

AS-BUILT REPAIR QUANTITY TABLE

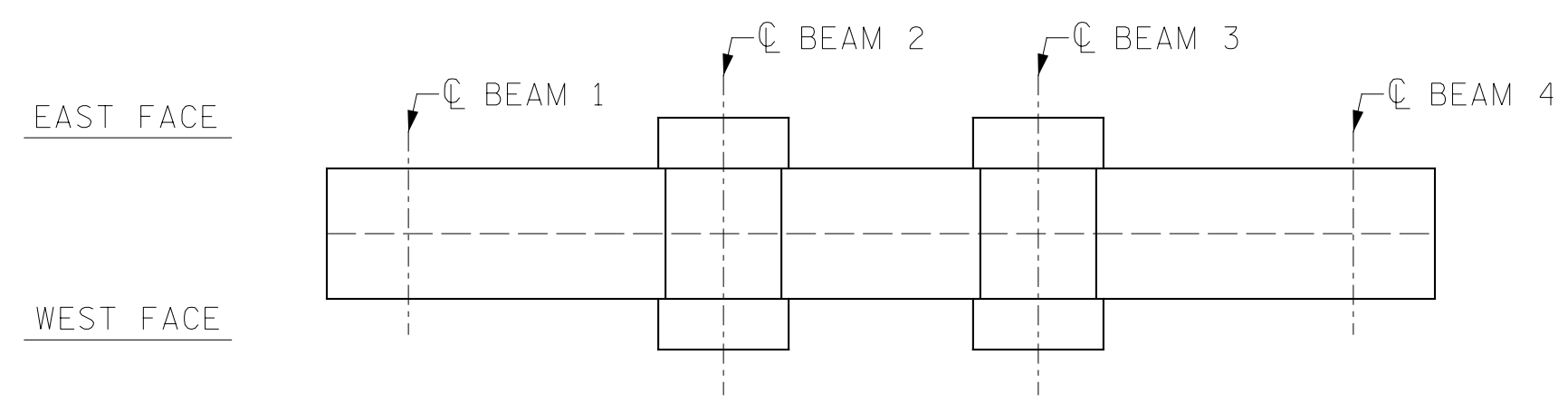
BENT 117

CAP/FOOTING REPAIRS			
SHOTCRETE REPAIRS	262.1 SF	131.1 CF	SF CF
EPOXY RESIN INJECTION	3.0 LF		LF
PILE REPAIRS			
PILE CONCRETE RESTORATION	43.8 SF	20.6 CF	SF CF
FRP PROTECTIVE SYSTEM AWL	107.3 SF		
FRP PROTECTIVE SYSTEM BWL	273.0 SF		

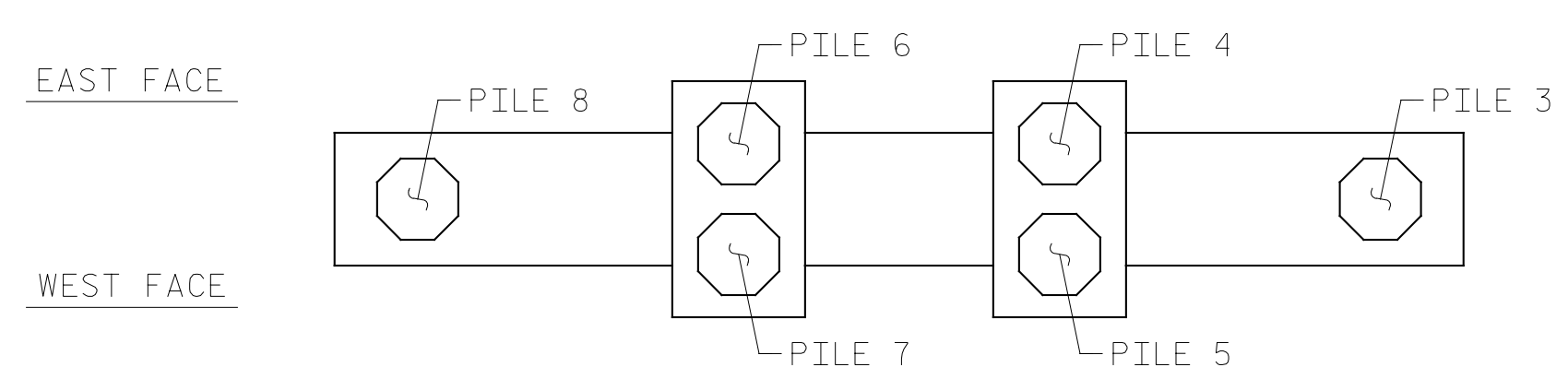
FOR CAP REPAIRS: VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 2" CL TO SAWCUT. SEE REPAIR DETAILS.

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.

