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CONFORMED SET

01 JUL 2016

3 ADDENDUM 2-4 24 MAY 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:

E0503

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Panel: BNH1

Location: MAIN ELECTRICAL 192
Supply From: US-1
Mounting: S
Enclosure: Type 1

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

A.I.C. Rating: 22,000
Mains Type: MCB
Mains Rating: 400 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT	
1	AHU-1	180 A	3	22160	22160					3	180 A	AHU-2	2	
5					22160	22160		22160	22160				6	
7				2105	886								8	
9				2105	886								10	
11	DI-1	15 A	3			2105	886			3	15 A	FZP-1 & FZP-2	12	
13	CP-1	70 A	3	9418	0					3	70 A	CP-2 (NON SIMULTANEOUS LOAD)	14	
15						9418	0						16	
17							9418	0					18	
19													20	
21	HRP-1	45 A	3	5817	0	5817	0			3	45 A	HRP-2 (NON SIMULTANEOUS LOAD)	22	
23								5817	0				24	
25	VF-1	15 A	3	582	0					--	--	Space	26	
27						582	0				--	--	Space	28
29								582	0		--	--	Space	30
31				Space	--	--	0	0			--	--	Space	32
33	Space	--	--			0	0			--	--	Space	34	
35	Space	--	--					0	0	--	--	Space	36	
37	Mech Room - Central 078 (Lighting)	20 A	1	1216	0					--	--	Space	38	
39	Space	20 A	1			0	0			--	--	Space	40	
41	Space	20 A	1					0	0	--	--	Space	42	
Total Load:				64344 VA		63128 VA		63128 VA						

Notes:

Panel: 1EL1

Location: MAIN ELECTRICAL 192
Supply From: T-1EL1
Mounting: Surface
Enclosure: Type 1

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

A.I.C. Rating: 10,000
Mains Type: MCB
Mains Rating: 100 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	MECHANICAL ROOM 078 - BAS	20 A	1	360	100			1	20 A	2
3	110B, 210B, 310A, 410 - BAS	20 A	1		1060	180		1	20 A	4
5	Elec 110B - Fire Door	15 A	1			1176	180	1	20 A	6
7	Elec 210B - Fire Door	15 A	1	1176	180			1	20 A	8
9	Elec 310A - Fire Door	15 A	1		1176	180		1	20 A	10
11	Elec 410 - Fire Door	15 A	1			1176	180	1	20 A	12
13	Space	20 A	1	0	180			1	20 A	14
15	Space	20 A	1		0	0		1	20 A	16
17	Space	20 A	1			0	0	1	20 A	18
19	Space	20 A	1	0	0			1	20 A	20
21	Space	20 A	1		0	0		1	20 A	22
23	Space	20 A	1			0	0	1	20 A	24
25	Space	--	--	0	0			--	Space	26
27	Space	--	--		0	0		--	Space	28
29	Space	--	--			0	0	--	Space	30
Total Load:				1996 VA	2596 VA	2712 VA				
Total Amps:				17 A	22 A	23 A				

Notes:

Panel: 2LL5

Location: ELEC 210B
Supply From: SB-2
Mounting: S
Enclosure: Type 1

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

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

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Open Research Lab 235 - Enviro. Chamber	20 A	1	1000	360			1	20 A	2
3	Open Research Lab 235 - Surface Raceway	20 A	1		360	360		1	20 A	4
5	Open Research Lab 235 - Surface Raceway	20 A	1			360	360	1	20 A	6
7	Open Research Lab 235 - BSC	20 A	1	180	180			1	20 A	8
9	Space	20 A	1		0	0		1	20 A	10
11	Space	20 A	1			0	0	1	20 A	12
13	Space	20 A	1	0	0			1	20 A	14
15	Space	20 A	1			0	0	1	20 A	16
17	Space	20 A	1			0	0	1	20 A	18
19	Space	20 A	1	0	0			1	20 A	20
21	Space	20 A	1		0	0		1	20 A	22
23	Space	20 A	1			0	0	1	20 A	24
25	Space	20 A	1	0	0			1	20 A	26
27	Space	20 A	1			0	0	1	20 A	28
29	Space	20 A	1			0	0	1	20 A	30
31	Space	20 A	1	0	0			1	20 A	32
33	Space	20 A	1		0	0		1	20 A	34
35	Space	20 A	1			0	0	1	20 A	36
37	Space	20 A	1	0	0			1	20 A	38
39	Space	20 A	1			0	0	1	20 A	40
41	Space	20 A	1			0	0	1	20 A	42
Total Load:				1720 VA	720 VA	720 VA				
Total Amps:				14 A	6 A	6 A				

