IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY

PANEL: PL-2 — **LOCATION:** SECOND & THIRD FLOOR
MAIN: 200A MCB — **AIC:** 10K
VOLT/PHASE: 208/120V,3PH,4W — **COMMENTS:**
MOUNTING: SURFACE

CKT	CIRCUIT BREAKER AMP	POLES	LOAD DESCRIPTION	LTG KVA	REC KVA	MISC KVA	A	B	C	MISC KVA	REC KVA	LTG KVA	LOAD DESCRIPTION	CIRCUIT BREAKER AMP	POLES	CKT
1	20	1	207,237,239,243		1.2		2.4				1.2		315,319,320	20	1	2
3	20	1	207,237,239,243		1.2			2.4			1.2		315,319,320	20	1	4
5	20	1	233,234,235		1.2				2.4		1.2		310,312,314	20	1	6
7	20	1	233,234,235		1.2		2.4				1.2		310,312,314,315	20	1	8
9	20	1	228,231,232		1.2			2.4			1.2		305,308,310	20	1	10
11	20	1	228,231,232		1.2				2.2		1.0		304,305,308,	20	1	12
13	20	1	200,225,226		0.8		2.3			1.5			304 VENDING MACHINE	20	1	14
15	20	1	200,210,211		0.8			2.3		1.5			304 VENDING MACHINE	20	1	16
17	20	1	200,210,211		0.8				1.4		0.6		304	20	1	18
19	20	1	200,210,211		1.0		2.5			1.5			304 COFFEE URN	20	1	20
21	20	1	236		0.4			1.6			1.2		303,337	20	1	22
23	20	1	201,213,238,240		1.0				2.0		1.0		335,336	20	1	24
25	20	1	200,214,215,242		1.0		2.5			1.5			306 COPIER	20	1	26
27	20	1	215,215,242		1.2			1.8			0.6		306,307	20	1	28
29	20	1	218,219,220		1.2				2.0		0.8		338	20	1	30
31	20	1	200,218-221		1.2		1.6				0.4		334	20	1	32
33	20	1	216 COPIER		0.5			1.5			1.0		338,339	20	1	34
35	20	1	216 COPIER		0.5				0.7		0.2		340 STEAM CONTROL	20	1	36
37	20	1	217,202,221-223		1.2		1.4				0.2		340 STEAM STERILIZER	20	3	38
39	20	1	216		0.8			1.0			0.2		340 STEAM STERILIZER	20		40
41	20	1	202,203,217		1.2				1.4		0.2		340 STEAM STERILIZER	20		42
43	20	1	203 SCREEN			0.5	1.5				1.0		300,311,313	20	1	44
45	20	1	221,222,223		1.0			2.0			1.0		300,303	20	1	46
47	20	1	203 OVHD PROJECTOR		0.2				1.4		1.2		309,330,340,343	20	1	48
49	20	1	203		0.6		2.1			1.5			300 WATER FOUNTAIN	20	1	50
51	20	1	203		0.6			1.6			1.0		332	20	1	52
53	20	1	203		0.6				1.8		1.2		321,322,324	20	1	54
55	20	1	203		0.8		2.0				1.2		321,322,324,326	20	1	56
57	20	1	203,224		1.2			2.2			1.0		326,328	20	1	58
59	20	1	205		0.8				2.0		1.2		325,343	20	1	60
61	20	1	205,206		1.2		2.7			1.5			WATER FOUNTAIN	20	1	62
63	20	1	205,208,209		0.8			1.6			0.8		401 ATTIC	20	1	64
65	20	1	208,209		1.2				1.7	0.5			401 ATTIC (UH'S)	20	1	66
67	20	1	205		0.8		0.8						E. EXIT OVHD LIGHT	20	1	68
69	20	1	205		1.0			1.1				0.1	200 LED LIGHT STRIPS	20	1	70
71	20	1	203,204		1.2				1.7	0.5			H2	20	1	72
73	20	1	200,216		0.8		1.3			0.5			H3	20	1	74
75	20	1	200,204,224		1.0			1.1		0.1			ROOF OUTLETS	20	1	76
77	20	1	200 FCU-12			0.2			0.2				SPARE	20	1	78
79	20	1	216 FCU-11			0.2	0.2						SPARE	20	1	80
81	20	1	229 COFFEE URN		1.0			1.0					SPARE	20	1	82
83	20	1	229		0.4				0.4				SPARE	20	1	84
							25.7	23.6	21.3							

