GROUND FAULT INTERRUPTING (GFI) TYPE DUPLEX CONVENIENCE OUTLET.

- DENOTES TO BE PROVIDED WITH A WEATHERPROOF

MOUNTED 18" ABOVE FINISHED FLOOR

ENCLOSURE SEE NOMENCLATURE ABOVE POWER (CONT. GROUND FAULT INTERRUPTING (GFI) TYPE DUPLEX CONVENIENCE OUTLET. MOUNTED 48" ABOVE FINISHED FLOOR SEE NOMENCLATURE ABOVE GROUND FAULT INTERRUPTING (GFI) TYPE DUPLEX CONVENIENCE OUTLET. ONE HALF SWITCHED MOUNTED 48" ABOVE FINISHED FLOOR SEE NOMENCLATURE ABOVE FLOOR BOX AND POKE-THRU (AS INDICATED ON DRAWINGS) SPECIAL PURPOSE OUTLET, RATING AS INDICATED ON DRAWING 20A - DENOTES AMPERAGE, EXACT MOUNTING HEIGHT SHALL BE VERIFIED IN FIELD HORSEPOWER RATED THERMAL SWITCH NON-FUSED DISCONNECT SWITCH, SIZE AND RATING AS INDICATED ON DRAWINGS FUSED DISCONNECT SWITCH, SIZE AND RATING AS INDICATED ON COMBINATION MOTOR STARTER / FUSED DISCONNECT SWITCH. SIZE AND RATING AS INDICATED ON DRAWINGS MOTOR STARTER. SIZE AND RATING AS INDICATED ON DRAWINGS MUSHROOM BUTTON / MOMENTARY SWITCH TWO BUTTON SWITCH THREE BUTTON SWITCH FOUR BUTTON SWITCH 2 - DENOTES HORSEPOWER / WATTAGE EXHAUST FAN **(G)** GARBAGE DISPOSAL RECESSED PANELBOARD "LP" - DENOTES PANEL DESIGNATION SURFACE MOUNTED PANELBOARD "LP" - DENOTES PANEL DESIGNATION RECESSED 120/240V., 10-3W. LOAD CENTER POWER POLE RANGE HOOD JUNCTION BOX WITH TYPE "SO" POWER CORD DROP AND DUPLEX RECEPTACLE JUNCTION BOX WITH TYPE "SO" POWER CORD DROP AND QUADRAPLEX JUNCTION BOX WITH TYPE "SO" POWER CORD DROP AND SPECIAL PURPOSE RECEPTACLE. RATED AS INDICATED ON DRAWINGS JUNCTION BOX WITH TYPE "SO" POWER CORD DROP AND HARD WIRED CONNECTION 4" CIRCULAR JUNCTION BOX 4" SQUARE JUNCTION BOX VOLT METER AMP METER VOLT METER SWITCH AMP METER SWITCH RELAY CONTROLLER TRANSFORMER RATING AS INDICATED ON DRAWINGS DIMENSIONS VARY POWER BASE FEED FOR FURNITURE SYSTEM

~° $\overline{}$ (GFI)— TELEPHONE OUTLET MOUNTED 48" ABOVE FINISHED FLOOR. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A FLUSH MOUNTED, SINGLE

PORT, MODULAR RJ45 DATA JACK WITH I-8/C #24 AWG, CATEGORY 6 DATA CABLE FROM EACH OUTLET INDICATED ON THE PLANS TO THE

DATA OUTLET MOUNTED 18" ABOVE FINISHED FLOOR. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A FLUSH MOUNTED. MODULAR RJ45 DATA JACK WITH I-8/C #24 AWG, CATEGORY 6, DATA CABLE FROM EACH OUTLET INDICATED ON THE PLANS TO THE TEL/DATA ROOM, (QUANTITY OF PORTS AS INDICATED ON THE

CABLE T.V. OUTLET. MOUNT 18" A.F.F. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL AN OUTLET BOX, FACEPLATE W/ "F" CONNECTOR AND A SINGLE COAXIAL CABLE FROM EACH OUTLET TO THE TEL/DATA ROOM. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOCAL CABLE COMPANY FOR EXACT CABLE TYPE.

DATA BASE FEED FOR FURNITURE SYSTEM NETWORK INTERFACE

"nD" INDICATES n PORTS

• USB OUTLET W/ CABLE TO COMPUTER IN ASSOCIATED ROOM DC DOOR CHIME

TEL/DATA ROOM.

DPAWINGS)

"A" ANALOG PHONE

SCP SECURITY CONTROL PANEL CEILING MOUNTED SPEAKER WALL MOUNTED SPEAKER

VIDEO CAMERA - DENOTES FIXED P - DENOTES PAN DENOTES TILT - DENOTES ZOOM

SECURITY SYSTEM SIREN CEILING MOUNTED SECURITY SYSTEM MOTION DETECTOR

WALL MOUNTED SECURITY SYSTEM MOTION DETECTOR

CARD READER FOB READER KEY PAD

POWER BASE FEED FOR FURNITURE SYSTEM

DATA/ COMMUNICATION/ SECURITY (CONT.)

ELECTRIC DOOR STRIKE DB DOOR CONTACT (DOOR BUG)

WINDOW CONTACT (WINDOW BUG) 3 BUTTON DWELLING UNIT INTERCOM STATION

VISUAL NOTIFICATION DEVICE FOR DWELLING UNIT INTERCOM

LIFE SAFET

120 VOLT, LOCAL, TANDEM WIRED PHOTOELECTRIC SMOKE DETECTOR W/ 90dBA ALARM AND BATTERY BACK-UP, DEVICES SHALL BE WIRED SUCH THAT WHEN ONE DEVICE IS IN ALARM, ALL THE DEVICES IN THE RESPECTIVE DWELLING UNIT WILL SOUND. DETECTORS SHALL BE GENTEX #7109CS/7139CS

120 VOLT, LOCAL, TANDEM WIRED COMBINATION PHOTOELECTRIC / IONIZATION SMOKE DETECTOR W/ 90dBA ALARM AND BATTERY BACK-UP, DEVICES SHALL BE WIRED SUCH THAT WHEN ONE DEVICE IN ALARM, ALL THE DEVICES IN THE RESPECTIVE DWELLING UNIT WILL SOUND. DETECTORS SHALL BE BRK #770LBX

120 VOLT, LOCAL, TANDEM WIRED COMBINATION SMOKE & CARBON MONOXIDE DETECTOR W/ 90dB ALARM AND BATTERY BACK-UP. DEVICES SHALL BE WIRED SUCH THAT WHEN ONE DEVICE IS IN ALARM, ALL THE DEVICES IN THE RESPECTIVE DWELLING UNIT WILL SOUND, DETECTORS SHALL BE BRK #SC70IOBV

FIRE ALARM STROBE LIGHT CONNECTED TO LOCAL SMOKE DETECTOR. RATING AS INDICATED ON DRAWINGS

ROUND POLE MOUNTED SITE LUMINAIRE QUANTITY OF HEADS ON A SQUARE POLE MOUNTED SITE LUMINAIRE QUANTITY OF HEADS ON A

POLE TOP LUMINAIRE FLOOD LIGHT / SPOT

UTILITY POLE

UTILITY POLE

UTILITY MANHOLE - INDICATES POWER MANHOLE INDICATES CABLE MANHOLE - INDICATES TELEPHONE MANHOLE

HANDHOLE TELEPHONE PEDESTAL CABLE PEDESTAL

> TOP VALUE DENOTES BREAKER RATING BOTTOM VALUE DENOTES NUMBER OF POLES

FUSE, RATING AS INDICATED ON DRAWINGS SINGLE POLE SWITCH PUSH BUTTON

FUSE AND SWITCH

COIL SHUNT TRIP COIL

POTENTIAL TRANSFORMER

CURRENT TRANSFORMER

TRANSFORMER

AUTOMATIC TRANSFER SWITCH (ATS)

GROUND CONDUCTOR

SURGE PROTECTION DEVICE

GENERATOR RATING AS INDICATED ON DRAWINGS

WIRING HOMERUN - CABLE LPI - DENOTES PANELBOARD 3 - DENOTES CIRCUITS "TICKS" INDICATE NUMBER OF CONDUCTORS IN THE RUN

HOMERUN - PIPE, SEE NOMENCLATURE ABOVE LOAD CENTER DESIGNATION "I" INDICATES WIRE & BREAKER SIZE/ (SEE TYPICAL HOME RUN SCHEDULE) CONDUIT TURNING UP

CONDUIT TURNING DOWN CONDUIT STUB WIRE BREAK

NORMAL POWER WIRING EMERGENCY POWER WIRING

---- TEL/DATA WIRING ----- LOW VOLTAGE / CONTROL WIRING

ISOLATED GROUND WIRING "TICK SETS (I SHORT & I LONG)" INDICATE NUMBER OF CONDUCTORS IN THE RUN

ABBREVIATIONS & NOTATION

MECHANICAL EQUIPMENT DESIGNATION CONTENTS DESCRIBE MACHINERY (BY MECHANICAL ENGINEER)

I - DENOTES REVISION NUMBER ABBREVIATIONS:

A.A.F. ABOVE FINISHED FLOOR A.F.G. ABOVE FINISHED GRADE

DW DISHWASHER E.C. ELECTRICAL CONTRACTOR

> EX EXISTING TO REMAIN ER EXISTING TO BE RELOCATED

> > CATALOG NUMBER

PFSOI-FE-8-CN-PF-FOIM-12O-T5HO-DIM (O-IOV)

PFSOI-FE-4-CN-PF-FOIM-I2O-T5HO-DIM (O-IOV)

5924-254/I-UNV

5924-254/I-UNV-DIM (LINE)

5924-254/I-UNV-DIM (O-IOV)

5922-224/I-UNV

8248-132-UNV

8224-II7-UNV

LEDH-A6-26-30-DA35U-LEDT-A64-SF

FH-VA6-126-HE

LEDH-WG-34-30-U-LEDT-W64

MLR3-1-4-FT-TWA-120-T5

4448-228-2-UNV

BDTW-A-IT42-3-Z99-CEG-T3-2I

7414-254/I-UNV

DISCOCO 88

7414-254-UNV

CRV-SA-LR-I-C-AL-AT

SRA-I-6V9W

"S" - SURFACE MOUNTED "W" - WALL MOUNTED

"U" - UNIVERSAL MOUNTED

ALL LAMPS TO BE MANUFACTURED BY GENERAL ELECTRIC, PHILLIPS OR SYLVANIA

ETR EXISTING TO BE REMOVED EXP EXPLOSION PROOF

G.C. GENERAL CONTRACTOR ISOLATED GROUND

WP WEATHERPROOF

DESIG

MANUFACTURER

PAL

PAL

FSC

FSC

FSC

FSC

FSC

FSC

LUMTECH

LUMTECH

LUMTECH

PAL

FSC

LIGHTWAY

FSC

MARSET

FSC

FSC

BEGHELLI

BEGHELLI

MOUNTING KEY:

"P" - PENDANT MOUNTED

"R" - RECESSED MOUNTED

GENERAL NOTES

I. PERFORM ALL WORK IN ACCORDANCE WITH NATIONAL AND STATE ELECTRICAL CODES, LOCAL ORDINANCES, AND REQUIREMENTS OF THE WIRING INSPECTOR.

a. ALL WIRING SHALL BE COPPER; 90 AMPS OR LESS SHALL BE 60° CELSIUS., 100 AMPS OR MORE SHALL BE 75° CELSIUS, GENERAL BRANCH WIRING SHALL BE TYPE "MC" CABLE FOR GENERAL INTERIOR WIRING AND EMT FOR ANY EXPOSED BRANCH CIRCUIT WIRING.

b. ALL PRODUCTS AND DEVICES SHALL BE NEW AND BEAR THE UNDERWRITERS' LABORATORIES LABEL. DEVICES SHALL BE SPECIFICATION GRADE, COLOR OF DEVICES SHALL BE COORDINATED WITH THE ARCHITECT.

3. PERFORM ALL WORK IN A WORKMANLIKE AND TIMELY MANNER SUBJECT TO THE APPROVAL OF THE ENGINEER.

4. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INSURANCE, PERMITS, FEES AND BACKCHARGES REQUIRED FOR THE PERFORMANCE OF HIS/HER WORK.

5. ELECTRICAL CONTRACTOR SHALL COORDINATE THE ELECTRICAL WORK WITH ALL OTHER TRADES. ANY CONFLICT SHALL BE PRESENTED TO THE GENERAL CONTRACTOR AND ENGINEER PRIOR TO INSTALLATION OF

6. PANEL DIRECTORIES SHALL REFLECT THE WORK PERFORMED UNDER THIS CONTRACT. PANELS SHALL BE PROVIDED WITH TYPED DIRECTORIES.

7. ALL PRODUCTS SHALL BE GUARANTEED FOR ONE YEAR AFTER ACCEPTANCE BY OWNER.

8. ALL WIRING AND EQUIPMENT ARE DEPICTED DIAGRAMMATICALLY, FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD AND ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

9. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY POWER AND LIGHTING. SPECIAL PURPOSE POWER REQUIREMENTS SHALL BE PAID FOR BY THE TRADE REQUIRING SAME. (WELDERS, COMPRESSORS, ETC.)

IO. SHOP DRAWINGS SHALL BE SUBMITTED ON ALL ELECTRICAL EQUIPMENT, BEFORE PROCUREMENT OF EQUIPMENT.

II. ALL NEW WIRING INDICATED ON PLANS SHALL MATCH THE AMPACITY OF THE CIRCUIT BREAKER INDICATED AT THE HOMERUN. WHERE NO BREAKER SIZE IS INDICATED, THE BREAKER SHALL BE 20A/IP WITH #12

12. WIRE AND CONDUIT SIZES INDICATED ON HOMERUNS SHALL RUN CONTINUOUS THROUGHOUT CIRCUIT.

13. CONDUITS AND CIRCUITRY INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. FINAL LOCATION OF CONDUITS SHALL BE FIELD COORDINATED SO AS TO AVOID CONFLICTS WITH OTHER TRADES.

14. ALL 120 VOLT BRANCH CIRCUITS WHEN 100 LINEAR FEET OR MORE FROM LAST OUTLET OR FIXTURE IN CIRCUIT TO RESPECTIVE PANELBOARDS SHALL BE A MINIMUM OF #10 AWG COPPER WIRE(S).

15. COORDINATE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH H.V.A.C., PLUMBING AND FIRE PROTECTION CONTRACTORS.

16. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LIGHTING FIXTURES COMPLETE WITH MOUNTING ACCESSORIES TO MEET PROJECT CONDITIONS.

17. THE ELECTRICAL CONTRACTOR SHALL VERIFY FIXTURE MOUNTING AND EXACT LOCATIONS AGAINST ARCHITECTS REFLECTED CEILING PLANS, ELEVATIONS AND DETAIL DRAWINGS.

18. ALL FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE, INDEPENDENT OF HUNG CEILING.

19. ELECTRICAL CONTRACTOR SHALL PROVIDE FIRE STOPPING ALL AROUND EACH CONDUIT THAT PENETRATES A RATED WALL, FLOOR AND/OR CEILING, FIRE STOP PUTTY SHALL BE UTILIZED AND COMPLETELY FILL ANY GAPS IN THE WALLS, CEILINGS AND/OR FLOORS IN ORDER TO MAINTAIN THE INTEGRITY OF THE FIRE RATED ASSEMBLY, THE FIRE CAULKING SHALL BE MANUFACTURED BY HILTI.

20. FIRE STOP PUTTY PADS SHALL BE INSTALLED AROUND ALL OUTLET AND SWITCH BOXES THAT ARE LOCATED ON PARTY WALLS AND/OR FIRE RATED WALLS OR CEILING ASSEMBLIES, PUTTY PADS SHALL BE MANUFACTURED BY HILTI.

LIGHTING FIXTURE SCHEDULE

ALL FLUORESCENT BALLAST'S SHALL BE OF THE ELECTRONIC. UNIVERSAL TYPE, MANUFACTURED BY ADVANCE OR EQUAL

S | 120 |

R | 120 |

P | 120 |

R | 120

S | 120 |

W |

QTY

DESCRIPTION

54W T5HO

54W T5HO

54W T5HO

54W T5H0

54W T5HO

24W T5HO

32W T8

17**W** T8

25W LED

26W CFL

25W LED

28W T5

28W T5

42W CFL

32W T8

23W E27

54W T5HO

LED

MTG |

 Image: Control of the Site Design Associates 23 Whitney Way Topsham, Maine 04086 207-449-4275 REVISIONS Description Addendum #8 Addendum #9 First Floor Redesign

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Vincent A. DiIorio

7/30/12 8/16/12 1/09/13 CONSTRUCTION

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PATIENT CARE CENTER

ELECTRICAL LEGEND NOTES & SCHEDULES

Project Number January 9, 2013 VADjr Checked by

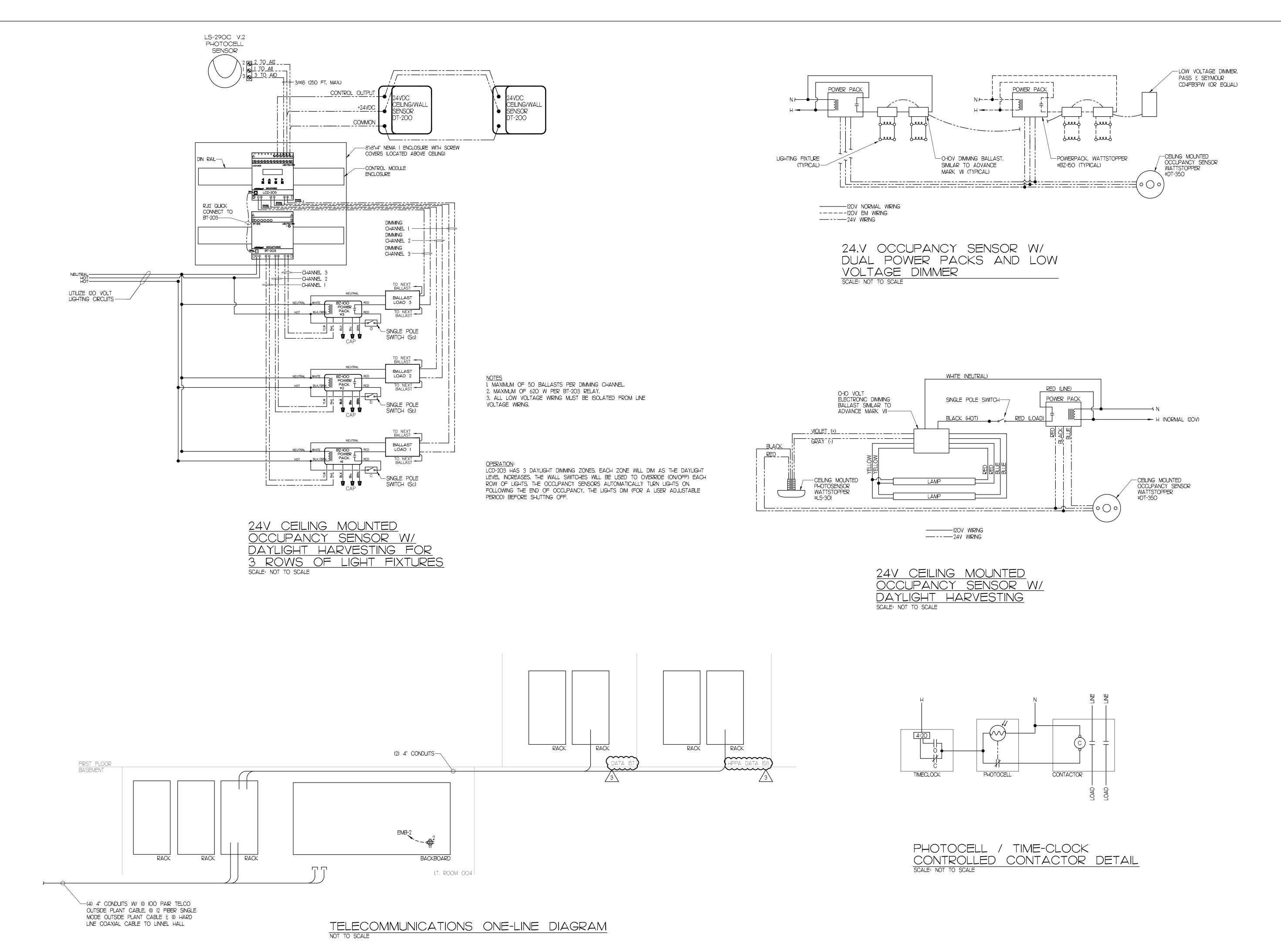
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REMARKS 8' PENDANT INDIRECT W/ O-10V DIMMING 4' PENDANT INDIRECT W/ <u>O-IOV</u> DIMMING 2'x4' CENTER BASKET 2'x4' CENTER BASKET W/ LINE DIMMING 2'x4' CENTER BASKET W/ O-10V DIMMING 2'x2' CENTER BASKET 4' STRIP 2' STRIP 6" LED DOWNLIGHT 6" WET LOCATION DOWNLIGHT 6" LED WALL WASH DOWNLIGHT 48" CEILING SLOT 4' STAIRWELL WALL PACK W/ PHOTOCELI 2'x4' TROFFER DECORATIVE PENDANT 1'x4' TROFFER DECORATIVE STAIR SCONCE SELF CONTAINED EXIT REMOTE HEAD

DOCUMENTS

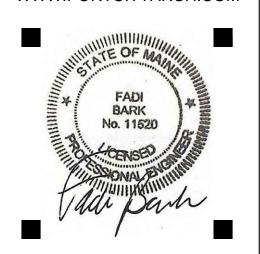
INTERIOR FIT-OUT

N.T.S.



