A1 ABBREVIATIONS	S	A3 GENERAL NOTES NO SCALE	A5 NURSE CALL SYSTEM NO SCALE	A7 LIGHT SWITCHES NO SCALE	A9 FLOOR AND CEILING DEVICES NO SCALE	E-000
C INTERMEDIATE METAL CONDUIT INFRARED KILO CMIL KILO CIRCULAR MILS V KILOWATT VA KILO VOLT-AMPS IN LOCAL AREA NETWORK C LIGHTING CONTACTOR LINEAR FEET C LOADCENTER CP LIGHTING CONTROL PANEL CD LIGHT EMITTING DIODE CG LIGHTING CS LIGHTS AX MAXIMUM CB MAIN CIRCUIT BREAKER ECH MECHANICAL H MOUNTING HEIGHT	UG UNDERGROUND UH UNIT HEATER UL UNDERWRITER'S LABORATORY UNO UNLESS NOTED OTHERWISE UPS UNINTERRUPTIBLE POWER SUPPLY V VOLTS VFD VARIABLE FREQUENCY DRIVE W WATT WP WEATHERPROOF WG WIREGUARD XFMR TRANSFORMER (E) EXISTING ITEM TO REMAIN (R) REMOVE ITEM AND DISPOSE OF PROPERLY (ER) RELOCATED ITEM AT NEW LOCATION (RL) REMOVE AND RELOCATE	 BRANCH CIRCUIT WIRING NOT SHOWN. WIRE AND CONNECT ELECTRICAL ITEMS TO CIRCUITS INDICATED. DISCONNECT, REMOVE, RELOCATE, AND RECONNECT ELECTRICAL CONDUIT, WIRING, DEVICES, BOXES, FIXTURES, EQUIPMENT, ETC. AS INDICATED AND AS REQUIRED TO FACILITATE THE WORK OF DIVISION 26 AND OTHER DIVISIONS. THESE DRAWINGS ARE NOT INTENDED TO INDICATE ALL ITEMS TO BE REMOVED. DO NOT SCALE THE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR EXACT DIMENSIONS. 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 PROJECT REQUIREMENTS. SUCH CHANGES SHALL BE MADE WITHOUT EXTRA CHARGE. COORDINATE ALL WORK WITH OTHER DIVISIONS AND THE OWNER. VERIFY EXACT POWER REQUIREMENTS OF EQUIPMENT PRIOR TO ROUGH IN POWER WIRING FOR EQUIPMENT & CONTROL SHALL BE PERFORMED BY DIVISION 26. ALL CONTROL WIRING OPERATING AT LESS THAN 120 VOLTS FOR MECHANICAL EQUIPMENT SHALL BE BY DIVISION 23. NO WIRING THAT BECOMES UNUSED AS PART OF THIS PROJECT SHALL BE ABANDONED IN PLACE. 	P- PATIENT BED STATION WITH WALL SPEAKER, CODE BUTTON, STAFF ASSIST BUTTON, CALL CORD JACK AND PILLOW SPEAKER INTERFACE B- BATH STATION, MOUNT 48" AFF, UNO A- MED ALARM E- STAFF STATION M- BED MANAGEMENT STATION N- NURSE MASTER STATION D- DUTY STATION PILLOW SPEAKER WITH FULL TV CONTROL, 3 LIGHT CONTROL BUTTONS AND NURSE CALL BUTTON L DOME LIGHT, CEILING MOUNTED L- DOME LIGHT, WALL MOUNTED	\$P SINGLE POLE SWITCH WITH RED PILOT LIGHT ~ RED LIGHT SHALL GLOW WHEN CIRCUIT IS ENERGIZED \$\frac{1}{3} \text{b} \text{b} \text{b} \text{b} \text{construction} \text{gang under one plate, Letter indicates switching} \text{\$\frac{1}{3} \text{construction} \text{construction} \text{construction} \text{\$\frac{1}{3} \text{construction} \text{construction} \text{construction} \text{\$\frac{1}{3} \text{construction} const	P SINGLE RECEPTACLE, PEDESTAL MOUNTED P J JUNCTION BOX, PEDESTAL MOUNTED IN CEILING C DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING C DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING C DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING C DOUBLE DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING C DATA OUTLET, FLUSH MOUNTED IN CEILING, SEE SCHEDULE FOR TYPE C J JUNCTION BOX, FLUSH MOUNTED IN CEILING OVERHEAD RECEPTACLE DROP, DUPLEX OVERHEAD RECEPTACLE DROP, DOUBLE DUPLEX OVERHEAD RECEPTACLE DROP, GFCI NOTE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT NECESSARILY INDICATE THEIR INCORPORATION INTO THE DESIGN	ELECTRICAL LEGENDS, ABBREVIATIONS AND GENERAL NOTES Project Mg Project No Richards Wing Sixth Floor Graphic C
HAND-OFF-AUTO SELECTOR SWITCH HORSEPOWER AC HEATING, VENTILATION AND COOLING UNIT SINTRUSION DETECTION SYSTEM ISOLATED GROUND	SPDT SINGLE POLE, DOUBLE THROW SQ SQUARE TEL TELEPHONE TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR TYP TYPICAL UF UNDER FLOOR	NOTE: DIVISION 16 SHALL WIRE AND CONNECT 120 VOLT WIRING FOR THE CLOCKS IN EACH AREA TO CIRCUIT INDICATED. PROVIDE (2)#12+(1)#12G. PROVIDE TRANSFORMERS AS REQUIRED. LOW VOLTAGE AND SYSTEM WIRING BY DIVISION 17. C3 CLOCKS AND SPEAKERS (PA) NO SCALE	LSE LOCAL SOUND EQUIPMENT - MIC MICROPHONE JACK OUTLET (SS)— LOCAL SOUND SYSTEM LARGE SPEAKER (LS)— LOCAL SOUND SYSTEM SPEAKER C5 LOCAL SOUND SYSTEM NO SCALE	\$a LIGHT SWITCH, 20A,125/277V \$3 THREE-WAY LIGHT SWITCH \$4 FOUR-WAY LIGHT SWITCH \$2 TWO-POLE SWITCH \$K KEY OPERATED SWITCH \$M MOTOR RATED SWITCH	F DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX F DOUBLE DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX F J JUNCTION BOX, MOUNT IN FLUSH FLOOR BOX F E EMPTY FLUSH FLOOR BOX P DUPLEX RECEPTACLE, PEDESTAL MOUNTED	GMC 3y: SRM gr: o: 14014_E.dwg
GND GROUND GROUND FAULT CIRCUIT INTERRUPTER FP GROUND FAULT PROTECTION HIGH INTENSITY DISCHARGE	RM ROOM RMC RIGID METAL CONDUIT RTU ROOFTOP UNIT REF REFRIGERATOR SF SUPPLY FAN	S SPEAKER ~ CEILING MOUNTED S SPEAKER ~ WALL MOUNTED CS SPEAKER ~ HIGH OUTPUT ~ CEILING MOUNTED SS LARGE SPEAKER IC INTERCOM	PROVIDE BOXES, RACKS, ETC. WHERE INDICATED OR NEEDED IN AREAS WITHOUT CEILINGS, CONDUIT PROVIDED TO NEAREST ACCESSIBLE CORRIDOR CEILING ~ 1" CONDUIT TO SINGLE GANG BOXES, 1 1/4" CONDUIT TO DOUBLE GANG BOXES. D5 TECHNOLOGY NO SCALE	FSD FIRE AND SMOKE DAMPER MM ADDRESSABLE INTERFACE MODULE D7 FIRE ALARM SYSTEM NO SCALE	D9 POWER DISTRIBUTION NO SCALE	R K S S S S S S S S S S S S S S S S S S
C ELECTRIC WATER COOLER CP FIRE ALARM CONTROL PANEL FLOOR BOX FULL LOAD AMPS	REC RECEPTACLE REF REFRIGERATOR RECEPT RF RETURN FAN RGS RIGID GALVANIZED STEEL	NO SCALE © CLOCK CC LARGE CLOCK	DATA OUTLET, 18" AFF UNO WA WIRELESS ACCESS POINT CEILING MOUNTED WA WIRELESS ACCESS POINT WALL MOUNTED TV SINGLE GANG BOX MOUNTED 18" AFF, UNO WITH 3/4" CONDUIT WITH PULL STRING TO ABOVE CEILING	DIVISION 26 SPRINKLER SYSTEM EXCESS PRESSURE PUMP, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER DIVISION 26 KNOX BOX, PROVIDE IN ACCORDANCE WITH LOCAL FIRE DEPARTMENT REQUIREMENTS SD SMOKE DAMPER	PUSHBUTTON CC DOORBELL CHIME SYSTEMS FURNITURE WHIP MOTORIZED DOOR OPERATOR AND PUSH PADDLE FURNISHED BY DIVISION 08, WIRED BY DIVISION 26	0 Z O
EXHAUST FAN EV ELEVATOR AT ELECTRICAL METALLIC TUBING EXPLOSION PROOF RU ENERGY RECOVERY UNIT	PIR PASSIVE INFRARED PNL PANELBOARD P/O PART OF PV PHOTOVOLTAIC PVC POLY-VINYL CHLORIDE	NOTES: 1. MOUNT RECEPTACLES WITH CENTERLINE 18" AFF UNO 2. MOUNT EXTERIOR RECEPTACLES WITH CENTERLINE 24" AFG UNO F3 RECEPTACLES	NO SCALE W	TRANSFORMER SPRINKLER SYSTEM WATER FLOW SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26 SPRINKLER SYSTEM TAMPER SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26 SPRINKLER SYSTEM CHECK VALVE PRESSURE SWITCH, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER	3-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT FLEXIBLE CONNECTION GROUNDING SYSTEM P POWER POLE	
CABINET UNIT HEATER DIRECT CURRENT DIGITAL DIRECT CONTROL DOWN DISHWASHER OF DRAWING	OC ON CENTER OCC OCCUPANCY OH OVERHEAD P POLE PA PUBLIC ADDRESS PH, PHASE	GFCI DUPLEX RECEPTACLE, MOUNT 44" AFF UNO GFCI DOUBLE DUPLEX RECEPTACLE, MOUNT 44" AFF UNO WP GFCI RECEPTACLE WITH WEATHERPROOF COVER GFCI RECEPTACLE IN WP ENCLOSURE ON ROOF MULTI-OUTLET STRIP, PROVIDE OUTLETS 24" OC UNO, MOUNT 48" AFF UNO	30A, 250V, 2P, 3W, NEMA 6-30R 50A RANGE RECEPTACLE ~ 125/250V, 3P, 4W, GROUNDING, NEMA 14-50R, (3)#6+(1)#10 TO 50A, 2P CIRCUIT BREAKER NOTE- PROVIDE MATCHING CORD AND PLUG FOR SINGLE RECEPTACLES E5 SINGLE RECEPTACLES	15 E PLANS R E STROBE NOTIFICATION APPLIANCE, 15 CANDELA, 120V, CONNECT TO OPERATE UPON ACTIVATION OF ROOM SMOKE DETECTOR MINI HORN NOTIFICATION APPLIANCE 30 DF F HORN/STROBE WITH PULL STATION DIRECTLY BELOW MAGNETIC DOOR HOLD OPEN DEVICE	CONDUIT TURNING DOWN WIRING UNDERGROUND OR UNDERSLAB HOMERUN ~ (2)#12+(1)#12G UNO (EXCEPT LIGHTING CIRCUITS: (1)#12+(1)#10N+(1)#12G UNO) SINGLE-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT	
CTV CLOSED CIRCUIT TELEVISION M CIRCULAR MILS DMM COMMUNICATIONS J MECH CONDENSING UNIT J COPPER	NIC NOT IN CONTRACT NF NON-FUSED NO NORMALLY OPEN NO., # NUMBER NTS NOT TO SCALE	F3 LUMINAIRES NO SCALE DUPLEX RECEPTACLE ~ 20A, 125V, 2P, 3W, NEMA 5-20R DOUBLE DUPLEX RECEPTACLE DUPLEX RECEPTACLE, HATCH INDICATES CONNECTION TO CRITICAL BRANCH	F5 EMERGENCY LUMINAIRES NO SCALE	BENEATH UNIT, OR WALL MOUNT WHERE INDICATED ON PLANS MANUAL PULL STATION, MOUNT 48" AFF 30 F	TRANSFORMER SCHEDULE VFD VARIABLE FREQUENCY DRIVE TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR EMERGENCY SHUTOFF SWITCH ~ WALL MOUNTED 48" TO CENTERLINE ~ PROVIDE TAMPER-PROOF COVER CONDUIT TURNING UP	160 Veranda Street Portland, Maine 0410. T: 207.221.2260 F: 207.221.2266 Web: www.allied-eng.com
BD BACKBOARD CONDUIT CATALOG, CATEGORY CABLE TV CIRCUIT BREAKER	NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NFPA NATIONAL FIRE PROTECTION ASSOCIATION	TYPICAL FOR ALL FIXTURE TYPES: INDICATES LUMINAIRE TYPE ON SCHEDULE F1 a LOWER CASE LETTER INDICATES SWITCHING # INDICATES CIRCUIT NUMBER	EXIT SIGN, CEILING MOUNTED, SHADING INDICATES FACE(S) ARROWHEAD INDICATES CHEVRON(S) REQUIRED CONNECT TO UNSWITCHED PORTION OF AREA LIGHTING BRANCH CIRCUIT, U.N.O. EXIT SIGN, WALL MOUNTED, SHADING INDICATES FACE(S) MOUNT AT 7'-6"AFF OR OVER DOOR CONNECT TO UNSWITCHED PORTION OF AREA LIGHTING BRANCH CIRCUIT, U.N.O.	HEAT DETECTOR, "E" INDICATES CONNECTION FOR ELEVATOR RECALL DUCT SMOKE DETECTOR GAS VALVE FLAME DETECTOR, ARROW INDICATES DIRECTION OF COVERAGE REMOTE TEST/INDICATOR FOR DUCT SMOKES, MOUNT ON CEILING	JUNCTION BOX ~ CEILING MOUNTED JUNCTION BOX ~ WALL MOUNTED JUNCTION BOX ~ FLOOR MOUNTED JUNCTION BOX ~ PEDESTAL MOUNTED TRANSFORMER ~ NUMBER INDICATES DESIGNATION SEE	Preservation Architecture Interior Architecture Allied Enginee Structural Mechanical Electrical Con
AMFERES INTERROFTING CAPACITY AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE BUILDING AUTOMATION SYSTEM	MH METAL HALIDE MDP MAIN DISTRIBUTION PANEL MIN MINIMUM N NEUTRAL NC NORMALLY CLOSED	PENDANT MOUNTED LIGHT FIXTURE LINEAR LIGHT FIXTURE, CEILING SURFACE MOUNTED LINEAR LIGHT FIXTURE, PENDANT MOUNTED LINEAR LIGHT FIXTURE, WALL MOUNTED REMOTE BALLAST, ALLOW 9" IN ALL DIRECTIONS BETWEEN BALLASTS	BP# INDICATES BATTERY UNIT DESIGNATION CONNECT TO UNSWITCHED PORTION OF AREA LIGHTING BRANCH CIRCUIT, U.N.O. SINGLE REMOTE EMERGENCY LIGHT HEAD, MOUNT 7'-6"AFF BP# INDICATES BATTERY UNIT CONNECTED TO DOUBLE REMOTE EMERGENCY LIGHT HEAD, MOUNT 7'-6"AFF BP# INDICATES BATTERY UNIT CONNECTED TO	SINGLE STATION SMOKE DETECTOR WITH AUDIBLE INDICATING APPLIANCE, MOUNT ON WALL SINGLE STATION SMOKE DETECTOR WITH AUDIBLE INDICATING APPLIANCE, MOUNT ON WALL SINGLE STATION SMOKE DETECTOR WITH AUDIBLE/VISUAL INDICATING APPLIANCE HEAT DETECTOR	00 ☑ MOTOR STARTER ~ NUMBER INDICATES NEMA SIZE 00 ☑ COMBINATION MOTOR STARTER/FUSED DISCONNECT MECHANICAL PUMP MOTOR OR FAN METER AND CABINET	Winton Scott Architects 5 Milk Street Portland, Maine 04101 207 774 4811 www.wintonscott.com Architecture / Planning
ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AIR HANDLING UNIT AMPERES INTERRUPTING	MICRO MICROWAVE MLO MAIN LUG ONLY MT MOUNT MTS MANUAL TRANSFER SWITCH MCP MOTOR CONTROL PANEL	RECESSED WALL WASHER DOWNLIGHT WALL MOUNTED LIGHT FIXTURE CEILING SURFACE MOUNTED LIGHT FIXTURE	EMER BATTERY UNIT WITH NO HEADS, MT 7'-6"AFF BP# INDICATES BATTERY UNIT DESIGNATION CONNECT TO UNSWITCHED PORTION OF AREA LIGHTING BRANCH CIRCUIT, U.N.O. EMER BATTERY UNIT WITH INTEGRAL HEADS, MT 7'-6"AFF	MORE THAN 72"AFF FIRE ALARM ANNUNCIATOR, MOUNT WITH TOP OF PANEL NOT MORE THAN 72"AFF SMOKE DETECTOR SMOKE DETECTOR, "E" INDICATES CONNECTION FOR ELEVATOR	PANELBOARD ~ FLUSH MOUNTED FUSED DISCONNECT SWITCH NON-FUSED DISCONNECT SWITCH	