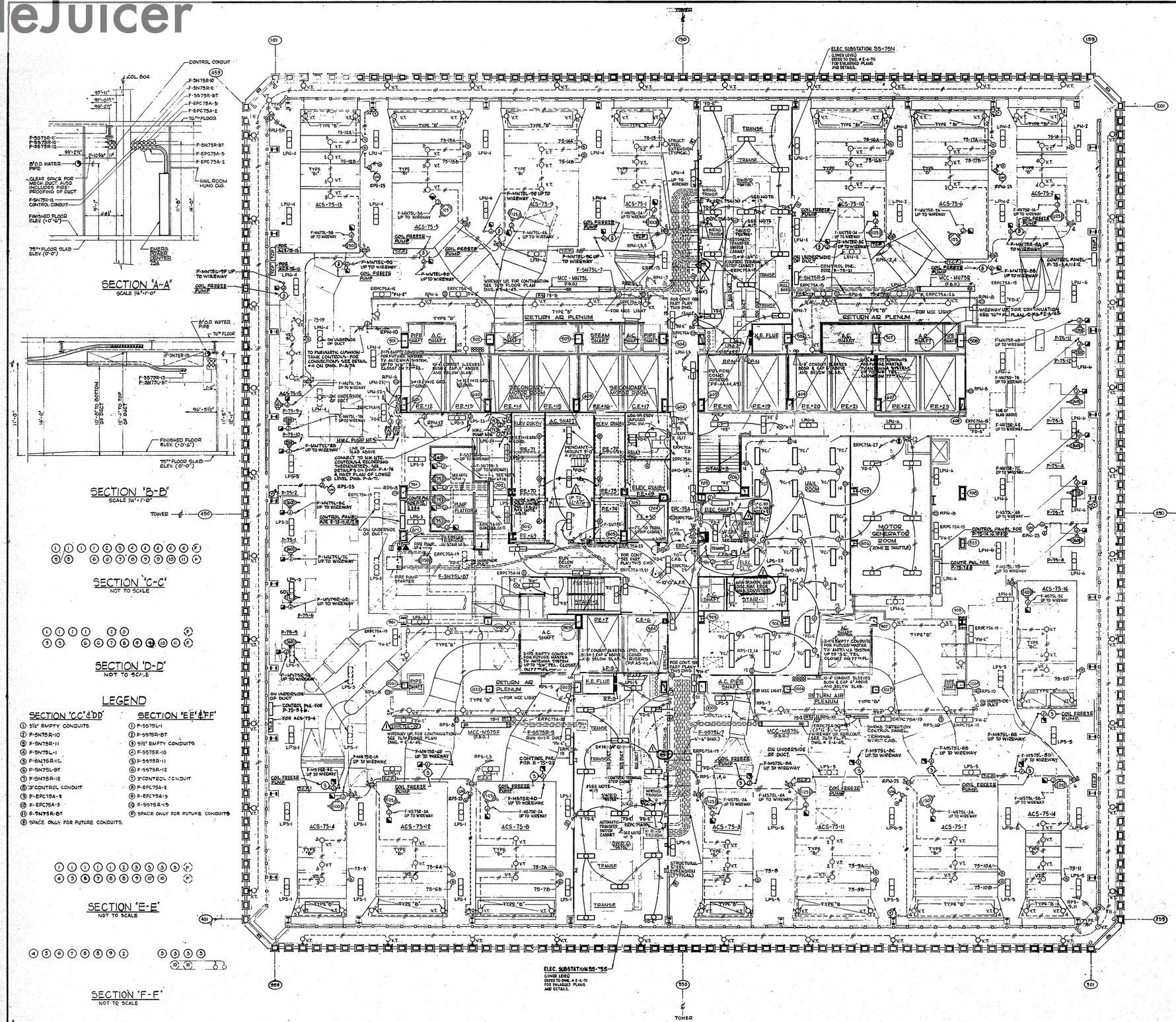
FileJuicer



SECTION "A-A"
SCALE 1/4"=1'-0"