CONNECTED LOAD (KVA): 20.8 — 6.0 13.4
DEMAND LOAD (KVA): 15.4 — 4.8 11.7

TOTAL CONNECTED LOAD (KV/ 40.2 — CONNECTED LOAD (A): 111.7
TOTAL DEMAND LOAD (KVA): 31.9 — DEMAND LOAD (A): 88.6

PANEL: LAB-2 — **LOCATION:** ENTRY 309
MAIN: 100A MCB — **AIC:** 10K
VOLT/PHASE: 208/120V,3PH,4W — **COMMENTS:**
MOUNTING: RECESSED

CKT	CIRCUIT BREAKER AMP	POLES	LOAD DESCRIPTION	LTG KVA	REC KVA	MISC KVA	A	B	C	MISC KVA	REC KVA	LTG KVA	LOAD DESCRIPTION	CIRCUIT BREAKER AMP	POLES	CKT
1	20	1	327 LAB-2		0.2		0.4				0.2		327 LAB-2	20	1	2
3	20	1	327 LAB-2		0.5			1			0.5		327 LAB-2	20	1	4
5	20	1	327 LAB-2		0.4				0.8		0.4		327 LAB-2	20	1	6
7	20	1	327 LAB-2		0.2		0.4				0.2		327 LAB-2	20	1	8
9	20	1	327 LAB-2		0.2			0.4			0.2		327 LAB-2	20	1	10
11	20	1	327 LAB-2		0.5				1		0.5		327 LAB-2	20	1	12
13	20	1	327 LAB-2		0.4		0.8				0.4		327 LAB-2	20	1	14
15	20	1	327 LAB-2		0.2			0.4			0.2		327 LAB-2	20	1	16
17	20	1	327 LAB-2		0.2				0.4		0.2		UC DISHWASHER	20	3	18
19	20	1	SPARE				0.2				0.2		--	-	-	20
21	20	1	SPARE					0.2			0.2		--	-	-	22
23	20	1	SPARE										SPARE	20	1	24
25	20	1	SPARE										SPARE	20	1	26
27	20	1	SPARE										SPARE	20	1	28
29																30
31																32
33																34
35																36
37																38
39																40
41																42
							1.8	2.0	2.2							

CONNECTED LOAD (KVA): 2.8 — 3.2
DEMAND LOAD (KVA): 2.8 — 3.2

TOTAL CONNECTED LOAD (KV/ 6.0 — CONNECTED LOAD (A): 16.7
TOTAL DEMAND LOAD (KVA): 6.0 — DEMAND LOAD (A): 16.7

PANEL: LAB-5 — **LOCATION:** ENTRY 323
MAIN: 100A MCB — **AIC:** 10K
VOLT/PHASE: 208/120V,3PH,4W — **COMMENTS:**
MOUNTING: RECESSED

CKT	CIRCUIT BREAKER AMP	POLES	LOAD DESCRIPTION	LTG KVA	REC KVA	MISC KVA	A	B	C	MISC KVA	REC KVA	LTG KVA	LOAD DESCRIPTION	CIRCUIT BREAKER AMP	POLES	CKT
1	20	1	327 LAB-5		0.2		0.4				0.2		327 LAB-5	20	1	2
3	20	1	327 LAB-5		0.5			1			0.5		327 LAB-5	20	1	4
5	20	1	327 LAB-5		0.4				0.8		0.4		327 LAB-5	20	1	6
7	20	1	327 LAB-5		0.2		0.4				0.2		327 LAB-5	20	1	8
9	20	1	327 LAB-5		0.2			0.4			0.2		327 LAB-5	20	1	10
11	20	1	327 LAB-5		0.5				1		0.5		327 LAB-5	20	1	12
13	20	1	327 LAB-5		0.4		0.8				0.4		327 LAB-5	20	1	14
15	20	1	327 LAB-5		0.2			0.4			0.2		327 LAB-5	20	1	16
17	20	1	327 LAB-5		0.2				0.4		0.2		UC DISHWASHER	20	3	18
19	20	1	SPARE				0.2				0.2		--	-	-	20
21	20	1	SPARE					0.2			0.2		--	-	-	22
23	20	1	SPARE										SPARE	20	1	24
25	20	1	SPARE										SPARE	20	1	26
27	20	1	SPARE										SPARE	20	1	28
29																30
31																32
33																34
35																36
37																38
39																40
41																42
							1.8	2.0	2.2							

CONNECTED LOAD (KVA): 2.8 — 3.2
DEMAND LOAD (KVA): 2.8 — 3.2

TOTAL CONNECTED LOAD (KV/ 6.0 — CONNECTED LOAD (A): 16.7
TOTAL DEMAND LOAD (KVA): 6.0 — DEMAND LOAD (A): 16.7

PANEL: LAB-3 — **LOCATION:** ENTRY 309
MAIN: 100A MCB — **AIC:** 10K
VOLT/PHASE: 208/120V,3PH,4W — **COMMENTS:**
MOUNTING: RECESSED

CKT	CIRCUIT BREAKER AMP	POLES	LOAD DESCRIPTION	LTG KVA	REC KVA	MISC KVA	A	B	C	MISC KVA	REC KVA	LTG KVA	LOAD DESCRIPTION	CIRCUIT BREAKER AMP	POLES	CKT
1	20	1	327 LAB-3		0.2		0.4				0.2		327 LAB-3	20	1	2
3	20	1	327 LAB-3		0.5			1			0.5		327 LAB-3	20	1	4
5	20	1	327 LAB-3		0.4				0.8		0.4		327 LAB-3	20	1	6
7	20	1	327 LAB-3		0.2		0.4				0.2		327 LAB-3	20	1	8
9	20	1	327 LAB-3		0.2			0.4			0.2		327 LAB-3	20	1	10
11	20	1	327 LAB-3		0.5				1		0.5		327 LAB-3	20	1	12
13	20	1	327 LAB-3		0.4		0.8				0.4		327 LAB-3	20	1	14
15	20	1	327 LAB-3		0.2			0.4			0.2		327 LAB-3	20	1	16
17	20	1	327 LAB-3		0.2				0.4		0.2		UC DISHWASHER	20	3	18
19	20	1	SPARE				0.2				0.2		--	-	-	20
21	20	1	SPARE					0.2			0.2		--	-	-	22
23	20	1	SPARE										SPARE	20	1	24
25	20	1	SPARE										SPARE	20	1	26
27	20	1	SPARE										SPARE	20	1	28
29																30
31																32
33																34
35																36
37																38
39																40
41																42
							1.8	2.0	2.2							

CONNECTED LOAD (KVA): 2.8 — 3.2
DEMAND LOAD (KVA): 2.8 — 3.2

TOTAL CONNECTED LOAD (KV/ 6.0 — CONNECTED LOAD (A): 16.7
TOTAL DEMAND LOAD (KVA): 6.0 — DEMAND LOAD (A): 16.7

PANEL: LAB-6 — **LOCATION:** ENTRY 323
MAIN: 100A MCB — **AIC:** 10K
VOLT/PHASE: 208/120V,3PH,4W — **COMMENTS:**
MOUNTING: RECESSED

CKT	CIRCUIT BREAKER AMP	POLES	LOAD DESCRIPTION	LTG KVA	REC KVA	MISC KVA	A	B	C	MISC KVA	REC KVA	LTG KVA	LOAD DESCRIPTION	CIRCUIT BREAKER AMP	POLES	CKT
1	20	1	327 LAB-6		0.2		0.4				0.2		327 LAB-6	20	1	2
3	20	1	327 LAB-6		0.5			1			0.5		327 LAB-6	20	1	4
5	20	1	327 LAB-6		0.4				0.8		0.4		327 LAB-6	20	1	6
7	20	1	327 LAB-6		0.2		0.4				0.2		327 LAB-6	20	1	8
9	20	1	327 LAB-6		0.2			0.6			0.4		327 LAB-6	20	1	10
11	20	1	327 LAB-6		0.5				0.9		0.4		327 LAB-6	20	1	12
13	20	1	327 LAB-6		0.4		0.4						SPARE	20	1	14
15	20	1	327 LAB-6		0.2			0.2					SPARE	20	1	16
17	20	1	327 LAB-6		0.2				0.4		0.2		UC DISHWASHER	20	3	18
19	20	1	SPARE				0.2				0.2		--	-	-	20
21	20	1	SPARE					0.2			0.2		--	-	-	22
23	20	1	SPARE										SPARE	20	1	24
25	20	1	SPARE										SPARE	20	1	26
27	20	1	SPARE										SPARE	20	1	28
29																30
31																32
33																34
35																36
37																38
39																40
41																42
							1.4	2.0	2.1							

CONNECTED LOAD (KVA): 2.8 — 2.7
DEMAND LOAD (KVA): 2.8 — 2.7

TOTAL CONNECTED LOAD (KV/ 5.5 — CONNECTED LOAD (A): 15.3
TOTAL DEMAND LOAD (KVA): 5.5 — DEMAND LOAD (A): 15.3

PANEL: LAB-1 — **LOCATION:** ENTRY 302
MAIN: 100A MCB — **AIC:** 10K
VOLT/PHASE: 208/120V,3PH,4W — **COMMENTS:**
MOUNTING: RECESSED

CKT	CIRCUIT BREAKER AMP	POLES	LOAD DESCRIPTION	LTG KVA	REC KVA	MISC KVA	A	B	C	MISC KVA	REC KVA	LTG KVA	LOAD DESCRIPTION	CIRCUIT BREAKER AMP	POLES	CKT
1	20	1	327 LAB-1		0.2						0.2		327 LAB-1	20	1	2
3	20	1	327 LAB-1		0.4						0.5		327 LAB-1	20	1	4
5	20	1	SPARE								0.4		327 LAB-1	20	1	6
7	20	1	SPARE								0.2		327 LAB-1	20	1	8
9	20	1	327 LAB-1		0.2						0.2		327 LAB-1	20	1	10
11	20	1	327 LAB-1		0.5						0.5		327 LAB-1	20	1	12
13	20	1	327 LAB-1		0.4						0.4		327 LAB-1	20	1	14
15	20	1	327 LAB-1		0.2						0.2		327 LAB-1	20	1	16
17	20	1	327 LAB-1		0.2						0.2		UC DISHWASHER	20	3	18
19	20	1	SPARE								0.2		–	-	-	20
21	20	1	SPARE								0.2		–	-	-	22
23	20	1	SPARE										SPARE	20	1	24
25	20	1	SPARE										SPARE	20	1	26
27	20	1	SPARE										SPARE	20	1	28
29																30
31																32
33																34
35																36
37																38
39																40
41																42
							1.6	1.9	1.8							

CONNECTED LOAD (KVA): 2.1 — 3.2
DEMAND LOAD (KVA): 2.1 — 3.2

TOTAL CONNECTED LOAD (KV/ 5.3 — CONNECTED LOAD (A): 14.7
TOTAL DEMAND LOAD (KVA): 5.3 — DEMAND LOAD (A): 14.7

PANEL: LAB-3 — **LOCATION:** ENTRY 309
MAIN: 100A MCB — **AIC:** 10K
VOLT/PHASE: 208/120V,3PH,4W — **COMMENTS:**
MOUNTING: RECESSED

CKT	CIRCUIT BREAKER AMP	POLES	LOAD DESCRIPTION	LTG KVA	REC KVA	MISC KVA	A	B	C	MISC KVA	REC KVA	LTG KVA	LOAD DESCRIPTION	CIRCUIT BREAKER AMP	POLES	CKT
1	20	1	327 LAB-3		0.2		0.4				0.2		327 LAB-3	20	1	2
3	20	1	327 LAB-3		0.5			1			0.5		327 LAB-3	20	1	4
5	20	1	327 LAB-3		0.4				0.8		0.4		327 LAB-3	20	1	6
7	20	1	327 LAB-3		0.2		0.4				0.2		327 LAB-3	20	1	8
9	20	1	327 LAB-3		0.2			0.4			0.2		327 LAB-3	20	1	10
11	20	1	327 LAB-3		0.5				1		0.5		327 LAB-3	20	1	12
13	20	1	327 LAB-3		0.4		0.8				0.4		327 LAB-3	20	1	14
15	20	1	327 LAB-3		0.2			0.4			0.2		327 LAB-3	20	1	16
17	20	1	327 LAB-3		0.2				0.4		0.2		UC DISHWASHER	20	3	18
19	20	1	SPARE				0.2				0.2		--	-	-	20
21	20	1	SPARE					0.2			0.2		--	-	-	22
23	20	1	SPARE										SPARE	20	1	24
25	20	1	SPARE										SPARE	20	1	26
27	20	1	SPARE										SPARE	20	1	28
29																30
31																32
33																34
35																36
37																38
39																40
41																42
							1.8	2.0	2.2							

