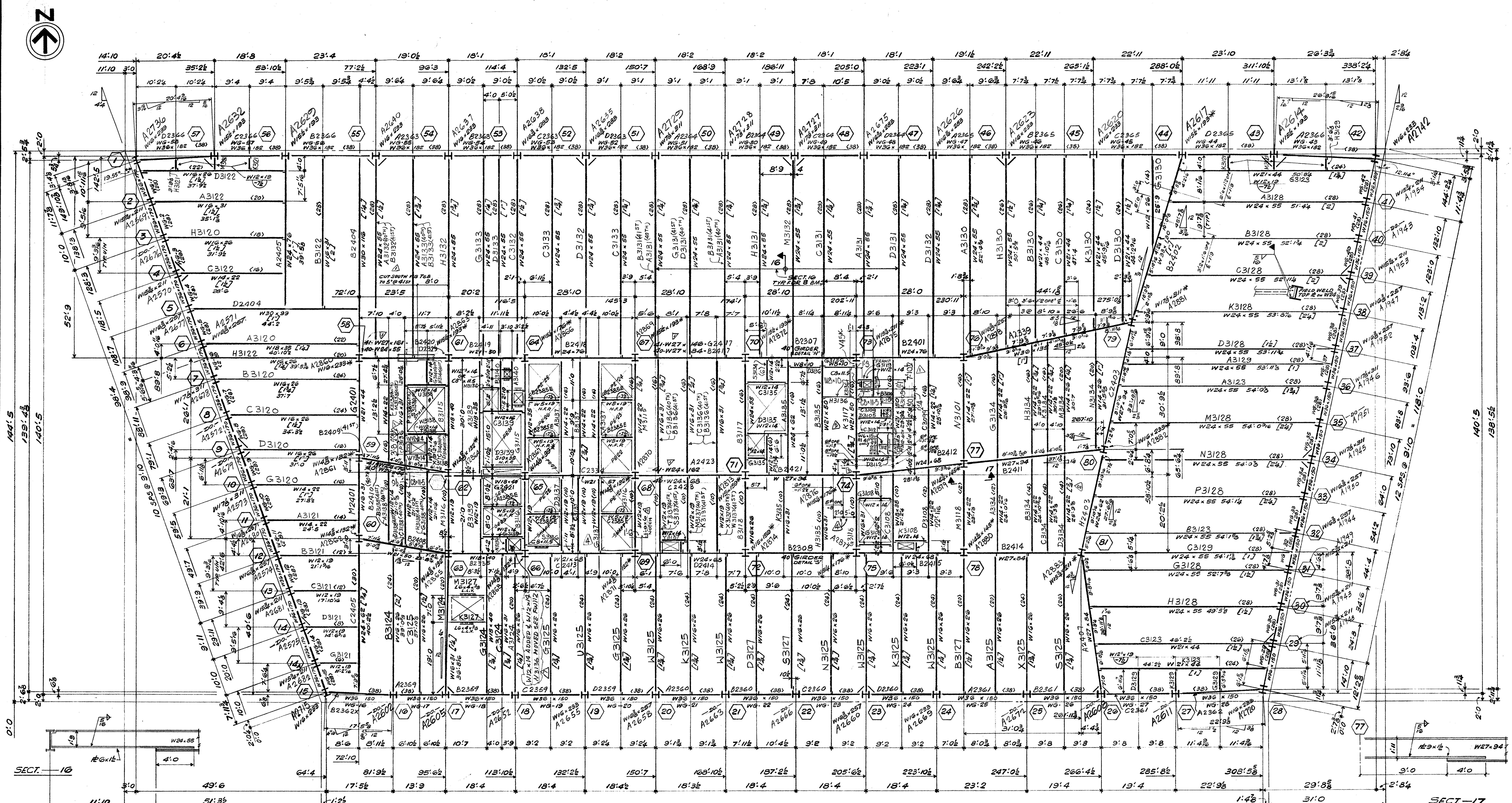
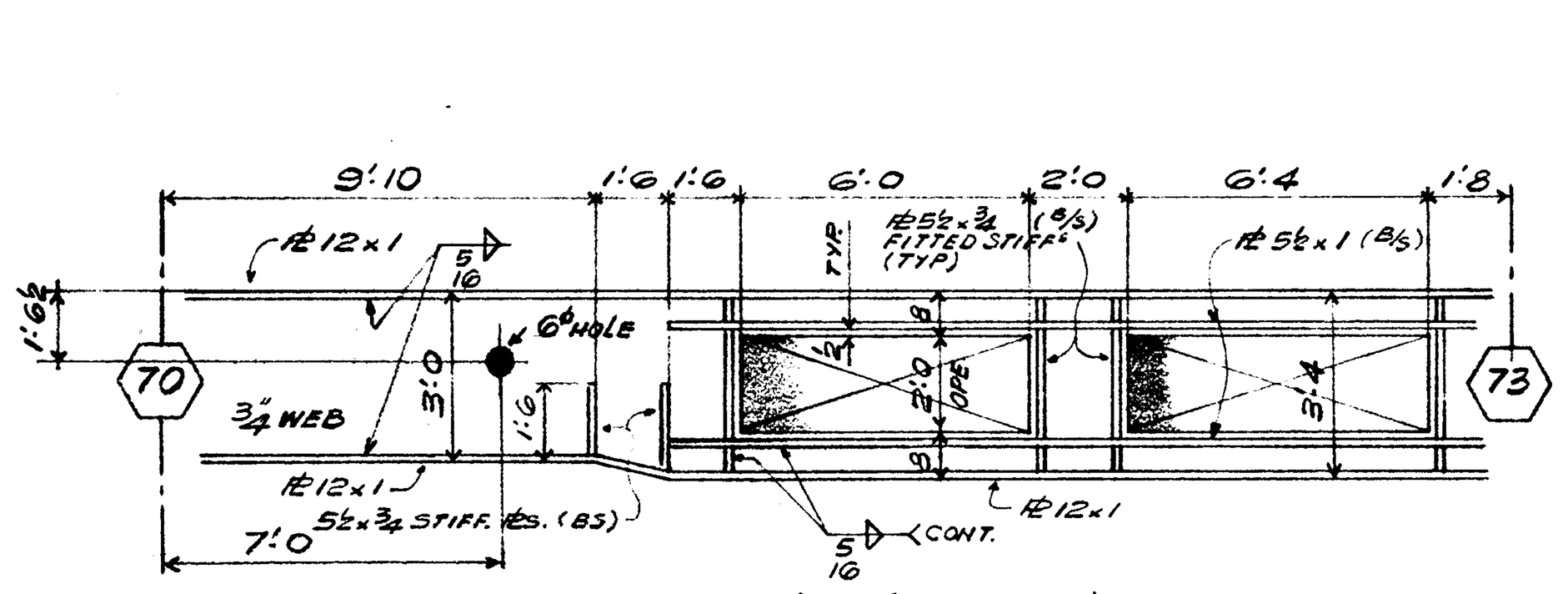
