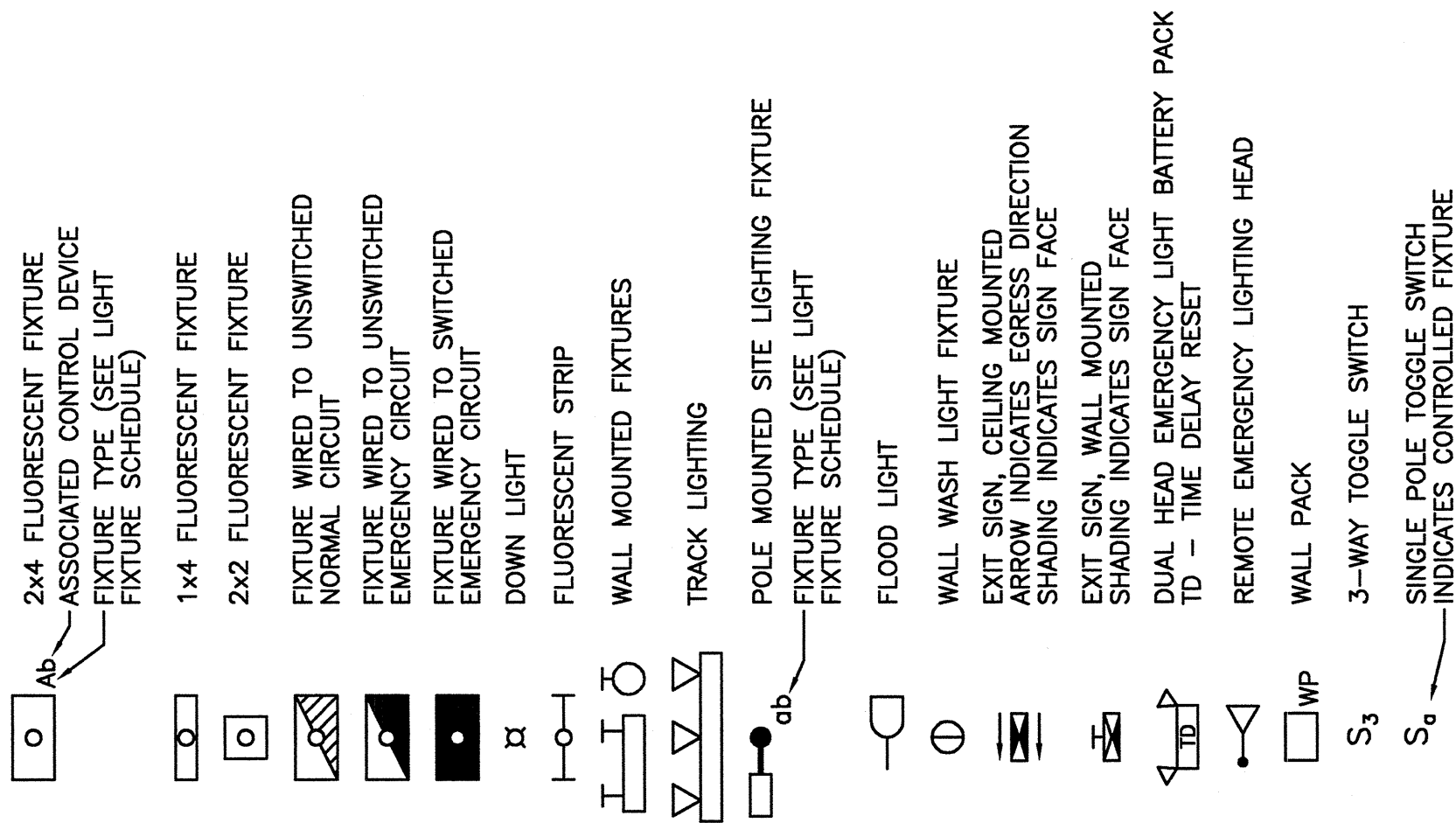
