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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:

E0506

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Panel: 4NH1

Location: ELEC 410
Supply From: US-1
Mounting: S
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Main Type: MCB
Mains Rating: 225 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Lighting Circulation-2 10.43-2	20 A	1	1130	3047					2
3	Lighting Physical Chemistry Lab 8.17	20 A	1		1476	3047			EF-2	4
5	Lighting Analytical/Inorganic Chemistry Lab...	20 A	1			2406	3047			6
7	Lighting Circulation 10.36	20 A	1	475	443					8
9	Lighting Work Study Student 3.06	20 A	1		855	443			KEF-1	10
11	Lighting Commons-9 10.04-9	20 A	1			953	443			12
13	Lighting Circulation 10.36	20 A	1	1872	1329					14
15	Spare	20 A	1						EF-3	16
17	Lighting 4th Floor Perimeter Cove	20 A	1			1360	1329			18
19	Spare	20 A	1	0	0				Space	20
21	Spare	20 A	1		0				Space	22
23	Spare	20 A	1			0	0		Space	24
25	Spare	20 A	1	0	0				Space	26
27	Spare	20 A	1		0	0			Space	28
29	Spare	20 A	1			0	0		Space	30
31	Spare	20 A	1	0	0				Space	32
33	Spare	20 A	1		0	0			Space	34
35	Spare	20 A	1			0	0		Space	36
37	Spare	20 A	1	0	0				Space	38
39	Spare	20 A	1		0	0			Space	40
41	Spare	20 A	1			0	0		Space	42
Total Load:				8296 VA	7150 VA	9539 VA				
Total Amps:				31 A	26 A	35 A				

Notes:

Panel: 4LL2

Location: CORR, C480-1
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	Chem Lab Research 483 - Surface Raceway	20 A	1	360	360			1	20 A Chem Instr Lab 489 - Surface Raceway	2
3	Chem Lab Research 483 - Surface Raceway	20 A	1		360	360		1	20 A Chem Instr Lab 489 - Surface Raceway	4
5	Chem Lab Research 483 - Surface Raceway	20 A	1			360	360	1	20 A Chem Instr Lab 489 - Surface Raceway	6
7	Chem Lab Research 483 - Fume Hood	20 A	1	500	360			1	20 A Chem Instr Lab 489 - Surface Raceway	8
9	Chem Lab Research 483 - Surface Raceway	20 A	1		540	180		1	20 A Chem Instr Lab 489 - Surface Raceway	10
11	Chem Lab Research 483 - Surface Raceway	20 A	1			540	540	1	20 A Chem Instr Lab 489 - Surface Raceway	12
13	Chem Lab Research 483 - Surface Raceway	20 A	1	360	540			1	20 A Chem Instr Lab 489 - Surface Raceway	14
15	Chem Lab Research 483 - Fume Hood	20 A	1		500	540		1	20 A Chem Instr Lab 489 - Surface Raceway	16
17	Chem Lab Research 483 - Surface Raceway	20 A	1			360	1296	1	20 A Chem Instr Lab 489 - PCP-1A & PCP-1B	18
19	Chem Lab Research 483 - Surface Raceway	20 A	1	360	1056			1	20 A Chem Instr Lab 489 - CP-4A & CP-4B	20
21	Chem Lab Research 483 - Surface Raceway	20 A	1		180	0		1	20 A Spare	22
23	Chem Lab Research 483 - Teacher	20 A	1			720	0	1	20 A Spare	24
25	Chem Lab Research 483 - Projector	20 A	1	500	0			1	20 A Spare	26
27	Chem Lab Research 483 - A/V Cabinet	20 A	1		360	0		1	20 A Spare	28
29	Chem Lab Research 483 - Overhead Carrier	20 A	1			180	0	1	20 A Spare	30
31	Chem Lab Research 483 - Overhead Carrier	20 A	1	180	0			1	20 A Spare	32
33	Chem Lab Research 483 - Overhead Carrier	20 A	1		180	0		1	20 A Spare	34
35	Chem Lab Research 483 - Overhead Carrier	20 A	1			180	0	1	20 A Spare	36
37	Chem Lab Research 483 - Undercounter Ltg	20 A	1	144	0			1	20 A Spare	38
39	Chem Lab Research 483 - Shades	20 A	1		360	0		1	20 A Spare	40
41	Chem Lab Research 483 - Overhead Carrier	20 A	1			180	180	1	20 A Chem Lab Research 483 - Overhead Carrier	42
Total Load:				4720 VA	3560 VA	4896 VA				
Total Amps:				41 A	30 A	42 A				

Notes:

