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CONFORMED SET

01 JUL 2016

2 ADDENDUM 2-2 19 APRIL 2016
1 ADDENDUM 2-1 17 MAR 2016
- ISSUED FOR CONSTRUCTION (BP2) 01 MAR 2016

No.	Description	Date
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Drawing Title:

PANEL SCHEDULES

Project No.: 04561.01

Checked by:

E0505

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Panel: 2LL4

Location: CORR-1 C280-1
Supply From: SB-2
Mounting: S
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Main Type: MCB
Mains Rating: 225 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Science Classroom 276 - Surface Raceway	20 A	1	360	360			1	20 A Microscopy Room 274 - Surface Raceway	2
3	Science Classroom 276 - Surface Raceway	20 A	1		360	360		1	20 A Microscopy Room 274 - Surface Raceway	4
5	Science Classroom 276 - Fume Hood	20 A	1			180	360	1	20 A Microscopy Room 274 - Surface Raceway	6
7	Science Classroom 276 - Surface Raceway	20 A	1	360	360			1	20 A Microscopy Room 274 - Surface Raceway	8
9	Science Classroom 276 - Surface Raceway	20 A	1		360	180		1	20 A Microscopy Room 274 - Surface Raceway	10
11	Science Classroom 276 - Surface Raceway	20 A	1			180	540	1	20 A Lab Storage 272B - Surface Raceway	12
13	Science Classroom 276 - Teacher	20 A	1	720	360			1	20 A Lab Storage 272B - Surface Raceway	14
15	Science Classroom 276 - Projector	20 A	1		500	540		1	20 A Lab Stor 272B / Chem Stock Rm 272A - ...	16
17	Science Classroom 276 - A/V Cabinet	20 A	1			360	0	1	20 A Spare	18
19	Science Classroom 276 - Desk	20 A	1	360	0			1	20 A Spare	20
21	Science Classroom 276 - Desk	20 A	1		360	0		1	20 A Spare	22
23	Science Classroom 276 - Desk	20 A	1			360	0	1	20 A Spare	24
25	Science Classroom 276 - Desk	20 A	1	360	0			1	20 A Spare	26
27	Science Classroom 276 - Desk	20 A	1		360	0		1	20 A Spare	28
29	Science Classroom 276 - Desk	20 A	1			360	0	1	20 A Spare	30
31	Science Classroom 276 - Shades	20 A	1	540	0			1	20 A Spare	32
33	Science Classroom 276 - Plant Growth lamp	20 A	1		180	0		1	20 A Spare	34
35	Spare	20 A	1			0	0	1	20 A Spare	36
37	Spare	20 A	1	0	0			1	20 A Spare	38
39	Spare	20 A	1		0	0		1	20 A Spare	40
41	Spare	20 A	1			0	0	1	20 A Spare	42
Total Load:				3780 VA	3200 VA	2340 VA				
Total Amps:				33 A	28 A	20 A				

Notes:

