

AS-BUILT REPAIR QUANTITY TABLE

BENT 159

CAP REPAIRS			
SHOTCRETE REPAIRS	5.6 SF	2.5 CF	SF CF
EPOXY RESIN INJECTION	- LF		LF
PILE REPAIRS			
PILE CONCRETE RESTORATION	49.1 SF	18.8 CF	SF CF
FRP PROTECTIVE SYSTEM AWL	122.0 SF		
FRP PROTECTIVE SYSTEM BWL	36.6 SF		

BENT 160

CAP REPAIRS			
SHOTCRETE REPAIRS	- SF	- CF	SF CF
EPOXY RESIN INJECTION	- LF		LF
PILE REPAIRS			
PILE CONCRETE RESTORATION	39.8 SF	15.9 CF	SF CF
FRP PROTECTIVE SYSTEM AWL	122.0 SF		
FRP PROTECTIVE SYSTEM BWL	36.6 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.

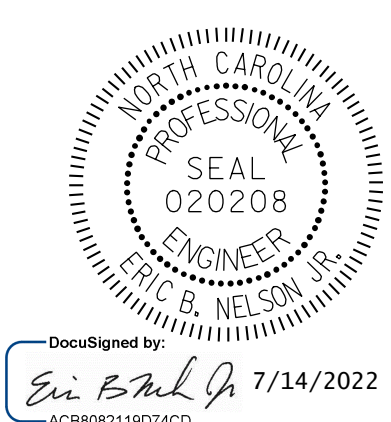
FOR FRP PROTECTIVE SYSTEM DETAILS AND UNDERWATER MORTAR REPAIRS, SEE "PILE FRP PROTECTIVE SYSTEM DETAILS" SHEET.

ESTIMATED PILE CRACK QTY. TABLE

BENT	PILE	DIRECTION							
		NW	W	SW	S	SE	E	NE	N
159	PILE 1	3	-	1	-	2	7	4	5
	PILE 2	1	5	2	3	-	2	2	-
	PILE 3	-	-	-	-	-	-	-	-
	PILE 4	-	-	-	-	-	-	-	-
	PILE 6	-	-	-	-	-	-	-	-
160	PILE 1	2	3	3	5	1	5	4	4
	PILE 2	-	-	-	-	-	-	-	-
	PILE 3	-	-	-	-	-	-	-	-
	PILE 4	2	2	2	-	13	6	-	-

NOTE: FOR INFORMATION ON PILE CONDITION ONLY.

