

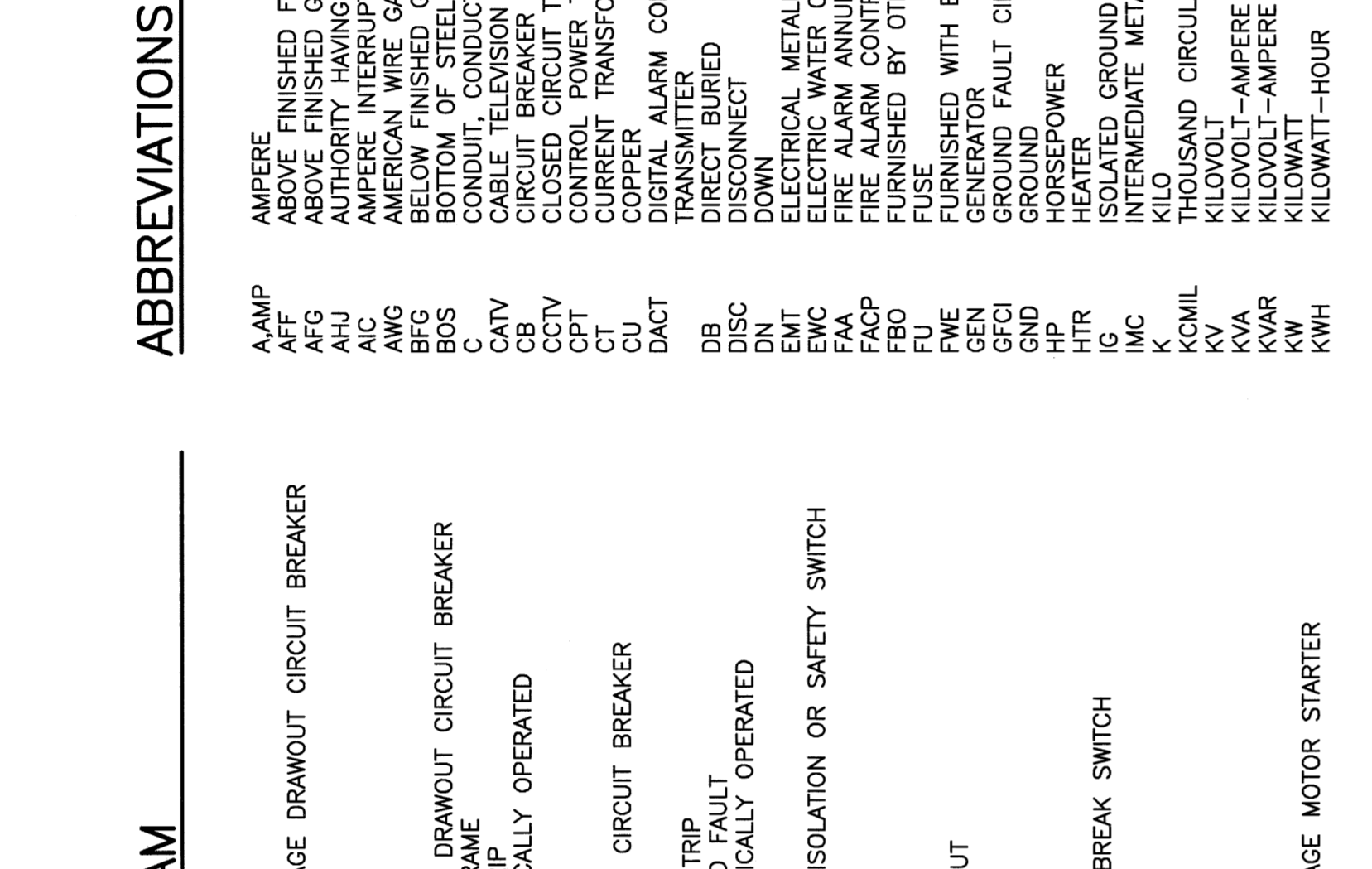
GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC).
2. ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR CONTROLS SHALL BE EQUIPPED WITH OVERCURRENT PROTECTION NOTED AS FURNISHED WITH EQUIPMENT (FWE).
3. UNLESS OTHERWISE NOTED, CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18-INCHES AFT. LIGHTING TOGGLE SWITCHES 48-INCHES AFT. DATA SYSTEM OUTLETS SHALL BE MOUNTED 48-INCHES AFT. LIGHTING TOGGLE SWITCHES 48-INCHES AFT. OR 6-INCHES BELOW CEILING, WHICHEVER IS LOWER, AND FIRE ALARM MANUAL PULL STATIONS 48-INCHES TO TOP OF DEVICE.
4. ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND CEILING SHALL BE SEALED WITH AN APPROVED FIRE RESISTANT MATERIAL TO MAINTAIN THE RATING OF SEPARATION.
5. ALL ENCLOSURES, CONDUIT BODIES AND THEIR COVERS SHALL BE PAINTED RED. ALL ALARM SYSTEM CONDUITS SHALL BE PAINTED RED.
6. ALL EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