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& WIRING DIAGRAMS

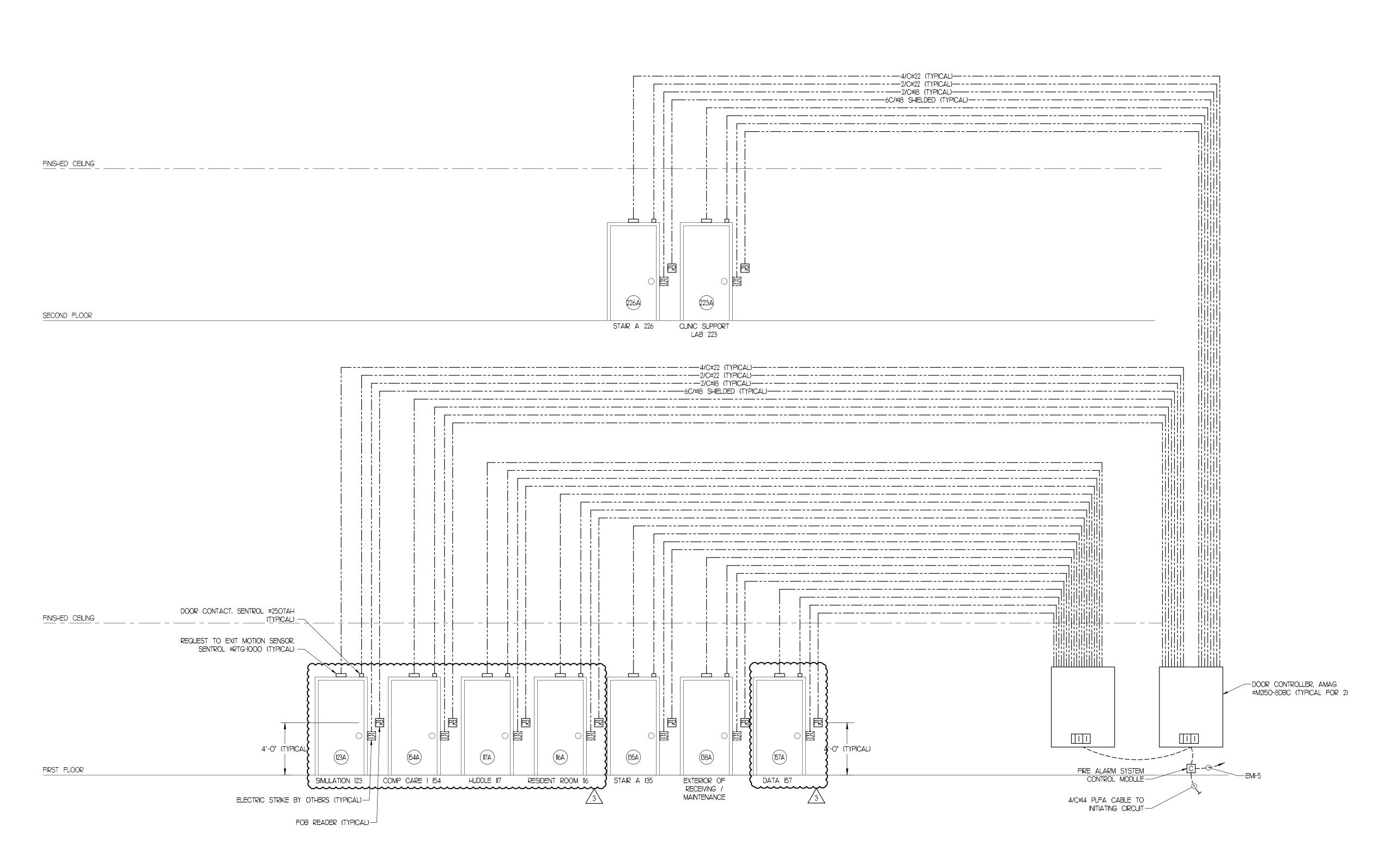
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Date January 9, 2013

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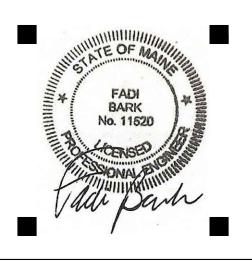
E0.02



CARD READER ONE-LINE
NOT TO SCALE



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<u> </u>	Addendum #9	8/16/1
<u> 3</u>	First Floor Redesign	1/09/1

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INTERIOR FIT-OUT

CARD READER
ONE-LINE DIAGRAM

Project Number 12502

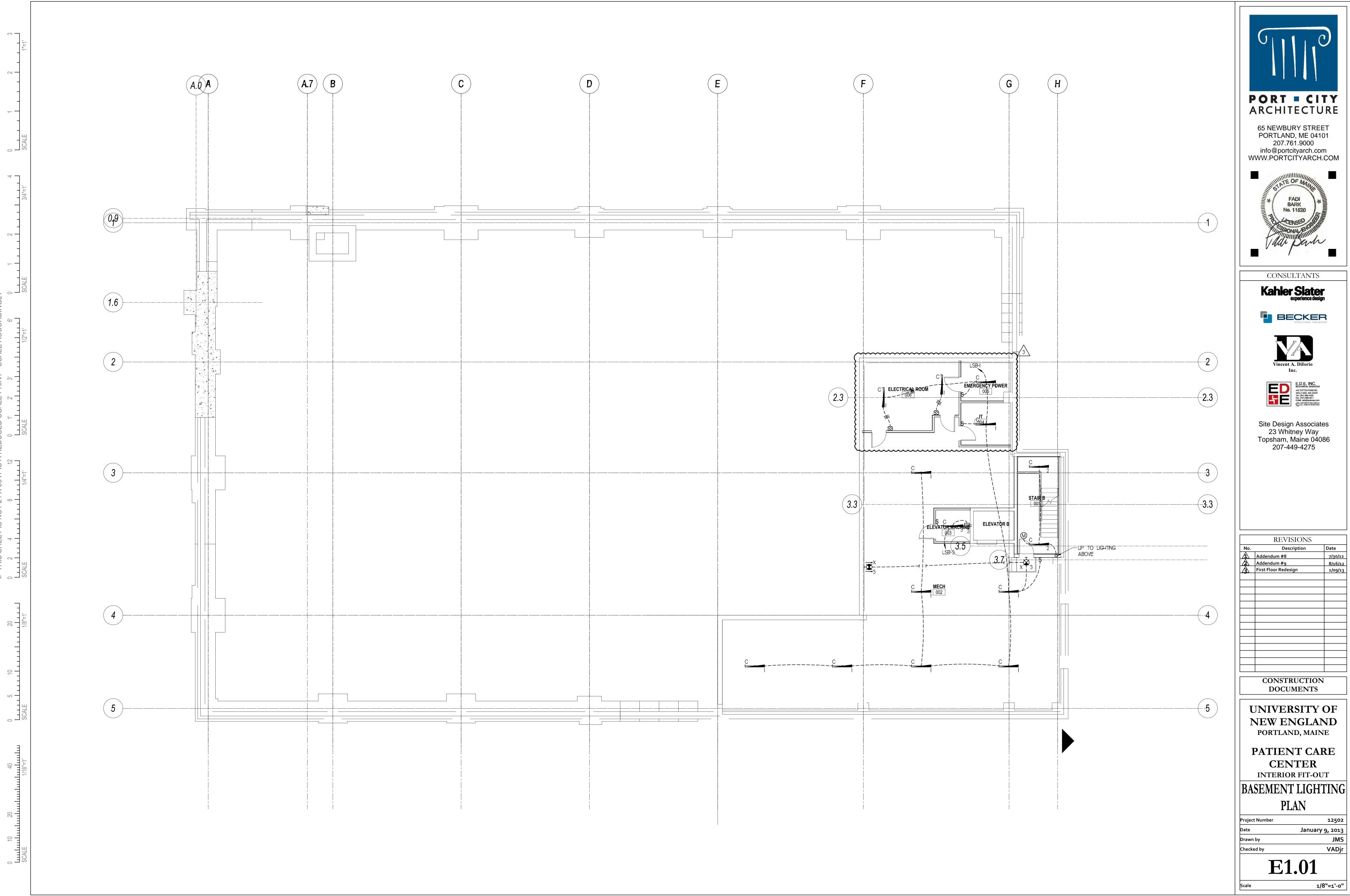
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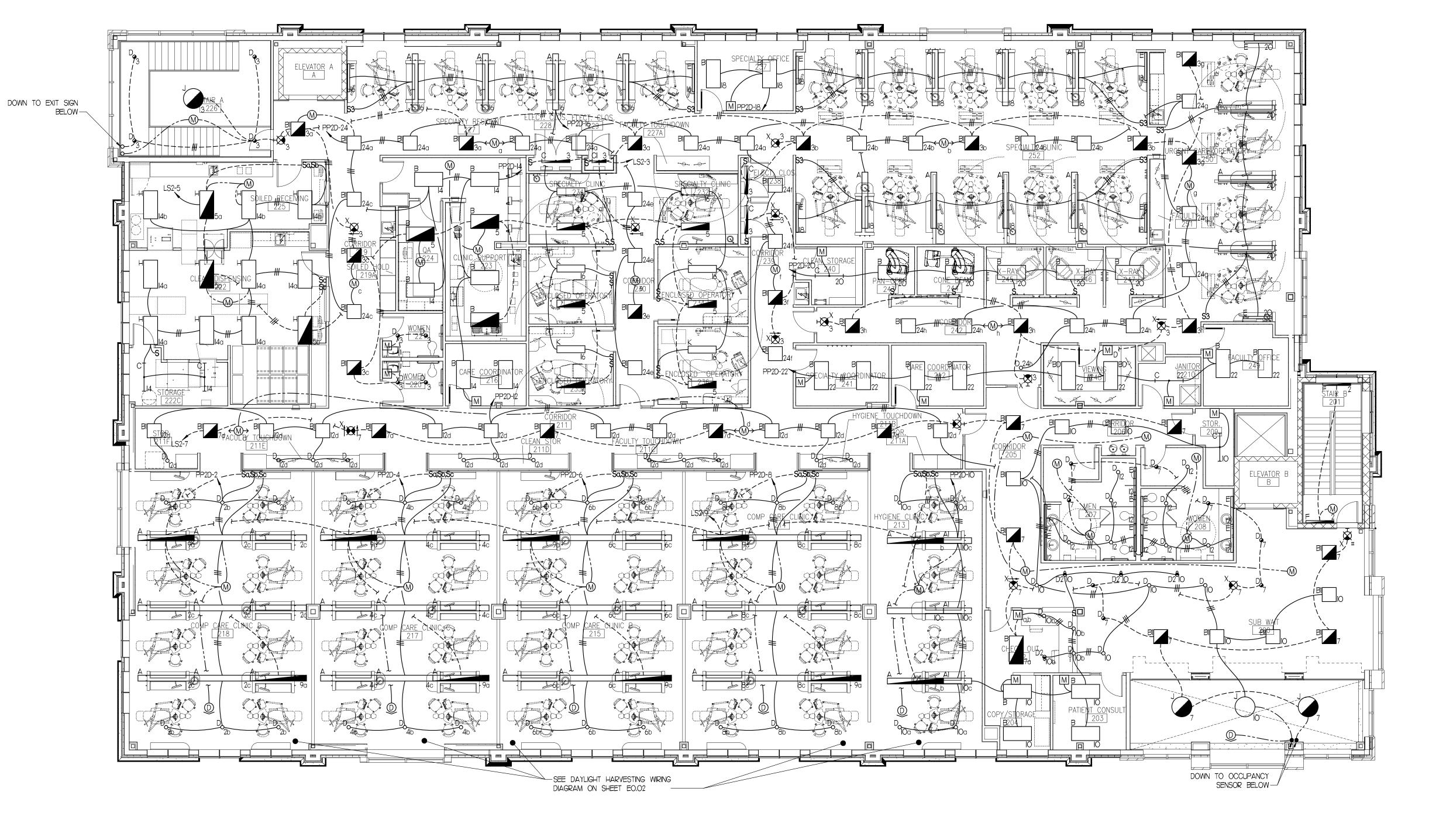
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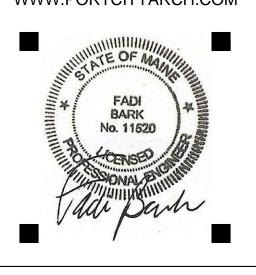
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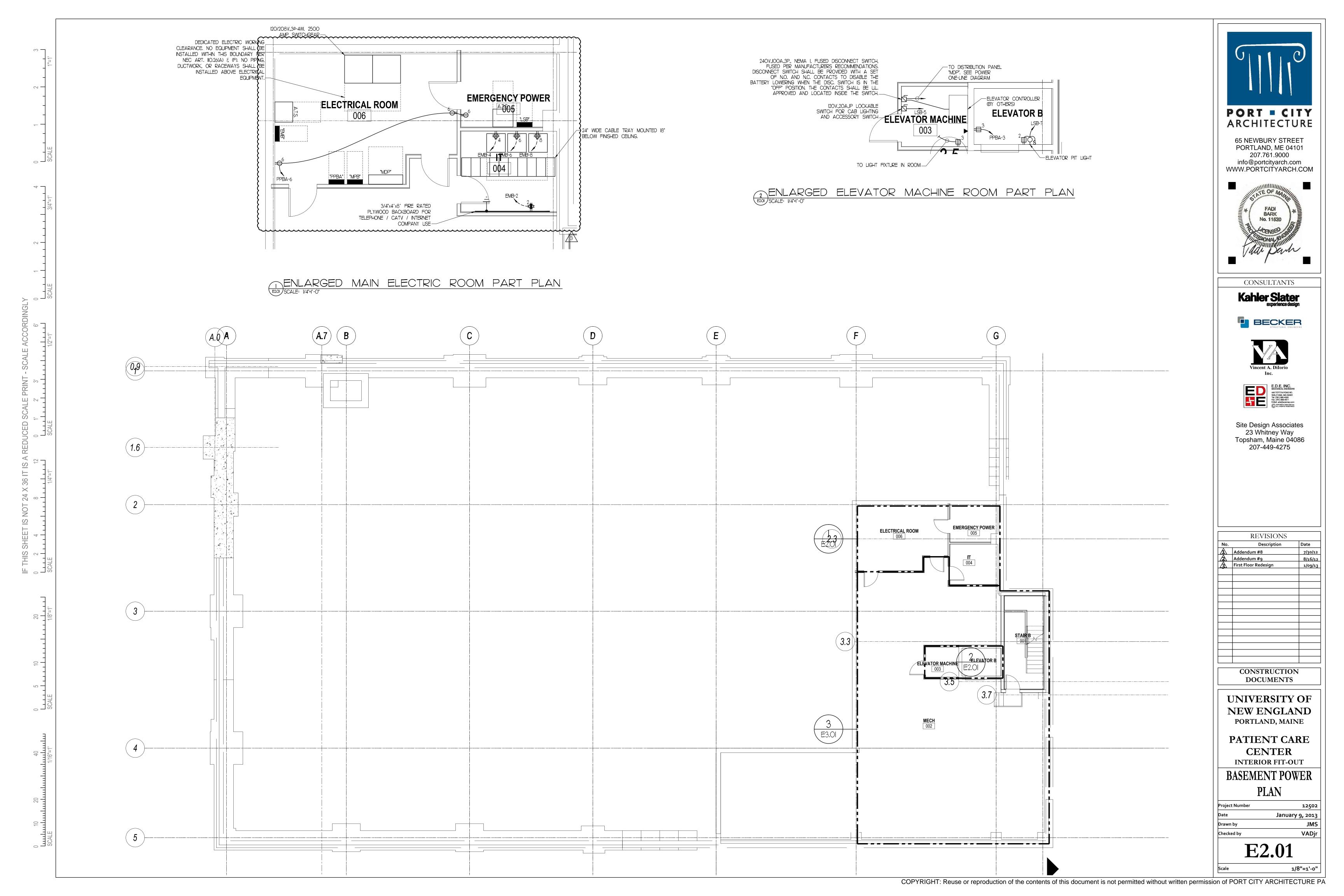
PATIENT CARE **CENTER INTERIOR FIT-OUT**

