

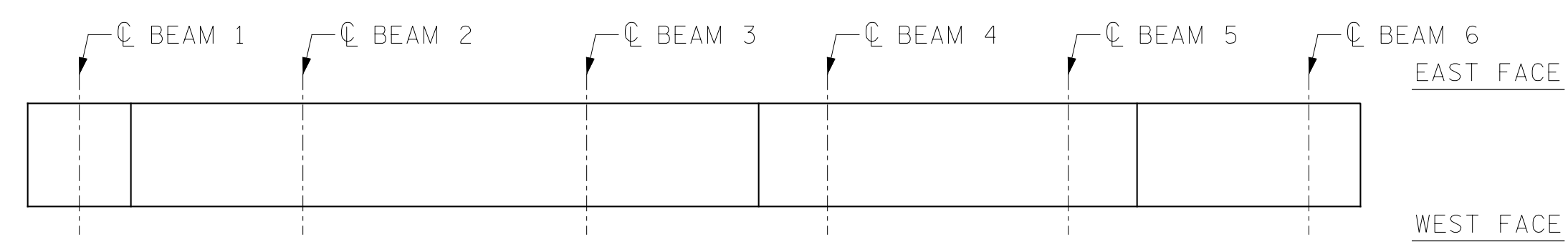
# AS-BUILT REPAIR QUANTITY TABLE BENT 139

CAP REPAIRS		ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	- SF	- CF		SF	CF
EPOXY RESIN INJECTION		- LF			LF
COLUMN REPAIRS		ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	92.6 SF	46.3 SF		SF	CF
EPOXY RESIN INJECTION		- LF			LF
PILE REPAIRS		ESTIMATE		ACTUAL	
FRP PROTECTIVE SYSTEM AWL	- SF			SF	
FRP PROTECTIVE SYSTEM BWL	544.5 SF				SF

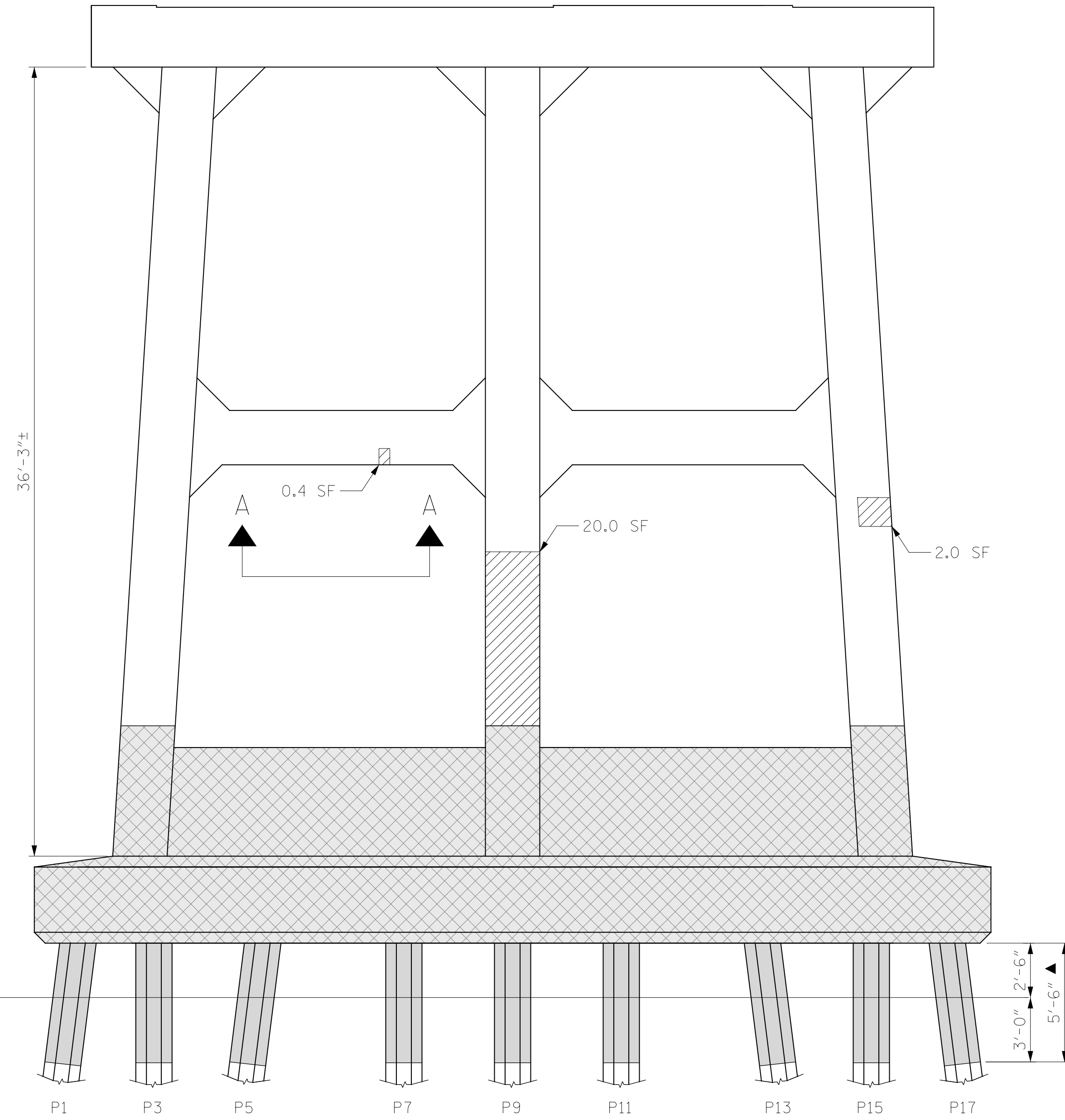
FOR CAP REPAIRS; VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 2" CL TO SAWCUT. SEE REPAIR DETAILS.