7. UNLESS OTHERWISE NOTED, WIRING SHALL BE #12 AWG CONDUCTORS AND #12 GND. HOME RUNS FED FROM 20A-1P CIRCUITS IN EXCESS OF 100 FEET SHALL BE #10 AWG.
8. FLEXIBLE CONNECTIONS TO MOTORS SHALL BE LIQUID TIGHT LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE 277/220 VOLT, SIDE WIRE AND SHIELDED TWISTED PAIR. ALL WIRING SHALL BE SEWAGE OR APPROVED EQUAL COORDINATE COLOR WITH ARCHITECT.
9. LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE 277/220 VOLT, SIDE WIRE AND SHIELDED TWISTED PAIR. ALL WIRING SHALL BE SEWAGE OR APPROVED EQUAL COORDINATE COLOR WITH ARCHITECT.
10. CONVENIENCE RECEPTACLES SHALL BE HEAVY DUTY GRADE UNLESS NOTED OTHERWISE. BRANDING TYPE, NEMA 5-20R, EQUAL COORDINATE COLOR WITH ARCHITECT.
11. PROTECT WALL PILES FOR ALL WIRING SERVICES. ALL WIRING SHALL BE IN FINISHED AREAS AND BALUNZED IN UNFINISHED AREAS.
12. ALL WIRING SHALL BE 600V, COPPER WITH THIN/THIN INSULATION.

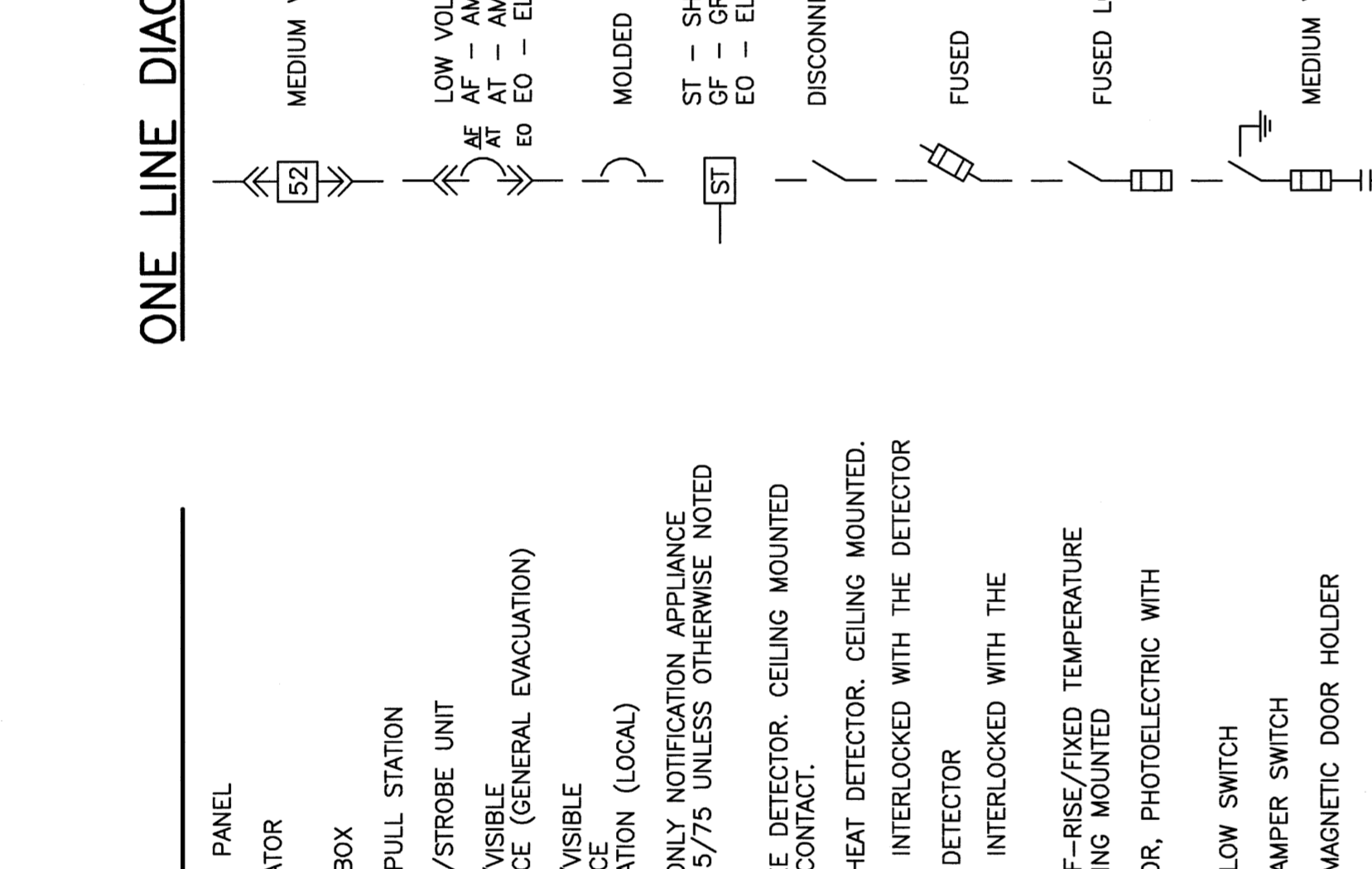
ABBREVIATIONS

| | |
|------|------------------------------------|
| LA | LIGHTNING ARRESTER |
| MB | MAN CIRCUIT BREAKER |
| MC | METAL CLAD |
| MB | MAN CIRCUIT BREAKER |
| MI | MINERAL INSULATED |
| MLO | MAN LUG ONLY |
| MB | MEDIUM VOLTAGE |
| NC | NORMALLY CLOSED |
| NO | NORMALLY OPEN |
| NEUT | NEUTRAL |
| NO | NORMALLY OPEN |
| NIS | NOT TO SCALE |
| PH | PHASE |
| PVC | POLYVINYL CHLORIDE |
| RSC | RIGID STEEL CONDUIT |
| RSD | RESISTANCE TEMPERATURE |
| RTD | RESISTANCE TEMPERATURE |
| SN | SHIELDED TWISTED PAIR |
| STP | SHIELDED TWISTED PAIR |
| SWR | SWITCHGEAR |
| TSS | TRANSIENT VOLTAGE SURGE SUPPRESSOR |
| V | VOLT-AMPERE REACTIVE |
| VA | VOLT-AMPERE REACTIVE |
| W | WEATHER PROOF |
| WP | WEATHER PROOF |
| XFMR | TRANSFORMER |
| XP | EXPLOSION PROOF |

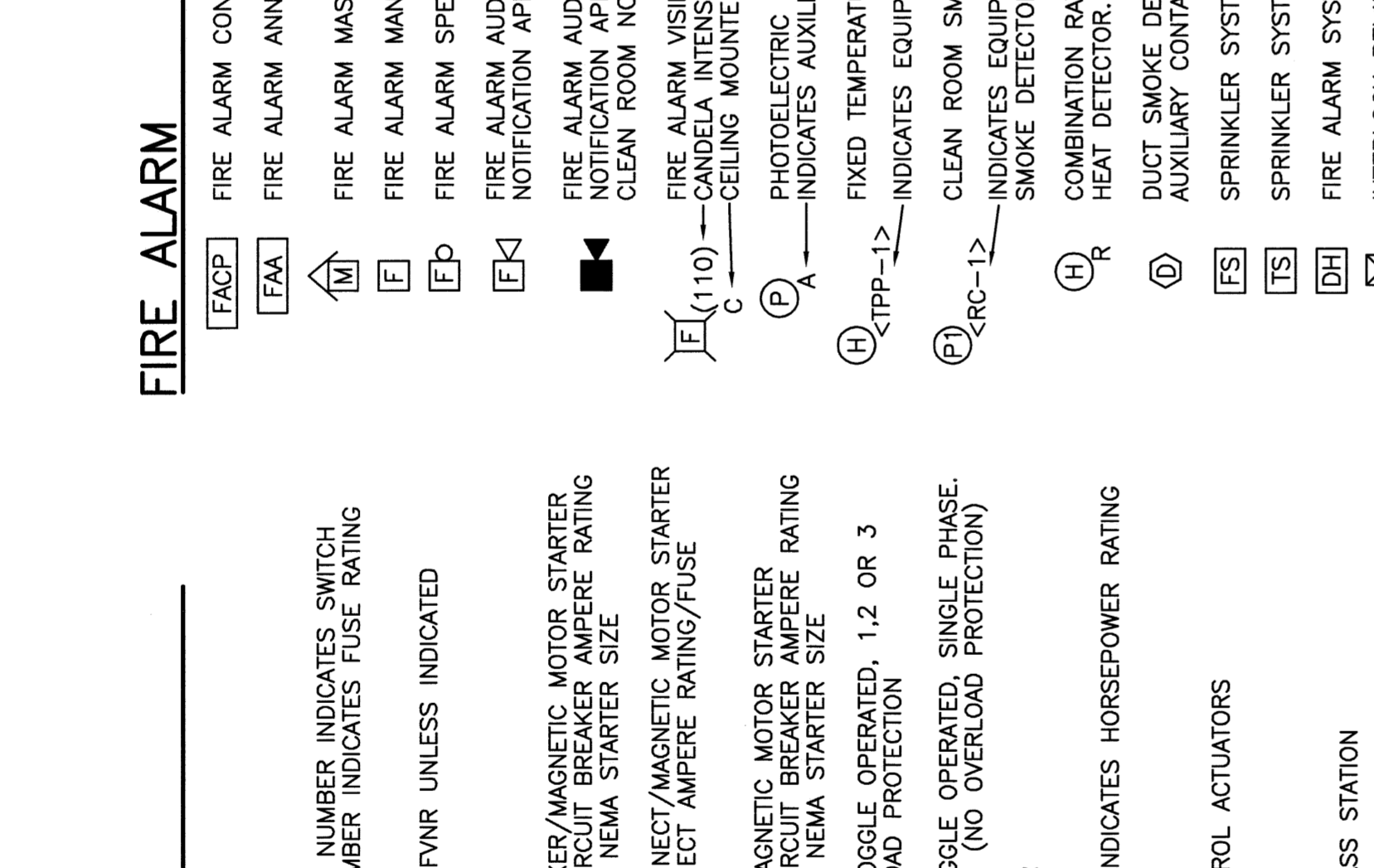
ONE LINE DIAGRAM



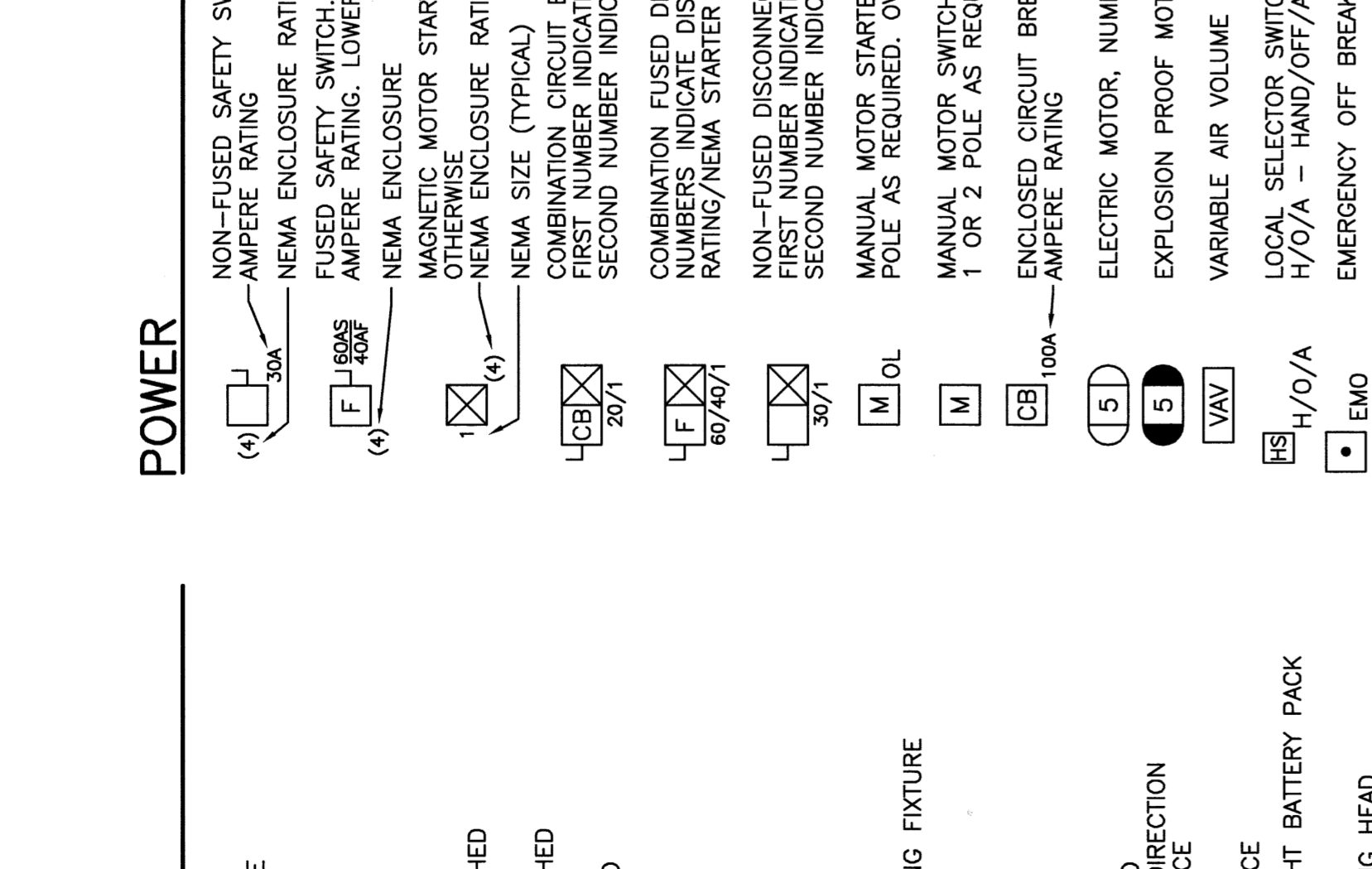
FIRE ALARM



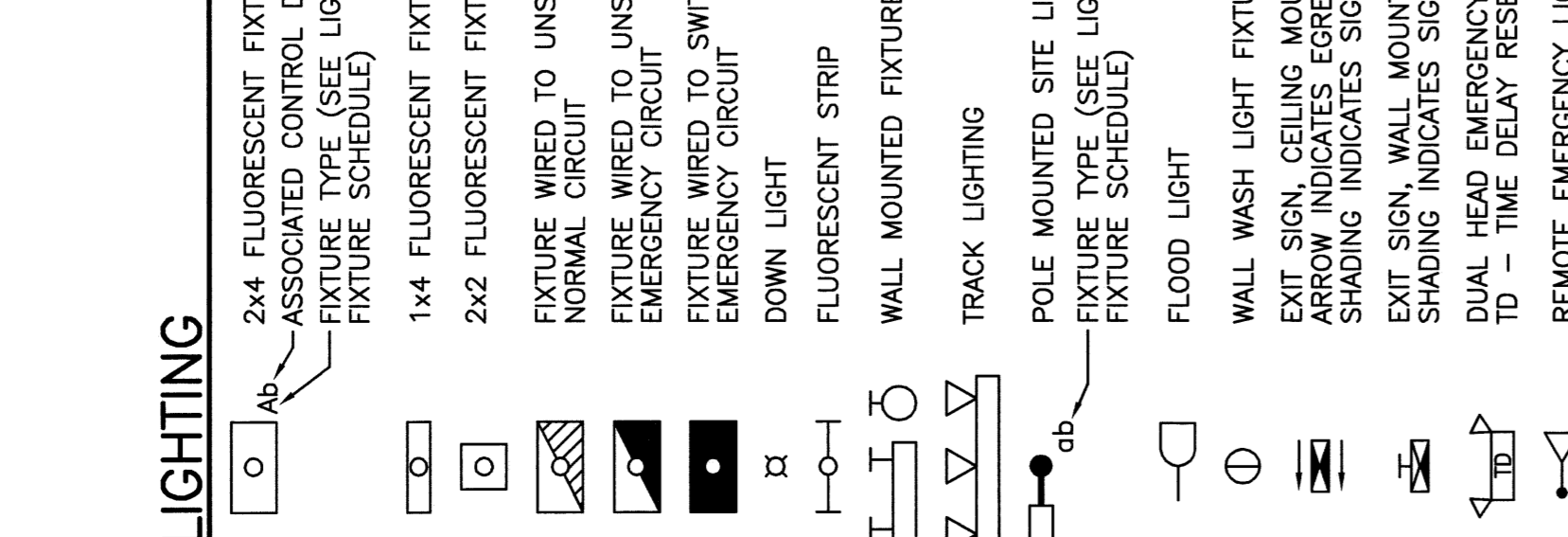
POWER



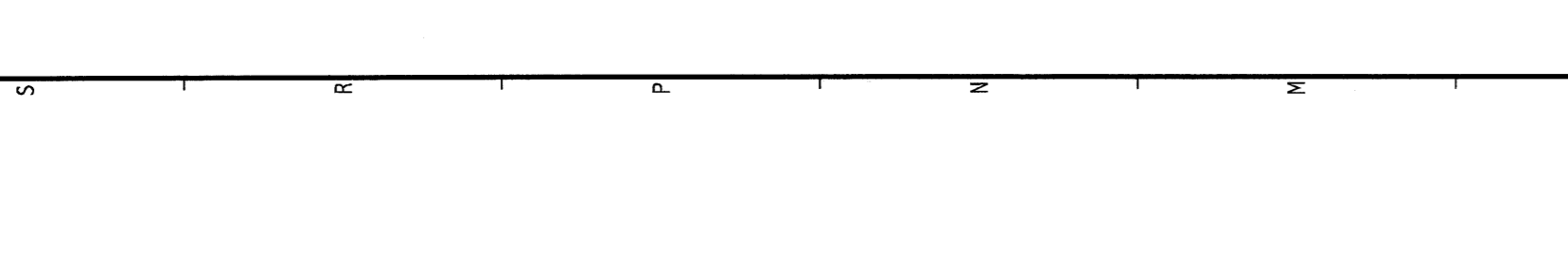
GROUNDING



SECURITY SYSTEMS



COMMUNICATION & DATA SYSTEMS



LEGEND AND GENERAL NOTES

| | |
|-----------------|---------------|
| PROJECT NO. | E-001-08.03 |
| SHEET NO. | E-001 |
| DATE | 9-12-08 |
| SCALE | GRAPHIC SCALE |
| PROJECT MANAGER | CDP |
| JOB COORDINATOR | MRO/CS |
| DATE OF RECORD | JPP |
| SWIT CAD FILE | E-001-08.03 |
| PROJECT NO. | 08098 |

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ISSUED FOR CONSTRUCTION
9-12-08

LEGEND AND GENERAL NOTES

1. ALL GENERAL NOTES, SYMBOL LISTS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL ELECTRICAL DRAWINGS ON THIS SHEET. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN.