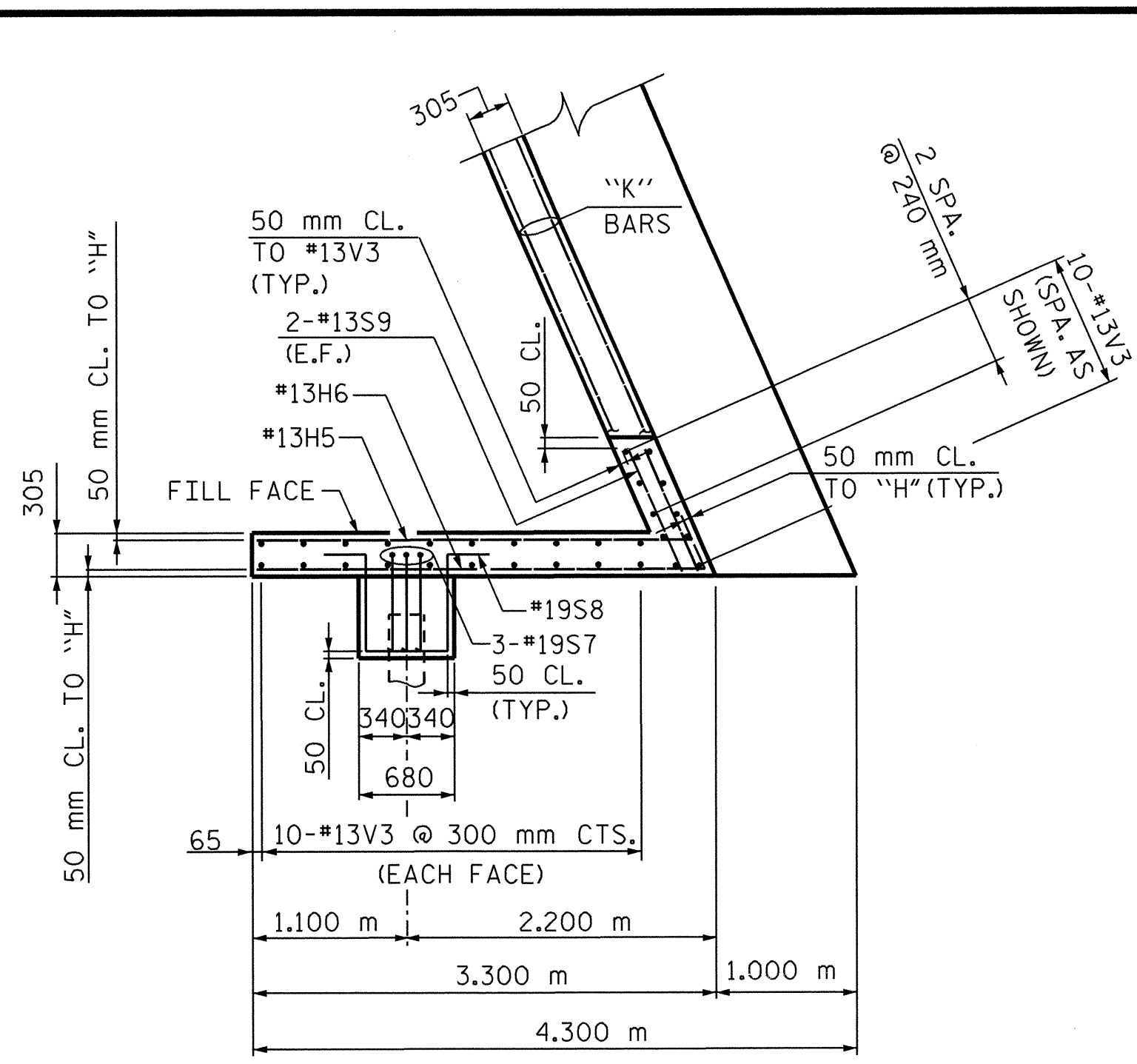
