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	CONSTR. TYPE (6)	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	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	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	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	1
BNH1	MECHANICAL ROOM CENTRAL	078	480/277-3-4	22,000	MCB	400 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1
BNL1	MECHANICAL ROOM CENTRAL	078	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1
1EH1	MAIN ELECTRICAL	192	480/277-3-4	22,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 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	1, 2
1SM1	MAIN ELECTRICAL	192	480/277-3-4	22,000	MCB	400 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
2 1SL1	MAIN ELECTRICAL	192	208/120-3-4	10,000	MCB	150 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1
1SL2	MDF / IT WORK ROOM	195	208/120-3-4	10,000	MCB	150 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1
1NH1	ELECTRICAL	110B	480/277-3-4	22,000	MCB/SFL	175 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1
1NH2	MAIN ELECTRICAL	192	480/277-3-4	22,000	MLO	225 A	TOP	CB	SEE PANEL SCHEDULES	30	S	20	2	1
1NL1	ELECTRICAL	110B	208/120-3-4	10,000	MCB/SFL	225 A	TOP	CB	SEE PANEL SCHEDULES	2 60	S	20	2	1
1NL2	MAIN ELECTRICAL	192	208/120-3-4	10,000	MLO	225 A	TOP	CB	SEE PANEL SCHEDULES	54	S	20	2	1
1NL3	CONTROL	160B	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1
1LL1	MAIN ELECTRICAL	192	208/120-3-4	10,000	MLO	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
1LL2	CORRIDOR	C130	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	54	F	20	2	1, 2
2NH1	ELECTRICAL	210B	480/277-3-4	22,000	MCB/SFL	175 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1
2NL1	ELECTRICAL	210B	208/120-3-4	10,000	MCB	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	2 60	S	20	2	1
2LL1	CORRIDOR	C280	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
2LL2	CORRIDOR	C280	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
2LL3	CORRIDOR	C280	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
1 2LL4	CORRIDOR	C280	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
2LL5	ELECTRICAL	210B	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
3NH1	ELECTRICAL	310A	480/277-3-4	22,000	MCB/SFL	175 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1
3NL1	ELECTRICAL	310A	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	2 60	S	20	2	1
3LL1	CORRIDOR	C380	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
3LL2	CORRIDOR	C380	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
3LL3	CORRIDOR	C380	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
3LL4	CORRIDOR	C380	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
3LL5	CORRIDOR	C350	208/120-3-4	10,000	MCB	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	F	20	2	1, 2
4SH1	ELECTRICAL	410	480/277-3-4	22,000	MCB	150 A	BOTTOM	CB	SEE PANEL SCHEDULES	30	S	20	2	1, 2
4NH1	ELECTRICAL	410	480/277-3-4	22,000	MCB	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
4NL1	ELECTRICAL	410	208/120-3-4	10,000	MCB	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	54	S	20	2	1, 2
4LL1	CORRIDOR	C480	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
4LL2	CORRIDOR	C480	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
4LL3	CORRIDOR	C480	208/120-3-4	10,000	MCB/SFL	225 A	BOTTOM	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 2
4LL4	CORRIDOR	C480	208/120-3-4	10,000	MCB	225 A	TOP	CB	SEE PANEL SCHEDULES	42	S	20	2	1, 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, 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

2

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

Notes:

Webster UNIVERSITY

Webster University
Interdisciplinary Science Building

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CONFORMED SET **01 JUL 2016**

No.	Description	Date
2	ADDENDUM 2-2	19 APRIL 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

Drawing Title:

ELECTRICAL DISTRIBUTION EQUIPMENT SCHEDULE

Project No.: 04561.01 Checked by:

E0502