Panel: 2LL3

Location: CORR-2 C280-2
Supply From: SB-2
Mounting: S
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Main Type: MCB/SFL
Mains Rating: 225 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Physics Lab 284 - Surface Raceway	20 A	1	540	360			1	20 A Phys Research Lab 282 - Surface Raceway	2
3	Physics Lab 284 - Surface Raceway	20 A	1		540	360		1	20 A Phys Research Lab 282 - Surface Raceway	4
5	Physics Lab 284 - Surface Raceway	20 A	1			540	360	1	20 A Phys Research Lab 282 - Surface Raceway	6
7	Physics Lab 284 - Surface Raceway	20 A	1	540	360			1	20 A Phys Research Lab 282 - Surface Raceway	8
9	Physics Lab 284 - Surface Raceway	20 A	1		540	180		1	20 A Phys Research Lab 282 - Surface Raceway	10
11	Physics Lab 284 - Surface Raceway	20 A	1			360	360	1	20 A Phys Lab Prep 282 - Surface Raceway	12
13	Physics Lab 284 - Teacher	20 A	1	720	360			1	20 A Phys Lab Prep 282 - Surface Raceway	14
15	Physics Lab 284 - Projector	20 A	1		500	360		1	20 A Phys Lab Prep 282 - Surface Raceway	16
17	Physics Lab 284 - A/V Cabinet	20 A	1			360	180	1	20 A Phys Lab Prep 282 - Surface Raceway	18
19	Physics Lab 284 - Desk	20 A	1	360	540			1	20 A Physics Lab 284 - Shades	20
21	Physics Lab 284 - Desk	20 A	1		360	0		1	20 A Spare	22
23	Physics Lab 284 - Desk	20 A	1			360	0	1	20 A Spare	24
25	Physics Lab 284 - Desk	20 A	1	360	0			1	20 A Spare	26
27	Physics Lab 284 - Desk	20 A	1		360	0		1	20 A Spare	28
29	Physics Lab 284 - Desk	20 A	1			360	0	1	20 A Spare	30
31	Physics Lab 284 - Desk	20 A	1	360	0			1	20 A Spare	32
33	Physics Lab 284 - Desk	20 A	1		360	0		1	20 A Spare	34
35	Physics Lab 284 - Desk	20 A	1			360	0	1	20 A Spare	36
37	Physics Lab 284 - Desk	20 A	1	360	0			1	20 A Spare	38
39	Physics Lab 284 - Desk	20 A	1		360	0		1	20 A Spare	40
41	Physics Lab 284 - Desk	20 A	1			360	0	1	20 A Spare	42
Total Load:				4860 VA	3920 VA	3600 VA				
Total Amps:				41 A	33 A	30 A				

Notes:

Panel: 2LL2

Location: CORR-2 C280-2
Supply From: SB-2
Mounting: S
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Main Type: MCB
Mains Rating: 225 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Microbio/Plant Research Lab 283 - Surface...	20 A	1	360	180			1	20 A Microbio/Plant Research Lab 283 - Desk	2
3	Microbio/Plant Research Lab 283 - Surface...	20 A	1		180	180		1	20 A Microbio/Plant Research Lab 283 - Desk	4
5	Microbio/Plant Research Lab 283 - UC Glass...	20 A	1			180	180	1	20 A Microbio/Plant Research Lab 283 - Desk	6
7	Microbio/Plant Research Lab 283 - Fume Hood	20 A	1	500	180			1	20 A Microbio/Plant Research Lab 283 - Desk	8
9	Microbio/Plant Research Lab 283 - Surface...	20 A	1		360	144		1	20 A Microbio/Plant Research Lab 283 - ...	10
11	Microbio/Plant Research Lab 283 - Surface...	20 A	1			360	360	1	20 A Microbio Prep 289A - Surface Raceway	12
13	Microbio/Plant Research Lab 283 - Surface...	20 A	1	360	180			1	20 A Microbio Prep 289A - Surface Raceway	14
15	Microbio/Plant Research Lab 283 - Surface...	20 A	1		360	180		1	20 A Microbio Prep 289A - Receptacle	16
17	Microbio/Plant Research Lab 283 - Surface...	20 A	1			360	1000	1	20 A Microbio Prep 289A - Refrigerator	18
19	Microbio/Plant Research Lab 283 - Surface...	20 A	1	540	0			1	20 A Spare	20
21	Microbio/Plant Research Lab 283 - Microwave	20 A	1		1500	0		1	20 A Spare	22
23	Microbio/Plant Research Lab 283 - Teacher	20 A	1			720	0	1	20 A Spare	24
25	Microbio/Plant Research Lab 283 - Projector	20 A	1	500	0			1	20 A Spare	26
27	Microbio/Plant Research Lab 283 - A/V Cabinet	20 A	1		360	0		1	20 A Spare	28
29	Spare	20 A	1			0	0	1	20 A Spare	30
31	Microbio/Plant Research Lab 283 - Shades	20 A	1	540	0			1	20 A Spare	32
33	Microbio/Plant Research Lab 283 - Desk	20 A	1		180	0		1	20 A Spare	34
35	Microbio/Plant Research Lab 283 - Desk	20 A	1			180	0	1	20 A Spare	36
37	Spare	20 A	1	0	0			1	20 A Spare	38
39	Spare	20 A	1		0	0		1	20 A Spare	40
41	Spare	20 A	1			0	0	1	20 A Spare	42
Total Load:				3340 VA	3444 VA	3340 VA				
Total Amps:				28 A	29 A	28 A				

Notes:

Panel: 3LL1

Location: CORRIDOR-1 C380-1
Supply From: SB-2
Mounting: S
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Main Type: MCB/SFL
Mains Rating: 225 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Anatomy/Physio Lab 391 - Surface Raceway	20 A	1	540	180			1	20 A Bio Lab Prep Room A 389 - Receptacle	2
3	Anatomy/Physio Lab 391 - Surface Raceway	20 A	1		360	180		1	20 A Bio Lab Prep Room A 389 - Receptacle	4
5	Anatomy/Physio Lab 391 - Surface Raceway	20 A	1			360	180	1	20 A Bio Lab Prep Room A 389 - Fume Hood	6
7	Anatomy/Physio Lab 391 - Surface Raceway	20 A	1	180	180			1	20 A Bio Lab Prep Room A 389 - Receptacle	8
9	Anatomy/Physio Lab 391 - Fume Hood	20 A	1		500	360		1	20 A Bio Lab Prep Room A 389 - Surface Raceway	10
11	Anatomy/Physio Lab 391 - Receptacle	20 A	1			180	180	1	20 A Bio Lab Prep Room A 389 - Surface Raceway	12
13	Anatomy/Physio Lab 391 - Teacher	20 A	1	720	180			1	20 A Bio Lab Prep Room A 389 - UC Glass Washer	14
15	Anatomy/Physio Lab 391 - Projector	20 A	1		500	360		1	20 A Bio Lab Prep Room A 389 - Surface Raceway	16
17	Anatomy/Physio Lab 391 - A/V Rack	20 A	1			360	180	1	20 A Bio Lab Prep Room A 389 - Surface Raceway	18
19	Anatomy/Physio Lab 391/389 - Shades	20 A	1	540	1080			1	20 A Bio Lab Prep Room A 389 - Dell Cabinet	20
21	Anatomy/Physio Lab 391 - Desk	20 A	1		360	0		1	20 A Spare	22
23	Anatomy/Physio Lab 391 - Desk	20 A	1			360	0	1	20 A Spare	24
25	Anatomy/Physio Lab 391 - Desk	20 A	1	360	0			1	20 A Spare	26
27	Anatomy/Physio Lab 391 - Desk	20 A	1		360	1700		2	30 A Bio Lab Prep Room A 389 - Sorvall Centrifuge	28
29	Anatomy/Physio Lab 391 - Desk	20 A	1			360	1700	2	30 A Bio Lab Prep Room A 389 - Surface Raceway	30
31	Anatomy/Physio Lab 391 - Desk	20 A	1	360	1700			2	30 A Bio Lab Prep Room A 389 - Ultra Centrifuge	32
33	Anatomy/Physio Lab 391 - Desk	20 A	1		360	1700		2	30 A Bio Lab Prep Room A 389 - Ultra Centrifuge	34
35	Anatomy/Physio Lab 391 - Desk	20 A	1			360	1700	2	30 A Anatomy/Physio Lab 391 - Sorvall Centrifuge	36
37	Anatomy/Physio Lab 391 - Display Case	20 A	1	180	1700			2	30 A Anatomy/Physio Lab 391 - Sorvall Centrifuge	38
39	Spare	20 A	1		0	1700		2	30 A Anatomy/Physio Lab 391 - Ultra Centrifuge	40
41	Spare	20 A	1		8440 VA	7620 VA		2	30 A Anatomy/Physio Lab 391 - Ultra Centrifuge	42
Total Load:				7900 VA	8440 VA	7620 VA				
Total Amps:				66 A	71 A	64 A				

Notes:

Panel: 3NL1

Location: ELEC 310A
Supply From: SB-1
Mounting: S
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Main Type: MCB/SFL
Mains Rating: 225 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Power Rm. C310, 310A, 312	20 A	1	720 VA 720 VA				1	20 A Power Rm. 342-344	2
3	Power Rm. 304, 306	20 A	1		720 VA 720 VA			1	20 A Power Rm. 344, 346, 348	4
5	Power Rm. 302, C350A, 303	20 A	1			720 VA 720 VA		1	20 A Power Rm. 346, 352, 354	6
7	Power Rm. C310, 339	20 A	1	540 VA 360 VA				1	20 A Power Rm. 352	8
9	Power Rm. 305	20 A	1		180 VA 360 VA			1	20 A Power Rm. 352	10
11	Power Rm. 305, 311	20 A	1			540 VA 720 VA		1	20 A Power Rm. 356, 360, 362	12
13	Power Rm. 311, 313, 315	20 A	1	720 VA 360 VA				1	20 A Power Rm. 362, 364	14
15	Power Rm. 315, 317, 319	20 A	1		720 VA 180 VA			1	Work/Copy 300A - Counter	16
17	Power Rm. 319, 321, 323	20 A	1			720 VA 360 VA		1	20 Kettle 300C - Desk	18
19	Power Rm. 323, 325, 327	20 A	1	720 VA 360 VA				1	20 Kettle 300C - Desk	20
21	Power Rm. 325	20 A	1		180 VA 1000...			1	20 Kettle 300C - Refrigerator	22
23	Power Rm. 325	20 A	1			360 VA 1656...		1	30 Kettle 300C - GD-3	24
25	Power Rm. 327, 329, 331	20 A	1	720 VA 180 VA				1	20 Kettle 300C - Counter	26
27	Power Rm. 331, 333, 335	20 A	1		720 VA 180 VA			1	20 Kettle 300C - Counter	28
29	Power Rm. 335, 337, 339	20 A	1			720 VA 180 VA		2	20 Work/ Copy 300A - Printer	30
31	Power Rm. 320, 322	20 A	1	540 VA 180 VA				2	20 Work/ Copy 300A - Printer	32
33	Power Rm. 316, 318, 320	20 A	1		720 VA 900 VA			1	20 Jan Closet 375, Corridor C380	34
35	Power Rm. 312, 314	20 A	1			540 VA 370 VA		1	20 EWC-3	36
37	Power Rm. 332	20 A	1	540 VA 360 VA				1	20 Women 377, Men 379	38
39	Power Rm. 332	20 A	1		720 VA 180 VA			1	20 Corridor C370 - Digital Signage	40
41	Power Rm. 332	20 A	1			540 VA 360 VA		1	20 Office Lab Mgr 372D - Receptacles	42
43	Data 300B - Wall	20 A	1	180 VA 180 VA				1	20 Lab Storage 372C - Autoclave Controls	44
45	Power Rm. 334	20 A	1		180 VA 180 VA			1	20 Lab Storage 372C - Counter	46
47	Power Rm. 302, 303	20 A	1			540 VA 540 VA		1	20 Commons C370B, Lab Waste 372B, Lab...	48
49	Power COMMONS 302	20 A	1	180 VA 720 VA				1	20 Rm. 352 - Shades	50
51	Spare	20 A	1		0 VA 360 VA			1	20 Power Commons 370B USB Receptacle	52
53	Spare	20 A	1			0 VA 360 VA		1	20 Power Commons 370B USB Receptacle	54
55	Spare	200 A	1	0 VA 1490...				1	20 Men 379 - Electric Hand Dryer	56
57	Spare	20 A	1		0 VA 1490...			1	20 Women 377 - Electric Hand Dryer	58
59	Spare	20 A	1			0 VA 0 VA		1	20 Spare	60
		Total Load:		9770 VA	9690 VA	9946 VA				