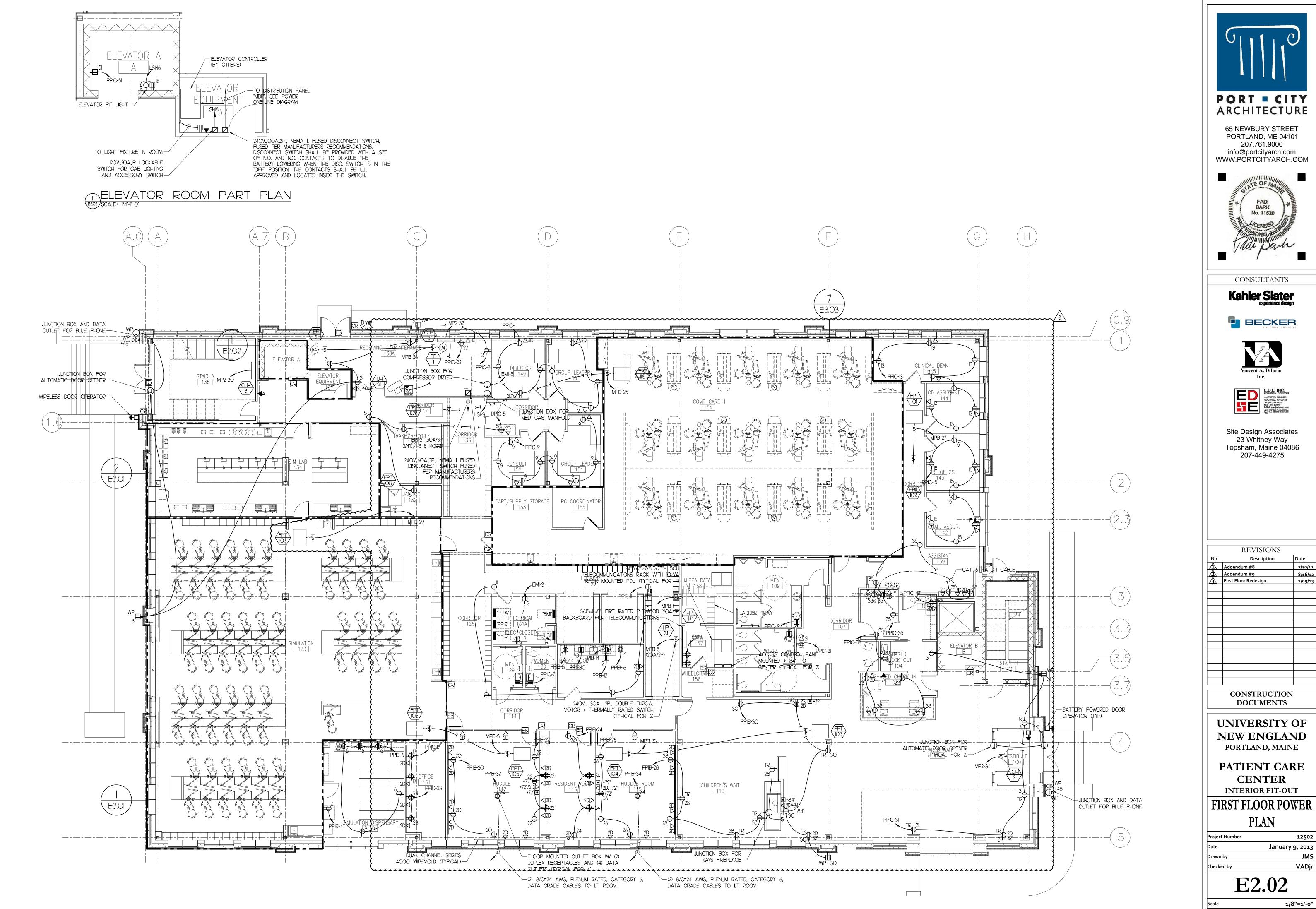
SECOND FLOOR LIGHTING PLAN

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E1.03

1/8"=1'-0"





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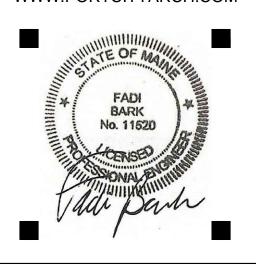


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January 9, 2013





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SECOND FLOOR POWER PLAN

Project Number 12502

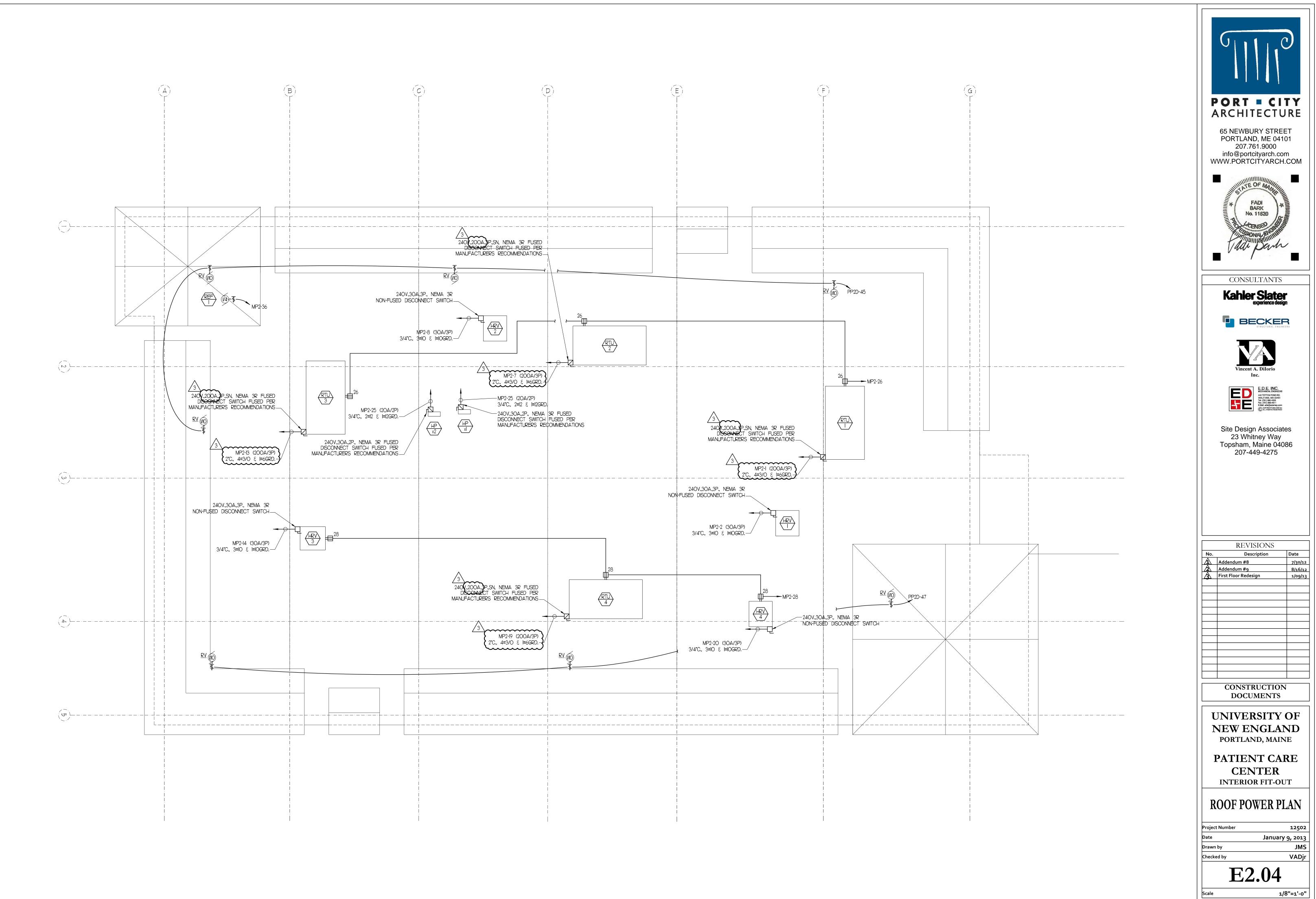
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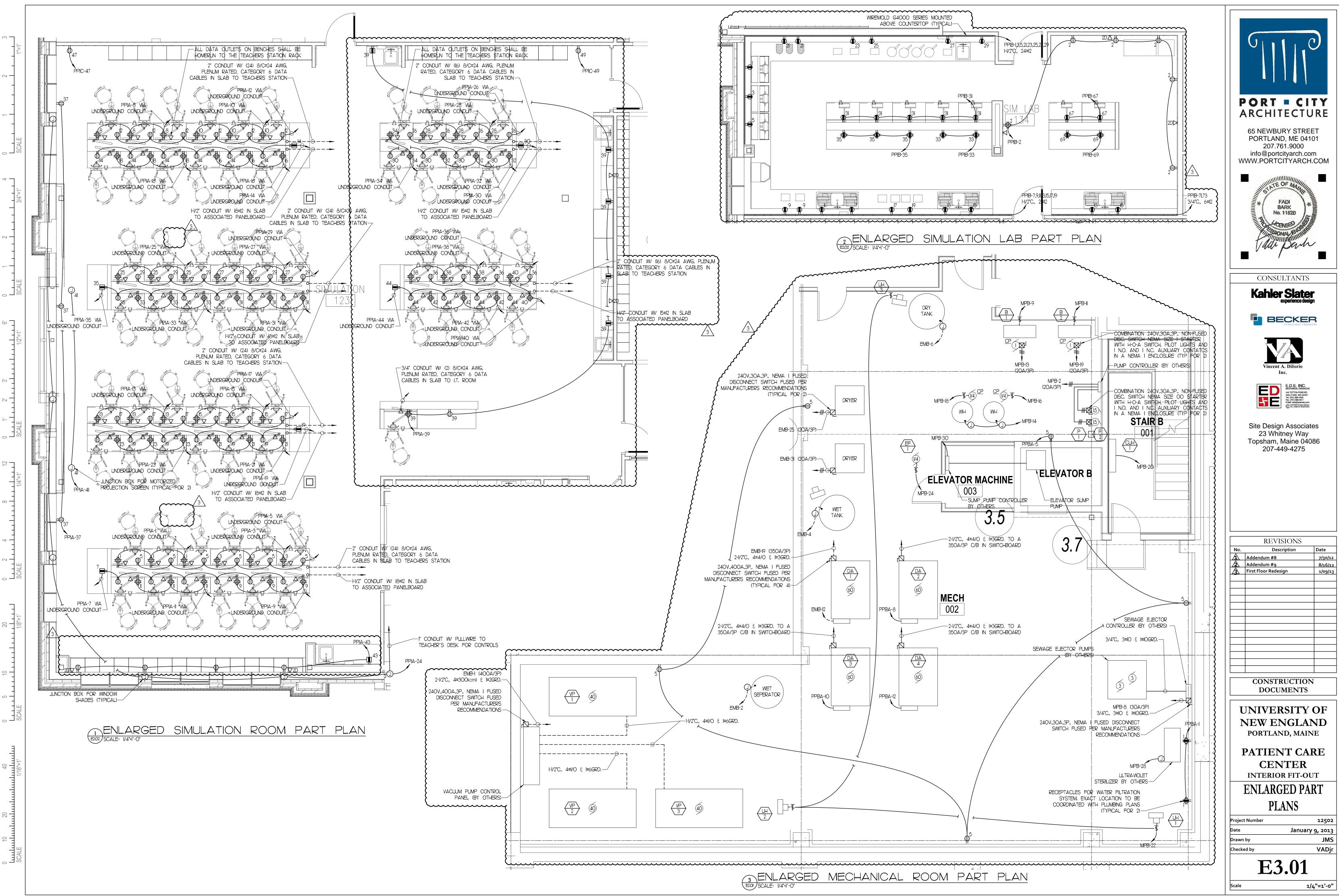
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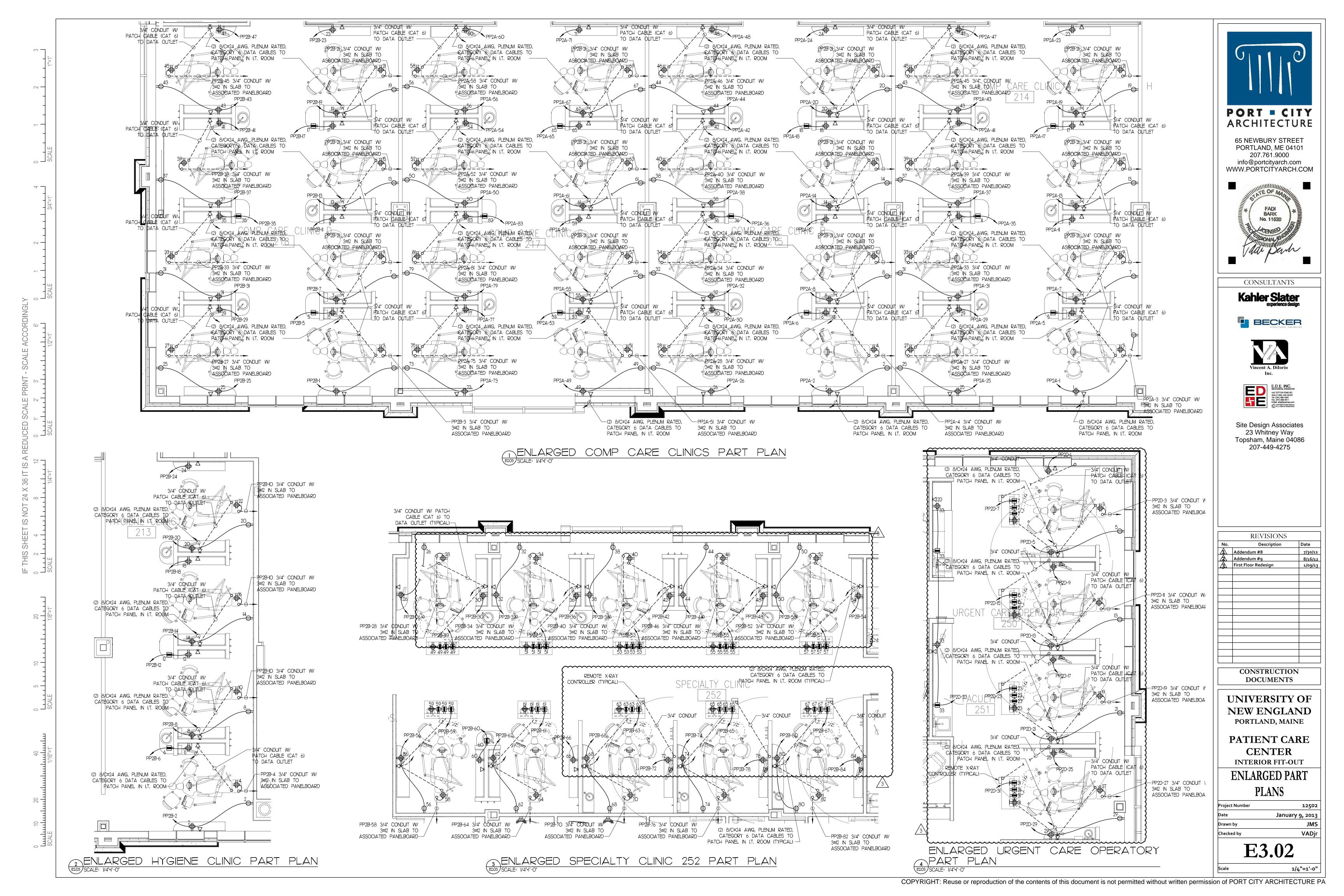
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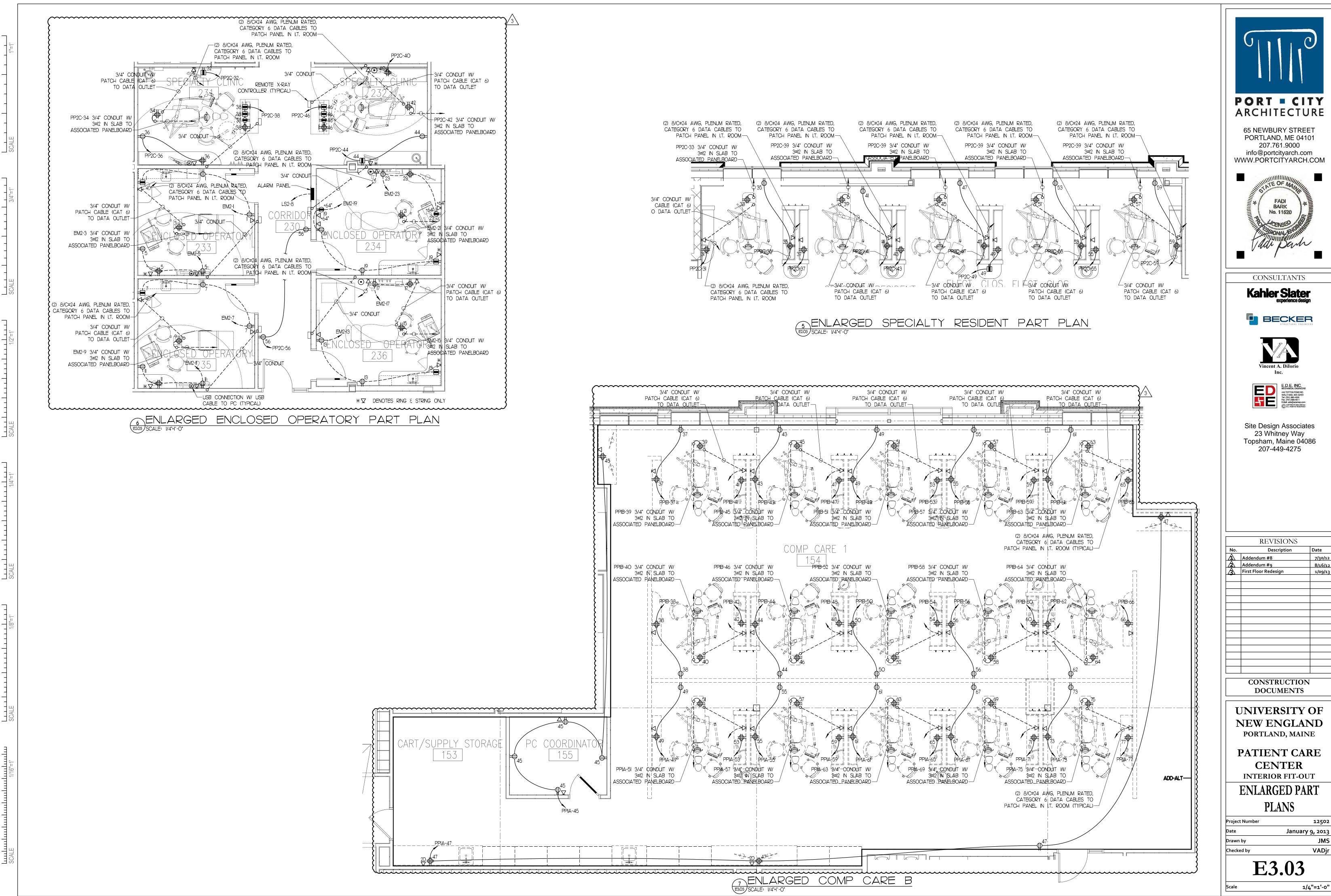
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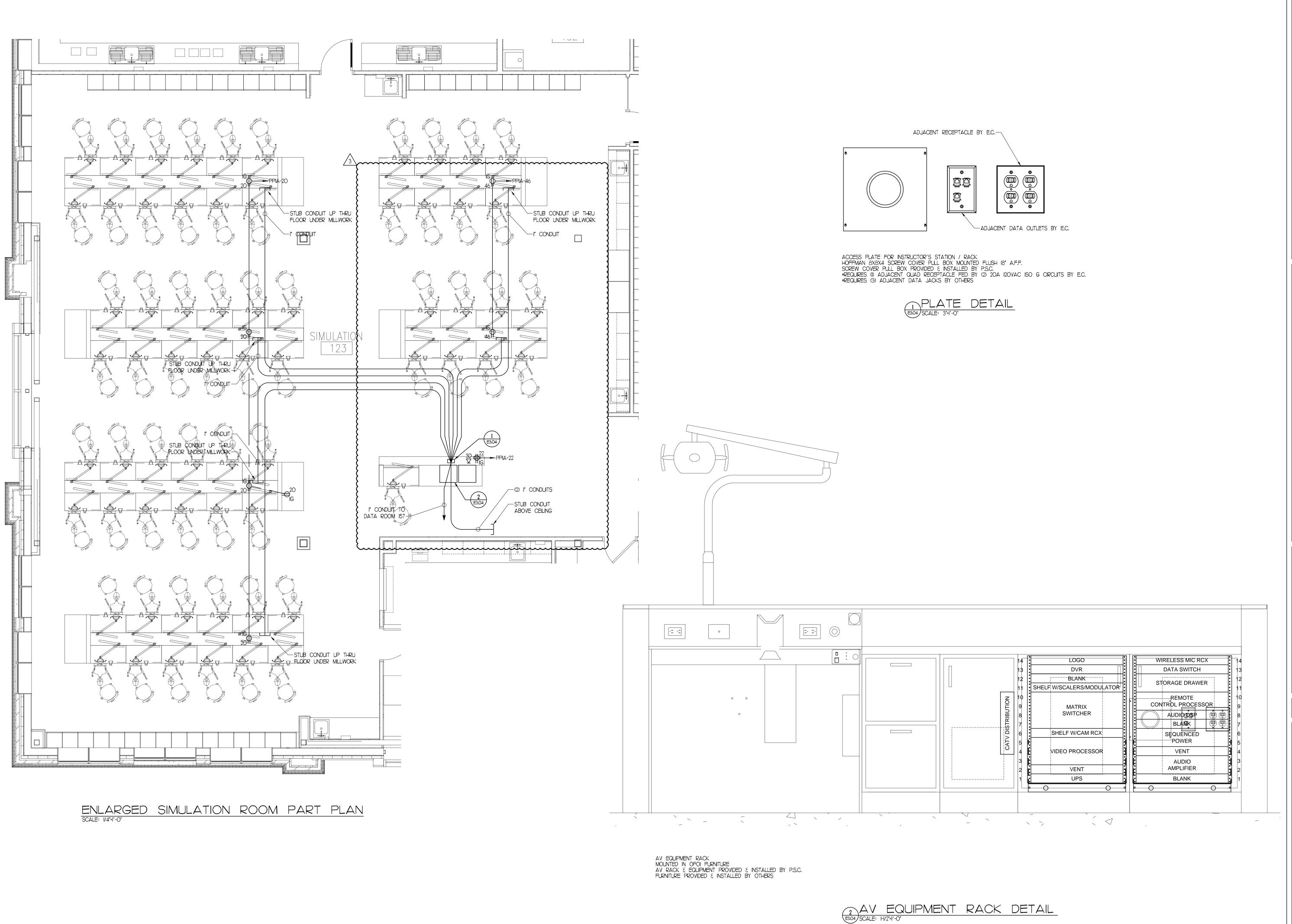
1/8"=1'-0"