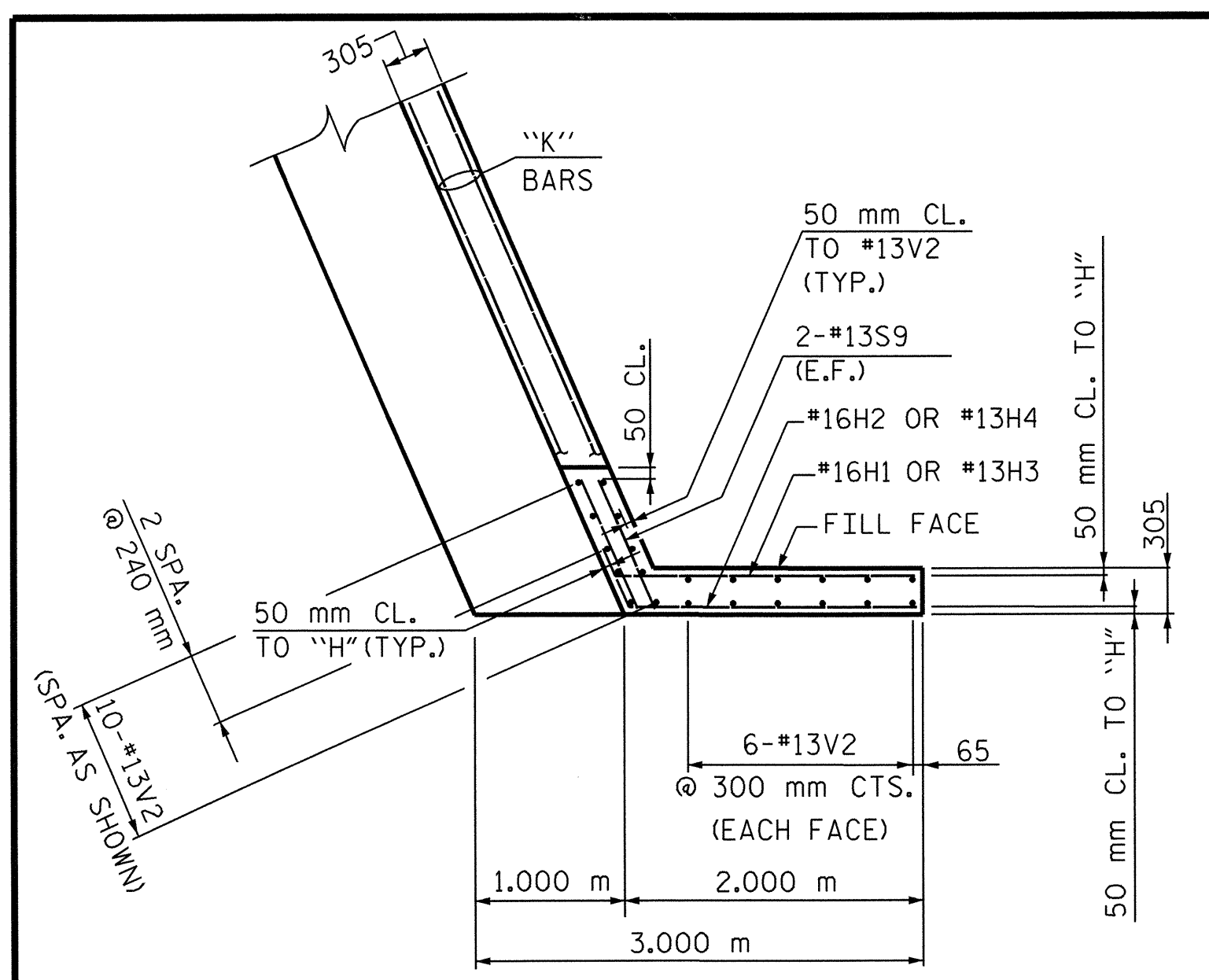
