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GROUND ROD

LIGHTING SYMBOLS FLUORESCENT LIGHT FIXTURE FLUORESCENT LIGHT FIXTURE W/ EMERGENCY BATTERY BALLAST ON UNSWITCHED CIRCUIT FLUORESCENT LIGHT FIXTURE ON UNSWITCHED NIGHT LIGHT CIRCUIT FLUORESCENT WALL MOUNTED FIXTURE FLUORESCENT STRIP FIXTURE EXTERIOR H.I.D. WALL-PACK ROUND RECESSED CEILING MOUNTED FIXTURE PENDANT MOUNTED FIXTURE WALL MOUNTED INCANDESCENT LIGHTING FIXTURE WALL SCONCE

TRACK LIGHTING FIXTURE (TRACK MOUNTED FIXTURE TYPE MAY VARY)

EMERGENCY LED EXIT SIGN

COMBINATION EMERGENCY EXIT SIGN & LIGHTING FIXTURE WITH DUAL LAMPS HEADS BATTERY AND CHARGER

EMERGENCY LIGHTING FIXTURE WITH DUAL LAMPS HEADS BATTERY AND CHARGER

REMOTE EMERGENCY LIGHTING LAMP HEAD

LIGHT SWITCH DENOTES FIXTURE SWITCHED -- P = PILOT LIGHT (WHERE NOTED)

3 = 3 - WAY (WHERE NOTED)4 = 4 - WAY (WHERE NOTED)

OCCUPANCY SENSOR

FIRE ALARM SYMBOLS

F PULL STATION NOTIFICATION APPLIANCE (GENERAL EVACUATION)

SMOKE DETECTOR

⊕ FIXED TEMP HEAT DETECTOR 200F

STROBE UNIT XX= CANDELA

© FIXED TEMP HEAT DETECTOR 135F

FIRE ALARM CONTROL PANEL

ANNUNCIATOR

MB MASTER BOX

DIGITAL COMMUNICATOR

DUCT SMOKE DETECTOR

REMOTE TEST STATION

TS SPRINKLER TAMPER SWITCH FS SPRINKLER FLOW SWITCH

PS SPRINKLER PRESSURE SWITCH

MM MONITOR MODULE

CM CONTROL MODULE

\$\omega_{120}\$ NON-SYSTEM SMOKE DETECTOR

SR EXTERIOR STROBE, R=RED

S EXTERIOR STROBE, G=GREEN

 $\mathbb{O}_{\!\scriptscriptstyle{\mathsf{R}}}$ RED MASTER BOX LIGHT

KB KNOX BOX, FBO

EXT HOOD EXT SYSTEM

DH DOOR HOLDER

SYSTEMS SYMBOLS

TELEPHONE SYSTEM WALL JACK

NURSE CALL CALL LIGHT

■ PATIENT CALL BUTTON

CCTV CONTROL OR DISPLAY EQUIPMENT

COMBINATION VOICE/DATA SYSTEM OUTLET

INT INTERCOM MASTER STATION

NOTE: THIS IS A

GENERAL LIST AND ALL

SYMBOLS MAY NOT BE

USED ON THESE PLANS

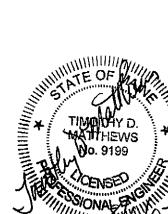
GENERAL NOTES

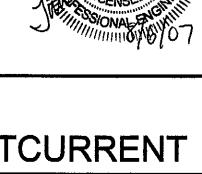
- 1. ALL WORK SHALL BE IN COMPLIANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE.
- 2. ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS ARE FURNISHED BY DIVISION 16000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE).
- 3. UNLESS OTHERWISE NOTED, CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18 INCHES AFF AND LIGHTING TOGGLE SWITCHES 48 INCHES AFF.
- ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH A UL APPROVED FIRE SEALANT METERIAL TO MAINTAIN THE RATING OF THE SEPARATION.
- 5. LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE, 120 VOLT, SIDE WIRED AS MANUFACTURED BY LEVITON, PASS & SEYMOUR, OR APPROVED EQUAL.
- 6. CONVENIENCE RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE, GROUNDING TYPE, NEMA 5-20R, SIDE WIRED, AS MANUFACTURED BY LEVITON, PASS & SEYMOUR, OR APPROVED EQUAL.
- 7. UNLESS OTHERWISE NOTED ALL HOMERUNS FOR 15 OR 20A CIRCUITS SHALL BE 2#12AWG & #12 GND. HOMERUNS FED FROM 20A, 1P CIRCUITS IN EXCESS OF 100 FEET SHALL BE #10AWG. ALL WIRING SHALL BE COPPER.
- 8. CONDUIT SYSTEMS: EXPOSED INTERIOR CONDUITS SHALL BE EMT, 3/4" MINIMUM. PROPERLY SUPPORTED MC CABLE ASSEMBLIES MAY BE USED ABOVE CEILINGS AND IN WALLS. FLEXIBLE LIQUIDTIGHT CONDUIT WHIPS SHALL BE USED FOR CONNECTION TO VIBRATING EQUIPMENT IN MECHANICAL AREAS. UNDERGROUND CONDUITS SHALL BE DIRECT BURIED SCHEDULE 80 PVC WITH GALVANIZED STEEL SWEEPS.

ABBREVIATIONS

LIGHT SWITCH

LOW VOLTAGE AMPERE MCB MAIN CIRCUIT BREAKER ALTERNATING CURRENT MOTOR CONTROL CENTER ABOVE FINISHED FLOOR MOTOR CIRCUIT PROTECTION AFG ABOVE FINISHED GRADE AMPERES INTERRUPTING CAPACITY METAL HALIDE ELECTRICAL MANHOLE ALUMINUM ASYM MAIN LUGS ONLY **ASYMMETRICAL** ATS AUTOMATIC TRANSFER SWITCH MECHANICALLY OPERATED AUX MOTOR OPERATED DAMPER AUXILIARY AWG AMERICAN WIRE GAUGE MANUAL TRANSFER SWITCH BKR MERCURY VAPOR BREAKER CONDUIT MEGAVOLT-AMPERE CABINET NORMALLY CLOSED NORMALLY OPENED CIRCUIT BREAKER CKT OVERHEAD CIRCUIT OVER LOAD CURRENT TRANSFORMER ON-OFF-AUTOMATIC COPPER OSY DIRECT CURRENT OUTSIDE STEM & YOKE VALVE (FA SYSTEM) DISC POLE DISCONNECT PUSH BUTTON EQUIPMENT GROUND ELECTRICALLY HELD POWER FACTOR EM PHASE **EMERGENCY** EMT ELECTRICAL METALLIC TUBING PANEL ELECTRICALLY OPERATED PT POTENTIAL TRANSFORMER ETHYLENE PROPYLENE RUBBER EQUIP EQUIPMENT POLYVINYL CHLORIDE RIGID GALVANIZED STEEL CONDUIT **EXTERIOR** FIRE ALARM REDUCED VOLTAGE SOLID STATE RIGID STEEL CONDUIT FOOT-CANDLE **FDR RVAT** FEEDER REDUCED VOLTAGE AUTO TRANSFORMER **FLUOR FLUORESCENT** SIGNAL SEC **SECONDARY** FLOW SWITCH (FA SYSTEM) SHLD SHIELDED CABLE FULL VOLTAGE NON REVERSING SW FULL VOLTAGE REVERSING SWITCH GEN GENERATOR **SWITCHBOARD SYMMETRICAL** GROUND FAULT TELEPHONE GROUND FAULT CIRCUIT INTERRUPTER TRANSFORMER GROUND HAND HOLE TO BE DETERMINED TD HAND-OFF-AUTOMATIC TELEDIALER HORSE POWER TIME DELAY RELAY HIGH PRESSURE SODIUM TELEPHONE HIGH VOLTAGE **TELEMETRY** HERTZ **UNDERGROUND** IG ISOLATED GROUND UTILITY IMC INTERMEDIATE METAL CONDUIT VOLT INCANDESCENT VOLT-AMPERE JUNCTION BOX VARIABLE FREQUENCY DRIVE KCMIL THOUSAND CIRCULAR MILS WATT ΚV KILOVOLT WATT HOUR KVA **WEATHERPROOF** KILO VOLT-AMPERE KW TRANSFORMER KILOWATT KWH CROSS LINKED POLYETHYLENE KILOWATT HOUR EXPLOSION PROOF LPS LOW PRESSURE SODIUM LTG LIGHTING LSW





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ISSUED FOR **CONSTRUCTION** 8/6/07

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LEGEND & **GENERAL NOTES**

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