

AS-BUILT REPAIR QUANTITY TABLE

BENT 165

CAP REPAIRS			
SHOTCRETE REPAIRS	2.3 SF	1.2 CF	SF CF
EPOXY RESIN INJECTION	- LF		LF
PILE REPAIRS			
PILE CONCRETE RESTORATION	19.5 SF	8.5 CF	SF CF
FRP PROTECTIVE SYSTEM AWL	103.7 SF		
FRP PROTECTIVE SYSTEM BWL	36.6 SF		

BENT 166

CAP REPAIRS			
SHOTCRETE REPAIRS	3.8 SF	1.9 CF	SF CF
EPOXY RESIN INJECTION	- LF		LF
PILE REPAIRS			
PILE CONCRETE RESTORATION	71.5 SF	28.1 CF	SF CF
FRP PROTECTIVE SYSTEM AWL	243.0 SF		
FRP PROTECTIVE SYSTEM BWL	73.2 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.

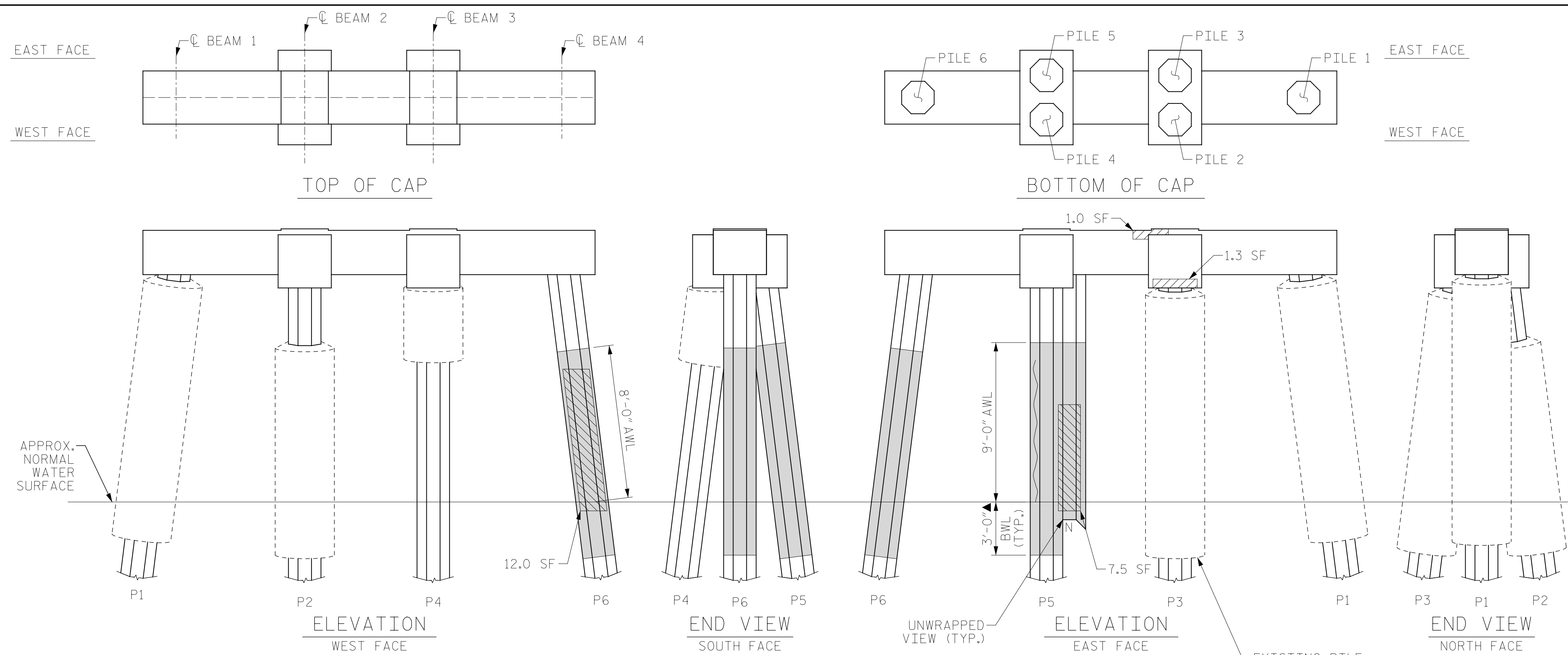
FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

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

FOR PILE CONCRETE RESTORATION, SEE SPECIAL PROVISIONS.

