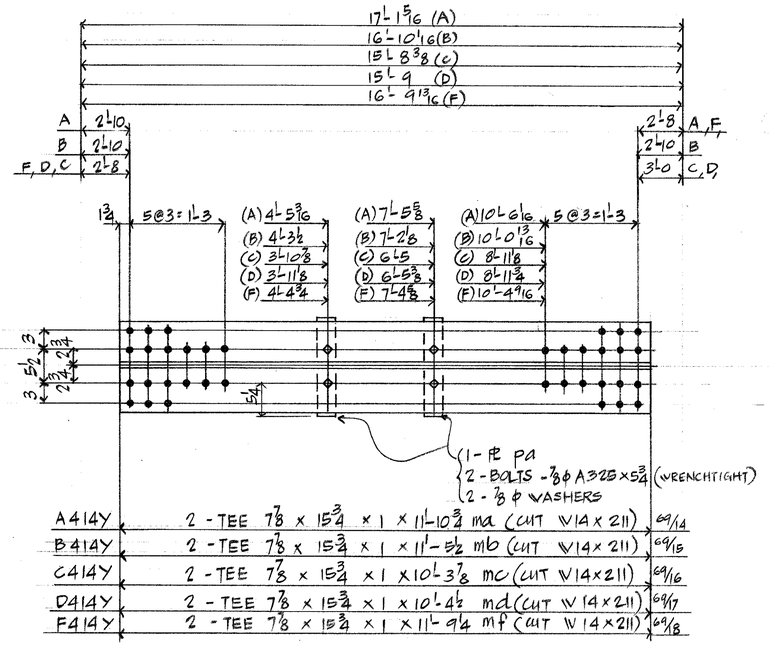
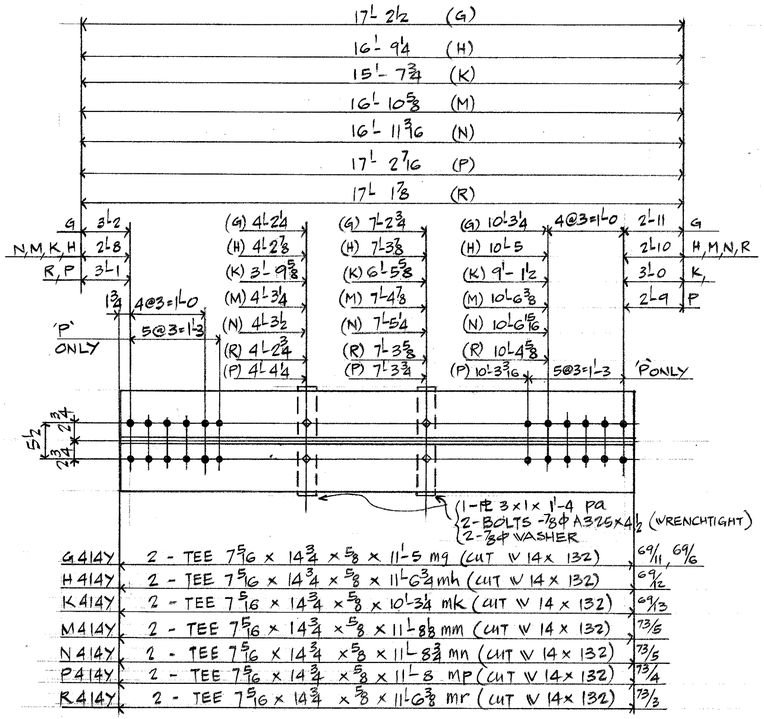
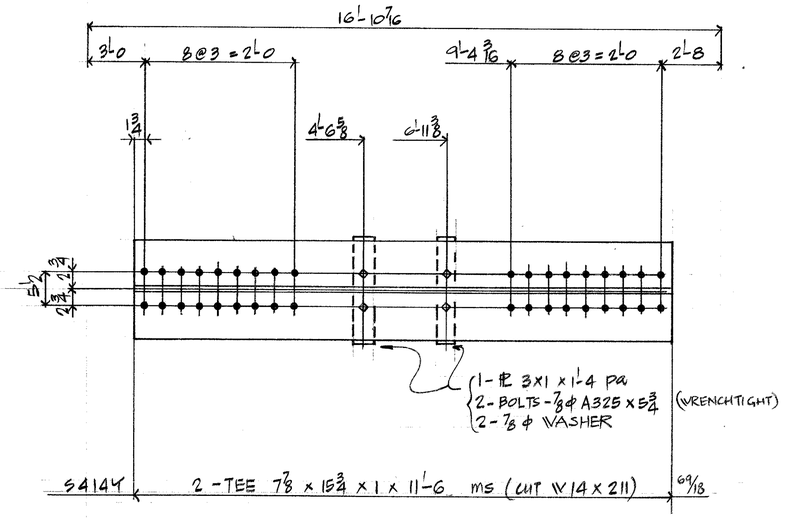