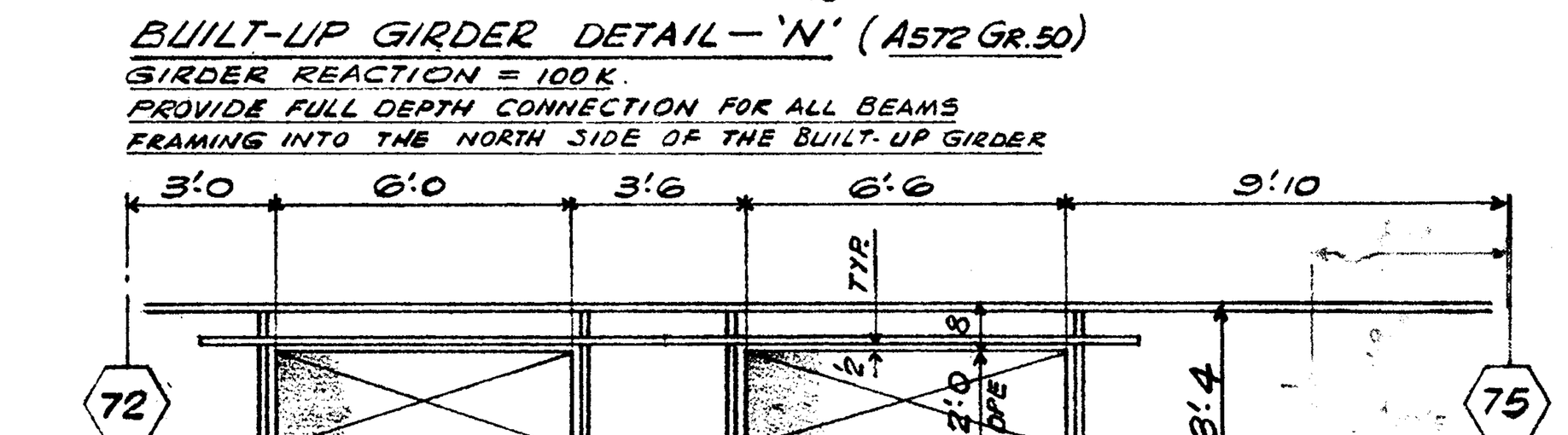


