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ELECTRICAL DISTRIBUTION EQUIPMENT SCHEDULE													
PANELBOARD			PANELBOARD		MAIN (2)			BRANCH CIRCUIT DATA			ENCLOSURE DATA		
DESIGNATION	LOCATION	ROOM NUMBER	VOLT-PH-W	SHORT CIRCUIT RATING (1)	TYPE (3)	SIZE (Amps)	LOCATION	DEVICE TYPE (4)	(QUAN.) Amp Size - Poles	TOTAL NO. OF POLES	MTG	CRITICAL MAX DIM	SPECIAL FEATURES (7)
US-1	MAIN ELECTRICAL	192	480/277-3-4	35,000	MCB	1600 A	BOTTOM	CB	SEE ONE-LINE DIAGRAM	SEE ONE-LINE DIAGRAM	FS	16'-0"L x 5'-6"W	1, 2
SB-1	MAIN ELECTRICAL	192	208/120-3-4	22,000	MCB	800 A	TOP	CB	SEE ONE-LINE DIAGRAM	SEE ONE-LINE DIAGRAM	FS	8'-6"L x 3'-0"W	1, 2
SB-2	MAIN ELECTRICAL	192	208/120-3-4	22,000	MCB	800 A	TOP	CB	SEE ONE-LINE DIAGRAM	SEE ONE-LINE DIAGRAM	FS	8'-6"L x 3'-0"W	1, 2
1EL1	MECHANICAL ROOM CENTRAL	078	208/120-3-4	10,000	MCB	100 A	BOTTOM	CB	SEE PANEL SCHEDULES	30	S	20	2
BNH1	MECHANICAL ROOM CENTRAL	078	480/277-3-4	22,000	MCB	400 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
BNL1	MECHANICAL ROOM CENTRAL	078	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
1EH1	MAIN ELECTRICAL	192	480/277-3-4	22,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
1GH1	MAIN ELECTRICAL	192	480/277-3-4	22,000	MLO	600 A	BOTTOM	CB	SEE ONE-LINE DIAGRAM	SEE ONE-LINE DIAGRAM	S	20	2
1SH1	MAIN ELECTRICAL	192	480/277-3-4	22,000	MCB	400 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
1SL1	MAIN ELECTRICAL	192	208/120-3-4	10,000	MCB	150 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
1SL2	DATA IT WORK ROOM	195	208/120-3-4	10,000	MCB	150 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
1NH1	ELECTRICAL	195	480/277-3-4	22,000	MCB/SFL	175 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
1NH2	MAIN ELECTRICAL	192	480/277-3-4	22,000	MLO	225 A	TOP	CB	SEE PANEL SCHEDULES	60	S	20	2
1NL1	ELECTRICAL	110B	208/120-3-4	10,000	MCB/SFL	225 A	TOP	CB	SEE PANEL SCHEDULES	60	S	20	2
1NL2	MAIN ELECTRICAL	192	208/120-3-4	10,000	MLO	225 A	TOP	CB	SEE PANEL SCHEDULES	54	S	20	2
1NL3	CONTROL	160B	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
1LL1	MAIN ELECTRICAL	192	208/120-3-4	10,000	MLO	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
1LL2	CORRIDOR	C130	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	54	F	20	2
2NH1	ELECTRICAL	210B	480/277-3-4	22,000	MCB/SFL	175 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
2NL1	ELECTRICAL	210B	208/120-3-4	10,000	MCB	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	60	S	20	2
2LL1	CORRIDOR	C280	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
2LL2	CORRIDOR	C280	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
2LL3	CORRIDOR	C280	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
2LL4	CORRIDOR	C280	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
2LL5	ELECTRICAL	210B	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
3NH1	ELECTRICAL	310A	480/277-3-4	22,000	MCB/SFL	175 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
3NL1	ELECTRICAL	310A	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	60	S	20	2
3LL1	CORRIDOR	C380	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
3LL2	CORRIDOR	C380	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
3LL3	CORRIDOR	C380	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
3LL4	CORRIDOR	C380	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
3LL5	CORRIDOR	C350	208/120-3-4	10,000	MCB	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	F	20	2
4SH1	ELECTRICAL	410	480/277-3-4	22,000	MCB	150 A	BOTTOM	CB	SEE PANEL SCHEDULES	30	S	20	2
4NH1	ELECTRICAL	410	480/277-3-4	22,000	MCB	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
4NL1	ELECTRICAL	410	208/120-3-4	10,000	MCB	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	54	S	20	2
4LL1	CORRIDOR	C480	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
4LL2	CORRIDOR	C480	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
4LL3	CORRIDOR	C480	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2
4LL4	CORRIDOR	C480	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2
4LL5	GENERAL CHEMISTRY LAB	C480	208/120-3-4	10,000	MCB	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2