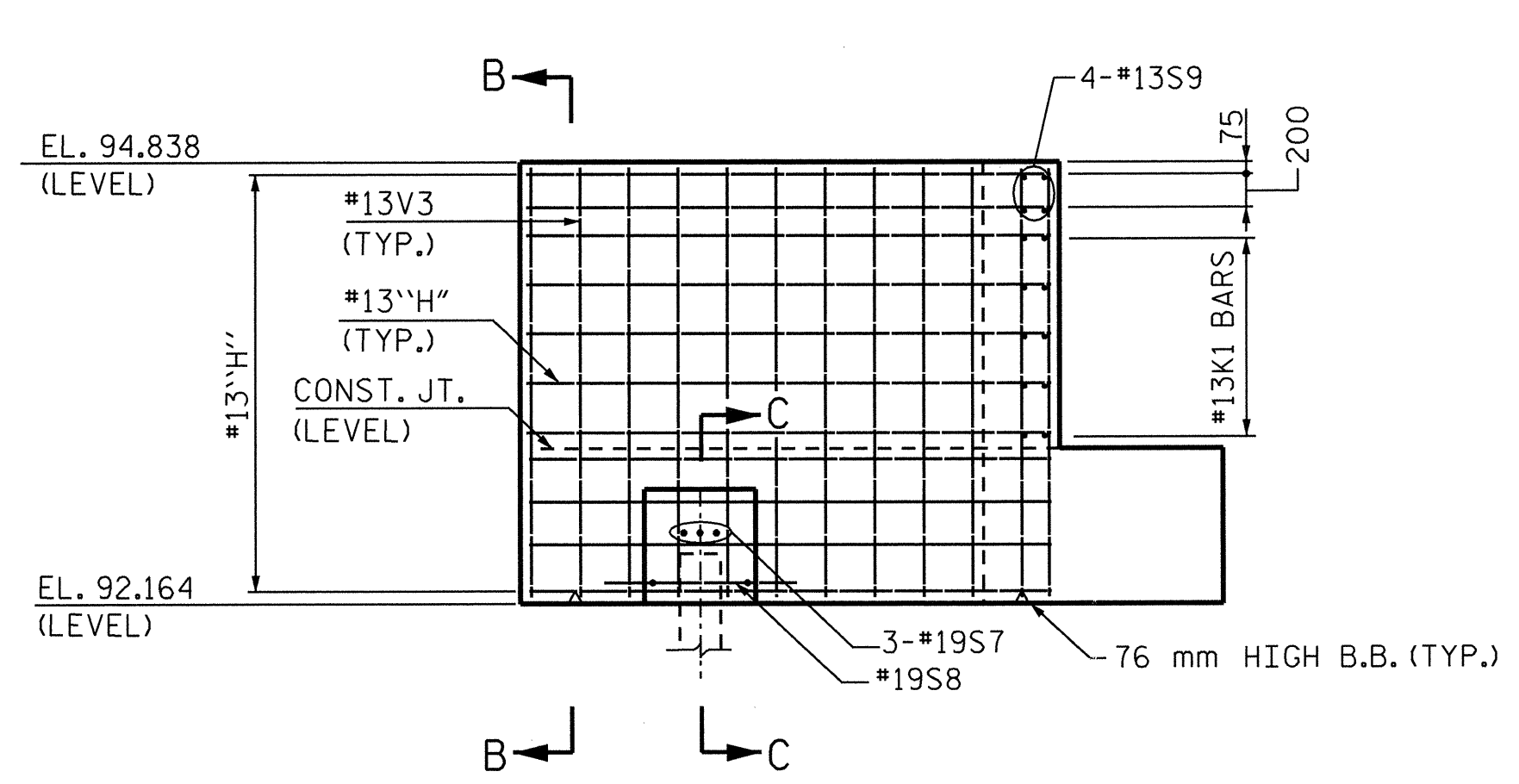
