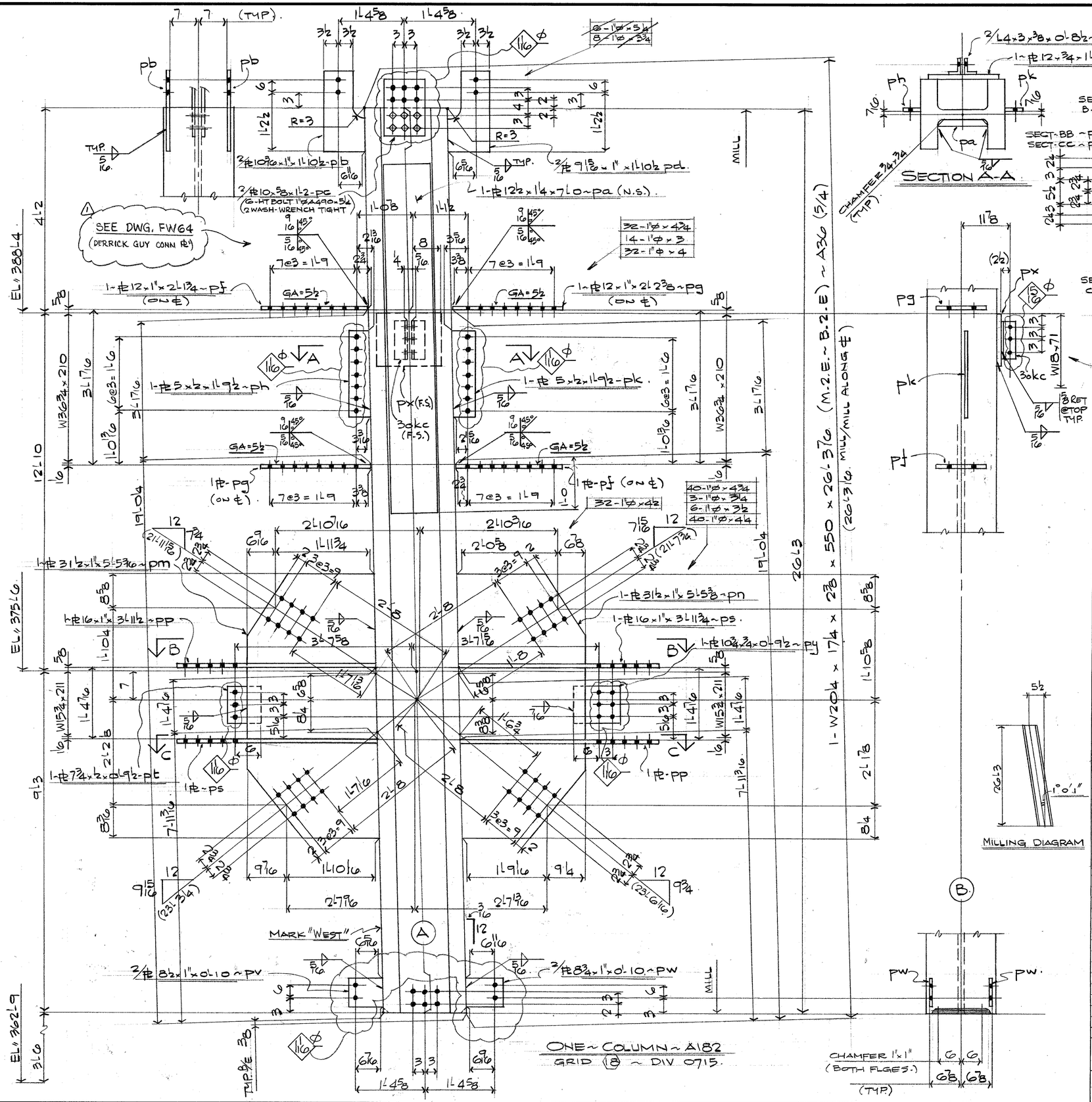
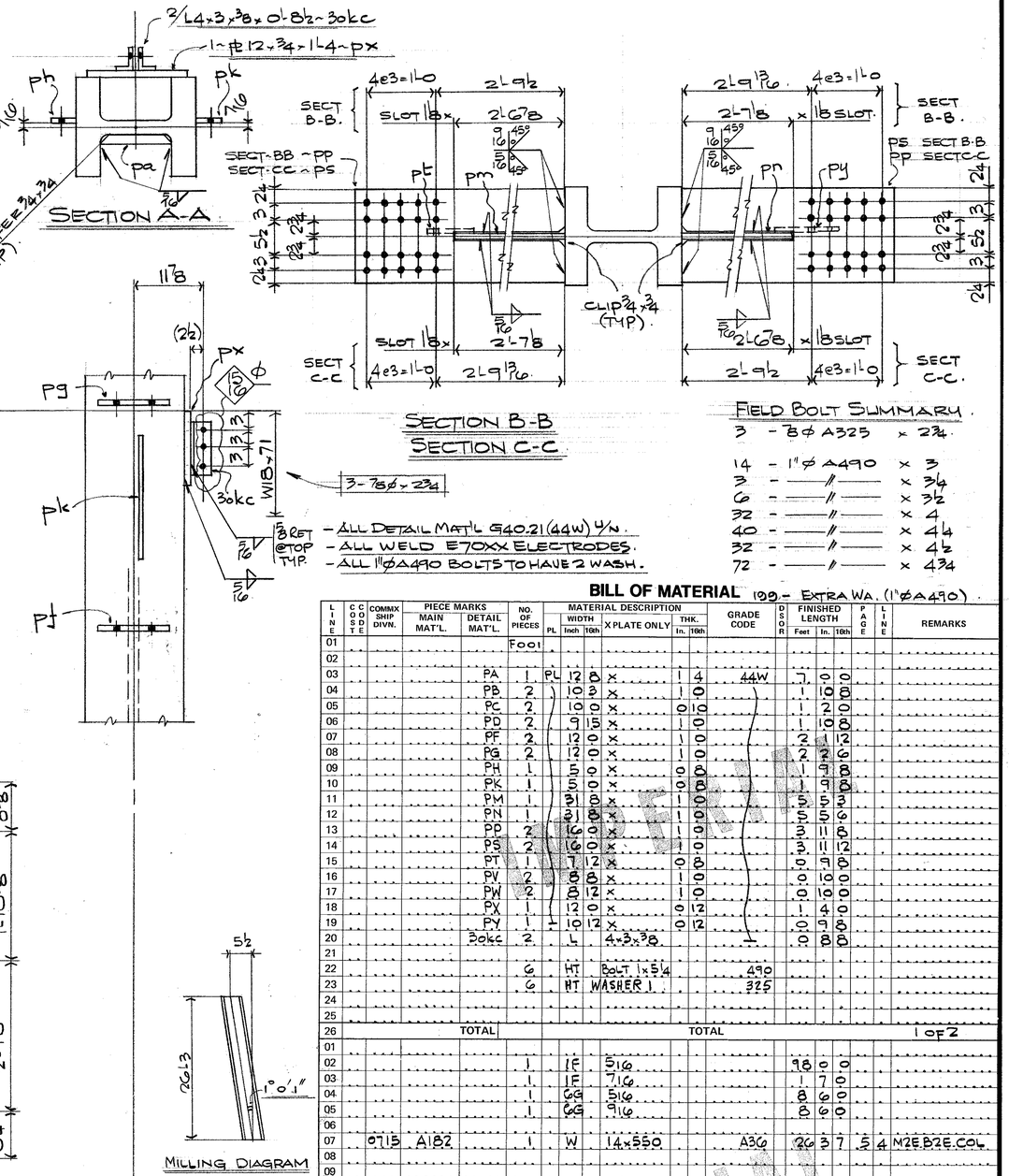




- ALL DETAIL MAT'L G40.21(44W) U/N.
- ALL WELD E70XX ELECTRODES.
- ALL 1"ΦA490 BOLTS TO HAVE 2 WASH.

FIELD BOLT SUMMARY.

3 - 8Φ A325 x 2 3/4.

14 - 1"Φ A490 x 3
3 - 〃 x 3 1/4
6 - 〃 x 3 1/2
32 - 〃 x 4
40 - 〃 x 4 1/4
32 - 〃 x 4 1/2
72 - 〃 x 4 3/4

BILL OF MATERIAL 199 - EXTRA WA. (1"ΦA490).

LINE	CC OOSDTE	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					Fool														
02																			
03				PA	1	PL	12	0	x	1	4	44W		1	10	0			
04				PB	2		10	3	x	1	0			1	10	0			
05				PC	2		10	0	x	0	10			1	2	0			
06				PD	2		9	15	x	1	0			1	10	0			
07				PF	2		12	0	x	1	0			2	1	12			
08				PG	2		12	0	x	1	0			2	2	6			
09				PH	1		5	0	x	0	8			1	4	8			
10				PK	1		5	0	x	0	8			1	5	8			
11				PM	1		5 1/2	0	x	0	8			1	5	8			
12				PN	1		5 1/2	0	x	0	8			1	5	8			
13				PP	2		16	0	x	1	0			3	11	12			
14				PS	2		16	0	x	1	0			3	11	12			
15				PT	1		7	12	x	0	8			0	9	8			
16				PV	2		8	8	x	0	8			0	10	0			
17				PW	2		8	12	x	1	0			0	10	0			
18				PX	1		12	0	x	0	12			1	4	0			
19				PY	1		10	12	x	0	12			0	9	8			
20			30kc		2		L		4x3x3/8					0	8	0			
21																			
22					6	HT	BOLT 1x5 1/4					490							
23					6	HT	WASHER 1					325							
24																			
25																			
26			TOTAL											TOTAL			1 OF 2		
01																			
02					1		1F		5/16					98	0	0			
03					1		1E		7/16					1	7	0			
04					1		GG		5/16					8	6	0			
05					1		GG		9/16					8	6	0			
06																			
07	0715	A182			1		W		14x550			A36		26	3	7	5	4	M2E.B2E.COL
08																			
09																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26			TOTAL		46									TOTAL			174		2 OF 2

mar 8/85

FIELD BOLTS 1"ΦA490 BOLTS

R E V.			
1	DATE MAY 17 85	BY JEB	
2	DATE	BY	
3	DATE	BY	

SPEC. A36 U/N.
HOLES 31/16Φ U/N.
FINISH —

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

MADE	DATE	SQUAD
27. JS	MAR85.	FR
CHK'D. 28. ME	DATE MAR85	

PROJECT: 7 WORLD TRADE CENTRE
DETAIL: COL (B) - (4TH. LIFT).
CONTRACT 84-15
DWG.No. 182

IMPERIAL