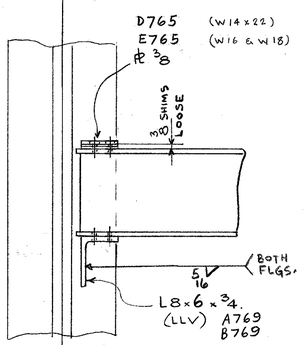
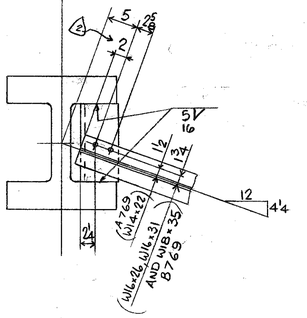




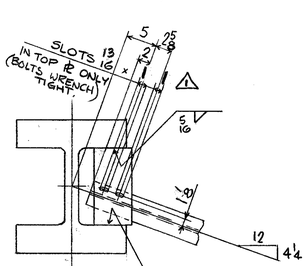


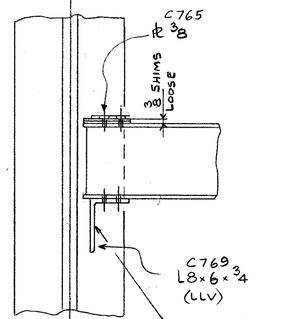
TYP. COL^{M} SEAT CONN.

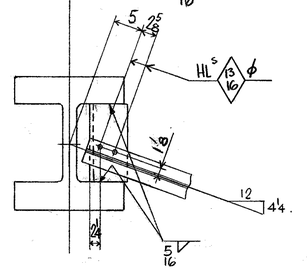
WEST WALL

USE FOR THE FOLLOWING:-

BEAM SIZE	SPAN	REACTION KIPS.	CONN. (KIPS) CAPACITY	
W18 x 35	40'-10 1/2	23	32	2
W16 x 31	35'-1 5/8	30	30	
W16 x 26	31'-9 1/2	24 ⚠3	26	
W16 x 26	37'-7	22	26	8TH TO 20TH
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	21ST FL.







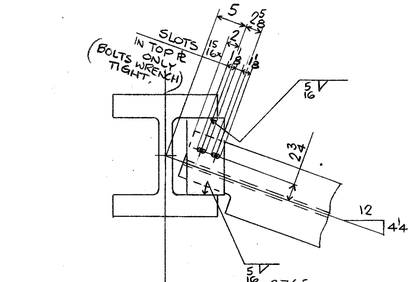
COL^{M} SEAT CONN.

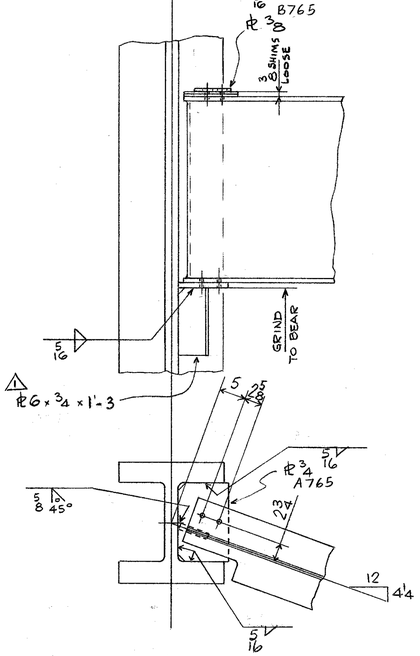
WEST WALL

USE FOR THE FOLLOWING.:-

BEAM SIZE	SPAN	REACTION KIPS	CONN (KIPS) CAPACITY	
W12 x 19	21'-1 9/16	17	20	⚠1
	17'-10 1/16	17	20	
	14'-6 7/16	17	20	
	11'-2 1/16	17	20	

ALL BOLTS 3/4 ϕ HT. A325F





COL^{M} SEAT CONN. @ ⟨5⟩ (W14 x 500 MIN)

WEST WALL

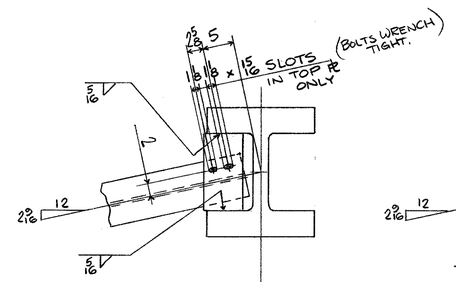
FOR W30 x 99 - 44'-2 SPAN. - 8TH TO 20TH FL.

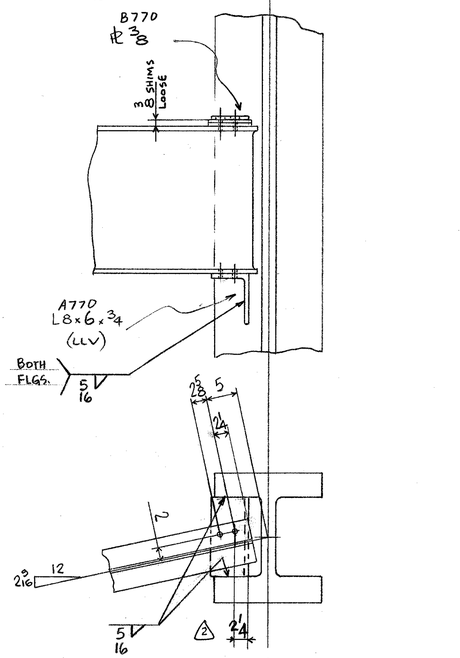
REACTION - 67 KIPS

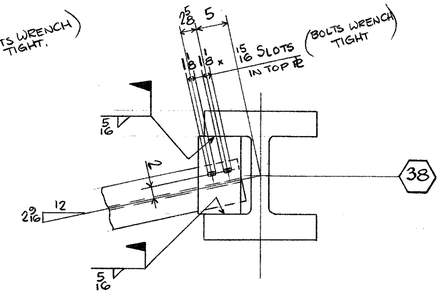
FOR W30 x 108 - 44'-2 SPAN - 21ST FL.

REACTION - 75 KIPS.

CONN. CAPACITY - 80 KIPS.







⚠1 TOP ℄ DETAIL @ COL ⟨38⟩ ONLY

(NOTE - SHIP TOP ℄ BOLTED TO SEAT L)

TYP. COL^{M} SEAT CONN.

EAST WALL

USE FOR THE FOLLOWING :-

BEAM SIZE	SPAN RANGE	REACTION KIPS.	CONN. (KIPS) CAPACITY	
W24 x 55	49'-5 3/8 to 54'-1 3/8	47 ⚠2	47 ⚠2	⚠1
W21 x 44	46'-2 1/2	34 ⚠2	38 ⚠2	

⚠1 NOTE - FOR W24 x 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 7/8 ϕ HT. A325F U/N.

CONN^{S}. ARE FOR 8TH TO 21ST FL. ONLY U/N

July 8/85E

REVISED			
DATE ____ BY ____	OPEN HOLES 15/16 ϕ U/N	COLUMN SEAT CONNECTIONS (EAST & WEST WALLS)	FRANKEL STEEL LIMITED
DATE ____ BY ____	PAINT ____	7 WORLD TRADE CENTER	220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2
⚠3 DATE MAY 27/85 BY BF	ERECTED BY ____	TISHMAN CONSTRUCTION CUSTOMER	SQUAD F.R.
⚠2 DATE MAY 13/85 BY BF	FIELD PAINT ____	EMERY ROTH & SONS P.C. ARCHITECT	MADE BY HL DATE FEB 85 CHKD. BY BF DATE MAR 28/85
⚠1 DATE APRIL 5-85 BY HL	INSPECTION ____	IRWIN G. CANTOR P.C. ENGINEER	CONT. No. 84-15 SHEET 9101

⚠3 TO APPROVAL
⚠2
⚠1 REV. AS SHOWN