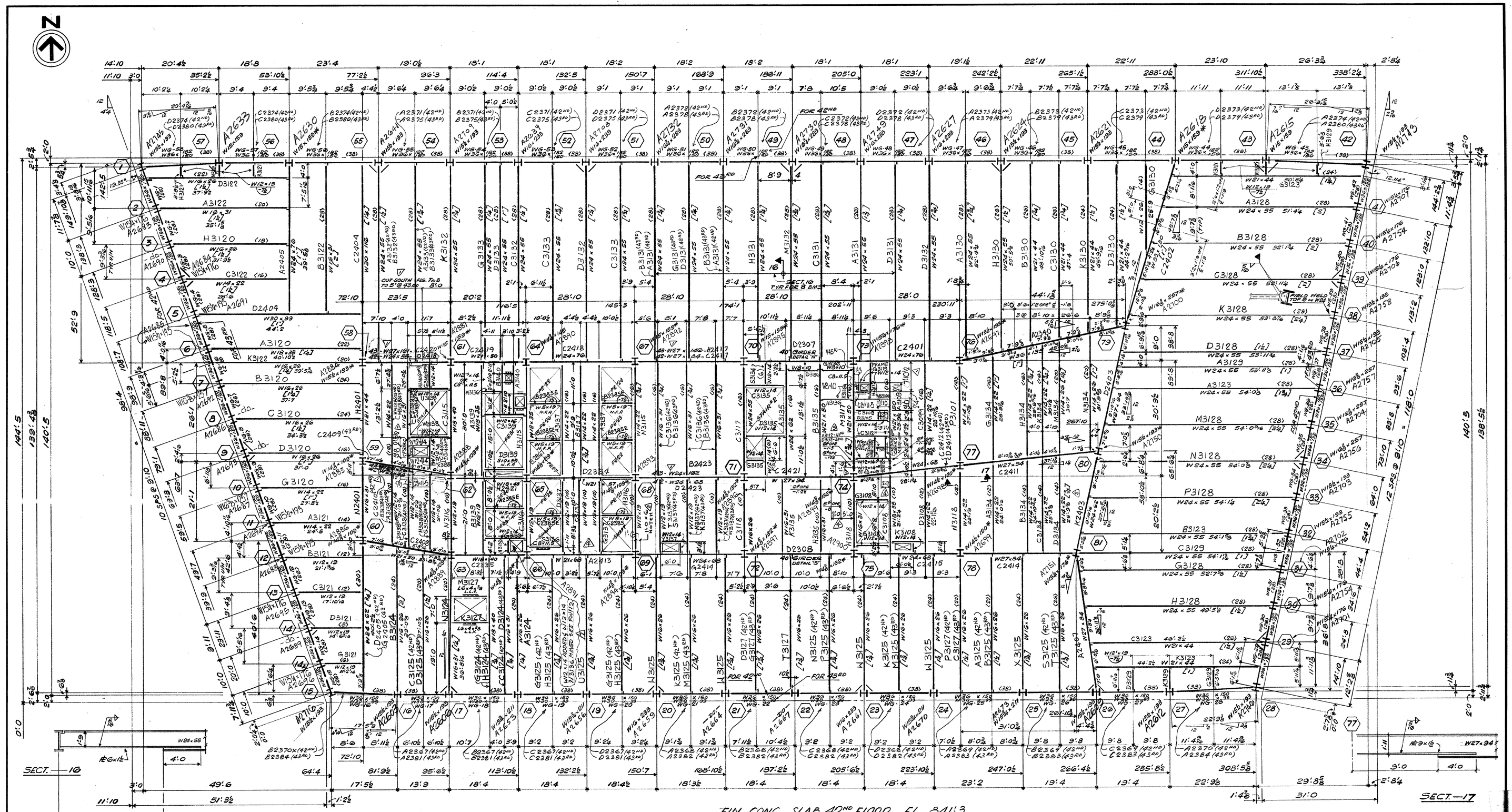



FOR KEY PLAN SHOWING CONNECTION LOCATIONS SEE DWG. 9171

BUILT-UP GIRDER DETAIL — 'N' (A572 GR.50)
GIRDER REACTION = 100 K
PROVIDE FULL DEPTH CONNECTION FOR ALL BEAMS FRAMING INTO THE NORTH SIDE OF THE BUILT-UP GIRDER

