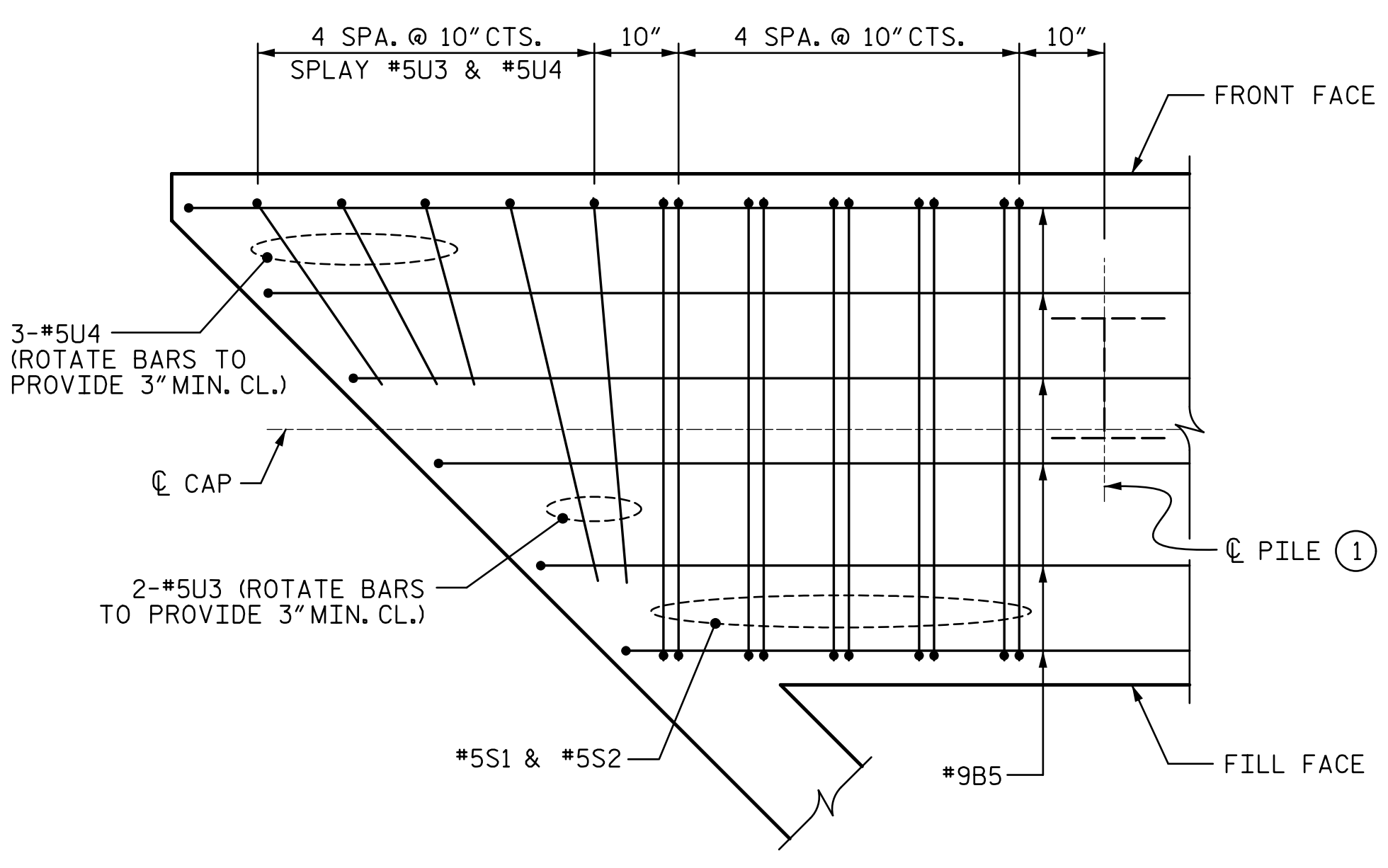
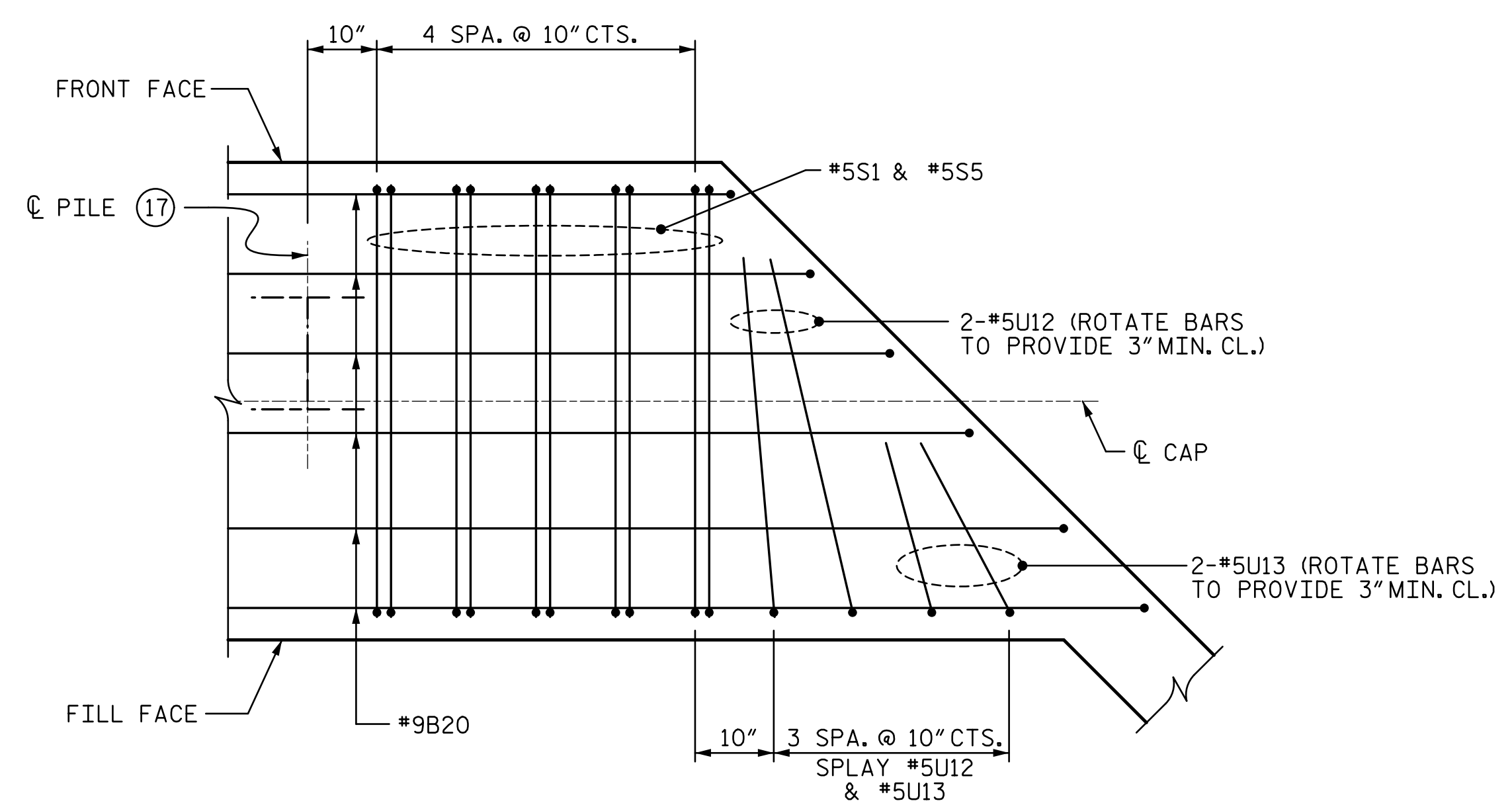


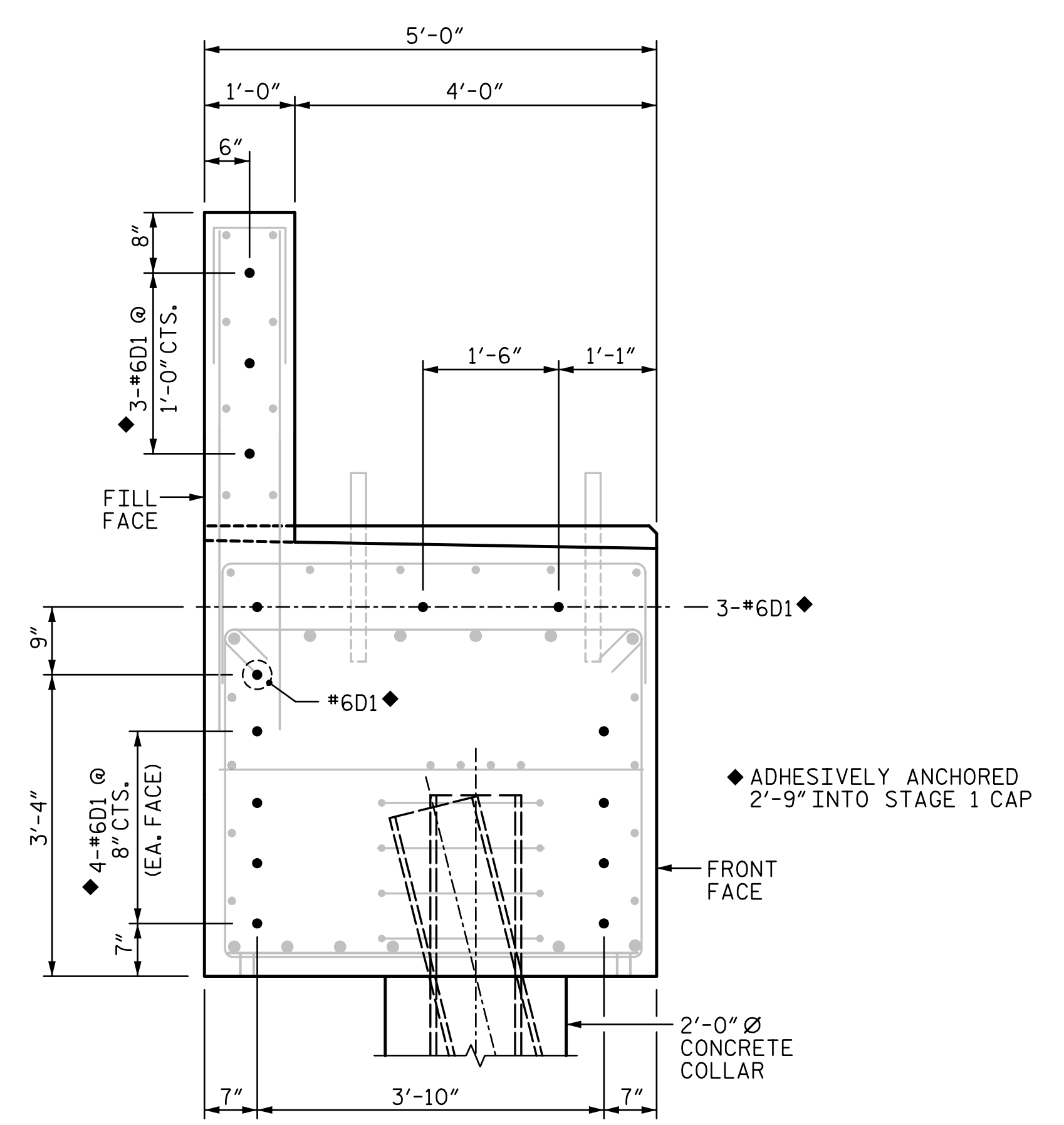
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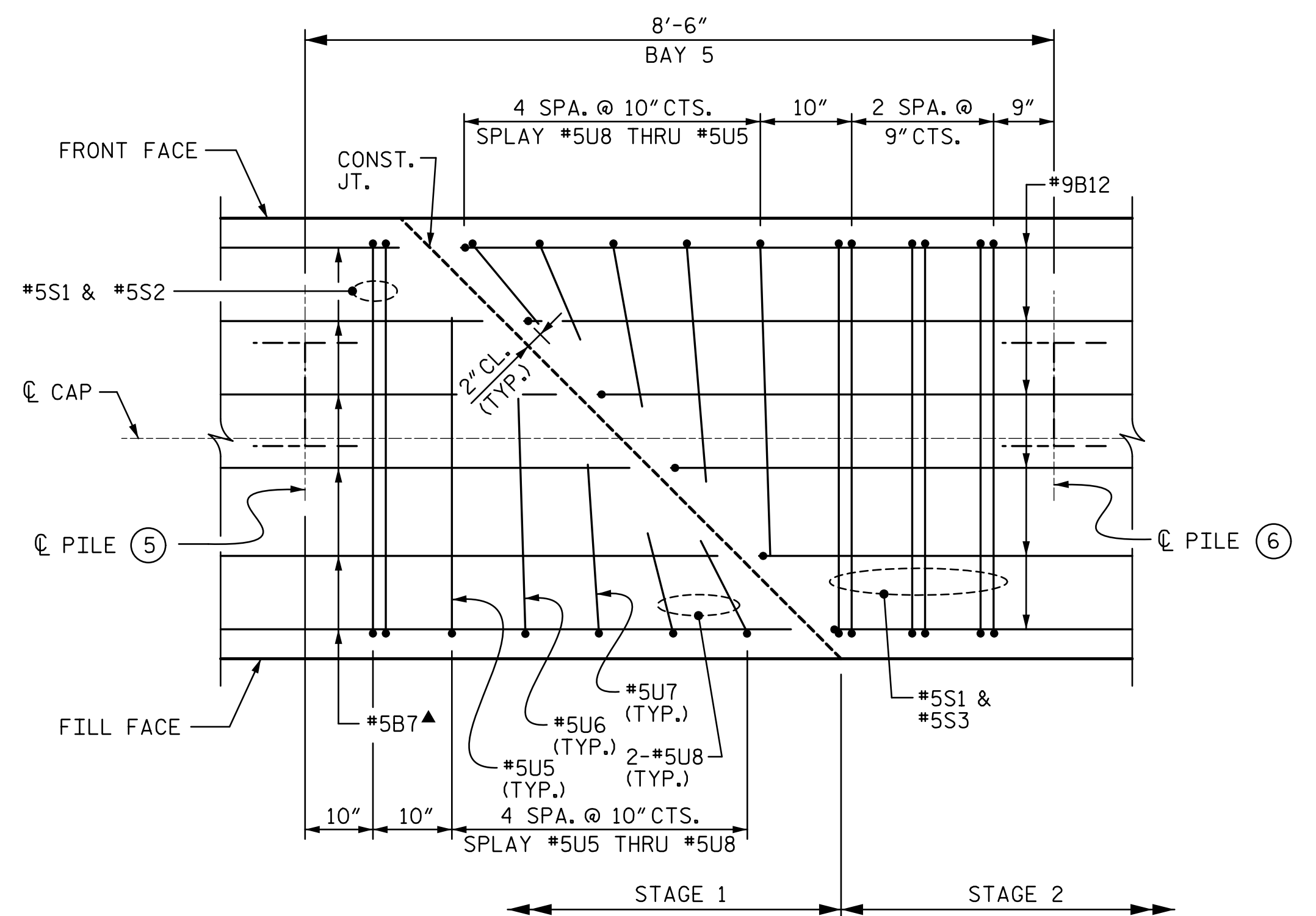
DETAIL "C"
STAGE 1
(TOP "B" BARS & "S" BARS SHOWN. REMAINING CAP