS.

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



PROJECT NO. 15BPR.32  
AVERY COUNTY  
 STRUCTURE: 050002  
 SHEET 4 OF 6

ENGINEER OF RECORD  
 12/12/2018  
  
 ENGINEER  
 THOMAS K. KOCH  
 1223 Jones Franklin Rd.  
 Raleigh, N.C. 27606  
 Bus: 919 851 8077  
 Fax: 919 851 8107  
 LICENSE NO. F-0377

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**BARREL 2 WALLS**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-5
1			3			TOTAL SHEETS
2			4			23

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

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

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 12/12/2018 1:56:57 PM