BUILT-UP GIRDER DETAIL — 'S' (A572 GR.50)
GIRDER REACTION = 75 K.
PROVIDE FULL DEPTH CONNECTION FOR ALL BEAMS FRAMING INTO THE SOUTH SIDE OF THE BUILT-UP GIRDER

ℓ SIZES & WELDING SAME AS DETAIL 'N'

FIN. CONC. SLAB 42ND FLOOR EL. 841'3
FIN. CONC. SLAB 43RD FLOOR EL. 854'0
TOP OF STEEL 5½" BELOW FIN. CONC. SLAB U.N.
ALL BEAMS SHALL BE ASTM A-572 GRADE 50 EXCEPT:—
WIND GIRDERS INDICATED "WG" ON PLAN,
ALL BEAMS W5×19 (-7½) & SPANDREL BRACE BEAMS W12×19 (-7½)
WHICH SHALL BE ASTM A-36

ALL COLS ARE A36 EXCEPT COLS WITH * WHICH ARE A572 GR.50
REINF. PLS FOR COLS WITH * UP TO 2" THK. — A572 GR.50
OVER 2" THK. — A588
OVER 4" THK. — A572 GR.42
OVER 6" THK. — A588

BEAM OPENING ℄ ELEVATIONS, ARE GIVEN WITH RESPECT TO TOP OF STEEL.

<....> INDICATES ¾ø × 5 SHEAR STUDS, FIELD APPLIED
[...] INDICATES CAMBER

FOR GENERAL NOTES — SEE E120
COL. SCHEDULES — E117; 117A; 118.
FOR SPANDREL TRUSS CONNECTIONS TO PERIMETER COLS. & WIND GIRDERS, SEE CW-2
6 FOR ADDITIONAL STUDS SEE CUST. DWG. SB REV. 1

22ND. TIER Dec 9/85

| REVISED | | |
|---|---|---|
| DATE | BY | OPEN HOLES |
| DATE | BY | PAINT |
| DATE | BY | ERECTED BY |
| DATE | BY | FIELD PAINT |
| DATE | BY | INSPECTION |

42ND & 43RD FLOOR FRAMING PLAN.
7 WORLD TRADE CENTER.
TISHMAN CONSTRUCTION. — CUSTOMER
EMERY ROTH & SONS P.C. — ARCHITECT
IRWIN G. CANTOR P.C. — ENGINEER

| NO | DATE | BY | REVISION. |
|---|---|---|---|
| 7 | JAN. 23/86 | SF | X60 NOTE ADDED, EW 112 & COL. 66 |
| 6 | Nov. 19/85 | BF | NOTE FOR ADD. STUDS (X54) |
| 5 | AUG 28/85 | BF | X44 - REMOVED NEAR 74. NOTE FOR 42ND FL. ONLY (NEAR W14×176 ADDED AT 42ND 73 W6 REMOVED AT 43RD |
| 4 | AUG 20/85 | BF | X44 - HLS RELOCATED NEAR 74, BM REMOVED NEAR 63 |
| 3 | JULY 4/85 | BF | HLS. LOCATED NEAR Col. 74 |
| 2 | JUNE 4/85 | BF | (X28) NOTCH ADDED NEAR 69 |
| 1 | MAY 9 | JIM | DERRICK SUPPORT BMS @ 43RD F.... TO SUIT CUST DWG. S11.6 |

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

SQUAD F.R.
MADE BY GP DATE CHKD. BY JIM DATE MAY
CONT. No. 84-15 SHEET E42/43