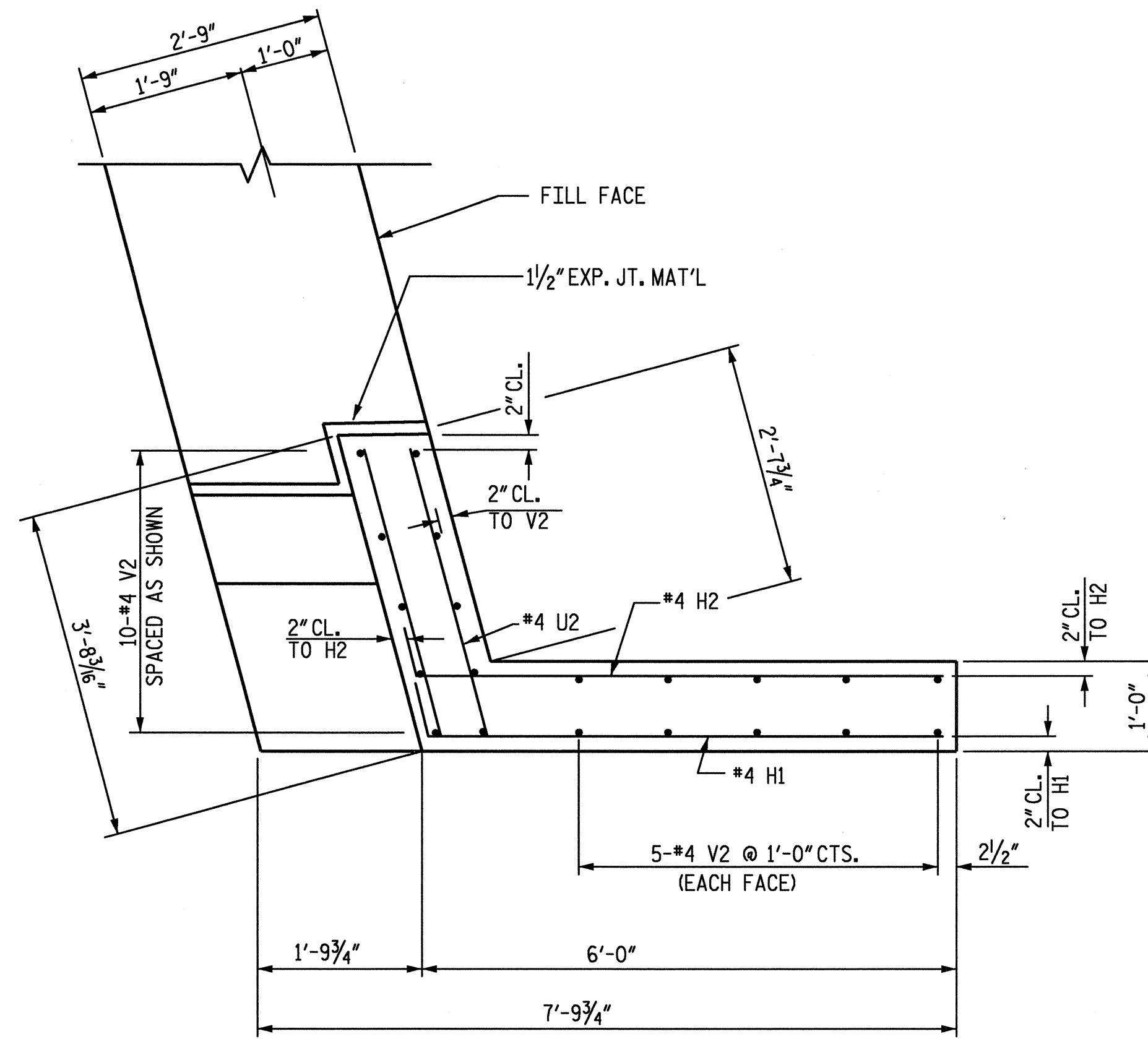
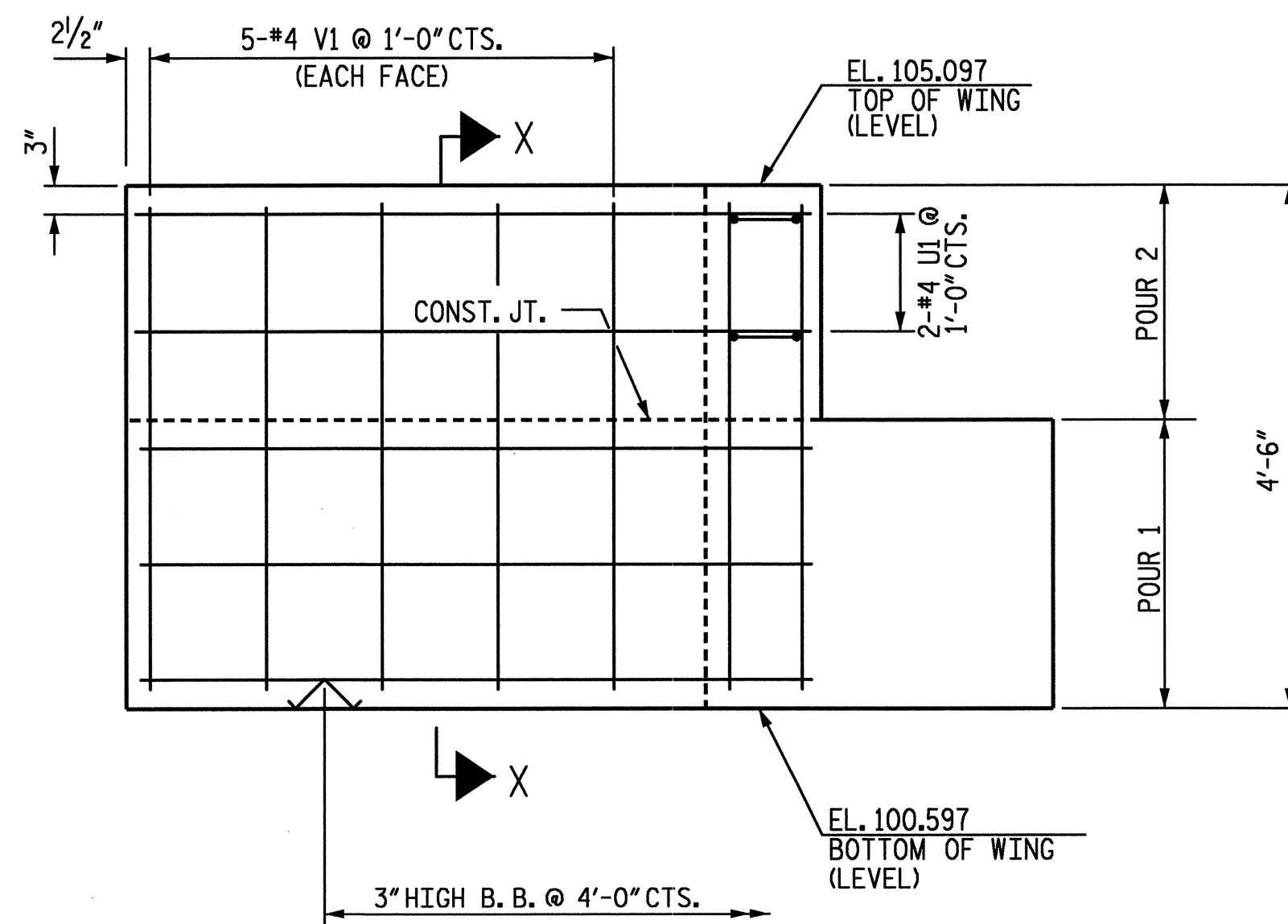


