SECT. "F-F"

SECT. "D-D"

SECT. "G-G"

SECT. "C-C"

SECT. "B-B"

SECT. "A-A"

CUTTING LAYOUT FOR R PP

CUTTING LAYOUT FOR R PN

Approved Note
Flgs. 100% butt welded
see dwg. 961

SEE FW62
DERRICK GUY
CONN, TE

2-RES. paa (1-⅝"ϕ); 1-⅝"
2-BOLTS - 1ϕ A490 x 3¾
2-1ϕ A325 WASHER
(WRENCH TIGHT)

2-RES. py (1-⅝"ϕ; 1-⅝"
3-BOLTS - 1ϕ A490 x 3¾
3-1ϕ A325 WASHER

1-RE. pn (⅝")
1-RE. pp (⅝")

2-RES. pm

1-RE. pm (⅝")

2-RES. pd (1-⅝"ϕ; 1-⅝")

1-RE. pc (ON ℄)

1-RE. pb (⅝")

1-RE. pg (⅝")

INTERRUPT WELD ½ WHERE WELD CHANGES PLANE

1-RE. pur (⅝")

2-RES. pur

2-RES. px

1-RE. pa (⅝")

2-RES. pac (1-⅝"ϕ; 1-⅝")
2-BOLTS - 1ϕ A490 x 3
2-1ϕ A325 WASHERS

1-RE. pab
4-BOLTS - 1ϕ A490 x 4
4-1ϕ A325 WASHER

1-RE. pk

1-RE. ph

1-RE. pf

1-RE. pp

1-RE. pa

1-RE. pk

2-RES. pa

1-L-ac

1-L-ab

1-L-aa

2-L⁵ 30KC (⅜ B/G; ON ℄)

2-L⁵ 30KC (⅝ B/G; ON ℄)

2-L⁵ 40KC (⅞ B/G; ON ℄)

2-L⁵ 40KC (½ B/G)

2-L⁵ 30KC (⅝ B/G; ON ℄)

3-⅞ϕ x 2½
4-⅞ϕ x 2¾
4-⅞ϕ x 2¾
3-⅞ϕ x 2½

4-⅞ϕ x 4¾
6-⅞ϕ x 4½
4-⅞ϕ x 4¾

8-1ϕ x 3¾
16-1ϕ x 5¾

3-⅞ϕ x 2½
4-⅞ϕ
16-1ϕ x 3¾

ϕ HLS
1ϕ A490

ϕ HLS
1ϕ A490 BOLTS

ϕ HLS.

SHOP MATCH COL. A135

SHOP MATCH COL. A66

HLS. @ COL. WEB

NOTE BREAK IN GA

HOLES @ COL. WEB

SEE FW52 FOR WELD

AT TOP

AS NOTED

CUT ¾ x 1'-2

ONE-W16 x 158 x 1/16 @ 233 x 28'-3

W18x35
W30x173
W16x26
W12x19
W14x22
W12x65
W24x62
W12x50
W21x50

EL. 366'-3
EL. 360'-1⅛
EL. 349'-0 (4TH FLR)
EL. 334'-6 (3RD FLR)
EL. 313'-7 (2ND FLR)
EL. 299'-3
TOS EL. 361'-7 (5TH FLR) (E5)
TOS EL. 348'-0 (4TH FLR) (E4)
TOS EL. 334'-6 (3RD FLR) (E3)
MILL COL. 4TH FLR
MILL

FIELD BOLT SUMMARY:

16-1ϕ A490 x 5¾
10- x 4
8- x 3¾
16- x 3¼
10- x 3

8-⅞ϕ A325 x 4¾
6- x 4½
8- x 2¾
13- x 2½

62-1ϕ A325 WASHER

ALL 1ϕ A490 BOLTS TO HAVE 2 WASHER
DETAIL MATERIAL G40.21 (44W) 4/N
E70 SERIES ELECTRODES
REF. DIAG. E4.E5, E123, E117A, 961, 968

