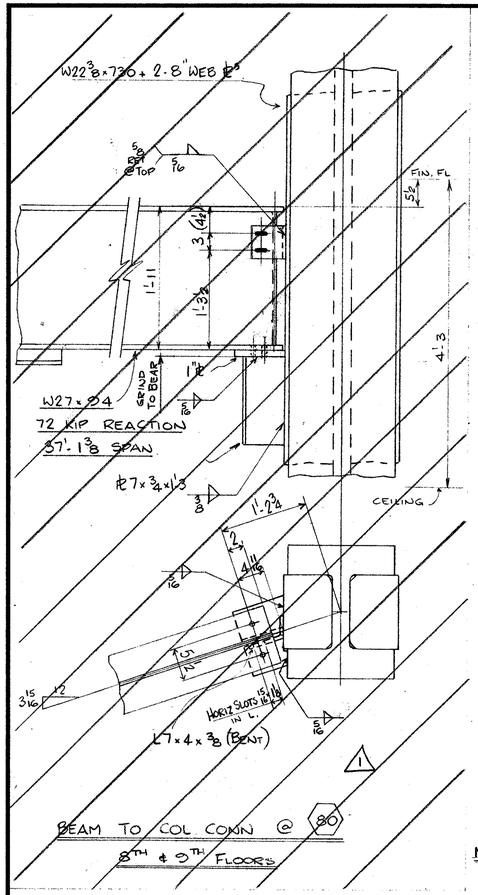
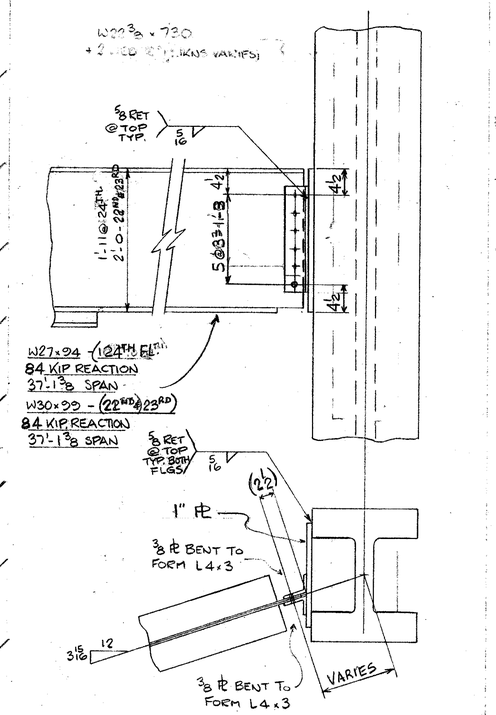


BEAM TO COL CONN @ (80)

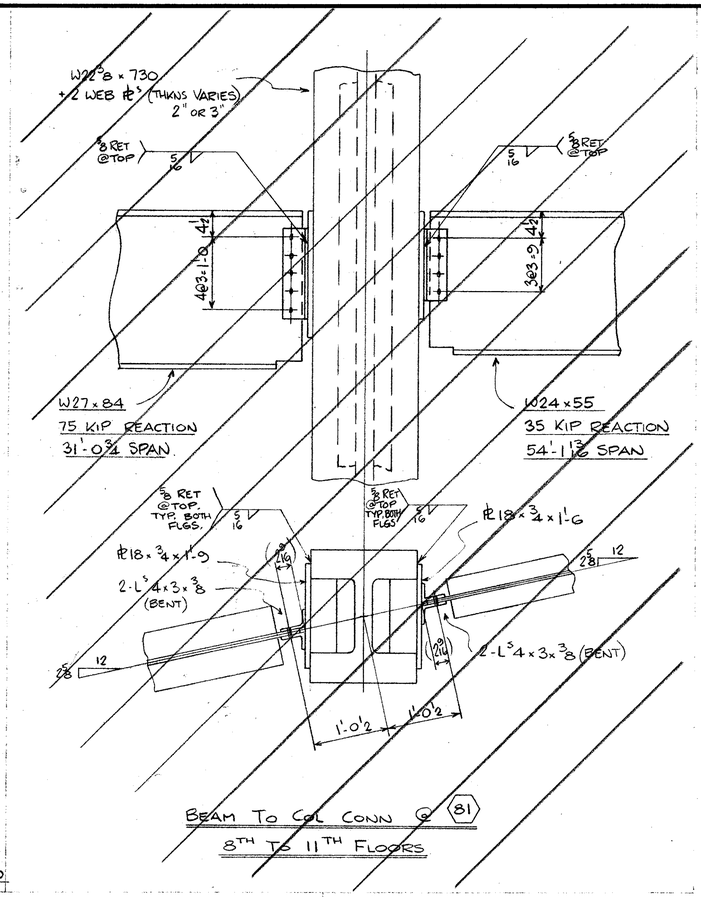
8TH & 9TH FLOORS



W27 x 94 CONN TO COL (80) 24TH FL.

W30 x 99 CONN TO COL (80) 22ND & 23RD FL.

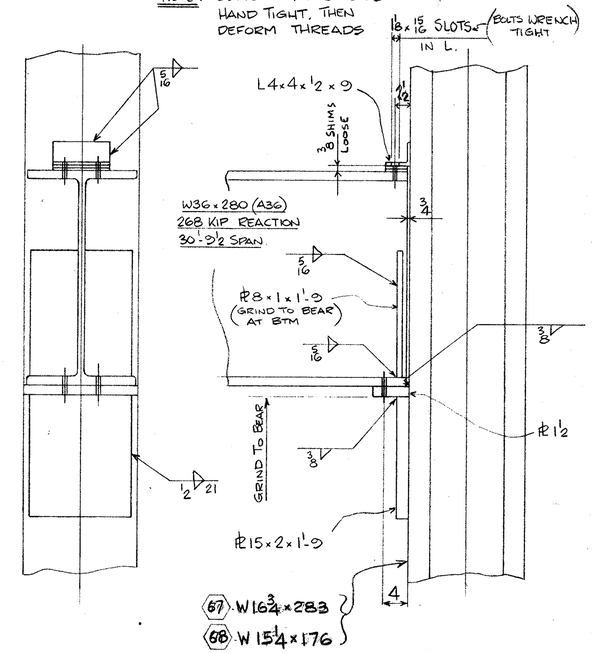
NOTE: W27 x 94 CONN. TO COL (80) 25TH TO 37TH FL. IS SAME AS AT 24TH FL. EXCEPT BM. IS NOT NOTCHED



BEAM TO COL CONN @ (81)

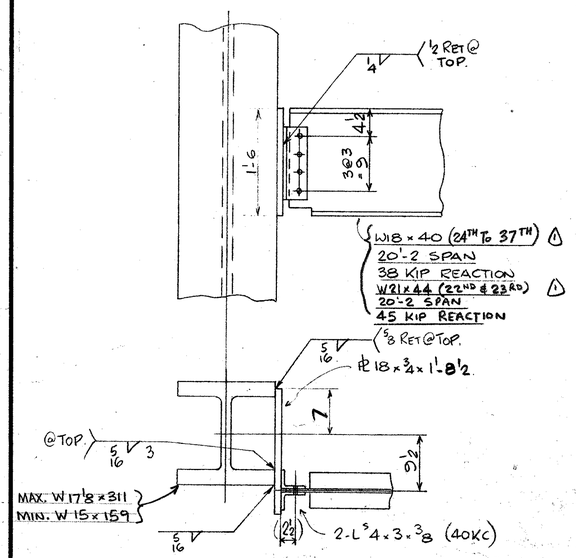
8TH TO 11TH FLOORS

NOTE! BOLTS IN TOP L TO BE HAND TIGHT, THEN DEFORM THREADS



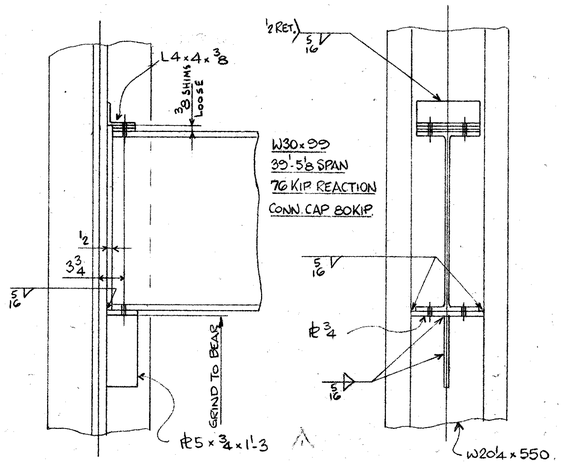
BEAM TO COL CONN. @ (67), (68)

@ 37TH FL. ONLY.



BEAM TO COL CONN @ (62)

22ND TO 37TH FL.



BEAM TO COL CONN @ (56)

22ND & 23RD FL.

ALL BEAMS ——— A572 GR50 U/N
ALL DETAIL MATL G40.21 - 44W
USE E70XX ELECTRODES.
ALL BOLTS 7/8 ϕ HT. A325
FRICTION VALUE - 10.5 KIPS / BOLT.

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

SEE DWG. 9154 FOR LOCATIONS

REVISED			
DATE ____ BY ____	OPEN HOLES 15/16 ϕ U/N	BEAM TO COL CONNS. @ COL'S (56) (62) (80) TO 37TH FL & (67) & (68)	FRANKEL STEEL LIMITED
DATE ____ BY ____	PAINT ____	7 WORLD TRADE CENTER	220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2
DATE ____ BY ____	ERECTED BY ____	TISHMAN CONSTRUCTION (CUSTOMER)	SQUAD FR.
DATE ____ BY ____	FIELD PAINT ____	EMERY ROTH & SONS P.C. (ARCHITECT)	MADE BY BF DATE May 85 CHKD. BY BE DATE
DATE July 85 BY BE	INSPECTION ____	IRWIN G CANTOR P.C. (ENGINEER)	CONT. No. 84-15 SHEET 9159

DET & AR 56 & 62 (1)