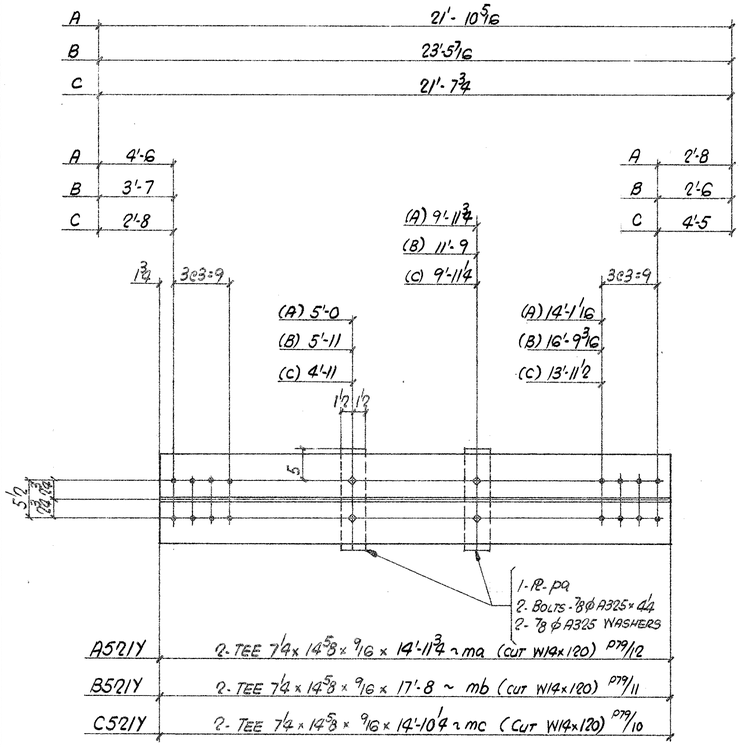
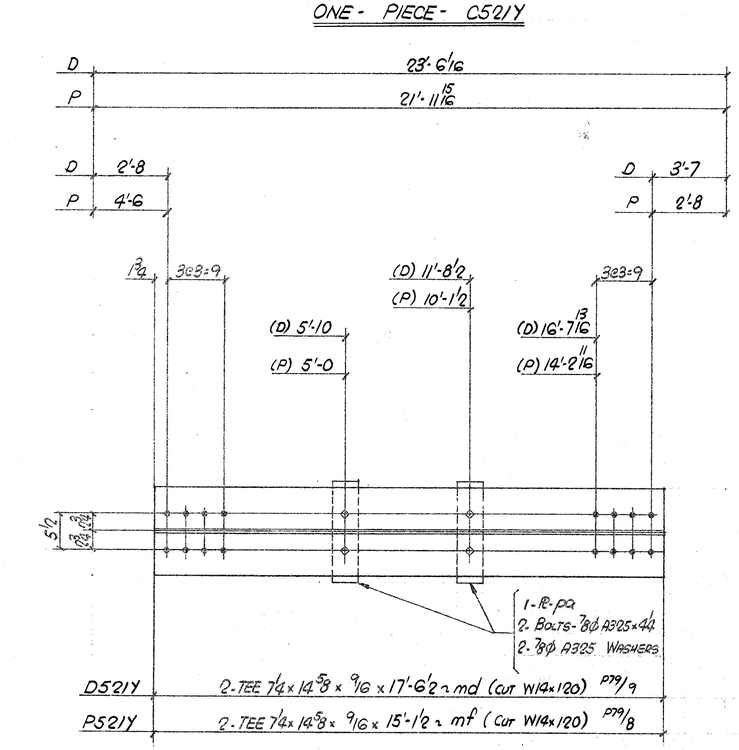
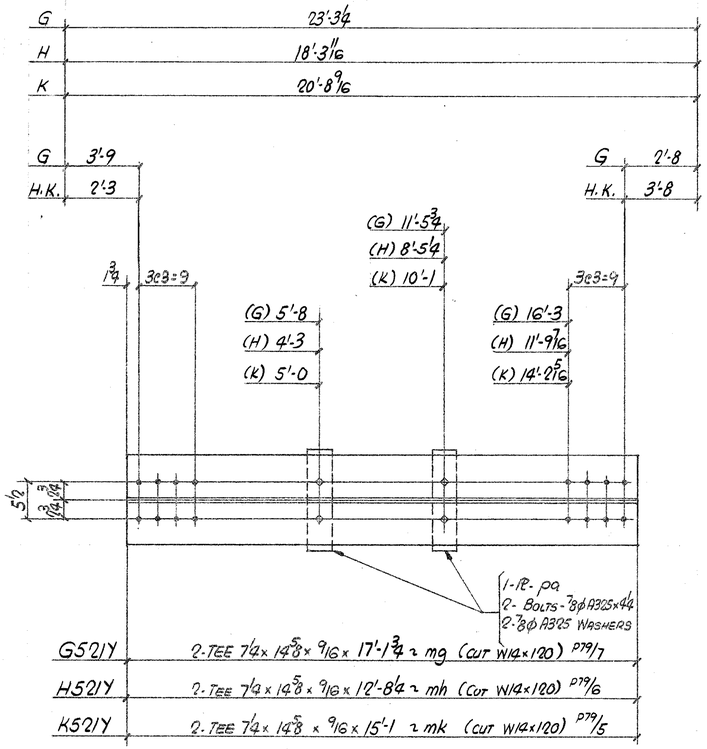