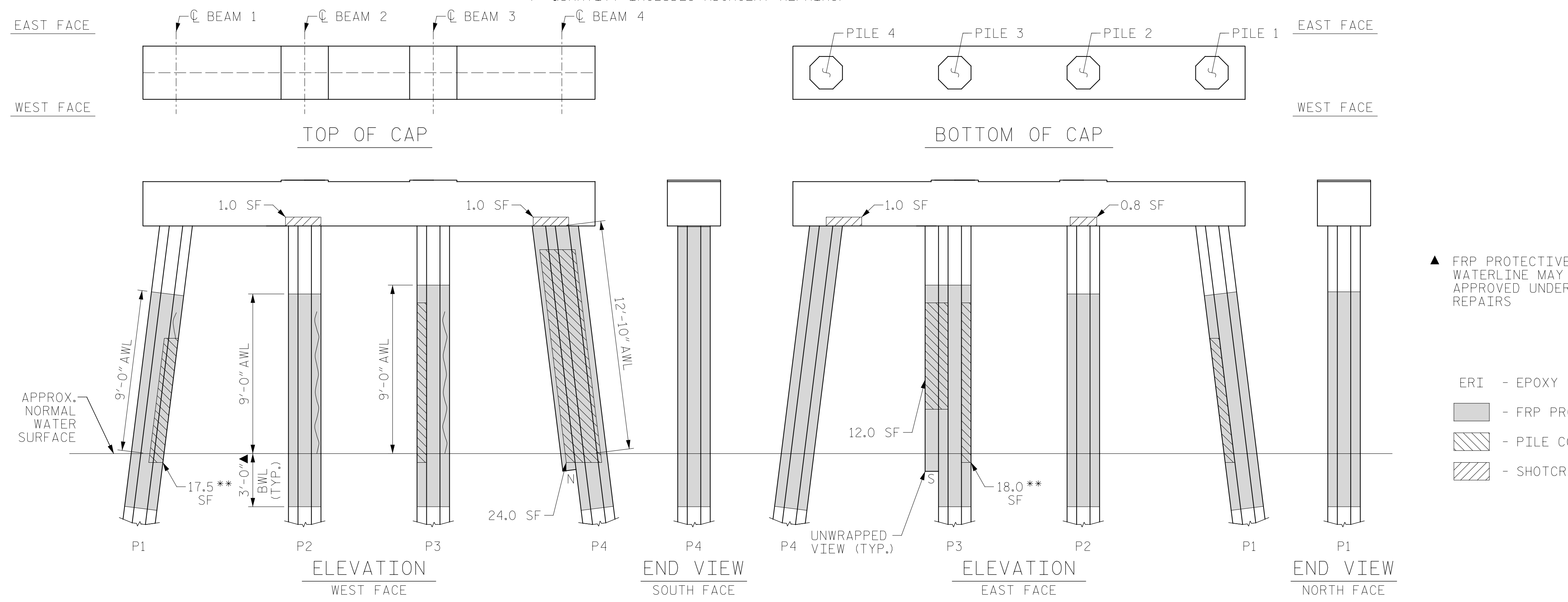
FOR FRP PROTECTIVE SYSTEM, SEE SPECIAL PROVISIONS.

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



BENT 165

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



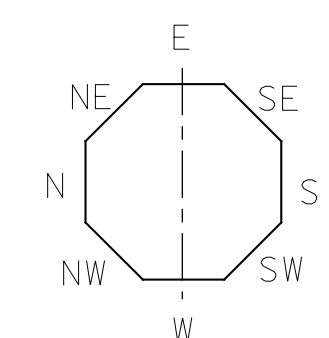
BENT 166

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

ESTIMATED PILE CRACK QTY. TABLE

		DIRECTION							
		NW	W	SW	S	SE	E	NE	N
BENT 165	PILE 1	-	-	-	-	-	-	-	-
	PILE 2	-	-	-	-	-	-	-	-
	PILE 3	-	-	-	-	-	-	-	-
	PILE 4	-	-	-	-	-	-	-	-
BENT 166	PILE 1	4	6	2	-	2	-	6	-
	PILE 2	-	6	8	7	-	7	7	-
	PILE 3	-	-	8	-	3	2	-	-
	PILE 4	-	-	6	2	4	-	4	6

NOTE: FOR INFORMATION ON PILE CONDITION ONLY.



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

- ERI - EPOXY RESIN INJECTION
- [Hatched Box] - FRP PROTECTIVE SYSTEM
- [Diagonal Lines Box] - PILE CONCRETE RESTORATION
- [Cross-hatched Box] - SHOTCRETE REPAIRS



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

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

BENT 165 & BENT 166

REVISIONS						SHEET NO. S-252
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 355
2			4			

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



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED