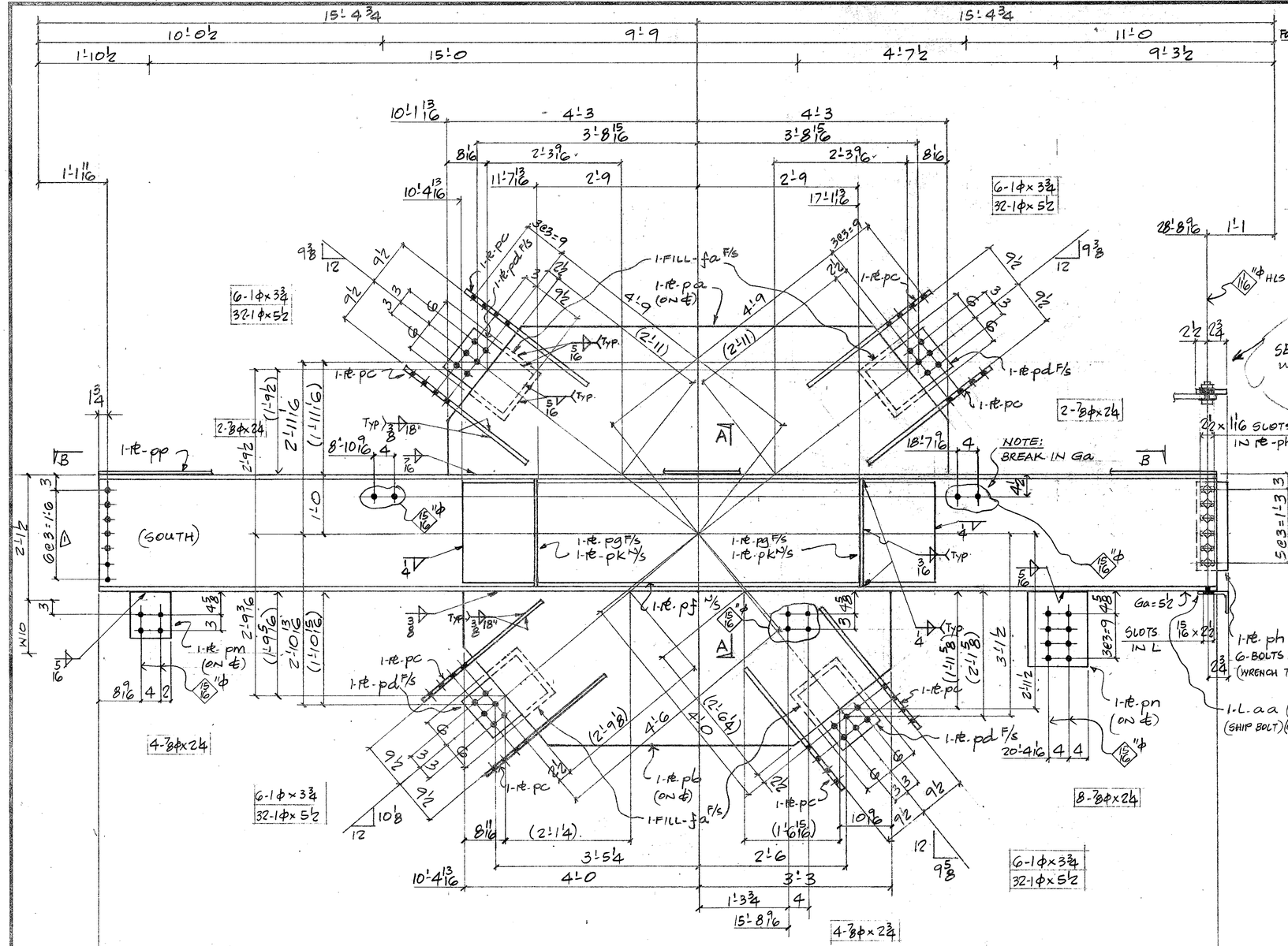
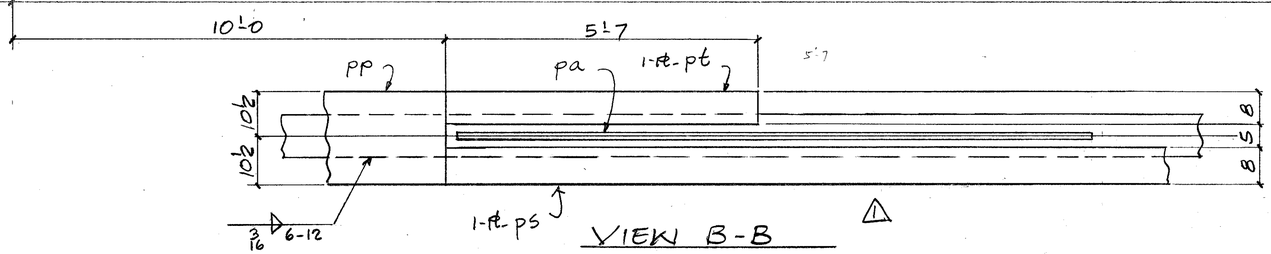


BILL OF MATERIAL

LINE	COORDINATE	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				FD01															
02																			
03				PA	1	PL	30	0	x	1	0	44W		8	6	0			
04				PB	1	PL	32	0	x	1	0			7	3	0			
05				PC	8	PL	16	0	x	1	4			2	7	8			
06				PD	4	PL	10	0	x		8			1	2	8			
07				PF	1	PL	21	8	x		8			8	0	0			PREP 2E
08				PG	2	PL	4	4	x		8			1	10	6			
09				PH	1	PL	5	4	x		12			1	6	0			
10				FA	4	PL	8	0	x		8			1	0	0			
11				PK	2	PL	3	12	x		8	44W		1	10	6			
12					6	HT	BOLT 1 x 2 3/4					490							
13					6	HT	WASHER 1					325							
14				AA	1	L	6	x	4 x 3/8			44W			8	8			
15				PM	1	PL	8	0	x		8				9	14			
16				PN	1	PL	12	0	x		8	44W		1	3	4			
17				PP	1	PL	21	0	x		4	44W		10	0	0			
18				PS	1	PL	8	0	x		4			18	0	4			
19				PT	1	PL	8	0	x		4	44W		5	7	0			
20																			
21																			
22																			
23																			
24																			
25																			
26	TOTAL						TOTAL												1 OF 2
01																			
02					1	1F	3/16							51	0	0			
03					1	1F	1/4							8	9	0			
04					1	1F	5/16							21	4	0			
05					1	1F	3/8							62	6	0			
06					1	1F	7/16							17	0	0			
07					1	46	9/8							16	0	0			
08																			
09																			
10																			
11																			
12																			
13																			
14	0001	A419			1	W24x76						A36		28	10	4	2	7	5
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26	TOTAL				50		TOTAL							267					2 OF 2

MARCH 7/85 SR
FEB 21/85

A419 ONE - W 23 7/8 x 9 x 7/16 x 76 x 28'-10 1/4 (A36)



FIELD BOLTS.
16 - 7/8φA325 x 2 1/4
4 - 7/8φA325 x 2 3/4
24 - 1φA490 x 3 3/4
128 - 1φA490 x 5 1/2

152 - 1 A325 WASHER.

ALL 1"φA490 BOLTS TO HAVE 2 WASHERS.
DET. MAT'L: G40.21 GR. 44W
ELECTRODE: E70XX
REF. DIAG. E2 E121

REV.	DATE	BY		
1	1 MAR 85	PBG	SPEC.	A36 4/N
2	DATE	BY	HOLES	1 1/16"φ 4/N
3	DATE	BY	FINISH	

MADE 27 PBG DATE FEB 85 SQUAD F.R.
CHK'D. 28 AS. DATE FEB 85.

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

PROJECT: 7 WORLD TRADE CENTER
DETAIL: WIND GIRDER (2 ND FLOOR)
CONTRACT 84-15
DWG.No. 419

HART { A419 — DIV. 0002 NOT 17