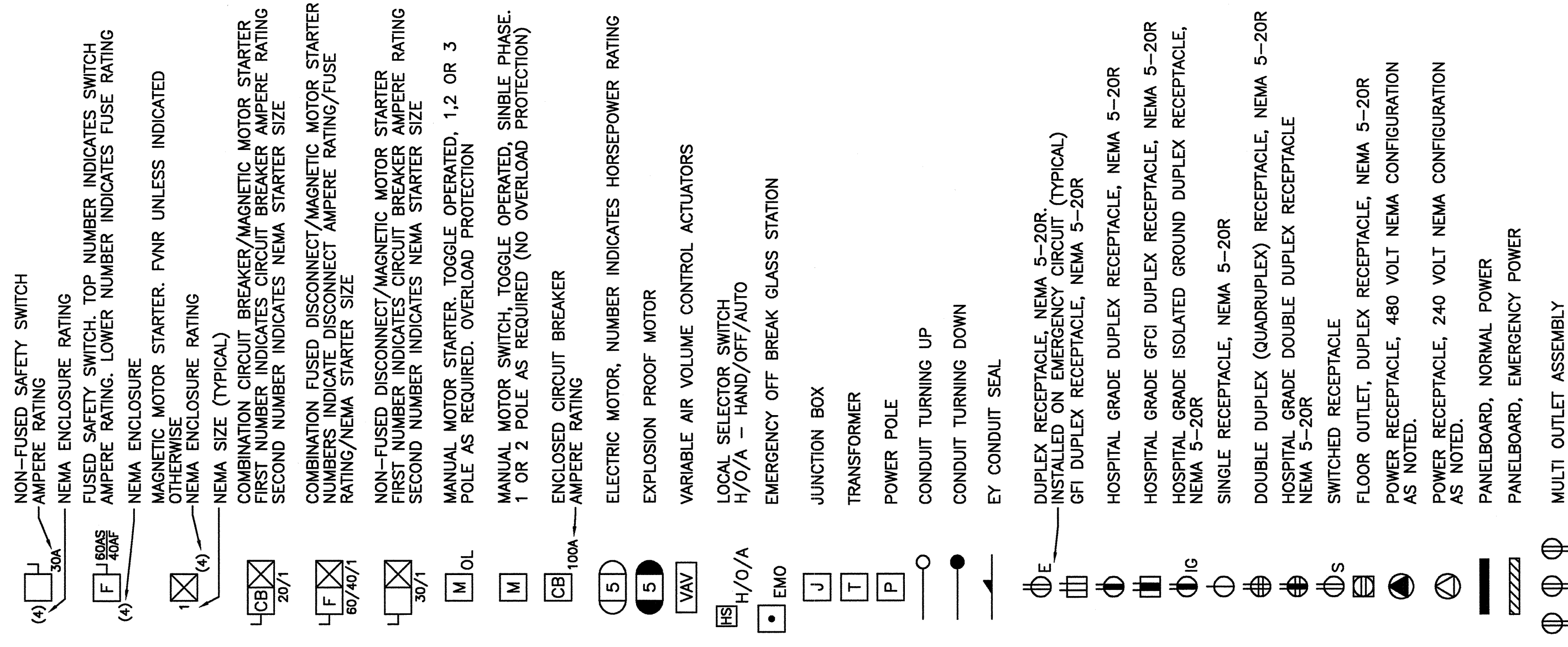


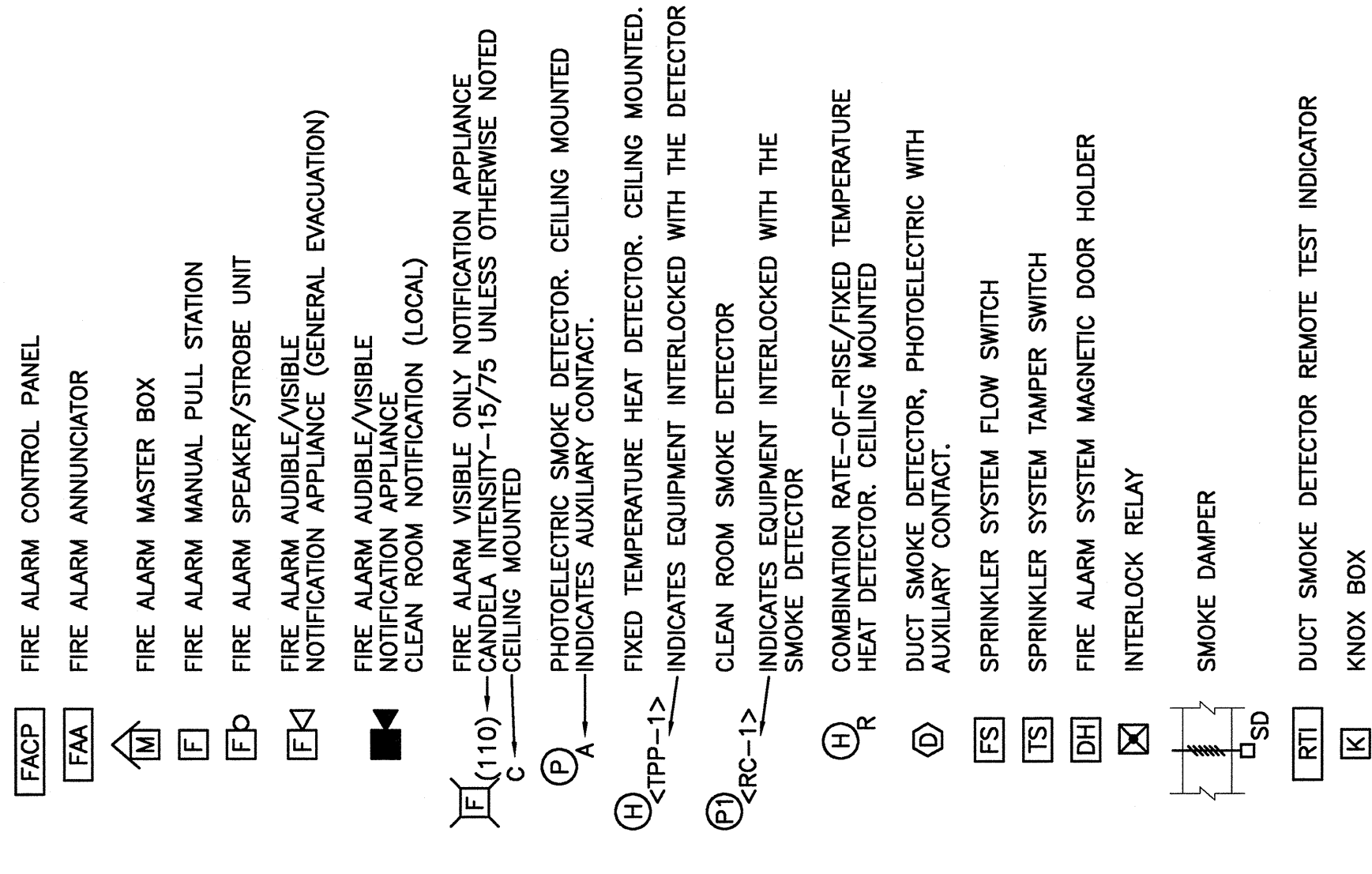
## LIGHTING



## POWER



## FIRE ALARM



## ABBREVIATIONS

AAMP	AMPERE	LA	LIGHTNING ARRESTER
AFG	ABOVE FINISHED FLOOR	LTG	LIGHTING
AHJ	AUTHORITY HAVING JURISDICTION	MC	METAL CLAD
AIC	AMPERE INTERRUPTING CAPACITY	MCB	MAIN CIRCUIT BREAKER
BWG	AMERICAN WIRE GAUGE	MFR	MANUFACTURER
BOS	BOTTOM OF STEEL	MIL	MINERAL INSULATED
BOS	BOTTOM OF STEEL	MLO	MOUNTED ONLY
C	CONDUIT, CONDUCTOR	MTD	MOUNTED
CATV	CABLE TELEVISION	MV	MEDIUM VOLTAGE
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRICAL CODE
CCTV	CLOSED CIRCUIT TELEVISION	NEG	NEGATIVE
CPT	CONTROL POWER TRANSFORMER	NET	NEUTRAL
CU	COPPER	NO	NORMALLY OPEN
CU	COPPER	NO	NORMALLY OPEN
DACT	DIGITAL ALARM COMMUNICATOR	NTS	NOT TO SCALE
DB	DIRECT BURIED	PF	POWER FACTOR
DISC	DISCONNECT	PH	PHASE
DN	DOWN	PVC	POLYVINYL CHLORIDE
DN	DOWN	RGS	RIGID STEEL CONDUIT
EMC	ELECTRIC WATER COOLER	RIS	RISER
EMC	ELECTRIC WATER COOLER	RTD	RESISTANCE TEMPERATURE DETECTOR
FAA	FIRE ALARM ANNUNCIATOR	SN	SOLID NEUTRAL
FACP	FIRE ALARM CONTROL PANEL	SN	SOLID NEUTRAL
FBO	FURNISHED BY OTHERS	STP	SHIELDED TWISTED PAIR
FU	FUSE	SIT	SHIELDED TWISTED TRIPLET
FWE	FURNISHED WITH EQUIPMENT	SWB	SWITCHBOARD
GEN	GENERAL	SWB	SWITCHBOARD
GEN	GENERAL	TR	TRANSFORMER
GND	GROUND	TR	TRANSFORMER
HP	HORSEPOWER	TRNSF	TRANSFORMER
HTR	HEATER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
IG	ISOLATED GROUND	V	VOLT
IMC	INTERMEDIATE METAL CONDUIT	VA	VOLT-AMPERE
IMC	INTERMEDIATE METAL CONDUIT	VAR	VOLT-AMPERE REACTIVE
KMIL	THOUSAND CIRCULAR MILS	WP	WEATHER PROOF
KV	KILOVOLT	WP	WEATHER PROOF
KVA	KILOVOLT-AMPERE	XFMR	TRANSFORMER
KVAR	KILOVOLT-AMPERE REACTIVE	XFP	EXPLOSION PROOF
KW	KILOWATT		
KWH	KILOWATT-HOUR		

## GENERAL NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC).
- 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 6-INCHES BELOW CEILING, WHICHEVER IS LOWER, AND FIRE ALARM MANUAL PULL STATIONS 48-INCHES AFF 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 THE 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 2 #12 AWG CONDUCTORS & #12 SHALL BE #10 AWG.
- 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.
- PROVIDE WALL PLATES FOR ALL WIRING DEVICES, NYLON SMOOTH TYPE IN FINISHED AREAS AND GALVANIZED IN UNFINISHED AREAS.
- ALL WIRING SHALL BE 600V, COPPER WITH THHN/THWN INSULATION.

## LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MFR.	LAMPS	MOUNTING	NOTES
A	2x2 PARABOLIC TROFFER W/ SEMI-SPECULAR REFLECTOR, 9 CELL, 3" DEEP LOUVER, 277V	COLUMBIA P422 SERIES	2-F31LUT8 3500K	RECESSED	
☒	DIE CAST ALUMINUM EXIT SIGN W/ BRUSHED ALUMINUM FACE & GREEN LETTERING 277V	PRESCOLITE DMX SERIES	LED	WALL OR CEILING	

## GENERAL NOTE

- 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.