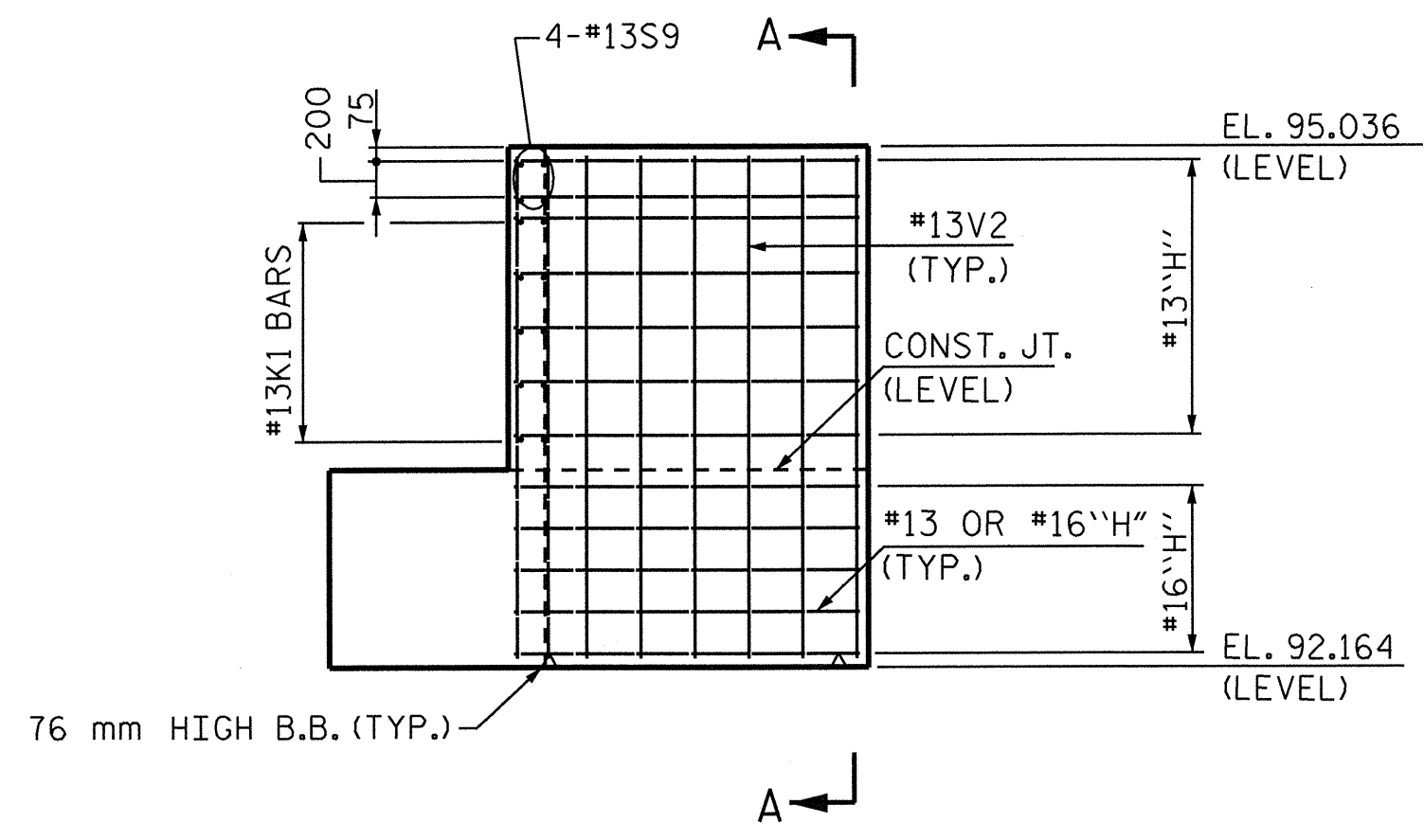


