

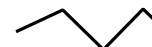


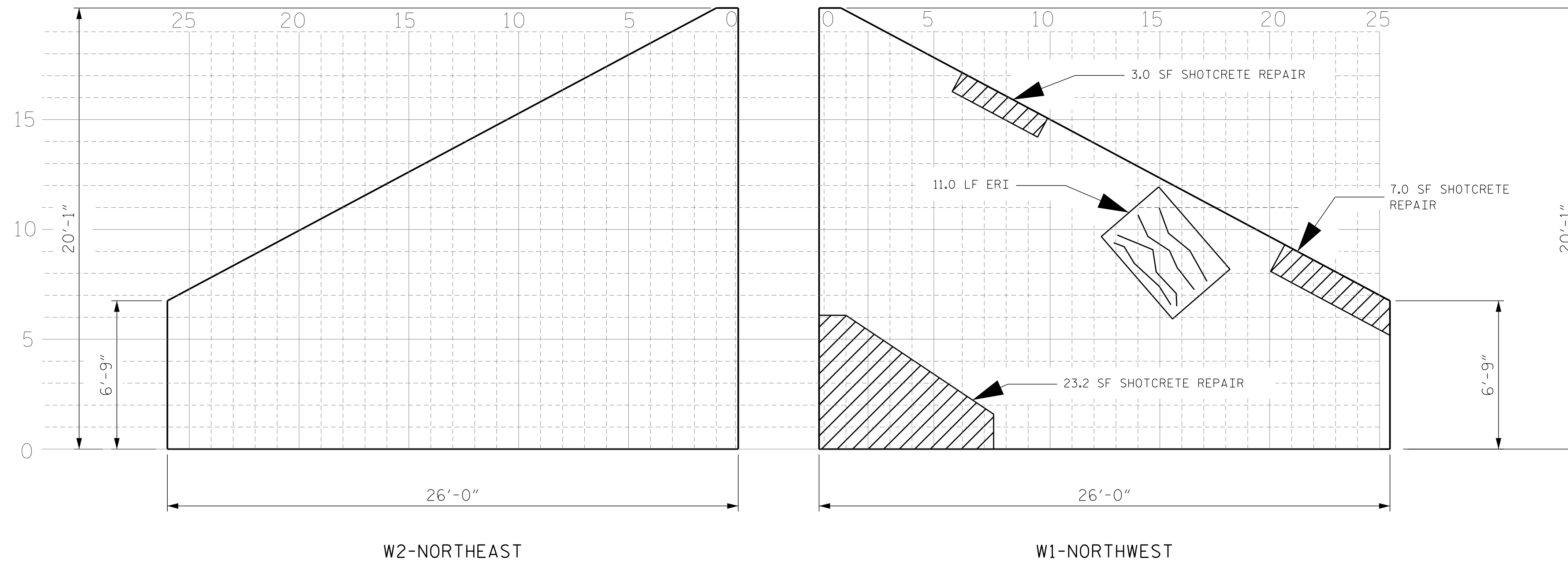
AS-BUILT REPAIR QUANTITY TABLE

	QUANTITIES			
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
SHOTCRETE REPAIRS				
DOWNSTREAM FACE	33.2	16.6		
CONCRETE REPAIRS				
DOWNSTREAM FACE	0.0			
EPOXY RESIN INJECTION				
DOWNSTREAM FACE	11.0			

NOTES

- NO DAMAGE WAS FOUND ON WINGWALL W2 DURING STRUCTURAL INSPECTION.
- 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)



DOWNSTREAM WINGS

PROJECT NO. 15BPR.32

WATAUGA COUNTY

STRUCTURE: 940066

SHEET 6 OF 7

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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



Thomas K. Koch
ENGINEER



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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DOWNSTREAM WING FACES

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-21
1			3			TOTAL SHEETS
2			4			23