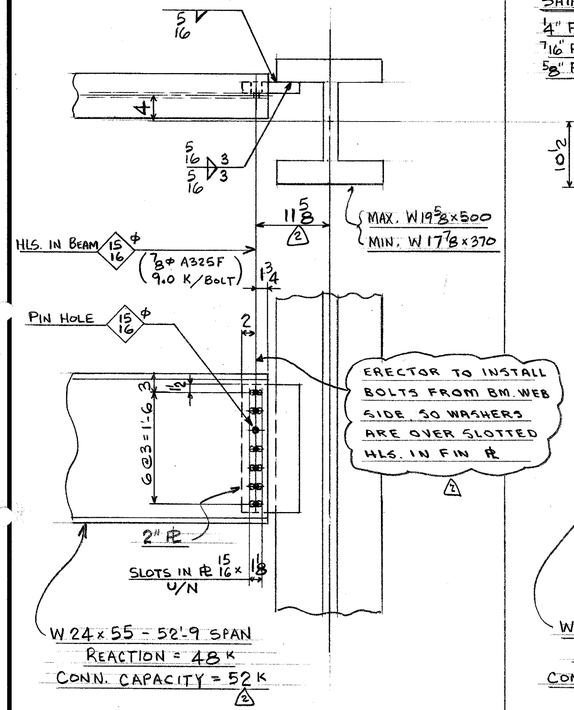
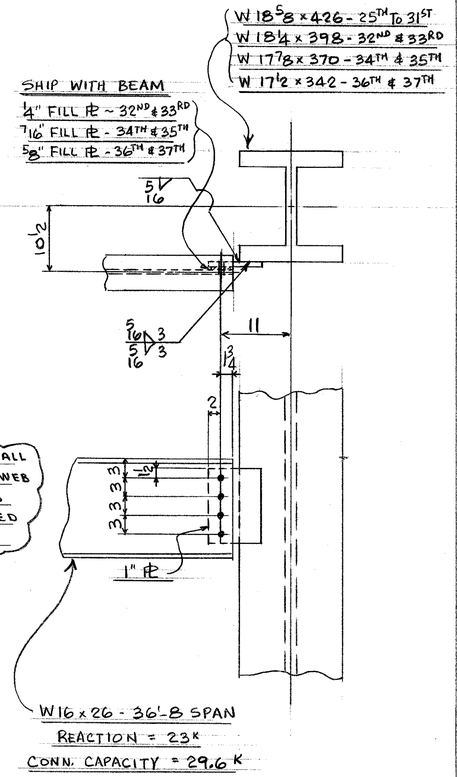


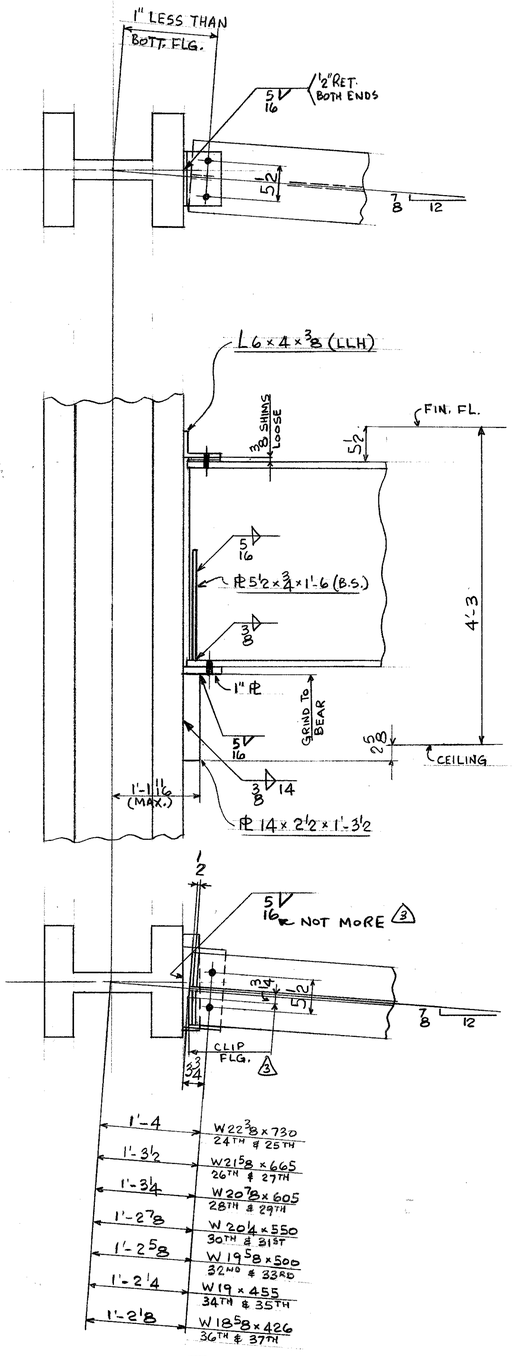
CONN. AT COL. 49 NORTH WALL

25TH TO 37TH FL. INCL.