G:\COMMONS\304046\BRIDGE\SITE\DNFINAL\R2552AA.SD-EB13-01.DGN



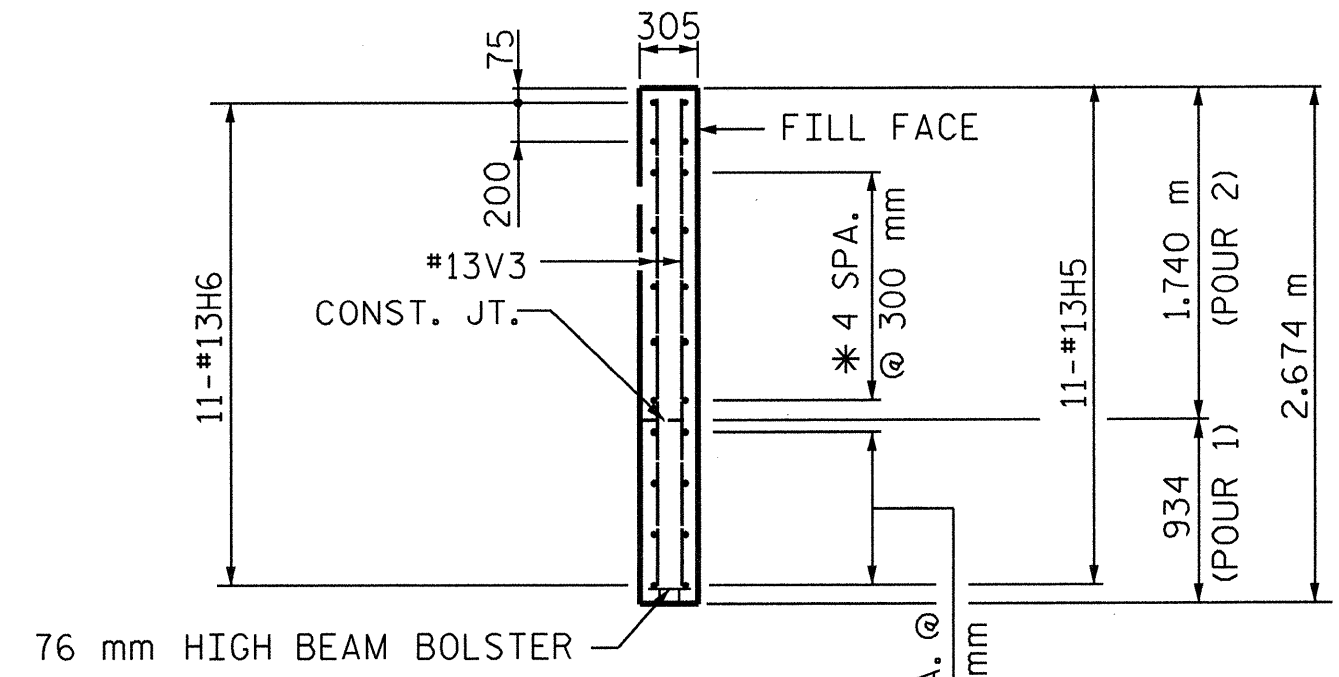
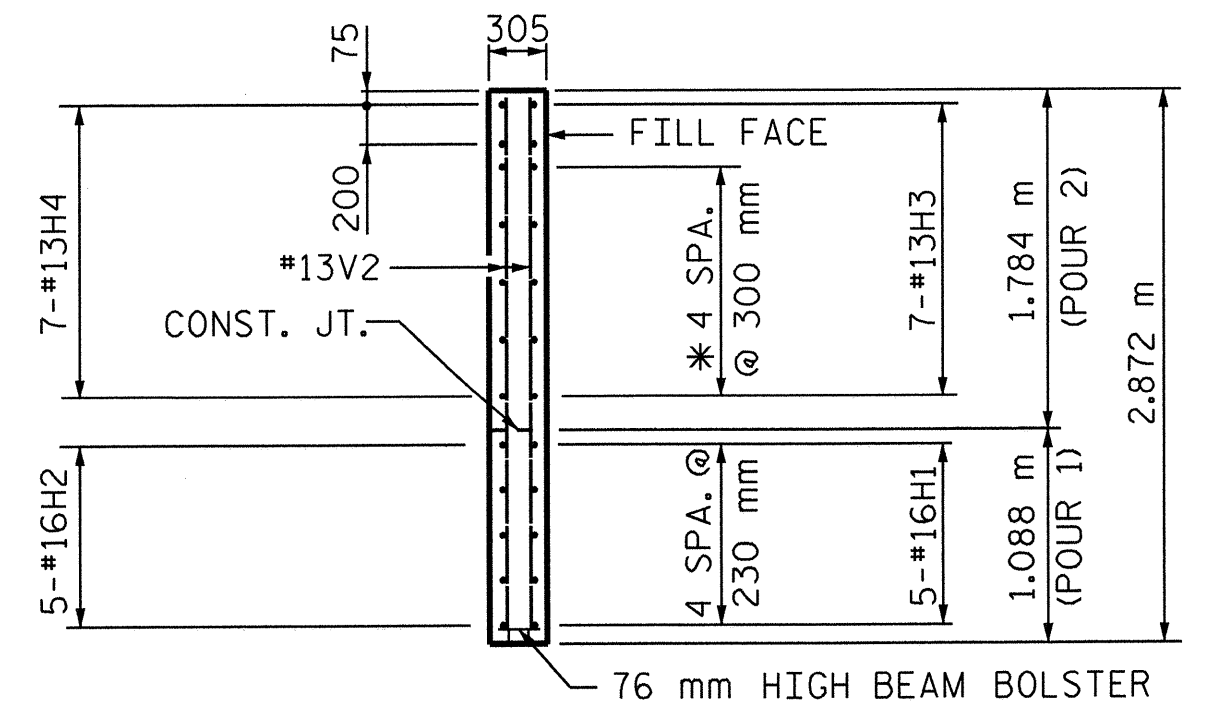
PLAN OF LEFT WING (W1)

PLAN OF RIGHT WING (W2)



ELEVATION OF LEFT WING

ELEVATION OF RIGHT WING

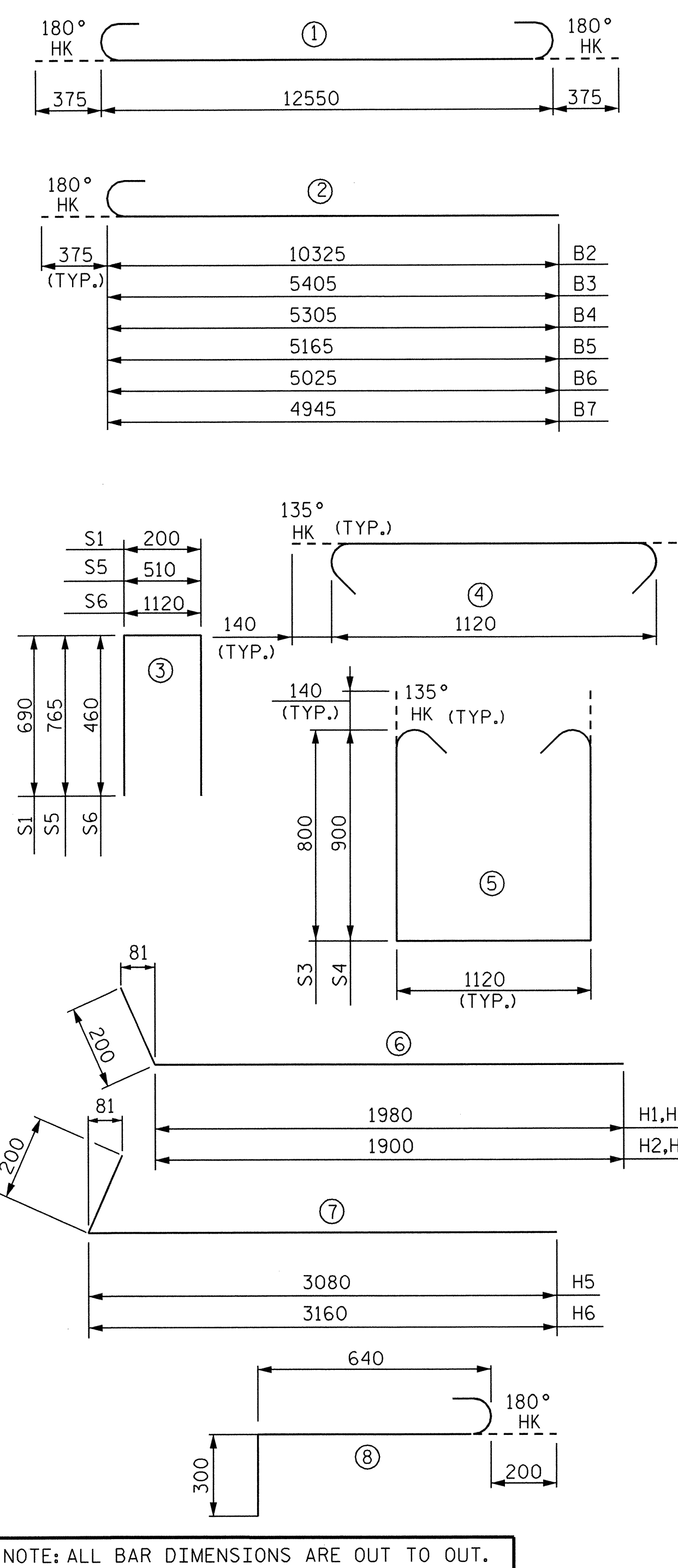


SECTION A-A

SECTION B-B

\* MATCH TO K1 BARS IN BACKWALL

BAR TYPES



BILL OF MATERIAL

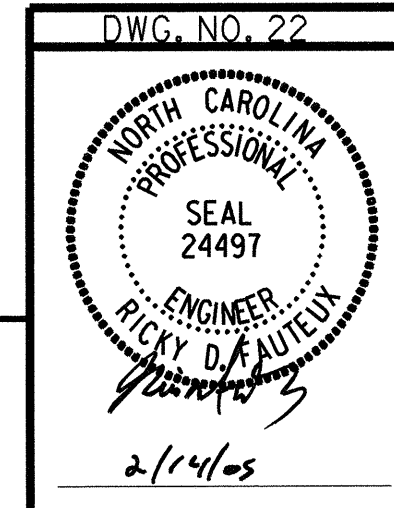
END BENT 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	5	#29	1	13300	337
B2	5	#29	2	10700	271
B3	1	#29	2	5780	29
B4	1	#29	2	5680	29
B5	1	#29	2	5540	28
B6	1	#29	2	5400	27
B7	1	#29	2	5320	27
B8	4	#16	STR.	12540	78
B9	16	#13	STR.	6660	106
B10	13	#13	STR.	1120	14
B11	10	#13	STR.	500	5
H1	5	#16	6	2180	17
H2	5	#16	6	2100	16
H3	7	#13	6	2180	15
H4	7	#13	6	2100	15
H5	11	#13	7	3280	36
H6	11	#13	7	3360	37
K1	20	#13	STR.	6660	132
S1	35	#13	3	1580	55
S2	42	#16	4	1400	91
S3	25	#16	5	3000	116
S4	17	#16	5	3200	84
S5	30	#13	3	2040	61
S6	6	#13	3	2040	12
S7	3	#19	8	1140	8
S8	1	#19	9	2780	6
S9	16	#13	STR.	940	15
V1	70	#16	STR.	2100	228
V2	22	#13	STR.	2740	60
V3	30	#13	STR.	2540	76

REINFORCING STEEL		2,031 kg
CLASS "A" CONCRETE		
POUR 1		16.8 m <sup>3</sup>
POUR 2		8.0 m <sup>3</sup>
TOTAL		24.8 m <sup>3</sup>
HP 310 x 79 STEEL PILES		
NO.		11
METER		115

NOTE: ALL BAR DIMENSIONS ARE OUT TO OUT.

PROJECT NO. R-2552AA  
 WAKE / JOHNSTON COUNTY  
 STATION: 19+25.877 -I1Y1- P.O.T.  
 SHEET 3 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUBSTRUCTURE  
 END BENT 1  
 DETAILS & B.O.M.



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DRAWN BY: B. PARRISH DATE: 01/05  
 CHECKED BY: R. D. FAUTEUX DATE: 01/05

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	