SECTION "B-B"
SCALE 1/4"=1'-0"

SECTION "C-C"
NOT TO SCALE

SECTION "D-D"
NOT TO SCALE

SECTION "E-E"
NOT TO SCALE

SECTION "F-F"
NOT TO SCALE

LEGEND

SECTION 'CC' & 'DD'

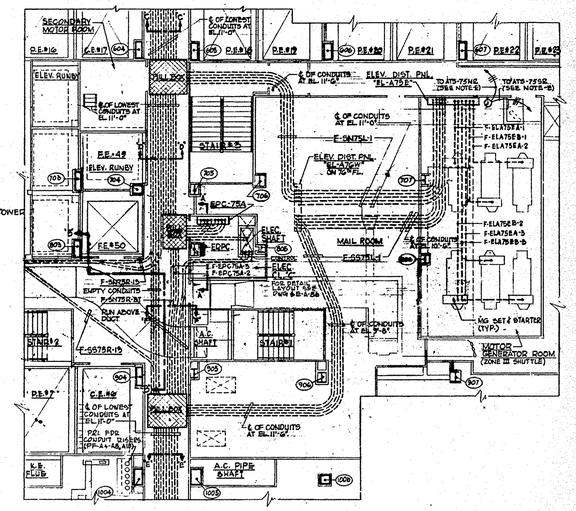
1. 3/4" EMPTY CONDUITS.
2. F-5N75R-10
3. F-5N75R-11
4. F-5N75L-1
5. F-5N75R-12
6. F-5N75L-8T
7. F-5N75R-12
8. 3" CONTROL CONDUIT
9. F-EPC75A-2
10. F-EPC75A-3
11. F-5N75R-8T
12. SPACE ONLY FOR FUTURE CONDUITS.

SECTION 'EE' & 'FF'

1. F-5575L-1
2. F-5575R-8T
3. 3/4" EMPTY CONDUITS
4. F-5575R-10
5. F-5575R-11
6. F-5575R-12
7. 3" CONTROL CONDUIT
8. F-EPC75A-2
9. F-EPC75A-3
10. F-5575R-15
11. SPACE ONLY FOR FUTURE CONDUITS

NOTES:

