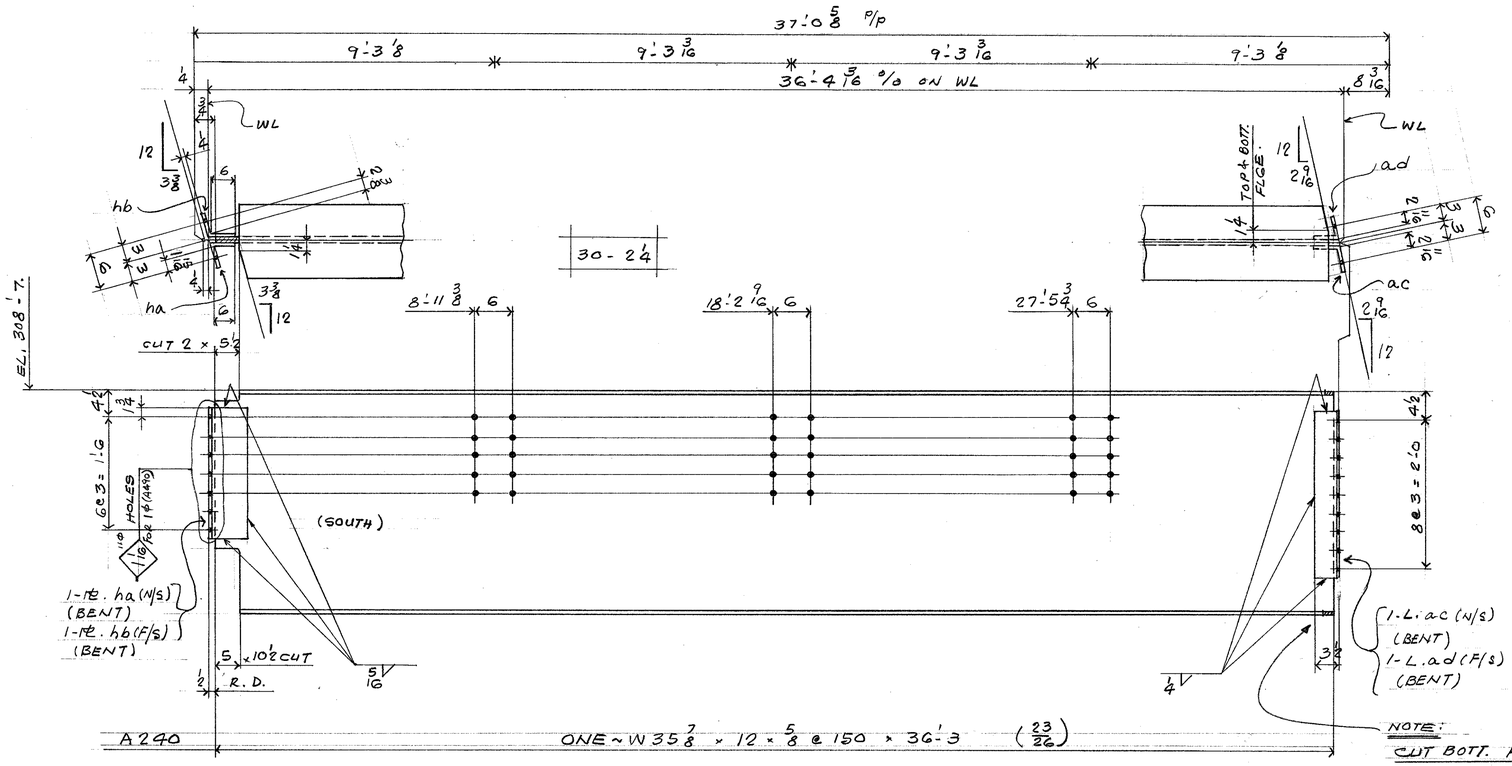
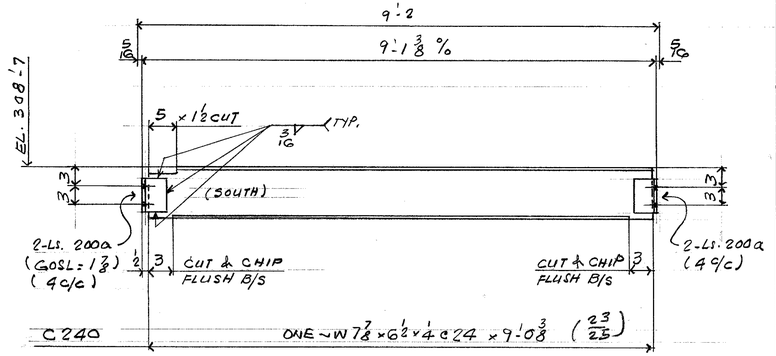
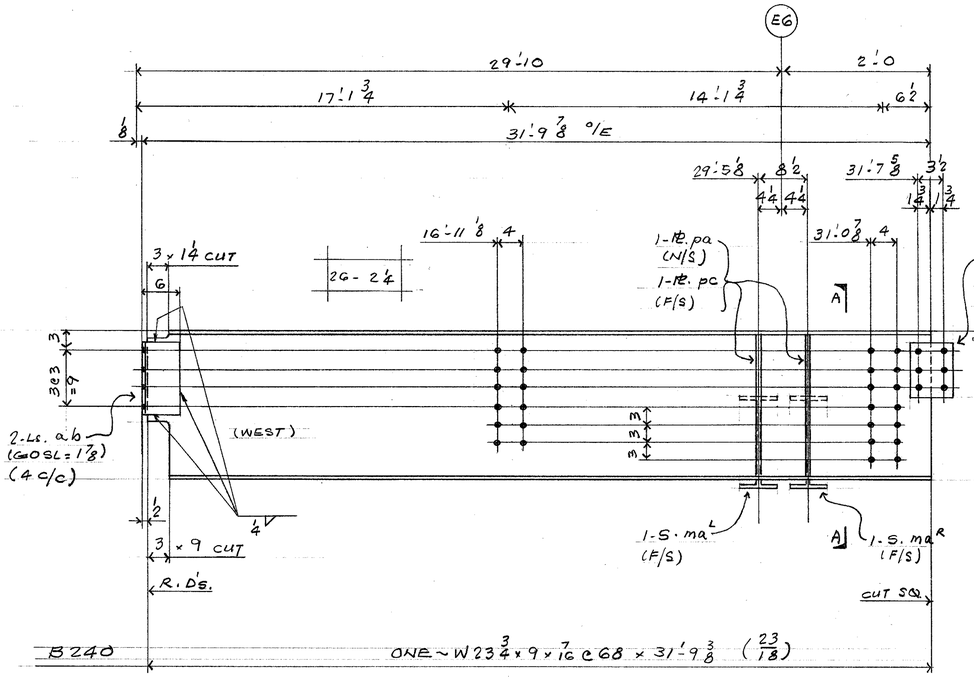


