ERECTOR NOTE!
ASSEMBLIES A513: B513: A541 ARE TO ONLY AFTER COLS A139: A140: A141 + A142 ARE IN CORRECT LOCATION.
FIRST CONNECT ASSEMBLIES TO BOTTOM OF NEW COLS., 11 x 1 PL'S THEN TO BE FITTED AGAINST FLG. OF EXIST COLS USING SLOTS, AND FIELD WELD TO BE MADE AS SHOWN.
1Φ A490 BOLTS FITTED & TIGHTENED AFTER WELDING

NOTE!
1 SIDE PL NOT REQ'D WHERE 12½ x 8 WEB PLS

NOTE!
ERECTOR MAINTAIN.

4'-11

W14 x 730

W14 x 426 [± 560K]

(378K) 11 / 12 (413K)

PL 16 x ½ x 1'-6

SHOP 5/16 16"

NEW 1" PL (N/S. & F/S)

4'-0

PL 16 x 7/8
GA. 3.5½.3.
16-1Φ A490 IN 9/8 HLS EA. FLG

PL 1

BASE PL 26 x 1 x 26

EL 334'-6 (3RD FL)
EXIST ROOF EL 335'-0

PL 10 x 5/8

GA. 5½

W24-76
AXIAL LOAD ±20K
SHEAR - 47K.

1'-0
11/8
1/16

PL 7½ x ½ x 1'-6 (N/S)

3/8 18"

Ip = 51940
x̄ = 46.5 FROM LOWER BOLTS

PL 11 x 1
SHIP BOLTED WRENCH TIGHT TO MAIN GUSSET
(62-1Φ A490 F)

PL 10 x 5/8

PL 16 x 7/8
GA. 3.5½.3.
(16-1Φ A490 IN 9/8 HLS EA. FLG)

W14 x 426 [± 500K]

9⅜ (308K) / 12 (394)

½" FILL

PL 10 x ½

PL 16 x ½ x 1'-6

ERECTOR NOTE:
7½ x ½ STIFFS & 16 x ½ BOTT. PL TO BE REMOVED FROM ASSEMBLIES IF NECESSARY, LOCATED & FIELD WELDED AS SHOWN.

EXIST. COL

11 11
4 7 7 4
1'-4 4 6 4 1'-4
5 5

EXIST COL.

PL 7½ x ¼ CONT. WASHER PL

PL 11 x 1
1 1/16Φ x 2" SLOTS
(FOR 1" A490)

PL 1.

EXIST COL.

SECTION C-C

1" COVER PL OR 12½ x 8 WEB PL

PL 12½ x 5/8 x 2'-4

PL 1"

PL 12½ x 5/8 x 1'-8

12 / 7⅝ (342)

208

WT 6 x 53 (± 400K)

STIFF 14 x 4 x 3/8 (N/S)

TO 12½ x 8 WEB PL

2. WT 6 x 53 (± 400K)

7/16 8"

7/16 30°

D

10

1'-6

2 SLOTS

W 36 x 160 (EXIST)

W 36 x 160 (EXIST)

EXIST 1" PLS

B

SECTION A-A

SECTION B-B

PL 11 x ½ x 3'-0

ERECTOR NOTE!
FIELD WELDING OF 11 x ½ PLS TO BE MADE ONLY AFTER COLS ARE IN CORRECT LOCATION

45°

EXIST W36

SECTION D-D

LAYOUT OF NEW STEEL @ EXIST COL. 501: 502: 503: 504.

REVISED DATE Nov 85 BY AAS	OPEN HOLES	7 WORLD TRADE CENTRE	FRANKEL STEEL LIMITED 220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2
DATE Apr. 17 BY AAS	PAINT	47 STOREY OFFICE BLDG	SQUAD FR
DATE ____ BY ____	ERECTED BY	TISHMAN CONSTRUCTION — CUSTOMER	MADE BY AAS DATE Feb 85 CHKD. BY AS. DATE Apr 85
DATE ____ BY ____	FIELD PAINT	EMERY ROTH & SONS PC — ARCHITECT	CONT. No. 84-15 SHEET 965A
DATE ____ BY ____	INSPECTION	IRWIN S CANTOR P.C — ENGINEER	

(SAME AS FW5)