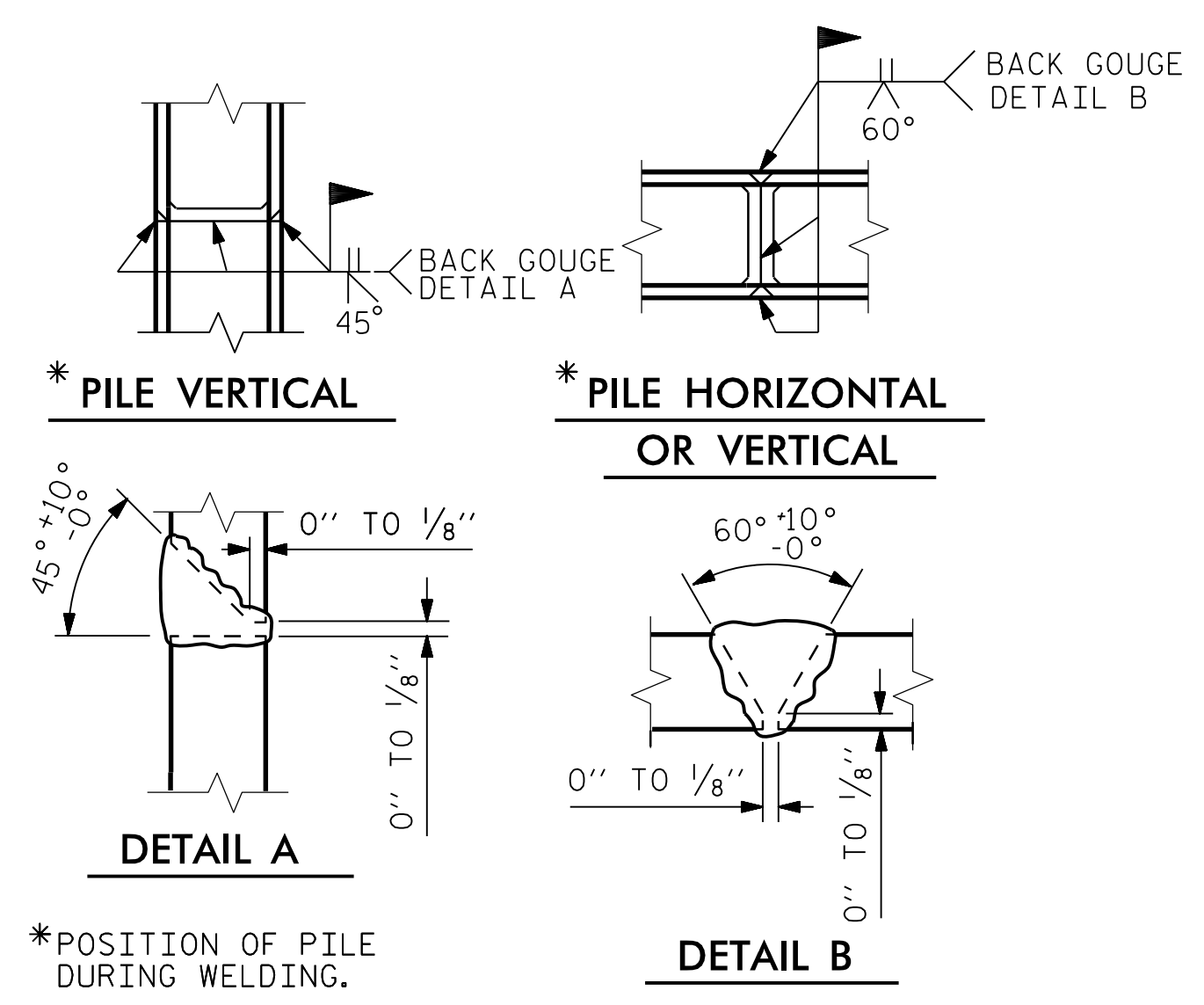


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK AND ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE FOR THE SEVERAL PAY ITEMS.

