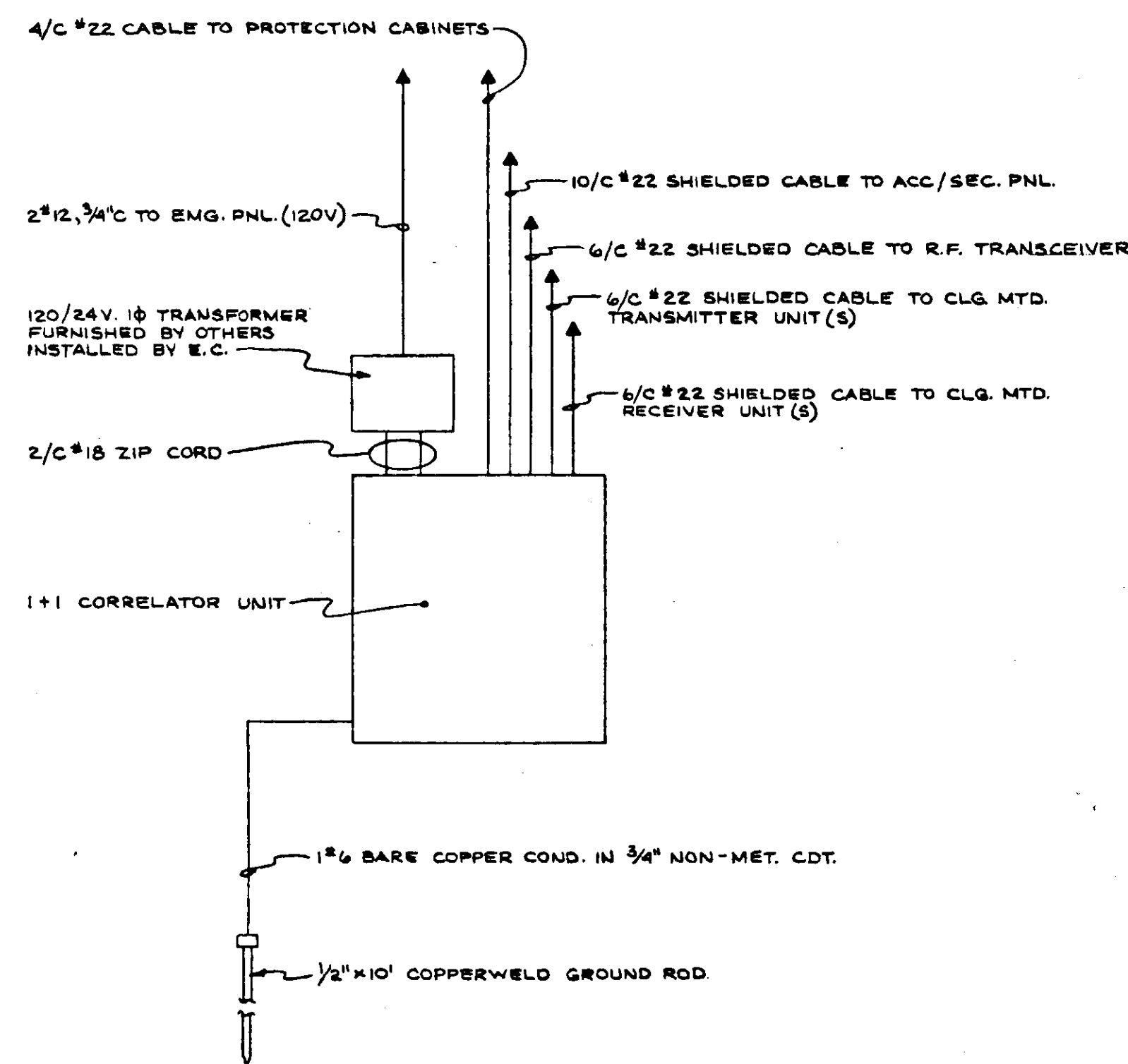
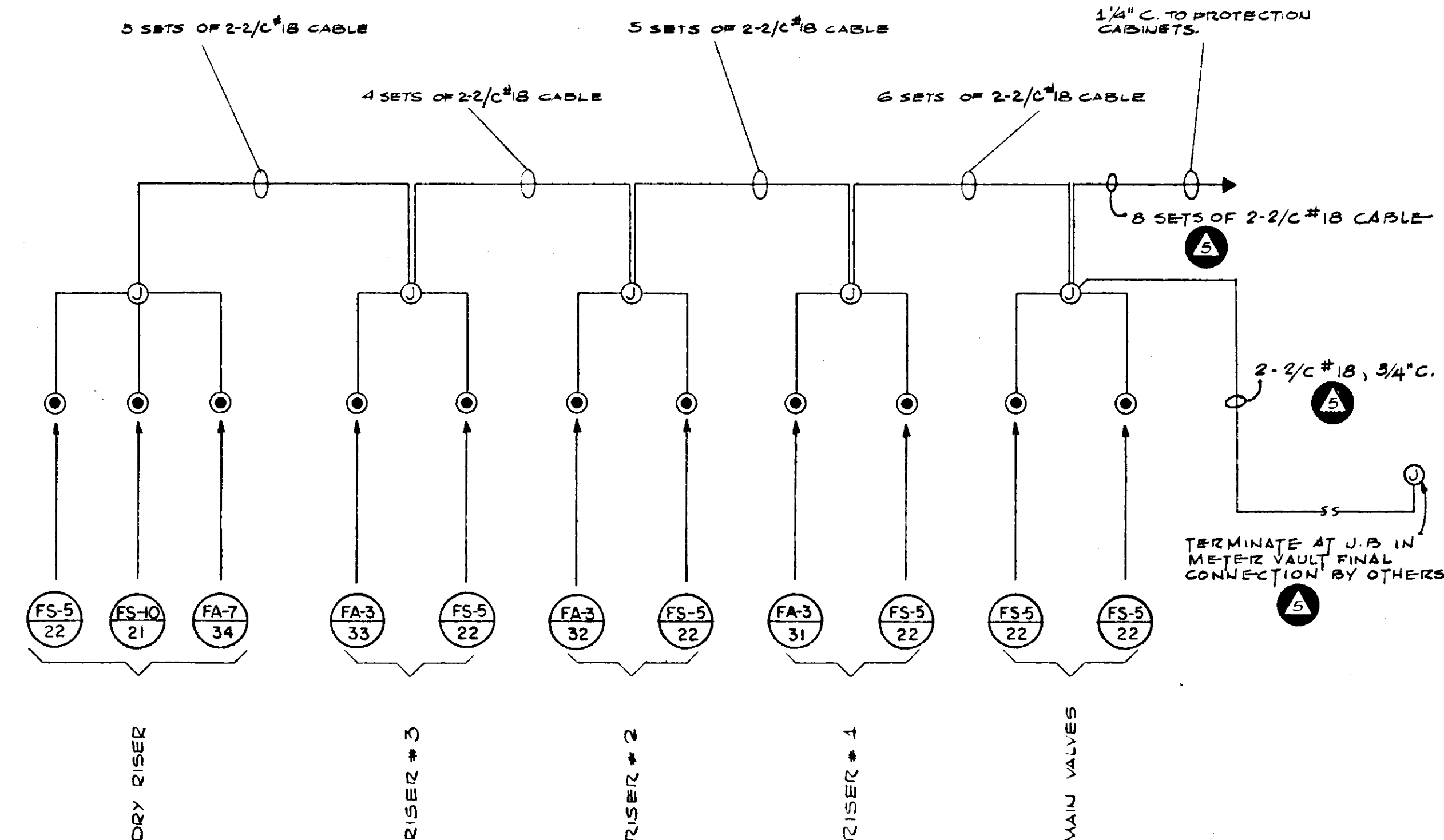




CORRELATOR UNIT WIRING DIAGRAM (TYP)

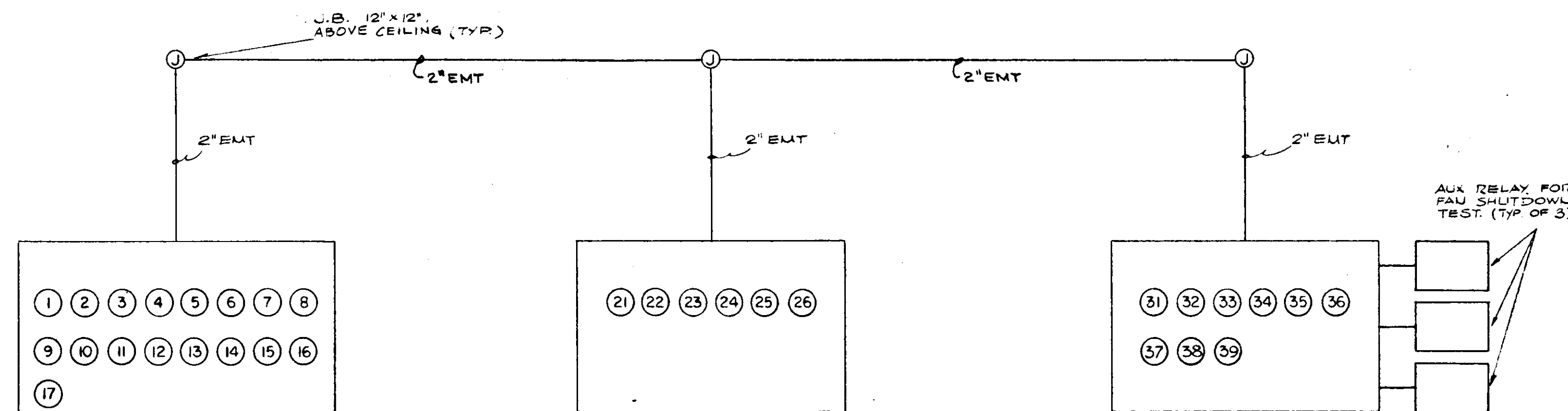
SEE DWG. E-21 (BA-28)



SPRINKLER RISER DIAGRAM

PROTECTION SYSTEM LEGEND

⊙	PROTECTION DEVICE
⊞	KEYED SWITCH (SHUNT)
⊞	FLOOR BOX, HUBELL # B-2503 (NO RECEPTACLE REQUIRED)
⊞	JUNCTION BOX, FOR MOUNTING SEE SPECIFIC DETAIL ON DRAWING E-21
⊞	PROTECTION SYSTEM CONTROL CABINET
⊞	R.F. TRANSCIVER
⊞	CLG./WALL MTD. TRANSMITTER OR RECEIVER UNIT (AS NOTED)
⊞	OPEN CABLE (CONCEALED IN FINISHED AREAS, EXPOSED IN UNFINISHED AREAS). INSTALL IN CONDUIT ONLY WHERE INDICATED.
⊞	SHIELDED CABLE
⊞	CONDUIT IN FLOOR SLAB
⊞	120/240V, 10 TRANSFORMER FURNISHED BY OTHERS, INSTALLED BY ELEC. CONTR.
⊞	PROTECTION SYSTEM DEVICE KEY: UPPER NUMBER INDICATES THE DEVICE TYPE NUMBER AS PER SCHEDULE ON THIS DRAWING. LOWER NUMBER INDICATES THE ZONE NUMBER. SEE PROTECTION PANELS SCHEDULE ON THIS DRAWING.
2-2/C #18	INDICATES 2-SETS OF 2-1/8 CONDUCTORS WITH PLASTIC JACKET. EACH CONDUCTOR SHALL BE TINNED, SOLID COPPER, COLOR CODED, WITH PLASTIC INSULATION.
4/C #22	INDICATES 4-22 CONDUCTORS CABLE, BELDEN #WB161-1442-35
6/C #22	INDICATES 6-22 CONDUCTORS SHIELDED CABLE BELDEN #8777
10/C #22	INDICATES 10-22 CONDUCTORS SHIELDED CABLE BELDEN #8787
⊞	PROTECTION SYSTEM TERMINAL BOX



BURGLAR ALARM PANEL
BA-18

SUPERVISORY PANEL
IP-19

FIRE ALARM PANEL
FA-28

- ZONE #1 PERIMETER PROTECTION
ZONE #2 PERIMETER PROTECTION
ZONE #3 PERIMETER PROTECTION
ZONE #4 PERIMETER PROTECTION
ZONE #5 MECH. ROOM DOOR PROTECTION
ZONE #6 SERVICE STATION PROTECTION
ZONE #7 FUR CASE PROTECTION
ZONE #8 MICROWAVE SET (MEN'S SUITS)
ZONE #9 MICROWAVE SET (JEWELRY DEPT.)
ZONE #10 MICROWAVE SET (GLOV. DEPT.)
ZONE #11 MICROWAVE SET (CAMERA DEPT.)
ZONE #12 GUN STORAGE PROTECTION
ZONE #13 SAFE & CHANGE FUND RACK PROT.
ZONE #14 MICROWAVE SET (TV DEPT.)
ZONE #15 STAIRS "A" & "B"
ZONE #16 ROOF SCUTTLE PROTECTION
ZONE #17 UTILITY PROTECTION (STAIRWAY DOORS & ELEVATORS)

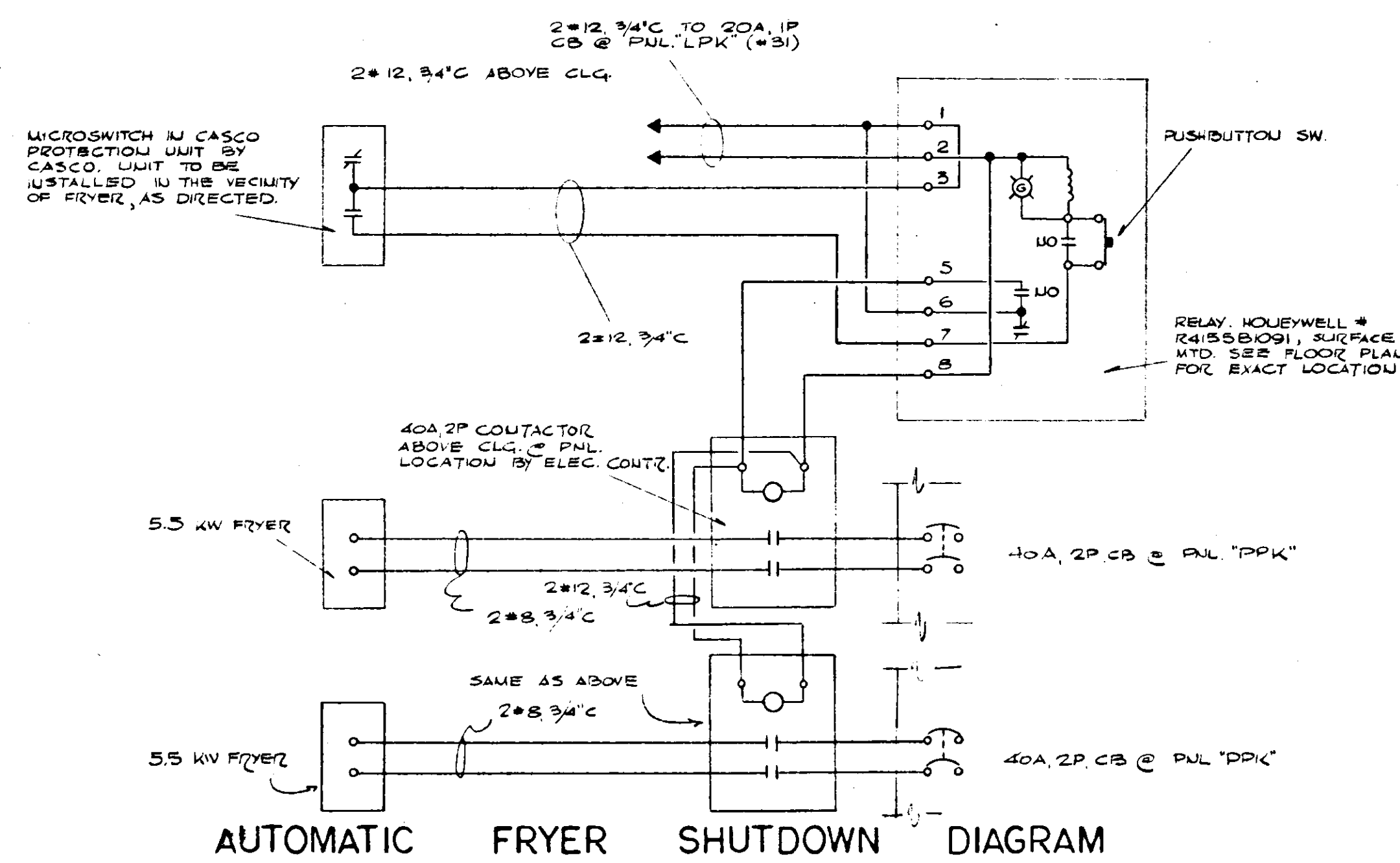
- ZONE #21 LOW BUILDING TEMPERATURE PROTECTION, LOW AIR PRESSURE (ON DRY RISER) SUPERVISION
ZONE #22 ALL O.S. VALVE SUPERVISION, INCLUDING VALVES IN SPRINKLER SERVICE PITS.
ZONE #23 KITCHEN PAUSE SUPERVISION (ROOM SUPERVISION IN "PAUSE" SHOP)
ZONE #24 AUTO COOKER SUPERVISION GAS OUTLET SUPERVISION
ZONE #25 120V SUPERVISION IN SERVICE SCHOOL FUTURE KITCHEN PNL. IN REC. RM.
ZONE #26 SPACE

- ZONE #31 WATERFLOW SUPERVISION (RISER #1)
ZONE #32 WATERFLOW SUPERVISION (RISER #2)
ZONE #33 WATERFLOW SUPERVISION (RISER #3)
ZONE #34 WATERFLOW SUPERVISION (DRY RISER)
ZONE #35 4 MANUAL FIRE ALARM STATIONS
ZONE #36 MANUAL FIRE ALARM ST. IN P.B.X. ROOM
ZONE #37 AUTO CENTER SMOKE DETECTION
ZONE #38 FIRST FLOOR SMOKE DETECTION
ZONE #39 SECOND FLOOR SMOKE DETECTION

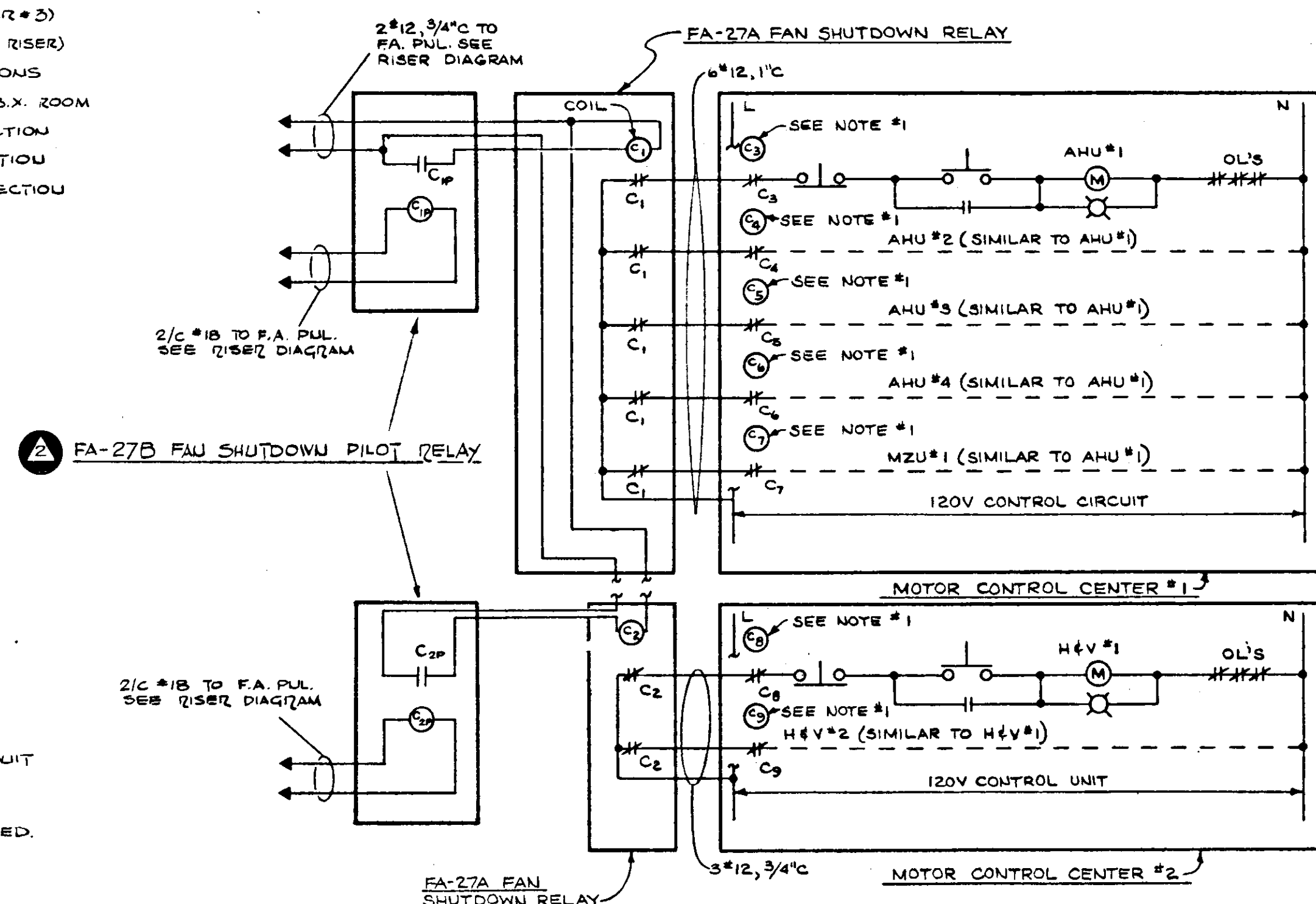
PROTECTION PANELS SCHEDULE

GENERAL NOTES:

1. PROVIDE CONDUIT AND WIRE TO ALL O.S. VALVES IN SPRINKLER SERVICE PITS AND TO POST INDICATOR VALVES. COORDINATE EXACT LOCATION WITH SPRINKLER DRAWINGS.
2. E.M.T. SHALL BE USED FOR ALL FIRE ALARM, SPRINKLER SUPERVISION, FAN SHUTDOWN WIRING, AND FOR ALL RISERS. RIGID METAL CONDUIT SHALL BE USED FOR WIRING UNDERGROUND AND IN FLOOR.
3. OPEN CABLE SHALL BE USED FOR BURGLAR ALARM AND INDUSTRIAL PROCESS SUPERVISORY WIRING.
4. ALL WIRING IN FINISHED AREAS SHALL BE CONCEALED ABOVE CLG. OR IN FLOOR. ALL WIRING IN UNFINISHED AREAS MAY BE EXPOSED.



AUTOMATIC FRYER SHUTDOWN DIAGRAM



SUPPLY FAN SHUTDOWN DIAGRAM

NO SCALE

SUPPLY SHUTDOWN NOTES:

1. RELAYS C₃ THRU C₉ SHALL BE CONNECTED TO THE LOAD SIDE OF THE MAIN DISCONNECTING DEVICE OF EACH MOTOR. WHEN MOTOR DISCONNECTING DEVICE IS OPENED THE RELAY IS DEENERGIZED AND THE M.C. CONTACT OPENS.

TYPE	DESCRIPTION
FA-1	MANUAL FIRE ALARM STATION (RECESSED)
FA-2	MANUAL FIRE ALARM STATION (SURFACE)
FA-3	WATERFLOW SIGNALING DEVICE
FA-7	WATERFLOW SIGNALING DEVICE ON DRY RISER
FA-28	FIRE ALARM CONTROL PANEL
FA-19	IONIZATION SMOKE DETECTOR IN MECHANICAL DUCT (#NKR-L-T)
FS-5	GATE VALVE SUPERVISORY DEVICE
FS-10	AIR PRESSURE SUPERVISORY DEVICE
FA-27A	SUPPLY FAN SHUTDOWN RELAY
FA-19 PNL	REMOTE LAMP ANNUNCIATOR PANEL
FA-27B	SUPPLY FAN SHUTDOWN PILOT RELAY
IP-1	GAS VALVE SUPERVISORY DEVICE (SALES)
IP-4	ELECTRIC PANEL SUPERVISORY DEVICE
IP-5	ROOM TEMPERATURE SUPERVISORY DEVICE
IP-6	IRON SUPERVISORY DEVICE
IP-6A	IRON SUPERVISORY DEVICE
IP-13	UNIT COOKER SUPERVISION
IP-19	SUPERVISORY CONTROL PANEL
BA-1	DOOR DEVICE (RECESSED)
BA-4	HORIZONTAL SLIDING DOOR DEVICE
BA-6	OVERHEAD DOOR SERVICE
BA-2	DOOR DEVICE (SURFACE)
BA-10	ROOF SCUTTLE DEVICE
BA-13	SAFE (CAPACITY) CONTROL SET
BA-14	INSIDE-OUTSIDE DOOR SHUNT SWITCH
BA-18	SECURITY ALARM CONTROL PANEL
BA-19	FUR CASE CONTROL SET
BA-25	TIRE ROLLING STEEL DOOR PROTECTION
BA-26	CHANGE FUND RACK PROTECTION
CU	CORRELATOR UNIT
RFT	R.F. TRANSCIVER
ASP	ACC./SEC. PANEL
R-*	RECEIVER UNIT
T-*	TRANSMITTER UNIT
ECR	RELAY IN ELEVATOR STARTER CIRCUIT
SD	CEILING MTD. IONIZATION SMOKE DETECTOR

APRIL 4, 1972

NOV. 1, 1971

ELECTRONIC CONTROL #

LR1634 084 E20

ALLAN B. MITCHELL