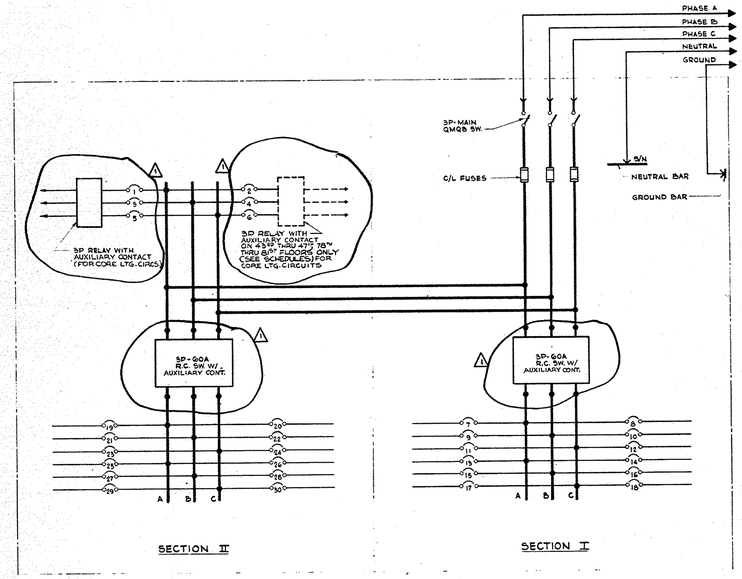
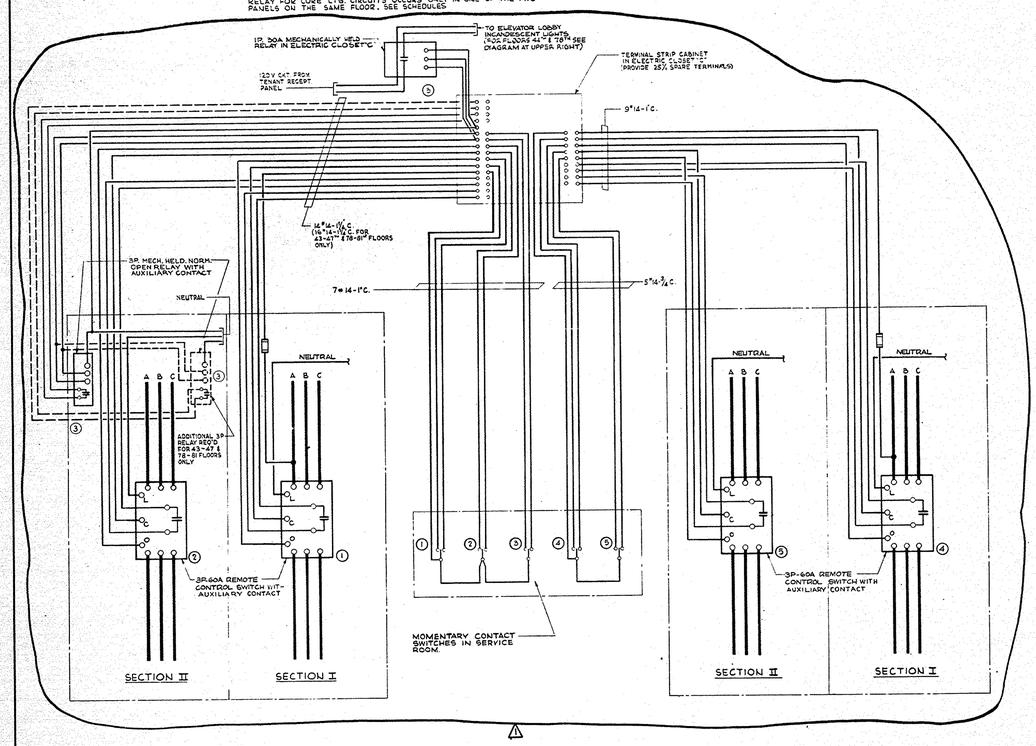


DIAGRAM OF TYPICAL TENANT LIGHTING PANEL (277/480 V, 3Φ, 4 W)

