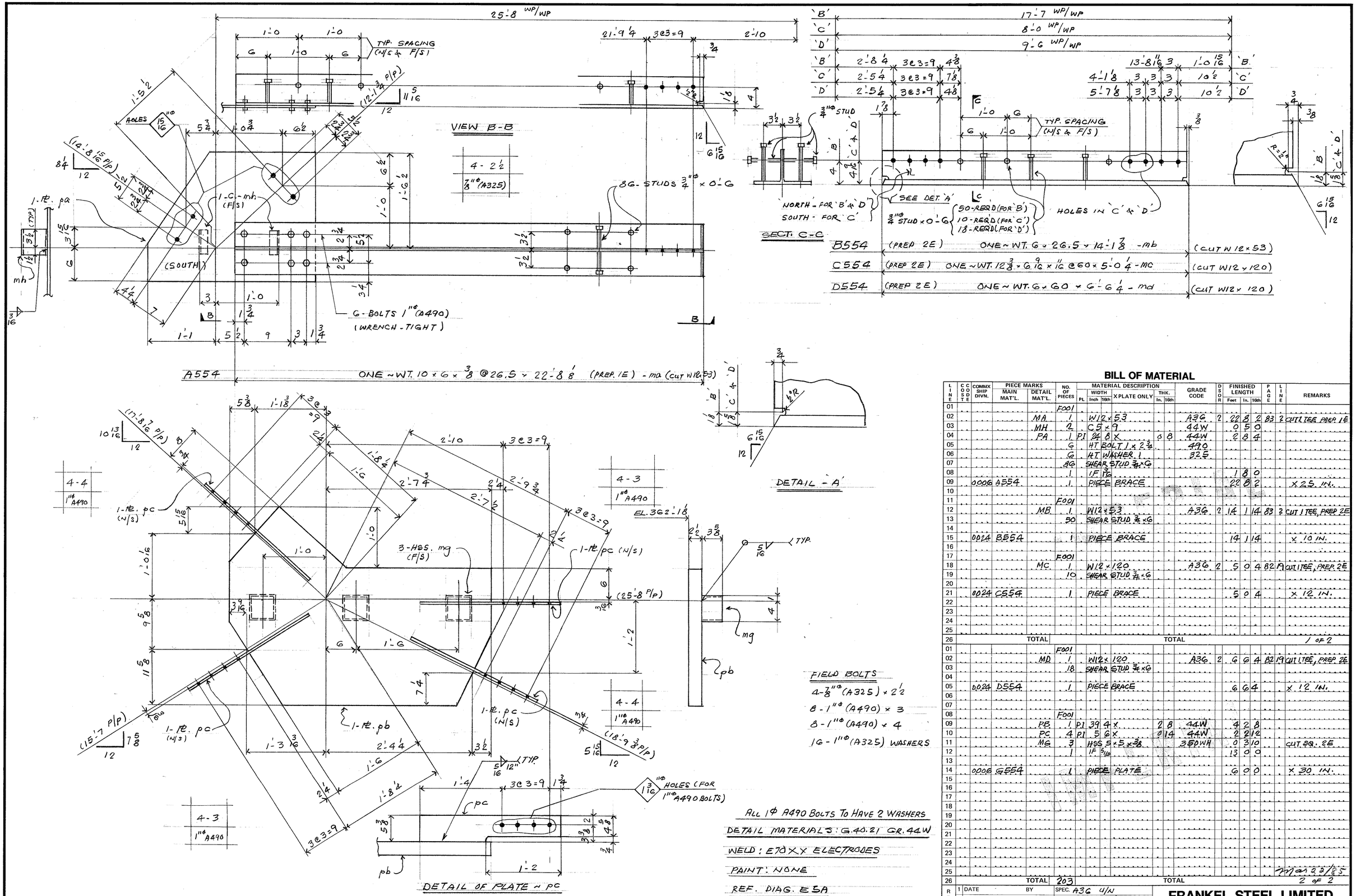


FIELD BOLTS

4-7/8"ø(A325) x 2 1/2

8-1"ø(A490) x 3

8-1"ø(A490) x 4

16-1"ø(A325) WASHERS

ALL 1ø A490 BOLTS TO HAVE 2 WASHERS

DETAIL MATERIALS: G.40.21 GR.44W

WELD: E70XX ELECTRODES

PAINT: NONE

REF. DIAG. E5A

BILL OF MATERIAL

LINE	COORD	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					F001														
02				MA	1		W12 x 53					A36	2	22	8	2	83	2	CUT TEE PREP 1E
03				MH	2		C5 x 9					44W		0	5	0			
04				PA	1	P1	24	8	X		8	44W		2	8	4			
05				G			HT BOLT 1 x 2 3/4					490							
06				G			HT WASHER 1					325							
07				AG			SHEAR STUD 3/4 x 6												
08					1		1F 5/16									1	8	0	
09		0006	A554		1		PIECE BRACE									22	8	2	X 25. IN.
10																			
11					F001														
12				MB	1		W12 x 53					A36	2	14	1	14	83	3	CUT I TEE, PREP 2E
13					50		SHEAR STUD 3/4 x 6												
14																			
15		0024	B554		1		PIECE BRACE									14	1	4	X 10 IN.
16																			
17					F001														
18				MC	1		W12 x 120					A36	2	5	0	4	82	1	CUT TEE, PREP 2E
19					10		SHEAR STUD 3/4 x 6												
20																			
21		0024	C554		1		PIECE BRACE									5	0	4	X 12 IN.
22																			
23																			
24																			
25																			
26			TOTAL				TOTAL												1 OF 2
01					F001														
02				MD	1		W12 x 120					A36	2	6	6	4	82	19	CUT TEE, PREP 2E
03					18		SHEAR STUD 3/4 x 6												
04																			
05		0024	D554		1		PIECE BRACE									6	6	4	X 12 IN.
06																			
07																			
08					F001														
09				PB	1	P1	39	4	X	2	8	44W		4	2	8			
10				PC	4	P1	5	6	X	1	4	44W		2	2	12			
11				MG	3		HSS 5 x 5 x 3/8					350WH		0	3	10			
12					1		1F 5/16							13	0	0			CUT SQ. 2E
13																			
14		0006	G554		1		PIECE PLATE							6	0	0			X 30. IN.
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			MAR 25/85
26			TOTAL		203		TOTAL												2 OF 2

REV.			
R E V.	1	DATE	BY
	2	DATE	BY
	3	DATE	BY

SPEC. A36 U/N
HOLES 1/16"ø U/N
FINISH

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

MADE		DATE	SQUAD
27	EJF	MAR '85	FR.
CHK'D. 28	BJB	DATE ✓	

PROJECT: 7 WORLD TRADE CENTER
DETAIL: HOR. BRACE & MISC. PL (5TH FLR)

CONTRACT 84-15 | DWG.No. 554