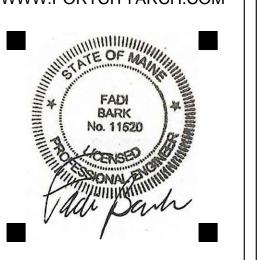












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<u> 2</u>	Addendum #9	8/16/12
<u> 3</u>	First Floor Redesign	1/09/13

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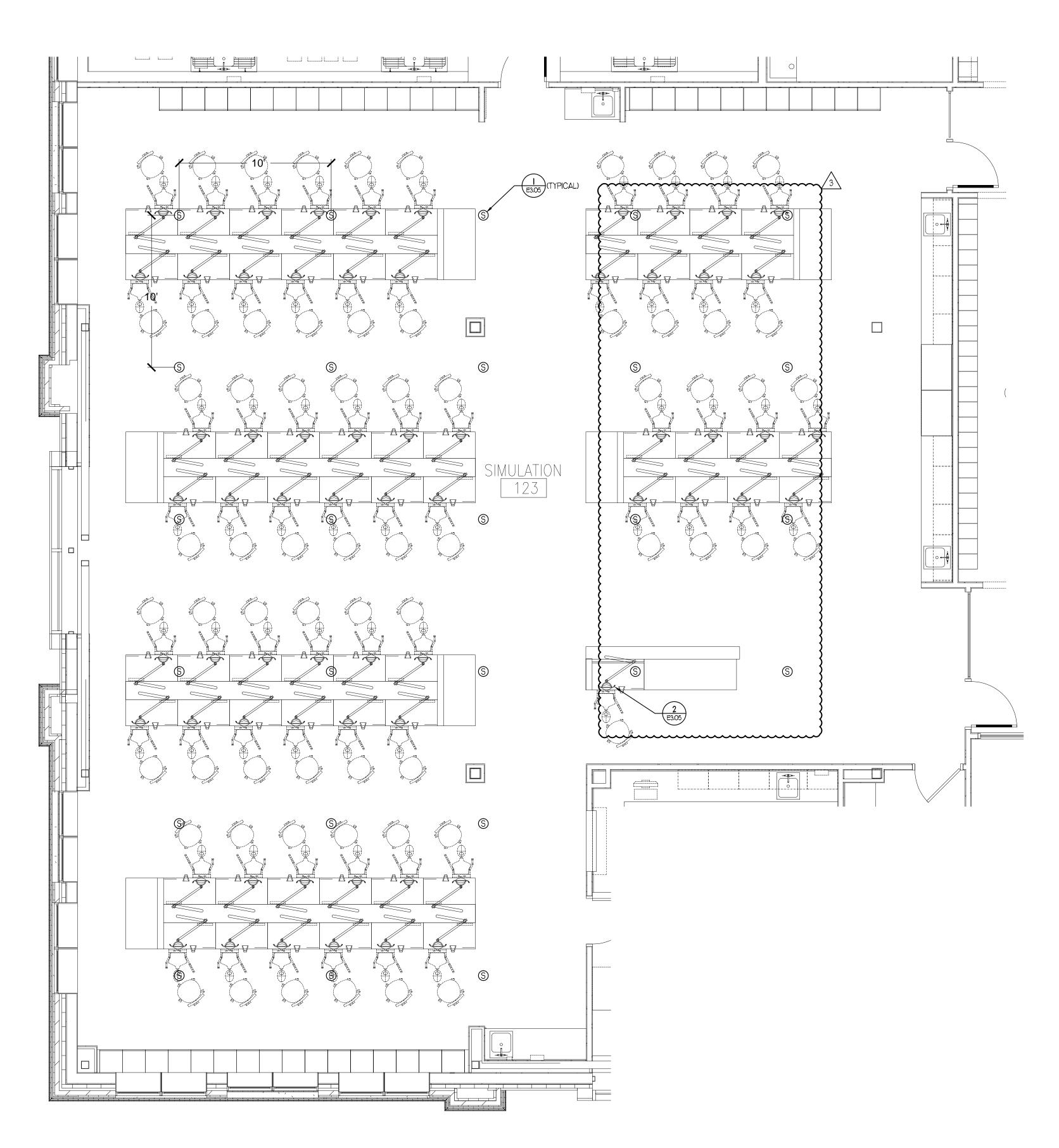
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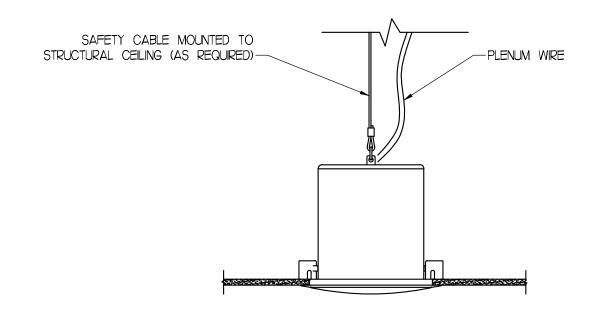
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SIMULATION ROOM
PRESENTATION SYSTEM

roject Number	12502
Pate	January 9, 2013
Prawn by	JMS
Checked by	VADjr

E3.04

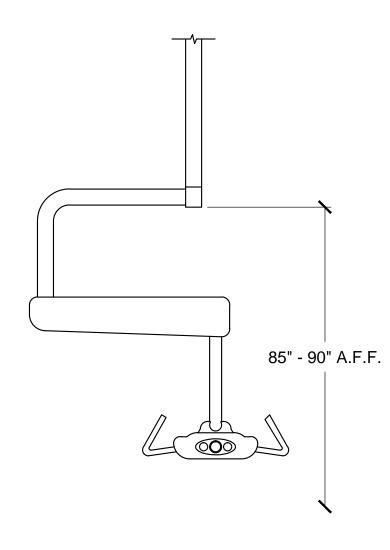




CEILING SPEAKER MOUNTED FLUSH IN TILE CEILING SPEAKER PROVIDED & INSTALLED BY P.S.C.

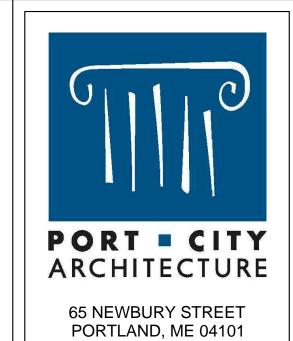
SPEAKER DETAIL

E3.05 SCALE: 2"=1"-0"



CEILING MOUNTED INVISION CAMERA SUSPENDED FROM FINISHED CEILING CAMERA PROVIDED & INSTALLED BY P.S.C.

> 2 CAMERA DETAIL E3.05 SCALE: I'=I'-O'



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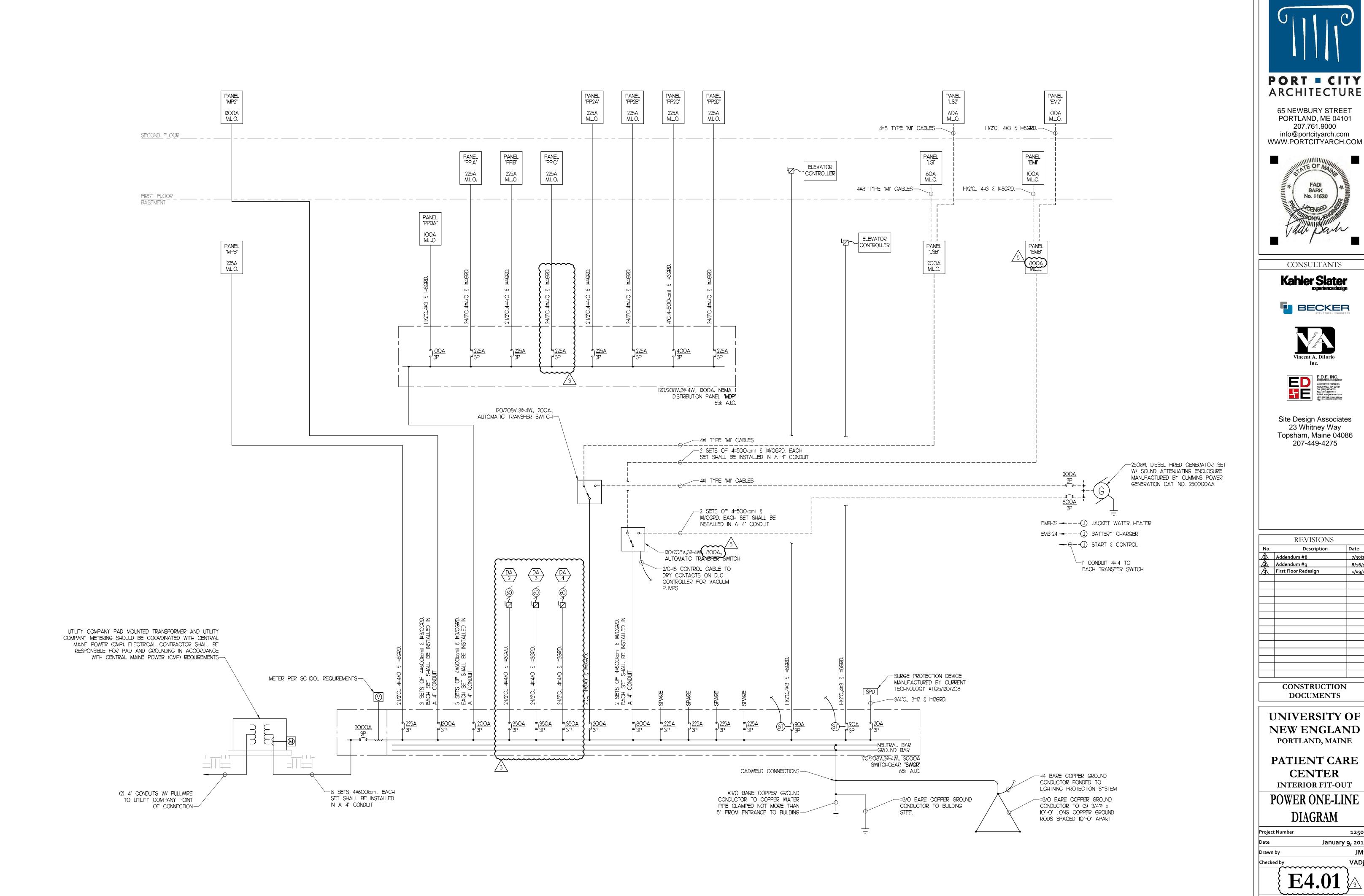
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SIMULATION ROOM
PRESENTATION SYSTEM

Project Number	12502
Date	January 9, 2013
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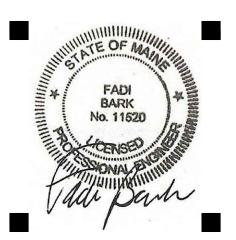
E3.05

ENLARGED SIMULATION ROOM PART PLAN SCALE: 1/4"-1'-0"





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PATIENT CARE **CENTER INTERIOR FIT-OUT**

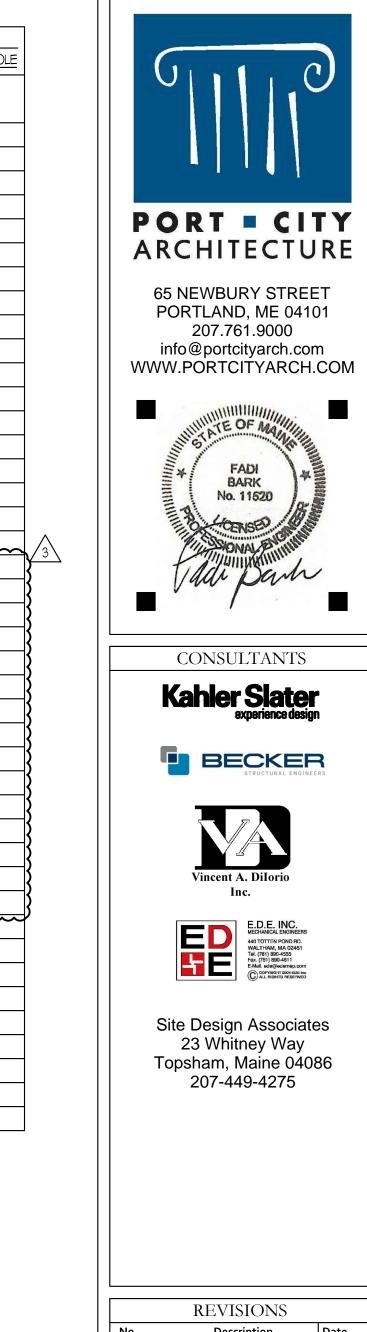
POWER ONE-LINE DIAGRAM

Project Number	1250
Date	January 9, 20:
Drawn by	JM
Checked by	VAD
	4.01

LOCATION	BASEMENT ELECTRIC R	OOM		Р	ANEL	_	PPB.	Δ								/OLTAGE <u>120/208V.,</u> 30-4W.
MOUNTING	SURFACE			R.	ATING	_	100/	7					_		TYPE	OF MAIN <u>IOOA M.L.O. 42 POLE</u>
0	PESCRIPTION	V	OLTAM	PS	FRAME	TRIP	POLES	CK	TS	POLES	TRIP	FRAME	V	OLTAM	PS	DESCRIPTION
	LOCKII HON	ØΔ	ØΒ	øС	FR/	#	0	Š	.10	2	l ⊭	FR/	ΔØ	ØВ	øС	DESCRIPTION
WATER F	FILTRATION SYSTEM	1500			-	20	I	1	2	ı	20	-	1200			SITE LIGHTING
ELEVATOR	R PIT SUMP PUMP		1000		-	20	I	3	4	ı	20	-		300		EXTERIOR BUILDING LIGHTING
RE	ECEPTACLES			900	-	20	I	5	6	l	20	-			540	RECEPTACLES
	SPARE	•			-	20	I	7	8	l	20	-	500			DENTAL AIR CONTROLLER
	SPARE				-	20	I	9	0	<u> </u>	20	~~	~~	500	~~	DENTAL AIR CONTROLLER
	SPARE				-	20	I	II	12 (ı	20	-			500	DENTAL AIR CONTROLLER
	SPARE	•			-	20	1	13	14	<u>~</u>	20		•	~~~	~~~	SPARE SPARE
	SPARE				-	20	1	15	16	ı	20	-				SPARE
	SPARE			•	-	20	I	17	18	1	20	-				SPARE
	SPARE				-	20	1	19	20	1	20	-				SPARE
	SPARE				-	20	1	21	22	ı	20	-				SPARE
	SPARE				-	20	1	23	24	ı	20	-				SPARE
	SPARE	•			-	20	ı	25	26	I	20	-				SPARE
	SPARE				-	20	1	27	28	ı	20	-				SPARE
	SPARE				-	20	ı	29	30	ı	20	-				SPARE
	SPARE				-	20	ı	31	32	1	20	-				SPARE
	SPARE				-	20	Ī	33	34	Ī	20	_				SPARE
	SPARE				-	20	1	35	36	I	20	_				SPARE
	SPARE	•			-	20		37	38	I	20	-				SPARE
	SPARE				-	20	1	39	40	I	20	-				SPARE
	SPARE				-	20		41	42	I	20	_				SPARE