Notes:

Panel: 1GH1

Location: MAIN ELECTRICAL 192
Supply From: MLO
Mounting: Surface
Enclosure: Type 1

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

A.I.C. Rating: 22,000
Mains Type: MCB
Mains Rating: 600 A
MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	ATS-LS	225 A	3	6312	68314			3	400 A	2
3					6512	65365				4
5		--	--	0	0			--	Space	6
7	Space	--	--			0	0	--	Space	8
9	Space	--	--			0	0	--	Space	10
11	Space	--	--			0	0	--	Space	12
13	Space	--	--	0	0			--	Space	14
15	Space	--	--		0	0		--	Space	16
17	Space	--	--			0	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:				74626 VA	71677 VA	72580 VA				
Total Amps:				270 A	259 A	262 A				

Notes:

Panel: 1EH1

Location: MAIN ELECTRICAL 192
Supply From: ATS-LS
Mounting: S
Enclosure: Type 1

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

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

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	T-1EL1, 1EL1	45 A	3	1996	555			1	20 A	2
3					2596	278		1	20 A	4
5	West Exterior Emerg. Lighting	20 A	1	445	1705			1	20 A	6
7	North Stair Lighting	20 A	1		531	1434		1	20 A	8
9	West Stair Lighting	20 A	1			532	2870	1	20 A	10
11	Space	20 A	1	0	2987			1	20 A	12
13	Space	20 A	1		0	3097		1	20 A	14
15	Space	20 A	1			0	0	1	20 A	16
17	Space	20 A	1				0	1	20 A	18
19	Space	20 A	1	0	0			1	20 A	20
21	Space	20 A	1		0	0		1	20 A	22
23	Space	20 A	1			0	0	1	20 A	24
25	Space	20 A	1	0	0			1	20 A	26
27	Space	20 A	1		0	0		1	20 A	28
29	Space	20 A	1			0	0	1	20 A	30
31	Space	--	--	0	0			--	Space	32
33	Space	--	--		0	0		--	Space	34
35	Space	--	--			0	0	--	Space	36
37	Space	--	--	0	0			--	Space	38
39	Space	--	--		0	0		--	Space	40
41	Space	--	--			0	0	--	Space	42
Total Load:				7688 VA	7936 VA	7900 VA				
Total Amps:				28 A	29 A	29 A				

Notes:

Panel: BNL1

Location: MCB
Supply From: SB-1
Mounting: S
Enclosure: Type 1

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

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

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	Mech Room Central 079 - Receptacle	20 A	1	360	180			1	20 A	Elevator 2 Pit - Receptacle	2	
3	Mech Room Central 079 - Receptacle	20 A	1		360	180		1	20 A	Elevator 2 Pit - ESP-2	4	
5	Mech Room Central 079 - Receptacle	20 A	1			360	0	1	20 A	Space	6	
7	Mech Room Central 078 - ACCU-1	25 A	2	1664	0			1	20 A	Space	8	
9					1664	0		1	20 A	Space	10	
11	Mech Room Central 078 - ACCU-2	25 A	2	1664	0		1664	0	1	20 A	Space	12
13						1664	0	1	20 A	Space	14	
15	Mech Room Central 078 - ACCU-3	25 A	2		1664	0		1	20 A	Space	16	
17	Mech Room Central 078 - GFS-1	30 A	1	1656	0		1664	0	1	20 A	Space	18
19	Mech Room Central 078 - GFS-2	30 A	1			1664	0	1	20 A	Space	20	
21	Mech Room Central 078 - UH-001, UH-002	15 A	1		32	0		1	20 A	Space	22	
23	Mech Room Central 078 - AHU-1 Lights/Rec	20 A	1			400	0	1	20 A	Space	24	
25	Mech Room Central 078 - AHU-2 Lights/Rec	20 A	1	400	0			1	20 A	Space	26	
27	Mech Room Central 078 - Elec. Trip Primer	20 A	1		100	0		1	20 A	Space	28	
29	Space	20 A	1			0	0	1	20 A	Space	30	
31	Space	--	--	0	0			--	--	Space	32	
33	Space	--	--		0	0		--	--	Space	34	
35	Space	--	--				0	0	--	--	Space	36
37	Space	--	--	0	0			--	--	Space	38	
39	Space	--	--		0	0		--	--	Space	40	
41	Space	--	--				0	0	--	--	Space	42
Total Load:				5924 VA	4000 VA	4088 VA						
				42 A	33 A	34 A						