

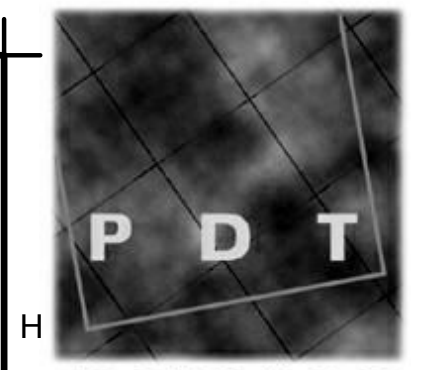
H		G		F		E		D		C		B		A	
A	AMPERE	MT	MOUNT												
AC	ALTERNATING CURRENT	MTS	MANUAL TRANSFER SWITCH												
AFF	ABOVE FINISHED FLOOR	MCP	MOTOR CONTROL PANEL												
AFG	ABOVE FINISHED GRADE	MH	METAL HALIDE												
AHU	AIR HANDLING UNIT	MDP	MAIN DISTRIBUTION PANEL												
AIC	AMPERES INTERRUPTING CAPACITY	NIN	MINIMUM												
ATS	AUTOMATIC TRANSFER SWITCH	N	NEUTRAL												
AWG	AMERICAN WIRE GAUGE	NC	NORMALLY CLOSED												
BAS	BUILDING AUTOMATION SYSTEM	NEC	NATIONAL ELECTRICAL CODE												
BKBD	BACKBOARD	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION												
C	CONDUIT	NFP	NATIONAL FIRE PROTECTION ASSOCIATION												
CAT	CATALOG, CATEGORY	NIC	NOT IN CONTRACT												
CATV	CABLE TV	NF	NON-FUSED												
CB	CIRCUIT BREAKER	NO	NORMALLY OPEN												
CCTV	CLOSED CIRCUIT TELEVISION	NO, #	NUMBER												
CM	CIRCULAR MILS	NTS	NOT TO SCALE												
COMM	COMMUNICATIONS	OC	ON CENTER												
CU	MECH CONDENSING UNIT	OCC	OCCUPANCY												
CU	COPPER	OH	OVERHEAD												
CUH	CABINET UNIT HEATER	P	POLE												
DDC	DIGITAL DIRECT CONTROL	PA	PUBLIC ADDRESS												
DN	DOWN	PH	PHASE												
DW	DISHWASHER	PIR	PASSIVE INFRARED												
DWG	DRAWING	PNL	PANELBOARD												
EF	EXHAUST FAN	P/O	PART OF												
ELEV	ELEVATOR	PV	PHOTOVOLTAIC												
EMT	ELECTRICAL METALLIC TUBING	PVC	POLY-VINYL CHLORIDE												
EP	EXPLOSION PROOF	REC	RECEPTACLE RECEIPT												
ERU	ENERGY RECOVERY UNIT	REF	REFRIGERATOR												
EWC	ELECTRIC WATER COOLER	RF	RETURN FAN												
FA	FACILITY FIRE ALARM CONTROL PANEL	RGS	RIGID GALVANIZED STEEL												
FB	FLOOR BOX	RM	ROOM												
FLA	FULL LOAD AMPS	RMC	RIGID METAL CONDUIT												
FWE	FURNISHED WITH EQUIPMENT	RTU	ROOFTOP UNIT												
G, GND	GROUND	REF	REFRIGERATOR												
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	SF	SUPPLY FAN												
GFP	GROUND FAULT PROTECTION	SPDT	SINGLE POLE, DOUBLE T HROW												
HID	HIGH INTENSITY DISCHARGE	SQ	SQUARE												
HOA	HAND-OFF-AUTO SELECTOR SWITCH	TEL	TELEPHONE												
HP	HORSEPOWER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR												
HVAC	HEATING, VENTILATION AND COOLING UNIT	TYP	TYPICAL												
IDS	INTRUSION DETECTION SYSTEM	UF	UNDER FLOOR												
IG	ISOLATED GROUND	UG	UNDERGROUND												
IMC	INTERMEDIATE METAL CONDUIT	UH	UNIT HEATER												
IR	INFRARED	UL	UNDERWRITER'S LABORATORY												
K	KILO	UNO	UNLESS NOTED OTHERWISE												
KCML	KILO CIRCULAR MILS	UPS	UNINTERRUPTIBLE POWER SUPPLY												
KW	KILOWATT	V	VOLTS												
KVA	KILO VOLT-AMPS	VFD	VARIABLE FREQUENCY DRIVE												
LAN	LOCAL AREA NETWORK	W	WATT												
LC	LIGHTING CONTACTOR	WP	WEATHERPROOF												
LF	LINEAR FEET	WG	WIREGUARD												
LC	LOADCENTER	XFMR	TRANSFORMER												
LCP	LIGHTING CONTROL PANEL														
LED	LIGHT EMITTING DIODE														
LTG	LIGHTING	(E)	EXISTING ITEM TO REMAIN												
MAX	MAXIMUM	(R)	REMOVE ITEM AND DISPOSE OF PROPERLY												
MCB	MAIN CIRCUIT BREAKER	(ER)	RELOCATED ITEM AT NEW LOCATION												
MECH	MECHANICAL	(RL)	REMOVE AND RELOCATE												
MH	MOUNTING HEIGHT														
MICRO	MICROWAVE														
MLO	MAIN LUG ONLY														

