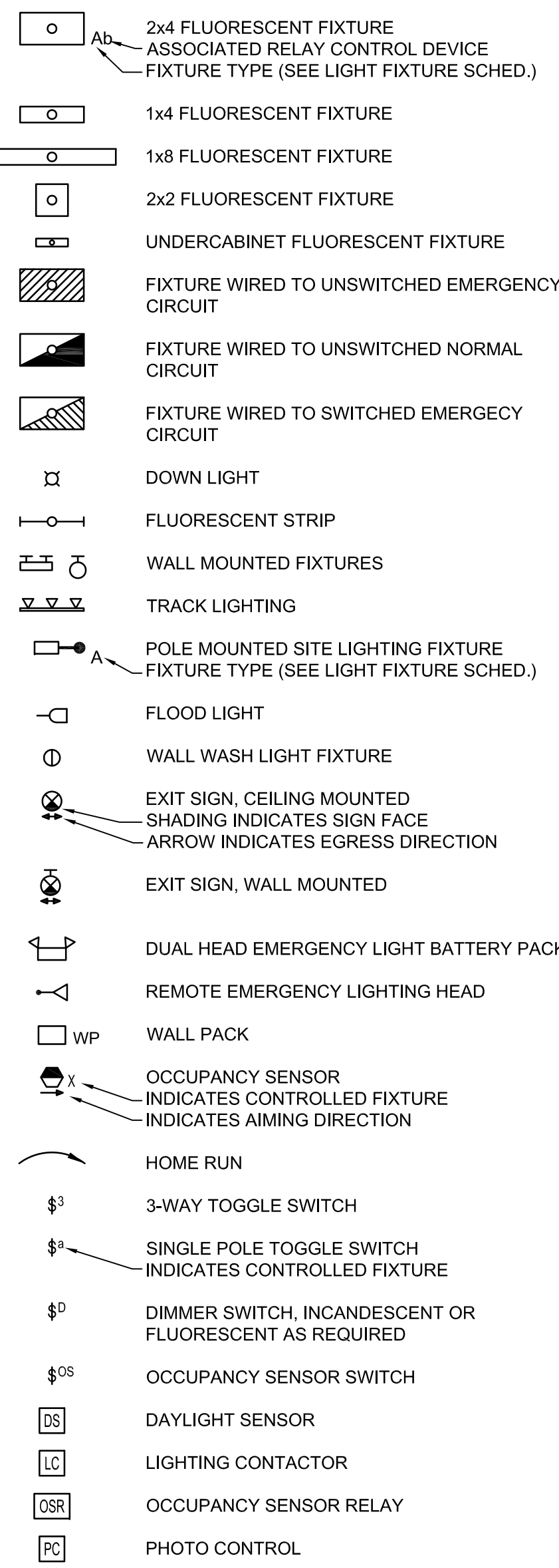
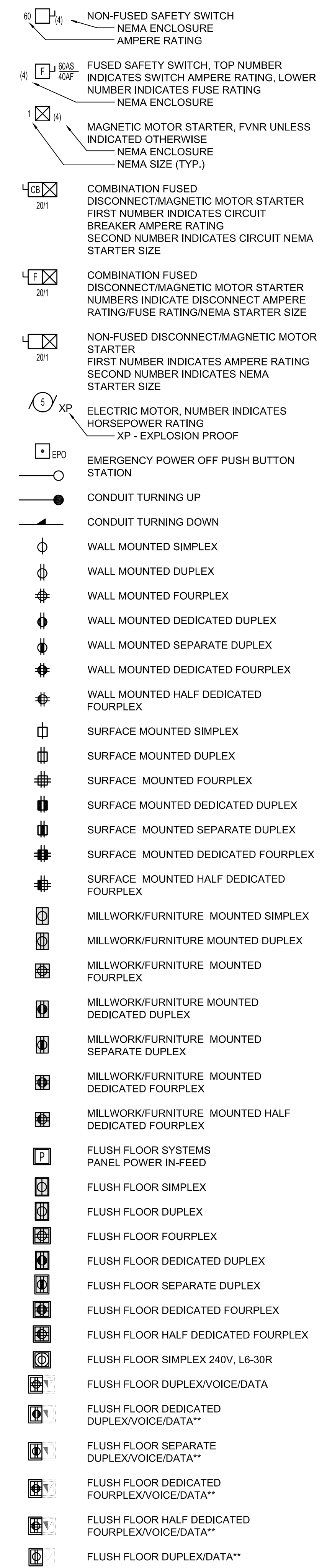


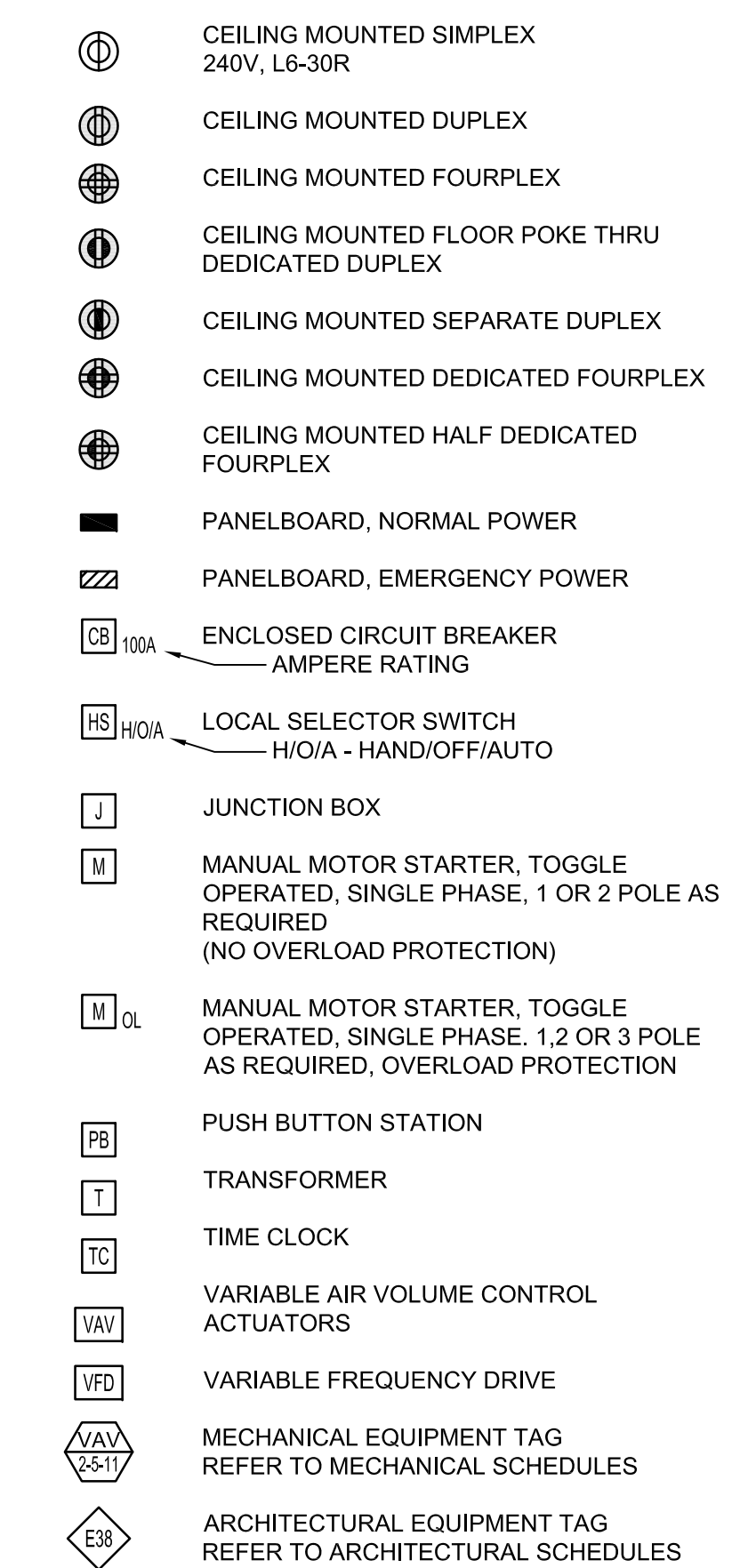
LIGHTING



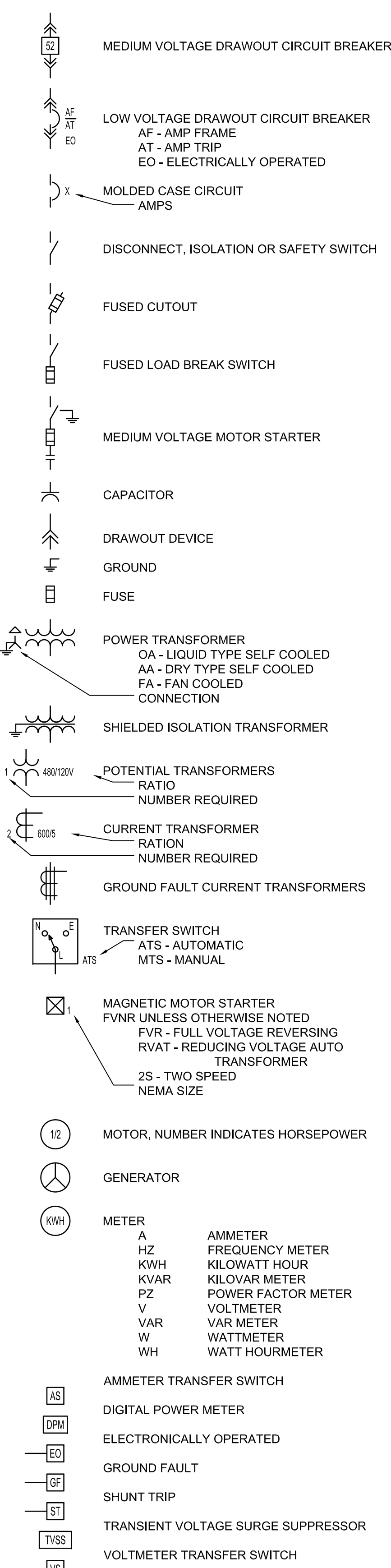
POWER



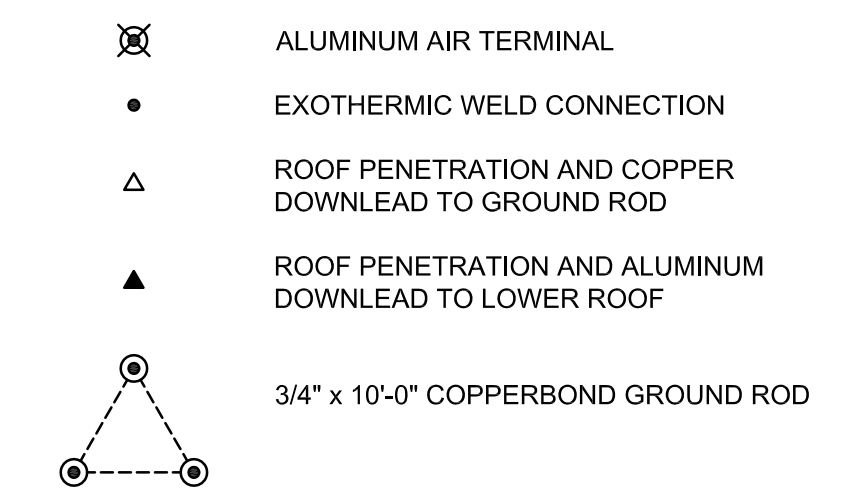
NOTE: VOICE/DATA CONNECTIONS SHALL BE PROVIDED BY OTHERS



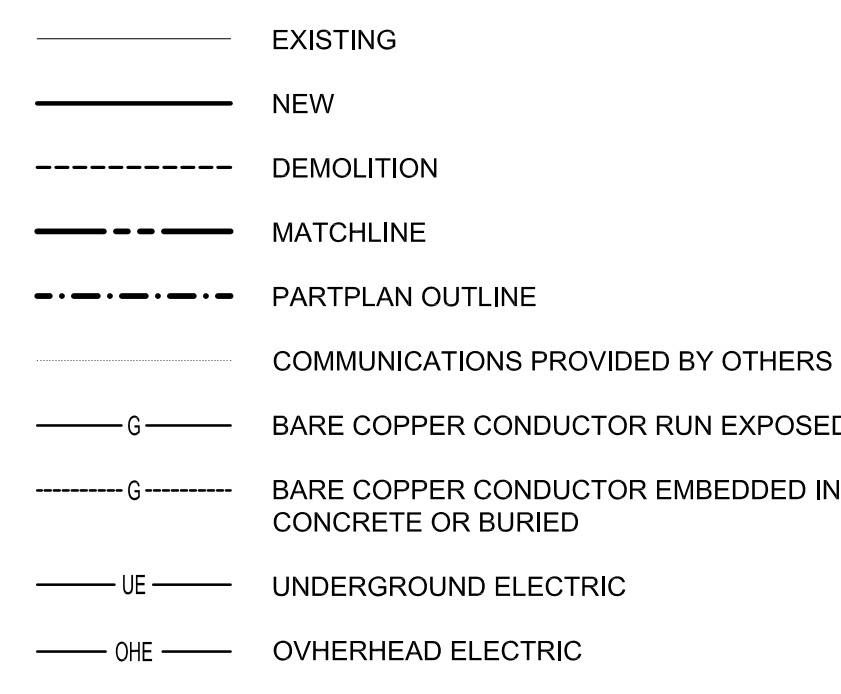
ONE-LINE DIAGRAM



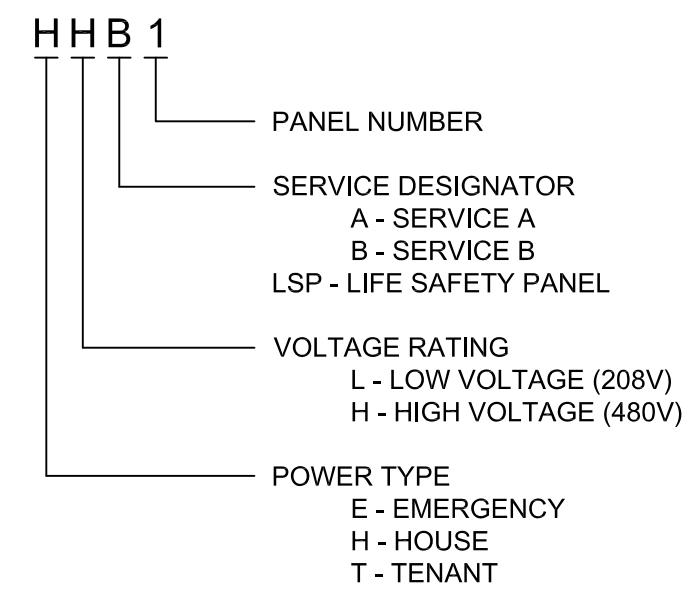
LIGHTNING PROTECTION & GROUNDING



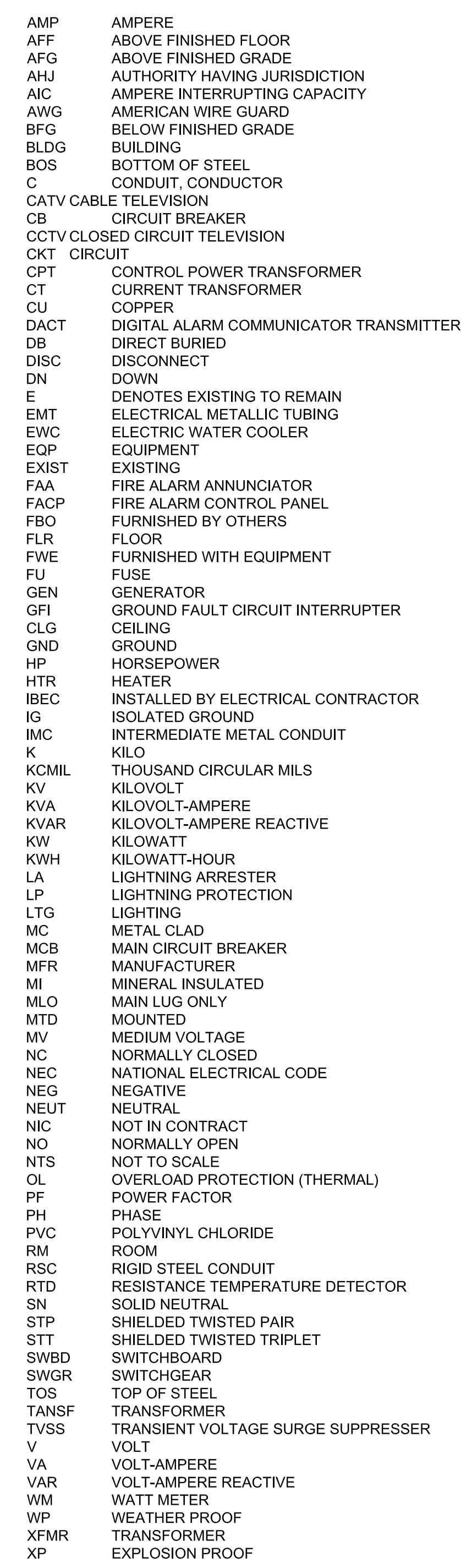
LINE TYPES



PANEL DESIGNATORS



ABBREVIATIONS



GENERAL NOTES

- ALL GENERAL NOTES, SYMBOL LISTS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL ELECTRICAL DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN.
- CONTRACTOR SHALL REFER TO FIRE ALARM, SECURITY, IT & PUBLIC ADDRESS SYSTEMS DRAWINGS FOR CONDUITS, WIRING REQUIREMENTS & ANY INFORMATION DIRECTLY RELATED TO THESE COMPONENTS.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC).
- ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS ARE PROVIDED BY DIVISION 16000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE).
- UNLESS OTHERWISE NOTED CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18-INCHES AFF, LIGHTING TOGGLE SWITCHES 48-INCHES AFF, DATA SYSTEM OUTLETS 18-INCHES AFF, FIRE ALARM NOTIFICATION DEVICES 80-INCHES AFF OR 8-INCHES BELOW CEILING, WHICHEVER IS LOWER, AND FIRE ALARM MANUAL PULL STATIONS 48-INCHES TO TOP OF DEVICE.
- ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF SEPARATION.
- ALL ENCLOSURES, CONDUIT BODIES AND THEIR COVERS CONTAINING FIRE ALARM SYSTEM CONDUCTORS SHALL BE PAINTED RED.
- AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
- UNLESS OTHERWISE NOTED WIRING SHALL BE #212 AWG CONDUCTORS AND #12 GND IN 3/4" C. HOME RUNS FED FROM 20A-1P CIRCUITS IN EXCESS OF 100 FEET SHALL BE #10 AWG.
- FLEXIBLE CONNECTIONS TO MOTORS SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUIT, UNLESS OTHERWISE NOTED.
- LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE 120 VOLT, SIDE WIRED AND PROVIDED WITH GROUNDING SCREW, LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL, COORDINATE COLOR WITH ARCHITECT.
- CONVENIENCE RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE GROUNDING TYPE NEMA 5-20R, SIDE WIRED, LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL. COORDINATE COLOR WITH ARCHITECT.
- PROVIDE WALL PLATES FOR ALL WIRING DEVICES. NF10R SMOOTH TYPE IN FINISHED AREAS AND GALVANIZED IN UNFINISHED AREAS.
- ALL WIRING SHALL BE 900V, COPPER WITH THHN/THWN INSULATION. SERVICE ENTRANCE CONDUCTORS SHALL HAVE XHHW INSULATION.
- CONTRACTOR SHALL NOT RUN ANY CONDUIT EMBEDDED IN SLABS DUE TO RADIANT FLOORING. CONTRACTOR MAY RUN CONDUIT BELOW SLABS AND STUB UP.

SHEET NOTES

GENERAL NOTES

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THESE DRAWINGS ARE ISSUED FOR CONSTRUCTION AND REFLECT ALL AMEC ISSUED BULLETINS AND SKETCHES.

| Issue | Date & Issue Description | By | Check |
|-------|-------------------------------------|-----|-------|
| 01 | 07/11/06 SCHEMATIC DESIGN | LAM | BHG |
| 02 | 09/22/06 DESIGN DEVELOPMENT | LAM | BHG |
| 03 | 12/03/06 75% CONSTRUCTION DOCUMENTS | LAM | BHG |
| 04 | 01/23/09 95% CONSTRUCTION DOCUMENTS | LAM | BHG |
| 05 | 10/26/09 ISSUED FOR PERMIT | LAM | BHG |
| 06 | 11/02/09 ADDENDUM #1 | LAM | BHG |
| 02 | 07 11/12/09 ADDENDUM #2 | LAM | BHG |
| 03 | 08 11/20/09 ADDENDUM #3 | LAM | BHG |
| 06 | 09 09/01/11 ISSUED FOR CONSTRUCTION | LAM | BHG |

Project Name
PWV Terminal Enhancement

Project Number
09-6395-000

CAD File Name
C:\AMEC\0330101E00.00.dwg

Description
ELECTRICAL LEGEND & GENERAL NOTES

Scale
1"=1'

E00.00

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