NOTE:
RELAY FOR CORE LTG. CIRCUITS OCCURS ONLY IN ONE OF THE TWO PANELS ON THE SAME FLOOR. SEE SCHEDULES



TYPICAL CONTROL WIRING DIAGRAM FOR TENANT LIGHTING PANELS (277/480 V, 3Φ, 4W)

TYPICAL PANEL AND CONTROL WIRING DIAGRAM FOR MECH. EQUIPMENT FLOOR LIGHTING PANELS (277/480V. 3Φ, 4W)

NOTES:
1. FOR LOCATION OF CONTROL STATIONS (MOMENTARY CONTACT SWITCHES) SEE FLOOR PLANS.
2. FOR SUB-LEVEL "B" (ELEV. 242) AND SUB-LEVEL "A" (ELEV 255) MECH. EQUIPMENT FLOOR LIGHTING PANEL AND CONTROL WIRING SEE DIAGRAM AT LOWER RIGHT.

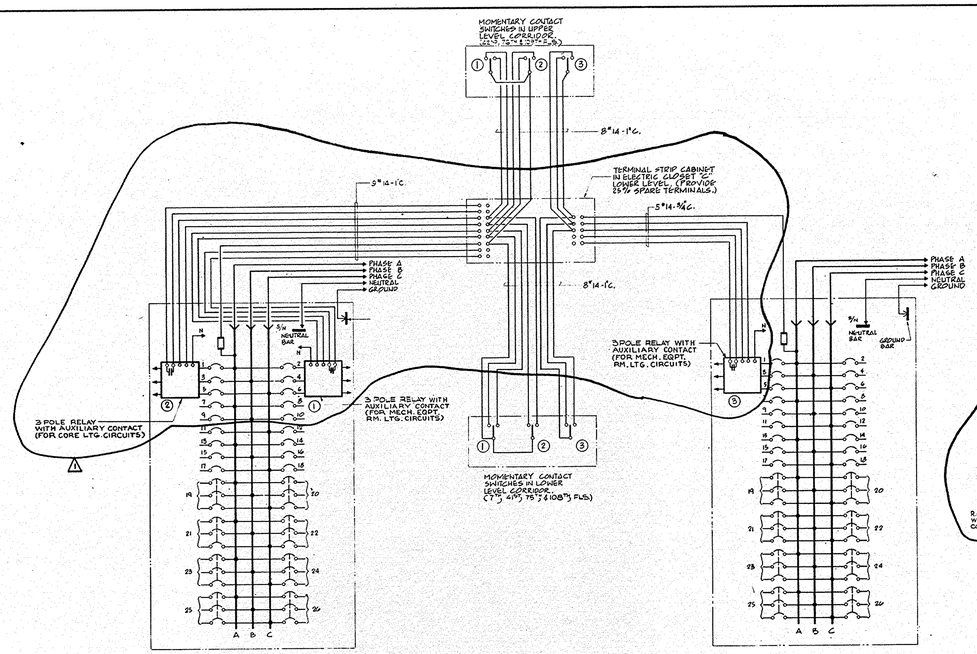
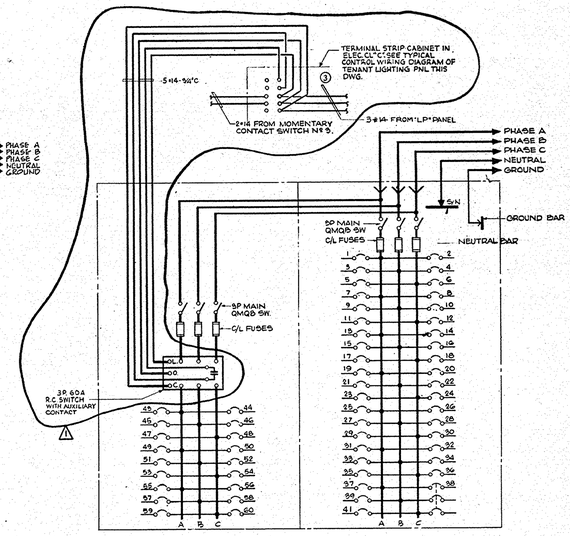
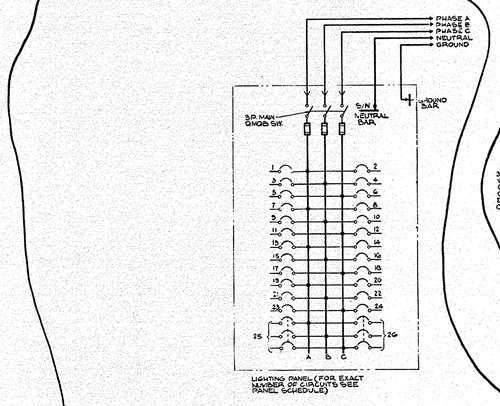


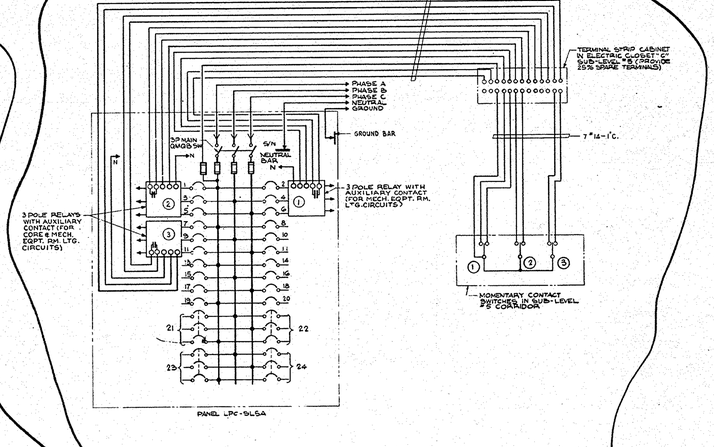
DIAGRAM OF TENANT RECEPTACLE PANEL (120/208V. 3Φ, 4W.)-44TH & 78TH FLS. ONLY





TYPICAL PANEL DIAGRAM FOR SERVICE LEVEL AND SUB-LEVELS #1, 2 & 3 (277/480V, 3Φ, 4W)

NOTES:
1. DIAGRAM SHALL ALSO BE APPLICABLE FOR 2ND - 6TH. FLOORS.
2. THE ABOVE PANELS DO NOT HAVE ANY REMOTE CONTROL.



PANEL AND CONTROL WIRING DIAGRAM FOR SUB-LEVELS "4 AND 5 LIGHTING (277-480V. 3Φ.4W)

NOTES:
1. FOR CONTROL WIRING DIAGRAM SEE DRAWING Nº E-A-118.
2. FOR PANELBOARD SCHEDULES SEE DWGS. # E-A-109 - E-A-115.
3. ALL R.C. SWITCHES AND RELAYS FOR 480/277 VOLT PANELS SHALL BE RATED 600 VOLTS & FOR 208/120 VOLT PANELS, 250 VOLTS. ALL CONTROL COILS SHALL BE SELECTED FOR 277 VOLT CONTROL
4. ALL WIRING SHOWN IN THE DETAILS ON THIS DRAWING SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
5. IN TERMINAL STRIP CABINETS PROVIDE SUITABLE CONDUIT KNOCKOUTS FOR INSTALLATION BY OTHERS OF WIRING TO REMOTE CONTROLS AT THE PROJECT CONTROL CENTER.

CONTRACT BID DRAWING date OCT. 16, 1967

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

REVISIONS

APPROVED

CHIEF, PLANNING DIVISION

DATE

DRAWING Nº E-A-116 AND E-A-117 NOT PART OF THIS CONTRACT.

THE WORLD TRADE CENTER

THE PORT OF NEW YORK AUTHORITY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT

WORTHINGTON, SKILLING, HELLE & JACKSON
STRUCTURAL ENGINEERS

JOSEPH R. LORING & ASSOCIATES
ELECTRICAL ENGINEERS

EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT

JAROS, BAUM & BOLLES
MECHANICAL ENGINEERS.

THE PORT OF NEW YORK AUTHORITY
PAVING, UTILITIES, FOUNDATIONS

TITLE: LIGHTING PANEL REMOTE CONTROL SYSTEM DIAGRAMS

DRAWN	R.F.H.	CHECKED	J.R.L.
SCALE	NONE	DATE	OCT. 16, 1967
PROJECT NUMBER		SHEET 38	OF 114
DRAWING NUMBER	E-A-118		

FileJuicer