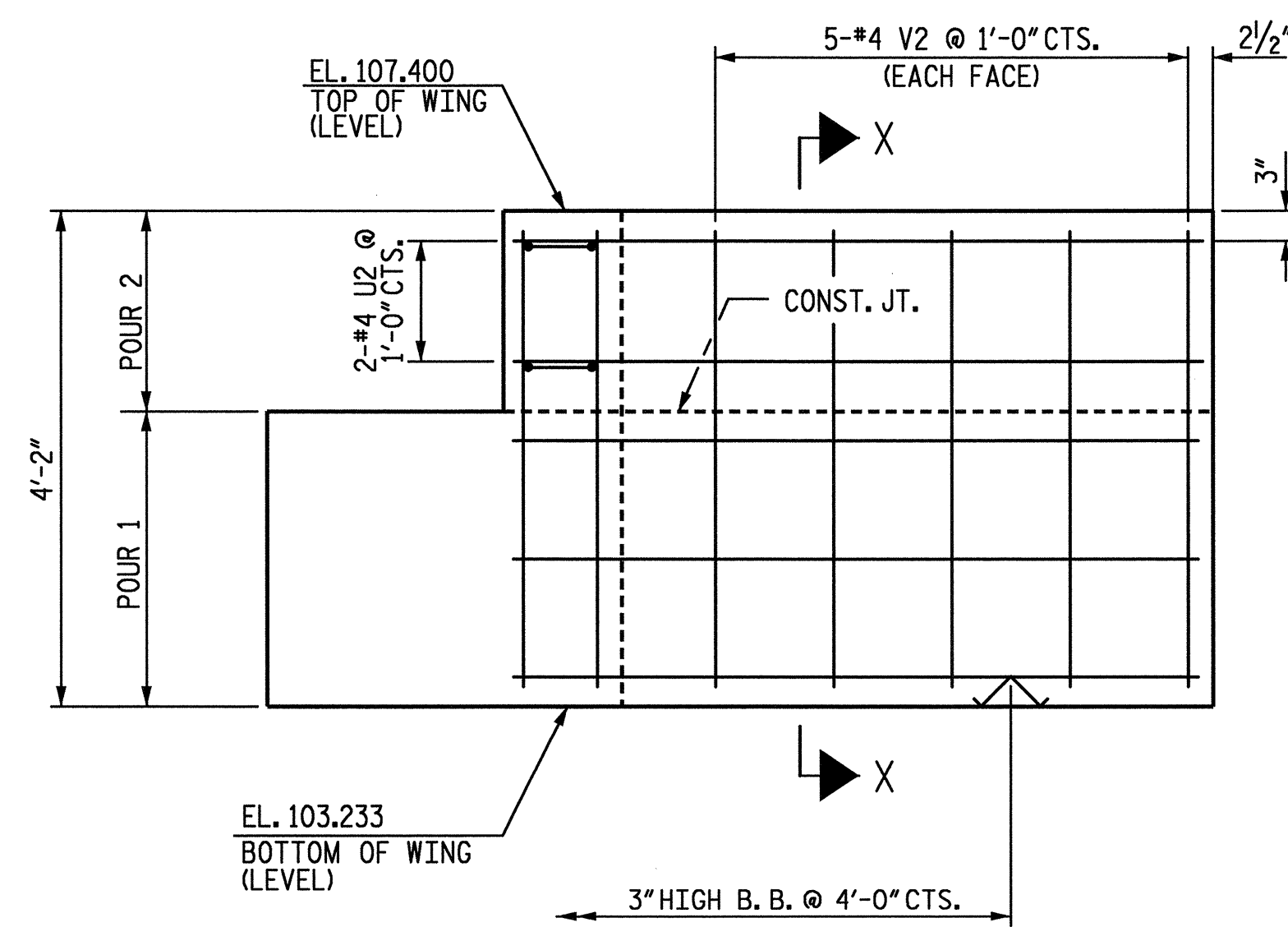
PLAN OF WING (W1)



