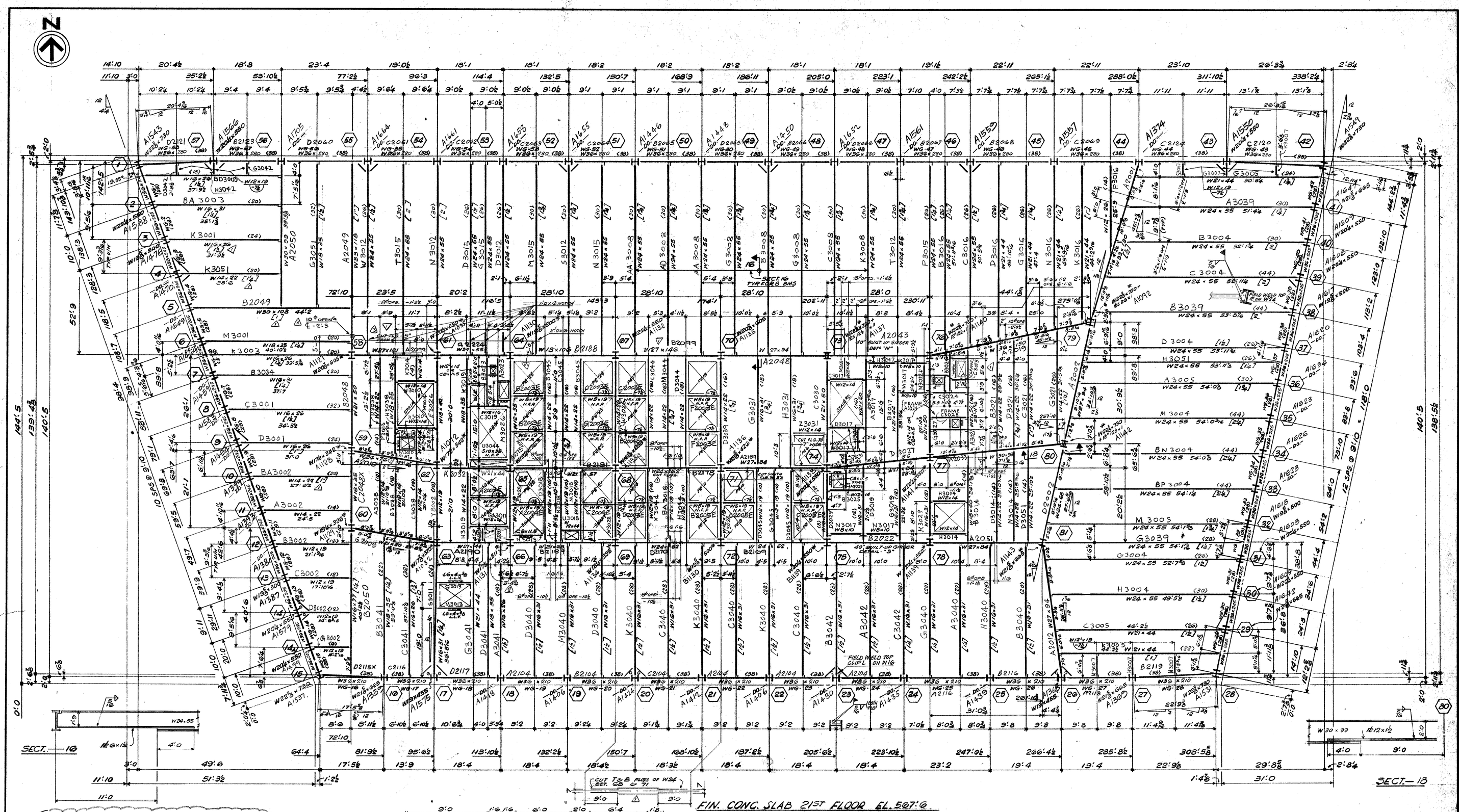
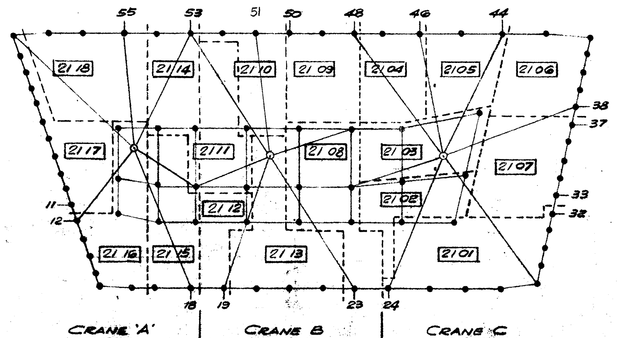
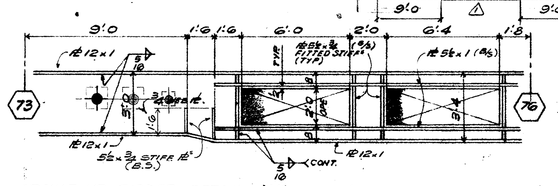


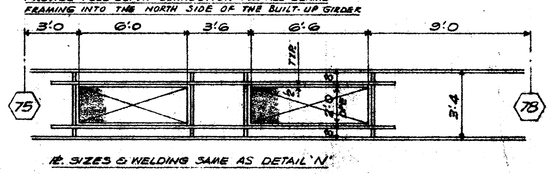

FOR KEY PLAN SHOWING CONNECTION LOCATIONS SEE DWG. 9100




KEY PLAN SHOWING SHIPPING DIVS.



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



#. SIZES & WELDING SAME AS DETAIL 'N'

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

FIN. CONC. SLAB 21ST FLOOR EL. 567'-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 (-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. 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. SCHEDULES — E117 ; 117A
FOR SPANDREL TRUSS CONNECTIONS TO PERIMETER COL'S & WIND GIRDERS, SEE CW-1

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

| | | |
|---|---|---|
| 21ST FLOOR FRAMING PLAN. | | |
| 7 WORLD TRADE CENTER. | | |
| TISHMAN CONSTRUCTION. | CUSTOMER | |
| EMERY ROTH & SONS P.C. | ARCHITECT | |
| IRWIN G. CANTOR P.E. | ENGINEER | |

11TH TIER Aug 28/85 E July 5/85 E

| NO. | DATE | BY | REVISION. |
|---|---|---|---|
| 3 | 6/4/85 | BF | X28 NOTCHES ADDED & RE-LOCATED & 10¢ OPENG ADDED AT COL B/4 |
| 2 | 5/23/85 | GP | X26 OPEN'G @ COL GG REV. |
| 1 | | | DERRICK SUPPORT BMS. |
| 4 | 5/8/86 | GP | ELECTRIC CLOSET "C" REV. |

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

SQUAD F.R. MADE BY GP DATE CHKD. BY JIM DATE APR/86
CONT. No. 84-15 SHEET E21