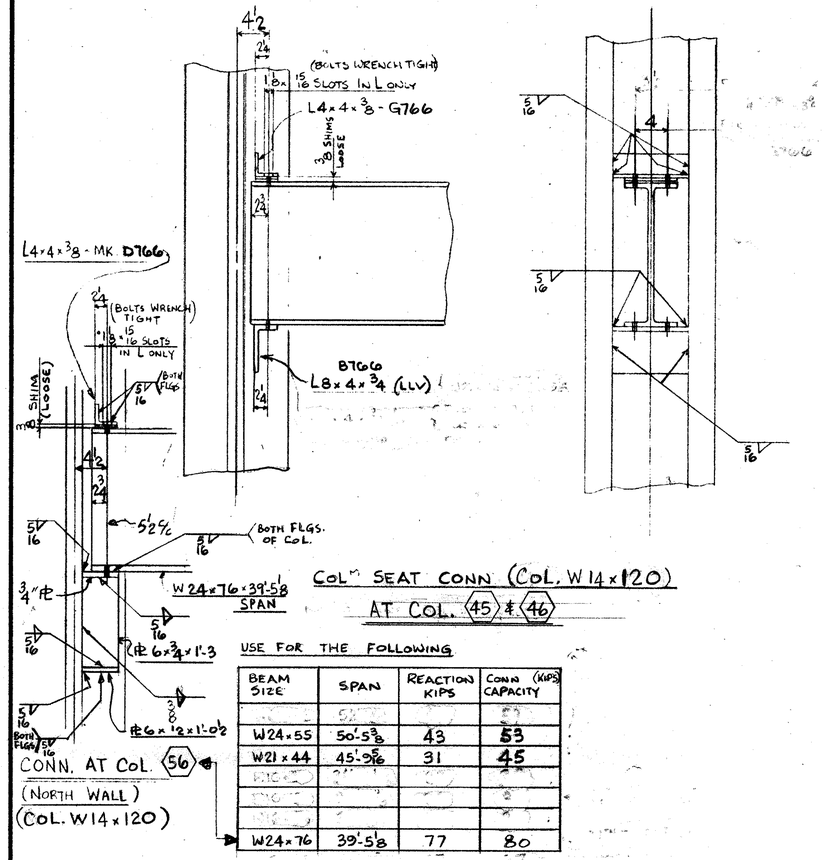
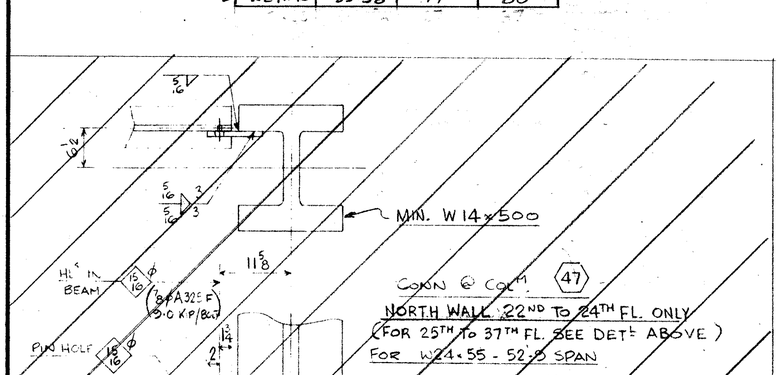



## COL^M SEAT CONN (COL. W14×120) AT COL. 45 & 46

USE FOR THE FOLLOWING

| BEAM SIZE | SPAN | REACTION KIPS | CONN (KIPS) CAPACITY |
|---|---|---|---|
| | | | |
| W24×55 | 50'-5 3/8 | 43 | 53 |
| W21×44 | 45'-9 5/16 | 31 | 45 |
| | | | |
| | | | |
| | | | |
| W24×76 | 39'-5⅛ | 77 | 80 |




CONN @ COL^M 47

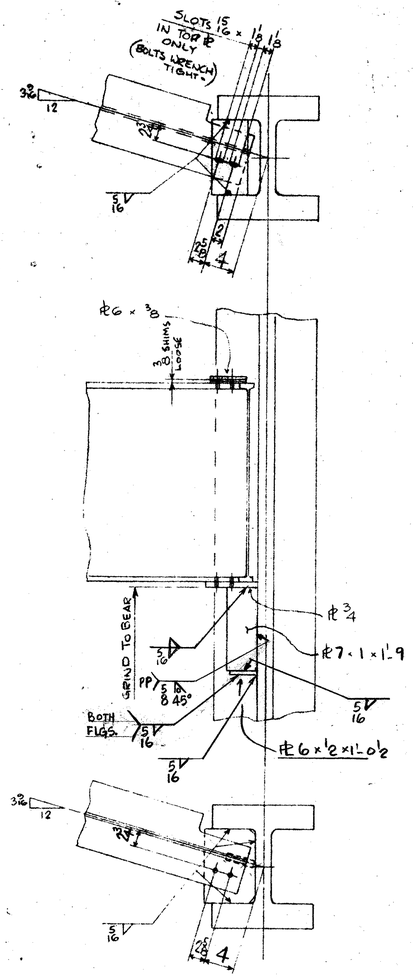
NORTH WALL 22ND TO 24TH FL. ONLY

(FOR 25TH TO 37TH FL. SEE DET^L ABOVE)

FOR W24×55 - 52'-5 SPAN

REACTION = 48 KIPS

CONN CAPACITY = 54 KIPS



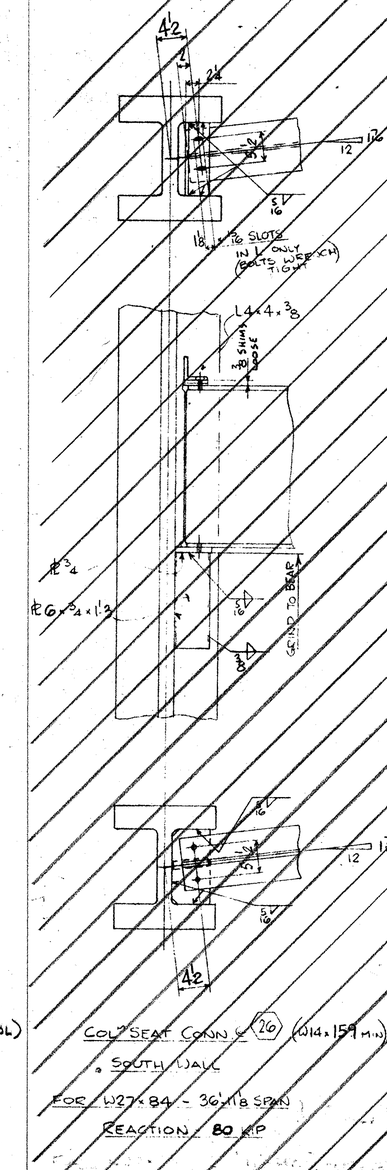

COL^M SEAT CONN @ 44 (W14×120 COL)

NORTH WALL

FOR W33×130 - 45'-7⅝ SPAN

REACTION = 127 KIP

CONN. CAPACITY = 132 KIP




COL^M SEAT CONN @ 26 (W14×159 M.W.)

SOUTH WALL

FOR W27×84 - 36'-11⅝ SPAN

REACTION 80 KIP

CONN. CAPACITY = 80 KIP

COL^M SEAT CONN @ 26

SOUTH WALL

8TH FL. ONLY

FOR W27×84 - 36'-11⅝ SPAN

⚠ REACTION = 80 KIP. (HORIZ. = 75 KIP)

CONN. CAPACITY = 80 KIP (HORIZ. = 84 KIP)

COL SLOPES TO 7TH FLOOR BELOW SEE DWG. 9151

ALL BEAMS A572 GR 50

ALL DETAIL MATL G40.21-44W

USE E70 XX ELECTRODES

ALL BOLTS ⅞ø HT. A325

FRICTION VALUE - 10.5 KIPS/BOLT U/N

CONN^S ARE FOR 46 FLOOR ONLY

SEE DWG. 9181 FOR LOCATIONS

| REVISED | | 46TH FLOOR BEAM To COLUMN CONNECTIONS (NORTH WALL) | FRANKEL STEEL LIMITED |
|---|---|---|---|
| DATE ___ BY ___ | OPEN HOLES 15/16ø U/N | 7 WORLD TRADE CENTER | 220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5Z5 |
| DATE ___ BY ___ | PAINT | TISHMAN CONSTRUCTION (CUSTOMER) | SQUAD FR |
| DATE ___ BY ___ | ERECTED BY | EMERY ROTH & SONS P.C. (ARCHITECT) | MADE BY IRF DATE SEPT/85 CHKD. BY DATE |
| DATE ___ BY ___ | FIELD PAINT | IRWIN G. CANTOR PC (ENGINEER) | CONT. No. 84-15 SHEET 9183 |
| DATE ___ BY ___ | INSPECTION | | |