REINFORCING AND WING REINFORCEMENT NOT SHOWN FOR CLARITY.)



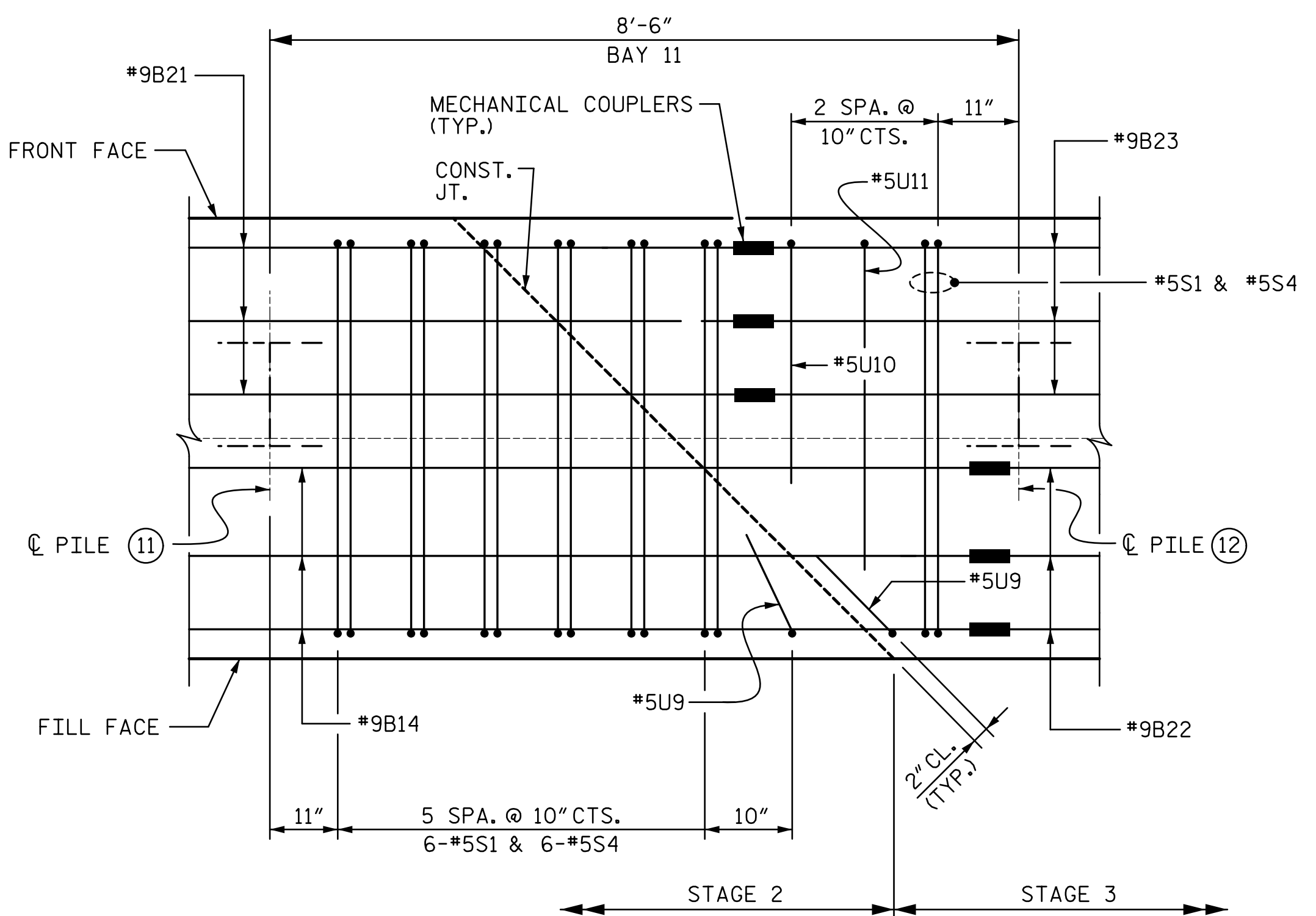
DETAIL "D"
STAGE 3
(TOP "B" BARS & "S" BARS SHOWN. REMAINING CAP REINFORCING AND WING REINFORCEMENT NOT SHOWN FOR CLARITY.)



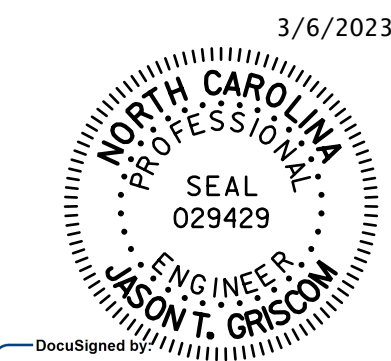
DOWEL LOCATION
(CONSTRUCTION JOINT BETWEEN STAGE 1 AND STAGE 2 ONLY.)
LEVEL ONE FIELD TESTING OF THE ADHESIVELY ANCHORED DOWELS IS REQUIRED. THE YIELD LOAD OF THE DOWEL IS 26.4 KIPS.



DETAIL "E"
(TOP "B" BARS & "S" BARS SHOWN. REMAINING CAP REINFORCING NOT SHOWN FOR CLARITY.)
▲ FIELD CUT #5B7 BARS TO PROVIDE 2" CLEARANCE TO EDGE OF SEAT AND CONSTRUCTION JOINT.



DETAIL "F"
(TOP "B" BARS & "S" BARS SHOWN. REMAINING CAP REINFORCING NOT SHOWN FOR CLARITY.)



STV ENGINEERS, INC.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. B-5808
CABARRUS COUNTY
STATION: 20+64.00 -L-
SHEET 5 OF 6

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
END BENT 1					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					S-47
					TOTAL SHEETS 65

ASSEMBLED BY : SGH DATE : 10-22
CHECKED BY : MLO DATE : 10-22
DESIGN ENGINEER OF RECORD : J. GRISCOM DATE : 3-23