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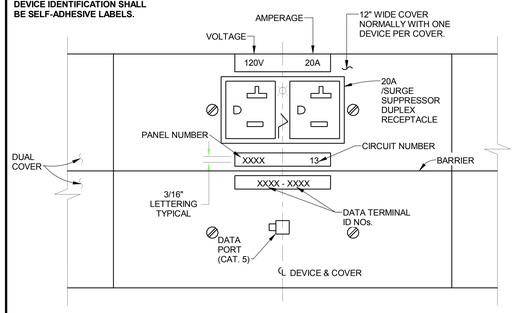
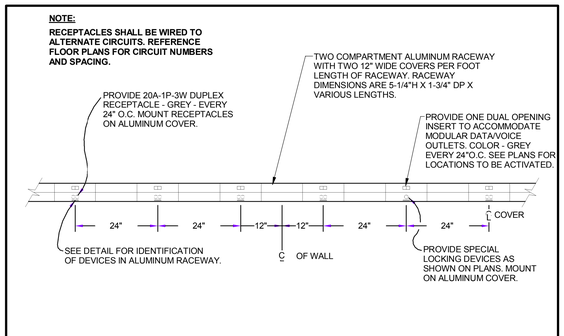
NOTE:
DEVICE IDENTIFICATION SHALL BE SELF-ADHESIVE LABELS.

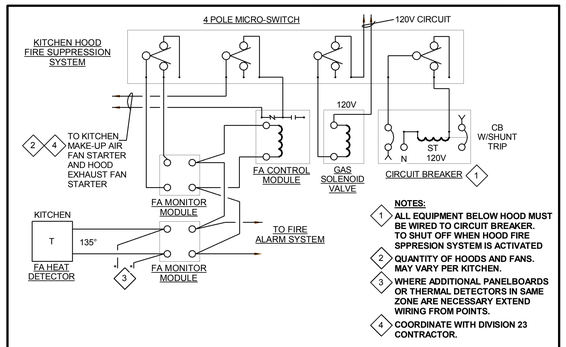


IDENTIFICATION OF DEVICES IN ALUMINUM SURFACE METAL RACEWAY
NO SCALE

NOTE:
RECEPTACLES SHALL BE WIRED TO ALTERNATE CIRCUITS. REFERENCE FLOOR PLANS FOR CIRCUIT NUMBERS AND SPACING.

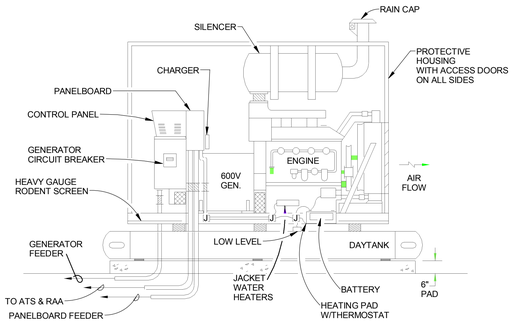


ALUMINUM SURFACE RACEWAY - PM40
NO SCALE

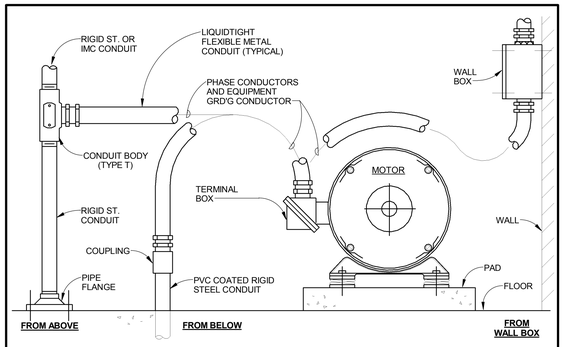


NOTES:
1. **ALL EQUIPMENT BELOW HOOD MUST BE WIRED TO CIRCUIT BREAKER. TO SHUT OFF WHEN HOOD FIRE SPPRESION SYSTEM IS ACTIVATED**
2. **QUANTITY OF HOODS AND FANS. MAY VARY PER KITCHEN.**
3. **WHERE ADDITIONAL PANELBOARDS OR THERMAL DETECTORS IN SAME ZONE ARE NECESSARY EXTEND WIRING FROM POINTS.**
4. **COORDINATE WITH DIVISION 23 CONTRACTOR.**

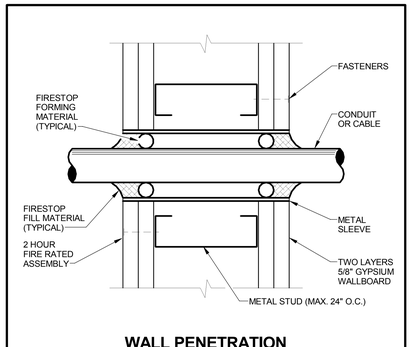
KITCHEN HOOD EXTINGUISHING SYSTEM WIRING DIAGRAM



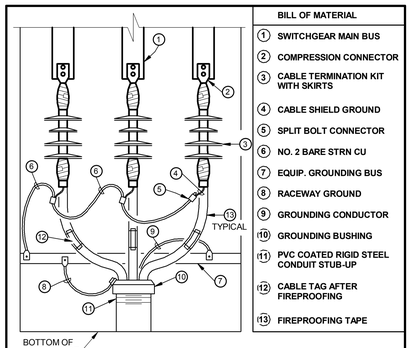
ENGINE/GENERATOR WIRING REQUIREMENTS
DIAGRAMMATIC ONLY



MOTOR CONDUIT CONNECTION DETAIL



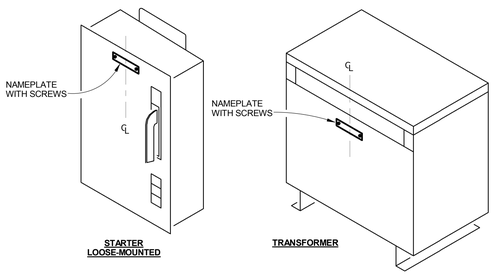
WALL PENETRATION FOR CONDUIT OR CABLE



BILL OF MATERIAL	
1	SWITCHGEAR MAIN BUS
2	COMPRESSION CONNECTOR
3	CABLE TERMINATION KIT WITH SKIRTS
4	CABLE SHIELD GROUND
5	SPLIT BOLT CONNECTOR
6	NO. 2 BARE STRN CU
7	EQUIP. GROUNDING BUS
8	RACEWAY GROUND
9	GROUNDING CONDUCTOR
10	GROUNDING BUSHING
11	PVC COATED RIGID STEEL CONDUIT STUB-UP
12	CABLE TAG AFTER FIREPROOFING
13	FIREPROOFING TAPE

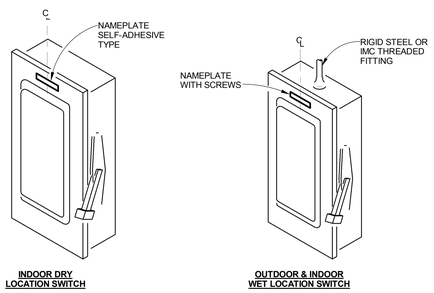
SWITCHGEAR 15KV CABLE TERMINATION

NOTE:
NAMEPLATES SHALL IDENTIFY STARTERS LOAD OR TRANSFORMER I.D. AS APPROPRIATE.



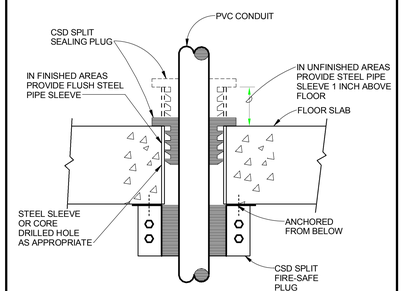
STARTER LOOSE-MOUNTED
TRANSFORMER

IDENTIFICATION OF STARTERS AND TRANSFORMERS

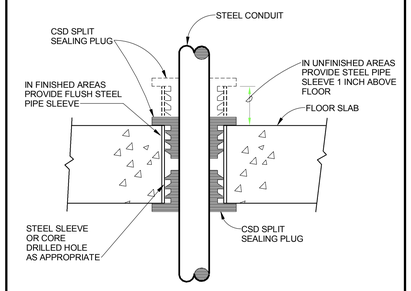


INDOOR DRY LOCATION SWITCH
OUTDOOR & INDOOR WET LOCATION SWITCH

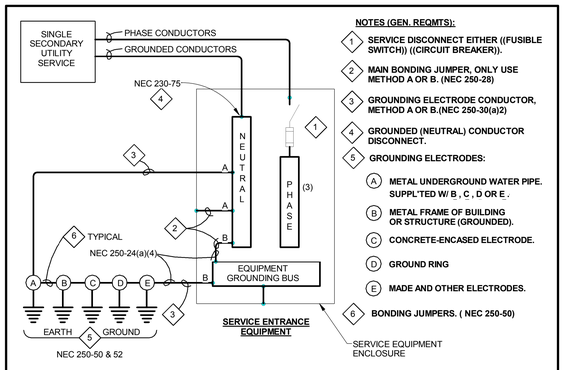
IDENTIFICATION OF LOOSE-MOUNTED SWITCHES



FLOOR PENETRATION WITH PVC CONDUIT



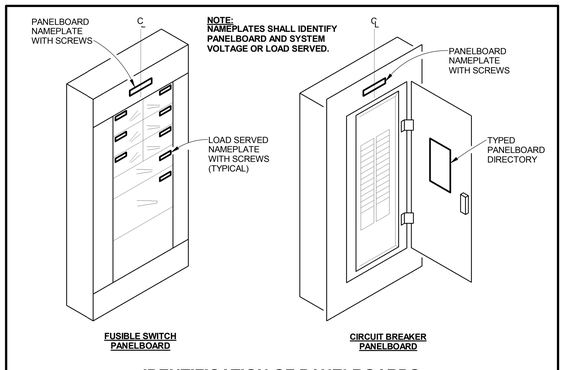
FLOOR PENETRATION WITH STEEL CONDUIT



NOTES (GEN. REQMTS):
1. **SERVICE DISCONNECT EITHER ((FUSIBLE SWITCH)) ((CIRCUIT BREAKER)).**
2. **MAIN BONDING JUMPER, ONLY USE METHOD A OR B. (NEC 250-28)**
3. **GROUNDING ELECTRODE CONDUCTOR, METHOD A OR B.(NEC 250-30(a)2)**
4. **GROUNDED (NEUTRAL) CONDUCTOR DISCONNECT.**
5. **GROUNDING ELECTRODES:**
   - (A) **METAL UNDERGROUND WATER PIPE. SUPPL'TED W/ B , C , D OR E .**
   - (B) **METAL FRAME OF BUILDING OR STRUCTURE (GROUNDED).**
   - (C) **CONCRETE-ENCASED ELECTRODE.**
   - (D) **GROUND RING**
   - (E) **MADE AND OTHER ELECTRODES.**
6. **BONDING JUMPERS. (NEC 250-50)**

GROUNDING SERVICE-SUPPLIED AC SYSTEMS

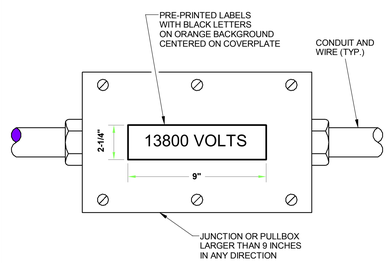
NOTE:
NAMEPLATES SHALL IDENTIFY PANELBOARD AND SYSTEM VOLTAGE OR LOAD SERVED.



FUSIBLE SWITCH PANELBOARD
CIRCUIT BREAKER PANELBOARD

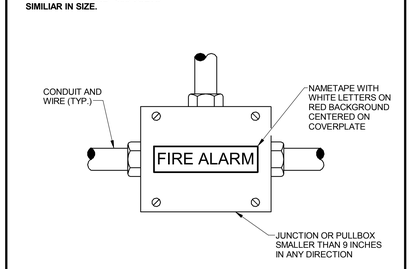
IDENTIFICATION OF PANELBOARDS

NOTE:
LABELS FOR "FIRE ALARM", "EMERGENCY" AND "480 VOLTS" SIMILIAR IN SIZE.



IDENTIFICATION OF LARGE JUNCTION AND PULLBOXES

NOTE:
LABELS FOR "FIRE ALARM", "EMERGENCY" AND "480 VOLTS" SIMILIAR IN SIZE.



IDENTIFICATION OF SMALL JUNCTION AND PULLBOXES

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No.	Description	Date
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

Drawing Title:

DETAILS - ELECTRICAL

Project No.: 04561.01 Checked by:

E0401

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