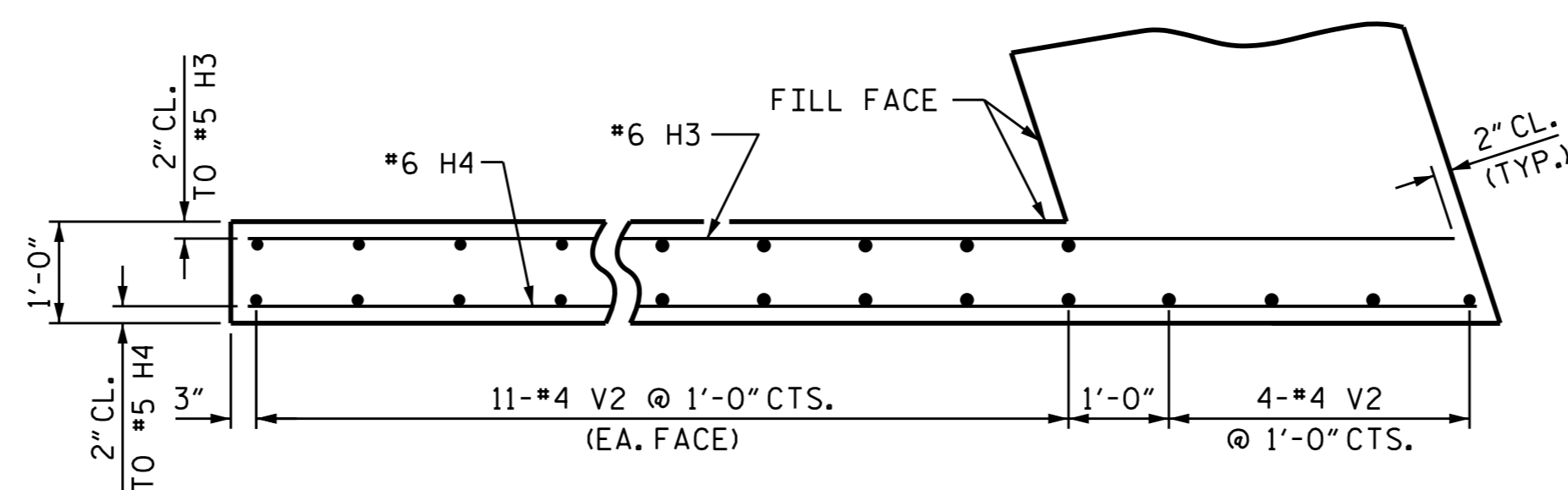