(F.W. NOTE) REV 4 MAY 13/86 - JEB

KEY DIAGRAM
(SHOP TO ERECTION DETAILS)
BOLT & PROV WELD IN POSITION BEFORE FINAL WELDING

12-1ϕ x 4
10-1ϕ x 3

BILL OF MATERIAL

LINE	CCOSDET	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	DSOR	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01				FOO1															
02				PA	1	PI	17	8	x	1	0	44W		1	10	12			
03				PB	1		13	8	x	1	0			1	8	12			
04				PC	1		16	8	x	2	8			3	9	0	115	18	
05				PD	2		7	0	x	2	8			3	9	0	115	17	
06				PF	1		45	0	x	3	0			6	3	0	115	6	PREP. 1 EDGE
07				PG	1		9	0	x	0	8			1	1	8			
08				PH	1		4	10	x	0	14			0	7	4			
09				PK	2		6	0	x	1	0			1	1	0			
10				PM	5		5	6	x	0	14			2	3	0			
11				PN	1		28	13	x	2	8	↓		4	4	4			
12				PP	1		31	3	x	2	8	44W		4	4	8			
13	4			PS	2		7	8	x	5 ~~7~~	8	A36		3	3	0	~~HF27~~		STOCK
14	4			PT	2		7	8	x	5 ~~7~~	8	A36		2	6	0	~~HF20~~		⊥
15				PV	1		8	0	x	0	8	44W		1	3	8			
16				PW PX	2		11	8	x	1	0			2	6	0			
17				PX	2		11	8	x	1	0			2	6	0			
18				PY	2		9	8	x	0	8			1	2	4			MIE
19				PAA	2		9	8	x	1	0			1	7	8			
20				PAB	2	PI	15	0	x	0	8			2	2	0			
21				AA	1			L	3x3x¼					1	2	0			
22				AB	2			L	3x3x¼					0	4	0			
23				AC	1			L	3x3x¼					1	0	0			
24				PAC	2	PI	9	8	x	0	3			1	2	0			
25				30KC	6			L	4x3x⅜					0	8	8			
26			TOTAL											TOTAL					1 OF 2
01				40KC	4			L	4x3x⅜			44W		0	11	8			
02					2		HT	Bolt 1 x 5¾				490							
03					8		HT	Bolt 1 x 4				490							
04					3		HT	Bolt 1 x 3¾				490							
05					2		HT	Bolt 1 x 3				490							
06					15		HT	WASHER 1				325							
07																			
08					1		IF	¼						2	3	8			
09					1		IF	5/16						53	0	0			
10					1		IF	⅜						4	0	0			
11					1		IF	½						7	6	0			
12					1		IF	9/16						26	4	0			
13					1		IF	¾						10	0	0			
14					1		GG	⅜						2	0	0			
15					1		GG	½						1	6	0			
16					1		GG	1/8						20	0	0			
17					1		GG	1½						1	6	0			
18																			
19																			
20		0006	A100		1		W 14 x 233					A572 GR 50		28	3	0.7	8	MIE	
21																			
22																			
23																			
24																			
25																			
26			TOTAL		90									TOTAL			197		2 OF 2

mar 28/85 R
mar 13 JEB

R E V.	1 DATE 28-3-85 BY ES.	SPEC. A572 (GR.50) 4/N	**FRANKEL STEEL LIMITED**
	2 DATE APR NOTE AEE 5/85 BY JM	HOLES 15/16ϕ 4/N (7/8ϕ A325)	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2
	3 DATE APR 15/85 BY BF	FINISH	

MADE	DATE	SQUAD	PROJECT: 7 WORLD TRADE CENTER	CONTRACT	DWG.No.
27 ELNEBRIJA	FEB '85	FR	DETAIL: COLUMN - (G2) - 3RD LIFT	84-15	100
CHK'D. 28 D.I.	DATE MARCH 85				