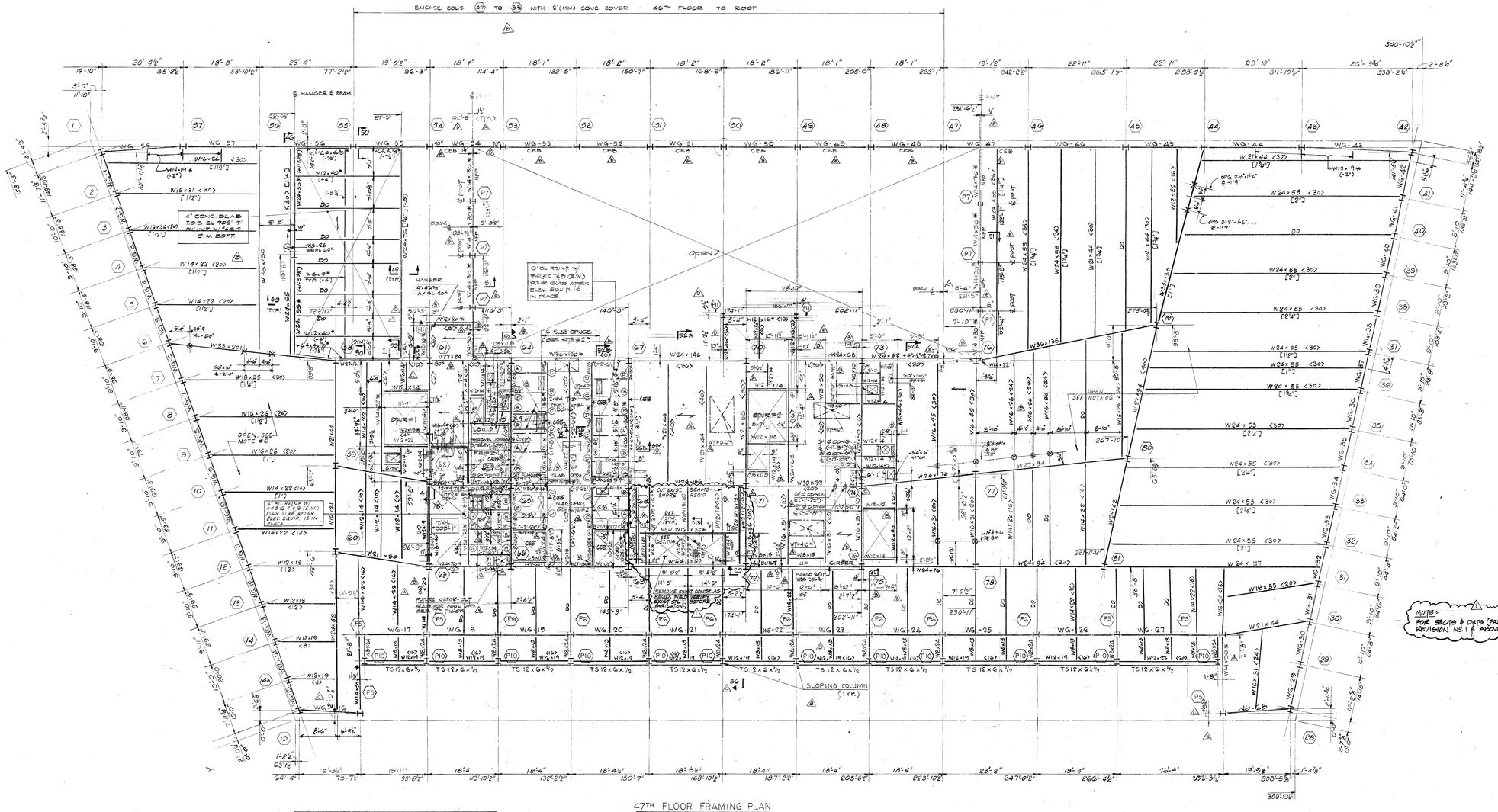


HANGER SCHEDULE (47TH FLOOR)

MARK	SIZE	AXIAL LOAD	REMARKS
H1	L4"x4"x1/2	20 K	
H2	L7"x7"x1"	40 K	
H3	W8x28 *	55 K	* ASTM A-36 STEEL
H4	L4"x4"x3/8	25 K	
H5	L4"x4"x5/8	70 K	
H6	L5"x5"x3/8	15 K	
H7	L4"x6"x1/2	45 K	
H8	W8x28 *	60 K	* ASTM A-36 STEEL

47TH FLOOR FRAMING PLAN

1. TOP OF BEAMS EL. +800'-0" U.O.N. IN PLAN & TOP OF GIRDER EL. TO BE +800'-0½" UNLESS THUS NOTED (2 ....) AS DISTANCE ABOVE OR BELOW EL. 800'-0½"
2. DO COORDINATE LOCATION OF SLAB OPNGS. AS NOTED IN PLAN THRU ELEVATOR MACHINE ROOMS WITH THE ELEV. SHOP DWGS.
3. LEGEND: △ ▲
   'MC' INDICATES FULL CAPACITY MOMENT CONNECT; SEE TYPICAL DETAIL DWG. S-24A
   'G' INDICATES STEEL BM OPNG @ EL. INDICATED IS WITH RESPECT TO THE TOP OF STEEL.
4. FOR BALANCE OF NOTES SEE DWG. S-12.
5. FOR DUCT 'P' SIZES, SEE DUCT SCHEDULE, DWG. S-12
6. AT ALL COLUMNS EXCEPT COL # AT THRU # 55 △
   PROVIDE HOLES FOR CONNECTIONS FOR FUTURE FLOOR FRAMING ELVS. AS FLOOR AS
7. NOTATION 'CEB' INDICATES BEAM WITH 2" MIN. CONC. ENCASEMENT. W/6x6-W1.4xW1.4 WWF U.O.N. △
8. SLAB TO BE 5½" (3"+2½") THICK STONE CONCRETE HAVING A COMPRESSIVE STRENGTH OF 5500 PSI AT 28 DAYS. PLACED OVER 3" DEEP 20 GAUGE COMPOSITE METAL DECK REINFORCED WITH 6x6-W1.4xW1.4 W.W.F U.O.N. ON PLAN.

47th FLOOR MACH. ROOM ELEV.	REACT. *
A	17.6 K
B	29.7
C	19.0
D	21.4
E	28.6
F	22.6
G	14.0
H	18.0

* ALL REACTIONS HAVE BEEN DOUBLED FOR IMPACT.

ISSUED FOR PRICING ONLY UNCOORDINATED 11-25-86

ISSUED TO PORT AUTHORITY 1-15-85
ISSUED FOR ARCHT'S REVIEW 3-29-85
ISSUED TO FRANKEL STEEL 4-17-85
EMERY ROTH & SONS REVISED AS NOTED 9-3-85

DATE	REVISIONS
11-25-86	REVISED FRMG FOR NEW ELEVATOR
7-31-86	REVISED AS CIRCLED
10-8-85	REVISED AS CIRCLED
9-9-85	PER 1660 AS CIRCLED
5-10-85	ISSUED TO PORT AUTHORITY

47TH FLOOR FRAMING PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK NEW YORK

EMERY ROTH & SONS P.C.
ARCHITECTS
845 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
919 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: SCALE:

DWG. S-13