W14x90 SPICE 8A/10

NOTES: MATERIAL G40.21 44W U/NOTED
E70 SERIES ELECTRODES
REF DWGS E118 E118A E46/E47
9130, 9141, CW5, CW13.

DIM'S SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES.
SHOP SCRIBE VISIBLE C/L ON BOTH FLGS & B/S WEB TOP & BOTT.

FIELD BOLTS		
126	1ϕ A325 WSHRS	
40	1ϕ A490	3/4
24		7/8
62		1

1-PL 10 x 5/8 x 1'-2: A764 NIS
2-1ϕ A490 x 2 3/4
2-1ϕ A325 WSHRS
WRENCH TIGHT
1 1/16ϕ HOLES

1-W763 1-W763

20-1ϕ A490 x 3 1
1 1/16ϕ HOLES @ 5b Ga TOP & BOTT FLG: mb
13/16ϕ HOLES PL B786

1 1/16ϕ HOLES

2-PL S B787: 2-1ϕ A490 x 3/4
2-1ϕ A325 WSHRS: BACK BOLTED
WRENCH TIGHT
18-1ϕ A490 x 3/4

1-W30 x 99 ~ mb
2-PL S B786: 4-1ϕ A490 x 3
4-1ϕ A325 WSHRS: BACK BOLTED
WRENCH TIGHT

20-1ϕ A490 x 3
1 1/16ϕ HOLES @ 5b Ga TOP & BOTT FLG: mb
13/16ϕ HOLES PL B786

1 1/16ϕ HOLES

2-PL S 8b x 1/2 x 1'-3 1/2: B787
2-1ϕ A490 x 3/4
2-1ϕ A325 WSHRS
BACK BOLTED
WRENCH TIGHT
8-1ϕ A490 x 3/4

1-W29 3/8 x 10 x 1/2 x 99 (A36) x 3'-4 3/16 - mb
CUT FROM A74.5 P171/20
2-PL S 9 x 1/2 x 1'-11b: B786: 4-1ϕ A490 x 3
4-1ϕ A325 WSHRS: BACK BOLTED
WRENCH TIGHT

10-1ϕ A490 x 3

1 1/16ϕ HOLES

16-1ϕ A490 x 3 1/2

1 1/16ϕ HOLES

24ϕ DRILLED HOLE

PL 13 x 3/4 x 2'-12 ~ W763

NO WELD 4

1-PL pc E

1-PL pc L

1-PL pc' L

1-PL pad

1-Lab

1-PL ~ pm (NIS)

1-L ~ ah

1-PL ~ hb

1-PL ~ ha
1-PL ~ pa
2-PL ~ pb

1-W ~ ma (OFFSET)

ab OFFSET

ha, pa, pb

ma

hb

ah

pm

px FIG

F (2'-6 11/16)

(2'-6 11/16)

NORTH

SLOT 7/8 x 6

1-L 20h

1-PL ~ 12 1/2 x 1 3/4 x 1'-4 ~ PK

2-PL ~ 12 x 1/8 x 1'-4 1/2 ~ fa
2-1ϕ (A490) x 2 3/4
2-ϕ (A325) WASHER
(C WRENCH TIGHT)

1-PL ~ 6 x 1/8 x 10 ~ fb (NIS)

fa

NOT TO SCALE

NOTE: NOT TO SCALE

(BOTH FLGS.

BOTH FLGS

W14 x 109 ONE

W14 x 109 (A36) 27'-0 M2E P179/10

W14 x 145 x 1/2 (A36)

W15 x 3/4 x 159

FIN 45TH FLOOR EL 879'-6

FIN 46TH FLOOR EL 893'-9

FIN 47TH FLOOR EL 906'-6

MILL

SECT N A-A

SECT N B-B

SECT N C-C

SECT N D-D

SECT N F-F

PL 144 x 7/8 x 21 1/2 - pc E
CUT TO FIT & PREP
12-1ϕ A490 x 4

PL 7 x 7/8 x 1'-0 1/2 ~ pm

L 3 x 3 x 1/2 x 1'-2 ab

PL pd 5b @ 3=1'-3 @ 4 7/16

PL 13 1/4 x 3/4 x 2'-0 1/16 pd - PP SIDES

1" Rad

CUT (TYP B)

PL 13 x 3/8 x 1'-2 ab

PL pc L 12-1ϕ A490 x 3 1/4

(W250 x 73 300W)
W10 x 10 x 5/16 @ 49 x 1'-9
ma: BEV CUT 1 END

BRACKET
1-PL 8 3/4 x 1/2 x 1'-8 3/4
BENT ha
1-PL 7 1/2 x 3/8 x 1'-0 1/4 ~ pa
2-PL 6 3/4 x 3/8 x 7 1/2 pb

5/8 RET TOP & BOTT

PL 23 3/4 x 1/2 x 1'-5 2 hb
BENT: BEV CUT 1 END

L 4 x 3 x 3/8 x 1'-3 1/2 ~ ah
Ga 2'2 JAN 14/86 THIS TO TEMPLATE SHOP

FOR 1ϕ A490

Jan. 3/86 R
Dec 13/85

REVISED			
DATE	BY	OPEN HOLES	13/32 U/N
DATE	BY	PAINT	NONE
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
DATE JAN 2/86	BY GM	INSPECTION	

24TH TIER COLUMN 15
7 WORLD TRADE CENTER
TISHMAN CONSTRUCTION — CUSTOMER
EMERY ROTH & SONS PC — ARCHITECT
IRWIN G CANTOR PC — ENGINEER

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

SQUAD FR
MADE BY HY DATE 28 SEPT CHKD. BY GM DATE DEC 9/85
CONT. No. 84-153 SHEET 4081

Z&C CUT, PM ADDED

A4099

W15 x 3/4 x 159 SPICE 8A/10