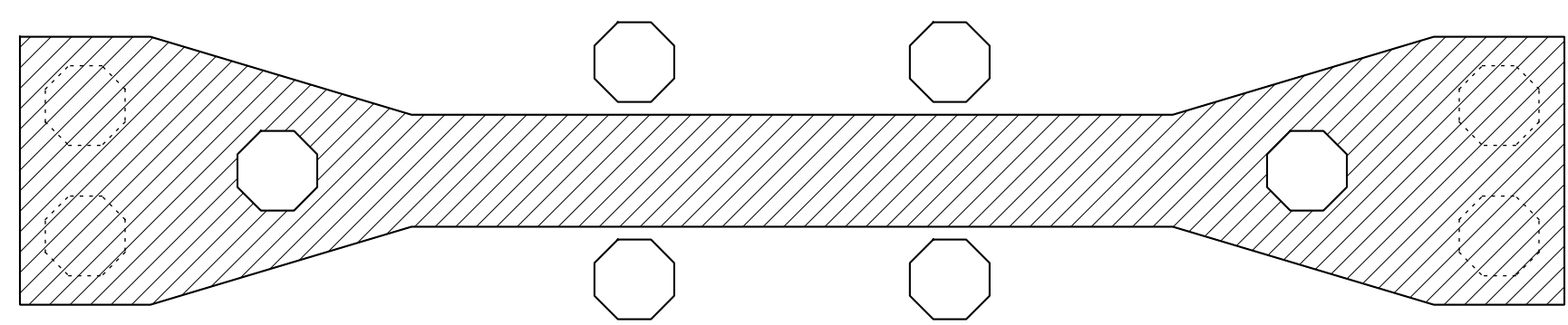
FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.  
FOR CONCRETE REPAIR DETAILS, SEE "TYPICAL CAP, COLUMN & UNDERDECK REPAIR DETAILS" & "PILE CONCRETE RESTORATION DETAILS" SHEETS.  
FOR PILE CONCRETE RESTORATION, SEE SPECIAL PROVISIONS.  
FOR FRP PROTECTIVE SYSTEM, SEE SPECIAL PROVISIONS.  
FOR FRP PROTECTIVE SYSTEM DETAILS AND UNDERWATER MORTAR REPAIRS, SEE "PILE FRP PROTECTIVE SYSTEM DETAILS" SHEET.