D3	<b>FIRE ALARM SYSTEM</b>	A3	<b>SECURITY SYSTEM</b>
	<p>[FACP] FIRE ALARM CONTROL PANEL, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF</p> <p>[FAA] FIRE ALARM ANNUCIATOR, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF</p> <p>[S] SMOKE DETECTOR</p> <p>[SE] SMOKE DETECTOR, "E" INDICATES CONNECTION FOR ELEVATOR RECALL</p> <p>[SS] SINGLE STATION SMOKE DETECTOR WITH AUDIBLE INDICATING APPLIANCE, WALL MOUNTED</p> <p>[AVSS] SINGLE STATION SMOKE DETECTOR WITH AUDIBLE/VISUAL INDICATING APPLIANCE</p> <p>[H] HEAT DETECTOR</p> <p>[D] DUCT SMOKE DETECTOR</p> <p>[RTS] REMOTE TEST INDICATOR FOR DUCT SMOKES, MOUNT ON CEILING BENEATH UNIT, OR WALL MOUNT WHERE INDICATED ON PLANS</p> <p>[E] MANUAL PULL STATION, MOUNT 48" AFF</p> <p>[HNS] HORN/STROBE, CANDELA AS NOTED ON PLANS</p> <p>[S] STROBE ONLY INDICATING APPLIANCE, CANDELA AS NOTED ON PLANS</p> <p>[RST] STROBE, 15 CANDELA, 120V, CONNECT TO OPERATE UPON ACTIVATION OF ROOM SMOKE DETECTOR</p> <p>[S] SPEAKER/STROBE, CANDELA AS NOTED ON PLANS</p> <p>[M] MINI HORN</p> <p>[HNS] HORN/STROBE WITH PULL STATION DIRECTLY BELOW</p> <p>[MDO] MAGNETIC DOOR HOLD OPEN DEVICE</p> <p>[T] TRANSFORMER</p> <p>[FS] SPRINKLER SYSTEM WATER FLOW SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26</p> <p>[T] SPRINKLER SYSTEM TAMPER SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26</p> <p>[C] SPRINKLER SYSTEM CHECK VALVE PRESSURE SWITCH, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER DIVISION 26</p> <p>[P] SPRINKLER SYSTEM EXCESS PRESSURE PUMP, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER DIVISION 26</p> <p>[K] KNOX BOX, MOUNT 60" AFF</p> <p>[G] FA GONG</p> <p>[SD] SMOKE DAMPER</p>		

D5	<b>POWER DISTRIBUTION</b>	A5	<b>GENERAL NOTES</b>
	<p>[P] PANELBOARD - SURFACE MOUNTED</p> <p>[F] PANELBOARD - FLUSH MOUNTED</p> <p>[FD] FUSED DISCONNECT SWITCH</p> <p>[NFD] NON-FUSED DISCONNECT SWITCH</p> <p>[MS] MOTOR STARTER</p> <p>[CMSS] COMBINATION MOTOR STARTER/FUSED DISCONNECT MOTOR</p> <p>[M] METER AND CABINET</p> <p>[J] JUNCTION BOX - CEILING MOUNTED</p> <p>[W] JUNCTION BOX - WALL MOUNTED</p> <p>[C] JUNCTION BOX FOR OR CLOCK POWER</p> <p>[TF] TRANSFORMER - NUMBER INDICATES DESIGNATION SEE TRANSFORMER SCHEDULE</p> <p>[VFD] VARIABLE FREQUENCY DRIVE</p> <p>[TVSS] TRANSIENT VOLTAGE SURGE SUPPRESSOR</p> <p>[ES] EMERGENCY SHUTOFF SWITCH - WALL MOUNTED 48" TO CENTERLINE - PROVIDE TAMPER-PROOF COVER</p> <p>[C] CONDUIT TURNING UP</p> <p>[D] CONDUIT TURNING DOWN</p> <p>[W] WIRING UNDERGROUND OR UNDERSLAB</p> <p>[H] HOMERUN TO PANEL FOR OUTLETS CONNECTED TO DEDICATED 20A BRANCH CIRCUIT - (2)#12+(1)#12G UNO</p> <p>[S] SINGLE-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT</p> <p>[T] 3-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT</p> <p>[L-20A, 1P] INDICATES 20A, 1P LOCKING CIRCUIT BREAKER</p> <p>[F] FLEXIBLE CONNECTION</p> <p>[G] GROUNDING SYSTEM</p> <p>[P] MOTORIZED DOOR OPERATOR AND PUSH PADDLE - FURNISHED BY DIVISION 08, WIRED BY DIVISION 26</p> <p>[D] DOORBELL PUSHBUTTON</p> <p>[C] DOORBELL CHIME</p> <p>[F] SYSTEMS FURNITURE WHIP</p> <p>[G] PATIENT GROUNDING MODULE</p> <p>[C] POINT OF CONNECTION</p>		<ol style="list-style-type: none"> <li>BRANCH CIRCUIT WIRING NOT SHOWN. CIRCUITING SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARD PRACTICE. PROVIDE A 20A, 1P CIRCUIT BREAKER FOR EACH LIGHTING AND RECEPTACLE CIRCUIT UNLESS OTHERWISE INDICATED OR NOTED. CONNECT NO MORE THAN SIX DUPLEX CONVENIENCE RECEPTACLES PER BRANCH CIRCUIT. CONNECTED LOAD ON LIGHTING CIRCUITS SHALL NOT EXCEED 12 AMPS.</li> <li>DISCONNECT, REMOVE, RELOCATE, AND RECONNECT ELECTRICAL CONDUIT, WIRING, DEVICES, BOXES, FIXTURES, EQUIPMENT, ETC. AS INDICATED AND AS REQUIRED TO FACILITATE THE WORK OF THIS PROJECT. WHERE ELECTRICAL ITEMS ARE REMOVED, REMOVE CONDUIT AND WIRING BACK TO SOURCE, UNLESS DIRECTED OTHERWISE BY OWNER. TAG SPARE CONDUITS AND CONDUCTORS TO IDENTIFY SOURCE.</li> <li>DO NOT SCALE THE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.</li> <li>THE LOCATION OF EQUIPMENT, OUTLETS, ETC. AS GIVEN ON THE DRAWINGS, IS APPROXIMATE. IT SHALL BE UNDERSTOOD THAT THESE LOCATIONS ARE SUBJECT TO MODIFICATION AS MAY BE FOUND NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION IN ORDER TO MEET STRUCTURAL/ARCHITECTURAL REQUIREMENTS. SUCH CHANGES SHALL BE MADE WITHOUT EXTRA CHARGE.</li> <li>ELECTRICAL DEVICES, WHEN INSTALLED, SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. COVER PLATES SHALL BE INSTALLED AFTER FINISH MATERIALS HAVE BEEN APPLIED.</li> <li>COORDINATE WORK WITH OTHER DIVISIONS. VERIFY EXACT POWER REQUIREMENTS OF MECHANICAL EQUIPMENT WITH DIVISION 23. POWER WIRING FOR EQUIPMENT &amp; CONTROL SHALL BE PERFORMED BY DIVISION 26. CONTROL WIRING BY DIVISION 23.</li> </ol>

D7	<b>RECEPTACLES</b>	A7	<b>FLOOR AND CEILING DEVICES</b>
	<p>[D] DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX</p> <p>[DD] DOUBLE DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX</p> <p>[J] JUNCTION BOX, FLUSH MOUNTED IN FLOOR</p> <p>[E] EMPTY FLUSH FLOOR BOX</p> <p>[D] DUPLEX RECEPTACLE, PEDESTAL MOUNTED</p> <p>[D] SINGLE RECEPTACLE, PEDESTAL MOUNTED</p> <p>[J] JUNCTION BOX, PEDESTAL MOUNTED</p> <p>[D] DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING</p> <p>[D] DOUBLE DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING</p> <p>[D] DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING</p> <p>[D] DOUBLE DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING</p> <p>[D] DATA OUTLET, FLUSH MOUNTED IN CEILING, SEE SCHEDULE FOR TYPE</p> <p>[J] JUNCTION BOX, FLUSH MOUNTED IN CEILING</p> <p>[D] OVERHEAD RECEPTACLE DROP, DUPLEX</p> <p>[D] OVERHEAD RECEPTACLE DROP, DOUBLE DUPLEX</p> <p>[D] OVERHEAD RECEPTACLE DROP, GFCI</p> <p>[D] OVERHEAD DATA DROP</p>		<p>[S] SPEAKER MOUNTED IN CEILING</p> <p>[A] EXPEDITOR CONSOLE SYSTEM BOX TYPE A, SINGLE GANG BOX. PROVIDE 3/4" CONDUIT TO 6" ABOVE FINISHED CEILING</p> <p>[B] EXPEDITOR CONSOLE SYSTEM INTERFACE BOX, TYPE B, BOX FURNISHED BY CONSOLE PROVIDER, INSTALLED BY DIVISION 26</p> <p>[SJ] FLUSH SPEAKER JACK, SINGLE GANG BOX MOUNTED AT 48" AFF WITH (1) RED AND (1) BLACK BANANA JACK. CONNECT EACH SPEAKER JACK TO ONE ROOM SPEAKER USING 16/2 TYPE CMR SPEAKER CABLE.</p>

D9	<b>EMERGENCY LIGHTING</b>	A9	<b>LIGHT SWITCHES</b>
	<p>[D] - CENTERLINE 48" AFF, UNO -</p> <p>[S] LIGHT SWITCH, 20A, 125V/277V, LETTER INDICATES SWITCHING</p> <p>[S] THREE-WAY LIGHT SWITCH</p> <p>[S] FOUR-WAY LIGHT SWITCH</p> <p>[S] TWO-POLE SWITCH</p> <p>[SK] KEY OPERATED SWITCH</p> <p>[SM] MOTOR RATED SWITCH</p> <p>[SP] SINGLE POLE SWITCH WITH RED PILOT LIGHT - RED LIGHT SHALL GLOW WHEN CIRCUIT IS ENERGIZED</p> <p>[S] MULTI-GANGED SWITCHES, GANG UNDER ONE PLATE, LETTER INDICATES SWITCHING</p> <p>[SOS] OCCUPANCY SENSOR SWITCH, WALL MOUNTED</p> <p>[SOS2] 2-BUTTON OCCUPANCY SENSOR SWITCH</p> <p>[OS] OCCUPANCY SENSOR, CEILING MOUNTED</p> <p>[OS] OCCUPANCY SENSOR, WALL MOUNTED</p> <p>[SD] 0-10V DIMMER SWITCH</p> <p>[FD] FLUORESCENT DIMMER SWITCH</p> <p>[S] HANDICAP SWITCHES FOR HOOD LIGHT AND FAN</p> <p>[T] TIMER SWITCH, 60 MINUTES</p> <p>[LTC] LIGHTING TIME CLOCK</p> <p>[LC] LIGHTING CONTACTOR</p> <p>[LCP] LIGHTING CONTROL PANEL</p> <p>[PC] PHOTOCELL</p>		<p><b>NOTE</b></p> <p>SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION INTO THE DESIGN</p>



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STATE OF MAINE  
LICENSED ELECTRICAL ENGINEER  
CATHERINE A FAUCHER  
No. 7575

PDT JOB NO. 12084

DRWN. CHK SRM

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