

Branch Panel: QC

Location: BACK AREA 01

Supply From: TRANSFORMER QA - 45KVA...

Mounting:

Enclosure:

Volts: 120/208 Wye

Phases: 3

Wires: 4

A/C Rating: 10000

Mains Type: MCB

MCB Rating: 225 A

MCB Rating: 150 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	ROOM 02, 03, 04	20 A	1	437	540					1	20 A	RECEPTACLE QA LAB 02	2
3	EF-QA-1	25 A	1			1656	540			1	20 A	RECEPTACLE QA LAB 02	4
5	RECEPTACLE QA LAB 02	20 A	1					1440	540	1	20 A	RECEPTACLE QA LAB 02	6
7	KITCHEN EQUIPMENT - NON-DWELLING UNIT	20 A	2							1	20 A	RECEPTACLE QA LAB 02	8
9	--	--	--	520	900					1	20 A	RECEPTACLE QA LAB 02	10
11	MOTORIZED DAMPERS	20 A	1					500	540	1	20 A	RECEPTACLE QA LAB 02	12
13	SPARE	20 A	1	0	540					1	20 A	RECEPTACLE ROOM 02, 03	14
15	SPARE	20 A	1			0	360			1	20 A	RECEPTACLE ROOM 02, 03	16
17	SPARE	20 A	1					0	720	1	20 A	RECEPTACLE WALL ROOM 03	18
19	SPARE	20 A	1	0	180					1	20 A	RECEPTACLE RTU-QC-1	20
21	SPARE	20 A	1			0	0			1	20 A	SPARE	22
23	SPARE	20 A	1					0	0	1	20 A	SPARE	24
25	SPARE	20 A	1	0	0					1	20 A	SPARE	26
27	SPACE	--	--			0	0			--	--	SPACE	28
29	SPACE	--	--					0	0	--	--	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:				3117 VA		3976 VA		3740 VA					
Total Amps:				26 A		34 A		32 A					
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Other		2156 VA		100.00%		2156 VA							
Receptacle		7200 VA		100.00%		7200 VA		Total Conn. Load: 10833 VA					
Lighting		437 VA		100.00%		437 VA		Total Est. Demand: 10833 VA					
								Total Conn.: 30 A					
								Total Est. Demand: 30 A					

Notes:

Branch Panel: EXISTING PANEL

Location:
Supply From:
Mounting:
Enclosure:

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

A.I.C. Rating: 10000
Mains Type: MCB
Mains Rating: 400 A
MCB Rating: 0 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	FAN #1	20 A	3	0 0 0	0 0		3	20 A	EXISTING FAN	2
3	--	--	--	--	--		--	--	--	4
5	--	--	--	--	--	0 0	--	--	--	6
7	FAN #2	20 A	3	0 2667	0 2667		3	20 A	HEATING QA LAB 02	8
9	--	--	--	--	--		--	--	--	10
11	--	--	--	--	--	0 2667	--	--	--	12
13	EXISTING	80 A	3	0 0 0			3	30 A	SPARE	14
15	--	--	--	--	0 0		--	--	--	16
17	--	--	--	--	--	0 0	--	--	--	18
19	EXISTING	30 A	1	0 0 0			3	30 A	GERBS GRAIN RM	20
21	EXISTING	20 A	1		0 0		--	--	--	22
23	EXISTING	20 A	1			0 0	--	--	--	24
25	EXISTING	80 A	3	0 0 0			3	20 A	BAGGER 17	26
27	--	--	--	--	0 0		--	--	--	28
29	--	--	--	--	--	0 0	--	--	--	30
31	RTU-QA-1	25 A	3	480 0	480 0		3	20 A	BAGGER 16	32
33	--	--	--	--	--		--	--	--	34
35	--	--	--	--	--	480 0	--	--	--	36
37	TRANSFORMER QA	70 A	3	3117 0	3976 0		3	60 A	EXISTING	38
39	--	--	--	--	--		--	--	--	40
41	--	--	--	--	--	3740 0	--	--	--	42
		Total Load:		6263 VA	7123 VA	6887 VA				
		Total Amps:		23 A	26 A	25 A				
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals						
HVAC	1440 VA	100.00%	1440 VA							
Heating	8000 VA	100.00%	8000 VA	Total Conn. Load: 20273 VA						
Other	2156 VA	100.00%	2156 VA	Total Est. Demand: 20273 VA						
Receptacle	7200 VA	100.00%	7200 VA	Total Conn.: 24 A						
Lighting	437 VA	100.00%	437 VA	Total Est. Demand: 24 A						

Notes:

PANEL IS EXISTING. CHANGES SHOWN BOLD ONLY NEW LOADS SHOWN.

CS
4231 Sigma Road, Suite 110
Dallas, Texas 75244
Ph. 972-386-7005
Fax 972-386-7205
www.c1sinc.com

MICHAEL J. McLAREN P.E.
PROFESSIONAL ENGINEER
NY. No. 082687-1

REFERENCE NO. 2115.046

12001 N. CENTRAL EXPRESSWAY, SUITE 300
DALLAS, TEXAS 75243
PH. 214-739-8100
www.rlginc.com

CIRILLO
ARCHITECTS, P.C.
SIX COURTLAND STREET
MIDDLETOWN, N.Y. 10940
PHONE 845-344-1800
FAX NO. 845-344-4451
E-MAIL pcirillo@cirilloarchitectspc.com

FLNA - LIBERTY QA LAB
89 MILL STREET
LIBERTY, NY 12754

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