FIELD BOLT SUMMARY:

44 - 1φ A490 x 5
60 - x 4¼
20 - x 4
20 - x 3½
28 - x 3
6 - x 2¾
178 - 1φ A325 WASH.

9 - ⅞φ A325 x 2¾

SHOP MATCH

1φ A490 BOLTS

(10 x 5/8 x 1'-2)

2 - PL - pmx
6 - BOLTS 1φ A490 x 6¼ (WRENCH TIGHT)
6 - HT WASHER 1φ (A325)

1 - PL - pmx (ONE)

1 - PL - pmx (15 x ¾ x 3'-7½)

28 - 1φ x 4½ / A325
6 - 1φ x 4½
34 - HT WASHER 1φ (A325)

NO WELD (TYP)

1 - PL - pf

1 - PL - ph (F5)

1 - PL - pg

1 - PL - pk (ONE) (1'-4½)

1 - PL - pc

1 - PL - pd

2 - PL - pa (A588) (1-N5; 1-F5)

2 - PL - pb (1-N5; 1-F5)

1 - L - aa (N5)

1 - L - ab (F5)

1 - L - ah (1-N5; 1-F5)

1 - L - hc (F5)

1 - L - hd (F5)

1 - L - ha (F5)

1 - L - hb (F5)

(INTERRUPT WELD 'Q' WHERE WELD CHANGE PLANE (TYP)

CONT. (TYP)

W36 bh 245

W27 x 84

W14 x 99

W24 x 68 (F5 W68)

ONE - W22 x 178 x 3'-3 @ 7'-3 (N12E)

TOS EL. 388'-4 (7TH FLR) (ET)

TOS EL. 375'-3 (6TH FLR) (E6)

TOS EL. 361'-7 (5TH FLR) (E5)

TOG EL. 361'-7 (5TH FLR) (E5)

MILL

"SOUTH"

SECT. 'A-A'

SECT. 'B-B'

SECT. 'C-C'

SECT. 'D-D'

SLOT 1⅛ x 2'-⅛

CLIP

5/8 RET. @ TOP - hc. hd.

ALL 1φ BOLTS TO HAVE 2 WASHERS.
DETAIL MATERIAL G40.21 (44W) 4/N
E70 SERIES ELECTRODES
REF. DIAG. EG. E7, E120

SHOP MATCH COL. A84

38

AG2 (4TH LIFT)

APP & X15

BILL OF MATERIAL

LINE	CCOSDTE	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				PA	2	PL	26	0	x	4	0	A588		25	2	0	4	20	M1E
03				PB	4		9	0	x	1	0	44W		0	9	8			
04				PC	4		10	0	x	1	0			1	4	12			
05				PD	2		4	12	x	0	8			0	10	0			
06				PE	2		15	0	x	1	4			3	8	12			PREP. 1E
07				PG	2		15	0	x	1	4			3	8	12			PREP. 1E
08				PH	2		10	12	x	0	10			2	3	8			
09				PK	2		25	0	x	1	0			5	0	0			
10				PM	2		14	8	x	0	10			2	1	0			
11				PN	1	PL	10	0	x	0	10			1	2	0			
12																			
13																			
14																			
15																			
16				AA	2	L	3x3x¼							2	2	0			
17				AB	2	L	3x3x½							0	9	0			
18				HA	1	L	4x3x⅜							1	0	0			BENT
19				HB	1	L	4x3x⅜							1	0	0			BENT
20				HC	1	L	4x3x⅜							1	3	0			BENT
21				HD	1	L	4x3x⅜							1	3	0			BENT
22				AH	4	L	3x3x¼							1	11	4			
23												44W							
24						6 - HT BOLT 1φ x 5						325							
25																			
26			TOTAL				TOTAL												1 OF 2
01																			
02					1	PL	¼							9	0	0			
03					1	PL	5/16							68	0	0			
04					1	PL	½							115	0	0			
05					1	PL	9/16							9	0	0			
06					1	SQ	3/8							5	0	0			
07					1	SQ	¾							5	0	0			
08																			
09																			
10																			
11	0706	AG2			1		W14x730					A572 GR50		26	3	0	4	13	M2E COL.
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26			TOTAL	49			TOTAL	281											2 OF 2

Apr. 12/85 K.S.R.
Mar. 1/85 K.S.R.
Feb. 18/85

REV.	DATE	BY	
1	2/6/85	EW	SPEC. A572 Gr 50 4/N
2	MAR. 10/85	HT	HOLES 1 3/16 φ 4/N (1φ A490 BOLTS)
3	APR 9/85	JM	FINISH

MADE 27 ELNEBRIJO DATE JAN '85 SQUAD F.R
CHK'D 28 D.L. DATE JAN 85

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

PROJECT: 7 WORLD TRADE CENTER
DETAIL: COLUMN (38) - 4TH LIFT

CONTRACT 84-15
DWG. No. 62