Panel: 4LL5

Location: CORR, C480-1
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	Chem Lab General 472 - Fume Hood	20 A	1	500	360			1	20 A Chem Lab General 472 - Desk	2
3	Chem Lab General 472 - Counter	20 A	1		360	360		1	20 A Chem Lab General 472 - Desk	4
5	Chem Lab General 472 - Fume Hood	20 A	1			500	360	1	20 A Chem Lab General 472 - Desk	6
7	Chem Lab General 472 - Fume Hood	20 A	1	500	360			1	20 A Chem Lab General 472 - Desk	8
9	Chem Lab General 472 - Surface Raceway	20 A	1		540	360		1	20 A Chem Lab General 472 - Desk	10
11	Chem Lab General 472 - Surface Raceway	20 A	1			360	360	1	20 A Chem Lab General 472 - Desk	12
13	Chem Lab General 472 - Surface Raceway	20 A	1	360	0			1	20 A Spare	14
15	Chem Lab General 472 - Fume Hood	20 A	1		500	0		1	20 A Spare	16
17	Chem Lab General 472 - Counter	20 A	1			360	0	1	20 A Spare	18
19	Chem Lab General 472 - Fume Hood	20 A	1	500	0			1	20 A Spare	20
21	Chem Lab General 472 - Fume Hood	20 A	1		500	0		1	20 A Spare	22
23	Chem Lab General 472 - Projector	20 A	1			500	0	1	20 A Spare	24
25	Chem Lab General 472 - Teacher	20 A	1	720	0			1	20 A Spare	26
27	Chem Lab General 472 - A/V Cabinet	20 A	1		360	0		1	20 A Spare	28
29	Chem Lab General 472 - Shades	20 A	1			360	0	1	20 A Spare	30
31	Spare	20 A	1	0	0			1	20 A Spare	32
33	Spare	20 A	1		0	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:				3300 VA	2980 VA	2800 VA				
Total Amps:				28 A	25 A	23 A				

Notes:

Panel: 4SH1

Location: ELEC 410
Supply From: MCB
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Main Type: MCB
Mains Rating: 150 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1		70 A	3	9418	1330			3	15 A EF-1	2
3	HEF-1A									4
5				9418	0				Space	6
7					9418	0			Space	8
9	HEF-1B					9418	0		Space	10
11									Space	12
13				9418	0				Space	14
15	HEF-1C				9418	0			Space	16
17						9418	0		Space	18
19	Space	--	--	0	0			--	Space	20
21	Space	--	--		0	0		--	Space	22
23	Space	--	--			0	0	--	Space	24
25	Space	--	--	0	0			--	Space	26
27	Space	--	--		0	0		--	Space	28
29	Space	--	--			0	0	--	Space	30
Total Load:				29584 VA	29584 VA	29584 VA				
Total Amps:				107 A	107 A	107 A				

Notes:

Panel: 4LL1

Location: CORR, C480-2
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	Chem Lab Physical 491 - Surface Raceway	20 A	1	360	360			1	20 A Chem Lab Physical 491 - Desk	2
3	Chem Lab Physical 491 - Surface Raceway	20 A	1		360	360		1	20 A Chem Lab Physical 491 - Desk	4
5	Chem Lab Physical 491 - Surface Raceway	20 A	1			360	360	1	20 A Chem Lab Physical 491 - Desk	6
7	Chem Lab Physical 491 - Fume Hood	20 A	1	500	360			1	20 A Chem Lab Physical 491 - Desk	8
9	Chem Lab Physical 491 - Surface Raceway	20 A	1		360	360		1	20 A Chem Lab Physical 491 - Desk	10
11	Chem Lab Physical 491 - Surface Raceway	20 A	1			360	360	1	20 A Chem Lab Physical 491 - Desk	12
13	Chem Lab Physical 491 - Surface Raceway	20 A	1	360	360			1	20 A Chem Lab Physical 491 - Desk	14
15	Chem Lab Physical 491 - Fume Hood	20 A	1		500	360		1	20 A Chem Lab Physical 491 - Desk	16
17	Chem Lab Physical 491 - Surface Raceway	20 A	1			360	0	1	20 A Spare	18
19	Chem Lab Physical 491 - Surface Raceway	20 A	1	360	0			1	20 A Spare	20
21	Chem Lab Physical 491 - Surface Raceway	20 A	1		180	0		1	20 A Spare	22
23	Chem Lab Physical 491 - Teacher	20 A	1			720	0	1	20 A Spare	24
25	Chem Lab Physical 491 - Projector	20 A	1	500	0			1	20 A Spare	26
27	Chem Lab Physical 491 - A/V Cabinet	20 A	1		360	0		1	20 A Spare	28
29	Chem Lab Physical 491 - Shades	20 A	1			540	0	1	20 A Spare	30
31	Spare	20 A	1	0	0			1	20 A Spare	32
33	Spare	20 A	1		0	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:				3160 VA	2840 VA	3060 VA				
Total Amps:				27 A	24 A	26 A				

Notes:

Panel: 4LL4

Location: CORR, C480-1
Supply From: SB-2
Mounting: S
Enclosure: Type 1