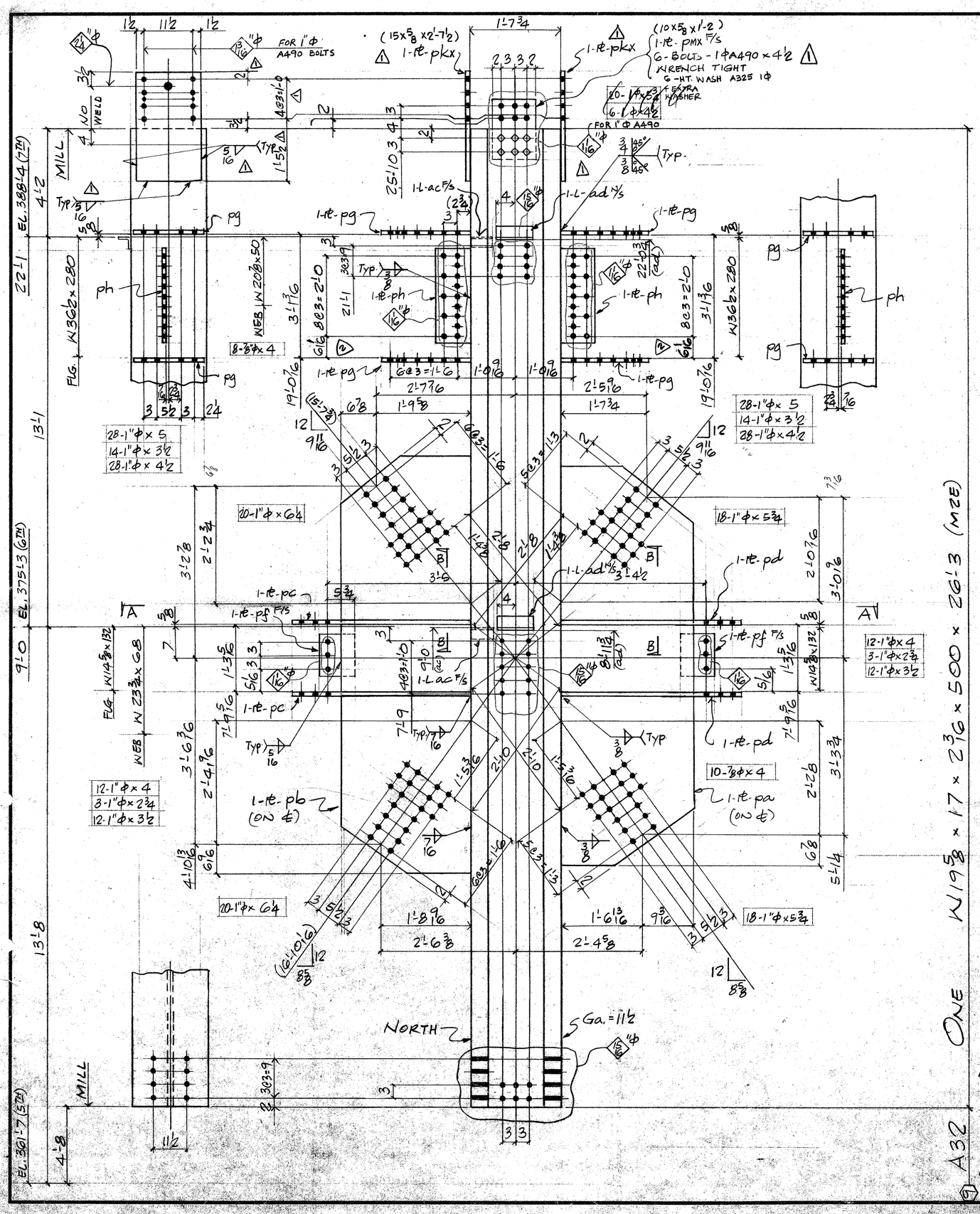
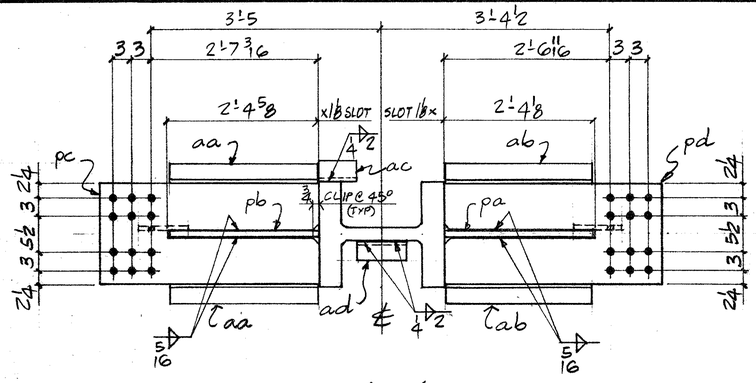
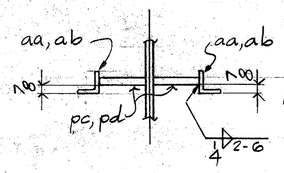






FIELD BOLTS

18 - 7/8℄ A325 x 4

~~6 - 7/8 A325 WASHER~~

6 - 1"℄ A490 x 2 3/4
52 - x 3 1/2
40 - x 6 1/4
24 - x 4
56 - x 4 1/2
56 - x 5
36 - x 5 3/4

270 - 1" A325 WASHERS
ALL 1"℄ BOLTS TO HAVE 2 WASHERS

REF. DWG.: EG, E7, E20
DET. MAT'L: G20.21-44W 4/N
ELECTRODE: E70XX

BILL OF MATERIAL

LINE	COOSDTE	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	DSOH	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01				FDD1															
02																			
03				PA	1	PL	28	0	x	1	0	44W		7	6	6			
04				PB	1		28	8	x	1	0			7	10	8			
05				PC	2		16	0	x	12				3	3	4			
06				PD	2		16	0	x	12				3	2	12			
07				PF	2		7	8	x	8					9	8			
08				PG	4		16	0	x	14				1	10	12			PROP. LE
09				PH	2		7	8	x	10					2	3	8		
10				~~PK~~	~~2~~		~~14~~	~~8~~	~~x~~	~~10~~					~~2~~	~~1~~	~~0~~		
11				PM	1		10	0	x	10					1	1	8		
12																			
13																			
14																			
15																			
16				AA	2	L	3x3x4					44W			2	4	8		
17				AB	2	L	3x3x4								2	4	0		
18				AC	2	L	3x3x4									6	0		
19				AD	2	L	3x3x4									8	0		
20																			
21																			
22					~~6~~	~~HT BOLT 7/8x44~~						~~325~~							
23																			
24																			
25																			
26			TOTAL						TOTAL										
01																			
02					1	IF	1/4							9	4	0			
03					1	IF	5/16							39	8	0			
04					1	IF	3/8							29	7	0			
05					1	IF	9/16							4	0	0			
06					1	GG	3/8							5	4	0			
07					1	GG	3/4							5	4	0			
08					1	IF	7/16							21	1	0			
09																			
10																			
11	0717	A32			1	W	14	x500				A36		26	3	0	97	M2E	COL
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26			TOTAL	40					TOTAL	168									

1"℄A490 BOLTS

Appr 12/85 R
Appr 16/85 R
Appr 10/85

REV	DATE	BY	FINISH
1	APR 16, 85	JN	SPEC. A36 4/N
2	APR 17/85	BF	HOLES 1 3/16℄ 4/N
3	DATE	BY	FINISH

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

MADE 27	PBG	DATE DEC 84	SQUAD
CHK'D 28	AS	DATE Apr 85	FR

PROJECT: 7 WORLD TRADE CENTER
DETAIL: COLUMN (9) (4TH TIER)
CONTRACT: 84-15
DWG.NO: 32