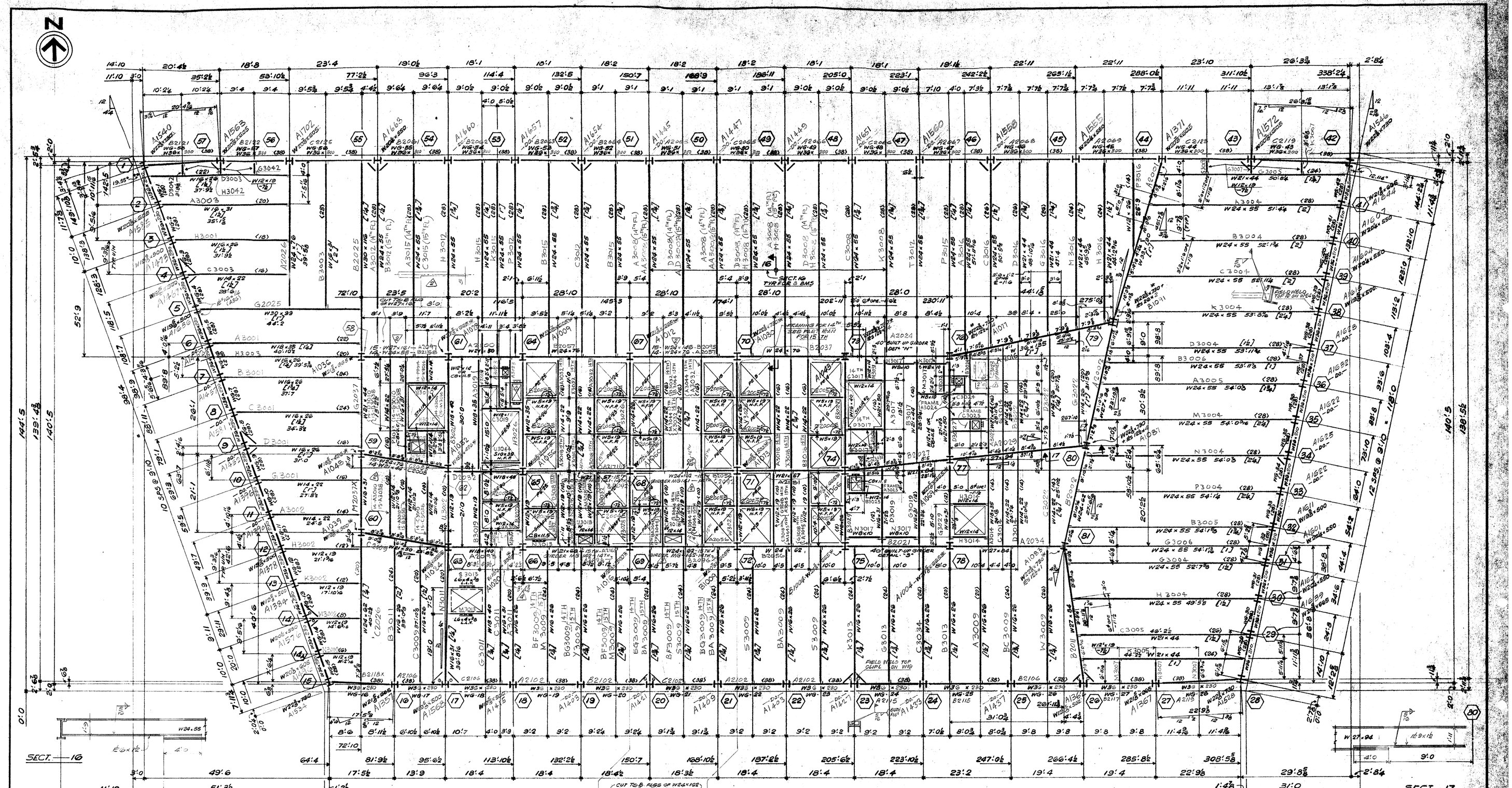


FOR KEY PLAN SHOWING CONNECTION LOCATIONS SEE DWG. 9100

PLATE GIRDER SCHEDULE

MARK	FL.	REACTION N/B	REACTION S/W	FLS. E.	WEB E.	DEPTH	STEEL GRADE
MG-141	14	50K	30K	7×1	13-3/8	15	GR.50
MG-142	14	50K	50K	10×1	18-1/2	15	GR.50
MG-151	15	155K	155K	7×2	50-3/8	30	GR.50
MG-152	15	190K	130K	7×2½	31×1	36	A36

BUILT-UP GIRDER DETAIL — 'N'
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'
GIRDER REACTION = 75 K
PROVIDE FULL DEPTH CONNECTION FOR ALL BEAMS FRAMING INTO THE SOUTH SIDE OF THE BUILT-UP GIRDER

R. SIZES & WELDING SAME AS DETAIL 'N'

FIN. CONC. SLAB 14TH FLOOR EL. 478'-3
FIN. CONC. SLAB 15TH FLOOR EL. 491'-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 W8×19 (7'-6") & SPANDREL BRACE BEAMS W12×19 (7'-6") WHICH SHALL BE ASTM A-36
ALL COLS ARE A36 EXCEPT COLS WITH * WHICH ARE A572 GR.50
REINF. PL'S 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"ø × 5 SHEAR STUDS, FIELD APPLIED
[....] INDICATES CAMBER
FOR GENERAL NOTES—SEE E120
COL. SCHEDULE ——— E117 ; 117A
FOR SPANDREL TRUSS CONNECTIONS TO PERIMETER COLS & WIND GIRDERS, SEE CW-1
5 FOR ADDITIONAL STUDS SEE CUST. DWG. 58 REV. 1

PART PLAN — 15TH. FL.

SHEAVE BM. DETAIL
FOR LOCATION SEE OTIS ELEVATOR DRG 353171-MR.

SECT. — X-X

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

14TH & 15TH FLOOR FRAMING PLAN.
7 WORLD TRADE CENTER.
TISHMAN CONSTRUCTION. CUSTOMER
EMERY ROTH & SONS P.C. ARCHITECT
IRWIN G. CANTOR P.E. ENGINEER

NO.	DATE	BY	REVISION.
5	11/19/85	BF	NOTE FOR ADD STUDS (X56)
4	5/28/85	GP	X26 OPEN'G @ COL 66 REV.
3	5/9/85	GP	X22 - MG142 REF. GR 572 @ 14TH
2	5/7/85	GP	DERRICK SUPPORT BMS @ 15TH.
			ELEC'L CLOSET "C" REV. 3/21/85
1	4/19/85	GP	TO APPROVAL 4/17/85

DELETED

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

SQUAD F.R. MADE BY GP DATE CHKD. BY Jim DATE
CONT. No. 84-15 SHEET F14/15