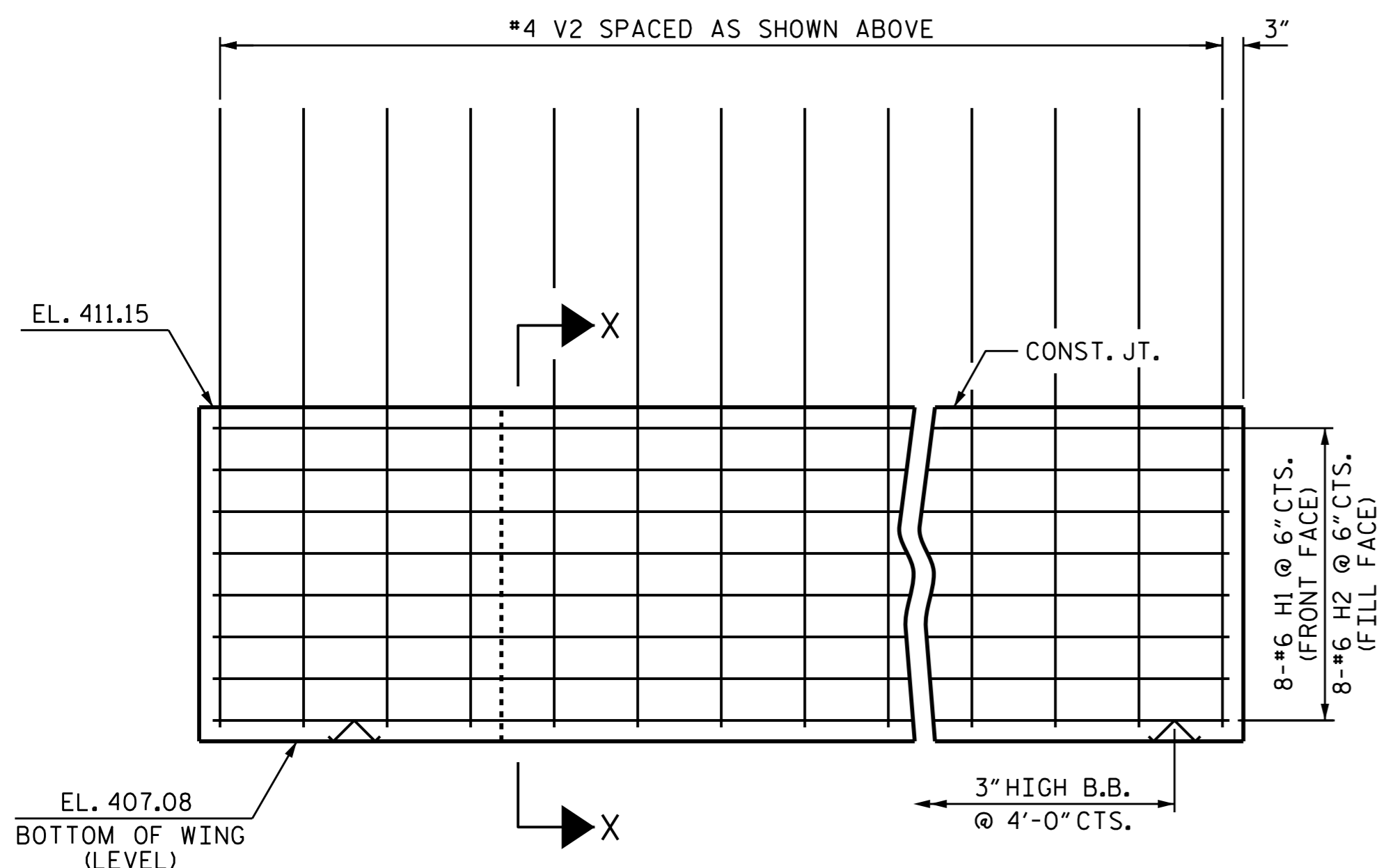