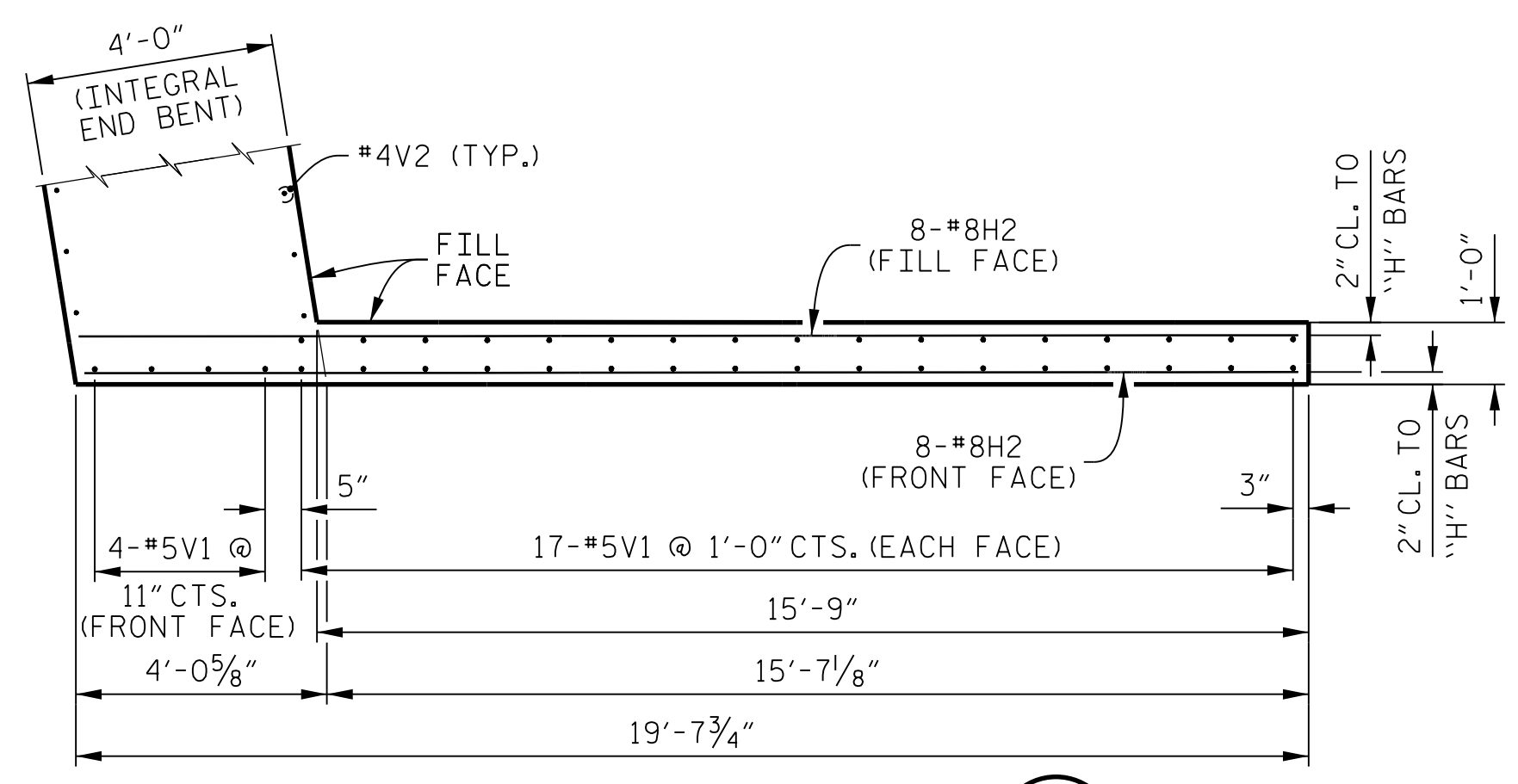
TEMPORARY DRAINAGE AT END BENT



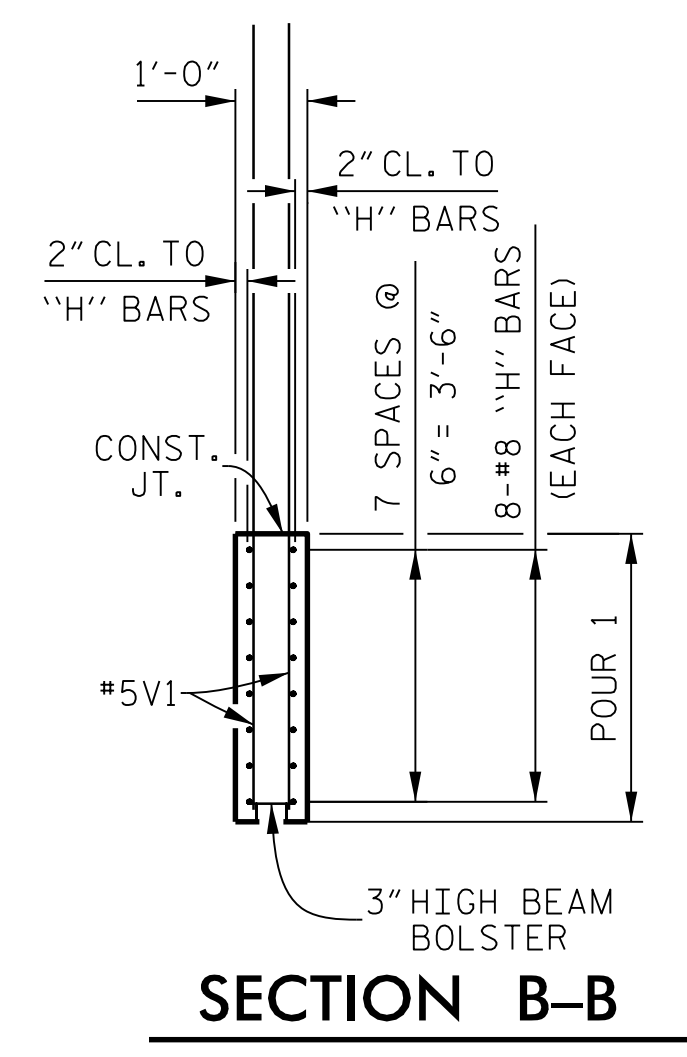
* POSITION OF PILE DURING WELDING.

PILE SPICE DETAILS

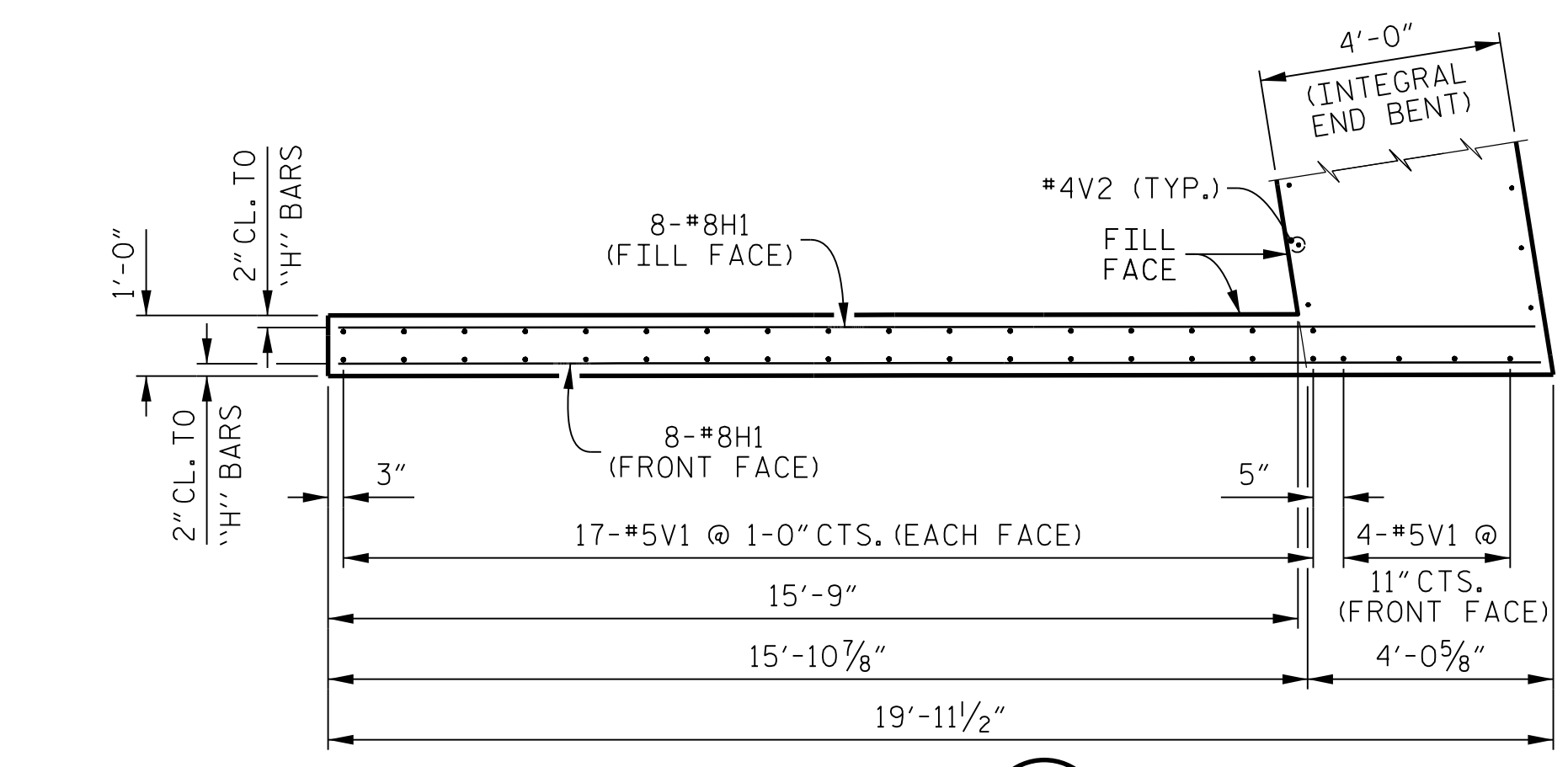
BAR TYPES				BILL OF MATERIAL	
END BENT 1					
BAR No.	SIZE	TYPE	LENGTH	WEIGHT	
B1	#9	1	47'-11"	1,955	
B2	#5	STR	45'-5"	379	
B3	#4	STR	3'-8"	27	
B4	#4	STR	23'-11"	128	
B5	#4	STR	13'-9"	55	
H1	#8	STR	19'-6"	833	
H2	#8	STR	19'-4"	826	
S1	#5	5	4'-7"	363	
S2	#5	2	11'-10"	938	
S3	#4	3	6'-6"	156	
U1	#4	4	7'-8"	51	
V1	#5	STR	10'-11"	865	
V2	#4	STR	4'-6"	186	
REINFORCING STEEL				6,762	LBS.
CLASS "A" CONCRETE					
POUR 1 COLLARS, CAP AND LOWER WINGS				33.8	CU. YDS.
HP 12 x 53 STEEL PILES					
9 REQUIRED				640.0	LIN. FT.



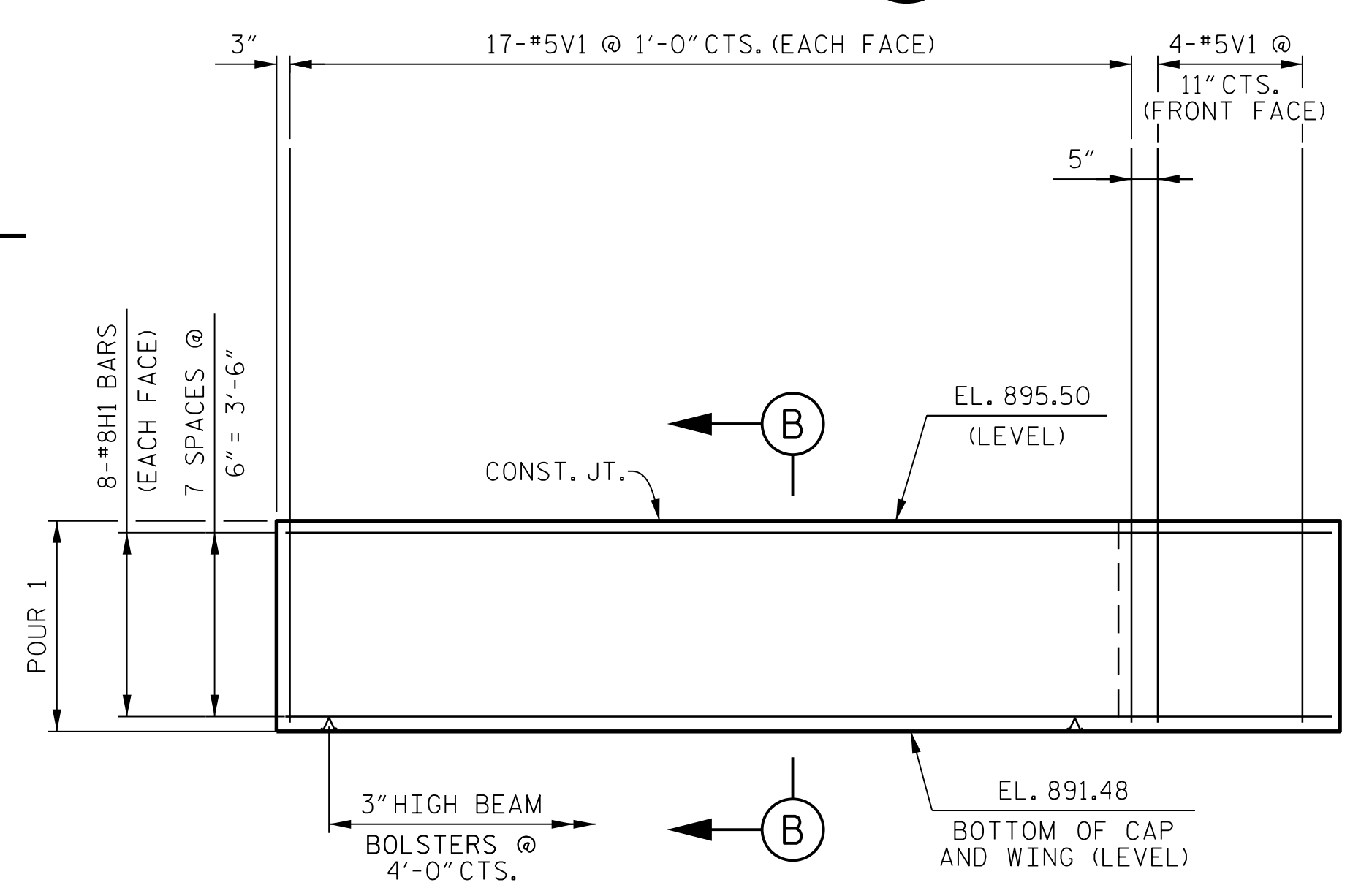
PLAN OF WING (W1)



