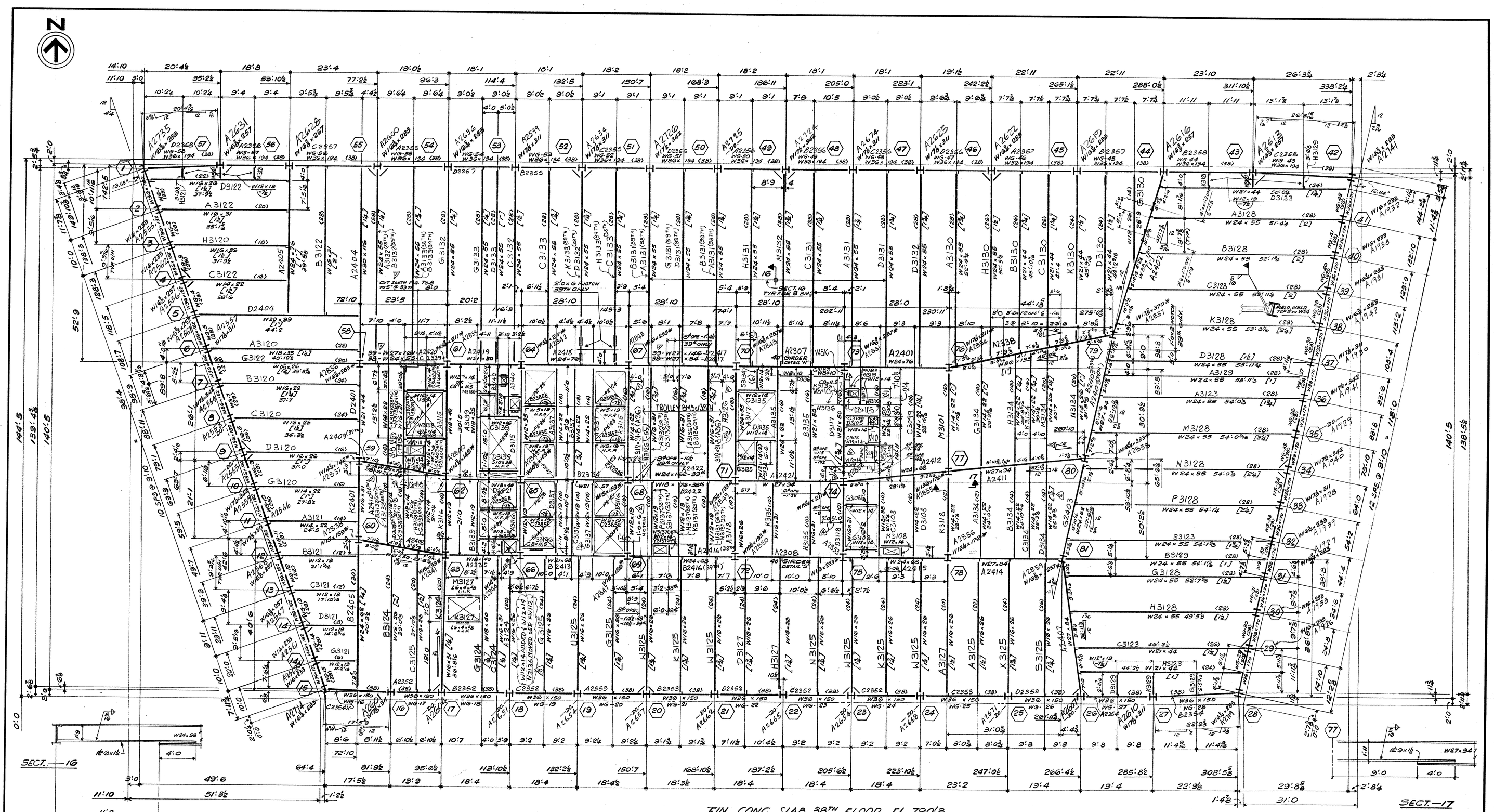
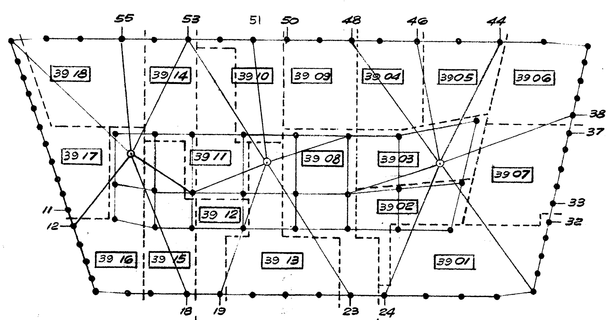
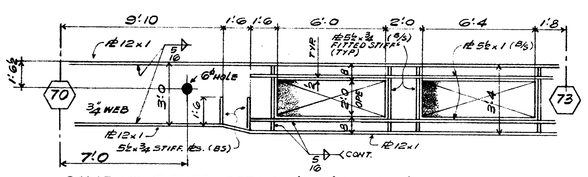


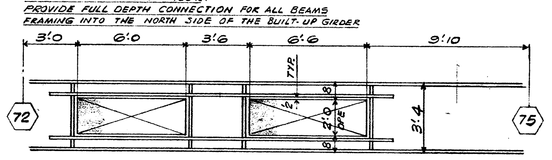
FOR KEY PLAN SHOWING CONNECTION LOCATIONS SEE DWG. 9171



KEY PLAN SHOWING SHIPPING DIVS.



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



R. 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

EIN. CONC. SLAB 38TH FLOOR EL. 790'3
EIN. CONC. SLAB 39TH FLOOR EL. 803'0
TOP OF STEEL 5½" BELOW EIN. 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
7. FOR ADDITIONAL STUDS SEE CUST. DWG. 58 (1)

NO.	DATE	BY	REVISION.
			DERRICK SUPPORT BMS @ 39TH FL.
1	MAY 8	JIM	TO SUIT CUST DWG. 511 (B)
2	JAN. 27/86	SF	X60 NOTE ADDED FW112
3	NOV. 17/85	BF	NOTE FOR ADD. STUDS (X54)
4	AUG. 29/85	BF	X44 - BMS ADDED NEAR 74
5	AUG. 23/85	BF	X43 - TROLLEY BMS LOCATED
6	AUG. 20/85	BF	HLS RE-LOCATED NEAR COL 72 & BM. REMOVED NEAR 69
7	JULY 4/85	BF	HLS. LOCATED NEAR COL. 74.
8	JUNE 4/85	BF	X28 NOTCH ADDED NEAR 69

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

20TH TIER Dec 4/85E

39TH & 39TH 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 MAY
CONT. No. 84-15 SHEET E38/39