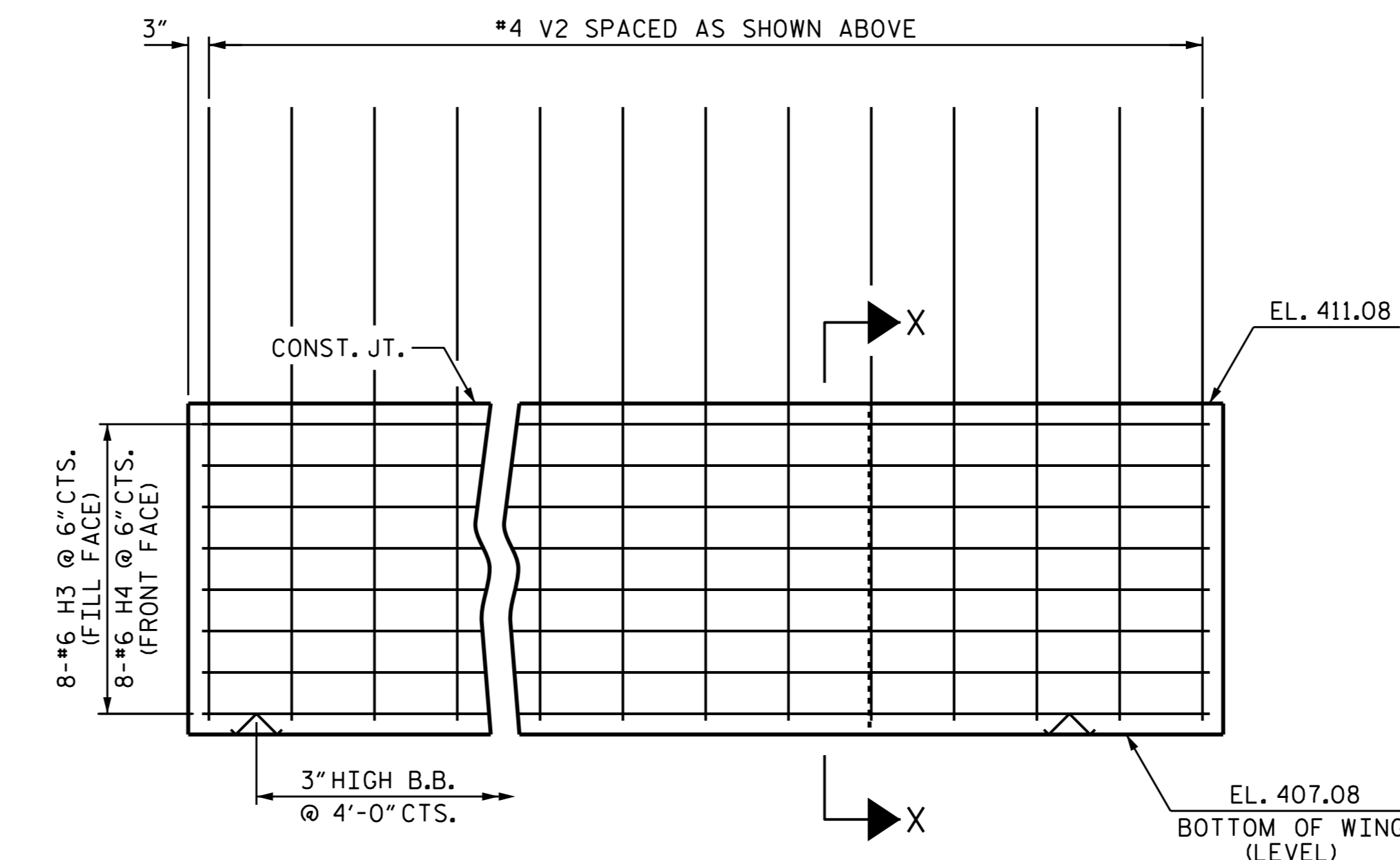
PLAN OF LEFT WING



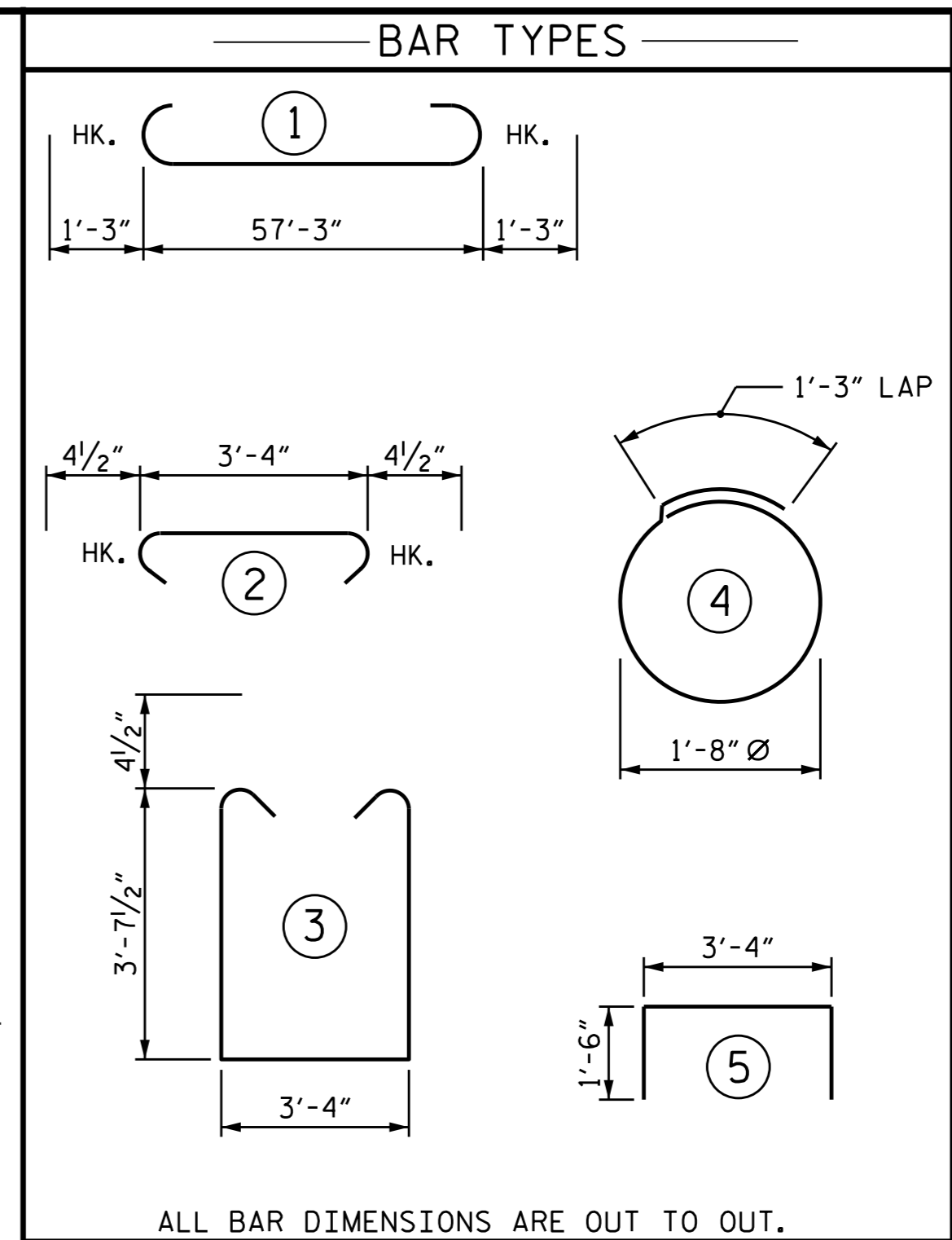
PLAN OF RIGHT WING



ELEVATION OF LEFT WING

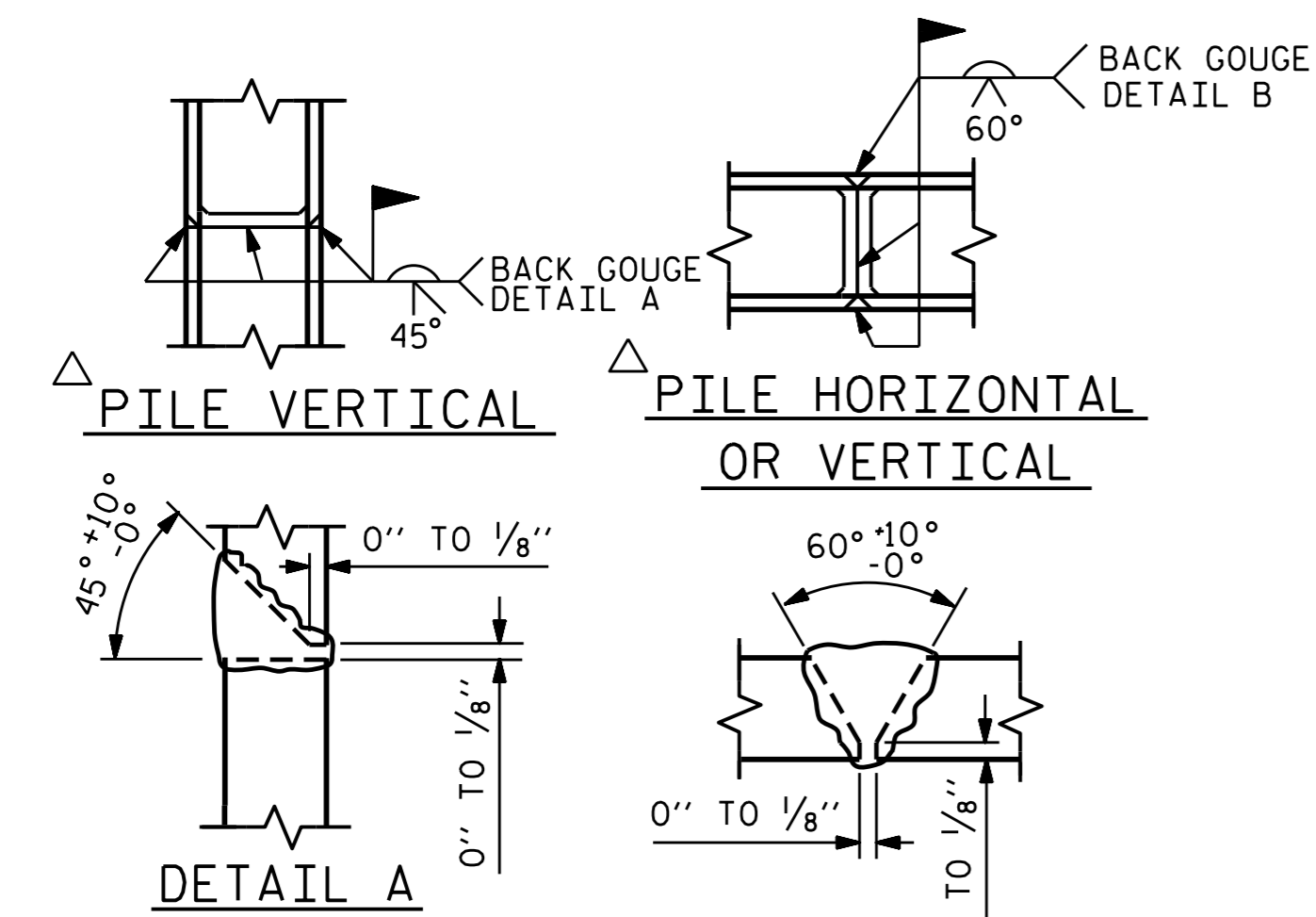


ELEVATION OF RIGHT WING

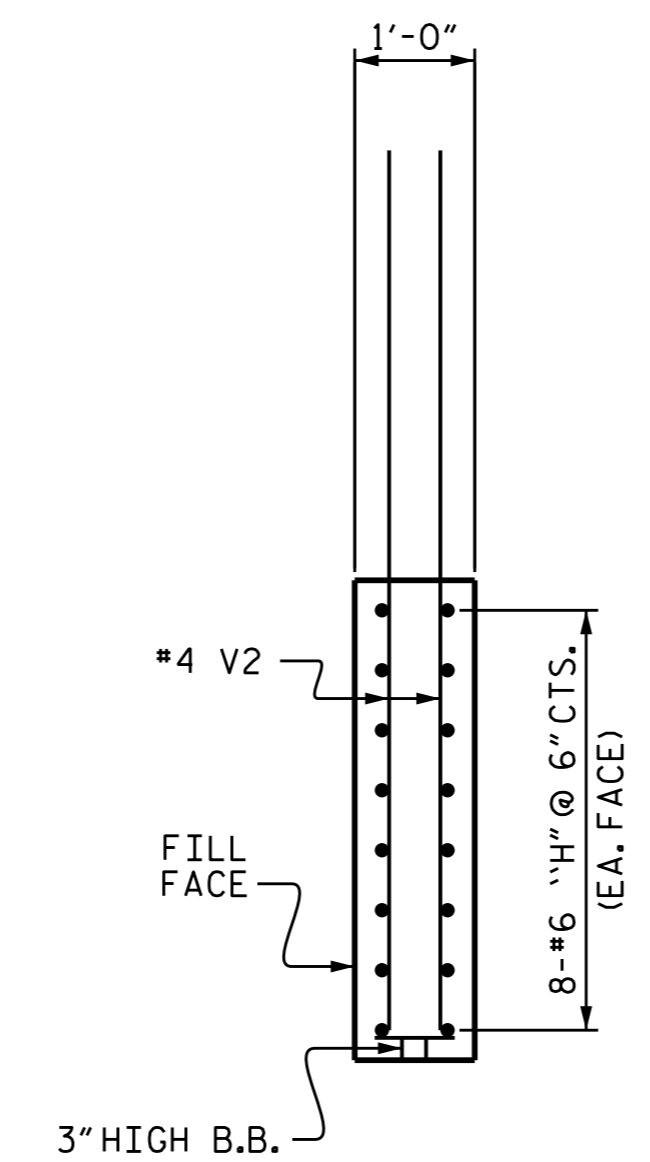


BILL OF MATERIAL					
END BENT 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#9	1	59'-9"	2032
B2	20	#4	STR	29'-11"	400
B3	5	#4	STR	14'-5"	48
B4	14	#4	STR	3'-4"	31
H1	8	#6	STR	16'-2"	194
H2	8	#6	STR	16'-3"	195
H3	8	#6	STR	14'-0"	168
H4	8	#6	STR	14'-1"	169
S1	100	#4	3	11'-4"	757
S2	100	#4	2	4'-1"	273
S3	32	#4	4	6'-6"	139
U1	12	#4	5	6'-4"	51
V1	102	#4	STR	6'-2"	420
V2	56	#4	STR	9'-3"	346
REINFORCING STEEL				LBS.	5,223
CLASS A CONCRETE				C.Y.	37.4
HP 12 X 53 STEEL PILES NO. 8				LIN. FT.	96
STEEL PILE POINTS				NO.	8
PILE EXCAVATION IN SOIL				LIN. FT.	80
PILE EXCAVATION NOT IN SOIL				LIN. FT.	16