1. INTERRUPTING CAPACITY
UNLESS OTHERWISE NOTED, ALL 120/208 VOLT
PANELS SHALL BE BRACED FOR 10,000 AMPS RMS
SYM AND ALL 277/480 VOLT PANELS SHALL BE
BRACED FOR 14,000 AMPS RMS SYM

2. PANELBOARD MAIN
SEE RISER DIAGRAM FOR FEEDER CABLE SIZES
AND PROVIDE APPROPRIATE LUGS

3. PANELBOARD MAIN TYPES
MCB - MAIN CIRCUIT BREAKER
MFS - MAIN FUSIBLE SWITCH
MC - MAIN CONTACTOR
MLO - MAIN LUGS ONLY
SFL - SUB FEED LUGS
DL - DOUBLE LUGS

4. BRANCH CIRCUIT BREAKER TYPE
FS - FUSIBLE SWITCH
CB - CIRCUIT BREAKER
(ST) - SHUNT TRIP REQUIRES 1 POLE SPACE

5. MOUNTING
F - FUSE
S - SURFACE
FS - FREESTANDING

6. ENCLOSURE CONSTR. TYPE
1 TRIM WITHOUT DOOR
2 TRIM WITH HINGED DOOR AND LOCK
3 DOUBLE SECTION PANEL WITH TWO SEPARATE
TRIMS, HINGED DOORS AND LOCKS
4 THREE SECTION PANEL WITH THREE SEPARATE
TRIMS, HINGED DOORS AND LOCKS
5 WEATHERPROOF ENCLOSURES

7. SPECIAL FEATURES
1 EQUIPMENT GROUND BUS
2 INTERNAL SURGE PROTECTION DEVICE
3 EXTERNAL SURGE PROTECTION DEVICE

Panel: 1SL2

Location: MDF / IT WORK ROOM-1...

Supply From: 1SL1

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10,000

Mains Type: MCB

Mains Rating: 150 A

MCB Rating:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	MDF Room 195 - Rack	20 A	1	500	1000				2	20 A	
3	MDF Room 195 - Rack	20 A	1		500	1000			4	20 A	
5	Data 100B - Rack	20 A	1			500	1000		6	20 A	
7	Data 100B - Rack	20 A	1	500	1000				8	20 A	
9	Data 200B - Rack	20 A	1		500	0			10	20 A	
11	Data 200B - Rack	20 A	1			500	0		12	20 A	
13	Data 300B - Rack	20 A	1	500	0				14	20 A	
15	Data 300B - Rack	20 A	1		500	0			16	20 A	
17	Data 400B - Rack	20 A	1			500	0		18	20 A	
19	Data 400B - Rack	20 A	1	500	0				20	20 A	
21					0				22	20 A	
23							0		24	20 A	
25				0					26	20 A	
27					0				28	20 A	
29						0			30	20 A	
Total Load:				4000 VA	2500 VA	2500 VA					
Total Amps:				33 A	21 A	21 A					

Notes:

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:

ELECTRICAL
DISTRIBUTION
EQUIPMENT SCHEDULE

Project No.: 04561.01 Checked by:

E0502

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