**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.

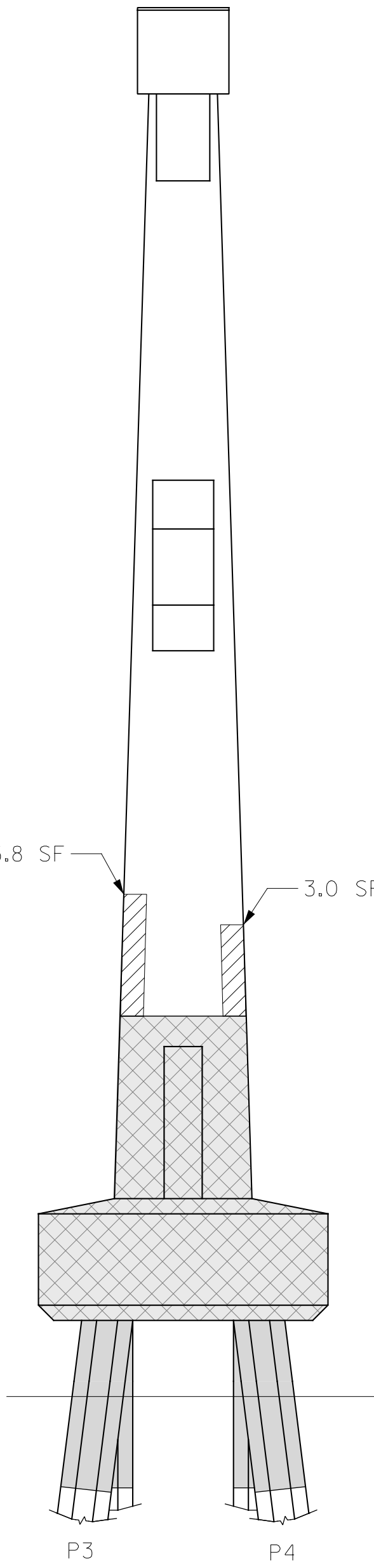
FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.  
FOR CONCRETE REPAIR DETAILS, SEE "TYPICAL CAP, COLUMN & UNDERDECK REPAIR DETAILS" & "PILE CONCRETE RESTORATION DETAILS" SHEETS.  
FOR FOOTING, COLUMN, AND STRUT REPAIR DETAILS, SEE "PILE FOOTING RESTORATION" SHEET.  
FOR PILE CONCRETE RESTORATION, SEE 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.