CONNECTED LOAD (KVA): 2.8 — 3.2
DEMAND LOAD (KVA): 2.8 — 3.2

TOTAL CONNECTED LOAD (KV/ 6.0 — CONNECTED LOAD (A): 16.7
TOTAL DEMAND LOAD (KVA): 6.0 — DEMAND LOAD (A): 16.7

PANEL: EMDPH-1 — **LOCATION:** ELEC II 018
MAIN: 100A MCB — **AIC:** 22K
VOLT/PHASE: 480/277V,3PH,4W — **COMMENTS:**
MOUNTING: SURFACE

CKT	CIRCUIT BREAKER AMP	POLES	LOAD DESCRIPTION	LTG KVA	REC KVA	MISC KVA	A	B	C	MISC KVA	REC KVA	LTG KVA	LOAD DESCRIPTION	CIRCUIT BREAKER AMP	POLES	CKT
1	50	3	EMLH-2			1.9	3.8			1.9			EMLH-1	50	3	2
3	-	-	-			1.0		2.3		1.3			-	-	-	4
5	-	-	-						0.3	0.3			-	-	-	6
7	100	3	SPARE				5.8			5.8			EMPL-1	50	3	8
9	-	-	-					2.3		2.3			-	-	-	10
11	-	-	-						1.1	1.1			-	-	-	12
13	100	3	SPARE										SPARE	100	3	14
15	-	-	-										-	-	-	16
17	-	-	-										-	-	-	18
19	100	3	SPARE										SPARE	100	3	20
21	-	-	-										-	-	-	22
23	-	-	-										-	-	-	24
25																26
27																28
29																30
31																32
33																34
35																36
37																38
39																40
41																42
							9.6	4.6	1.4							

CONNECTED LOAD (KVA): 2.9 — 12.7
DEMAND LOAD (KVA): 2.3 — 10.2

TOTAL CONNECTED LOAD (KV/ 15.6 — CONNECTED LOAD (A): 18.8
TOTAL DEMAND LOAD (KVA): 12.5 — DEMAND LOAD (A): 15.0

PORT CITY
ARCHITECTURE

65 NEWBURY STREET
PORTLAND, ME 04101
207.761.9000
fax: 207.761.2010
lita@portcityarch.com

VANZELM
ENGINEERS
VANZELM HEYWOOD & SHADFORD, INC.
10 TALCOTT NOTCH FARMINGTON, CT 06032
TEL: (860) 284-5064 FAX: (860) 284-5098
PROJECT NO.: 2007120.00

BECKER
structural engineers, inc.

SYTDesign
CONSULTANTS
CIVIL ENGINEERING & LANDSCAPE ARCHITECTURE

ALLIED/COOK
CONSTRUCTION

Favreau
ELECTRIC

Titan Mechanical, Inc.
Design Build Engineering - Mechanical Contracting

UNIVERSITY OF NEW ENGLAND

COLLEGE OF PHARMACY

716 STEVENS AVENUE,
PORTLAND, ME

#	DATE	DESCRIPTION
		BID SET

Date Issued 02/08/08
Project Number 06506

SHEET NAME
ELECTRICAL
SCHEDULES

Drawn By AMM
Checked By MER

E4.2

BID SET - NOT FOR CONSTRUCTION

COPYRIGHT: Reuse or reproduction of the contents of this document is not permitted without written permission of PORT CITY ARCHITECTURE PA