CONN. AT COL. 22 SOUTH WALL

25TH TO 37TH FL. INCL.

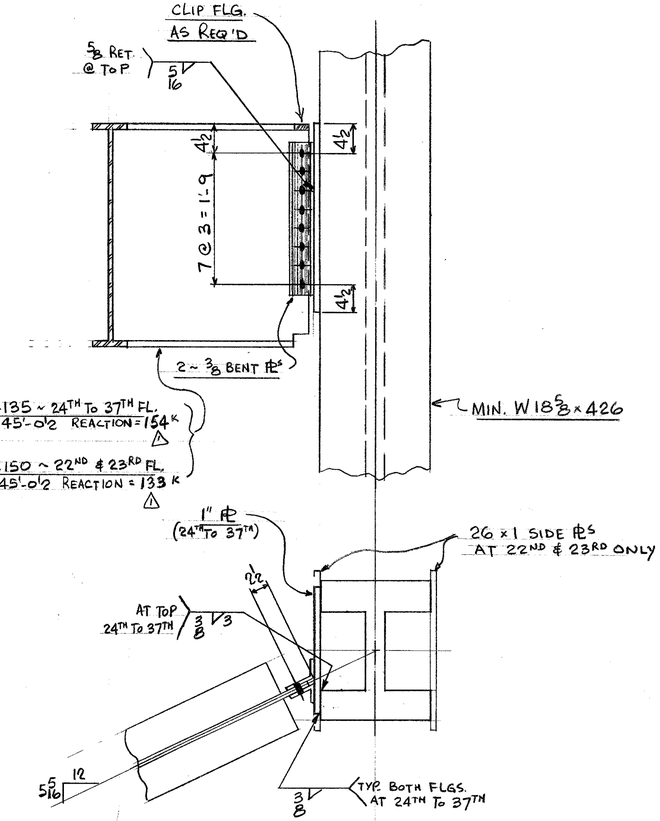


CONN. AT COL. 79 24TH TO 37TH FL. INCL.

FOR W 33 x 130 - 45'-7 5/8 SPAN

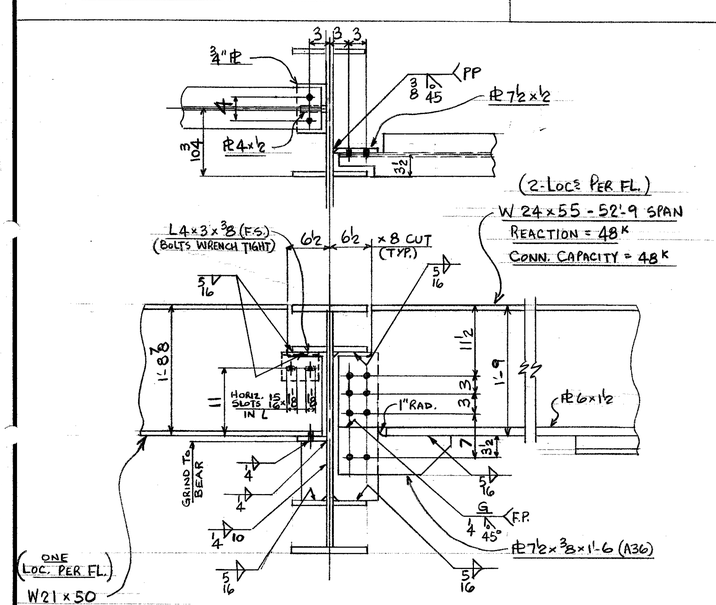
REACTION = 146 K

CONN. CAPACITY = 150 K



CONN. AT COL. 79 22ND TO 37TH INCL.

CONN. CAPACITY = 168 K



BEAMS TO BUILT UP GIRDER 'N' CONN.

25TH TO 37TH FL. INCL.

ALL BEAMS & GIRDERS A572 - GR. 50

ALL DETAIL MATL G40.21 44W U/N

USE E70 SERIES ELECTRODES

ALL BOLTS 7/8 ϕ A325

FRICTION VALUE 10.5 K/BOLT

CONNS. ARE FOR 22ND TO 37TH ONLY U/N

SEE DWG. 9154 FOR LOCATIONS

REVISED		
DATE ____	BY ____	OPEN HOLES ____
DATE ____	BY ____	PAINT ____
DATE Aug 6/85	BY BF	ERECTED BY ____
DATE July 16/85	BY BF	FIELD PAINT ____
DATE JUNE 5/85	BY BF	INSPECTION ____

CLIP FLG. AT COL. 79 (3)

DET. AT COL. 49 (2)

TO APP. (1)

BEAM TO COL. & BUILT UP GIRDER CONNS 22ND TO 37TH FL.

7 WORLD TRADE CENTER

TISHMAN CONSTRUCTION — CUSTOMER

EMERY ROTH & SONS P.C. — ARCHITECT

IRWIN G. CANTOR P.C. — ENGINEER

FRANKEL STEEL LIMITED

220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2

SQUAD FR

MADE BY BF DATE MAY/85 CHKD. BY ✓ DATE

CONT. No. 84-15 SHEET 9162