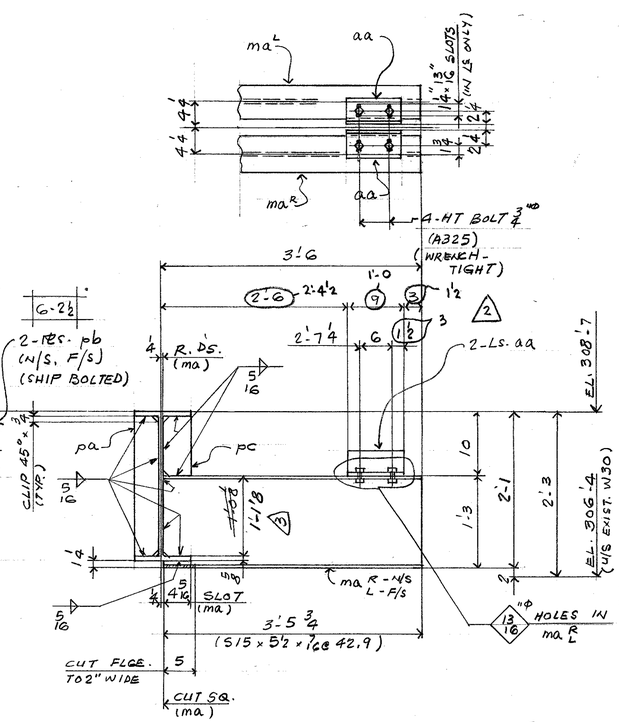


FIELD BOLTS

5Ø - 7/8"ϕ (A325) x 2 1/4

6 - 7/8"ϕ (A325) x 2 1/2





WELD: E70XX

PAINT: NONE

REF. DIAG. E2

BILL OF MATERIAL

LINE	COST	COMMX SHIP DIVN.	PIECE MARKS MAIN MAT'L.	PIECE MARKS DETAIL MAT'L.	NO. OF PIECES	MATERIAL DESCRIPTION PL	WIDTH Inch	WIDTH 16th	X PLATE ONLY	THK. In.	THK. 16th	GRADE CODE	DSOR	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01					F001														
02																			
03				HA	1	PI	9	12	x	0	8	44W		1	9	8			BENT
04				HB	1	PI	10	2	x	0	8	44W		1	9	8			BENT
05																			
06				AC	1	L4	x 3 1/2	x 5/16				44W		2	2	8			BENT
07				AD	1	L4	x 3 1/2	x 5/16				44W		2	8	8			BENT
08																			
09					1	IF	1/4							5	3	0			
10					1	IF	5/16							5	6	0			
11																			
12	0012	A240			1	W	36	x 150				A572 GR 50		36	3	0	2	326	
13																			
14																			
15					F001														
16																			
17				FA	2	PI	4	4	x	0	6	44W		1	10	8			
18				FB	2	PI	6	0	x	0	6	44W		0	9	0			
19				FC	2	PI	4	4	x	0	6	44W		0	9	14			
20																			
21				AA	2	L4	x 4	x 3/8				44W		0	9	0			1'-0 (2)
22				AB	2	L6	x 3 1/2	x 5/16				44W		0	11	8			
23																			
24				MA L	2	315	x 42.9					A36		3	5	12	80	06	C&E
25																			
26			TOTAL											TOTAL					1 OF 2
01					4	HT	BOLT 3/4 x 2 1/2"					325							
02					4	HT	B. WASHER 3/4					325							
03					1	IF	5/8							25	0	0			
04					1	IF	4							4	0	0			
05																			
06	0011	B240			1	W	24	x 68				A572 GR 50		31	9	6	23	18	
07																			
08					F001														
09																			
10				200A	4	L3	x 3	x 5/16				44W		0	5	8			
11																			
12					1	IF	3/16							3	6	0			
13																			
14	0012	C240			1	W8	x 24					A36		9	0	6	23	25	
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26			TOTAL		39									TOTAL			128		2 OF 2

FEB. 19/85 R
Feb. 19/85 (2)
Feb. 11/85 (3)

REV			
1	DATE APP FEB6	BY WAD	SPEC. A572 GR 50 U/N
2	DATE FEB. 18 '85	BY BBG	HOLES 1 1/8"ϕ U/N
3	DATE MAR 28/85	BY FR	FINISH

MADE	DATE	SQUAD	PROJECT: 7 WORLD TRADE CENTER	CONTRACT	DWG.No.
27 ESF	DEC. 84	FR	DETAIL: FIRST FLOOR BEAM	84-15	240
CHK'D. 28 WAD	DATE JAN/85				

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2