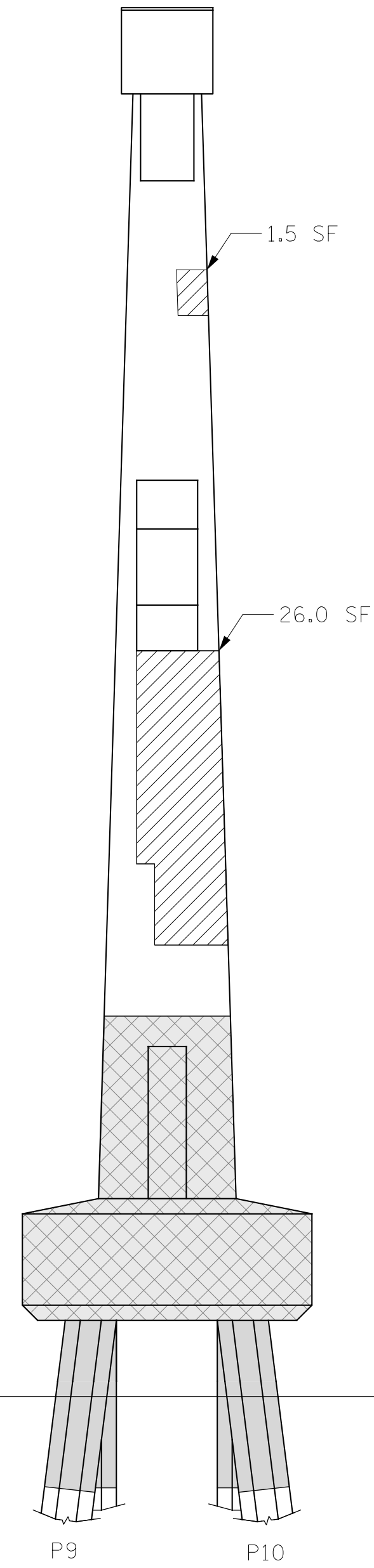
TOP OF CAP



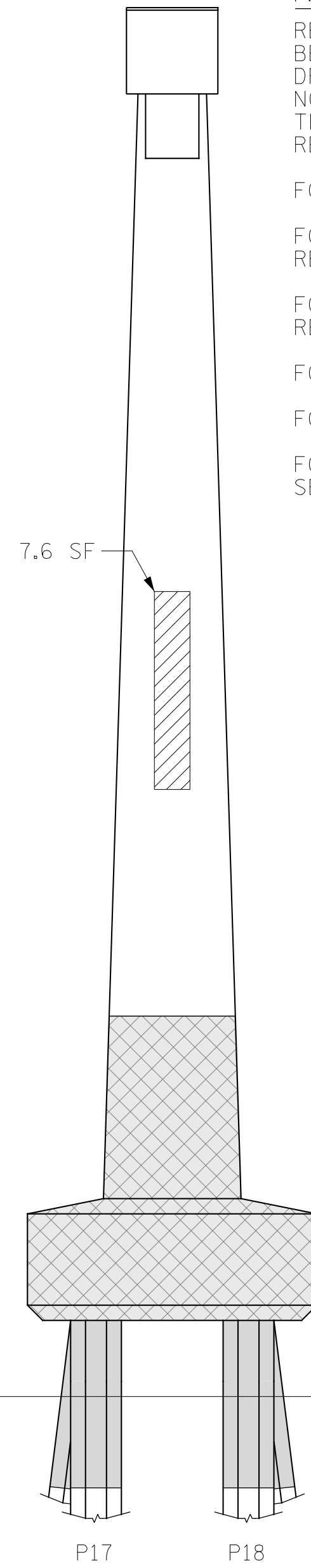
ELEVATION  
WEST FACE



INTERIOR VIEW  
SOUTH FACE COL.1



INTERIOR VIEW  
SOUTH FACE COL.2



END VIEW  
SOUTH FACE COL.3

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



SECTION A-A

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

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



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

## BENT 139 WEST FACE

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

BENT 139  
(AWL = ABOVE WATERLINE)  
(BWL = BELOW WATERLINE)



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-215
1			3			TOTAL SHEETS
2			4			355