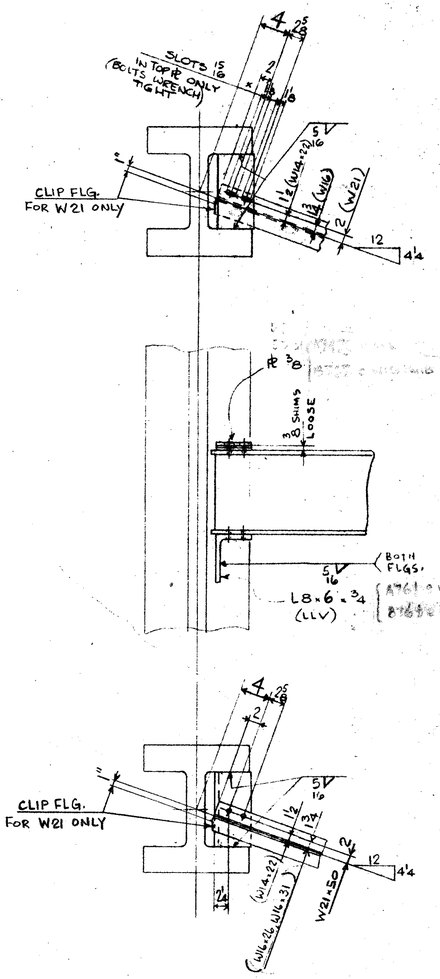


TYP. COL^{M} SEAT CONN. (W14x109 MIN.)

WEST WALL

USE FOR THE FOLLOWING:-

BEAM SIZE	SPAN	REACTION KIPS.	CONN. (KIP CAPACITY
W21x50	40'-10 1/2	38	43
W16x31	35'-1 5/8	30	30
W16x26	31'-9 1/2	24	26
W16x26	37'-7	22	26
W16x26	34'-3 1/2	25	26
W16x26	31'-0	23	26
W14x22	28'-6	22	22
W14x22	27'-8 1/2	22	22
W14x22	24'-5	20	22

COL^{M} SEAT CONN. (W14x109 MIN.)

WEST WALL

USE FOR THE FOLLOWING :-

BEAM SIZE	SPAN	REACTION KIPS	CONN (KIP CAPACITY
W12x19	21'-1 7/8	17	20
	17'-10 1/16	17	20
	14'-6 7/8	17	20
	11'-2 1/16	17	20

ALL BOLTS 3/4 ϕ HT. A325F

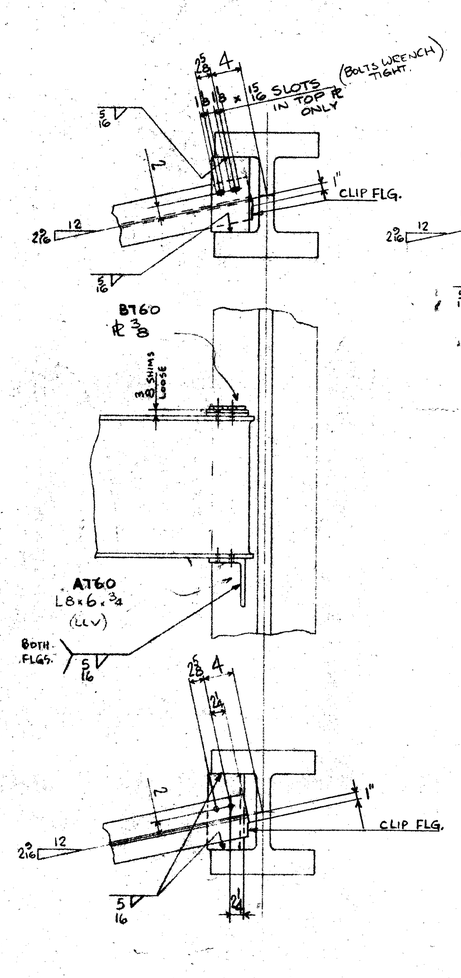
COL^{M} SEAT CONN @ ⟨5⟩ (W14x109 MIN)

WEST WALL

FOR W36x150 · 44'-2 SPAN

REACTION - 188 KIPS

CONN. CAPACITY - 190 KIPS



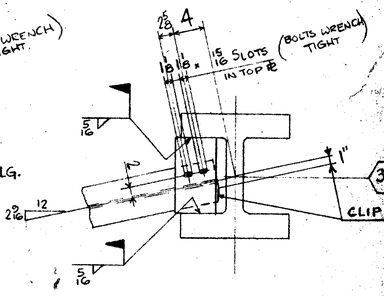
TYP. COL^{M} SEAT CONN. (W14 x 109 MIN)

EAST WALL

USE FOR THE FOLLOWING :-

BEAM SIZE	SPAN RANGE	REACTION KIPS	CONN (KIP CAPACITY
W24x55	51'-6 1/4 TO 54'-6	47	47
W21x44			

← NOTE - FOR W24x55 (SPAN 53'-8 1/16") AT COL ⟨38⟩ SEE DETAIL FOR TOP ℄ ABOVE.



TOP ℄ DETAIL @ COL ⟨38⟩ ONLY

(NOTE - SHIP TOP ℄ BOLTED TO SEAT L)

ALL BEAMS A572. GR 50

ALL DETAIL MATL G40.21 - 44W, M

USE E70 XX ELECTRODES

ALL BOLTS 7/8 ϕ HT. A325F U/N

CONN^{S} ARE FOR 46TH FL. ONLY

FOR LOCATIONS SEE Dwg. 9181

REVISED		15 3/4
DATE ___ BY ___	OPEN HOLES	
DATE ___ BY ___	PAINT	
DATE ___ BY ___	WORKED BY	
DATE ___ BY ___	FIELD PAINT	
DATE ___ BY ___	INSPECTED	

46TH FLOOR COLUMN SEAT CONNECTIONS (EAST & WEST WALLS)

7 WORLD TRADE CENTER

TISHMAN CONSTRUCTION CORPORATION

EMERY ROTH & SONS P.C. ARCHITECTS

ISHAN & SANTOR P.C. ENGINEERS

FRANKEL STEEL CORP. 520 ATTWELL DRIVE UNIT 3 REXDALE, ONTARIO

SQUAD FR, MARKET BF, DATE SEPT 85, SHEET 9182, COST NO. 84-15