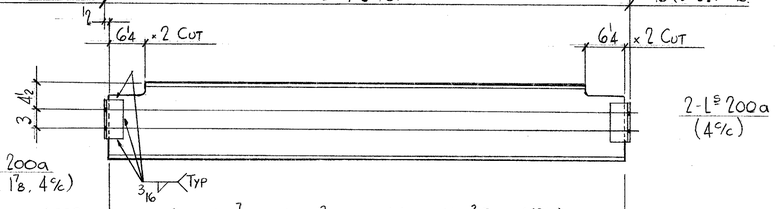
A322, H322 — 8'-11 3/4 %. — -5/16 (9'-0 3/8") -5/16

B322, K322 — 8'-1 3/8 % — -5/16 (8'-7) -5/16

C322, M322 — 9'-0 3/4 % — -5/16 (9'-1 3/8) -5/16

D322 — 9'-0 3/8 % — -5/16 (9'-1) -5/16

AG322, G322 — 9'-1 7/8 %. — -5/16 (9'-2 1/2) -5/16



A322 — 2 - W11 7/8 x 4 x 3/16 @ 14 x 8'-10 3/8 E/E (49/17)

B322 — One - W11 7/8 x 4 x 3/16 @ 14 x 8'-0 1/2 E/E (49/17)

C322 — One - W11 7/8 x 4 x 3/16 @ 14 x 8'-11 3/4 E/E (49/17)

D322 — 2 - W11 7/8 x 4 x 3/16 @ 14 x 8'-11 1/2 E/E (49/17)

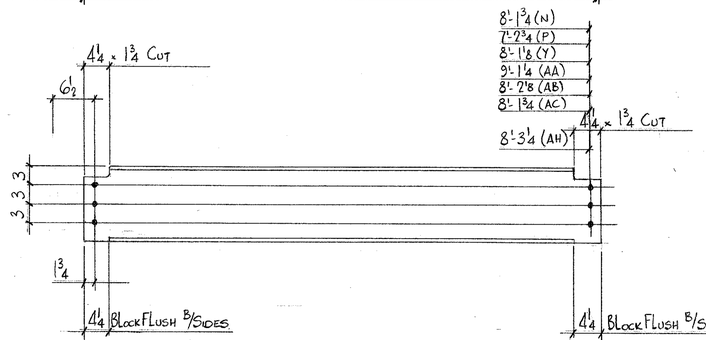
G322 — 2 - W11 7/8 x 4 x 3/16 @ 14 x 9'-1 E/E (49/17)

H322 — One - W12 3/8 x 6 1/2 x 1/4 @ 30 x 8'-10 3/4 E/E. (49/20)

K322 — One - W12 3/8 x 6 1/2 x 1/4 @ 30 x 8'-0 1/2 E/E (49/20)

M322 — One - W12 3/8 x 6 1/2 x 1/4 @ 30 x 8'-11 3/4 E/E. (49/20)

(DIW-0713) AG322 — One - W12 3/8 x 6 1/2 x 1/4 @ 30 x 9'-1 E/E (49/20)



N322X — 4 - W12 3/8 x 6 1/2 x 1/4 @ 30 x 8'-3 1/2 E/E (49/20) — -4 3/4 (9'-1) -4 3/4

P322X — 2 - W11 7/8 x 4 x 3/16 @ 14 x 7'-4 1/2 E/E (49/17) — -4 3/4 (8'-2) -4 3/4

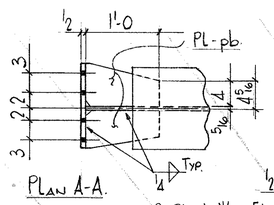
(DIW-0713) Y322X — One - W11 7/8 x 4 x 3/16 @ 14 x 8'-2 7/8 E/E (49/17) — -4 3/4 (9'-0 3/8) -4 3/4

(DIW-0713) AA322X — One - W11 7/8 x 4 x 3/16 @ 14 x 9'-3 E/E. (49/17) — -4 3/4 (10'-0 1/2") -4 3/4

(DIW-0713) AB322X — 4 - W11 7/8 x 4 x 3/16 @ 14 x 8'-3 7/8 E/E (49/17) — -4 3/4 (9'-1 3/8) -4 3/4

(DIW-0708)-4 (DIW-0713)-4 AC322X — 8 - W11 7/8 x 4 x 3/16 @ 14 x 8'-3 1/2 E/E (49/17) — -4 3/4 (9'-1) -4 3/4

(DIW 0713) AH322X — One - W11 7/8 x 4 x 3/16 @ 14 x 8'-5 E/E. (49/17) — -4 3/4 (9'-2 1/2) -4 3/4