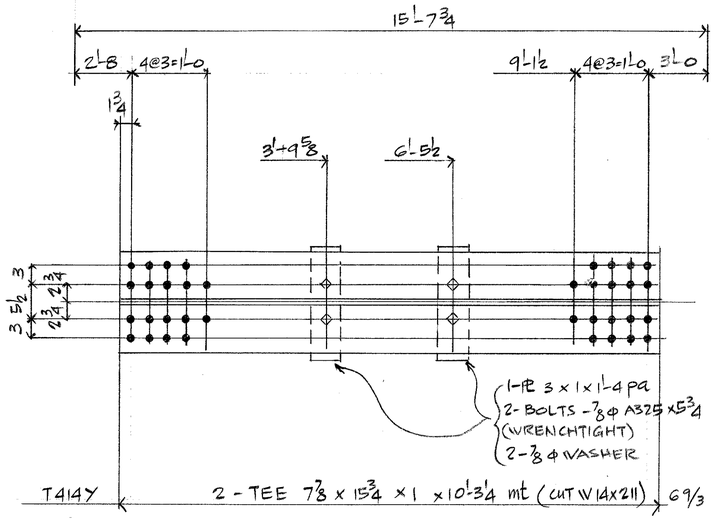
ONE - PIECE - A414Y
ONE - PIECE - B414Y
ONE - PIECE - C414Y
ONE - PIECE - D414Y
ONE - PIECE - F414Y



2-PIECES - G414Y
ONE - PIECE - H414Y
DIV.716 ONE - PIECE - K414Y
ONE - PIECE - M414Y (DIV.716)
ONE - PIECE - N414Y (DIV.716)
ONE - PIECE - P414Y (DIV. 43)
ONE - PIECE - R414Y (DIV.43)



ONE - PIECE - S414Y DIV. 43



ONE - PIECE T414Y DIV. 717

(Approver Note - see latest E120 west elev. near col. (11)
1

BILL OF MATERIAL

LINE	CODE	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	DSGR	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01					F001														
02				PA	2	PI	3	0	X	1	0	44W		1	4	0			
03					4	HT	BOLT 7/8 X 5 3/4					325							
04					4	HT	WASHER 7/8					325							
05																			
06			MA		1	W	14	211				A36		11	10	12	69	14	CUT 2 TEES
07		0043	A414Y		1	PIECE BRACE								11	10	12			X 16 3/4
08					F001														
09				PA	2	PI	3	0	X	1	0	44W		1	4	0			
10					4	HT	BOLT 7/8 X 5 3/4					325							
11					4	HT	WASHER 7/8					325							
12																			
13			MB		1	W	14	211				A36		11	5	8	69	15	CUT 2 TEES
14		0716	B414Y		1	PIECE BRACE								11	5	8			X 16 3/4
15					F001														
16				PA	2	PI	3	0	X	1	0	44W		1	4	0			
17					4	HT	BOLT 7/8 X 5 3/4					325							
18					4	HT	WASHER 7/8					325							
19																			
20			MC		1	W	14	211				A36		10	3	14	69	16	CUT 2 TEES
21		0716	C414Y		1	PIECE BRACE								10	3	14			X 16 3/4
22					F001														
23				PA	2	PI	3	0	X	1	0	44W		1	4	0			
24					4	HT	BOLT 7/8 X 5 3/4					325							
25					4	WASHER 7/8													
26			TOTAL			TOTAL											1 OF 4		
01				MD	1	W	14	211				A36		10	4	8	69	17	CUT 2 TEES
02		0716	D414Y		1	PIECE BRACE								10	4	8			X 16 3/4
03					F001														
04				PA	2	PI	3	0	X	1	0	44W		1	4	0			
05					4	HT	BOLT 7/8 X 5 3/4					325							
06					4	HT	WASHER 7/8					325							
07				ME	1	W	14	211				A36		11	9	4	69	18	CUT 2 TEES
08		0043	F414Y		1	PIECE BRACE								11	9	4			X 16 3/4
09					F002														
10				PA	4	PI	3	0	X	1	0	44W		1	4	0			
11					8	HT	BOLT 7/8 X 4 1/2					325							
12					8	HT	WASHER 7/8					325							
13				MG	1	W	14	132				A36		11	5	0	69	6	CUT 2 TEES
14				MG	1	W	14	132				A36		11	5	0	69	11	CUT 2 TEES
15		0020	G414Y		1	PIECE BRACE								11	5	0			X 15 5/8
16		0022	G414Y		1	PIECE BRACE								11	5	0			X 15 5/8
17					F001														
18				PA	2	PI	3	0	X	1	0	44W		1	4	0			
19					4	HT	BOLT 7/8 ϕ X 4 1/2					325							
20					4	HT	WASHER 7/8					325							
21																			
22				MH	1	W	14	132				A36		11	6	12	69	12	CUT 2 TEES
23		0043	H414Y		1	PIECE BRACE								11	6	12			X 15 5/8
24																			
25																			
26			TOTAL			TOTAL											2 OF 4		

Apr 15/85

REV.					
1	DATE MAY DATE May 2	BY JM	SPEC.	A36 G/N	
2	DATE	BY	HOLES	1"G ϕ	
3	DATE	BY	FINISH		

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

MADE	DATE	SQUAD	PROJECT	CONTRACT	DWG.No.
27 I-J	FEB '85	F.R.	7 WORLD TRADE CENTER	84-15	414
CHK'D. 28 JDP	DATE APRIL 85		DETAIL: VERTICAL BRACES (WEST ELEV.)		