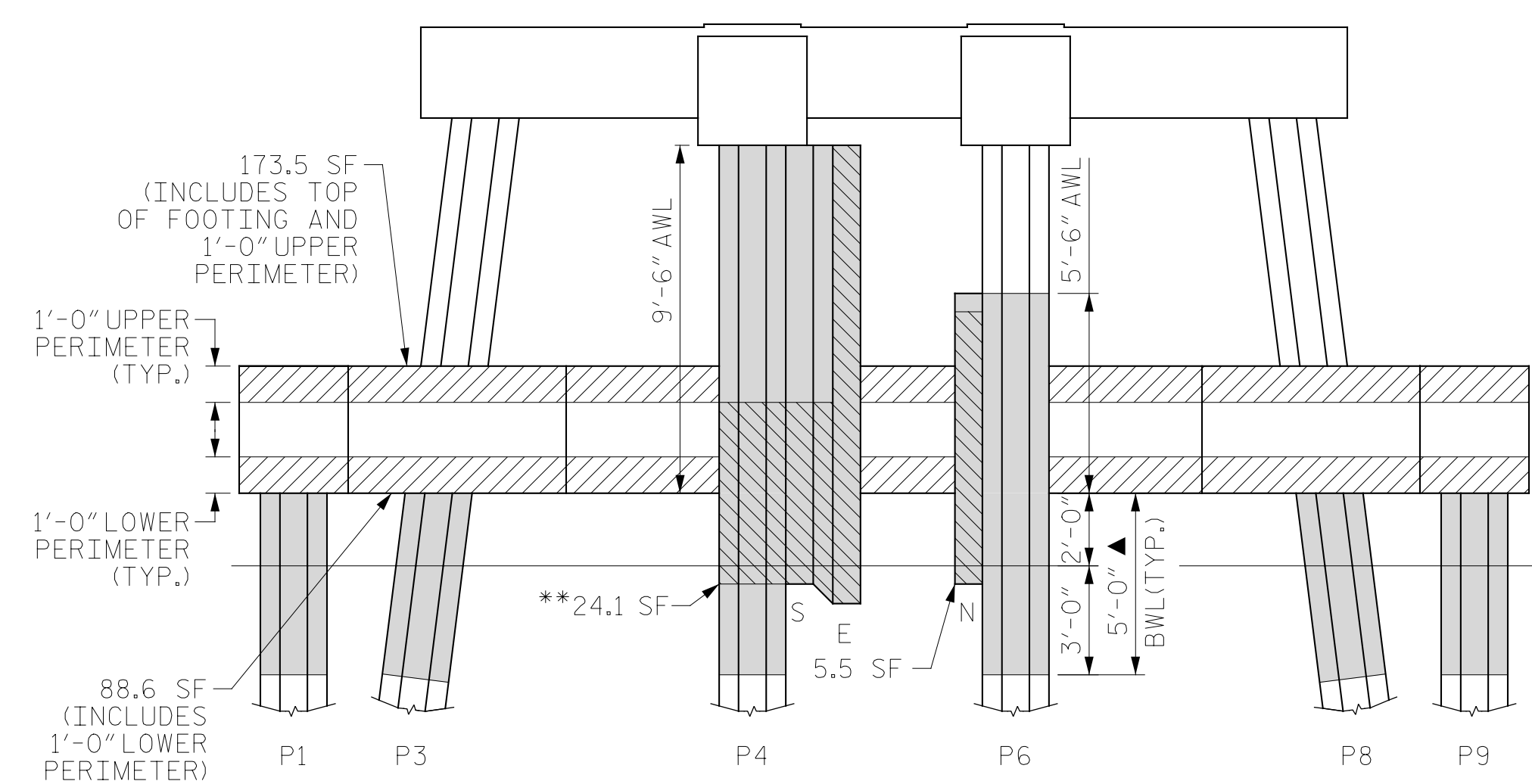
TOP OF CAP



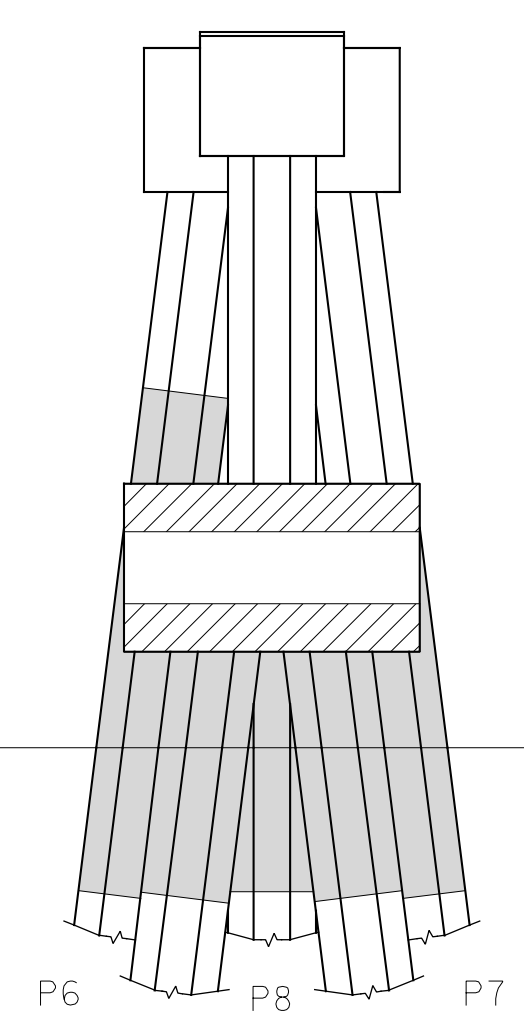
BOTTOM OF CAP



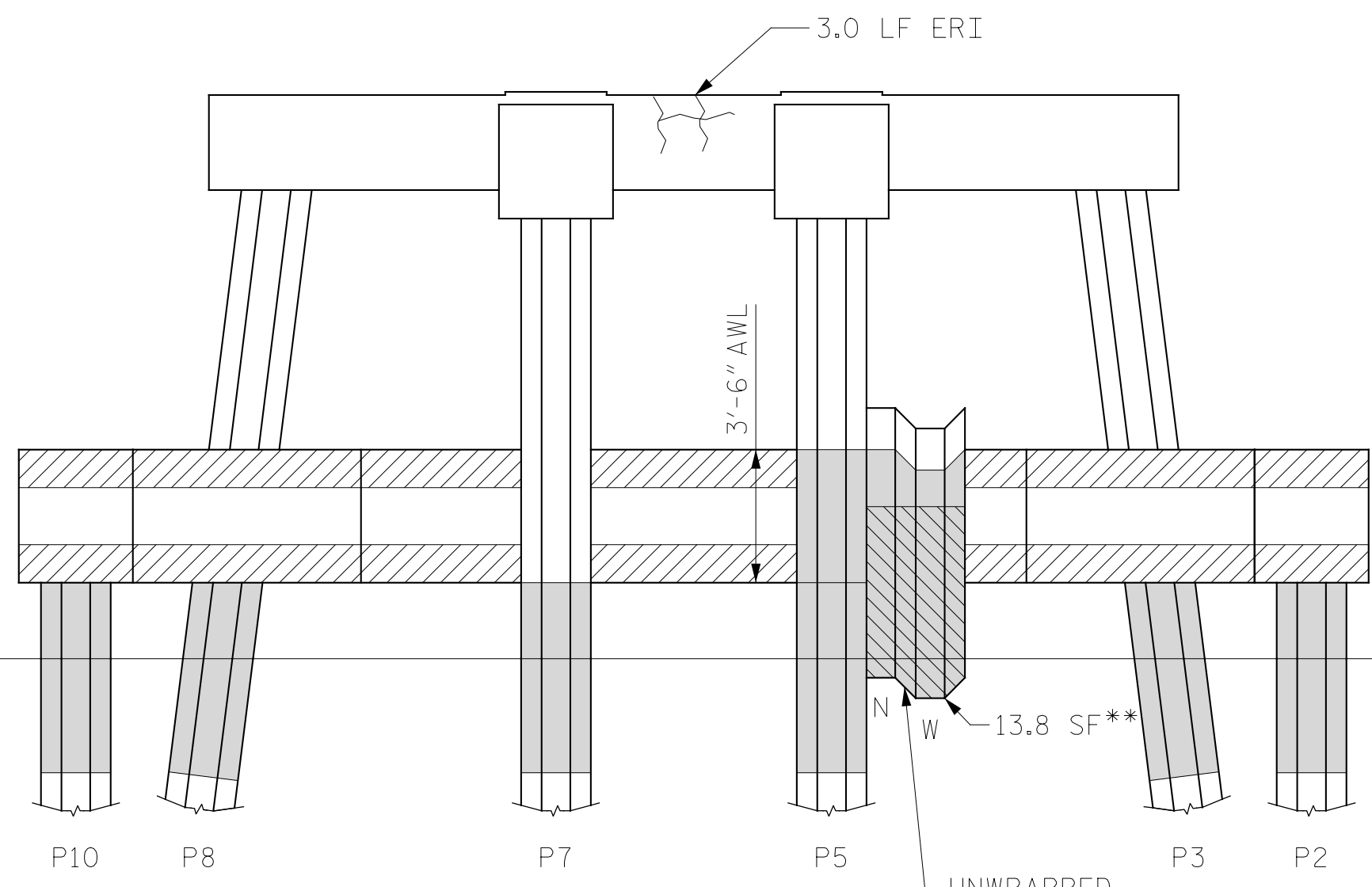
TOP OF FOOTING



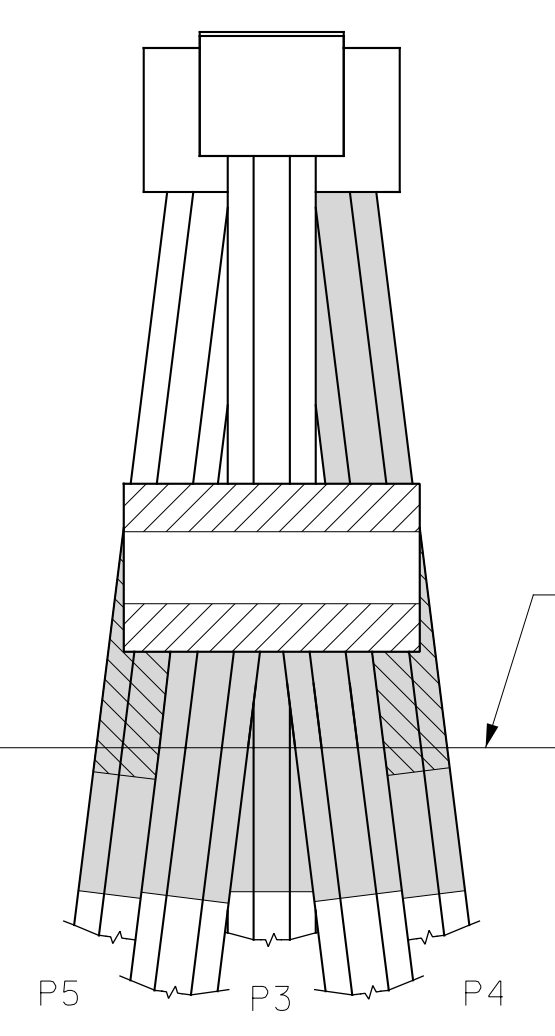
ELEVATION WEST FACE



END VIEW SOUTH FACE



ELEVATION EAST FACE



END VIEW NORTH FACE

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

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

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

BENT 117

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



DocuSigned by Eric B. Nelson 7/14/2022

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
BENT 117					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

DRAWN BY: T. HARTLEY DATE: 2/2019  
CHECKED BY: J. FARNHAM DATE: 5/2019



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SHEET NO. S-175  
TOTAL SHEETS 355