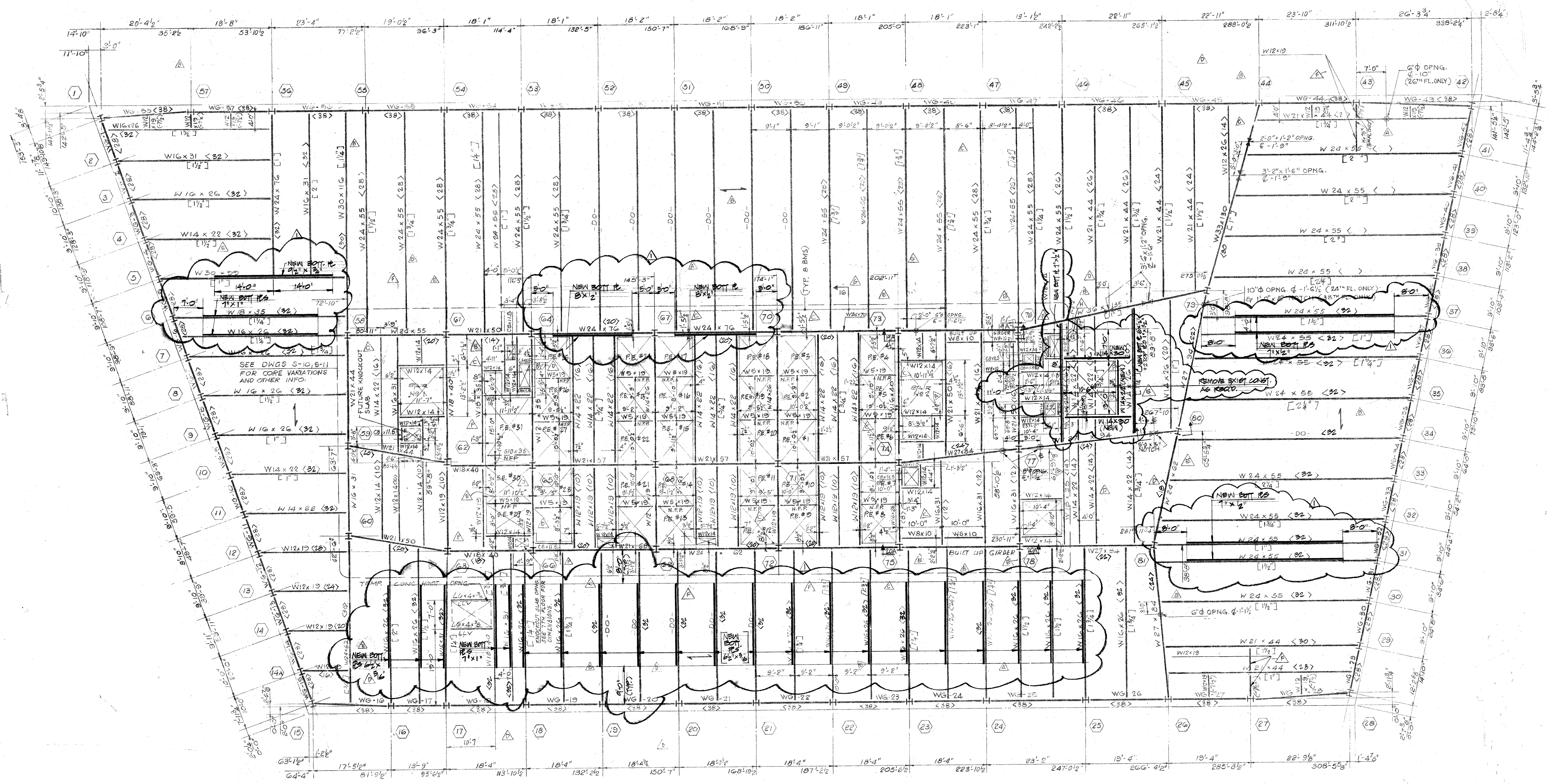


NOTES

1. Slab to be 5½" (3" + 2½") thick stone concrete having a compressive strength of 3500 psi at 28 days, placed over 3" deep 20 gauge composite metal deck reinforced with 6x6 - W1.4 x W1.4 w.w.f.
2. Top of steel to be 5½" below finished concrete floor slab u.o.n. THUS (+,,,,)
3. All beams shall be ASTM A-572, Grade 50 steel u.o.n.
4. For typical superstructure details see Dwgs. S-24 and S-24A. For superstructure general notes see Dwg. S-20.
5. Wind girder indicated "WG" on plan and shall be of ASTM A-36 Steel. For forces sizes and forces see Dwg. S-15.
6. <---> INDICATES SHEAR CONNECTORS
7. [---] INDICATES CAMBER
8. N.F.P. ~~INDICATES BEAM WITH NO FIREPROOFING~~ (B)
9. Floor slab shall be shored as per manufacturer's requirements.
10. ALL BEAMS W5x19 AND SPANDREL BRACE BEAMS W12x19 (-7½") TO BE OF ASTM A-36 STEEL.
11. BEAM OPENING ¢ ELEVATIONS ARE GIVEN WITH RESPECT TO THE TOP OF STEEL. (A)
12. ⟶ INDICATES DECK SPAN (B)
13. FOR SECTIONS SEE DWG. S-26 (C)
14. FOR DETAIL OF NEW PLATES WELDED TO EXISTING BEAMS SEE DWG S-28 (1)

NOTE:

PASSENGER
ELEVATOR CORE AREA SLAB WHERE IT IS TO RECEIVE FINISH TO BE 4" (1½" + 2½) STONE CONCRETE SLAB HAVING A COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS, PLACED OVER 1½" DEEP, 20 GAUGE COMPOSITE METAL DECK REINFORCED WITH 6x6 - W1.4 x W1.4 w.w.f. FOR DETAILS SEE ARCH DWGS. (B) (G) (H)

ISSUED FOR PRICING ONLY
UNCOORDINATED 11-25-86

ISSUED TO PORT AUTHORITY 1-15-85

(A) RELEASED TO ARCHITECT UP TO 20TH FL. 1-10-85
(B) RELEASED TO FRANKEL STEEL UP TO 14TH FL. ONLY 2-8-85
(C) RELEASED TO FRANKEL STEEL UP TO 20TH FL. ONLY 2-15-85
(D) RELEASED TO FRANKEL STEEL 24TH TO 45TH FLS WITHOUT CORE AREA 3-1-85
(E) REVISED AS NOTED 3-8-85

DATE	REVISIONS
(1) 11-25-86	REVISED AS CIRCLED
(H) 8-5-85	REVISED AS CIRCLED
(G) 7-8-85	REVISED AS CIRCLED
(F) 5-10-85	ISSUED TO PORT AUTHORITY

20TH 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:

STATE OF NEW YORK · IRWIN G. CANTOR · No. 32548 · LICENSED PROFESSIONAL ENGINEER

DWG. S-8-20