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

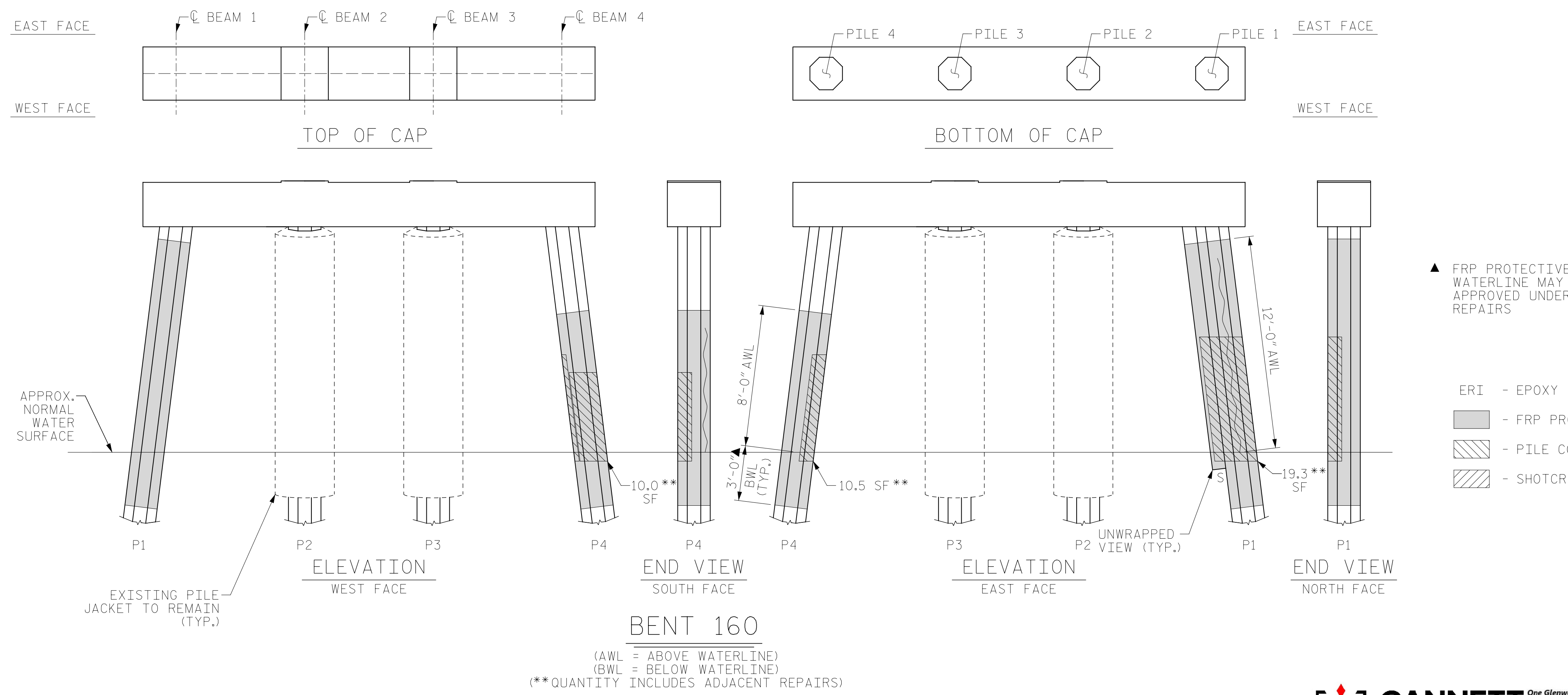
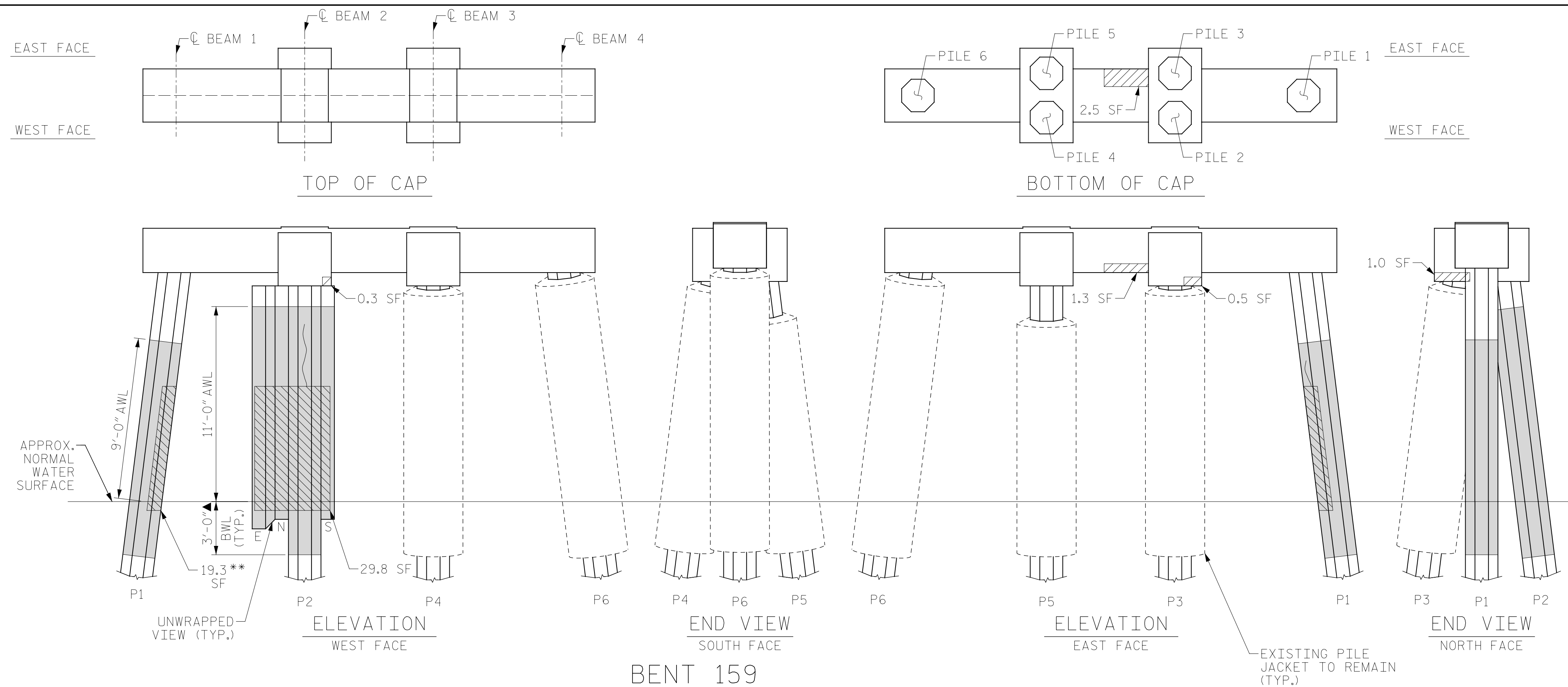


DocuSigned by:  
 Eric B. Nelson, Jr.  
 7/14/2022

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

BENT 159 & BENT 160

REVISIONS						SHEET NO. S-249
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 355
2			4			



▲ 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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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