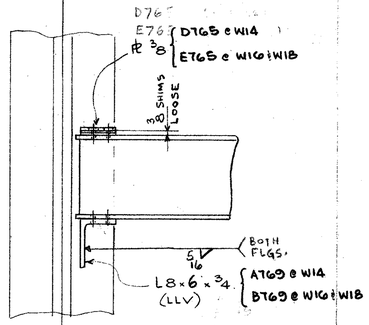
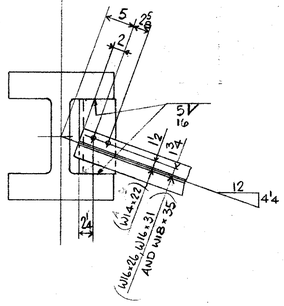




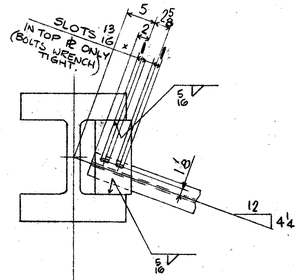


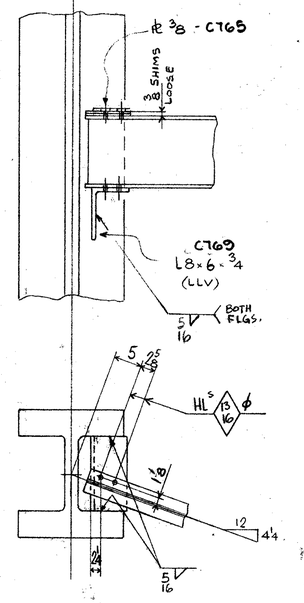
TYP. COL^{M} SEAT CONN. (W14 x 283 MIN.)

WEST WALL

USE FOR THE FOLLOWING:-

BEAM SIZE	SPAN	REACTION KIPS.	CONN. (KIP) CAPACITY	
W18 x 35	40'-10 1/2	23	32	
W16 x 31	35'-1 5/8	30	30	
W16 x 26	31'-9 1/2	24	26	-24TH TO 37TH
W16 x 26	37'-7	22	26	
W16 x 26	34'-3 1/2	25	26	
W16 x 26	31'-0	23	26	
W14 x 22	28'-6	22	22	
W14 x 22	27'-8 1/2	22	22	
W14 x 22	24'-5	20	22	
W16 x 31	37'-7	27	29	-22ND & 23RD





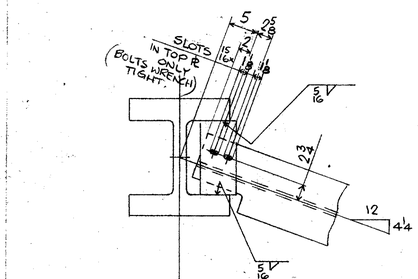
COL^{M} SEAT CONN. (W14 x 283 MIN.)

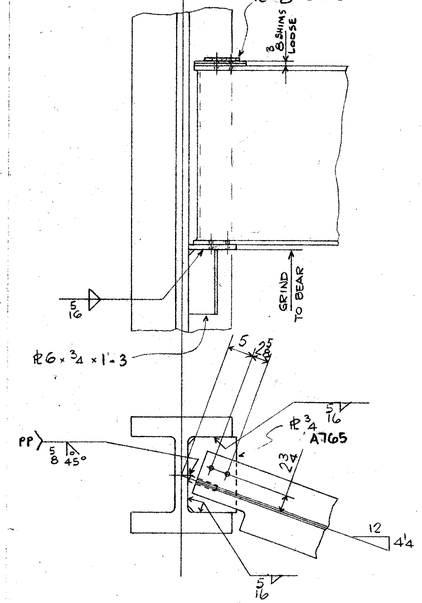
WEST WALL

USE FOR THE FOLLOWING:-

BEAM SIZE	SPAN	REACTION KIPS	CONN (KIP) CAPACITY
W12 x 19	21'-1 9/16	17	20
	17'-10 1/16	17	20
	14'-6 3/16	17	20
	11'-2 1/16	17	20

ALL BOLTS 3/4 ϕ HT. A325F





COL^{M} SEAT CONN @ (5) (W14 x 311 MIN)

WEST WALL

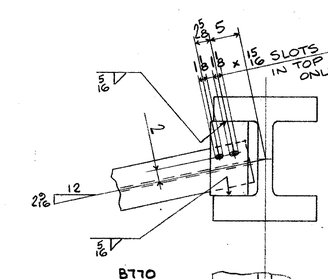
FOR W30 x 99 - 44'-2 SPAN - 24TH TO 37TH FL.

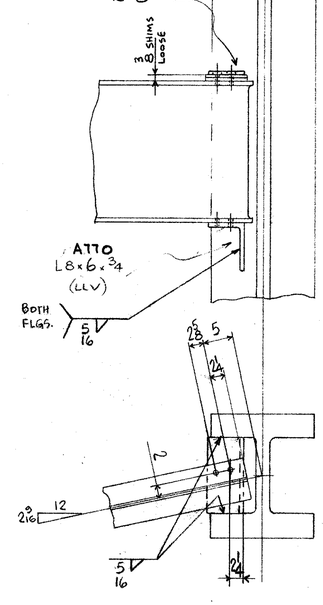
REACTION - 67 KIPS

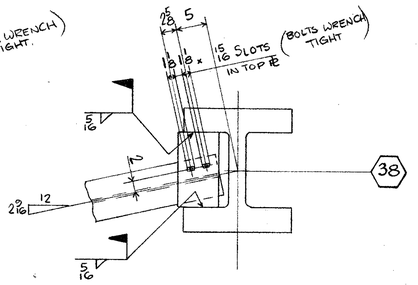
FOR W30 x 108 - 44'-2 SPAN - 22ND & 23RD

REACTION - 75 KIPS

CONN. CAPACITY - 80 KIPS







TOP PL. DETAIL @ COL (38) ONLY

(NOTE - SHIP TOP PL BOLTED TO SEAT L)

TYP. COL^{M} SEAT CONN. (W14 x 283 MIN)

EAST WALL

USE FOR THE FOLLOWING :-

BEAM SIZE	SPAN RANGE	REACTION KIPS.	CONN (KIP) CAPACITY	
W24 x 55	49'-5 7/8 to 54'-1 3/8	47	47	← NOTE - FOR W24 x 55 (SPAN 53'-8 11/16) AT COL (38) SEE DETAIL FOR TOP PL ABOVE.
W21 x 44	46'-2 1/2	34	38	

ALL BEAMS A572 - GR 50

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

USE E70 XX ELECTRODES

ALL BOLTS 7/8 ϕ HT. A325F U/N.

CONN^{S} ARE FOR 22ND TO 37TH FL. ONLY U/N

FOR LOCATIONS SEE DWG. 9154

REVISED			
DATE ____ BY ____	OPEN HOLES	15/16 ϕ U/N	COLUMN SEAT CONNECTIONS (22ND TO 37TH FL) (EAST & WEST WALLS)
DATE ____ BY ____	PAINT		7 WORLD TRADE CENTER
DATE ____ BY ____	ERECTED BY		TISHMAN CONSTRUCTION CUSTOMER
DATE ____ BY ____	FIELD PAINT		EMERY ROTH & SONS P.C. ARCHITECT
DATE ____ BY ____	INSPECTION		IRWIN G. CANTOR P.C. ENGINEER

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2

SQUAD F.R. MADE BY BF DATE MAY 85 CHKD. BY ✓ DATE

CONT. No. 84-15 SHEET 9155