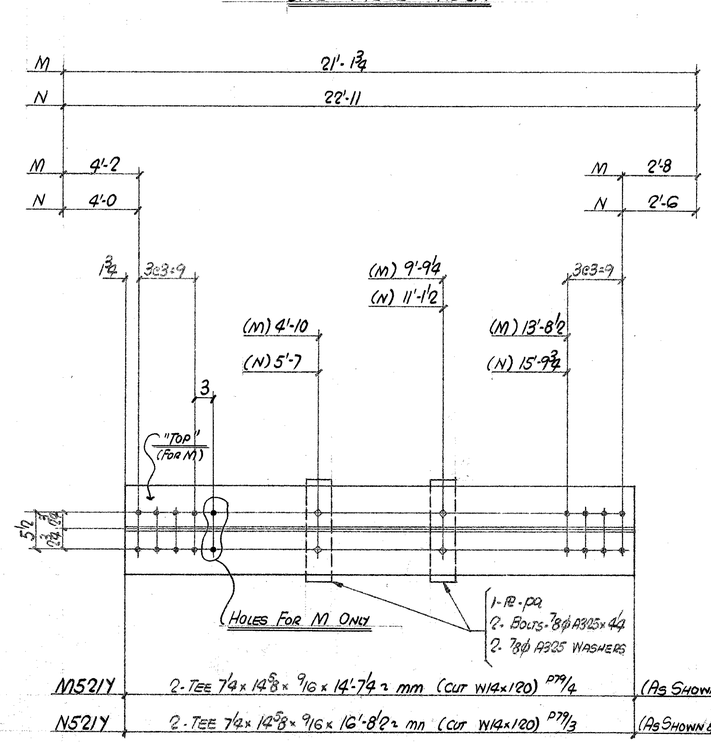
ONE - PIECE - A521Y
ONE - PIECE - B521Y
ONE - PIECE - C521Y



ONE - PIECE - D521Y
ONE - PIECE - P521Y



ONE - PIECE - G521Y
ONE - PIECE - H521Y
ONE - PIECE - K521Y



ONE - PIECE - M521Y
ONE - PIECE - N521Y

DETAIL MATERIAL G40.21 (44W)
REF. DIAG. E119.974

BILL OF MATERIAL

LINE	COST	COMMX SHIP DWN.	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	DSGN	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01					F001															
02				PA	2	PL	3	0	X		1	0	44W		1	3	8			
03					4	HT BOLT 7/8 x 4 1/4							325							
04					4	HT WASHER 7/8							325							
05				MA	1	W 14 x 120							A36		14	11	12	79	12	CUT 2 TEES
06																				
07		07/3	A521Y		1	PIECE - BRACE									14	11	12			x 15'2
08																				
09					F001															
10				PA	2	PL	3	0	X		1	0	44W		1	3	8			
11					4	HT BOLT 7/8 x 4 1/4							325							
12					4	HT WASHER 7/8							325							
13				MB	1	W 14 x 120							A36		17	8	0	79	11	CUT 2 TEES
14																				
15		07/3	B521Y		1	PIECE - BRACE									17	8	0			x 15'2
16																				
17					F001															
18				PA	2	PL	3	0	X		1	0	44W		1	3	8			
19					4	HT BOLT 7/8 x 4 1/4							325							
20					4	HT WASHER 7/8							325							
21				MC	1	W 14 x 120							A36		14	10	4	79	10	CUT 2 TEES
22																				
23		07/2	C521Y		1	PIECE - BRACE									14	10	4			x 15'2
24																				
25																				
26		TOTAL				TOTAL														1 OF 4
01					F001															
02				PA	2	PL	3	0	X		1	0	44W		1	3	8			
03					4	HT BOLT 7/8 x 4 1/4							325							
04					4	HT WASHER 7/8							325							
05				MD	1	W 14 x 120							A36		17	6	8	79	9	CUT 2 TEES
06																				
07		07/2	D521Y		1	PIECE - BRACE									17	6	8			x 15'2
08																				
09					F001															
10				PA	2	PL	3	0	X		1	0	44W		1	3	8			
11					4	HT BOLT 7/8 x 4 1/4							325							
12					4	HT WASHER 7/8							325							
13				MF	1	W 14 x 120							A36		15	1	8	79	8	CUT 2 TEES
14																				
15		07/5	P521Y		1	PIECE - BRACE									15	1	8			x 15'2
16																				
17					F001															
18				PA	2	PL	3	0	X		1	0	44W		1	3	8			
19					4	HT BOLT 7/8 x 4 1/4							325							
20					4	HT WASHER 7/8							325							
21				MG	1	W 14 x 120							A36		17	1	12	79	7	CUT 2 TEES
22																				
23		07/5	G521Y		1	PIECE - BRACE									17	1	12			x 15'2
24																				
25																				
26		TOTAL				TOTAL														2 OF 4

Apr 27/85

REV.				
R	1	DATE	BY	SPEC. A36 4/M
E	2	DATE	BY	HOLES 1/16 ϕ
V.	3	DATE	BY	FINISH

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

MADE	DATE	SQUAD	PROJECT	CONTRACT	DWG.No.
27 ELNEBOLIA	APR '85	F.R.	7 WORLD TRADE CENTER	84-15	521
CHK'D. 28 ACS	DATE APR '85		DETAIL: VERTICAL BRACES - SOUTH ELEV		