

**LIGHTING**

- 244 FLUORESCENT FIXTURE ASSOCIATED CONTROL DEVICE FIXTURE TYPE (SEE LIGHT FIXTURE SCHEDULE)
- 144 FLUORESCENT FIXTURE
- 242 FLUORESCENT FIXTURE
- FIXTURE WIRING TO UNSWITCHED NORMAL CIRCUIT
- FIXTURE WIRING TO SWITCHED EMERGENCY CIRCUIT
- DOWN LIGHT
- FLUORESCENT STRIP
- WALL MOUNTED FIXTURES
- TRACK LIGHTING
- POLE MOUNTED SITE LIGHTING FIXTURE
- FIXTURE TYPE (SEE LIGHT FIXTURE SCHEDULE)
- FLOOD LIGHT
- WALL WASH LIGHT FIXTURE
- EXIT SIGN, CEILING MOUNTED
- ARROW INDICATES EGRESS DIRECTION
- SHOULDER INDICATES SIGN FACE
- EXIT SIGN, WALL MOUNTED
- SHOULDER INDICATES SIGN FACE
- DUAL HEAD EMERGENCY LIGHT BATTERY PACK TO THE BODY RESERVOIR
- REMOTE EMERGENCY LIGHTING HEAD
- WALL PACK
- 3-WAY TOGGLE SWITCH
- S<sub>3</sub> SINGLE POLE TOGGLE SWITCH INDICATES CONTROLLED FIXTURE
- S<sub>4</sub> 4-WAY TOGGLE SWITCH
- S<sub>4</sub> DUAL LEVEL SWITCHING
- S<sub>6</sub> DIMMER SWITCH, INCANDESCENT OR FLUORESCENT AS REQUIRED
- S<sub>7</sub> TOGGLE SWITCH WITH PILOT LIGHT
- S<sub>7</sub> TIMER SWITCH, SPRING WOUND
- S<sub>7</sub> SINGLE POLE DOUBLE THROW TOGGLE SWITCH, CENTER POSITION OFF
- S<sub>wp</sub> WEATHER PROOF
- S<sub>wp</sub> EXPLOSION PROOF
- S<sub>wp</sub> UNSWITCHED CONTINUATION OF BRANCH CIRCUIT
- HOME RUN
- OCUPANCY SENSOR
- INDICATES CONTROLLED FIXTURE
- INDICATES Aiming DIRECTION
- OCUPANCY SENSOR RELAY
- DATILIGHT SENSOR
- LIGHTS CONTROLLED BY SENSOR

**COMMUNICATION & DATA SYSTEMS**

- TELEPHONE SYSTEM WALL JACK
- W-INDICATES WALL MOUNTED AT 60" AFF
- 2-INDICATES PANTHONE
- (2)-INDICATES 2 OUTLETS, SINGLE BOX
- DATA SYSTEM OUTLET
- COMBINATION VOICE/DATA SYSTEM OUTLET
- UNDERFLOOR TELEPHONE SYSTEM OUTLET
- UNDERFLOOR DATA SYSTEM OUTLET
- UNDERFLOOR VOICE & DATA OUTLET
- CABLE TELEVISION SYSTEM OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED
- CLOSED CIRCUIT TELEVISION OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED
- PAGING SYSTEM CONTROL PANEL AND PAGING AMPLIFIER
- PAGING SYSTEM SPEAKER, CEILING MOUNTED
- PAGING SYSTEM SPEAKER, WALL MOUNT AT 1. FLUSH, 2. SURFACE, 3. HORN, 4. DUAL HORN
- VOLUME CONTROL
- INTERCOM SYSTEM HAND KEY
- CLOCK SPEAKER
- INTERCOM SYSTEM HAND SET
- WALL MOUNTED CLOCK
- CEILING MOUNTED TELEPHONE SYSTEM OUTLET
- CEILING MOUNTED DATA SYSTEM OUTLET
- CEILING MOUNTED VOICE & DATA OUTLET

**POWER**

- NON-FUSED SAFETY SWITCH
- AMPERE RATING
- NEMA ENCLOSURE RATING
- FUSED SAFETY SWITCH, TOP NUMBER INDICATES SWITCH AMPERE RATING, LOWER NUMBER INDICATES FUSE RATING
- MAGNETIC MOTOR STARTER, FANR UNLESS INDICATED
- NEMA ENCLOSURE RATING
- NEMA SIZE (TYPICAL)
- COMBINATION CIRCUIT BREAKER/MAGNETIC MOTOR STARTER
- FIRST NUMBER INDICATES CIRCUIT BREAKER AMPERE RATING
- SECOND NUMBER INDICATES NEMA STARTER SIZE
- COMBINATION FUSED DISCONNECT/MAGNETIC MOTOR STARTER
- FIRST NUMBER INDICATES CIRCUIT BREAKER AMPERE RATING
- SECOND NUMBER INDICATES NEMA STARTER SIZE
- MANUAL MOTOR STARTER, TOGGLE OPERATED, 1/2 OR 3 POLE AS REQUIRED, OVERLOAD PROTECTION
- MANUAL MOTOR SWITCH, TOGGLE OPERATED, SINGLE PHASE-1 OR 2 POLE AS REQUIRED (NO OVERLOAD PROTECTION)
- ENCLOSED CIRCUIT BREAKER
- AMPERE RATING
- ELECTRIC MOTOR, NUMBER INDICATES HORSEPOWER RATING
- EXPLOSION PROOF MOTOR
- VARIABLE AIR VOLUME CONTROL ACTUATORS
- H/O/A - HAND/OFF/AUTO
- EMERGENCY OFF BREAK GLASS STATION
- PUSHBUTTON STATION
- JUNCTION BOX
- TRANSFORMER
- POWER POLE
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- EP CONDUIT SEAL
- DUPLEX RECEPTACLE, NEMA 5-20R
- INSTALLED ON EMERGENCY CIRCUIT (TYPICAL)
- GFN DUPLEX RECEPTACLE, NEMA 5-20R
- HOSPITAL GRADE DUPLEX RECEPTACLE, NEMA 5-20R
- HOSPITAL GRADE GFN DUPLEX RECEPTACLE, NEMA 5-20R
- HOSPITAL GRADE ISOLATED GROUND DUPLEX RECEPTACLE, NEMA 5-20R
- SINGLE RECEPTACLE, NEMA 5-20R
- DOUBLE DUPLEX (QUAD/DUPLEX) RECEPTACLE, NEMA 5-20R
- HOSPITAL GRADE DOUBLE DUPLEX RECEPTACLE
- HOSPITAL GRADE
- SWITCHED RECEPTACLE
- FLOOR OUTLET, DUPLEX RECEPTACLE, NEMA 5-20R
- POWER RECEPTACLE, 480 VOLT NEMA CONFIGURATION AS NOTED
- POWER RECEPTACLE, 240 VOLT NEMA CONFIGURATION AS NOTED
- PANELBOARD, NORMAL POWER
- PANELBOARD, EMERGENCY POWER
- MULTI OUTLET ASSEMBLY

**FIRE ALARM**

- FIRE ALARM CONTROL PANEL
- FIRE ALARM ANNUNCIATOR
- FIRE ALARM MASTER BOX
- FIRE ALARM MANUAL PULL STATION
- FIRE ALARM SPEAKER/STROBE UNIT
- FIRE ALARM AUDIBLE/VISIBLE
- FIRE ALARM AUDIBLE/VISIBLE
- FIRE ALARM AUDIBLE/VISIBLE
- CLEAN ROOM NOTIFICATION (LOCAL)
- FIRE ALARM VISIBLE ONLY NOTIFICATION APPLIANCE
- CEILING MOUNTED
- PHOTORELECTRIC SMOKE DETECTOR, CEILING MOUNTED
- INDICATES AIRWAY CONTACT
- FIXED TEMPERATURE HEAT DETECTOR, CEILING MOUNTED
- INDICATES EQUIPMENT INTERLOCKED WITH THE DETECTOR
- CLEAN ROOM SMOKE DETECTOR
- INDICATES EQUIPMENT INTERLOCKED WITH THE SMOKE DETECTOR
- COMBINATION RATE-OF-RISE/FIXED TEMPERATURE
- HEAT DETECTOR, CEILING MOUNTED
- DUCT SMOKE DETECTOR, PHOTOELECTRIC WITH ADJUSTABLE CONTACT
- SPRINKLER SYSTEM FLOW SWITCH
- SPRINKLER SYSTEM TAMPER SWITCH
- FIRE ALARM SYSTEM MAGNETIC DOOR HOLDER
- INTERLOCK RELAY
- SMOKE DAMPER
- DUCT SMOKE DETECTOR REMOTE TEST INDICATOR
- KNOX BOX

**GROUNDING**

- GROUND ROD
- EXOTHERMIC WELD CONNECTION
- BOLTED CONNECTION
- BARE COPPER CONDUCTOR
- RUN EXPOSED
- EMBEDDED IN CONCRETE OR BURED
- NURSE CALL SYSTEM
- NURSE CALL CALL LIGHT
- PATIENT CALL BUTTON
- NURSE CALL PULL CORN
- NURSE CALL MASTER STATION

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**ABBREVIATIONS**

LA	LIGHTING	ARRESTER
LIG	LIGHTING	AND
MG	MAIN CIRCUIT	BREAKER
MFR	MANUFACTURER	
MLO	MANUFACTURED	
MTO	MANUFACTURED	
MV	MEDIUM VOLTAGE	
NAT	NATIONAL	ELECTRICAL CODE
NEG	NEGATIVE	
NIC	NORMALLY IN CONTACT	
NO	NORMALLY OPEN	
NTS	NOT TO SCALE	
PH	PHASE	
PIC	POLYIMIDE CHLORIDE	
EMT	ELECTRIC METAL TUBING	
EMC	ELECTRIC METAL CONDUIT	
EM	ELECTRIC METAL CONDUIT	
FAC	FIELD ASSEMBLY	
FAO	FIELD ASSEMBLY	
FI	FURNISHED BY OTHERS	
FL	FURNISHED WITH EQUIPMENT	
GEN	GENERATOR	
GRD	GROUND	
HTR	HEATER	
IC	ISOLATED GROUND	
K	KILO	
K	KILO	
KOML	KILOMETER	
KVA	KILOVOLT-AMPERE	
KVAR	KILOVOLT-AMPERE REACTIVE	
KWH	KILOWATT-HOUR	

**LIGHT FIXTURE SCHEDULE**

TYPE	DESCRIPTION	MFR.	LAMPS	MOUNTING	NOTES
A	244 PARABOLIC TROFFER W/ SEMI-SPHERICAL REFLECTOR, 18" CELL, 3" DEEP LOUVER, 277V	COLUMBIA P-421 SERIES	3-E798 3500K	RECESSED	PROVIDE FOR DUAL LEVEL IN CONFERENCE RM LIGHTS
B	8" ROUND APERTURE DOWNLIGHT W/ CLEAR ALZAK REFLECTOR, 277V	PREROSOLITE C780 SERIES	2-28W QUAD TUBE	RECESSED	
	EMERGENCY LIGHTING UNIT W/ MAINT. FREE BATTERY & SELF TESTING ELECTRONICS	PREROSOLITE EDS4 SERIES	INTERGRAL W/UNIT	WALL	

**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 STARTERS ARE PROVIDED BY DIVISION 18000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE).
3. UNLESS OTHERWISE NOTED CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18-INCHES AFF, LIGHTING TOGGLE SWITCHES/PRE-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.
4. ALL PENETRATIONS THROUGH FLOORS, RAISED WALKS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE RESISTANT MATERIAL TO MAINTAIN THE RATING OF THE PENETRATIONS.
5. ALL ENCLOSURES, CONDUIT BODIES AND THEIR COVERS SHALL BE PAINTED RED.
6. ALL EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EXIST FEEDER AND BRANCH CIRCUIT.
7. UNLESS OTHERWISE NOTED WIRING SHALL BE #12 AWG CONDUCTORS & #10 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, 120 VOLT, SIDE WOUND AND PROVIDED WITH GROUNDING SCREEN. LEADON, PASS AND SEWOUR OR APPROVED EQUAL. COORDINATE COLOR WITH ARCHITECT.
9. LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE GROUNDING TYPE NEMA 5-20R, SIDE WOUND AND PROVIDED WITH GROUNDING SCREEN. LEADON, PASS AND SEWOUR OR APPROVED EQUAL. COORDINATE COLOR WITH ARCHITECT.
10. CONVENIENCE RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE GROUNDING TYPE NEMA 5-20R, SIDE WOUND AND PROVIDED WITH GROUNDING SCREEN. LEADON, PASS AND SEWOUR OR APPROVED EQUAL. COORDINATE COLOR WITH ARCHITECT.
11. PROVIDE WALL PLATES FOR ALL WIRING DEVICES, EXCEPT UNFINISHED AREAS, AND OBTAINED IN UNFINISHED AREAS.
12. ALL WIRING SHALL BE 900V, COPPER WITH THIN/WHM INSULATION.

**ISSUED FOR CONSTRUCTION**  
10-30-03

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**UNUM PROVIDENT H01 CONFERENCE ROOMS**

**LEGEND AND GENERAL NOTES**

SHEET TITLE:	AS NOTED	DATE:	10-30-03
SCALE:	AS NOTED	DATE:	10-30-03
PROJECT MANAGER:	JLH	GRAPHIC SCALE:	0" = 1"
JOB CAP/DRAWN:	RLJ/BGS	DATE OF RECORD:	
DATE OF RECORD:	DJT	SHEET NO.:	E-001
SMART CAD FILE:	E-001-03125		
PROJECT NO.:	03125		

**GENERAL NOTE**  
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.