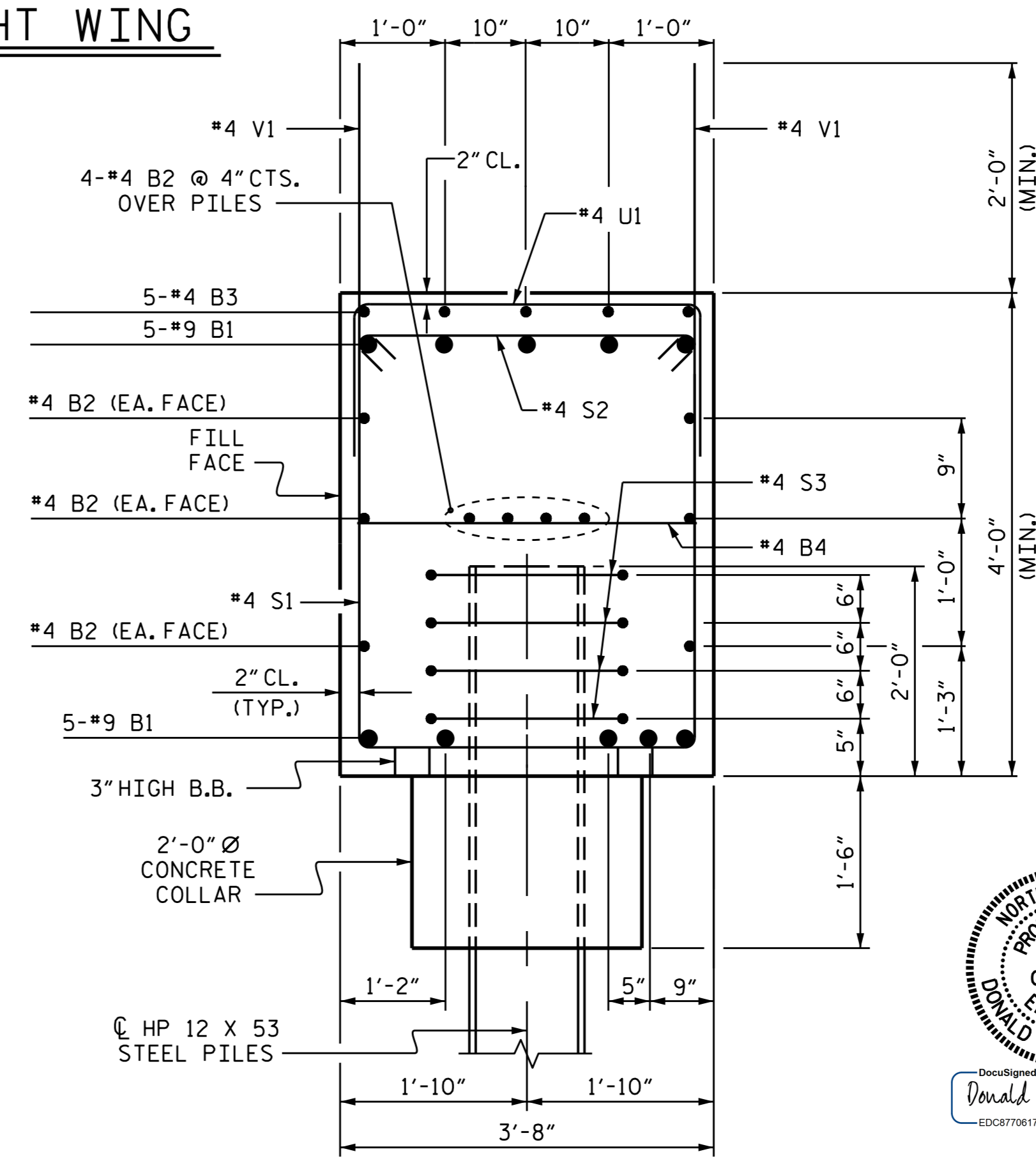
ALL BAR DIMENSIONS ARE OUT TO OUT.



PILE SPLICE DETAILS

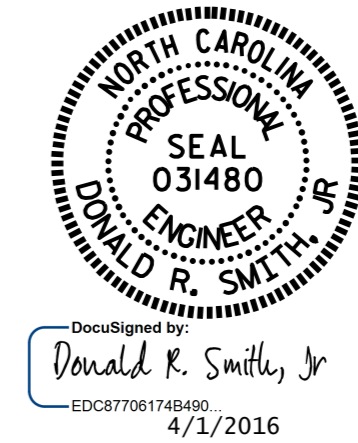


SECTION X-X



SECTION A-A

PROJECT NO. U-3308
 DURHAM COUNTY
 STATION: 23+00.86-LALT-
 SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 INTEGRAL
 END BENT 1

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-25
1			3			TOTAL SHEETS
2			4			32

DRAWN BY : J.D. HAWK
 CHECKED BY : P.S. ADKINS
 DESIGN ENGINEER OF RECORD: D.R. SMITH

DATE : 8/13/14
 DATE : 9/3/14
 DATE : 11/3/14

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED