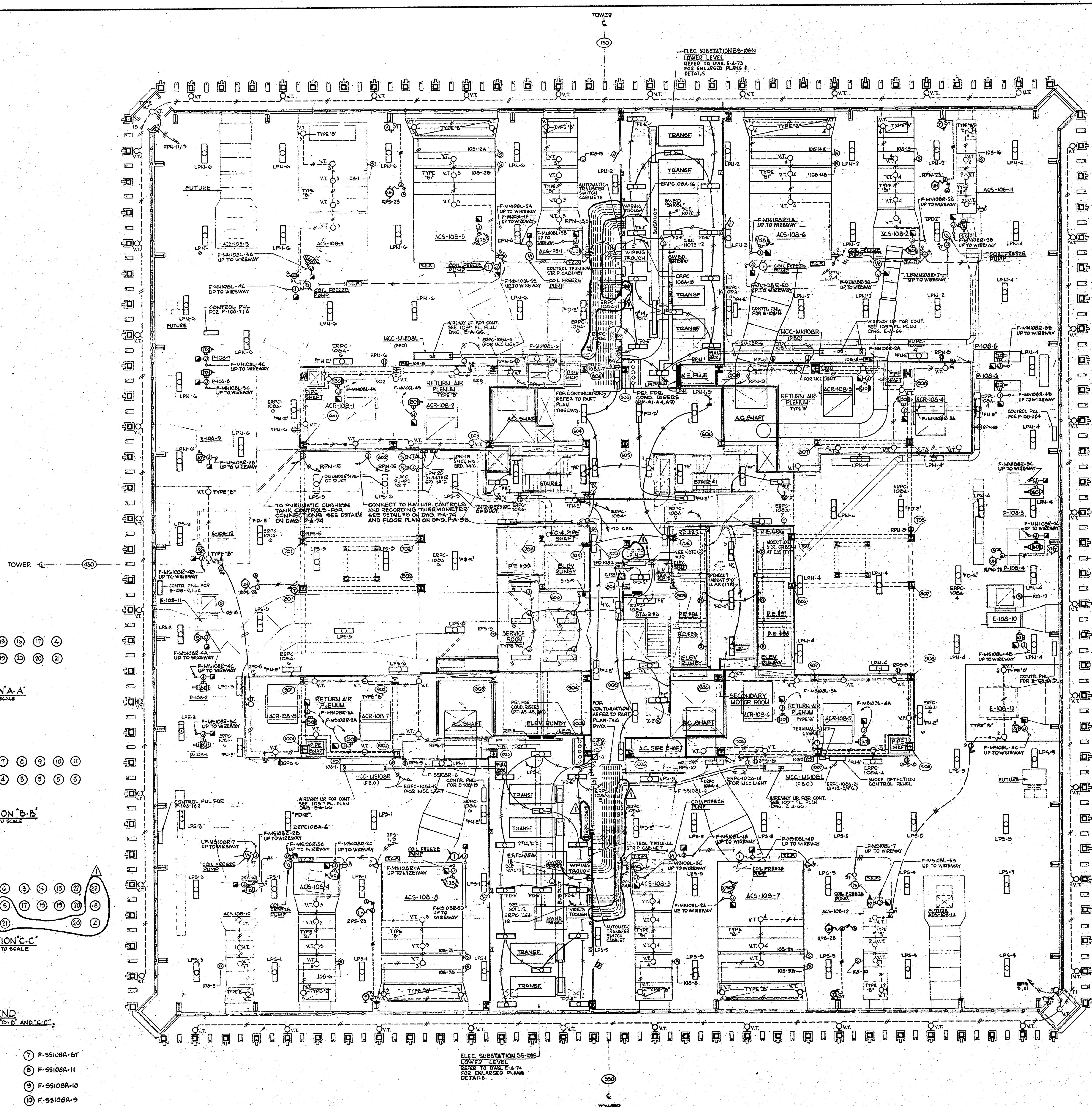
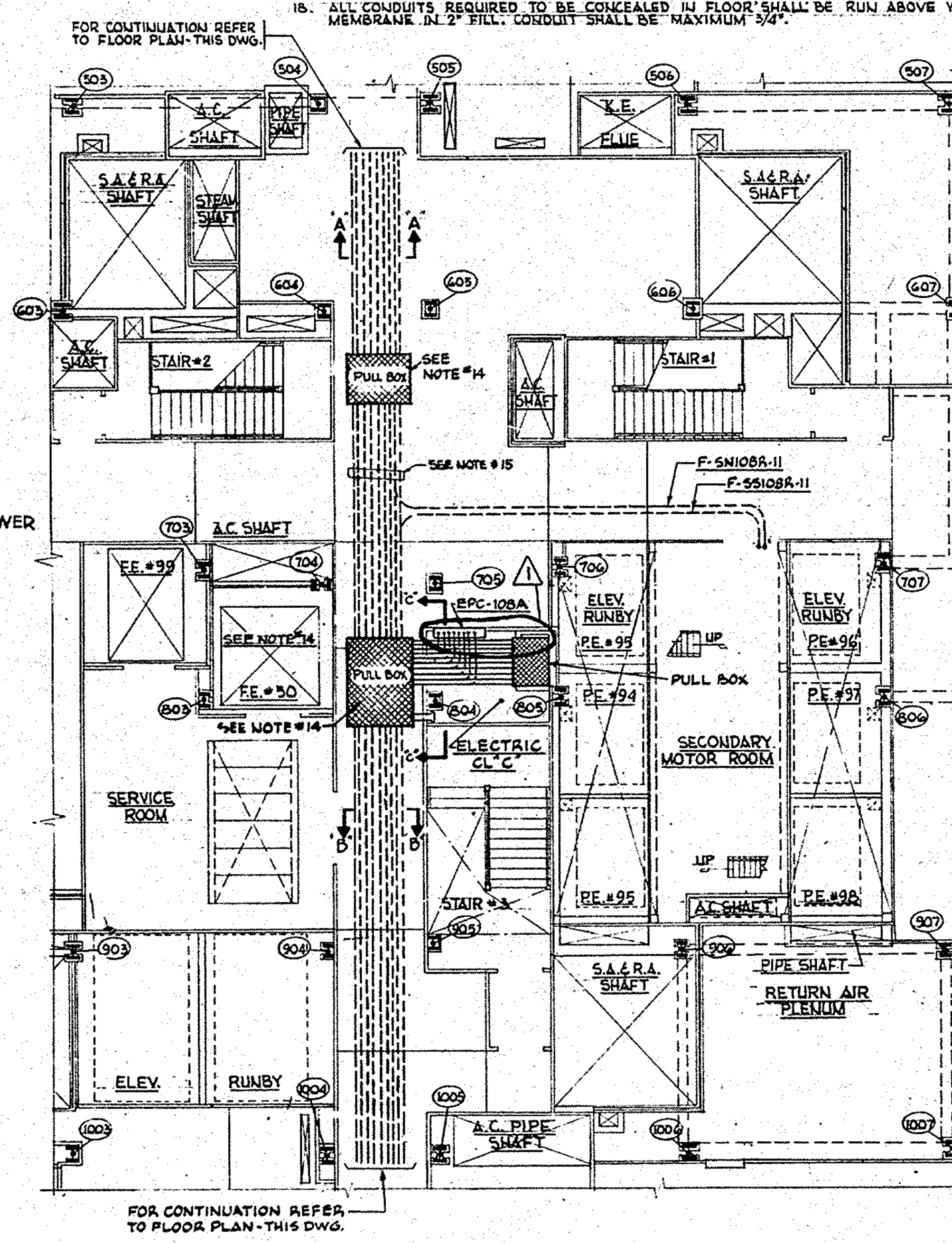