			<u>M_</u>	'	ANEL	_	PPIA	١					_			OLTAGE <u>120/208V., 30-4W.</u>
MOUNTING	SURFACE			R.	ATING	_	225 <i>A</i>	4					_		TYPE (OF MAIN <u>225A M.L.O.</u> <u>84 POLE</u>
Di	ESCRIPTION .	V	OLTAM	PS	AME	 ⊱	LES	CK	TS	LES	윤	AME	V	DLTAM	PS	DESCRIPTION
	LOOKII HOIV	ØΔ	ØΒ	øС	贤		9			PO	11	- J	ØΔ	ØΒ	øС	DEGORII HOIV
SIMULATION	AREA RECEPTACLES	1080			-	20	l	1	2	-	20	-	1500			EXTERIOR RECEPTACLE
SIMULATION	AREA RECEPTACLES		1080		-	20	l	3	4	ı	20	-		1200		ELEVATOR PIT LIGHT & RECEPTACLE
SIMULATION	AREA RECEPTACLES			1080	-	20	l	5	6	ı	20	-			500	ELEVATOR CAB LIGHT & ACCESSORIES
SIMULATION	AREA RECEPTACLES	1080			-	20	I	7	8	ı	20	-	1080			SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES		1080		-	20	1	9	Ю	I	20	-		1080		SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES			1080	-	20	I	II	12	ı	20	-			1080	SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES	1080			-	20	ı	13	14	ı	20	-	1080			SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES		1080		-	20	ı	15	16	1	20	-		1080		SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES			1080	1	20		17	18	_	20	1			1080	SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES	1080			-	20	I	19	20		20	-	900			SIMULATION IG RECEPTACLES
SIMULATION	AREA RECEPTACLES		1080		-	20	1	21	22	ı	20	-		1000		SIMULATION IG RECEPTACLES
SIMULATION	AREA RECEPTACLES			1080	-	20		23	24	-	22		~~~	~~	1500	WINDOWS SHADES
SIMULATION	AREA RECEPTACLES	1080			-	20		25	26	1	20	-	720			SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES		1080		-	20	I	27	28	1	20	-		1080		SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES			1080	-	20	ı	29	30	1	20	-			900	SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES	1080			-	20	ı	31	32	ı	20	-	1080			SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES		1080		-	20	1	33	34	ı	20	-		720		SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES			1080	-	20	1	35	36	1	20	-			720	SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES	900			-	20	1	37	38	1	20	-	1080			SIMULATION AREA RECEPTACLES
SIMULATION	AREA RECEPTACLES		1440		-	20	1	39	40	1	20	-		720		SIMULATION AREA RECEPTACLES
	CTION SCREENS			500		20		41	42	ı	20	-			1080	SIMULATION AREA RECEPTACLES
RE	ECEPTACLES	900			-	20	<u> </u>) 43	44	ı	20	-	900			SIMULATION AREA RECEPTACLES
RE	ECEPTACLES		900		-	20) 45	46	1	20	-		360		SIMULATION I.G. RECEPTACLES
RE	ECEPTACLES			900	-	20		3 47	48	}	7 20	حيد		~~~	~~~	SPARÉ
COMP CAF	RE B RECEPTACLES	540			-	20	1) 49	50	1	20	-				SPARE
COMP CAF	RE B RECEPTACLES		360		-	20	1	3 51	52	1	20	-		٠		SPARE
COMP CAF	RE B RECEPTACLES			360	-	20	1) 53	54	1	20	-				SPARE
		540			-	20) 555	56		20	-				SPARE
			360		-	20) —			20	-				SPARE
				360	-	20)	60		20	-				SPARE
		540			-	20) —	62		20	-				SPARE
		1	360		-	20) 	64		20	-		•		SPARE
				360	-	20	1) 			20	-				SPARE
		540			-		ı) 	-			-				SPARE
			360		-) —			20	-				SPARE
			300	360	-) 				-				SPARE
		540			-) —				-				SPARE
		1	360		-) 				-				SPARE
		1		360	-) 				-				SPARE
		سبب	 		ميا		-	1		<u> </u>		_				SPARE
			 .		_		'			<u> </u>		_				SPARE
	SPARE	1			_	20	1	83	84	-	20					SPARE
	SIMULATION COMP CAI	DESCRIPTION SIMULATION AREA RECEPTACLES COMP CARE B RECEPTACLES	SIMULATION AREA RECEPTACLES COMP CARE B RECEPTACLES	SIMULATION AREA RECEPTACLES 1080 COMP CARE B RECEPTACLES 1080	DESCRIPTION	VOLTANPS	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	WOLTAMPS	WOLTAMPS	VOLTAMPS	Description

	LOCATION FIRST FLOOR ELECTRIC MOUNTING SURFACE	C ROOM	<u>M</u>		ANEL ATING	_	PPIE 225A						_			/OLTAGE <u>120/208V., 30-4W.</u> OF MAIN <u>225A M.L.O. 84 PO</u> I
	<u> </u>		OLTAM	PS	Ą		S.			SJ.		Ą		OLTAM		
	DESCRIPTION	ΔØ	ØB	oc	FRAME	AR	POLES	CK	(TS	POLES		FRAME	ØΔ	ØB	©C	DESCRIPTION
	COUNTERTOP LATHE	1200			-	20	I	l	2	I	20	-	1200			SIMULATION LAB RECEPTACLES
	COUNTERTOP LATHE		1200		-	20	I	3	4	ı	20	-		1200		REFRIGERATOR
	COUNTERTOP LATHE			1200	-	20	1	5	6	ı	20	-			1080	RECEPTACLES
	MODEL TRIMMER	1300			•	20	I	7	8	ı	20	-	1200			REFRIGERATOR
	MODEL TRIMMER		1300		-	20	I	9	10	ı	20	-		1500		COUNTERTOP RECEPTACLE
	3-SPEED VIBRATOR			1000	-	20	I	11	12	ı	20	-			1500	COUNTERTOP RECEPTACLE
	3-SPEED VIBRATOR	1000			-	20	ı	13	14	ı	20	-	1200			DISHWASHER
	3-SPEED VIBRATOR		1000		-	20	ı	15	16	ı	20	-		1200		WATER COOLER
	VACUUM MIXER			1000	-	20	ı	17	18	ı	20	-				·
	VACUUM MIXER	1000			-	20	ı	19	20	ı	20	-	1440			RECEPTACLES
	VISIBLE LIGHT CURING MACHINE		875		-	20	ı	21	22	1	20	-		1260		RECEPTACLES
	VACUUM FORMER			1000	-	20	ı	23	24	1	20	-			1080	RECEPTACLES
	VACUUM FORMER	1000			-	20	ı	25	26	1	20	-	1440			RECEPTACLES
	ULTRASONIC		1000		-	20	ı	27	28	ı	20	-		1080		RECEPTACLES
	ULTRASONIC			1000	-	20	1	29	30	ı	20	-			1260	RECEPTACLES
	TASK LIGHT RECEPTACLES	900			-	20	ı	31	32	ı	20	-	1000			FLOOR RECEPTACLES
F	RECEPTACLES		720		-	20	ı	33	34	1	20	-		1000		FLOOR RECEPTACLES
	RECEPTACLES			1080		20		35	36	LL	20					SPARE
	COMP CARE B RECEPTACLES	540	\bigcap	\bigcap	-	20	\bigcap) 37	38	<u> </u>	20	-	540		~~~	COMP CARE B RECEPTACLES
\	COMP CARE B RECEPTACLES		360		-	20	ı	3 39	40	1	20	-		360		COMP CARE B RECEPTACLES
\	COMP CARE B RECEPTACLES			360	-	20	ı	3 41	42	1	20	-			360	COMP CARE B RECEPTACLES
\	COMP CARE B RECEPTACLES	540			-	20	1) 43	44	ı	20	-	540			COMP CARE B RECEPTACLES
}	COMP CARE B RECEPTACLES		360		-	20) 45	46	ı	20	-		360		COMP CARE B RECEPTACLES
}	COMP CARE B RECEPTACLES			360	-	20		3 47	48	ı	20	-			360	COMP CARE B RECEPTACLES
}	COMP CARE B RECEPTACLES	540			-	20	l) 49	5α	1	20	-	540			COMP CARE B RECEPTACLES
{ -	COMP CARE B RECEPTACLES		360		-	20	<u> </u>) 51	52	ı	20	-		360		COMP CARE B RECEPTACLES
$\left\{ -\right\}$	COMP CARE B RECEPTACLES			360	-	20) 5 3	54		20	-			360	COMP CARE B RECEPTACLES
$\left\{ -\right\}$	COMP CARE B RECEPTACLES	540			-	20) 55	56	1	20	-	540			COMP CARE B RECEPTACLES
$\left\{ -\right\}$	COMP CARE B RECEPTACLES		360		-	20) 57	58		20	_	0.0	360		COMP CARE B RECEPTACLES
$\{ \vdash$	COMP CARE B RECEPTACLES		1000	360	_	20) 59	6α 2		20	_		000	360	COMP CARE B RECEPTACLES
$\left\{ -\right\}$	COMP CARE B RECEPTACLES	540		000	_	20	H	3 61	62	i	20	_	540			COMP CARE B RECEPTACLES
$\{ \vdash$	COMP CARE B RECEPTACLES	0-10	360		_	20	<u>'</u>	3 63	64		20	_	0-10	360		COMP CARE B RECEPTACLES
$\left\{ -\right\}$	COMP CARE B RECEPTACLES		300	360	_	20	<u>'</u>	6 5	66	'	20	_		300	360	COMP CARE B RECEPTACLES
$\left\{ -\right\}$	TASK LIGHT RECEPTACLES	500		300	_	20	 	6 7	68	-	20	حِیا	سبا		$\overline{\tilde{\omega}}$	SPARE SPARE
} -	RECEPTACLES	1 300	720			20	<u>'</u>	6 9	70	<u>'</u>	20	_		<u> </u>		SPARE
$\left\{ -\right\}$	3 SPEED VIBRATOR		1,20	1000	_	20	 	3 71	72		20	_				SPARE
}	3 SPEED VIBRATOR 3 SPEED VIBRATOR	1000		1000	_	20	<u>'</u>	3 /1 3 /3	74		20	_	<u> </u>			SPARE
F	SPARE		سبب	 	ميا	20	 	75	76	<u> </u>	20	_				SPARE
\vdash	SPARE				_	20	 	77	78		20	_				SPARE SPARE
\vdash	SPARE SPARE	1.				20		79	80		20					SPARE SPARE
H	SPARE SPARE	1	 		_	20		/9 8I	82		20			 		SPARE SPARE
F	<u> </u>				_	20		83	84		20					SPARE SPARE
1	SPARE	1		Ι ΄	_	I 40		los	04		I 40	l -	1			STAKE



	REVISIONS	
No.	Description	Date
<u> </u>	Addendum #8	7/30/12
<u> 2</u>	Addendum #9	8/16/12
<u>3</u>	First Floor Redesign	1/09/13

CONSTRUCTION **DOCUMENTS**

UNIVERSITY OF NEW ENGLAND PORTLAND, MAINE

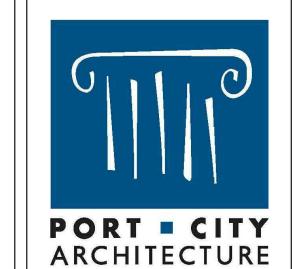
MOUN	NTING SURFACE			R	ATING	_	40C	Α					_		TYPE	OF MAIN 400A M.L.O. 84 POL
			OLTAM	PS	Ų	_	L ^{KJ}			ស្ល	_	ΨĮ.		OLTAM		
	DESCRIPTION	ØΑ	ØB	l øc	FRAME	TRIP M	POLES	CK	<ts< td=""><td>POLES</td><td>TRP</td><td>FRAME</td><td>ØΑ</td><td>ØB</td><td>ØC</td><td>DESCRIPTION</td></ts<>	POLES	TRP	FRAME	ØΑ	ØB	ØC	DESCRIPTION
	RECEPTACLES	1440			-	20			2	1	20	-	1836			LIGHTING
	RECEPTACLES		1080		-	20		3	4	ı	20	-		1104		LIGHTING
	RECEPTACLES			900	-	20		5	6	1	20	-			1567	LIGHTING
	BATHROOM RECEPTACLES	1500			-	20		7	8	ı	20	-	1620			LIGHTING
	RECEPTACLES		1440		-	20		9	10	ı	20	-		864		LIGHTING
	RECEPTACLES			900	-	20			12	ı	20	-			1135	LIGHTING
	RECEPTACLES	1440			-	20		13	14	ı	20	-	1553			LIGHTING
	RECEPTACLES		1440		-	20		15	16	1	20	-		700		LIGHTING
	RECEPTACLES			720	-	20		17	18	ı	20	-			1400	LIGHTING
	BATHROOM RECEPTACLES	1500			-	20		19	20	ı	20	-				SPARE
	EWC		1500		-	20		21	22	<u>ا</u>	20	حَہ		1200	~~	DENTAL VACUUM
	RECEPTACLES			720		20		23	24	Ī	20	-				SPARE
(SPARE	•			-	20	\bigcap	25	26	1	20	_	,			SPARE
{	SPARE		,		-	20	\vdash	3 27	28		20	-		,		SPARE
{	SPARE			,	-	20		3 29	30		20	-			1	SPARE
\leftarrow	RECEPTACLES	~ 1080			حيا	20	衦	31	32	ı	20	-				SPARE
	RECEPTACLES		1260		-	20	\vdash	33	34	1	20	-				SPARE
	RECEPTACLES			1260		_20	\Box	35	36	1	20	-				SPARE
	SPARE	<u> </u>	\sim	\sim	-	20	$\overline{}$	3 7	38	1	20	-				SPARE
	SPARE				-	20	\vdash	3 9	40	ı	20	-				SPARE
	SPARE				-	20	1	3 41	42	1	20	-				SPARE
	SPARE				-	20	\vdash	4 3	44	1	20	-				SPARE SPARE
	REFRIGERATOR	~~~	1200		سِب	20	┯	45	46	1	20	-				SPARE
	DEDICATED RECEPTACLE			1500	-	20	\vdash	47	48	1	20	-				SPARE
	DEDICATED RECEPTACLE	1500			-	20	\vdash	49	50	1	20	-				SPARE
	ELEVATOR SUMP PUMP		1200			2Q		51	52	1	20	-				SPARE
 	SPARE	~~~	\sim	<u> </u>	_	20	\bigcap	5 3	54	1	20	-				SPARE
{	SPARE				-	20	\vdash	2 55	56	7	20	حيا	حبب		~~~	SPARE
{	SPARE				-	20	\vdash	2 57	58	1	20	-				SPARE
\longleftarrow	SPARE	~~~		بب	سِب	20	ᅒ	59	60	1	20	-				SPARE
	SPARE				-	20	\vdash	61	62		20	-				SPARE
	SPARE		,		-	20	\vdash	63	64		20	-		,		SPARE
	SPARE			,	-	20	\vdash	65	66		20	-				SPARE
	SPARE	,			-	20		67	68	ı	20	-				SPARE
	SPARE				-	20		69	70	ı	20	-				SPARE
	SPARE				-	20	<u> </u>	71	72		20	_				SPARE
	SPARE	,			-	20	<u> </u>	73	74		20	_				SPARE
	SPARE		,		-	20	<u> </u>	75	76		20	_		,		SPARE
	SPARE			 ,	-	20	\vdash	77	78		20	-			,	SPARE
	SPARE	 .			-	20	+	79	80		20	-				SPARE
	SPARE				-	20	$\stackrel{\cdot}{\vdash}$	81	82	<u> </u>	20	-				SPARE
	SPARE		-	-	<u> </u>	20	Ľ	83	+	<u> </u>	20	 		-		SPARE

LOCATION SECOND FLOOR ELECT	RIC RO	 DOM	P	ANEL		PP2	Δ								VOLTAGE 120/208V., 30-4W
MOUNTING SURFACE				ATING	, <u> </u>	225/									OF MAIN 225A M.L.O. 84 POLE
	T	OLTAM	 PS	刑		ပ္ပ			ស		Щ.	\ \/	 OLTAM	 ρς	
DESCRIPTION	ØΔ	ØB	T _{ØC}	FRAME		POLES	CK	(TS	POLES		FRAME	ΦΔ	ØB	l øc	DESCRIPTION
COMP CARE CLINIC A RECEPTACLES	1200			_	20			2	1	20	-	1200	_		COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES		1200		_	20		3	4	ı	20	-		1200		COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	1	1200	1200	_	20		5	6	ı	20	_		1200	1200	
COMP CARE CLINIC A RECEPTACLES	1200		1200	_	20	<u> </u>	7	8	1	20	-	1200		1200	COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	1200	1200		_	20	<u> </u>	9	10	1	20	-	1200	1200		COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	 	1200	1200	_	20	<u> </u>	<u></u>	12	1	20	-		1200	1200	COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	1200		1200	_	20	H	13	14	ı ı	20	_	1200		1200	COMP CARE CLINC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	1200	1200		_	20	<u>'</u>	15	16	, ,	20	_	1200	1200		COMP CARE CLINC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	1	1200	1200	_	20	'	17	18	1	20	_		1200	1200	
COMP CARE CLINIC A RECEPTACLES	1200		1200	_	20	'	17	20	1	20	_	1200		1200	COMP CARE CLINC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	1200	1200		_	20		21	22	1	20	_	1200	1200		COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES COMP CARE CLINIC A RECEPTACLES	-	1200	1200	_			23		1		<u> </u>		1200	1200	COMP CARE CLINIC B RECEPTACLES COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES COMP CARE CLINIC A RECEPTACLES	1000		1200	_	20		25	24	1	20	<u> </u>	1200		1200	
	1200	1000		-	20			26	<u> </u>	20	-	1200	1000		
COMP CARE CLINIC A RECEPTACLES		1200	1000	-	20		27	28		20	-		1200	1000	COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	1000		1200	-	20		29	30	<u> </u>	20	-	1000		1200	
COMP CARE CLINIC A RECEPTACLES	1200			-	20	<u> </u>	31	32	<u> </u>	20	-	1200			COMP CARE CLINC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	<u> </u>	1200		-	20		33	34		20	-		1200		COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES			1200	-	20		35	36	l	20	-			1200	
COMP CARE CLINIC A RECEPTACLES	1200			-	20	I	37	38	I	20	-	1200			COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES		1200		-	20		39	40	I	20	-		1200		COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	<u> </u>		1200	-	20		41	42	ı	20	-			1200	COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES	1200			-	20	I	43	44	I	20	-	1200			COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES		1200		-	20		45	46	I	20	-		1200		COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC A RECEPTACLES			1200	-	20	1	47	48	I	20	-			1200	COMP CARE CLINIC B RECEPTACLES
COMP CARE CLINIC C RECEPTACLES	1200			-	20	1	49	50	١	20	-	1200			COMP CARE CLINIC C RECEPTACLES
COMP CARE CLINIC C RECEPTACLES		1200		-	20	ı	51	52	ı	20	-		1200		COMP CARE CLINIC C RECEPTACLES
COMP CARE CLINIC C RECEPTACLES			1200	-	20	1	53	54	I	20	-			1200	COMP CARE CLINIC C RECEPTACLES
COMP CARE CLINIC C RECEPTACLES	1200			-	20	1	55	56	I	20	-	1200			COMP CARE CLINIC C RECEPTACLES
COMP CARE CLINIC C RECEPTACLES		1200		-	20	ı	57	58	ı	20	-		1200		COMP CARE CLINIC C RECEPTACLES
COMP CARE CLINIC C RECEPTACLES			1200	-	20	1	59	60		20	-			1200	COMP CARE CLINIC C RECEPTACLES
COMP CARE CLINIC C RECEPTACLES	1200			-	20	1	61	62	I	20	-				SPARE
COMP CARE CLINIC C RECEPTACLES		1200		-	20	1	63	64	1	20	-				SPARE
COMP CARE CLINIC C RECEPTACLES			1200	-	20	1	65	66		20	-				SPARE
COMP CARE CLINIC C RECEPTACLES	1200			-	20	ı	67	68	I	20	-				SPARE
COMP CARE CLINIC C RECEPTACLES		1200		-	20	1	69	70	ı	20	-				SPARE
COMP CARE CLINIC C RECEPTACLES			1200	-	20	ı	71	72	I	20	-				SPARE
COMP CARE CLINIC C RECEPTACLES	1200			-	20	1	73	74	1	20	-				SPARE
COMP CARE CLINIC C RECEPTACLES		1200		-	20	1	75	76	1	20	-				SPARE
COMP CARE CLINIC C RECEPTACLES	1		1200	-	20	1	77	78	ı	20	-				SPARE
COMP CARE CLINIC C RECEPTACLES	1200			-	20	1	79	80	1	20	-				SPARE
COMP CARE CLINIC C RECEPTACLES	†	1200		-	20	 	81	82		20	-		ı		SPARE
COMP CARE CLINIC C RECEPTACLES	†	+	1200	_	20	<u> </u>	83		i I	20	-				SPARE
COIVE CARE OFFICE OF REOFF LAOFFO						<u> </u>	L	ا ا							V CIRL

