

AS-BUILT REPAIR QUANTITY TABLE

BENT 251

CAP REPAIRS			
SHOTCRETE REPAIRS	28.3 SF	14.2 CF	
EPOXY RESIN INJECTION	- LF		
PILE REPAIRS			
PILE CONCRETE RESTORATION	21.8 SF	9.1 CF	
FRP PROTECTIVE SYSTEM AWL	159.5 SF		
FRP PROTECTIVE SYSTEM BWL	66.0 SF		

BENT 252

CAP REPAIRS			
SHOTCRETE REPAIRS	5.1 SF	2.6 CF	
EPOXY RESIN INJECTION	- LF		
PILE REPAIRS			
PILE CONCRETE RESTORATION	8.8 SF	3.7 CF	
FRP PROTECTIVE SYSTEM AWL	214.5 CF		
FRP PROTECTIVE SYSTEM BWL	99.0 SF		

FOR CAP REPAIRS: VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 2" CL. 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 CONTRACTOR SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

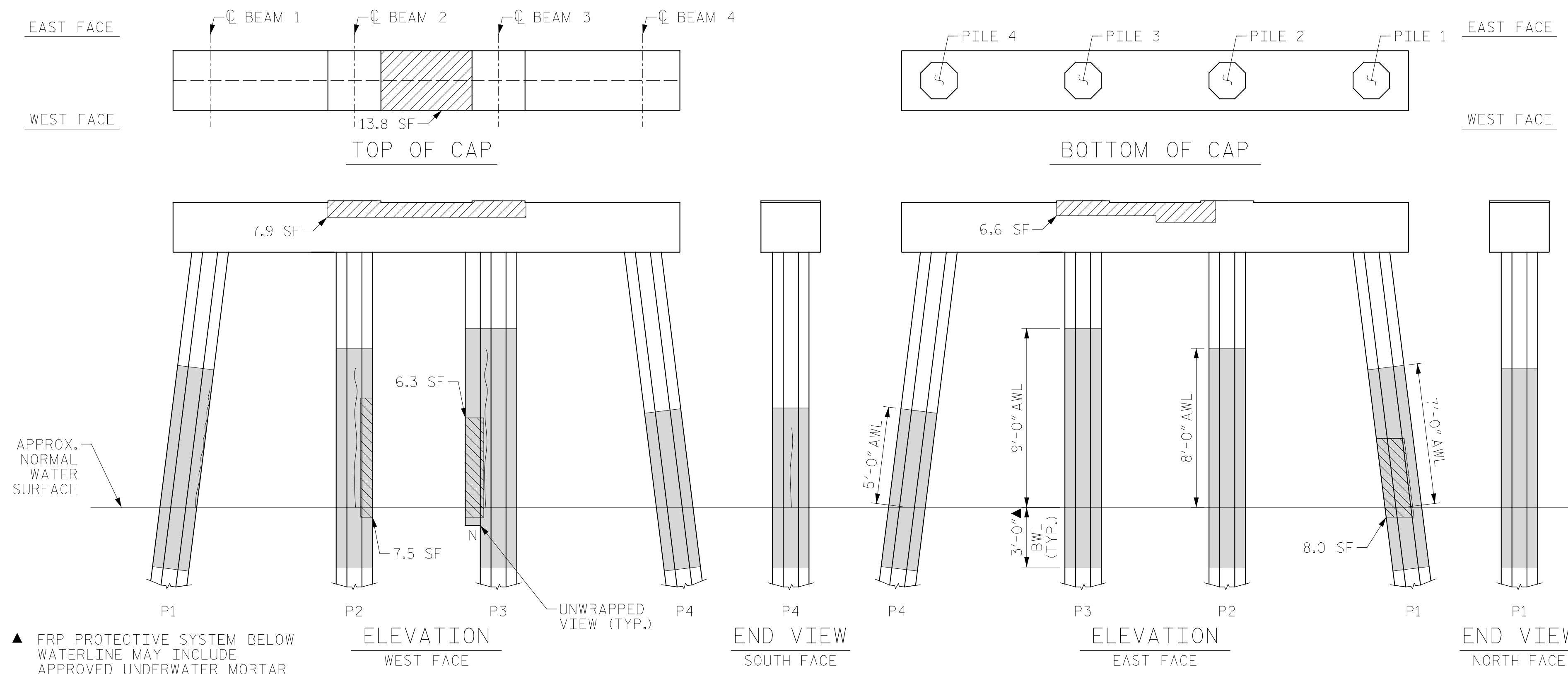
FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR CONCRETE REPAIR DETAILS, SEE "TYPICAL CAP, COLUMN & UNDERDECK REPAIR DETAILS" & "PILE CONCRETE RESTORATION DETAILS" SHEETS.

FOR PILE CONCRETE RESTORATION, SEE SPECIAL PROVISIONS.

FOR FRP PROTECTIVE SYSTEM, SEE SPECIAL PROVISIONS.

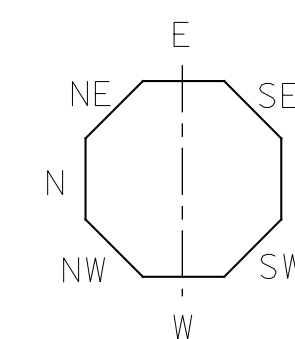
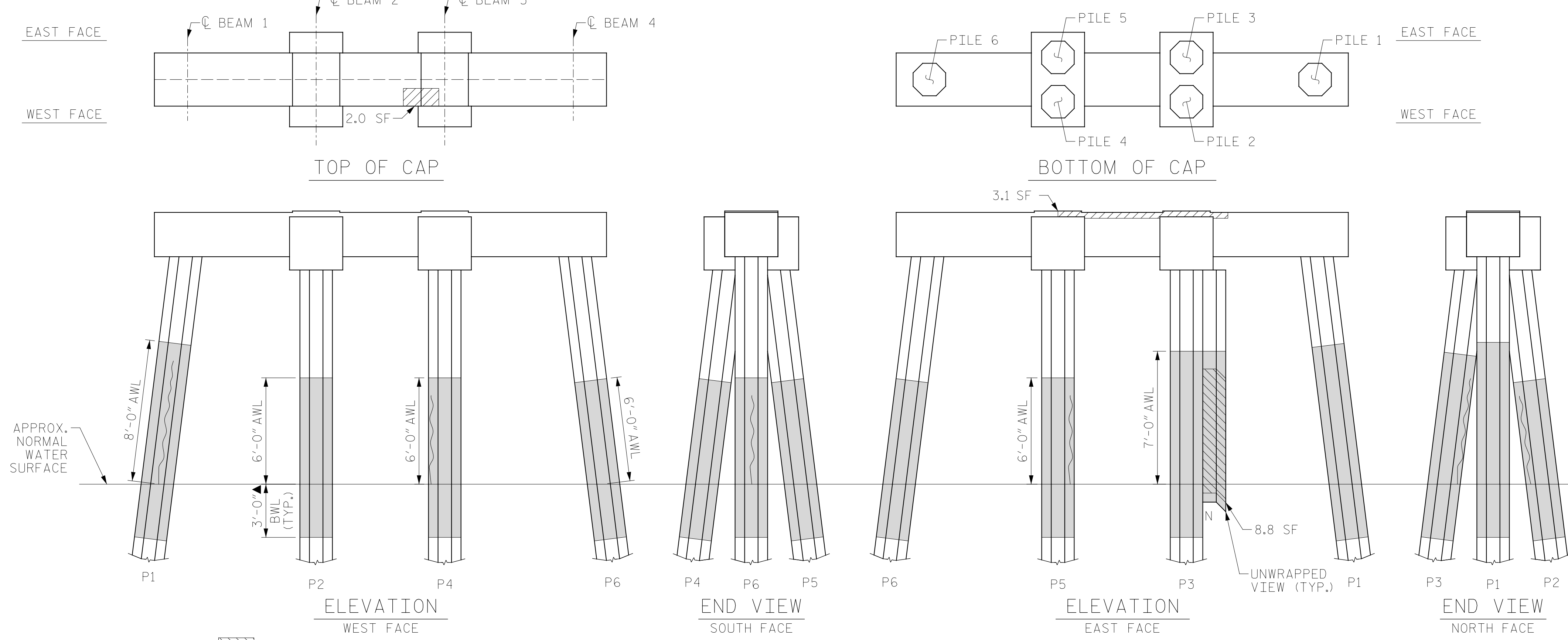
FOR FRP PROTECTIVE SYSTEM DETAILS AND UNDERWATER MORTAR REPAIRS, SEE "PILE FRP PROTECTIVE SYSTEM DETAILS" SHEET.



▲ FRP PROTECTIVE SYSTEM BELOW WATERLINE MAY INCLUDE APPROVED UNDERWATER MORTAR REPAIRS

BENT 251

(AWL = ABOVE WATERLINE) (BWL = BELOW WATERLINE)  
 (\*\* QUANTITY INCLUDES ADJACENT REPAIRS)

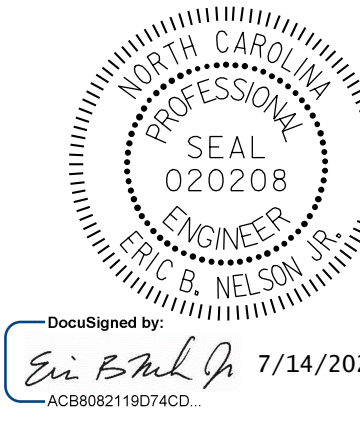


ESTIMATED PILE CRACK QTY. TABLE

BENT	PILE	DIRECTION							
		NW	W	SW	S	SE	E	NE	N
BENT 251	PILE 1	3	4	4	6	-	2	-	2
	PILE 2	3	7	-	5	4	-	-	-
	PILE 3	8	-	-	-	4	7	8	-
	PILE 4	3	4	4	4	4	-	-	-
BENT 252	PILE 1	3	7	7	7	7	-	-	-
	PILE 2	-	-	3	-	5	-	5	-
	PILE 3	-	6	6	-	-	-	-	-
	PILE 4	5	-	5	-	-	-	5	-
	PILE 5	5	-	4	-	-	4	5	-
	PILE 6	-	-	-	5	4	-	-	4

NOTE: FOR INFORMATION ON PILE CONDITION ONLY.

PROJECT NO. HB-0017  
 DARE COUNTY  
 BRIDGE NO. 270009



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

BENT 251 & BENT 252

ERI - EPOXY RESIN INJECTION  
 - PILE CONCRETE RESTORATION  
 - FRP PROTECTIVE SYSTEM  
 - SHOTCRETE REPAIRS

BENT 252

(AWL = ABOVE WATERLINE)  
 (BWL = BELOW WATERLINE)  
 (\*\* QUANTITY INCLUDES ADJACENT REPAIRS)

DRAWN BY: T. HARTLEY DATE: 2/2019  
 CHECKED BY: J. FARNHAM DATE: 4/2019



REVISIONS						SHEET NO. S-295
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 355
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED