ELECTRICAL SYMBOL SCHEDULE

SYMBOL	DESIGNATION	MTG HT	
5	SYMBOL SCHEDULE NOTES		
	SYMBOLS COMPRISE A STANDARD LIST, NOT ALL SYMPEAR ON THESE DRAWINGS.	IBOLS	
	PEAR ON THESE DRAWINGS. NG HEIGHTS INDICATED ARE STANDARD. DIMENSIONAI	_	
STANDA	RS INDICATED AT DEVICES SHALL OVERRIDE THESE RDS. MOUNTING HEIGHTS ARE TO THE CENTER OF UNLESS NOTED OTHERWISE.	ГНЕ	
CONSTR	NG HEIGHTS INDICATED ARE FOR STUD WALL RUCTION. WHEN BLOCK OR BRICK CONSTRUCTION IS	\ \ /ITLI	
RUNNIN	ADJUST MOUNTING HEIGHTS TO ALIGN DEVICE PLATES G JOINT.	WIIH	
D. REFER	TO SPECIFICATIONS FOR FURTHER INFORMATION. GENERAL		
г1	HEAVY DASHED LINE WEIGHT INDICATES		
<u> </u>	EXISTING ITEM TO BE REMOVED		
	LIGHT SOLID LINE WEIGHT INDICATES EXISTING ITEM TO REMAIN		
	HEAVY SOLID LINE WEIGHT INDICATES NEW ITEM OR NEW LOCATION		
R	REMOVE EXISTING ITEM		
RL	REMOVE EXISTING ITEM AND RELOCATE AS INDICATED EXISTING ITEM TO REMAIN)	
X NL	NEW LOCATION FOR RELOCATED ITEM		
	NOTES & TAGS		
(A)	EQUIPMENT IDENTIFICATION TAG — SEE EQUIP SCHEI	DULES	
# <i>/</i>	FEEDER SIZE TAG — SEE POWER RISER FEEDER SC	HEDUL	
Œ#)	ELEC EQUIP CONNECTION TAG — SEE EQUIP SCHED	ULES	
<u>#</u> >	KEYNOTE		
#	MISCELLANEOUS NOTE		
LIGHTING			
	LIGHT FIXTURE ID — REFER TO LT FIXT SCHEDULE (FIXT SCHEDULE OVERRIDES SYMBOL ABBREVIATION)		
_b O	A — INDICATES LIGHT FIXTURE TYPE # — INDICATES CIRCUIT NUMBER b — INDICATES SWITCHING		
	LIGHT FIXTURE CIRCUIT TYPE — NO HATCH INDICATES NORMAL CIRCUIT		
	ANGLED HATCH INDICATES CRITICAL CIRCUITSOLID HATCH INDICATES LIFE SAFETY CIRCUIT		
0 b	TROFFER TYPE LIGHT FIXTURE, SIZE AS INDICATED — CEILING MOUNT		
⊢	CHANNEL OR INDUSTRIAL, LENGTH AS INDICATED		
0	DOWNLIGHT CLG FIXT, RECESSED OR SURFACE MNT		
♦	CEILING WALL WASH FIXT, AIMED AS INDICATED		
0	SMALL WALL MOUNT FIXTURE OR SCONCE	VERIF	
	LINEAR WALL MOUNT FIXT, LENGTH AS INDICATED UNDER CABINET FIXTURE, LENGTH AS INDICATED	VERIF	
	TRACK FIXTURE, NUMBER OF HEADS AS INDICATED		
	EMERGENCY BATTERY LIGHT — WALL/CLG MNT	VERIF	
♣ \$	EXIT LIGHT, FILLED QUADRANT INDICATES FACES — WALL/CEILING MOUNT	VERIF	
∞	SITE LIGHTING POLE FIXT, ROUND/RECTANGLE HEAD - NUMBER OF HEADS AS INDICATED		
0 🗆	SITE LIGHTING POLE TOP FIXT, ROUND/RECT HEAD		
2222	SPORTS LIGHTING ASSEMBLY		
	NURSE CALL		
₩ B	BATH/SHOWER PULL STATION	48"	
-N P	PATIENT STATION	48"	
-M ^C	CODE BLUE STATION DUTY STATION	48" 48"	
-N ^{SA}	STAFF ASSIST STATION	48"	
-N M	MASTER STATION	48"	
N ++	LOCATOR ANTENNA		
-N _# N _#	DOME LT - WALL/CLG MNT (# = NUM OF LTS)	96"	
# 129#	, (11	96"	

SYMBOL	DESIGNATION	MTG HT	
	SWITCHES & CONTROLS		
<u> </u>	SINGLE POLE TOGGLE SWITCH	48"	
\$ ²	DOUBLE POLE TOGGLE SWITCH	48"	
'	THREE WAY TOGGLE SWITCH	48"	
 \$⁴	FOUR WAY TOGGLE SWITCH	48"	
\$	TOGGLE SWITCH — "a" INDICATES SWITCHING	48"	
\$	PILOT LIGHT TOGGLE SWITCH	48"	
\$ ^{IL}	ILLUMINATED TOGGLE - TOGGLE SWITCH	48"	
\$ ^K	KEYED SWITCH	48"	
\$ ^{MC}	MOMENTARY CONTACT TOGGLE SWITCH	48"	
\$ ^{TS}	TIMER SWITCH	48"	
-D #	DIMMER SWITCH (# = WATTAGE)	48"	
-\$ \$	OCCUPANCY SENSOR - WALL/CLG MOUNT	12" BF	
\$ ^{oc}	OCCUPANCY SENSOR WALL SWITCH	48"	
-60	PHOTO ELECTRIC CELL	VERIF	
- TC	TIME CLOCK	60"	
- C	CONTACTOR	60"	
- R	RELAY	VERIF)	
- B	BADGE READER	VERIF	
•	ELECTRIC THERMOSTAT	60"	
	PUSH-BUTTON STATION - BUTTONS AS INDICATED	48"	
	POWER		
	BRANCH CIRCUIT PANEL	VERIF`	
	EMERGENCY PANEL	VERIF)	
	DISTRIBUTION PANEL OR SWITCHBOARD	VERIF	
	EQUIPMENT CABINET	VERIF	
36	TRANSFORMER	VERIF	
Ø	MOTOR OR MOTOR CONNECTION	VERIF	
\boxtimes	MOTOR CONTROLLER, STARTER, OR VFD		
\boxtimes	COMBINATION STARTER & DISCONNECT SWITCH		
	DISCONNECT SWITCH		
\$ ^{MR}	MOTOR RATED TOGGLE SWITCH		
\$ ^{MMS}	MANUAL MOTOR STARTER SW W/THERM OVERLOAD		
Θ	SINGLE RECEPTACLE - WALL/CEILING MOUNT		
⊕ ⊕	DUPLEX RECEPTACLE — WALL/CEILING MOUNT	18"	
÷	EMERGENCY DUPLEX RECEPTACLE — WALL MOUNT	18"	
•	SPLIT WIRED DUPLEX RECEPTACLE — WALL MOUNT	18"	
*	QUADPLEX RECEPTACLE — WALL MOUNT	18"	
*	EMERGENCY QUADPLEX RECEPTACLE— WALL MOUNT	18"	
# #	GFI RECEPTACLE, DUPLEX/QUADPLEX— WALL MOUNT		
⊖ ^c	CLOCK RECEPTACLE — WALL MOUNT	96"	
• •	SPECIAL PURPOSE RECEPTACLE — WALL/CLG MNT	18"	
	FLOOR BOX- DEVICES AS INDICATED		
Р	POWER POLE - DEVICES AS INDICATED	<u> </u>	
	MULTIOUTLET ASSEMBLY — DEVICES AS INDICATED	VERIF	
-G G	GROUND REF BUS, AS NOTED — WALL/CLG MNT	VERIF	
SECURITY			
-SICR	CARD READER — WALL MOUNT	48"	
-SKP	KEYPAD — WALL MOUNT	48"	
-S ^{KS}	KEY SWITCH — WALL MOUNT	48"	
•S ^{EP}	EXIT PUSH-BUTTON - WALL MOUNT	48"	
s ^{xs}	EXIT SENSOR — CEILING MOUNT		
s ^{ES}	ELECTRIC STRIKE		
S EL	ELECTRIC LOCK		
S ML	MAGNETIC LOCK		
S TH	POWER TRANSFER HINGE		
S DC	DOOR CONTACT		
S ^{ODC}	OVERHEAD DOOR CONTACT		
S MS	MONITOR STRIKE		
S GB	MOTION DETECTOR		
- GB	GLASS BREAK DETECTOR	1	

SYMBOL	DESIGNATION	MTG HT
	FIRE ALARM	
F	MANUAL PULL STATION — WALL MOUNT	48"
F # F R	HEAT DETECTOR (#=FIXED TEMP, R=RATE OF RISE)	
F ^P F '	SMOKE DETECTOR (P=PHOTOELEC, I=IONIZATION)	
F—	DUCT MOUNTED PHOTOELECTRIC DETECTOR	
F ^{B-T}	BEAM DET (B-T=TRANSMITTER, B-R=RECEIVER) COMBINATION SMOKE DETECTOR AND ALARM	VERIFY
F ^{RS} F ^{RS}	REMOTE STATION - WALL/CLG MOUNT	72"
FRL FRL	REMOTE INDICATOR LAMP — WALL/CEILING MOUNT	72"
F FS	FLOW SWITCH	
F TS	TAMPER SWITCH	
FMM	MONITOR MODULE	
E CM	CONTROL MODULE	
F SD	FIRE/SMOKE DAMPER CONNECTION	
₽ DH	DOOR HOLD OR DOOR HOLD CONNECTION	VERIFY
● FS	FIREMAN'S STATION — WALL MOUNT	48"
	STROBE - WALL/CLG MNT (# = CANDELA) BELL - WALL/CEILING MOUNT	82" 82"
	<u>'</u>	82"
	CHIME - WALL/CEILING MOUNT	82"
	CHIME/STROBE - WALL/CLG MNT (# = CANDELA)	82"
	HORN — WALL/CEILING MOUNT	82"
	HORN/STROBE - WALL/CLG MNT (# = CANDELA)	82"
	SPEAKER — WALL/CEILING MOUNT	82"
	SPEAKER/STROBE - WALL/CLG MNT (# = CANDELA)	82"
SI	GNAL & COMMUNICATIONS	
⋞ #	DATA BOX — WALL MOUNT (# = WIRE COUNTS)	18"
4 #/#	VOICE/DATA BOX — WALL MOUNT (#=WIRE COUNTS)	
⋖ #	VOICE BOX - WALL MOUNT (# = WIRE COUNTS)	18" 48"
4 # 6 #	DOUBLE GANG VOICE BOX — HIGH WALL MOUNT WIRELESS DATA HUB — WALL/CEILING MOUNT	40 VERIFY
9 9	SPEAKER — WALL/CEILING MOUNT	96"
⊙ ⊲	HORN SPEAKER — WALL MOUNT	96"
♦	VOLUME SWITCH — WALL MOUNT	60"
◆ ◆	AUDIO JACK (M = MICROPHONE, A = AUXILIARY)	18"
Mg IC	WALL INTERCOM STATN (M=MASTER, R=REMOTE)	48"
<u> </u>	BUZZER — WALL/CEILING MOUNT	96"
	BELL — WALL/CEILING MOUNT	96" 96"
ф ©	CHIME — WALL/CEILING MOUNT CLOCK — WALL/CEILING MOUNT (# = DIAMETER)	96"
<u> </u>	COMBINATION CLOCK & SPEAKER — WALL MOUNT	96"
	CLOSED CIRCUIT CAMERA — WALL/CEILING MOUNT	VERIFY
- □ □	TV SYSTEM OUTLET - WALL/CEILING MOUNT	18"
	TERMINAL CABINET — WALL MOUNT	VERIFY
	ANNUNCIATOR PANEL — WALL MOUNT	VERIFY
	RACEWAYS	
	CONDUIT CONCEALED IN THE CEILING OR WALLS	
	CONDUIT CONCEALED IN THE FLOOR OR BELOW	
	CONDUIT EXPOSED ON THE CEILING OR WALLS	
#	CONDUIT BURIED UNDERGROUND (# = DEPTH) CONDUIT WITH BEND DOWN	
~	CONDUIT WITH BEND UP	
~	CONDUIT WITH BUSHED END	
~~	CONDUIT WITH BREAK OR CONTINUATION	
L1 1,3	CIRCUIT HOME RUN — L1 INDICATES PANEL — NUMBERS INDICATE CIRCUITS	
	CONDUCTOR COUNT — UNLESS NOTED OTHERWISE / SHORT HASH INDICATES 1#12 LINE / LONG HASH INDICATES 1#12 NEUTRAL / HASH W/ DOT INDICATES 1#12 GROUND	
M	PULL BOX, SIZE AS NOTED	
O O	JUNCTION BOX — WALL/CEILING MOUNT	

SYMBOL	DESIGNATION
E	LECTRICAL ABBREVIATIONS
A AC	AMP ABOVE COUNTER
ADD AFCI	ADDENDUM ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AL ATS	ALUMINUM AUTOMATIC TRANSFER SWITCH
С	CONDUIT
CAB CB	CABINET CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TV
CKT CU	CIRCUIT COPPER
DN	DOWN
EC ELEC	ELECTRICAL CONTRACTOR ELECTRIC or ELECTRICAL
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENCL EP	ENCLOSURE ELECTRIC PNEUMATIC
EPO	EMERGENCY POWER OFF
EWC F	ELECTRIC WATER COOLER FUSE or FUSED
FA	FIRE ALARM
FACP FSD	FIRE ALARM CONTROL PANEL FIRE—SMOKE DAMPER
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
IG JBOX	ISOLATED GROUND JUNCTION BOX
KV	KILOVOLT
KVA KW	KILOVOLT—AMP KILOWATT
KWH	KILOWATT-HOUR
MC MRS	MOMENTARY CONTACT MOTOR RATED SWITCH
MT	EMPTY
NC NEC	NORMALLY CLOSED NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NL NO	NEW LOCATION FOR RELOCATED ITEM NORMALLY OPEN
NTS	NOT TO SCALE
OC PB	ON CENTER PULL BOX
PB	PUSH-BUTTON
PE	PNEUMATIC ELECTRIC
PF PH	POWER FACTOR PHASE
PNL	PANEL
PRI R	PRIMARY REMOVE EXISTING ITEM
RECEPT	RECEPTACLE
REFG RL	REFRIGERATOR REMOVE EXISTING ITEM AND RELOCATE AS INDICATED
RTU	ROOF TOP UNIT
SEC SW	SECONDARY SWITCH
SWBD	SWITCHBOARD
SPKR TEL	SPEAKER TELEPHONE
TSTAT	THERMOSTAT
TYP UC	TYPICAL LINDER COUNTER
UG	UNDER COUNTER UNDERGROUND
UH	UNIT HEATER
UNO V	UNLESS NOTED OTHERWISE VOLT
VA	VOLT-AMP
VAC VDC	VOLTS ALTERNATING CURRENT VOLTS DIRECT CURRENT
W	WATT
WP X	WEATHERPROOF EXISTING ITEM TO REMAIN
XFMR	TRANSFORMER
NOTE:	MOTOR AND EQUIPMENT SCHEDULES FOR ADDITIONAL
	D MOTOR AND EQUIPMENT SCHEDULES FOR ADDITIONAL BBREVIATIONS.

E000 ELECTRICAL TITLE SHEET E001 ELECTRICAL SPECIFICATIONS ED101 ELECTRICAL DEMOLITION SHEET E101 ELECTRICAL LIGHTING PLAN E201 ELECTRICAL POWER PLAN E301 ELECTRICAL PANEL SCHEDULES E302 ELECTRICAL SCHEDULES E303 ELECTRICAL RISER DIAGRAM ME01 MECHANICAL /FLECTRICAL SCHEDULES	ED101 ELECTRICAL SPECIFICATIONS ED101 ELECTRICAL DEMOLITION SHEET E101 ELECTRICAL LIGHTING PLAN E201 ELECTRICAL POWER PLAN E301 ELECTRICAL PANEL SCHEDULES E302 ELECTRICAL SCHEDULES E303 ELECTRICAL RISER DIAGRAM	EOOO ELECTRIC			INDEX
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E302 ELECTRICAL SCHEDULES E303 ELECTRICAL RISER DIAGRAM	E302 ELECTRICAL SCHEDULES E303 ELECTRICAL RISER DIAGRAM	E201 ELECTRIC	AL POWER	PLAN	
MEO1 MECHANICAL /FLECTRICAL SCHEDULES	MEO1 MECHANICAL/ELECTRICAL SCHEDULES	E302 ELECTRIC	AL SCHEDU	ILES	
MEST WATER ELECTRICATE SOLVED SEEDS		ME01 MECHANIC	CAL/ELECTR	RICAL SCHEDU	LES



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EXECUTIVE OFFICE LAYOUT

191 RIVERSIDE

PORTLAND, MAINE

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ELECTRICAL TITLE SHEET

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