1. FOR SUBSTATION REMOTE CONTROL WIRING DETAILS SEE DWG. E-X-3.
2. THE LIGHTING LAYOUT FOR THE MECHANICAL EQUIPMENT ROOM REPRESENTS THE NUMBER, APPROXIMATE LOCATION AND GENERAL ARRANGEMENT OF LIGHTING FIXTURES. MINOR DEVIATIONS IN LOCATION AND HEIGHTS MAY BE MADE TO AVOID SPECIFIC INTERFERENCES WITH MECHANICAL WORK.
3. ALL FLUORESCENT CEILING FIXTURES SHALL BE TYPE "FD" PEN. ANT MOUNTED UNLESS OTHERWISE NOTED.
4. ALL FLUORESCENT WALL BRACKET FIXTURES SHALL BE TYPE "FW" MOUNTED 7'-6" A.F.F. UNLESS OTHERWISE NOTED.
5. FOR ADDITIONAL LIGHTING LAYOUT & MECHANICAL EQUIPMENT ROOM SEE 75TH FL. PLAN, DWG. # E-A-45
6. CONTRACTOR SHALL WIRE ALL FIXTURES AND RECEPTACLES IN ACCORDANCE WITH CIRCUIT NUMBERS INDICATED ON THE DRAWING. IN MECHANICAL EQUIPMENT ROOM ALL CONDUIT FOR LIGHTING FIXTURES SHALL BE RUN EXPOSED UNLESS OTHERWISE NOTED.
7. ALL MECHANICAL EQUIPMENT AND SUBSTATION ROOM TYPE "FD" AND "FD-E" FLUORESCENT FIXTURES SHALL BE PENDANT MOUNTED (10'-0" A.F.F.) UNLESS OTHERWISE NOTED.
8. ALL VERT. COND. & OUTLETS CONCEALED IN WALLS SHALL NOT BE CLOSER THAN 20" FROM FINISH DOOR OPENINGS.
9. TYPE "B" FIXTURES IN RETURN AIR PLENUMS SHALL BE MOUNTED WITH TOP OF FIXTURE 6'-0" A.F.F.
10. REFER TO DWG. # E-A-110 FOR TYPICAL WIRING DIAGRAM SHOWING METHOD OF CONTROLLING RELAYS IN LIGHTING PANELBOARDS.
11. ALL INCANDESCENT LIGHTING FIXTURES IN AREAWAYS AROUND PERIMETER OF BUILDING SHALL BE TYPE "B" (VAPORPROOF) MOUNTED 7'-0" A.F.F. UNLESS OTHERWISE INDICATED.
12. WIREWAYS CONTAINING MORE THAN 30 CURRENT CARRYING CONDUCTORS SHALL BE PROVIDED WITH 6" HIGH BARRIERS.
13. FOR WIRING OF BREAK-GLASS SWITCHES TO MAIN SERVICE PROTECTORS (L-MS & R-MS) SEE DIAGRAM ON DWG. E-A-107.
14. RUN WATER SUPPLY PUMP FEEDERS TO RESPECTIVE SWITCHBOARDS VIA WIREWAY. FOR CONTINUATION SEE DWG. E-A-45.
15. FOR WATER SUPPLY PUMP MOTORS ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL CONTROL AND BRANCH CKTS. AS NOTED IN TABLE THE FOLLOWING:
    75 HP MOTORS - GWB 4 1/4 & GRD. # 2 1/4 CONTROL WIRES - #12.
    40 HP MOTORS - GWB # 1 1/4 & GRD. # 2 1/4 CONTROL WIRES - #12.
16. EXACT LOCATIONS OF UNIT HEATERS & CONTROL SHALL BE DETERMINED IN FIELD (BY OTHERS)
17. ALL CONDUITS REQUIRED TO BE CONCEALED IN FLOOR SHALL BE RUN ABOVE WATERPROOF MEMBRANE IN 2" FILL. CONDUIT SHALL BE MAXIMUM 3/4".



PART PLAN OF CORE AREA - POWER

SCALE: 1/8"=1'-0"

NOTES:

A. ALL CONNECTIONS TO ALL ELEVATOR EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH APPROVED ELEVATOR SHOP DRAWINGS.

B. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE ELEVATOR CONTRACTOR FOR POSSIBLE COMMON USE OF A WIRING TROUGH OVER THE ELEVATOR MOTOR GENERATOR SETS IN LIEU OF USING SEPARATE CONDUIT RUNS TO THIS EQUIPMENT.

C. CONDUITS SHOWN PASSING THRU STAIR #3 TO BE ENCLOSED IN FIRE-PROOF SOFFIT.

D. ALL DIMENSIONS INDICATING CONDUIT & ELEVATION ARE FROM 0'-0" SLAB REFERENCE.

E. REFER TO DWG. # E-X-11 FOR ELEVATOR CONTROL RISER DIAGRAM.

SCHEDULE OF ELECTRICAL ALLOWANCES

AREA	NET RENTABLE AREA (S.F.)	NO. OF FLUSH MTD. TELEPHONE OUTLETS	
MAIL ROOM	1,926	4	

CONTRACT BID DRAWING date OCT. 16, 1967

NO.	DATE	SUB. NO.	BY
1	F-15-67		

REVISIONS

NO.	DATE	SUB. NO.	BY

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 75TH FLOOR - M.E.R.

DRAWN	R.F.H.	CHECKED	R.L.
SCALE	1/8"=1'-0"	DATE	OCT. 16, 1967
PROJECT NUMBER		SHEET	40 OF 114
DRAWING NUMBER	E-A-44		

File Juicer