ABBREVIATIONS

A
- A — AMPERE
- AF — AMPERE FRAME (CIRCUIT BREAKER RATING)
- AFF — ABOVE FINISHED FLOOR
- AFG — ABOVE FINISHED GRADE
- AHU — AIR HANDLING UNIT
- AIC — AMPERE INTERRUPTING CAPACITY
- AL — ALUMINUM
- AM — AMMETER
- AUTO — AUTOMATIC
- ANN — ANNUNCIATOR
- ANSI — AMERICAN NATIONAL STANDARDS INSTITUTE
- ARCH — ARCHITECTURAL
- AS — AMMETER SELECTOR
- AT — AMPERE TRIP
- ATC — AUTOMATIC TEMPERATURE CONTROL
- ATS — AUTOMATIC TRANSFER SWITCH
- AWG — AMERICAN WIRE GAUGE

B
- BAS — BUILDING AUTOMATION SYSTEM
- BD — BOARD
- BKBD — BACKBOARD
- BKR — CIRCUIT BREAKER
- BLDG — BUILDING
- BWE — BAKED WHITE ENAMEL

C
- C — CONDUIT
- CAB — CABINET
- CAT — CATALOG
- C.B. — CIRCUIT BREAKER
- CH — CABINET HEATER
- CIR — CIRCUIT
- CKT — CIRCUIT
- CLG — CEILING
- COL — COLUMN
- CNTL — CONTROLLER
- COM — COMMUNICATION
- COMB — COMBINATION
- CON — CONNECTION
- CRIT — CRITICAL
- CS — CONTROL SWITCH
- CT — CABLE TRAY/CURRENT TRANSFORMER
- CU — COPPER

D
- D — DEMAND
- DIA — DIAMETER
- DWG — DWG

E
- E — WIRED ON EMERGENCY CIRCUIT
- EA — EACH
- EC — EMPTY CONDUIT
- EF — EXHAUST FAN
- ELEC — ELECTRICAL
- ELEV — ELEVATOR
- EM — EMERGENCY
- EMT — ELECTRICAL METALLIC TUBING
- EO — ELECTRICALLY OPERATED
- EQUIP — EQUIPMENT
- EX — EXAM LIGHT
- EXH — EXHAUST
- EXP — EXPLOSION PROOF

F
- F — FLUSH
- FA — FIRE ALARM
- FC — FAN COIL UNIT
- FDR — FEEDER
- FI — FILM ILLUMINATOR
- FLUOR — FLUORESCENT
- FPU — FIELD PROCESSING UNIT
- FS — FUSED SWITCH
- FT — FEET

G
- G — GROUND
- GA — GAUGE
- GEN — GENERATOR
- GF — GROUND FAULT
- GFCI — GROUND FAULT CIRCUIT INTERRUPTING
- GFI — GROUND FAULT INTERRUPTING
- GND — GROUND

H
- HH — HANDHOLE
- HID — HIGH INTESITY DISCHARGE
- HOA — HAND OFF AUTO
- HP — HORSEPOWER
- HTR — HEATER

I
- IC — INTERRUPTING CAPACITY
- INC — INCANDESCENT

J
- JB — JUNCTION BOX

K
- KCMIL — ONE THOUSAND CIRCULAR MILS
- KV — KILOVOLT
- KVA — KILOVOLT AMPERE
- KVAR — KILOVOLT AMPERE REACTIVE
- KW — KILOWATT
- KWH — KILOWATT HOUR

L
- LA — LIGHTNING ARRESTER
- LS — LIFE SAFETY
- LTG — LIGHTING

M
- MAX — MAXIMUM
- MCB — MAIN CIRCUIT BREAKER
- MCC — MOTOR CONTROL CENTER
- MCP — MOTOR CIRCUIT PROTECTOR
- MDP — MAIN DISTRIBUTION PANEL
- MECH — MECHANICAL
- MFS — MAIN FUSED SWITCH
- MH — MANHOLE
- MIN — MINIMUM
- MISC — MISCELLANEOUS
- ML — MATCH LINE
- MLO — MAIN LUGS ONLY
- MTD — MOUNTED
- MTS — MANUAL TRANSFER SWITCH
- MV — MEDIUM VOLTAGE

N
- NA — NOT APPLICABLE
- NC — NORMALLY CLOSED
- NEC — NATIONAL ELECTRIC CODE
- NEMA — NATIONAL ELECTRIC MANUFACTURES ASSOCIATION
- NFPA — NATIONAL FIRE PROTECTION ASSOCIATION
- NIC — NOT IN CONTRACT
- NL — NIGHTLIGHT
- NM — NURSE MASTER
- NO — NORMALLY OPEN
- NTS — NOT TO SCALE

O
- OCP — OVERCURRENT PROTECTION DEVICE
- OPER — OPERATOR

P
- P — POLE
- PT — POTENTIAL TRANSFORMER
- PVC — POLYVINYL CHLORIDE

R
- R — RISERS
- RGS — RIGID GALVANIZED STEEL

S
- S — SURFACE
- SCR — SHORT CIRCUIT INTERRUPTING RATING
- SP — SPARE
- SW — SWITCH

T
- TEL — TELEPHONE

U
- UG — UNDERGROUND
- UNO — UNLESS NOTED OTHERWISE

V
- V — VOLT

W
- W — WATT
- WP — WEATHERPROOF

X
- XFMR — TRANSFORMER

Y
- Y — WYE

DRAWING NOTES AND DESIGNATIONS

- KEY NOTES
- EQUIPMENT DESIGNATIONS
- ROOM NUMBERS
- FEEDER AND/OR BRANCH CIRCUIT NUMBER
- REVISION NOTATION (* INDICATES NUMBER)

DEMOLITION LEGEND
- "X" EXISTING ELECTRICAL DEVICE TO BE REMOVED
- "XM" EXISTING ELECTRICAL DEVICE TO BE MAINTAINED
- "XR" EXISTING ELECTRICAL DEVICE TO BE REMOVED AND RELOCATED
- "XL" EXISTING ELECTRICAL DEVICE RELOCATED

DRAWING LIST

ELECTRICAL

E001	ELECTRICAL LEGEND, GENERAL NOTES AND ABBREVIATIONS
E010	ELECTRICAL TEMPORARY POWER SITE PLAN
E011	ELECTRICAL SITE GROUNDING PLAN
E10B1.2	ELECTRICAL CONNECTOR SUB-LEVEL 1 DEMOLITION PLAN
E10B.2	ELECTRICAL CONNECTOR BASEMENT DEMOLITION PLAN
E10G.2	ELECTRICAL CONNECTOR GROUND LEVEL DEMOLITION PLAN
E20B6.1	ELECTRICAL GARAGE SUB-LEVEL 6 LIGHTING POWER AND SIGNAL PLAN
E20B5.1	ELECTRICAL GARAGE SUB-LEVEL 5 LIGHTING POWER AND SIGNAL PLAN
E20B4.1	ELECTRICAL GARAGE SUB-LEVEL 4 LIGHTING POWER AND SIGNAL PLAN
E20B3.1	ELECTRICAL GARAGE SUB-LEVEL 3 LIGHTING POWER AND SIGNAL PLAN
E20B2.1	ELECTRICAL GARAGE SUB-LEVEL 2 LIGHTING POWER AND SIGNAL PLAN
E20B1.1	ELECTRICAL GARAGE SUB-LEVEL 1 LIGHTING POWER AND SIGNAL PLAN
E20B.1	ELECTRICAL GARAGE BASEMENT LIGHTING POWER AND SIGNAL PLAN
E20G.1	ELECTRICAL GARAGE GROUND LEVEL LIGHTING POWER AND SIGNAL PLAN
E20B1.2	ELECTRICAL CONNECTOR SUB-LEVEL 1 LIGHTING PLAN
E20B.2	ELECTRICAL CONNECTOR BASEMENT LIGHTING PLAN
E20G.2	ELECTRICAL CONNECTOR GROUND LEVEL LIGHTING PLAN
E203.3	ELECTRICAL HELIPORT LEVEL 3 LIGHTING POWER AND SIGNAL PLAN
E30B1.2	ELECTRICAL SUB-LEVEL 1 POWER AND SIGNAL PLAN
E30B.2	ELECTRICAL CONNECTOR BASEMENT POWER AND SIGNAL PLAN
E30G.2	ELECTRICAL CONNECTOR GROUND LEVEL POWER AND SIGNAL PLAN
E30R.2	ELECTRICAL CONNECTOR ROOF POWER PLAN
E500	ELECTRICAL GARAGE PART PLANS
E505	ELECTRICAL VAULT PART PLANS AND ELEVATIONS
E506	ELECTRICAL VAULT POWER AND SIGNAL PART PLAN
E600	ELECTRICAL EXISTING NORMAL POWER ONE LINE DIAGRAM
E601	ELECTRICAL NORMAL POWER ONE LINE DIAGRAM
E602	ELECTRICAL RELAYING AND METERING WIRING DIAGRAM
E603	ELECTRICAL - GARAGE POWER RISER DIAGRAM
E604	ELECTRICAL FIRE ALARM RISER DIAGRAM
E700	ELECTRICAL SCHEDULES
E800	ELECTRICAL DETAILS

ELECTRICAL LEGEND

CONVENIENCE OUTLET (HOSPITAL GRADE) – REFER TO ARCHITECTURAL ELEVATIONS
- STANDARD RECEPTACLE DESIGNATION: "12" INDICATES BRANCH CIRCUIT NUMBER
- NEMA 5-20R DUPLEX RECEPTACLE (NORMAL CIRCUIT)
- NEMA 5-20R DUPLEX RECEPTACLE (EMERGENCY CRITICAL CIRCUIT)
- NEMA 5-20R DUPLEX RECEPTACLE – 9" BELOW FINISHED CEILING – U.N.O.
- NEMA 5-20R DUPLEX RECEPTACLE – TAMPER PROOF
- NEMA 5-20R DUPLEX RECEPTACLE – GROUND FAULT INTERRUPTING
- NEMA 5-20R DUPLEX RECEPTACLE – GROUND FAULT INTERRUPTING (EMERGENCY CRITICAL CIRCUIT)
- NEMA 5-20R DUPLEX RECEPTACLE – MOUNTED 6" ABOVE COUNTER BACKSPLASH – U.N.O.
- NEMA 5-20R DUPLEX RECEPTACLE – WEATHERPROOF
- NEMA 5-20R DUPLEX RECEPTACLE – ISOLATED GROUND
- NEMA 5-20R DOUBLE DUPLEX RECEPTACLE (NORMAL CIRCUIT)
- NEMA 5-20R DOUBLE DUPLEX RECEPTACLE (EMERGENCY CRITICAL CIRCUIT)
- NEMA 5-20R SINGLE RECEPTACLE (EMERGENCY CRITICAL CIRCUIT)
- NEMA 5-20R SINGLE RECEPTACLE
- NEMA L5-20R TWIST LOCK SINGLE RECEPTACLE (NORMAL CIRCUIT)
- NEMA L5-20R TWIST LOCK SINGLE RECEPTACLE (EMERGENCY CRITICAL CIRCUIT)
- SPECIAL PURPOSE WIRING DEVICE, NEMA CONFIGURATION AS INDICATED
- FLUSH FLOOR BOX ASSEMBLY WITH INDICATED DEVICE
- FLUSH FLOOR BOX ASSEMBLY WITH INDICATED DEVICE (EMERGENCY CRITICAL CIRCUIT)
- PP — POWER POLE
- SURFACE METAL RACEWAY WITH DEVICES INDICATED ON PLAN
- MULTI-OUTLET ASSEMBLY

MISCELLANEOUS
- LIGHTING AND/OR POWER PANELBOARD
- EXISTING LIGHTING AND/OR POWER PANELBOARD
- JUNCTION BOX
- LGA — LOCAL GAS ALARM PANEL CONNECTION
- MGA — MASTER GAS ALARM PANEL CONNECTION
- FI — FILM ILLUMINATOR CONNECTION
- EWC — ELECTRIC WATER COOLER CONNECTION
- FLOOR JUNCTION BOX
- GROUND JACK – NUMBER INDICATES QUANITY
- MOTOR CONNECTION
- DISCONNECT SWITCH – FUSED
- DISCONNECT SWITCH – UNFUSED
- PULL BOX
- DRY-TYPE TRANSFORMER
- MOTOR STARTER AND/OR CONTROL SWITCH
- COMBINATION DISCONNECT SWITCH AND MOTOR STARTER WITH PILOT WITH HAND-OFF-AUTO SELECTOR SWITCH
- CB — ENCLOSED SEPARATELY MOUNTED CIRCUIT BREAKER
- EGA — REMOTE GENERATOR ANNUNCIATOR PANEL
- TC — TIME CLOCK
- R — EMERGENCY SUPERVISORY RELAY
- LC — LIGHTING CONTACTOR (i.e. ASCO 917)
- PP — PUSH PLATE

CONDUIT RUNS
- LGE-1,3 — HOMERUN TO PANELBOARD "LGE" CIRCUIT NO.'S 1 AND 3 SLASH LINES INDICATE NO. OF CONDUCTORS; NO SLASH LINES INDICATE (2) CONDUCTORS. REQUIRED GROUND CONDUCTORS ARE NOT INDICATED. MINIMUM SIZE NO. 12AWG AND 3/4" CONDUIT UNLESS OTHERWISE INDICATED
- TURNING UP
- TURNING DOWN
- XM — EXISTING BRANCH CIRCUIT WIRING TO BE MAINTAINED
- XM — EXISTING BRANCH CIRCUIT HOMERUN TO BE MAINTAINED

LIGHTING FIXTURE AND OUTLET BOX – LETTER REFERS TO FIXTURE SCHEDULE
- FR / 8 / b — STANDARD LIGHTING FIXTURE DESIGNATION: "FR" INDICATES LIGHTING FIXTURE TYPE (REFER TO LIGHTING FIXTURE SCHEDULE); "8" INDICATES BRANCH CIRCUIT NUMBER; "b" INDICATES SWITCH CONTROL
- FLUORESCENT LIGHTING FIXTURE (NORMAL CIRCUIT)
- FLUORESCENT LIGHTING FIXTURE (EMERGENCY LIFE SAFETY CIRCUIT)
- FLUORESCENT LIGHTING FIXTURE (EMERGENCY CRITICAL CIRCUIT)
- RECESSED LIGHTING FIXTURE (NORMAL CIRCUIT)
- RECESSED LIGHTING FIXTURE (EMERGENCY LIFE SAFETY CIRCUIT)
- RECESSED LIGHTING FIXTURE (EMERGENCY CRITICAL CIRCUIT)
- WALL MOUNTED (BRACKET OR FLUSH) LIGHTING FIXTURE (NORMAL CIRCUIT)
- WALL MOUNTED (BRACKET OR FLUSH) LIGHTING FIXTURE (EMERGENCY LIFE SAFETY CIRCUIT)
- WALL MOUNTED (BRACKET OR FLUSH) LIGHTING FIXTURE (EMERGENCY CRITICAL CIRCUIT)
- EXIT SIGN – CEILING MOUNTED – REFER TO PLANS FOR DIRECTIONAL ARROWS
- EXIT SIGN – WALL MOUNTED – REFER TO PLANS FOR DIRECTIONAL ARROWS
- EMERGENCY LIGHTING BATTERY UNIT
- EMERGENCY REMOTE LIGHTING HEAD

TUMBLER SWITCHES
- S — 20 AMPERE 120/277 VOLT, SINGLE POLE SWITCH – LETTER INDICATES SWITCHING ARRANGEMENT
- S2a — 20 AMPERE 120/277 VOLT, TWO POLE SWITCH – LETTER INDICATES SWITCHING ARRANGEMENT
- S3a — 20 AMPERE 120/277 VOLT, THREE POLE SWITCH – LETTER INDICATES SWITCHING ARRANGEMENT
- S4a — 20 AMPERE 120/277 VOLT, FOUR POLE SWITCH – LETTER INDICATES SWITCHING ARRANGEMENT
- SK — 20 AMPERE 120/277 VOLT, SINGLE POLE KEY SWITCH
- S2K — 20 AMPERE 120/277 VOLT, TWO POLE KEY SWITCH
- S3K — 20 AMPERE 120/277 VOLT, THREE POLE KEY SWITCH
- S4K — 20 AMPERE 120/277 VOLT, FOUR POLE KEY SWITCH
- ST — SINGLE POLE SWITCH WITH THERMAL ELEMENT
- SP — SINGLE POLE SWITCH WITH PILOT LIGHT
- SD — DIMMER SWITCH
- MD — MOTION DETECTOR OR SENSOR

NURSE CALL SYSTEM
- SB — SINGLE BED STATION WITH WALL SPEAKER AND PATIENT CONTROL UNIT
- SBC — SINGLE BED STATION WITH WALL SPEAKER AND SINGLE ACTION PUSH BUTTON CORD SET
- PB — PUSH BUTTON TYPE PATIENT STATION
- 2B — DUAL BEDSIDE STATION WITH WALL SPEAKER AND TWO PATIENT CONTROL UNITS
- T — TOILET/DRESSING ROOM STATION
- S — SHOWER STATION, CEILING MOUNTED WITH PULL CORD
- CB — CODE BLUE STATION
- DOME LIGHT WITH SINGLE LAMP, CEILING MOUNTED
- DOME LIGHT WITH SINGLE LAMP, WALL MOUNTED
- DS — DUTY STATION
- SS — STAFF STATION
- SE — STAFF EMERGENCY STATION
- Z — ZONE DOME LIGHT, CEILING OR WALL MOUNTED
- CB — CODE BLUE ZONE DOME LIGHT WITH 2 LAMPS, CEILING OR WALL MOUNTED
- P — PSYCHIATRIC PATIENT STATION
- PA — PSYCHIATRIC SPEAKER/MICROPHONE, CEILING MOUNTED
- PT — PSYCHIATRIC TOILET/DRESSING STATION
- PS — PSYCHIATRIC BATH/SHOWER STATION
- MS — NURSE CALL MASTER STATION, WALL OR DESK MOUNTED
- CBA — NURSE CALL CODE BLUE ANNUNCIATOR, WALL OR DESK MOUNTED
- EC — NURSE CALL EQUIPMENT CABINET "EC" INDICATES INDIVIDUAL CABINET DESIGN
- A — NURSE CALL ANNUNCIATOR STATION
- AA — NURSE CALL AUXILIARY ANNUNCIATOR STATION
- RC — NURSE CALL RELAY CABINET

COMMUNICATIONS
- W — TELEPHONE OUTLET DEVICE (WALL MOUNTED) – PROVIDE 3/4" C. TO ABOVE HUNG CEILING
- P — TELEPHONE OUTLET DEVICE (PUBLIC) – PROVIDE 3/4" C. TO ABOVE HUNG CEILING
- TELEPHONE OUTLET DEVICE – PROVIDE 3/4" C. TO ABOVE HUNG CEILING
- COMPUTER/TELEPHONE OUTLET DEVICE – PROVIDE 3/4" C. TO ABOVE HUNG CEILING
- TELEPHONE FLOOR BOX
- TELEPHONE/DATA FLOOR BOX
- TV — CABLE TELEVISION OUTLET DEVICE – PROVIDE 3/4" C. TO ABOVE HUNG CEILING
- IC — INTERCOM OUTLET DEVICE
- M — MONITOR OUTLET DEVICE – PROVIDE 3/4" C. TO ABOVE HUNG CEILING

FIRE ALARM SYSTEM
- F — MANUAL PULL STATION
- FIRE ALARM SIGNALS (AUDIBLE AND VISUAL)
- FIRE ALARM SIGNAL (VISUAL ONLY)
- FIRE ALARM SIGNALS (AUDIBLE AND VISUAL) – 30 CANDELA
- FIRE ALARM SIGNALS (AUDIBLE AND VISUAL) – 60 CANDELA
- FIRE ALARM SIGNALS (AUDIBLE AND VISUAL) – 95 CANDELA
- FIRE ALARM SIGNALS (AUDIBLE AND VISUAL) – CHIME
- FIRE ALARM SIGNALS (AUDIBLE AND VISUAL) – GONG
- FIRE ALARM SIGNALS (AUDIBLE AND VISUAL) (CEILING MTD)
- R — HEAT DETECTOR – RATE OF RISE
- F — HEAT DETECTOR – FIXED TEMPERATURE
- SMOKE DETECTOR
- D — DUCT SMOKE DETECTOR IN SUPPLY AND/OR RETURN AIR DUCTS
- DD — HVAC DUCT DAMPER
- FLAME DETECTOR
- T — BEAM DETECTOR TRANSMITTER
- R — BEAM DETECTOR RECEIVER
- FIRE ALARM MINI HORN/STROBE UNIT
- RTS — SMOKE DETECTOR REMOTE TEST STATION
- DH — ELECTRO-MAGNETIC DOOR HOLDER CONNECTION
- FS — FLOW SWITCH – FURNISHED BY DIVISION 15, WIRED BY DIVISION 16
- TS — TAMPER SWITCH – FURNISHED BY DIVISION 15, WIRED BY DIVISION 16
- PS — PRESSURE SWITCH – FURNISHED BY DIVISION 15, WIRED BY DIVISION 16
- FACP — FIRE ALARM CONTROL PANEL
- FAA — FIRE ALARM ANNUNCIATOR
- FIRE ALARM MASTER BOX
- F — FIRE FIGHTERS TELEPHONE
- REMOTE INDICATING LIGHT

PUBLIC ADDRESS
- S — FLUSH CEILING SPEAKER
- S — WALL MOUNTED SPEAKER BI-DIRECTIONAL
- V — VOLUME CONTROL
- M — MICROPHONE OUTLET DEVICE
- A — AMPLIFIER

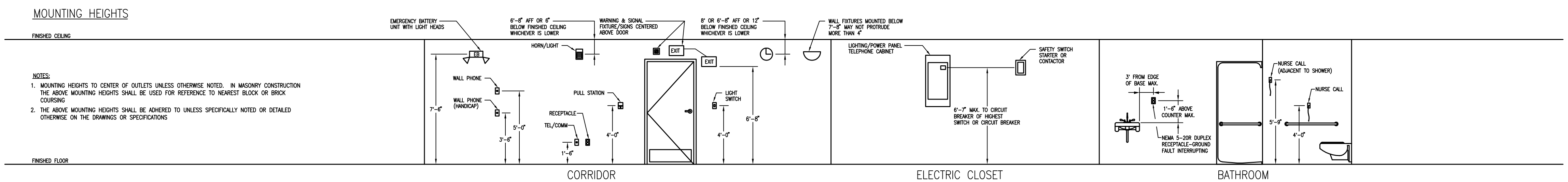
PHYSIOLOGICAL MONITORING
- PM PS — PHYSIOLOGICAL MONITORING SYSTEM PATIENT STATION
- PM MS — PHYSIOLOGICAL MONITORING SYSTEM MASTER STATION
- PM CPU — PHYSIOLOGICAL MONITORING SYSTEM CENTRAL PROCESSING UNIT

MASTER CLOCK
- CLOCK OUTLET (WALL MOUNTED)
- CLOCK OUTLET (CEILING MOUNTED)
- E — ELAPSED TIMER
- ELAPSED TIMER CONTROLLER

SECURITY SYSTEM
- PB — EMERGENCY PUSHBUTTON; 4" SQUARE BOX WITH SINGLE-GANG PLASTER RING
- DR — DOOR RELEASE PUSHBUTTON
- CCTV — CLOSE CIRCUIT TELEVISION CAMERA JUNCTION BOX MOUNTED ABOVE SUSPENDED CEILING
- CR — CARD READER
- EL — ELECTRO-MAGNETIC DOOR LOCK
- DS — DOOR SWITCH
- M CCTV — CLOSED CIRCUIT TELEVISION MONITOR
- A — CALL ASSIST AND BEACON

ONE LINE DIAGRAM SYMBOLS
- MEDIUM VOLTAGE INTERRUPTOR SWITCH
- FUSE
- MEDIUM VOLTAGE CABLE TERMINATION
- TRANSFORMER
- MEDIUM VOLTAGE SURGE ARRESTER
- MEDIUM VOLTAGE DRAW OUT VACUUM CIRCUIT BREAKER
- LOW VOLTAGE DRAW OUT POWER CIRCUIT BREAKER
- LOW VOLTAGE CIRCUIT BREAKER
- TVSS — TRANSIENT VOLTAGE SURGE SUPPRESSER
- POTENTIAL TRANSFORMER
- CURRENT TRANSFORMER
- DMM — DIGITAL MULTIFUNCTIONAL METER
- GFI — GROUND FAULT INTERRUPTER

MOUNTING HEIGHTS



NOTES:
1. MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING
2. THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS OR SPECIFICATIONS

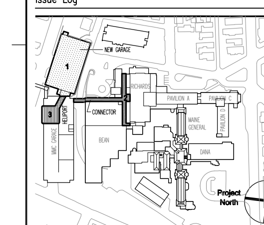
General Notes:

GENERAL NOTES:

1. THIS IS A STANDARD SYMBOL LIST. ALL DEVICE SYMBOLS AND ABBREVIATIONS MAY NOT NECESSARILY APPEAR ON THE FLOOR PLANS OR DETAIL SHEET. ONLY THOSE SYMBOLS INDICATED ON THE FLOOR PLANS ARE USED AND OTHERS SHOULD BE DISREGARDED.
2. MOUNTING HEIGHTS SHALL BE AS INDICATED ON MOUNTING HEIGHT DETAIL (BELOW)
3. CONTRACTOR SHALL VERIFY ALL DOOR SWINGS BEFORE INSTALLING SWITCH BOXES.
4. FOR EXACT LOCATION OF LIGHTING FIXTURES SEE REFLECTED CEILING PLAN DRAWINGS.
5. FOR MOUNTING HEIGHT OF UNDER-COUNTER LIGHTING FIXTURES AND OTHER TASK LIGHTING, REFER TO ARCHITECTURAL DRAWINGS.
6. ELECTRICAL CONTRACTOR IS TO COORDINATE THE EXACT LOCATION OF LIGHTING FIXTURES IN MECHANICAL AND STORAGE AREAS WITH OTHER TRADES.
7. FOR EXACT LOCATION AND RATING OF MECHANICAL EQUIPMENT (AC UNITS, FANS, PUMPS, ETC.) REFER TO RESPECTIVE TRADES DRAWINGS.
8. THE ELECTRICAL CONTRACTOR SHALL PROVIDE EXPANSION FITTINGS IN ALL RACEWAYS CROSSING CONSTRUCTION OR EXPANSION JOINTS.
9. ALL WIRE SHALL BE 600V RATED COPPER. WIRE SIZE #14 THRU #3/0 SHALL BE DUAL RATED TYPE THHN/THWN, #4/0 AND LARGER SHALL BE TYPE THHN/THWN OR XHHW. WIRE SIZE #14 THRU #10 SHALL BE SOLID, #8 AND LARGER SHALL BE STRANDED. ALL POWER WIRING FOR MECHANICAL EQUIPMENT SHALL BE A MINIMUM OF THREE (3) #10's. ALL CONTROL WIRING SHALL BE A MINIMUM OF TWO (2) #14's. ALL HOMERUNS IN EXCESS OF 100 FEET FROM SOURCE SHALL BE A MINIMUM OF THREE (3) #10's. ALL OTHER WIRING SHALL BE A MINIMUM OF THREE (3) #12's.
10. ALL CURRENT CARRYING MATERIAL USED SHALL BE COPPER, INCLUDING PANELBOARD BUS MATERIALS AND TRANSFORMER WINDINGS.
11. FURNISH GROUNDING/BONDING BUSHINGS ONTO ALL CONDUIT ENTERING/LEAVING BOXES.
12. ALL GROUND CONDUCTORS SHALL BE GREEN, ISOLATED GROUND CONDUCTORS SHALL BE GREEN/YELLOW STRIPPED, AND NEUTRAL CONDUCTORS SHALL BE WHITE.
13. CONTRACTOR SHALL PROVIDE ALL CONDUIT, WIRE, AND LABOR AS REQUIRED BY THE FIRE ALARM MANUFACTURER TO PROPERLY CONNECT THE DEVICES INDICATED ON THE DRAWINGS. FIRE ALARM SHOP DRAWING SUBMITTAL SHALL INCLUDE A RISER DIAGRAM AND COMPLETED BATTERY CALCULATIONS.

MARK	ISSUE DATE	DESCRIPTION
PERMIT	09/16/04	PERMIT SET
BID	08/26/04	BID SET

Issue Log



Key Plan

TRO
ARCHITECTURE
PLANNING
ENGINEERING
INTERIOR DESIGN
The Ritchie Organization
80 Bridge Street
Newton, MA 02458-1134
617-969-9400

Maine Medical Center
Pkg F - Garage / Vault / Conn / Heliport
Portland, ME — MMC Project No. 21845

Drawing Title
ELECTRICAL LEGEND, GENERAL NOTES, AND ABBREVIATIONS

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Commission No.	4678	Date Issued	08/26/04
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