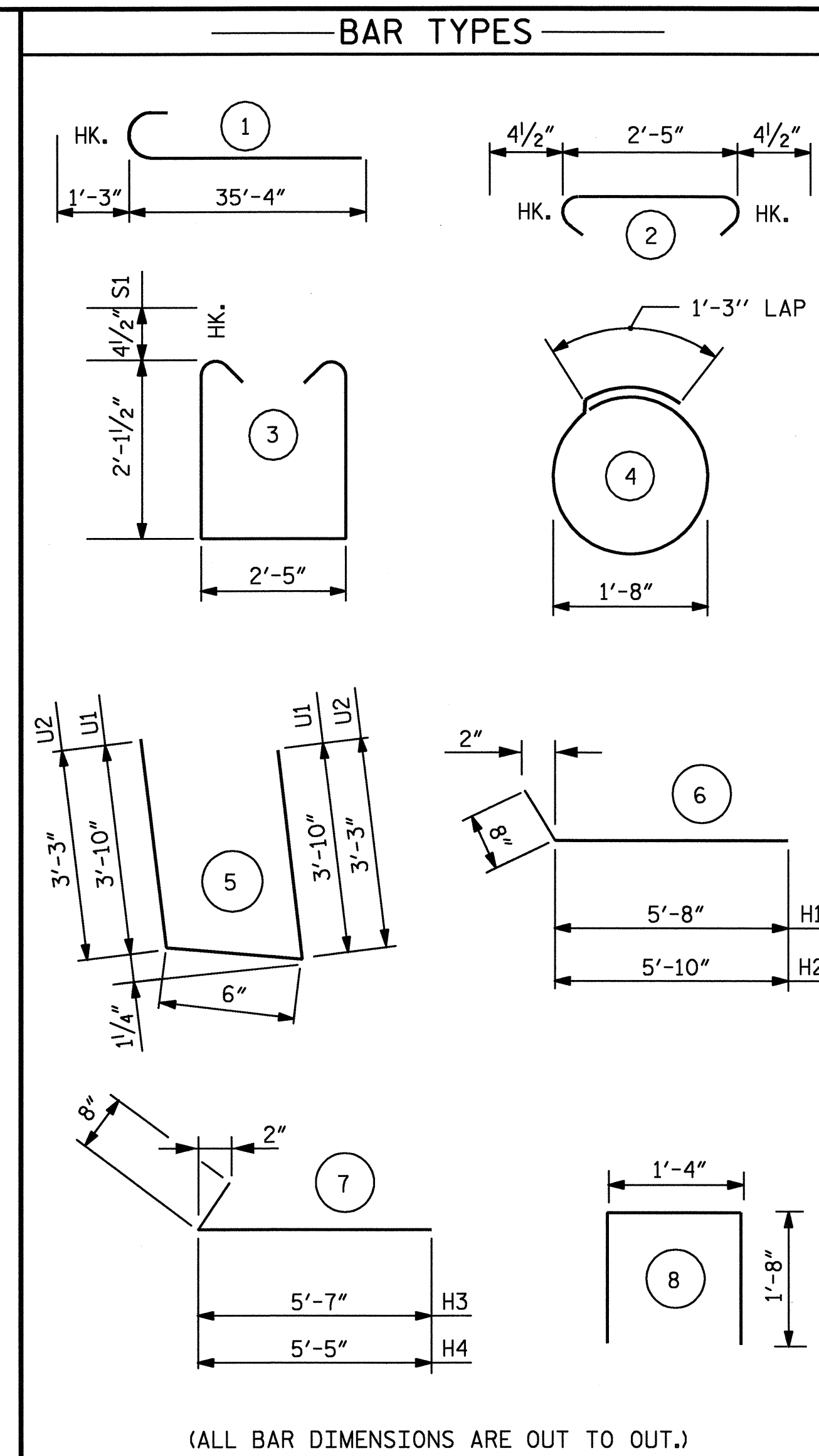
PLAN OF WING (W2)



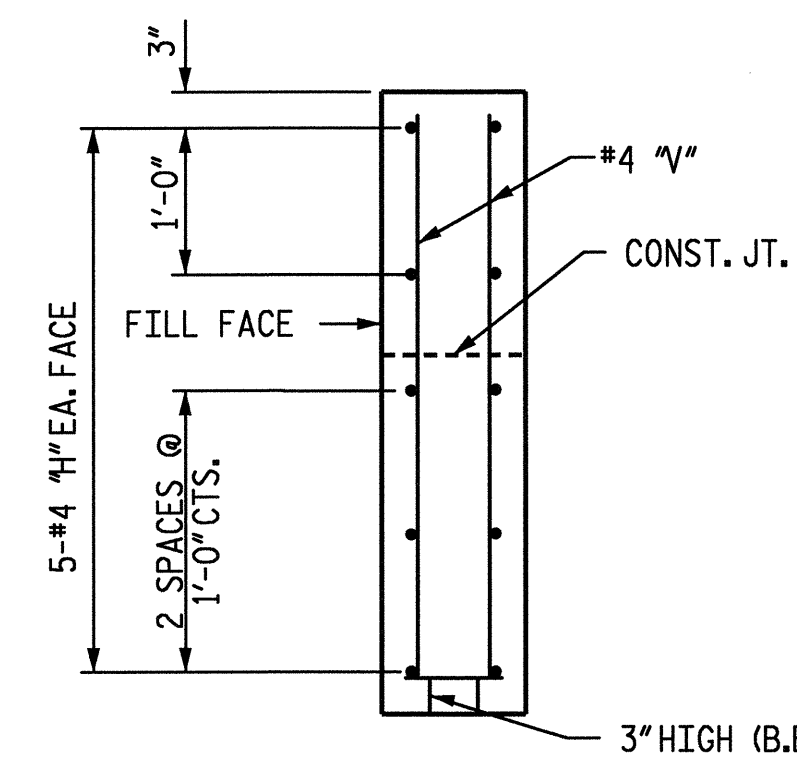
ELEVATION OF WING (W1)