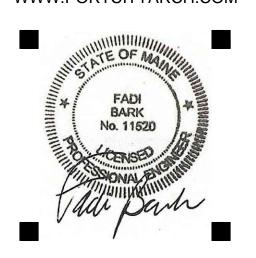
LOCATION SECOND FLOOR ELECT MOUNTING SURFACE	NO K	<u> </u>		ANEL ATING	_	PP2E 225A						_	-		OLTAGE <u>120/208V., 30-4W</u> DF MAIN <u>225A M.L.O. 84 P</u>
DECODIDATION		OLTAM	PS	Æ	ᡅ	E.		·TC	8	<u> </u>	闄	V	MATJC		
DESCRIPTION	ØД	øВ	ФС	FRAME	TRIP	POLES	CK	TS	POLES	TRIP	FRAME	ØΔ	ØΒ	ФС	DESCRIPTION
COMP CARE CLINIC D RECEPTACLES	1200			1	20		1	2	1	20	-	1200			HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES		1200		-	20		3	4	1	20	-		1200		HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES			1200	-	20		5	6	-	20	-			1200	HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES	1200			-	20		7	8	-	20	-	1200			HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES		1200		-	20		9	Ю	1	20	-		1200		HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES			1200	-	20		II	12	1	20	-			1200	HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES	1200			-	20	1	13	14	1	20	-	1200			HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES		1200		-	20	1	15	16	1	20	-		1200		HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES			1200	-	20		17	18	1	20	-			1200	HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES	1200			-	20		19	20	-	20	-	1200			HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES		1200		-	20		21	22	-	20	-		1200		HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES			1200	-	20	1	23	24	1	20	-			1200	HYGIENE CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES	1200			-	20	1	25	26	1	20	-	1200			SPECIALTY CLINIC RECEPTACLE
COMP CARE CLINIC D RECEPTACLES		1200		-	20	1	27	28	1	20	-		1200		SPECIALTY CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES			1200	-	20	1	29	30	1	20	-			1200	SPECIALTY CLINIC RECEPTACLE:
COMP CARE CLINIC D RECEPTACLES	1200			-	20		31	32	-	20	-	1200			SPECIALTY CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES		1200		-	20		33	34	1	20	-		1200		SPECIALTY CLINIC RECEPTACLE
COMP CARE CLINIC D RECEPTACLES			1200	-	20	1	35	36		20	-			1200	SPECIALTY CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES	1200			-	20	1	37	38		20	-	1200			SPECIALTY CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES		1200		-	20	1	39	40		20	-		1200		SPECIALTY CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES			1200	-	20	<u> </u>	41	42		20	-		.200	1200	SPECIALTY CLINIC RECEPTACLE
COMP CARE CLINIC D RECEPTACLES	1200			-	20	1	43	44		20	-	1200			SPECIALTY CLINIC RECEPTACLE
COMP CARE CLINIC D RECEPTACLES		1200		-	20	1	45	46		20	-		1200		SPECIALTY CLINIC RECEPTACLES
COMP CARE CLINIC D RECEPTACLES			1200	-	20	1	47	48		20	-			1200	SPECIALTY CLINIC RECEPTACLES
SPECIALTY CLINIC RECEPTACLES	1200			-	20	1	49	50		20	-	1200			SPECIALTY CLINIC RECEPTACLES
SPECIALTY CLINIC RECEPTACLES		1200		-	20	1	51	52		20	-		1200		SPECIALTY CLINIC RECEPTACLES
SPECIALTY CLINIC RECEPTACLES			1200	-	20	<u> </u>	53	54		20	-		.200	1200	SPECIALTY CLINIC RECEPTACLES
SPECIALTY CLINIC RECEPTACLES	1200			-	20	<u> </u>	55	56		20	_	1200			SPECIALTY CLINIC RECEPTACLES
SPECIALTY CLINIC RECEPTACLES	1.200	1200		_	20	1	57	58	·	20	-		1200		SPECIALTY CLINIC RECEPTACLES
SPECIALTY CLINIC RECEPTACLES			1200	_	20	<u>'</u>	59	60	· 	20	-		.200	1200	SPECIALTY CLINIC RECEPTACLES
SPECIALTY CLINIC RECEPTACLES	1200		.200	_	20	1	61	62	· 	20	_	1200		.200	SPECIALTY CLINIC RECEPTACLE
SPECIALTY CLINIC RECEPTACLES	1.200	1200		_	20	'	63	64	'	20	_	1.200	1200		SPECIALTY CLINIC RECEPTACLE
SPECIALTY CLINIC RECEPTACLES			1200	_	20	1	65	66	1	20	-		.200	1200	SPECIALTY CLINIC RECEPTACLE
SPECIALTY CLINIC RECEPTACLES	1200		1200	_	20	<u> </u>	67	68	-	20	_	1200		1200	SPECIALTY CLINIC RECEPTACLE
SPARE	1.200	 .		_	20	<u> </u>	69	70	'	20	_	1.200	1200		SPECIALTY CLINIC RECEPTACLE
SPARE				_	20		71	72		20	-		1200	1200	SPECIALTY CLINIC RECEPTACLE
SPARE				_	20		73	74	1	20	_	1200		1200	SPECIALTY CLINIC RECEPTACLE:
SPARE				_	20	1	75 75	7 4 76	1	20	_	1200	1200		SPECIALTY CLINIC RECEPTACLES
SPARE SPARE					20	-	75	78	ı	20	_		1200	1200	SPECIALTY CLINIC RECEPTACLE:
SPARE SPARE					20		79	70 80	1	20	<u> </u>	1200		1200	SPECIALTY CLINIC RECEPTACLE:
SPARE SPARE	<u> </u>				20		/9 8I	82	1	20	_	1200	1200		SPECIALTY CLINIC RECEPTACLE:
JEAKE	<u> </u>				40		OI	02		_20			1200		OFLOIALII ULINIU KEUEMIAULE

LOCATION SECOND FLOOR ELECTION MOUNTING SURFACE				ANEL ATING	_	PP20 4OC						_			/OLTAGE
DECORPTION	V	OLTAM	PS	₩	_	SI SI		70	Image: Control of the	ட	⊌	V	DLTAM	 PS	DECODIDE
DESCRIPTION	ΔØ	ØB	0C	FRAME	묎	POLES	CK	(TS	POLES	잼	FRAME	ΔØ	øВ	ФС	DESCRIPTION
LARGE STERILIZER STEAM GENERATOR	15K			-	150	3	ı	2	ı	20	-	1440			LARGE STERILIZER
		15K		-	-	-	3	4	l	20	-		1440		SMALL STERILIZER
			15K	-	-	-	5	6	l	20	-			500	WATER SAVER & TREATMENT SYST
SMALL STERILIZER STEAM GENERATOR	IOK			-	100	3	7	8	ı	20	-	1200			REFRIGERATOR
		IOK		-	-	-	9	Ю	ı	20	-		850		VISIBLE LIGHT CURING SYSTEM
			IOK	-	-	-	11	12	I	20	-			1200	AQUISITION UNIT
COUNTERTOP STERILIZER	1000			-	20	2	13	14	l	20	-	1200			POLISHING LATHE
		1000		-	-	-	15	16	l	20	-		1000		VIBRATOR
ULTRASONIC CLEANER			1610	-	20	ı	17	18	l	20	-			1000	VIBRATOR
RECEPTACLES	1080			-	20	ı	19	20	I	20	-	1000			VACUUM MIXERS
RECEPTACLES		900		-	20	Ī	21	22	ı	20	-		1000		VACUUM FORMER
RECEPTACLES			1080	-	20	ı	23	24	I	20	-			1000	DENTAL HANDPIECE MAINTENANCE SYS
RECEPTACLES	1440			-	20	1	25	26	l	20	-	1000			DENTAL HANDPIECE MAINTENANCE SYS
RECEPTACLES		1440		-	20	1	27	28	l	20	-		500		WATER TREATMENT SYSTEM
BATHROOM RECEPTACLES			1500	-	20		29	30	l	20	-			900	RECEPTACLES
SPECIALTY RESIDENT RECEPTACLES	1200			-	20		31	32	l	20	-	1200			ENCLOSED OPERATORY RECEPTAC
SPECIALTY RESIDENT RECEPTACLES		1200		-	20	1	33	34	l	20	-		1200		ENCLOSED OPERATORY RECEPTAC
SPECIALTY RESIDENT RECEPTACLES			1200	-	20	1	35	36	l	20	-			1200	ENCLOSED OPERATORY RECEPTAC
SPECIALTY RESIDENT RECEPTACLES	1200			-	20		37	38	l	20	-	1200			ENCLOSED OPERATORY RECEPTAC
SPECIALTY RESIDENT RECEPTACLES		1200		-	20		39	40	l	20	-		1200		ENCLOSED OPERATORY RECEPTAC
SPECIALTY RESIDENT RECEPTACLES			1200	-	20		41	42	l	20	-			1200	ENCLOSED OPERATORY RECEPTAC
SPECIALTY RESIDENT RECEPTACLES	1200			-	20	١	43	44	1	20	-	1200			ENCLOSED OPERATORY RECEPTAC
SPECIALTY RESIDENT RECEPTACLES		1200		-	20		45	46	l	20	-		1200		ENCLOSED OPERATORY RECEPTAC
SPECIALTY RESIDENT RECEPTACLES			1200	-	20	١	47	48	1	20	-				SPARE
SPECIALTY RESIDENT RECEPTACLES	1200			-	20	ı	49	50	l	20	-	500			DENTAL AIR/VAC STARTERS
SPECIALTY RESIDENT RECEPTACLES		1200		-	20	ı	51	52	I	20	-		1500		REMOTE DRINKING FOUNTAIN CHILL
SPECIALTY RESIDENT RECEPTACLES			1200	-	20	ı	53	54	l	20	-			1000	RECEPTACLES
SPECIALTY RESIDENT RECEPTACLES	1200			-	20	ı	55	56	1	20	-	360			RECEPTACLES
SPECIALTY RESIDENT RECEPTACLES		1200		-	20	ı	57	58	1	20	-				SPARE
SPECIALTY RESIDENT RECEPTACLES			1200	-	20	ı	59	60	1	20	-				SPARE
RECEPTACLES	1080			-	20	ı	61	62	l	20	-				SPARE
RECEPTACLES		1260		-	20	ı	63	64	1	20	-				SPARE
RECEPTACLES			1440	-	20	Ī	65	66	ı	20	-				SPARE
RECEPTACLES	1260			_	20	I	67	68	I	20					SPARE
RECEPTACLES		1260		_	20	Ī	69	70	ı	20	-				SPARE
RECEPTACLES			1080	_	20	I	71	72	I	20					SPARE
SPARE				_	20	Ī	73	74	I	20					SPARE
SPARE				_	20	I	75	76	I	20					SPARE
SPARE				_	20	Ī	77	78	I	20					SPARE
SPARE				_	20	I	79	80	ı	20					SPARE
SPARE				-	20	1	81	82	ı	20	-		à		SPARE
SPARE				-	20		83	84	ı	20	-				SPARE

* PROVIDE GFCI TYPE CIRCUIT BREAKER



65 NEWBURY STREET
PORTLAND, ME 04101
207.761.9000
info@portcityarch.com
WWW.PORTCITYARCH.COM



CONSULTANTS

Kahler Slater
experience design







Site Design Associates 23 Whitney Way Topsham, Maine 04086 207-449-4275

No.	Description	Date
À	Addendum #8	7/30/:
<u>/2\</u>	Addendum #9	8/16/
<u>3</u>	First Floor Redesign	1/09/

DOCUMENTS

UNIVERSITY OF
NEW ENGLAND
PORTLAND, MAINE

PATIENT CARE
CENTER
INTERIOR FIT-OUT

PANELBOARD SCHEDULES

Project Normber	1250
Date	January 9, 201
Drawn by	JM:
Checked by	VADj
	4 00

E4.03

LOCATION BASEMENT EMERG. CLO	DSET			ANEL	_	LSB	^								/OLTAGE 120/208V., 30-4W
MOUNTING SURFACE			R	ATING	_	200						_		TYPE	OF MAIN 200A M.L.O. 42 POLE
DESCRIPTION	V	OLTAM	IPS .	FRAME	TRIP	POLES	CK	TS	POLES	Ш	FRAME	V	OLTAM	PS	DESCRIPTION
	ØД	ØΒ	0C	民		В.			Я		民	ØΔ	ØΒ	ФС	2200
EMERGENCY LIGHTING	300			-	20	I	Ī	2	I	20	-	500			BDA SIGNAL BOOSTER
ELEVATOR MACHINE ROOM LIGHTING		500		-	20	1	3	4	1	20	-				SPARE
ELEVATOR CAB LIGHT & ACCESSORIES			1000	-	20	1	5	6	ı	20	-				SPARE
ELEVATOR PIT LIGHT	1000			-	20	I	7	8		20	-				SPARE
SPARE		•		-	20	ı	9	0	1	20	-				SPARE
SPARE				-	20	I		12		20	-				SPARE
SPARE				-	20	ı	13	14		20	-				SPARE
SPARE				-	20	1	15	16	1	20	-				SPARE
SPARE			•	-	20	1	17	18	1	20	-				SPARE
SPARE				-	20	1	19	20	1	20	-				SPARE
SPARE				-	20	1	21	22	1	20	-				SPARE
SPARE			•	-	20	ı	23	24	ı	20	-			•	SPARE
SPARE				-	20	ı	25	26		20	-				SPARE
SPARE				-	20	ı	27	28		20	-				SPARE
SPARE				-	20	ı	29	30		20	-			,	SPARE
SPARE				-	20	ı	31	32	3	60	-	1500			PANEL "LSI"
SPARE				-	20	ı	33	34	-	-	-		1500		
SPARE				-	20		35	36	-	-	-			1500	
SPARE				-	20	1	37	38	3	60	-	250			PANEL "LS2"
SPARE				-	20	1	39	40	-	-	-		250		
SPARE				-	20		41	42	-	-	-			250	

	LOCATION MAIN ELECTRIC ROOM			Р	ANEL	_	MPE	}							\	/OLTAGE <u>120/208</u> V., 30-4W
	MOUNTING SURFACE			R.	ATING	; _	2254	4					_		TYPE (OF MAIN <u>225A M.L.O.</u> 42 POL
	DESCRIPTION	V	OLTAM	PS	FRAME	TRIP	POLES	CV	(TS	POLES	TRIP PI	FRAME	V	OLTAM	PS	DESCRIPTION
	DESCRIPTION	ΔØ	ØΒ	øС	7Z	≌	S.		(10	PO		<u>₩</u>	ØΔ	ØΒ	øС	DESCRIPTION
	HP-I.I	200			-	20	2	1	2	3	20	-	1585			P-I & P-2 (STDBY)
			200		-	-	-	3	4	-	-	-		1585		
	HP-2.I			200	-	20	2	5	6	-	-	-			1585	
		200			-	-	-	7	8	3	30	-	2500			EJECTOR PUMPS
	B-I		500		-	20	ı	9	Ю	-	-	-		2500		
	B-2			500	-	20	ı	11	12	-	-	-			2500	
	BOILER CIRC. PUMP	800			-	20	3	13	14	1	20	-	500			WATER HEATER
			800		-	-	-	15	16	1	20	-		500		CIRC. PUMP
				800	-	-	-	17	18	1	20	-			500	CIRC. PUMP
	BOILER CIRC. PUMP	800			-	20	3	19	20	1	20	-	250			CUH-I
, [800		-	-	-	21	22	1	20	-		750		UN-1, UH-2 & UH-3
$\sqrt{3}$	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			800	~~	- <u>-</u>	<u>.</u>	23	24	1	20	-			500	EF-I
_{}	FPT-IO9 & FPT-IIO	1475			-	20	1	2 25	26	\rightarrow	20		1000	~~~	~~~	F-1 & FF-2
}	FPT-IOI & FPT-IO2		910		-	20	1	3 27	28	1	20	-		500		ULTRAVIOLET STERILIZER
}	FPT-107 & FPT-108			1475	-	20	1	3 29	30	1	20	-			1000	ELEVATOR SUMP PUMP
}	FPT-105 & FPT-106	1740			-	20	1	3 31	32	}	20	<u> </u>	٠		~~~	SPARE
}	FPT-103 & FPT-104		1740		-	20	1	3 33	34	1	20	-				SPARE
	SPARE	$\overline{}$	$\overline{}$	~~		20	7	35	36	1	20	-				SPARE
	SPARE				-	20	1	37	38		20	-				SPARE
	SPARE				-	20	1	39	40		20	-				SPARE
Ī	SPARE				-	20	ı	41	42	ı	20	-				SPARE

LOCATION FIRST FLOOR EMERG. MOUNTING SURFACE	CLOSE	<u></u>		'ANEL ATING	-	LSI 1007	Δ					_			/OLTAGE
DESCRIPTION	V	OLTAM	PS	FRAME	ఠ	POLES	Ck	(TS	POLES	TRIP	FRAME	V	MATJC	PS	DESCRIPTION
DEGORII HON	ØΔ	ØB	øС	5	=	8		.10	8	#	<u>₩</u>	ØΔ	ØΒ	øС	BLOOK!! HON
EMERGENCY LIGHTING	450			-	20	1		2	ı	20	1	500			STAIR LIGHTING
MED GAS MANIFOLD		500		-	20	1	3	4	ı	20	1		500		STAIR LIGHTING
SPARE				-	20	-	5	6	1	20	-			500	EXTERIOR EGRESS LIGHTING
ELEVATOR MACHINE ROOM LIGHTING	500			-	20		7	8	ı	20	-	500			FIRE ALARM CONTROL PANEL
EMERGENCY LIGHTING		1336		-	20	1	9	Ю	1	20	-		500		BI-DIRECTIONAL AMPLIFIER
EMERGENCY LIGHTING			1231	-	20	1		12	1	20	-			500	N.A.C. BOOSTER
EMERGENCY LIGHTING	530			-	20	1	13	14	1	20	-	500			BDA SIGNAL BOOSTER
SPARE		,		-	20	1	15	16	1	20	-		500		ELEVATOR PIT LIGHT
SPARE				-	20	1	17	18	1	20	-			500	ELEVATOR CAB LIGHT & ACCESSORIE
SPARE	•			-	20	1	19	20	1	20	-	,			SPARE
SPARE		,		-	20	1	21	22	1	20	-		,		SPARE
SPARE				-	20	1	23	24	ı	20	-			ı	SPARE
SPARE	ı			-	20	1	25	26	ı	20	-				SPARE
SPARE				-	20	ı	27	28	1	20	-				SPARE
SPARE				-	20	ı	29	30	1	20	-				SPARE
SPARE				-	20	ı	31	32	1	20	-				SPARE
SPARE				-	20	1	33	34	1	20	-				SPARE
SPARE			,	-	20	1	35	36	1	20	-				SPARE
SPARE				-	20	1	37	38	1	20	-				SPARE
SPARE				-	20		39	40	1	20	-				SPARE
SPARE			,	-	20	ı	41	42	ı	20	-				SPARE

RATING 100A

20 | 1 | 9 | 10 |

20 | 1 | 15 | 16 |

20 | 1 | 19 | 20 | 1

20 | 1 | 23 | 24 |

20 | 1 | 25 | 26 |

| 20 | 1 | 29 | 30 | 1

20 | 1 | 33 | 34 |

2O I 35 36

20 | 37 | 38 | 1

20 | 1 | 39 | 40 | 1

20 | 1 | 41 | 42 |

SECOND FLOOR EMERG. CLOSET

SURFACE

DESCRIPTION

EMERGENCY LIGHTING

EMERGENCY LIGHTING

EMERGENCY LIGHTING

EMERGENCY LIGHTING EMERGENCY LIGHTING

FIRE SHUTTER COIL DOORS

FIRE SHUTTER COIL DOORS

FIRE SHUTTER COIL DOORS

SPARE

SPARE SPARE

SPARE SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

MOUNTING

VOLTAGE 120/208V., 30-4W

500

TYPE OF MAIN 100A M.L.O. 42 POLE

DESCRIPTION

BDA SIGNAL BOOSTER

N.A.C. BOOSTER N.A.C. BOOSTER

ALARM PANEL

SPARE

SPARE

SPARE

SPARE SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

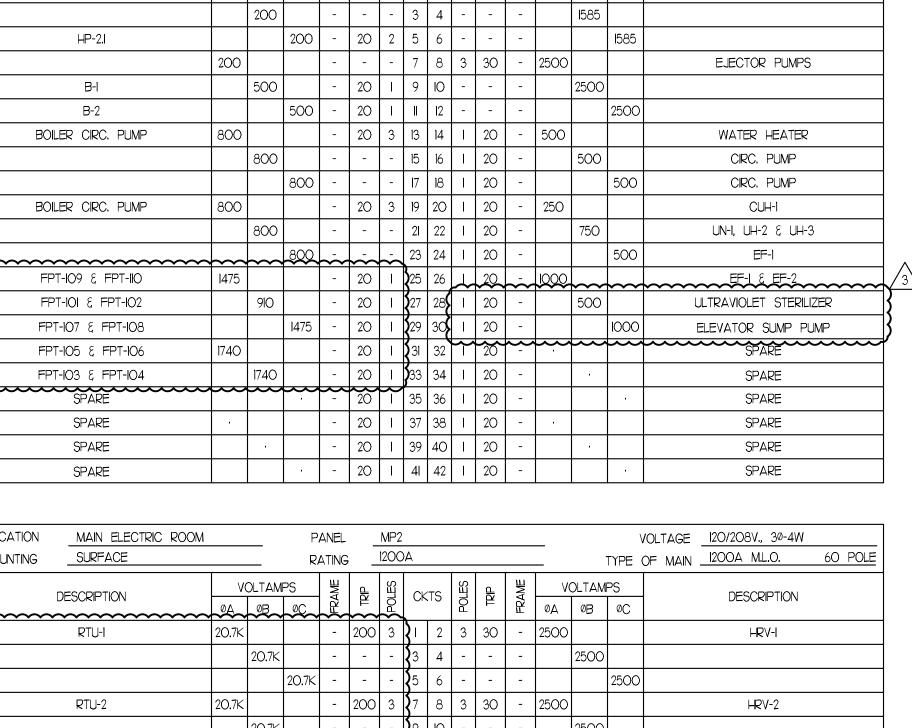
SPARE

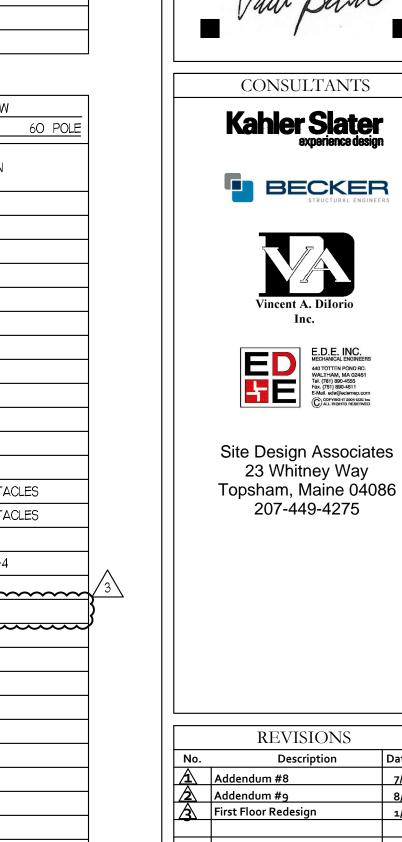
SPARE

SPARE

SPARE

LOCATION MAIN ELECTRIC RO	OOM	—		ANEL	-	MP2						_			/OLTAGE 120/208V, 30-4W
MOUNTING SURFACE	1		R	ATING	; _	120C	<u>Α</u>			ı	ı		•	TYPE (OF MAIN <u>1200A M.L.O. 60 POL</u>
DESCRIPTION	V A@	OLTAM Løb	IPS ØC	FRAME	AZ PZ	POLES	CK	TS	POLES		FRAME	VV A®	OLTAM ØB	PS	DESCRIPTION
RTU-I	20.7K			-	200	3	\ _	2	3	30	-	2500			HRV-I
		20.7K		-	-	-	3 3	4	-	-	-		2500		
			20.7K	-	-	-	\ 5	6	-	-	-			2500	
RTU-2	20.7K			-	200	3	3 7	8	3	30	-	2500			HRV-2
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RTU-3	20.7K			-	200	3	(13	14	3	30	-	2500			HRV-3
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		1650		-	-	-	27	28	1	20	-		1500		ROOFTOP RECEPTACLES
HP-x2			l65O	-	20	2	29	30	1	20	-			500	CUH-3
	1650			-	-	-	31	32	1	20	-	500			CUH-3 ξ UH-4
FPT-201 & FPT-202		1400		-	20	ı	33	34	<u> </u>	20			500		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
FPT-203 & FPT-204			1400	-	20	ı	35	36	1	20	-			600	REF-I
FPT-205 & FPT-206	1400			-	20	ı	37	38	<u>}</u>	20	~~	بب			SPARE
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	REVISIONS	
No.	Description	Date
À	Addendum #8	7/30/12
2	Addendum #9	8/16/12
<u> </u>	First Floor Redesign	1/09/13
	CONSTRUCTION)N

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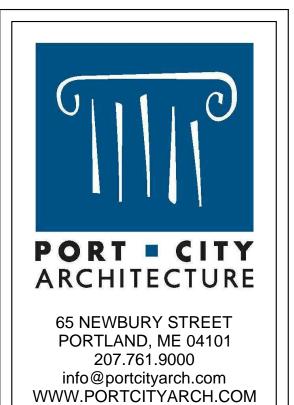
PATIENT CARE **CENTER INTERIOR FIT-OUT**

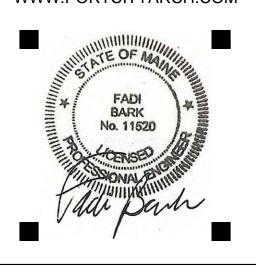
PANELBOARD

I Toject No	5111bei 125	, .
Date	January 9, 20)1
Drawn by	Ji	M:
Checked b	y VA	Dj
	$\mathbf{E4.04}$	7

LOCATION FIRST FLOOR ELEC	. CLOSET			ANEL	_	EMI									/OLTAGE <u>120/208V., 30-4W</u>
MOUNTING SURFACE			R.	ATING	_	100	<u> </u>					_		TYPE	OF MAIN <u>IOOA M.L.O.</u> 42 POLE
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LOCATION SECOND MOUNTING SURFACE) FLOOR ELEC. E	CLOSE	<u>= T</u>		ANEL ATING	_	EM2 1004						_			VOLTAGE I2O/208V., 30-4W OF MAIN IOOA ML.O. 42 POLE
DESCRIPTIC	N .	γV	OLTAM ØB	PS ØC	FRAME	TRIP	POLES	CK	(TS	POLES	TRIP	FRAME	γ	OLTAM ØB		DESCRIPTION
ENCLOSED OPERATORY	RECEPTACLES	1200			-	20	I	ı	2		20	-				SPARE
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ENCLOSED OPERATORY	RECEPTACLES	1200			-	20		19	20	1	20	-				SPARE
ENCLOSED OPERATORY	RECEPTACLES		1200		-	20		21	22		20	-				SPARE
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No.	Description	Date
À	Addendum #8	7/30/12
	Addendum #9	8/16/12
🔼	First Floor Redesign	1/09/13
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CONSTRUCTION DOCUMENTS

UNIVERSITY OF
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PORTLAND, MAINE

PATIENT CARE
CENTER
INTERIOR FIT-OUT

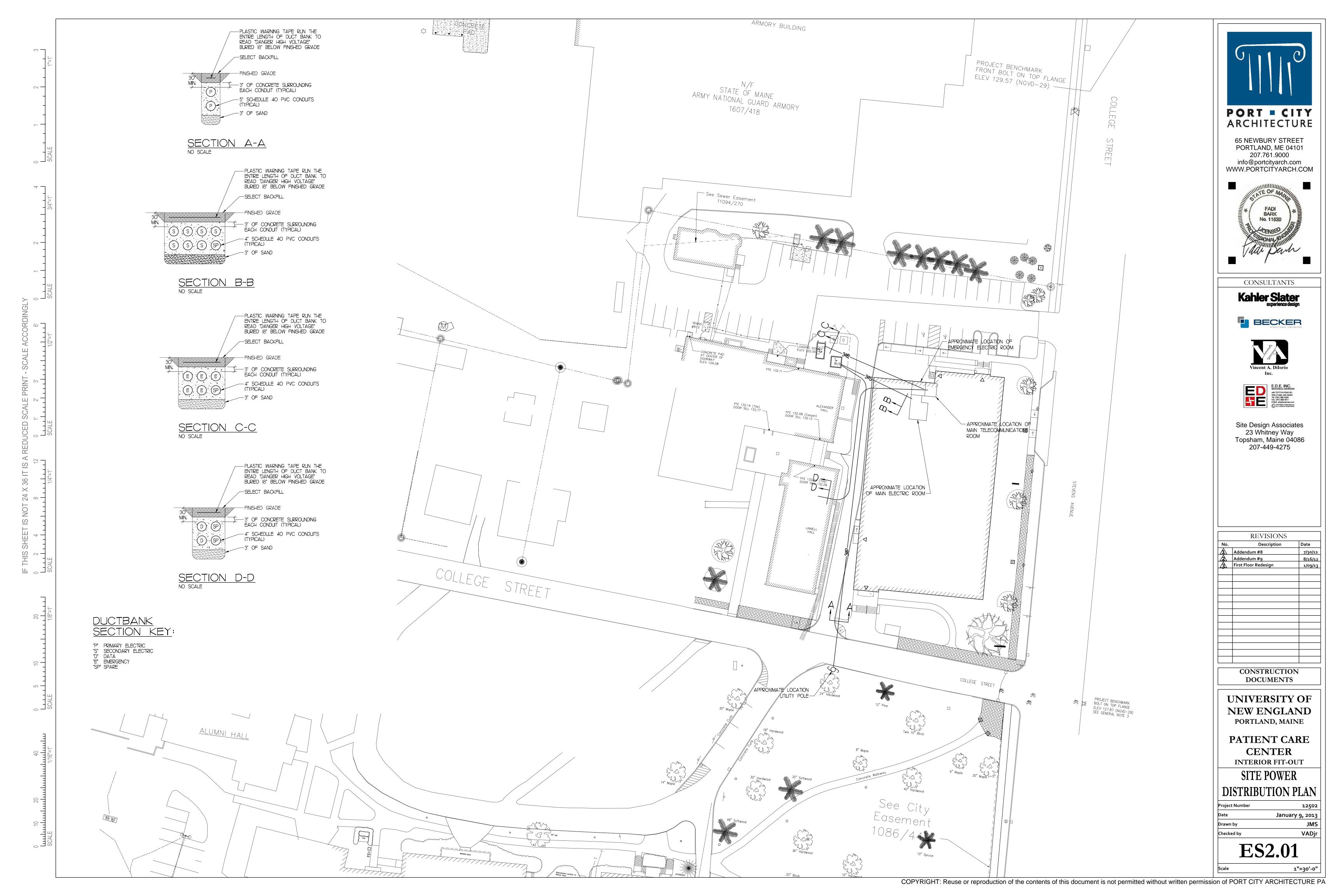
PANELBOARD SCHEDULES

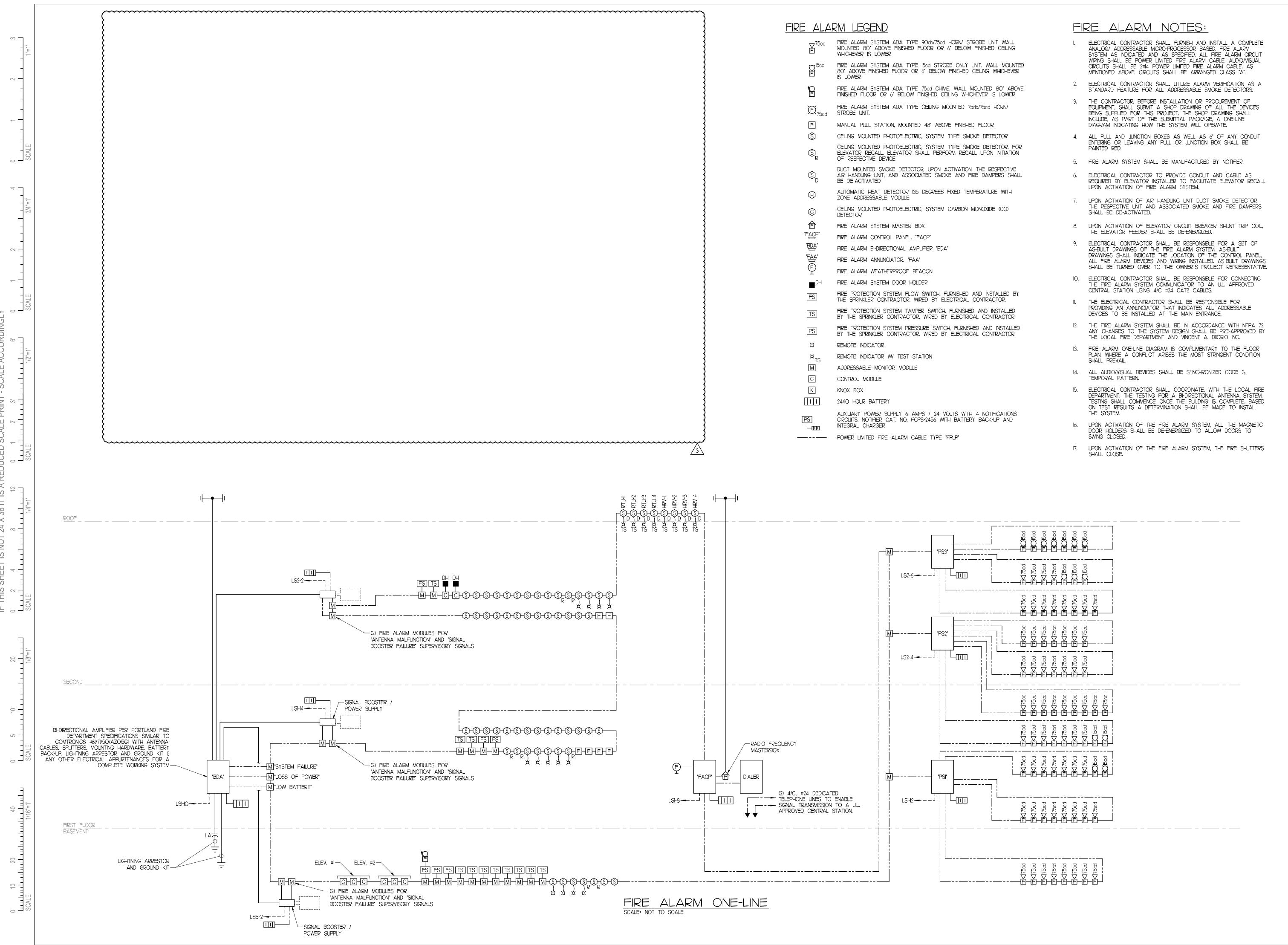
Date	January 9, 201
Drawn by	JM
Checked by	VAD



I HIS SHEEL IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY

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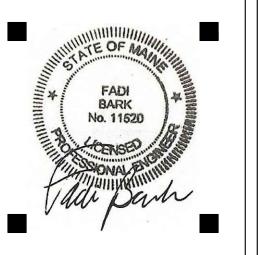






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<u> </u>	Addendum #9	8/16/12
<u>A</u>	First Floor Redesign	1/09/13
	CONSTRUCTION	1

DOCUMENTS

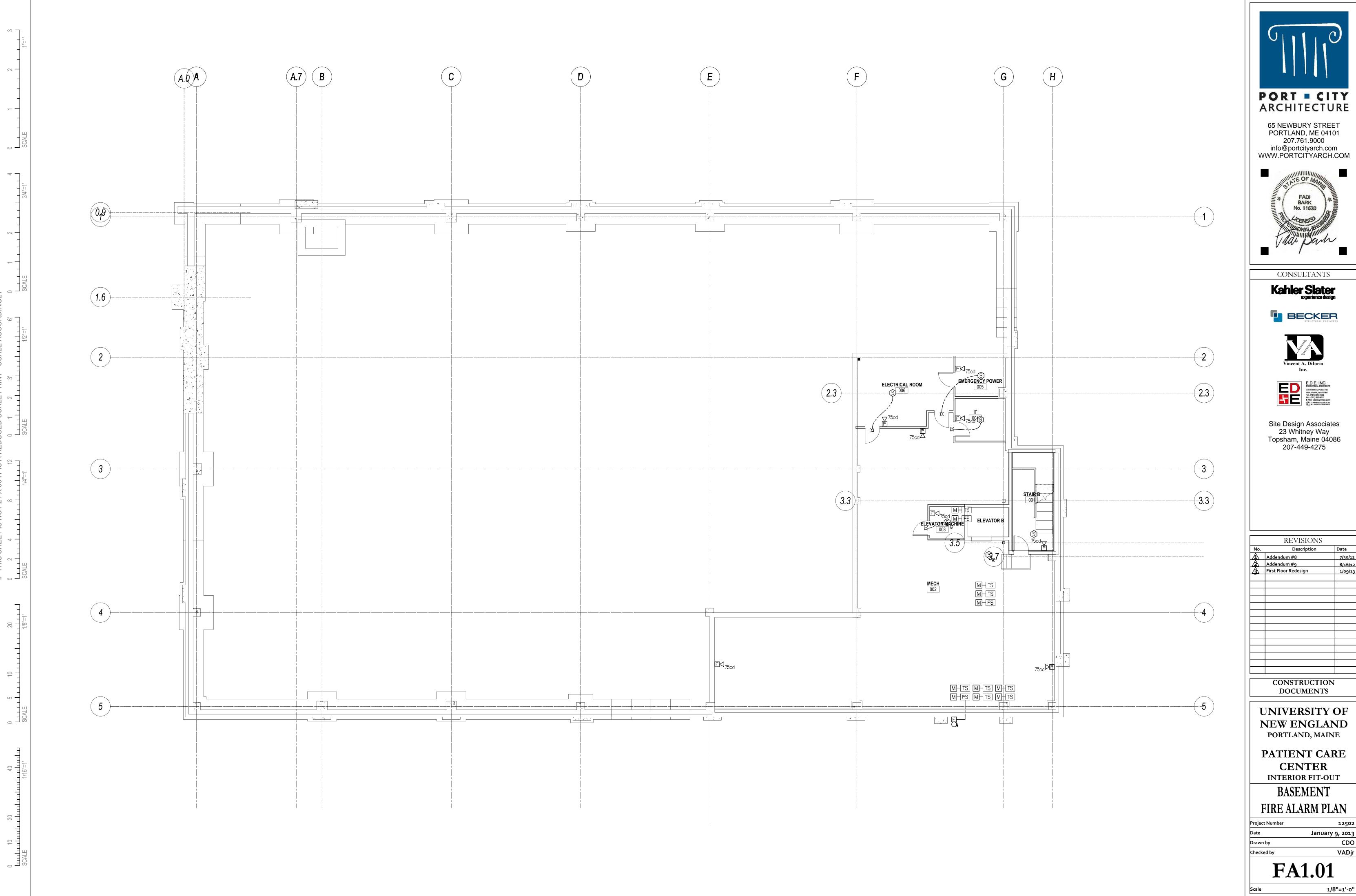
UNIVERSITY OF NEW ENGLAND PORTLAND, MAINE

PATIENT CARE
CENTER
INTERIOR FIT-OUT

FIRE ALARM
LEGEND & NOTES

Project Number	12502
Date	January 9, 2013
Drawn by	CDO
Checked by	VADjr

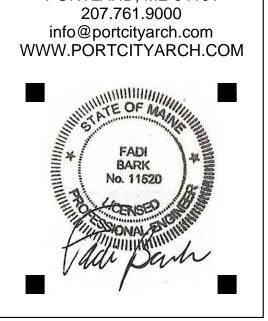
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À	Addendum #8	7/30/1
<u> </u>	Addendum #9	8/16/1
Δ	First Floor Redesign	1/09/1

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UNIVERSITY OF
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PORTLAND, MAINE

PATIENT CARE
CENTER
INTERIOR FIT-OUT

FIRST FLOOR
FIRE ALARM PLAN

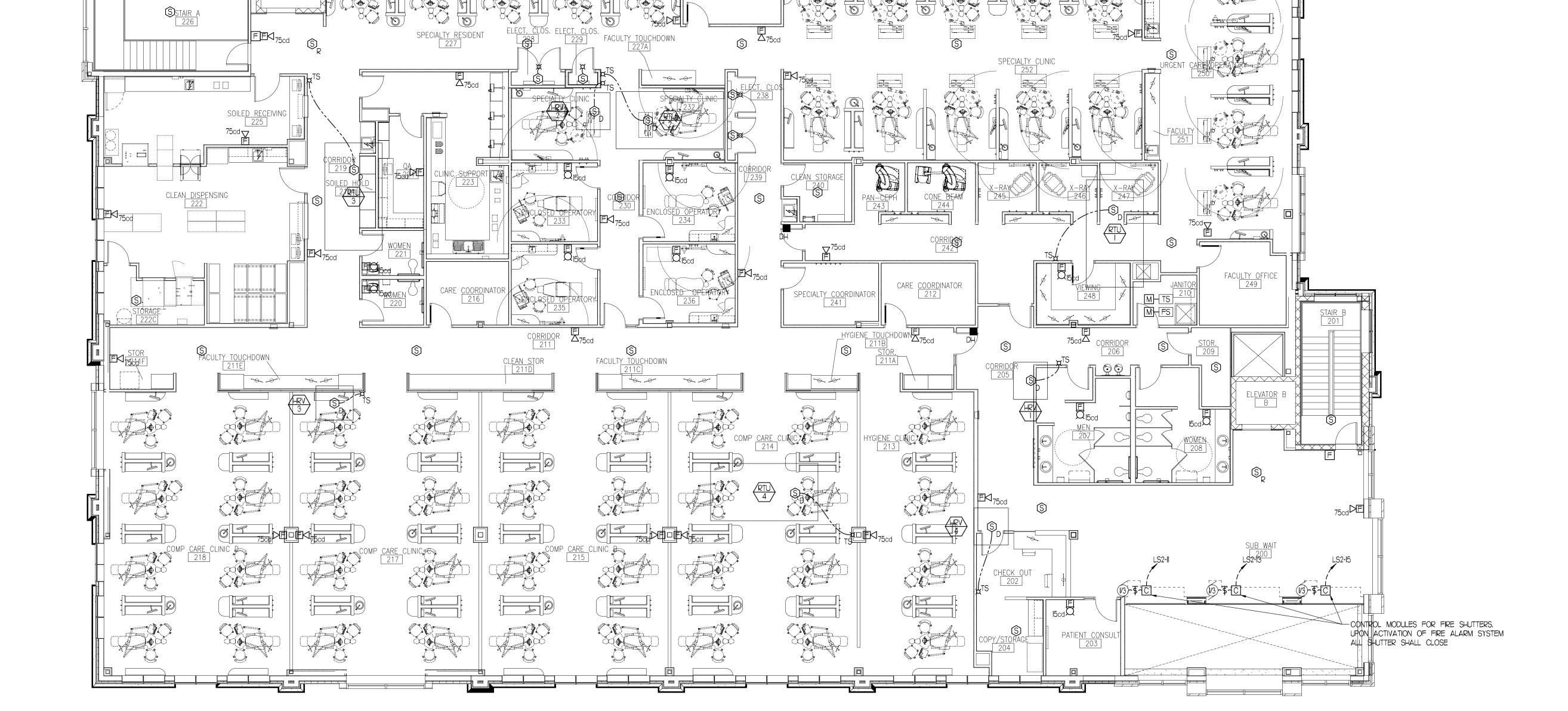
Project Number 12502

Date January 9, 2013

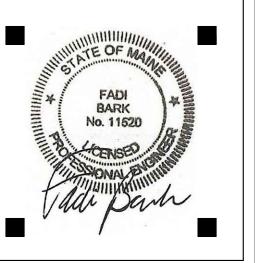
Drawn by CDO

Checked by VADjr

FA1.02







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No.	Description	Date
À	Addendum #8	7/30/12
<u> 2</u>	Addendum #9	8/16/12
<u> </u>	First Floor Redesign	1/09/13
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CONSTRUCTION DOCUMENTS

UNIVERSITY OF
NEW ENGLAND
PORTLAND, MAINE

PATIENT CARE
CENTER
INTERIOR FIT-OUT

SECOND FLOOR FIRE
ALARM PLAN

	<u>_</u>
Date	January 9, 20
Drawn by	CD
Checked by	VAD
	4 0 0

FA1.03

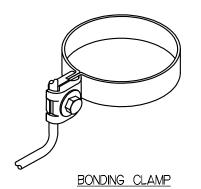
1/8"=1'-0"

LIGHTNING PROTECTION NOTES

- I. LIGHTNING PROTECTION SHALL CONFORM TO NFPA 78, U.L. 96A FOR MASTER LABEL AND THE LATEST ANSI CODE.
- 2. PERIMETER CABLE SHALL BE FASTENED TO ROOF NO GREATER THAN 3'-O' ON CENTER. ALL FASTENERS SHALL BE AN APPROVED TYPE OF NON-CORROSIVE
- 3. THE ANGLE OF ANY CABLE BEND SHALL NOT EXCEED 90° AND SHALL NOT BE LESS THAN 8" IN RADIUS TO AVOID SIDE FLASH.
- 4. LIGHTNING PROTECTION SYSTEM INSTALLER SHALL COORDINATE WATER SERVICE AND ELECTRICAL SERVICE GROUND CONNECTIONS IN FIELD.
- 5. INSTALLER SHALL COORDINATE WITH MECHANICAL EQUIPMENT AND BOND TO EACH MACHINE.
- 6. GROUND RODS SHALL BE 3/4"0 x 10 COPPER. DOWN CONDUCTORS SHALL BE COPPER. DOWN CONDUCTORS
 SHALL BE CONNECTED TO ALUMINUM MAIN
 CONDUCTORS WITH BI-METALLIC CONNECTORS AND FITTINGS. ALUMINUM COMPONENTS SHALL NOT BE USED WHERE IN DIRECT CONTACT WITH EARTH.
- 7. GROUND RODS SHALL BE PROVIDED AND CONFIGURED ACCORDING TO SITE SOIL CONDITIONS AS DESCRIBED IN NFPA-78 ARTICLES 3-13.3 THROUGH 3-13.6

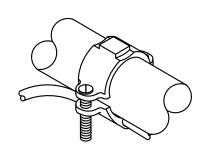
<u>LIGHTNING PROTECTION</u>

- 3/8" DIAMETER x 18" TALL COPPER AIR TERMINAL WITH STAINLESS STEEL BOLTED PRESSURE CONNECTORS AND ANCHORS FOR MOUNTING TO ROOF. AIR TERMINALS MOUNTED ON SLOPED SURFACES SHALL BE PROVIDED WITH FLEXIBLE SWIVEL ADAPTERS,
- U.L. LISTED, CAST BRONZE BONDING PLATE. WITH BOLT PRESSURE TYPE CONNECTOR.
 - #2/O STRANDED COPPER CONDUCTOR, A PERIMETER CABLE SHALL BE INSTALLED AROUND THE ENTIRE BUILDING, CABLE SHALL BE RUN EXPOSED.
- CADWELD CONNECTION
- DOWN CONDUCTOR
- GROUND TERMINAL SHALL BE A 3/4" DIAMETER COPPER GROUND ROD AND DRIVEN TO A MINIMUM DEPTH OF 10'-0" OR MORE IF NECESSARY TO REACH PERMANENT MOISTURE.

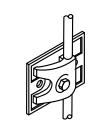


PARAPET MOUNTED AIR

TERMINAL DETAIL SCALE: NOT TO SCALE

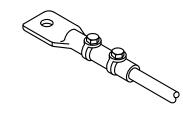


PIPE BONDING CLAMP





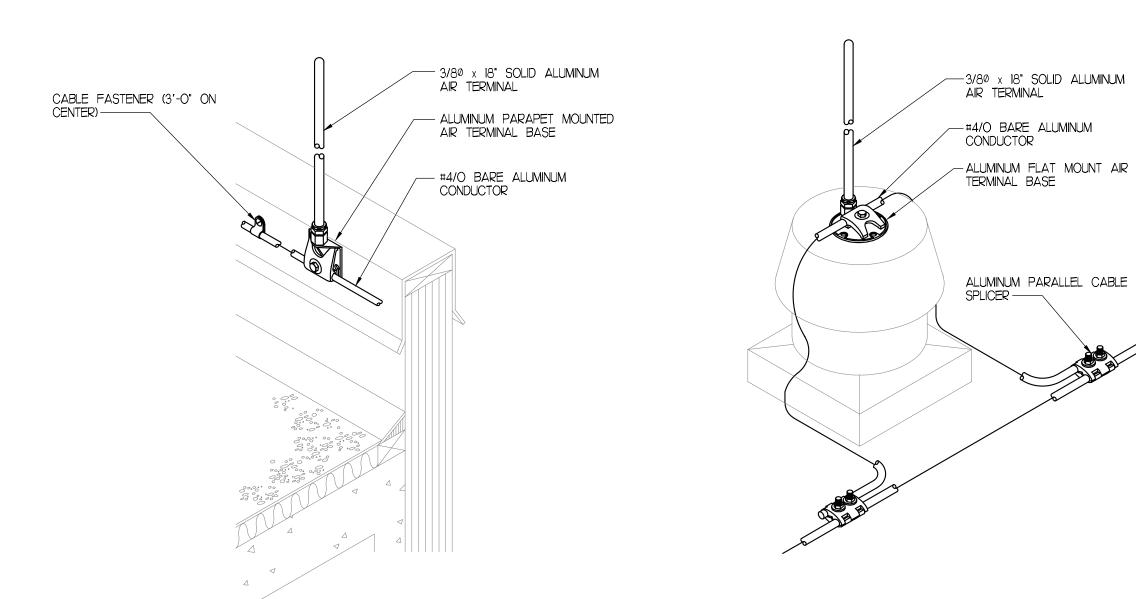
PARALELL SPLICER

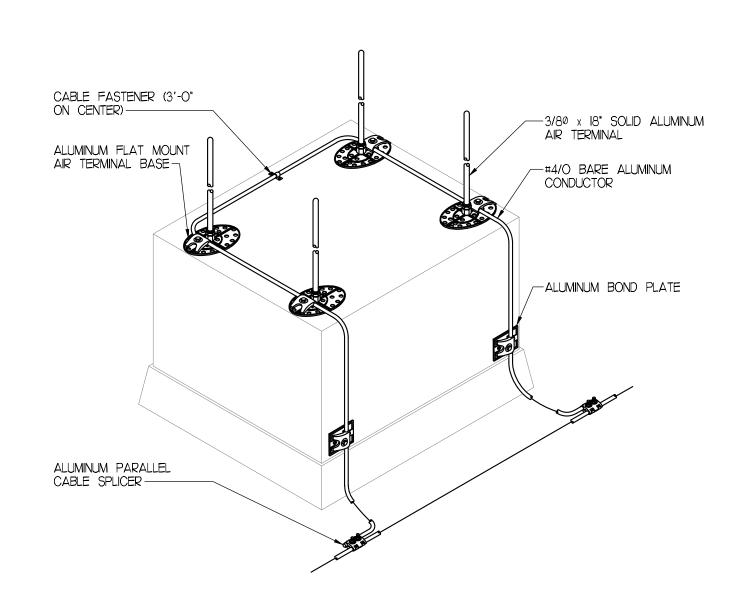


BONDING LUG

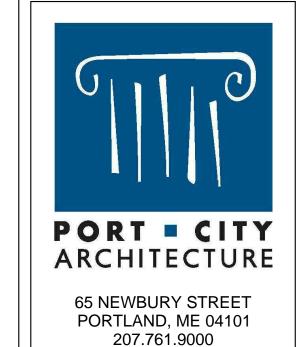
SPLICING AND BONDING DETAILS SCALE: NOT TO SCALE

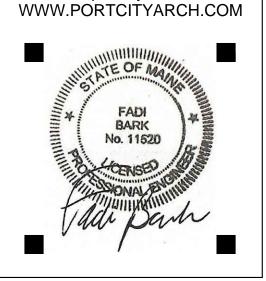
BONDING PLATE



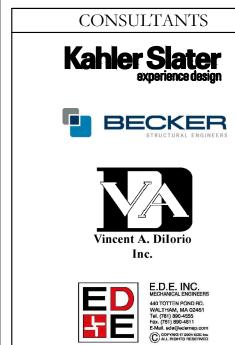


ROOF TOP UNIT DETAIL SCALE: NOT TO SCALE





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À	Addendum #8	7/30/12
<u> </u>	Addendum #9	8/16/1
A	First Floor Redesign	1/09/1

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CONSTRUCTION **DOCUMENTS**

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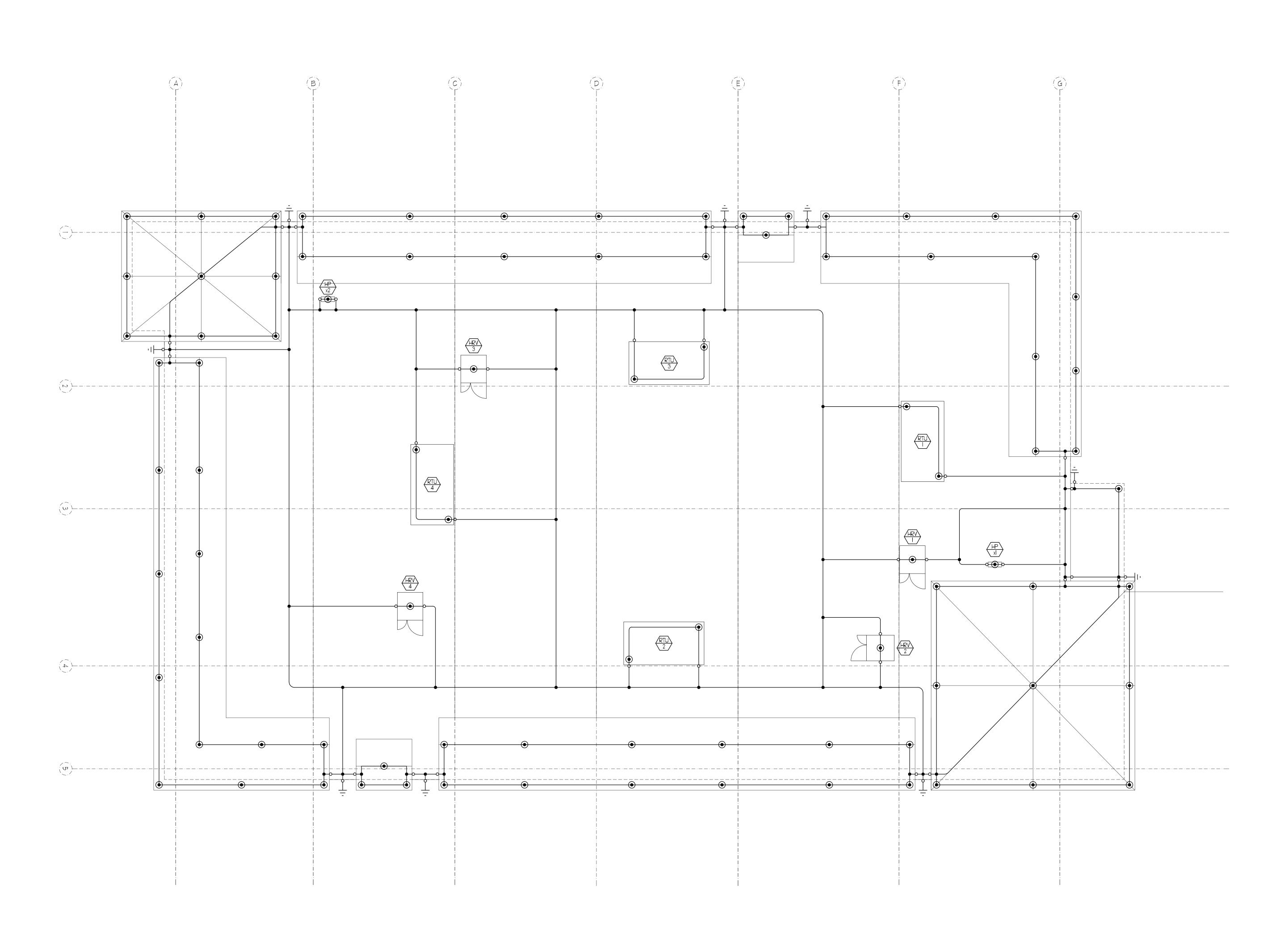
PATIENT CARE **CENTER**

INTERIOR FIT-OUT LIGHTNING PROTECTION NOTES & DETAILS

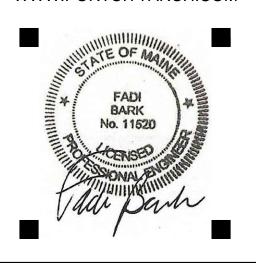
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LP1.01 **NOT TO SCALE**

EXHAUST FAN DETAIL SCALE: NOT TO SCALE







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CONSTRUCTION DOCUMENTS

UNIVERSITY OF
NEW ENGLAND
PORTLAND, MAINE

PATIENT CARE
CENTER
INTERIOR FIT-OUT

ROOF LIGHTNING PROTECTION PLAN

Date January 9, 2013

Drawn by CDO

Checked by VADjr

LP1.02