S322 — 4 - W24 3/4 x 12 7/8 x 5/8 @ 146 x 36'-6 E/E

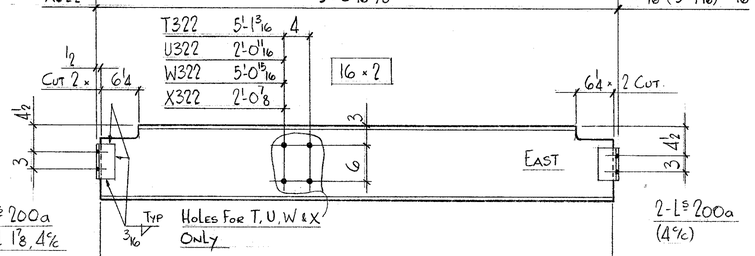
AK322 — 9'-11 7/8 %. — -5/16 (10-0 1/2) -5/16

T322 — 9'-11 7/8 %. — -5/16 (10'-0 1/2) -5/16

U322 — 9'-0 3/4 %. — -5/16 (9'-1 3/8) -5/16

W322 — 9'-0 7/16 %. — -5/16 (9'-1 1/16) -5/16

X322 — 9'-0 7/16 %. — -5/16 (9'-1 1/16) -5/16



T322 — One - W12 1/8 x 4 x 1/4 @ 19 x 9'-11 E/E (49/19)

U322 — One - W11 7/8 x 4 x 3/16 @ 14 x 8'-11 3/4 E/E (49/17)

W322 — One - W12 1/8 x 4 x 1/4 @ 19 x 8'-11 1/2 E/E (49/19)

X322 — One - W11 7/8 x 4 x 3/16 @ 14 x 8'-11 1/2 E/E (49/17)

(DIW 0713) AK322 — One - W12 3/8 x 6 1/2 x 1/4 @ 30 x 9'-11 E/E. (49/20)

Weld E70XX
No Paint
Ref - EG

Detail Material G40.21 44W

Field Bolts. 16 - 7/8 ϕ x 2 (A325)

BILL OF MATERIAL

LINE	COOSDOTE	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	DSOOR	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01					Fool														
02				200A	12	L	3		x 3 x 5/16			44W		0	5	8			
03					1	IF			3/16					10	6	0			
04																			
05		0713	A322		2	W	1	2	x 14			A572 GR50		8	10	12	49	17	
06		0713	C322		1	W	1	2	x 14			A572 GR50		8	11	12	49	17	
07																			
08					Fool														
09				200A	12	L	3		x 3 x 5/16			44W		0	5	8			
10					1	IF			3/16					10	6	0			
11																			
12		0713	B322		1	W	1	2	x 14			A572 GR50		8	0	8	49	17	
13		0713	D322		1	W	1	2	x 14			A572 GR50		8	11	8	49	17	
14		0708	D322		1	W	1	2	x 14			2		8	11	8	49	17	
15					Fool														
16				200A	8	L	3		x 3 x 5/16			44W		0	5	8			
17					1	IF			3/16					7	0	0			
18																			
19		0713	G322		2	W	1	2	x 14			A572 GR50		9	1	0	49	17	
20					Fool														
21				200A	4	L	3		x 3 x 1/4			44W		0	5	8			
22					1	IF			3/16					3	6	0			
23		0713	H322		1	W	1	2	x 30			A572 GR50		8	10	12	49	20	
24					Fool														
25				200A	4	L	3		x 3 x 5/16			44W		0	5	8			
26			TOTAL						TOTAL										1 OF 4
01					1	IF			3/16					3	6	0			
02		0713	K322		1	W	1	2	x 30			A572 GR50		8	0	8	49	20	
03					Fool														
04				200A	4	L	3		x 3 x 5/16			44W		0	5	8			
05					1	IF			3/16					3	6	0			
06		0713	M322		1	W	1	2	x 30			A572 GR50		8	11	12	49	20	
07					MARK														
08		0713	N322X		2	W	1	2	x 30			A572 GR50		8	3	8	49	20	
09		0708	N322X		2	W	1	2	x 30			2		8	3	8	49	20	
10					MARK														
11		0713	P322X		2	W	1	2	x 14			A572 GR50		7	4	8	49	17	
12					Fool														
13				200A	8	L	3		x 3 x 5/16			44W		0	5	8			
14					1	IF			3/16					7	0	0			
15		0713	T322		1	W	1	2	x 19			A572 GR50		9	11	0	49	19	
16		0713	W322		1	W	1	2	x 19			2		8	11	8	49	19	
17					Fool														
18				200A	4	L	3		x 3 x 5/16			44W		0	5	8			
19					1				3/16					3	6	0			
20																			
21		0713	U322		1	W	1	2	x 14			A572 GR50		8	11	12	49	17	
22					Fool														
23				200A	4	L	3		x 3 x 5/16			44W		0	5	8			
24					1				3/16					3	6	0			
25		0708	X322		1	W	1	2	x 14			A572 GR50		8	11	8	49	17	Mar 19/85
26			TOTAL						TOTAL										2 OF 4

REV. 1 DATE BY — 2 DATE BY — 3 DATE BY

SPEC. A572 GR50 W/N — HOLES 15/16 ϕ — FINISH

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

MADE 27	CHK'D. 28	DATE	SQUAD	PROJECT	CONTRACT	DWG.No.
FC	WD	Jan 85 / Mar/85	FR	7 World Trade Center. Beams @ 6th Floor Tos 375'-6.	84-15	322