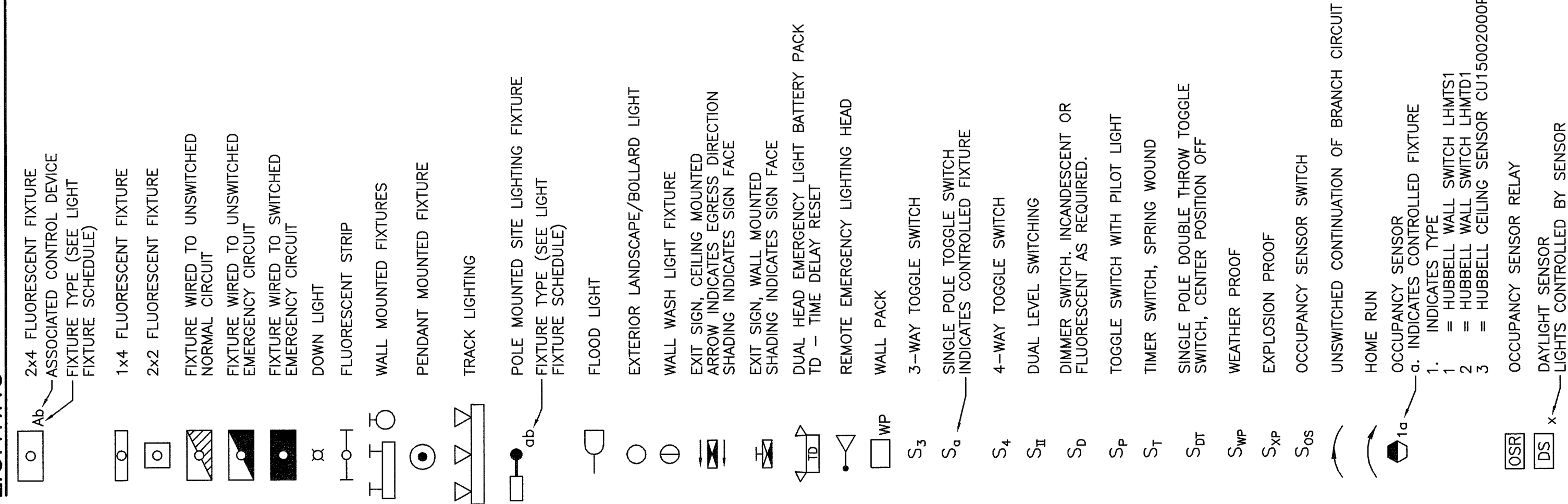
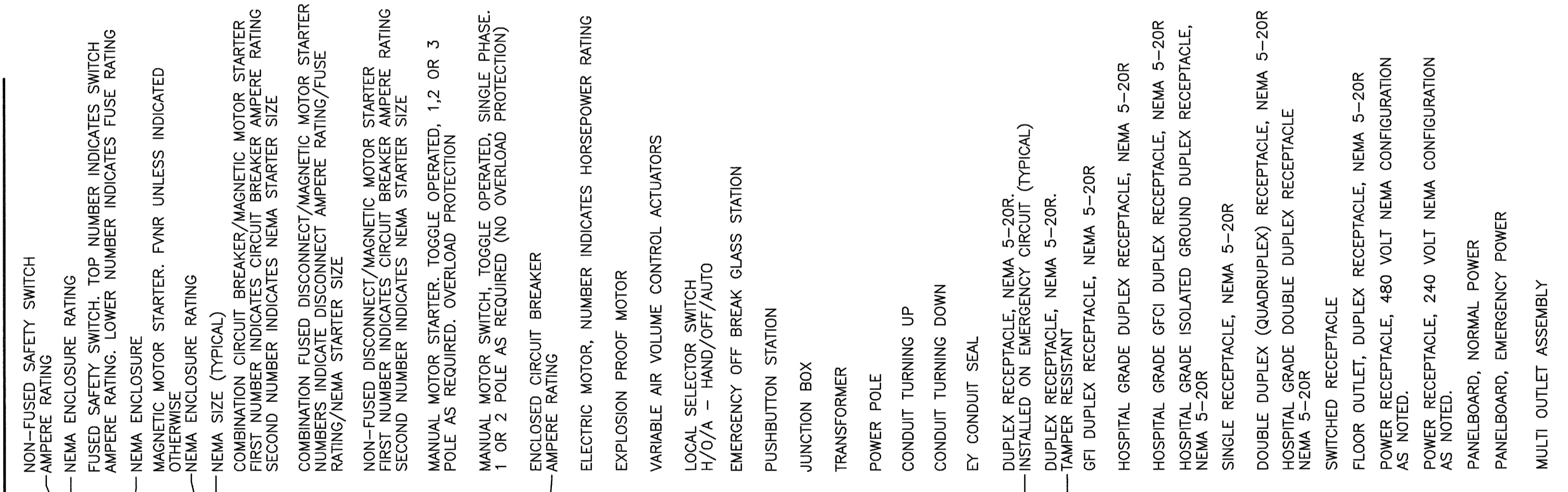


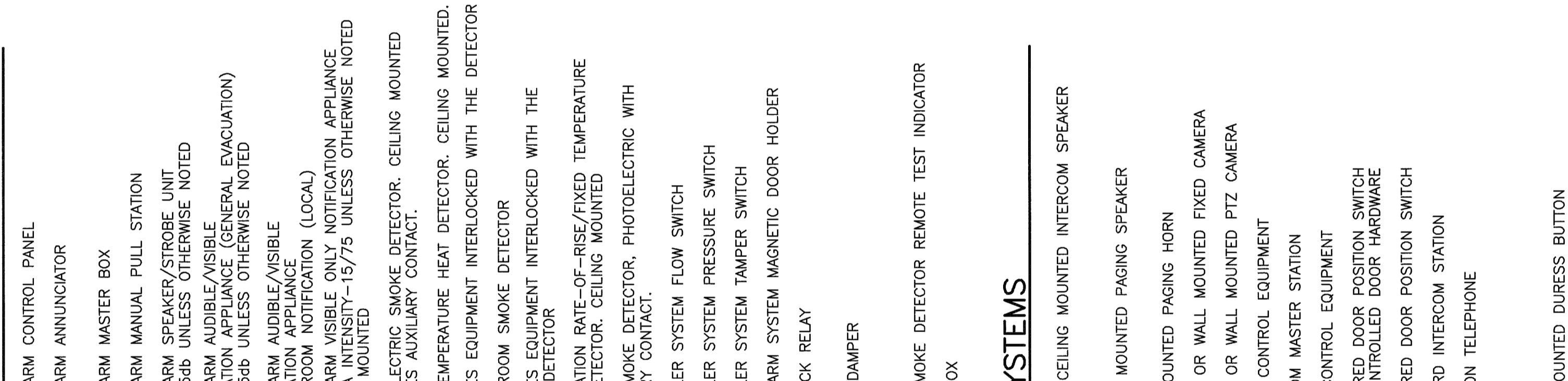
LIGHTING



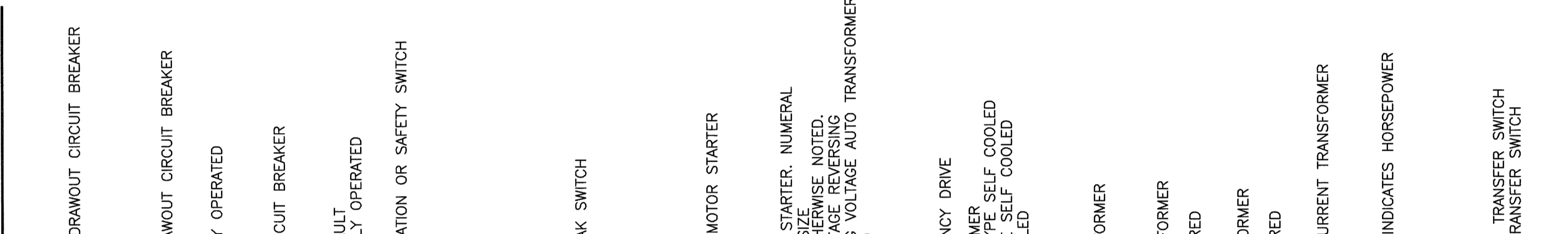
POWER



FIRE ALARM



ONE LINE DIAGRAM



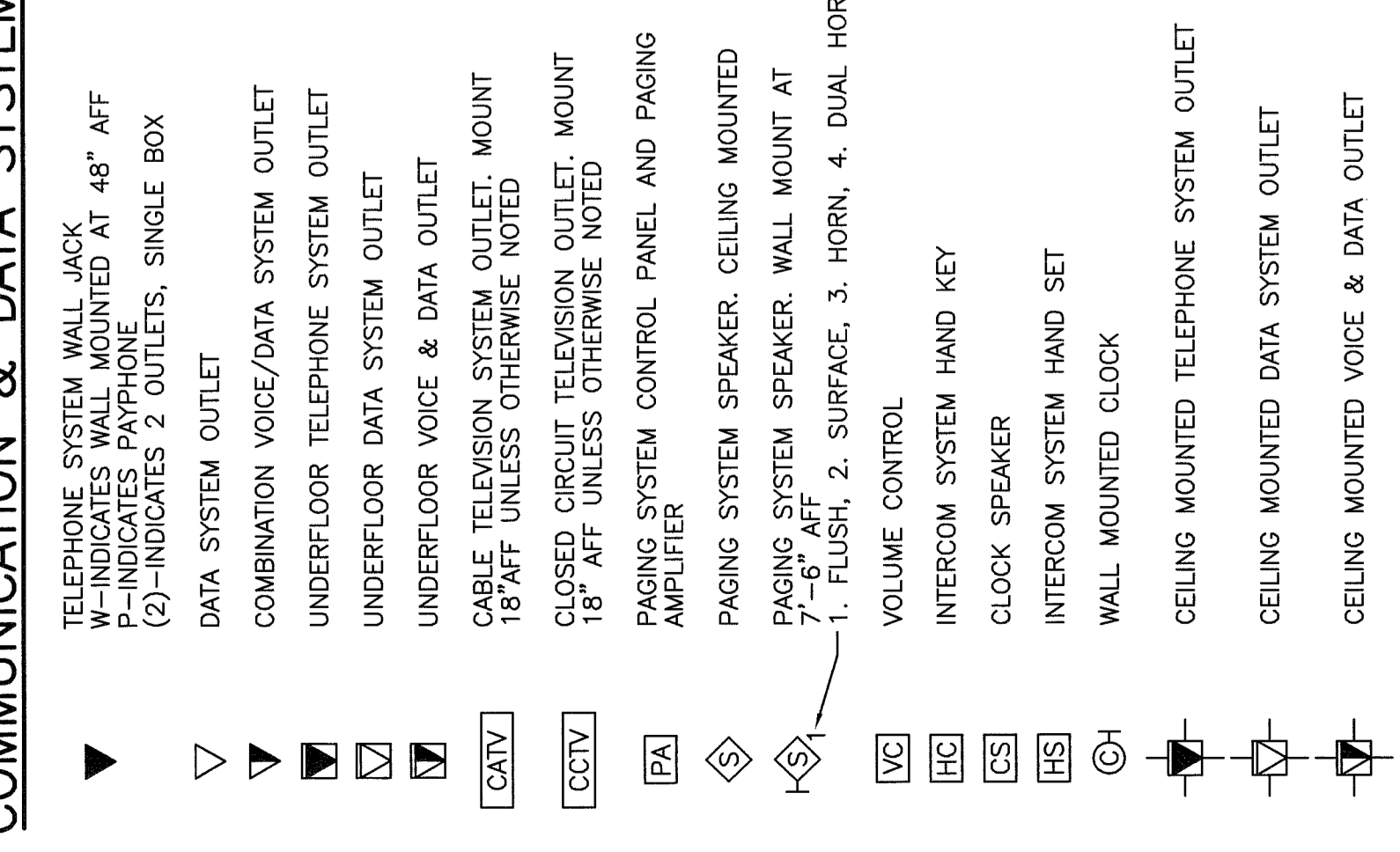
ABBREVIATIONS

Table of abbreviations for electrical components, including AAMP, AFF, AIC, AFU, ALC, AFB, AFD, AFS, AFT, AGL, AHA, AIB, AIC, AID, AIE, AIF, AIG, AII, AIO, AIP, AIS, AIT, AIV, AIX, AIZ, AJA, AKB, AKC, AKD, AKI, AKO, AKP, AKS, AKT, AKV, AKW, AKX, AKZ, ALA, ALB, ALC, ALD, ALE, ALF, ALG, ALH, ALI, ALJ, ALK, ALM, ALN, ALO, ALP, ALS, ALT, ALV, ALW, ALX, ALZ, ALA, ALB, ALC, ALD, ALE, ALF, ALG, ALH, ALI, ALJ, ALK, ALM, ALN, ALO, ALP, ALS, ALT, ALV, ALW, ALX, ALZ.

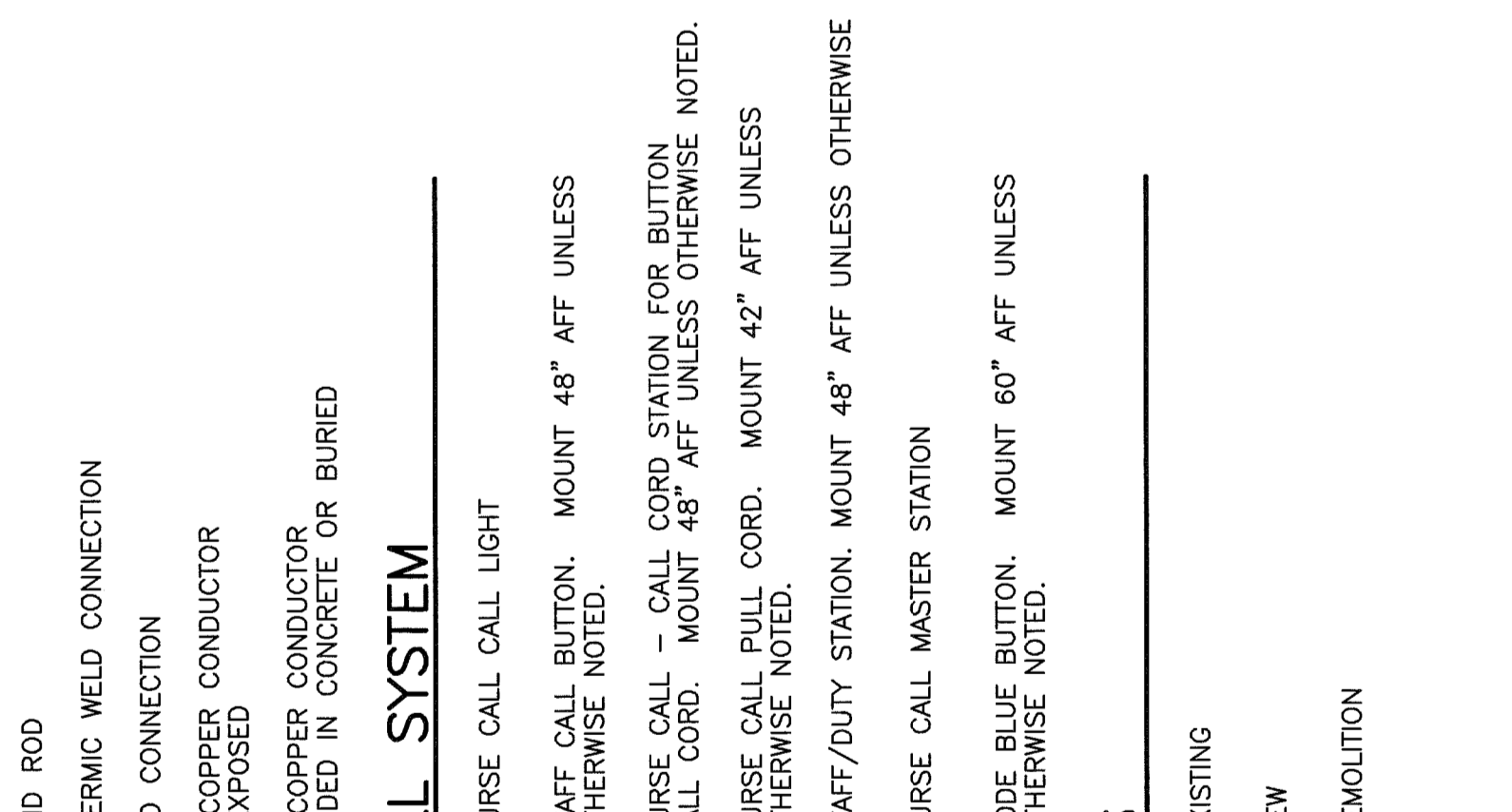
GENERAL NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC).
2. ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR SAFETY SWITCHES SHALL BE PROVIDED WITH EQUIPMENT NOTED AS FURNISHED WITH EQUIPMENT (FME).
3. UNLESS OTHERWISE NOTED, CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18-INCHES AFF. LIGHTING TOGGLE SWITCHES 48-INCHES AFF. DATA SYSTEM OUTLETS 18-INCHES AFF. FIRE ALARMS BELOW COLLINGRIDGE IS LOWER AND FIRE ALARM MANUAL PULL STATIONS 48-INCHES TO TOP OF DEVICE.
4. ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH AN APPROVED FIRE RESISTANT SEALANT. ALL PENETRATIONS THROUGH ROOFING SHALL BE PROVIDED THROUGH WALLS WHERE CABLE TRAY IS SHOWN DIAGRAMMATICALLY PASSING THROUGH ROOFING SHALL BE PROVIDED THROUGH WALLS WHERE TELECOMMUNICATION INSTALLER, WITH NON-INTRUSIVE SILICONE SEALANT TO FORM A SMOKE AND FIRE TIGHT SEAL.
5. ALL ENCLOSURES, CONDUIT BODIES AND THEIR COVERS SHALL BE PROVIDED WITH A FIRE ALARM SYSTEM CONDUCTORS SHALL BE PAINTED RED.
6. ALL EQUIPMENT INCLUDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
7. UNLESS OTHERWISE NOTED, WIRING SHALL BE 24V, AWG 20-18 OR 18-16 AWG. ALL WIRING SHALL BE RUN IN RIGID CONDUIT UNLESS OTHERWISE NOTED.
8. FLEXIBLE CONNECTIONS TO MOTORS SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUIT, UNLESS OTHERWISE NOTED.
9. LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE 120/277 VOLT, SIDE WIRE AND SHALL BE CHECKED FOR PROPER OPERATION. ALL EXISTING RECEPTACLES FED FROM NORMAL POWER WITH NEW GREY CONDUIT OR APPROVED EQUAL GRADE SHALL BE GREY.
10. CONVENIENCE RECEPTACLES SHALL BE INSTALLED, GRADE 120/277 VOLT, SIDE WIRE OR PULCRAL WIRE, SHALL BE CHECKED FOR PROPER OPERATION. ALL EXISTING RECEPTACLES FED FROM NORMAL POWER WITH NEW GREY CONDUIT OR APPROVED EQUAL GRADE SHALL BE GREY.
11. PROVIDE WALL PLATES FOR ALL NEW AND EXISTING WIRING DEVICES. UNLESS OTHERWISE NOTED, WALL PLATES SHALL BE STAINLESS STEEL IN FINISHED AREAS AND STAINLESS STEEL IN UNFINISHED AREAS.
12. WIRING AND DEVICES FOR VOICE/DATA JACKS, CITY JACKS, NURSE CALL SYSTEMS, CARD READERS AND SECURITY EQUIPMENT ARE PROVIDED BY THE OWNER. PROVIDE DRAWINGS AND 3/4" CONDUIT FROM THE BOX TO ABOVE AN ACCESSIBLE CEILING. CONDUITS FOR VOICE/DATA BOXES SHALL BE ROUTED TO CORRIDOR CABLE TRAY.
13. FLOOR OUTLET DEVICES SHALL BE COMBINATION TYPE WITH OPENINGS FOR POWER, COMMUNICATION AND AUDIO/VISUAL EQUIPMENT. PROVIDE 1" DUPLEX RECEPTACLE. FSR TYPE FL-500P OR EQUIVALENT.
14. VERIFY LOCATION OF EXISTING RECEPTACLES BY MEANS OF PIVOT HOLES OR BY AN ELECTRONIC LOCATION DEVICE PRIOR TO CONCRETE REMOVAL. DO NOT CUT EXISTING REINFORCING.
15. REFER TO ARCHITECTURAL DRAWING A-001 FOR ALTERNATES.

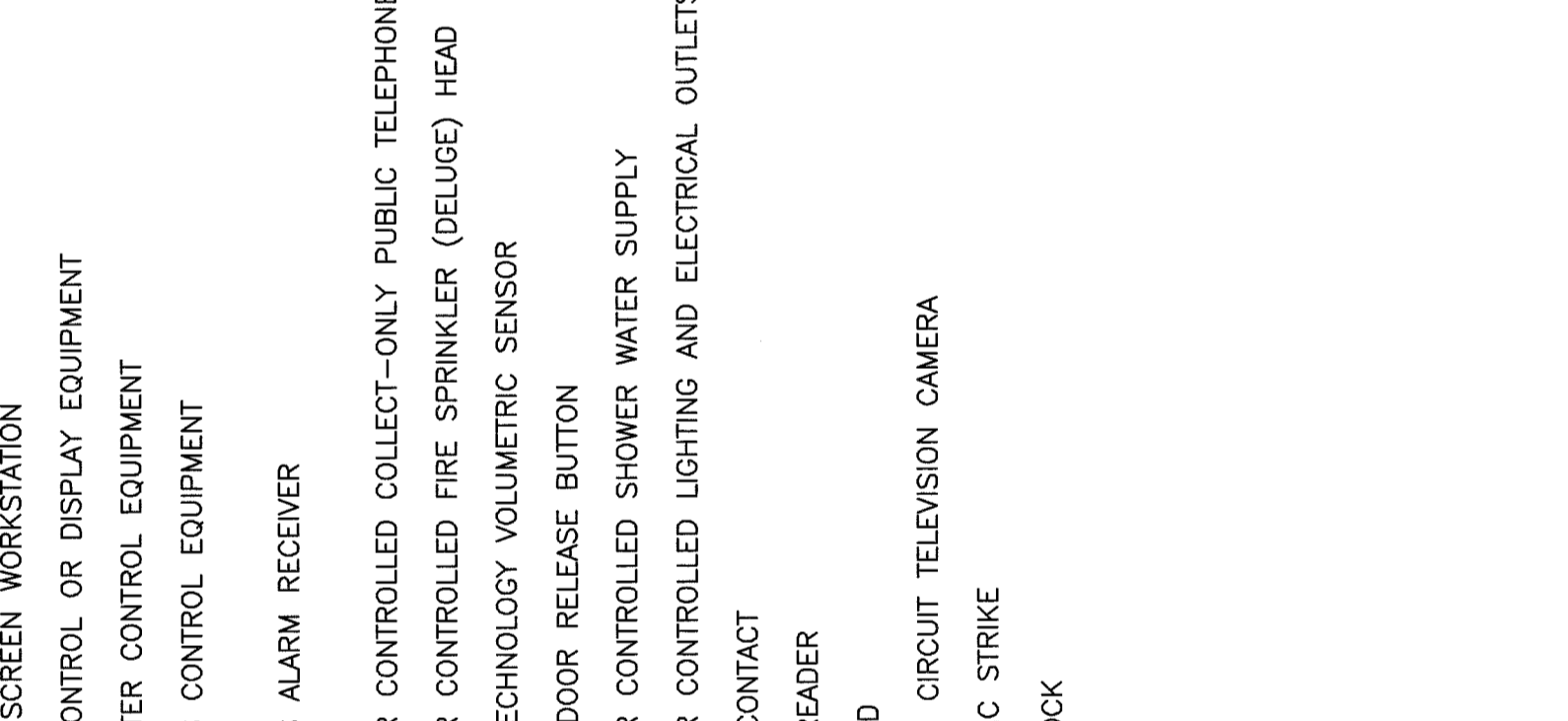
COMMUNICATION & DATA SYSTEMS



GROUNDING



SECURITY SYSTEMS



ONE LINE DIAGRAM



ABBREVIATIONS

Table of abbreviations for electrical components, including AAMP, AFF, AIC, AFU, ALC, AFB, AFD, AFS, AFT, AGL, AHA, AIB, AIC, AID, AIE, AIF, AIG, AII, AIO, AIP, AIS, AIT, AIV, AIX, AIZ, AJA, AKB, AKC, AKD, AKI, AKO, AKP, AKS, AKT, AKV, AKW, AKX, AKZ, ALA, ALB, ALC, ALD, ALE, ALF, ALG, ALH, ALI, ALJ, ALK, ALM, ALN, ALO, ALP, ALS, ALT, ALV, ALW, ALX, ALZ.

GENERAL NOTES:

- 1. 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.

LINE TYPES



LEGEND AND GENERAL NOTES

1. 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.

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SMRTI ARCHITECTURE ENGINEERING PLANNING INTERIOR DESIGN COMMISSIONING MAINE MEDICAL CENTER OFFICE OF MEDICAL EDUCATION PORTLAND, MAINE. PROJECT No. 08093200. SHEET No. E-001.