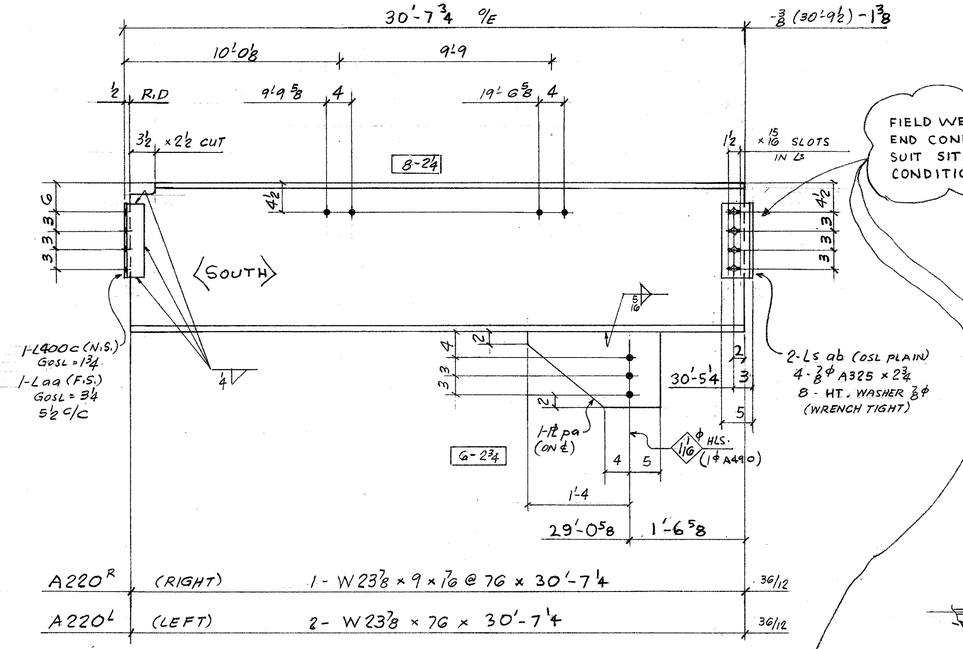
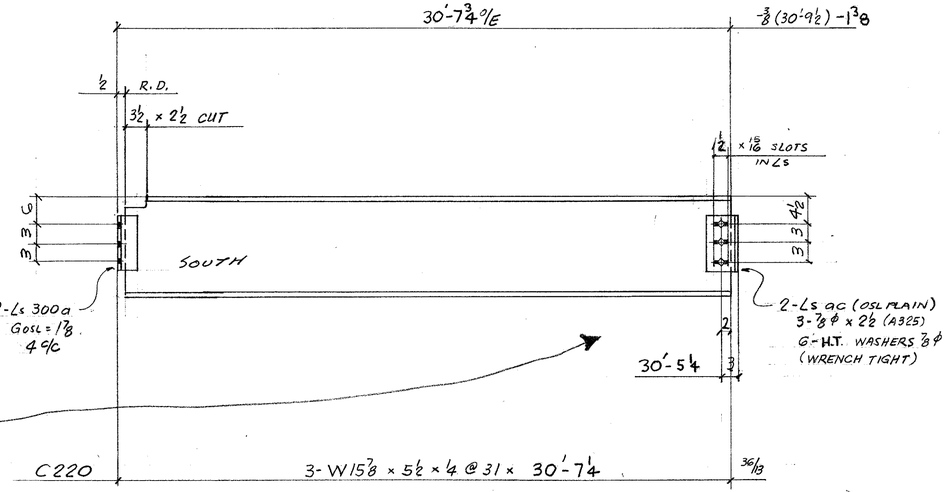
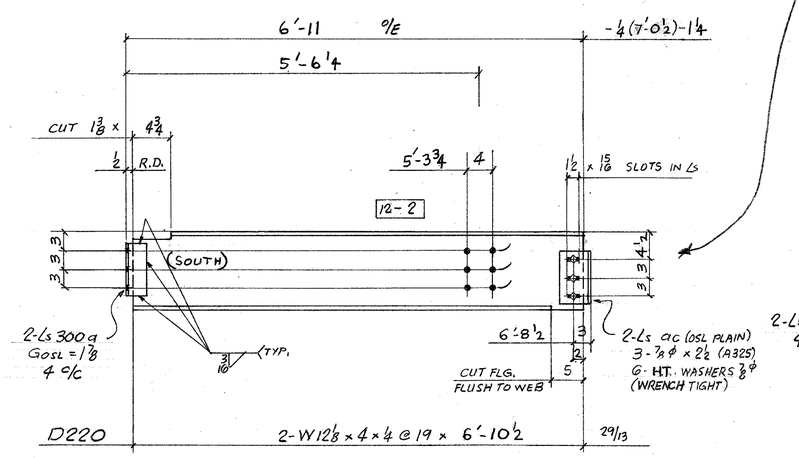
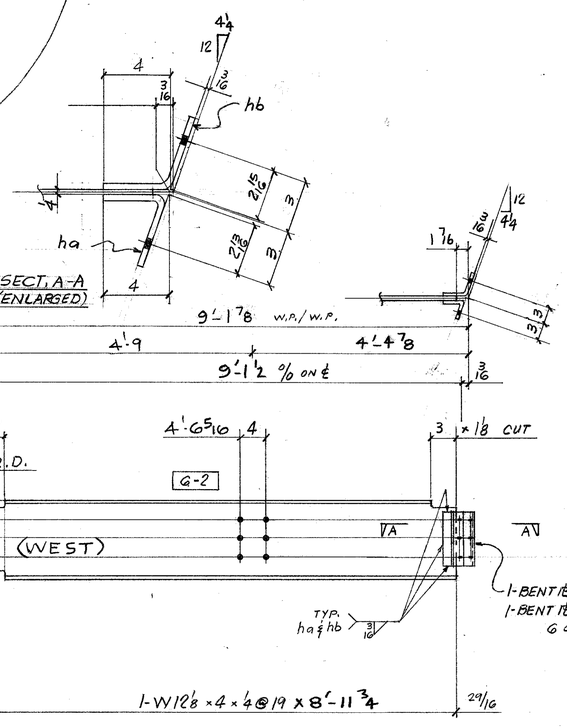
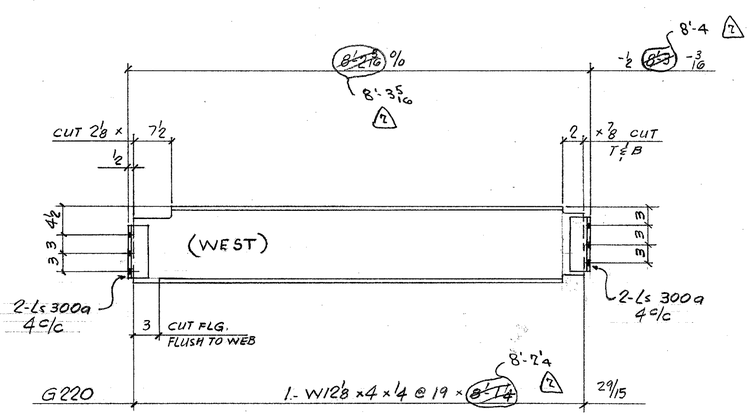


FIELD WELDED END CONN. TO SUIT SITE CONDITION









FIELD BOLTS:
8 - 7/8 ϕ x 2 1/4 (A325)
18 - 7/8 ϕ x 2 (A325)
6 - 1 ϕ x 2 3/4 (A490)
6 - 1 ϕ WASHER

SHOP NOTES:
NO PAINT
WELD - E70XX

ALL DET MAT'L G40.21 44W

REF. E8

BILL OF MATERIAL

LINE	COORD STE	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	DOOR	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01					F003														
02																			
03				PA	3	PL	12	0	x	0	8	44W		1	9	0			
04																			
05																			
06																			
07				300C	3	L	3	x	3	x	5/16	44W		0	11	8			
08				AA	3	L	5	x	3	x	5/16			0	11	8			
09				AB	6	L	5	x	3	x	5/16			0	11	8			
10																			
11					12	HT BOLT 7/8 x 2 3/4						325							
12					12	HT. WASHER 7/8						325							
13					1	IF 5/16								3	6	9			
14					1	IF 1/4								8	3	0			
15																			
16	0002	A220R			1	W	24	x	76			A572GR50		30	7	4	36	12	
17	0002	A220L			1	W	24	x	76			A572GR50		30	7	4	36	12	
18	0001	A220L			1	W	24	x	76			A572GR50		30	7	4	36	13	
19																			
20																			
21					F004														
22																			
23				300A	10	L	3	x	3	x	5/16	44W		0	8	8			
24				AC	4	L	5	x	3	x	5/16			0	8	8			
25				HA	1	PL	7	4	x	0	6			0	8	8			BENT
26			TOTAL			TOTAL													1 OF 2
01				HB	1	PL	7	4	x	0	6	44W		0	8	8			BENT
02					6	HT. BOLT 7/8 x 2 1/2						A325							
03					6	HT. WASHER 7/8													
04																			
05					1	IF 3/16								14	0	0			
06																			
07	0021	D220			2	W	12	x	19			A572GR50		6	10	8	29	13	
08	0021	G220			1									8	1	4	29	15	
09	0021	H220			1									8	11	12	29	16	
10																			
11					F007														
12																			
13				300a	6	L	3	x	3	x	5/16	44W		0	8	8			
14				AC	6	L	5	x	3	x	5/16	44W		0	8	8			
15																			
16					9	HT BOLT 7/8 x 2 1/2						325							
17					9	HT. WASHER 7/8						325							
18																			
19					1	IF 3/16								7	0	0			
20																			
21	0002	C220			1	W	16	x	31			A572GR50		30	7	4	36	13	
22	0001	C220			2	W	16	x	31			A572GR50		30	7	4	36	13	
23																			
24																			
25																			
26			TOTAL		121	TOTAL								205					2 OF 2

FEB 27/85 R
Feb 15/85

REV.	DATE	BY	
1	DATE FEB-2-85 TO APPROVAL	BY WD	
2	DATE FEB 25	BY JM	
3	DATE	BY	

SPEC. A572-GR50 4/W
HOLES 15/16 ϕ U.N.
FINISH

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

MADE 27	DATE	SQUAD
ETP	DEC84	F.R.
CHK'D. 28 WD	DATE JAN/85	

PROJECT: 7 WORLD TRADE CENTER
DETAIL: BEAMS @ 3RD FLR. (ELEV. 334'-0)
CONTRACT 84-15
DWG.No. 220