ELEVATION OF WING (W2)



(ALL BAR DIMENSIONS ARE OUT TO OUT.)



SECTION X-X

BILL OF MATERIAL

END BENT 2

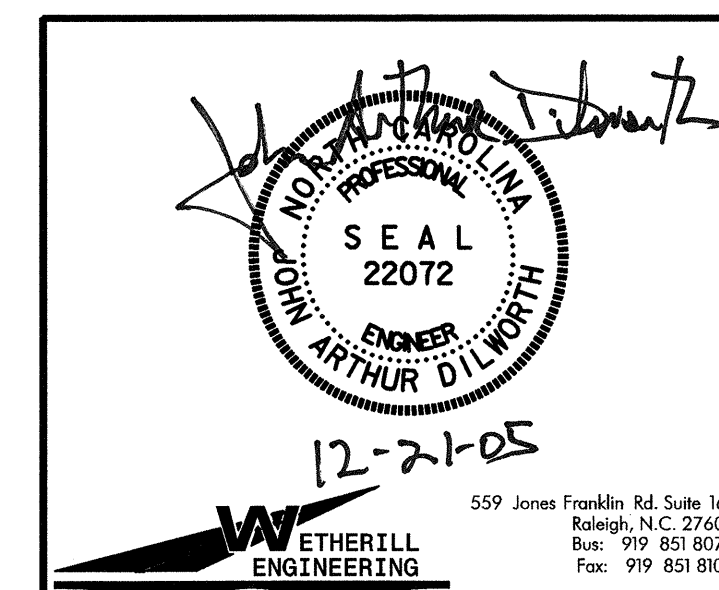
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	16	#9	1	36'-7"	1990
B2	8	#5	STR	32'-5"	270
B3	12	#4	STR	22'-3"	178
B4	16	#4	STR	2'-5"	26
D1	36	#6	STR	1'-6"	81
H1	5	#4	6	6'-4"	21
H2	5	#4	6	6'-6"	22
H3	5	#4	7	6'-3"	21
H4	5	#4	7	6'-1"	20
S1	64	#4	3	7'-5"	317
S2	64	#4	2	3'-2"	135
S3	22	#4	4	6'-6"	96
U1	2	#4	5	8'-2"	11
U2	2	#4	5	7'-0"	9
U3	4	#4	8	4'-8"	12
V1	20	#4	STR	4'-1"	55
V2	20	#4	STR	3'-9"	50

REINFORCING STEEL	=	3314 LBS.
CLASS A CONCRETE		
POUR 1 CAP & LOWER PART OF WINGS		16.8 C.Y.
POUR 2 UPPER PART OF WINGS		1.2 C.Y.
POUR 3 LATERAL GUIDE		0.1 C.Y.
TOTAL		18.1 C.Y.

HP 12 X 53 STEEL PILES NO.=11 (LIN. FT.) 246

WBS. NO. 37017
 WAKE COUNTY
 STATION: 14+04.00 -L-
 REPLACES BRIDGE NO. 133

SHEET 2 OF 2



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STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 END BENT 2

REVISIONS

NO.	BY	DATE	NO.	BY	DATE
1			1		
2			2		

SHEET NO. S-22
 TOTAL SHEETS 23