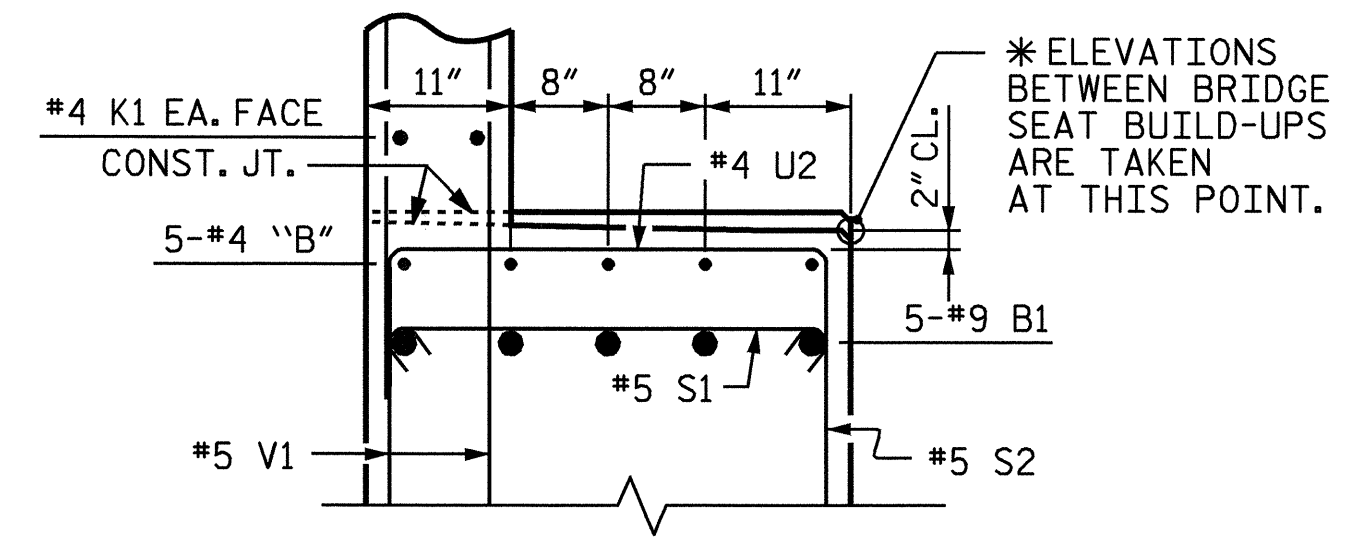


PLAN

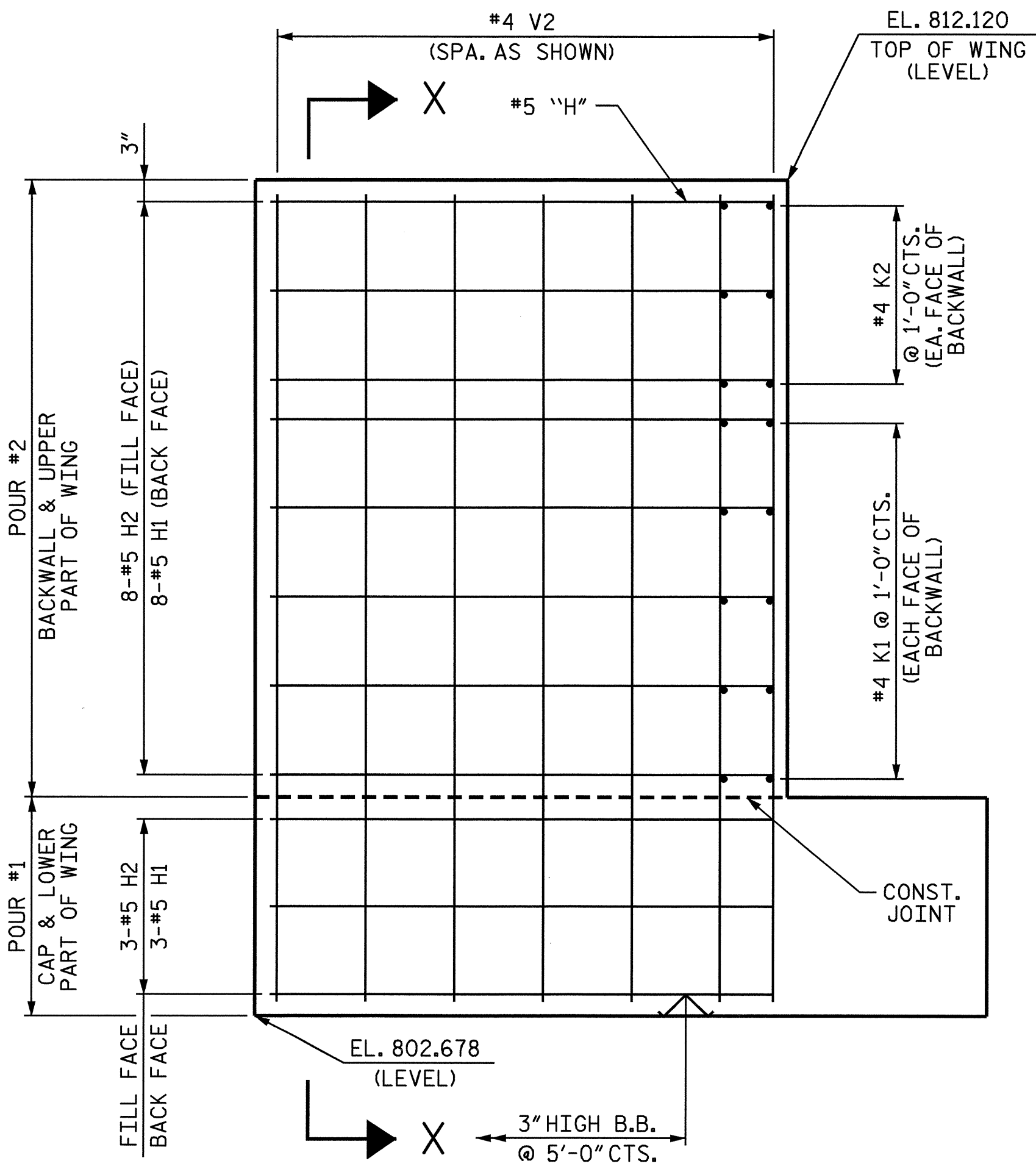


SECTION B-B

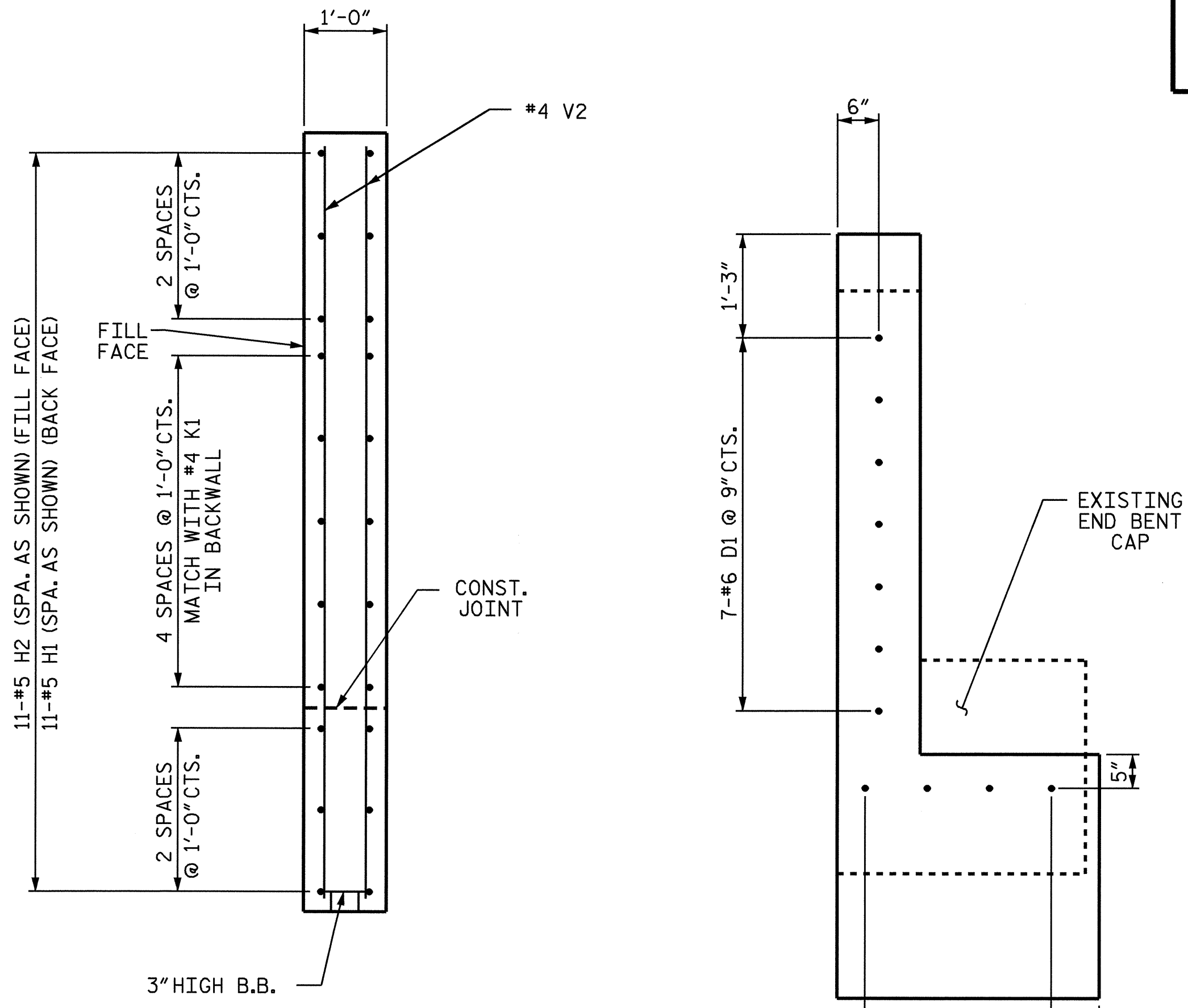
BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL						
END BENT #1						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	5	#9	1	49'-7"	843	
B2	4	#10	1	49'-11"	859	
B3	4	#5	STR	47'-2"	197	
B4	8	#4	STR	24'-10"	133	
B5	10	#4	STR	2'-8"	18	
B6	5	#4	STR	10'-5"	35	
B7	12	#4	STR	2'-10"	23	
D1	11	#6	STR	2'-6"	41	
H1	11	#5	2	6'-4"	73	
H2	11	#5	2	6'-6"	75	
K1	20	#4	STR	24'-10"	332	
K2	6	#4	STR	4'-0"	16	
K3	2	#4	STR	6'-4"	8	
S1	46	#5	3	3'-9"	180	
S2	46	#5	4	8'-0"	384	
S3	24	#4	5	6'-6"	104	
U1	37	#4	6	3'-8"	91	
U2	23	#4	6	5'-10"	90	
V1	74	#5	STR	7'-0"	540	
V2	34	#4	STR	9'-1"	206	
REINFORCING STEEL				=	4248 LBS	
CLASS A CONCRETE						
POUR #1 (CAP & LOWER PART OF WING)					15.5 CU. YDS.	
POUR #2 (BACKWALL & UPPER PART OF WING)					10.8 CU. YDS.	
TOTAL					26.3 CU. YDS.	
HP 12 x 53 STEEL PILES NO. 12					480 FEET	

