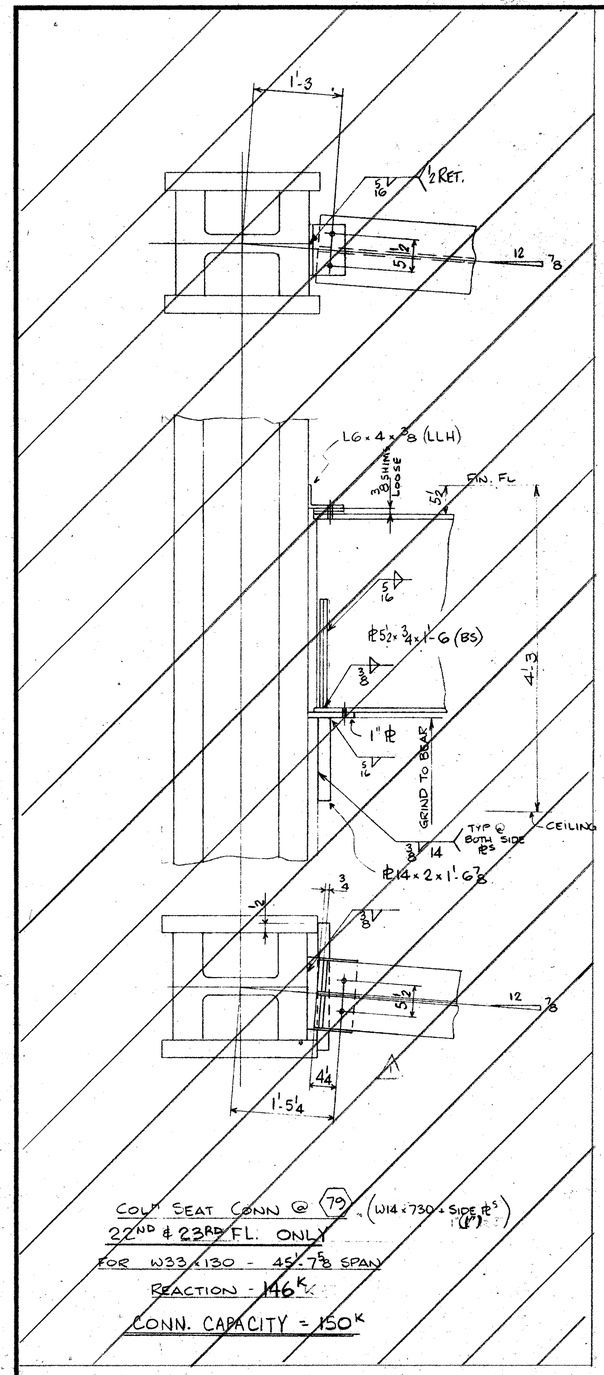


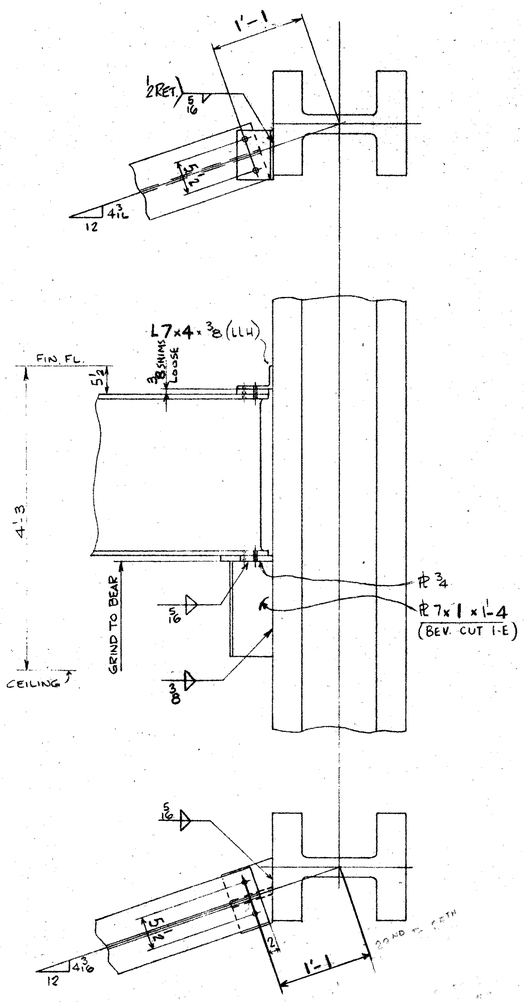
COL^M SEAT CONN @ (79) (W14×730 + SIDE PLS (U))

22ND & 23RD FL. ONLY

FOR W33×130 - 45'-7⅝ SPAN

REACTION - 146^K

CONN. CAPACITY = 150^K



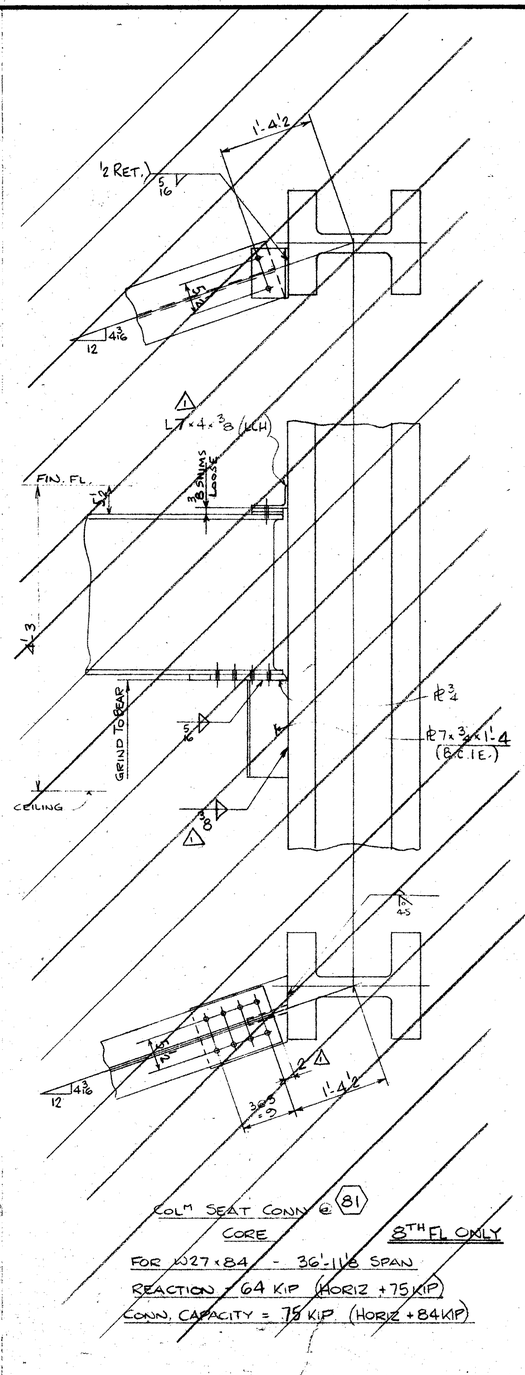
COL^M SEAT CONN @ (81) (MIN. W14×145)

CORE

FOR W27×84 - 36'-11⅛ SPAN

REACTION - 88^K

CONN. CAPACITY = 92^K



COL^M SEAT CONN @ (81)

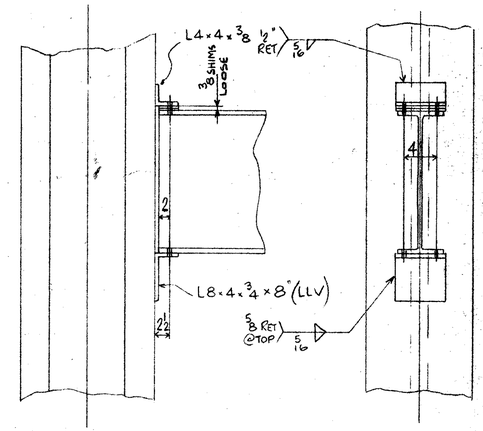
CORE

8TH FL ONLY

FOR W27×84 - 36'-11⅛ SPAN

REACTION - 64 KIP (HORIZ + 75 KIP)

CONN. CAPACITY = 78 KIP (HORIZ + 84 KIP)



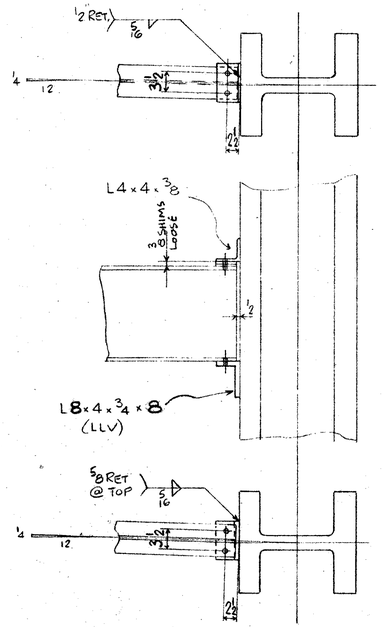
COL^M SEAT CONN @ (61)

CORE

FOR W24×55 - 52'-9 SPAN

REACTION - 43^K

CONN CAPACITY = 44.5^K (SEAT L G40.21 44W)



COL^M SEAT CONN. @ (63)

CORE

FOR W16×31 - 36'-8⅛ SPAN

REACTION - 29^K

CONN CAPACITY 34^K (SEAT L G40.21 44W)

ALL BEAMS A572-GR 50

ALL DETAIL MATL G40.21-44W

USE E70XX ELECTRODES

ALL BOLTS ⅞ ø HT. A325

FRICTION VALUE 10.5 KIPS/BOLT.

CONN^S ARE FOR 38TH TO 45TH FL. ONLY

SEE DWG. 9171 FOR LOCATIONS

REVISED			
DATE ____ BY ____	OPEN HOLES 15/16 ø	38TH TO 45TH FL.	FRANKEL STEEL LIMITED
DATE ____ BY ____	PAINT ____	BEAM TO COL^M CONNECTIONS - CORE	220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5R2
DATE ____ BY ____	ERECTED BY ____	7 WORLD TRADE CENTER	SQUAD F.R.
DATE ____ BY ____	FIELD PAINT ____	TISHMAN CONSTRUCTION CUSTOMER	MADE BY BE DATE JULY 85 CHKD. BY ✓ DATE
DATE ____ BY ____	INSPECTION ____	EMERY ROTH & SONS P.C. ARCHITECT	
		IRWIN G. CANTOR P.C. ENGINEER	CONT. No. 84-15 SHEET 9174