NOTES:

1. THE LIGHTING LAYOUT FOR THE MECHANICAL EQUIPMENT ROOM REPRESENTS THE NUMBER, APPROXIMATE LOCATION AND GENERAL ARRANGEMENT OF LIGHTING FIXTURES. MINOR DEVIATION IN LOCATION AND HEIGHTS MAY BE MADE TO AVOID SPECIFIC INTERFERENCES WITH MECHANICAL WORK.
2. ALL FLUORESCENT CEILING FIXTURES SHALL BE TYPE 'FD' PENDANT MOUNTED, 10'-0" A.F.F. UNLESS OTHERWISE NOTED.
3. ALL FLUORESCENT WALL BRACKET FIXTURES SHALL BE TYPE 'FH', MOUNTED 7'-6" AFF. UNLESS OTHERWISE NOTED.
4. FOR ADDITIONAL LIGHTING LAYOUT IN MECHANICAL EQUIPMENT ROOM SEE 109TH FLOOR PLAN, DWG. E-A-66.
5. CONTRACTOR SHALL WIRE ALL FIXTURES AND RECEPTACLES IN ACCORDANCE WITH CIRCUIT NUMBERS INDICATED ON DRAWING. IN MECH. EQUIP. RM. ALL CONDUIT FOR LIGHTING FIXTURES SHALL BE RUN EXPOSED UNLESS OTHERWISE SHOWN.
6. FLUORESCENT FIXTURES OCCURING UNDER MECHANICAL DUCTWORK SHALL BE SUPPORTED FROM STRUCTURAL 'U' CHANNELS SUPPORTED OTHER THAN FROM THE DUCTWORK PROPER.
7. ALL VERT. COND. OUTLETS CONCEALED IN WALLS SHALL NOT BE CLOSER THAN 20" FROM FINISH DOOR OPENING.
8. WIREWAYS CONTAINING MORE THAN 30 CURRENT CARRYING CONDUCTORS SHALL BE PROVIDED WITH 6" HIGH BARRIERS.
9. TYPE 'B' FIXTURES IN RETURN AIR PLENUMS SHALL BE MOUNTED WITH TOP OF FIXTURE 7'-6" AFF.
10. REFER TO DWG. E-A-118 FOR TYPICAL WIRING DIAGRAM SHOWING METHOD OF CONTROLLING RELAYS IN LIGHTING PANELBOARDS.
11. ALL INCANDESCENT LIGHTING FIXTURES IN AREAWAY AROUND PERIMETER OF BUILDING SHALL BE TYPE 'B' (VAPORPROOF), 7'-0" AFF UNLESS OTHERWISE NOTED.
12. FOR WIRING OF BREAK-GLASS SWITCHES TO MAIN SERVICE PROTECTORS (L-MS & R-MS) SEE DIAGRAM ON DWG. E-A-107.
13. WIREWAY ELEVATIONS A.F.F. ARE APPROXIMATE. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OTHER TRADES TO AVOID SPECIFIC INTERFERENCES.
14. BOTTOM OF PULL BOX SHALL BE MINIMUM 10'-8" A.F.F. (ELEV. 0'-0").
15. CONDUITS AT INTERSECTION OF CORRIDORS SHALL BE ABOVE REMOVABLE PORTION OF MECHANICAL DUCT.
16. FOR SUBSTATION REMOTE CONTROL WIRING DETAILS SEE DWG. #E-X-3.
17. EXACT LOCATION OF UNIT HEATERS AND CONTROLS SHALL BE DETERMINED IN FIELD (BY OTHERS).
18. ALL CONDUITS REQUIRED TO BE CONCEALED IN FLOOR SHALL BE RUN ABOVE WATERPROOF MEMBRANE IN 2" FILL. CONDUIT SHALL BE MAXIMUM 3/4".

NORTH



PART PLAN OF CORE AREA-POWER

SCALE: 1/4" = 1'-0"

⚠1

(22) (22) (18) (13) (14) (15) (16) (17) (4)
(5) (5) (5) (5) (19) (19) (20) (20) (21)

SECTION "A-A"

NOT TO SCALE

⚠1

(6) (6) (2) (7) (8) (9) (10) (11)
(1) (1) (2) (3) (4) (5) (5) (5) (5)

SECTION "B-B"

NOT TO SCALE

⚠1

(11) (10) (9) (2) (6) (13) (14) (15) (22) (22)
(4) (1) (1) (3) (7) (6) (17) (19) (19) (20) (18)
(21) (20) (4)

SECTION "C-C"

NOT TO SCALE

LEGEND

FOR SECTION "A-A", "B-B" AND "C-C"

(1) F-EPC108A-3	(7) F-SS108R-BT
(2) F-SS108L-4	(8) F-SS108R-11
(3) F-EPC108A-4	(9) F-SS108R-10
(4) 3" E.C. (CONTROL)	(10) F-SS108R-9
(5) 3½" E.C.	(11) F-SS108R-8
(6) F-SS108L-BT	
(13) F-SN108R-8	(18) F-SN108L-3
(14) F-SN108R-9	(19) F-EPC108A-3
(15) F-SN108R-10	(20) F-SN108L-4
(16) F-SN108R-11	(21) F-EPC108A-4
(17) F-SN108R-BT	(22) F-SN108L-BT

CONTRACT BID DRAWING date OCT. 16, 1967

NO.	DATE	BUL. NO.	BY	NO.	DATE	BUL. NO.	BY
1	12-18-67						

REVISIONS — REVISIONS

APPROVED

CHIEF, PLANNING DIVISION

DATE

THE WORLD TRADE CENTER

THE PORT OF NEW YORK AUTHORITY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT

EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT

WORTHINGTON, SKILLING, HELLE & JACKSON
STRUCTURAL ENGINEERS

JAROS, BAUM & BOLLES
MECHANICAL ENGINEERS

JOSEPH R. LORING & ASSOCIATES
ELECTRICAL ENGINEERS

THE PORT OF NEW YORK AUTHORITY
PAVING, UTILITIES, FOUNDATIONS

1/8" = 1'-0" scale 5 0 5 10 15 20 feet

TITLE: LIGHTING AND POWER 108TH FLOOR

DRAWN	R.F.H.	CHECKED	J.R.L.
SCALE	1/8" = 1'-0"	DATE	OCT. 16, 1967
PROJECT NUMBER		SHEET	59 OF 114
DRAWING NUMBER	E-A-65		

FileJuicer