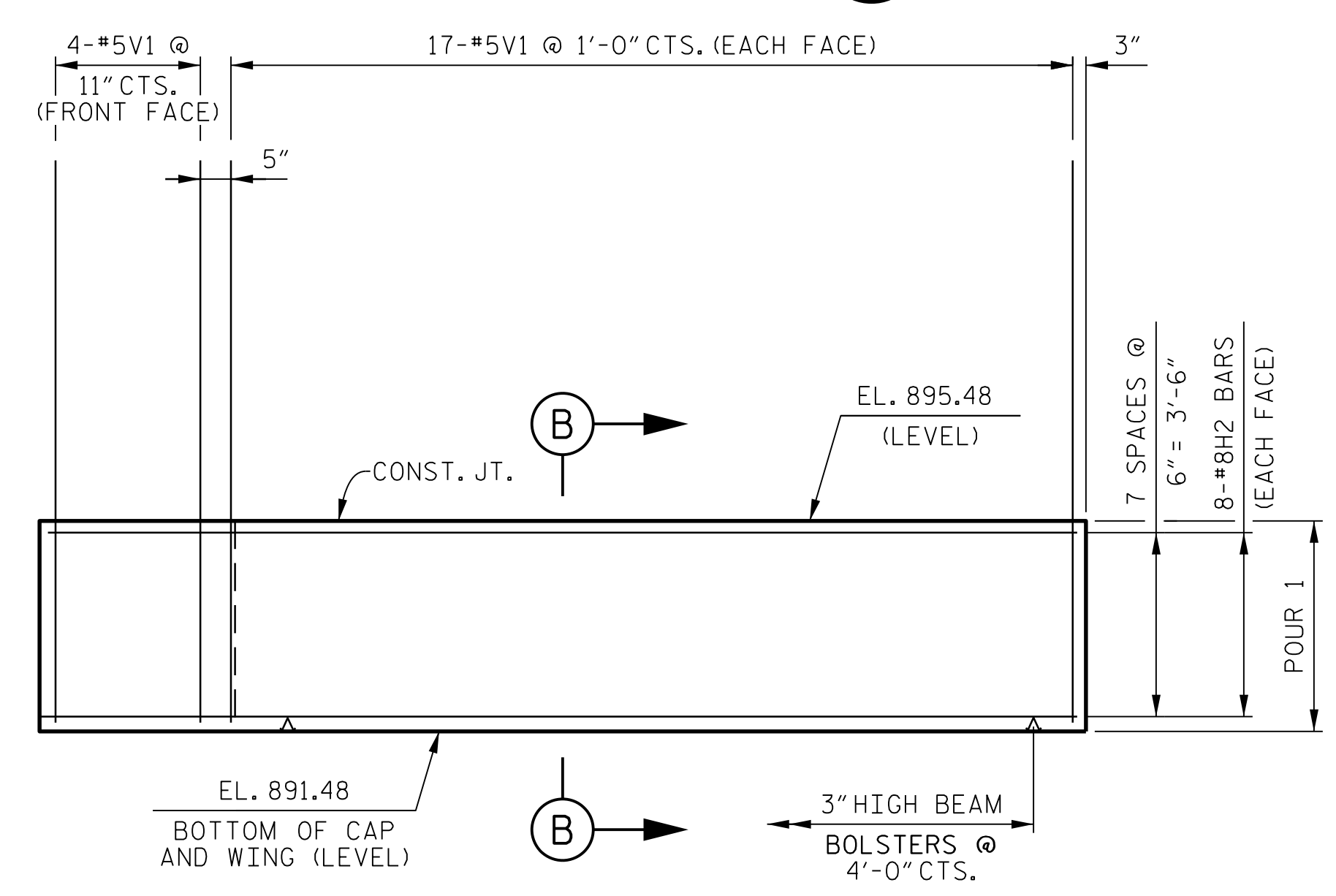
SECTION B-B



PLAN OF WING (W2)



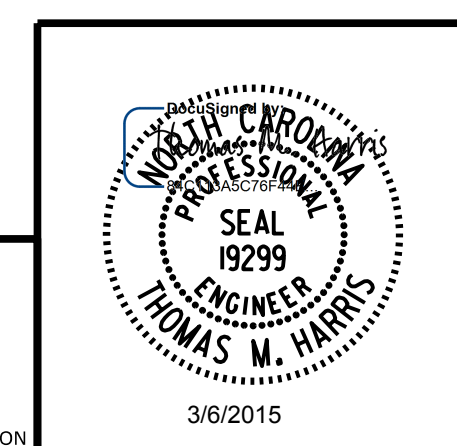
ELEVATION OF WING (W2)



ELEVATION OF WING (W1)

PROJECT NO. U-2524BC
 GUILFORD COUNTY
 STATION: 27 + 40.75 -L-
 SHEET 2 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE END BENT 1					
REVISIONS					
No.	BY:	DATE:	No.	BY:	DATE:
1			3		
2			4		



PLANS PREPARED BY:
PARSONS
 5540 Centerview Drive, Suite 217
 Raleigh, NC 27606-3386
 NC LICENSE No. F-0246
 FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DRAWN BY: K. E. LOFTON DATE: 11-14
 CHECKED BY: T. M. HARRIS DATE: 1-15
 DESIGN ENGINEER: T. M. HARRIS DATE: 2-15