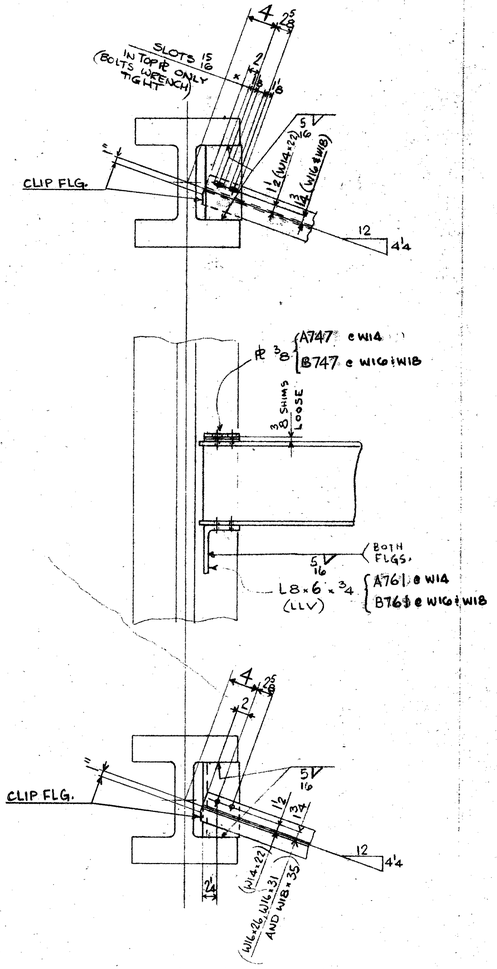
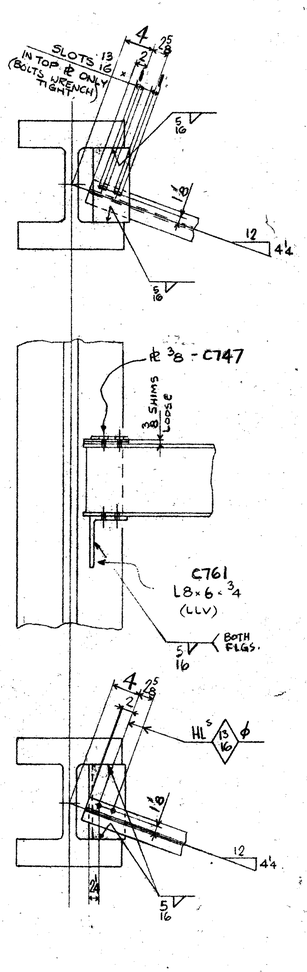


TYP. COL^{M} SEAT CONN. (W14×132 MIN.)

WEST WALL

USE FOR THE FOLLOWING :-

BEAM SIZE	SPAN	REACTION KIPS.	CONN (KIP) CAPACITY
W18×35	40'-10½	23	32
W16×31	35'-1⅝	30	30
W16×26	31'-9½	24	26
W16×26	37'-7	22	26
W16×26	34'-3½	25	26
W16×26	31'-0	23	26
W14×22	28'-6	22	22
W14×22	27'-8½	22	22
W14×22	24'-5	20	22



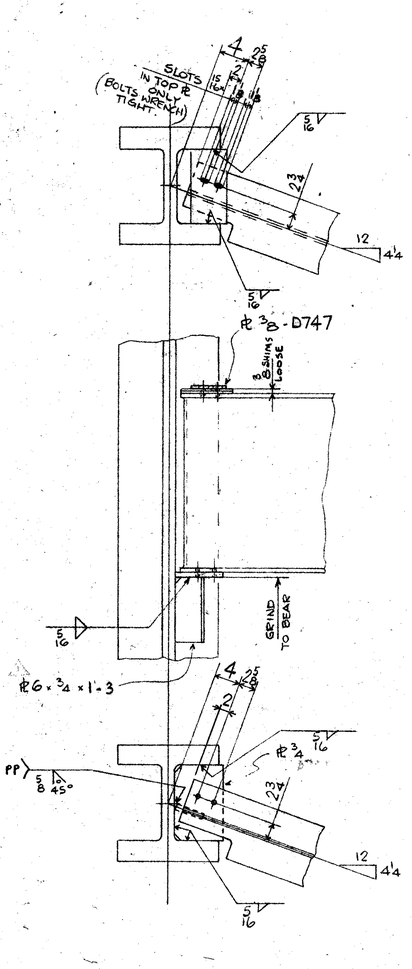
COL^{M} SEAT CONN. (W14×132 MIN.)

WEST WALL

USE FOR THE FOLLOWING :-

BEAM SIZE	SPAN	REACTION KIPS	CONN (KIP) CAPACITY
W12×19	21'-1⅝	17	20
	17'-10⅛	17	20
	14'-6⅜	17	20
	11'-2⅛	17	20

ALL BOLTS ¾ ϕ HT. A325F



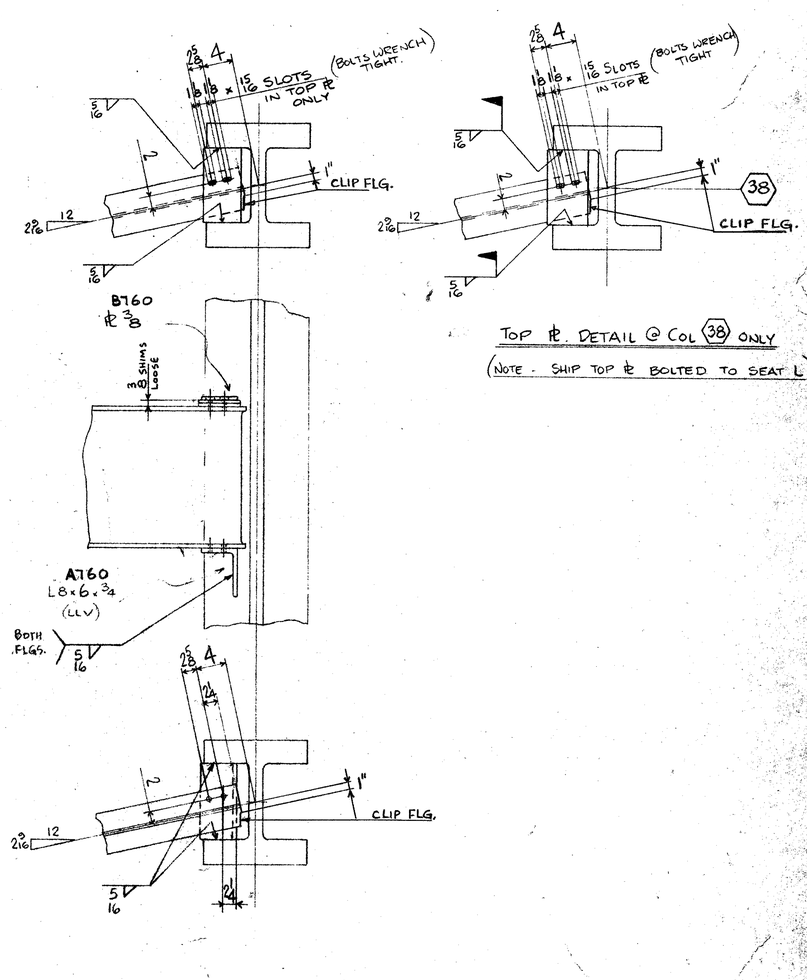
COL^{M} SEAT CONN @ (5) (W14×176 MIN)

WEST WALL

FOR W30×99 - 44'-2 SPAN

REACTION - 67 KIPS

CONN. CAPACITY - 80 KIPS



TOP ℄ DETAIL @ COL (38) ONLY

(NOTE - SHIP TOP ℄ BOLTED TO SEAT L)

TYP. COL^{M} SEAT CONN. (W14×132 MIN)

EAST WALL

USE FOR THE FOLLOWING :-

BEAM SIZE	SPAN RANGE	REACTION KIPS	CONN (KIP) CAPACITY
W24×55	49'-5⅞ to 54'-1⅝	47	47
W21×44	46'-2⅛	34	38

NOTE - FOR W24×55 (SPAN 53'-8 11/16) AT COL (38) SEE DETAIL FOR TOP ℄ ABOVE.

ALL BEAMS A572 - GR 50

ALL DETAIL MATL G40.21 - 44W U/N

USE E70 XX ELECTRODES

ALL BOLTS ⅞ ϕ HT. A325F U/N

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

FOR LOCATIONS SEE Dwg. 9171

REVISED			
DATE	BY	OPEN HOLES	15/16 ϕ U/N
DATE	BY	PAINT	
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
DATE	BY	INSPECTION	

38TH TO 45TH FL COLUMN SEAT CONNECTIONS (EAST & WEST WALLS)

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 5B3

SQUAD F.R.

MADE BY BF DATE JULY 85 CHKD. BY ✓ DATE

CONT. No. 84-15 SHEET 9172