FOR KEY PLAN SHOWING CONNECTION LOCATIONS SEE DWG. 9171

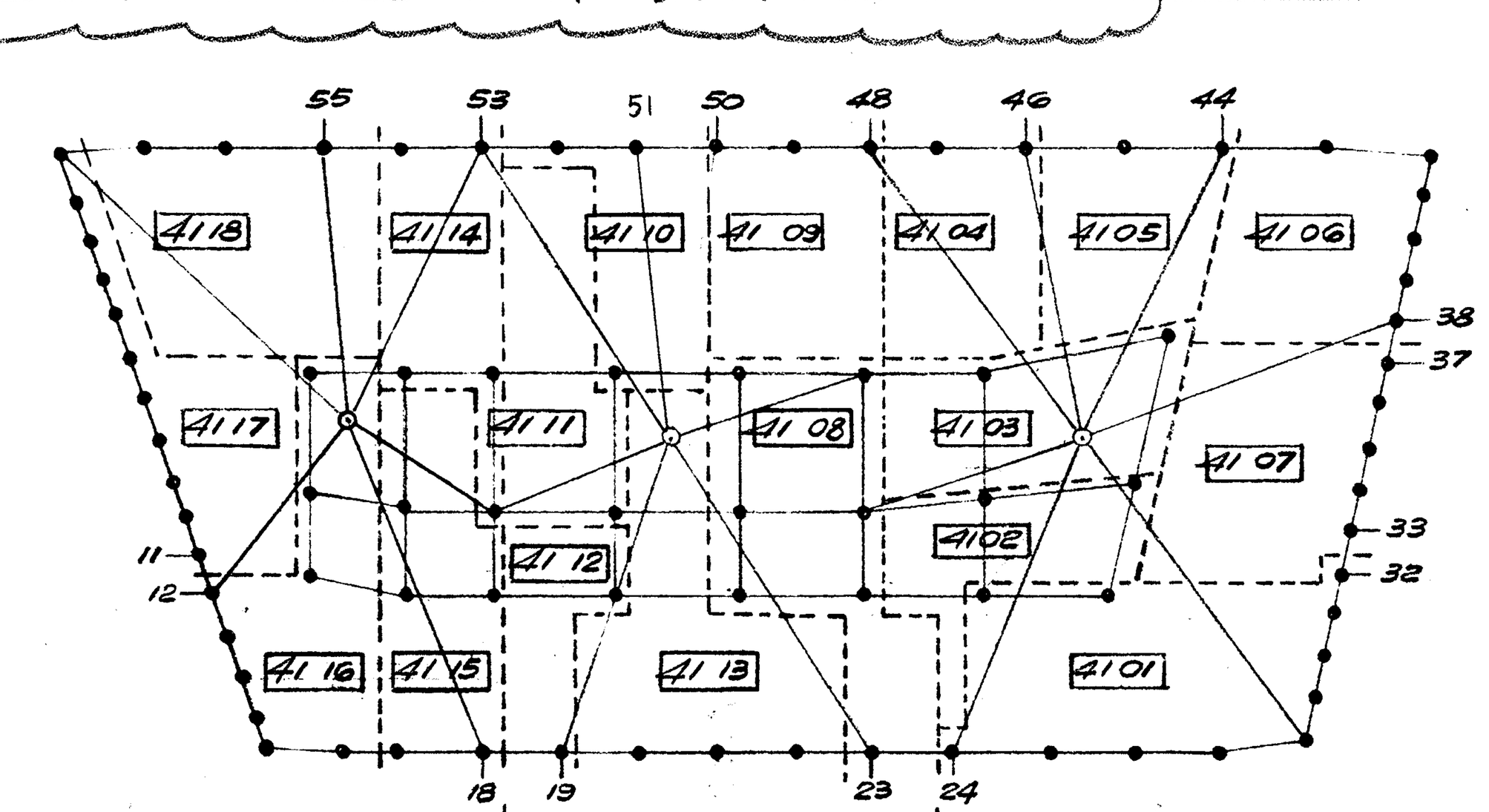


BUILT-UP GIRDER DETAIL—'N' (A572 GR.50)
GIRDER REACTION = 100 K.
PROVIDE FULL DEPTH CONNECTION FOR ALL BEAMS FRAMING INTO THE NORTH SIDE OF THE BUILT-UP GIRDER



PL. SIZES & WELDING SAME AS DETAIL 'N'

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



KEY PLAN SHOWING SHIPPING DIVS.

FIN. CONC. SLAB 40TH FLOOR EL. 815'9
FIN. CONC. SLAB 41ST FLOOR EL. 828'6
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 ¾"⌀ × 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)

NO.	DATE	BY	REVISION
7	JAN. 23/86	SF	X60 NOTE ADDED FW112 @ COL. 66
6	Nov. 12/85	BF	NOTE FOR ADD. STUDS (X54)
5	AUG. 28/85	BF	X44. NOTE FOR 41ST ONLY REMOVED NEAR 74
4	AUG. 20/85	BF	X44 HLS RE-LOCATED NEAR COL 74 BM. REMOVED NEAR 69
3	JULY 4/85	BF	HLS. LOCATED NEAR COL. 74
2	JUNE 4/85	BF	(X28) NOTCH ADDED NEAR 69 DERRICK SUPPORT BMS. @ 41ST. E...
1	MAY 9	JIM	TO SUIT CUST DWG. S11 (A)

21ST TIER Dec 2/85 F

REVISED		
DATE ___ BY ___	OPEN HOLES	
DATE ___ BY ___	PAINT	
DATE ___ BY ___	ERECTED BY	
DATE ___ BY ___	FIELD PAINT	
DATE ___ BY ___	INSPECTION	

40TH & 41ST FLOOR FRAMING PLAN.
7 WORLD TRADE CENTER.
TISHMAN CONSTRUCTION. CUSTOMER
EMERY ROTH & SONS P.C. ARCHITECT
IRWIN G. CANTOR P.C. ENGINEER

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2
SQUAD F.R.
MADE BY GP DATE CHKD. BY JIM DATE
CONT. No. 84-15 SHEET E40/41