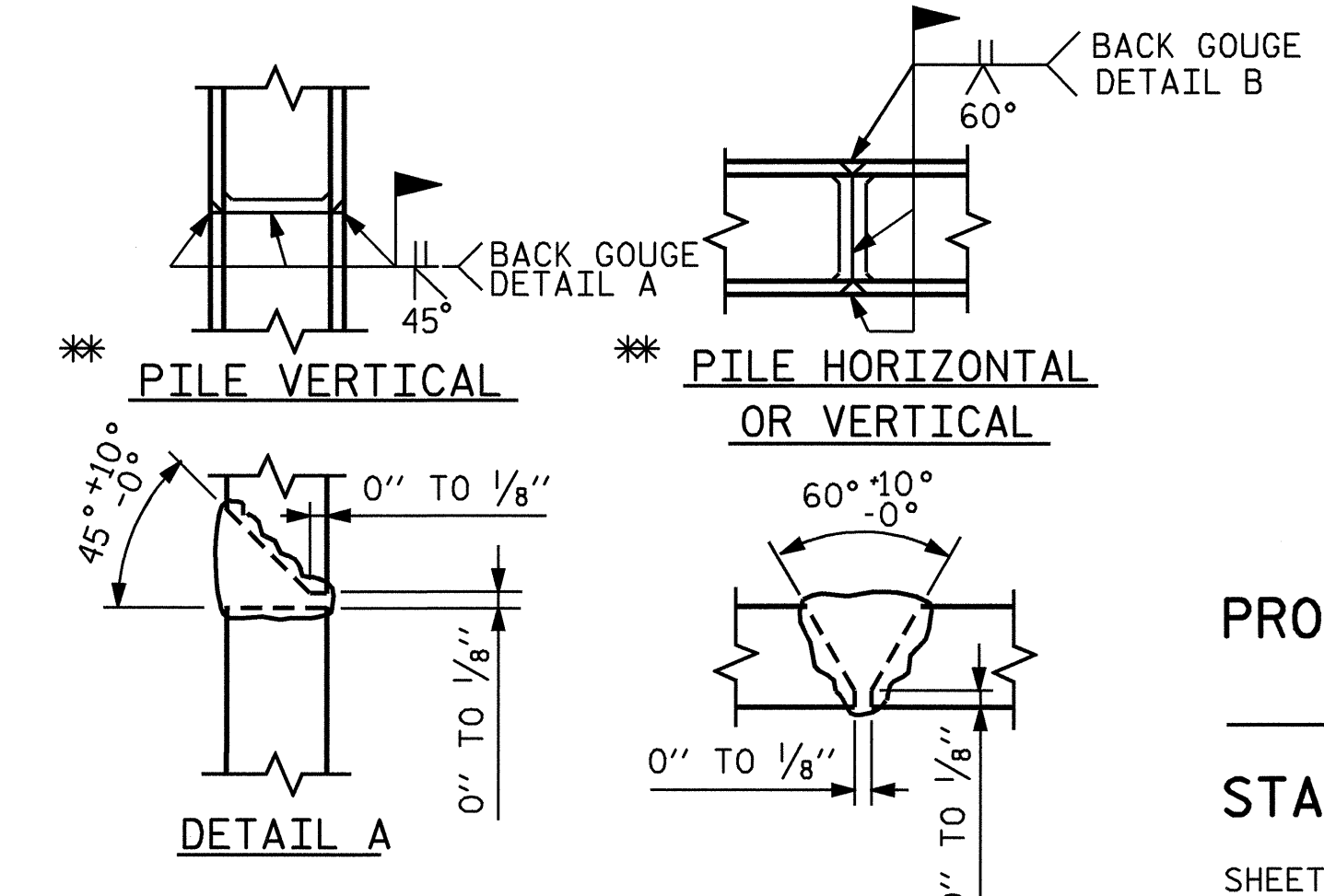


ELEVATION



SECTION X-X

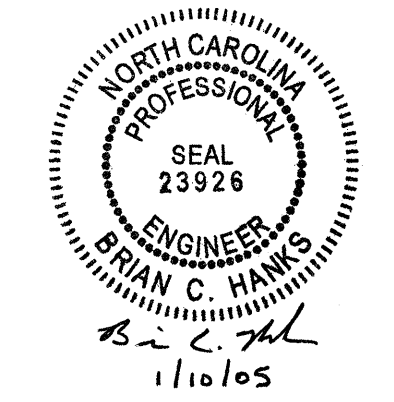
DOWEL DETAIL



PILE SPLICE DETAILS

PROJECT NO. U-3837  
 FORSYTH COUNTY  
 STATION: 21+64.07 -L-

SHEET 2 OF 2  
 STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUBSTRUCTURE  
 END BENT 1



DRAWN BY: D. G. ELY DATE: 4/06/04  
 CHECKED BY: W. F. PARKER DATE: 06/04

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-68
1			3			TOTAL SHEETS
2			4			78