RFP-30

FILE NO. 43-C1
APPL.NO. 01-110074

PANEL '5R2A'

120/208V, 3 Ph., 4 W. Surface Mounted, Lighting & Appliance Branch Panelboard
100A Bus with MLO
2007-0731 CANADA BLDG 5/6

Ckt. No.	Description / Location	Load (VA)	Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)	Type	Description / Location	Ckt. No.
1	— #1-227 HALLWAY	288	R	20/1		A		20/1	432	R	— #1-223 HALLWAY	2
3	— #1-227 HALLWAY	288	R	20/1		B		20/1	432	R	— #1-223 HALLWAY	4
5	— #1-227 HALLWAY	288	R	20/1		C		20/1	540	R	— #1-225	6
7	— #1-227	540	R	20/1		A		20/1	540	R	— #1-225	8
9	— #1-227 CANOPY	180	R	20/1		B		20/1			SPACE	10
11	— #1-227 PROJECTOR	900	R	20/1		C		20/1	900	R	— #1-227 WITHDRAWN SCREEN	12
13	— #1-227 WITHDRAWN SCREEN	900	R	20/1		A		20/1	900	R	— #1-227 PROJECTOR	14
15	— #1-227 HALLWAY	288	R	20/1		B		20/1	360	R	— #1-227 CANOPY	16
17	— #1-227 HALLWAY	288	R	20/1		C		20/1	360	R	— #1-227 CANOPY	18
19	— #1-227 HALLWAY	720	R	20/1		A		20/1	360	R	— #1-227 CANOPY	20
21	SPARE			20/1		B		20/1	1,200	R	— #1-227 ROOF DRAIN HEATER	22
23	SPARE			20/1		C		20/1	1,200	R		24
25	— #1-227 WITHDRAWN SCREEN	900	R	20/1		A		20/1	1,200	R	— #2WA14 REFRIG #1-222	26
27	— #1-227 PROJECTOR	900	R	20/1		B		20/1	1,200	R		28
29	— #1-227	540	R	20/1		C		20/1	1,200	R	— #2WA15 REFRIG PLATFORM #1-222	30
31	— #1-227	540	R	20/1		A		20/1	540	R	— #1-231	32
33	SPARE			20/1		B					SPACE	34
35	SPARE			20/1		C					SPACE	36
37	SPARE			20/1		A					SPACE	38
39	SPARE			20/1		B					SPACE	40
41	SPARE			20/1		C					SPACE	42

Total Connected Load Ph. A	8,820 VA	74.7 Amps	Panel Connected Load	24.5KVA	207.4 Amps
Total Connected Load Ph. B	9,720 VA	82.3 Amps	Sub-Feed Connected Load	0.0KVA	0.0 Amps
Total Connected Load Ph. C	6,120 VA	51.8 Amps	Total Demand Load	19.7KVA	167.0 Amps

A.I.C. RATING: 10KAIC

PANEL '5R2B'

120/208V, 3 Ph., 4 W. Surface Mounted, Lighting & Appliance Branch Panelboard
100A Bus with MLO
2007-0731 CANADA BLDG 5/6

Ckt. No.	Description / Location	Load (VA)	Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)	Type	Description / Location	Ckt. No.
1	— #1-225	540	R	20/1		A		20/1	540	R	— #1-227	2
3	— #1-225	540	R	20/1		B		20/1	540	R	— #1-227	4
5	— #1-225, S-229	1,080	R	20/1		C		20/1	540	R	— #1-227	6
7	— #1-225, S-229	1,080	R	20/1		A		20/1	1,080	R	— #1-227 ROOF #1-228	8
9	— #1-225	900	R	20/1		B		20/1	1,080	R	— #1-227 ROOF #1-228	10
11	— #1-225	900	R	20/1		C		20/1	900	R	— #1-227 WITHDRAWN SCREEN	12
13	— #1-225	900 R	20/1		A		20/1	900	R	— #1-227 PROJECTOR	14
15	— #1-225 WITHDRAWN SCREEN	900	R	20/1		B		20/1	900	R	— #1-229, S-228, S-229, CANOPY	16
17	— #1-225 PROJECTOR	900	R	20/1		C		20/1	900	R	— #1-229, S-228, S-229	18
19	— #1-225	540	R	20/1		A		20/1	360	R	— #1-229 CANOPY	20
21	— #1-225, S-229	1,080	R	20/1		B		20/1	360	R	— #1-229 CANOPY	22
23	— #1-225, S-229	1,080	R	20/1		C		20/1	360	R	— #1-229 CANOPY	24
25	SPARE	1,200	R	20/1		A		20/1	900	R	— #1-229, S-228, JANITOR	26
27	SPARE	1,200	R	20/1		B		20/1	900	R	— #1-229, S-228, JANITOR	28
29	SPARE	1,200	R	20/1		C		20/1	900	R	— #1-229, S-228, JANITOR	30
31	SPARE	1,200	R	20/1		A		20/1	900	R	— #1-229, S-228, JANITOR	32
33	SPARE	1,200	R	20/1		B		20/1	900	R	— #1-229, S-228, JANITOR	34
35	SPARE	1,200	R	20/1		C		20/1	900	R	— #1-229, S-228, JANITOR	36
37	SPARE			20/1		A		20/1			SPACE	38
39	SPARE			20/1		B		20/1			SPACE	40
41	SPARE			20/1		C		20/1			SPACE	42

Total Connected Load Ph. A	9,120 VA	76.0 Amps	Panel Connected Load	28.5KVA	79.2 Amps
Total Connected Load Ph. B	9,240 VA	77.0 Amps	Sub-Feed Connected Load	0.0KVA	0.0 Amps
Total Connected Load Ph. C	10,140 VA	84.5 Amps	Total Demand Load	21.5KVA	60.2 Amps

A.I.C. RATING: 10KAIC

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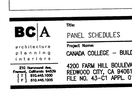
Title: PANEL SCHEDULES
Project Name: CANADA COLLEGE – BUILDINGS 5 & 6 RENOVATIONS
4200 FARM HILL BOULEVARD
REDWOOD CITY, CA 94061
FILE NO. 43-C1 APPL. 01-110074



Date Signed 5/15/10

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RFP 31

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PANEL '5L3'

277/480V, 3 Ph., 4 W. Surface Mounted, Lighting & Appliance Branch Panelboard
100A Bus with MLO
2007-0731 CANADA BLDG 5/6

Ckt. No.	Description / Location	Load (VA)	Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)	Type	Description / Location	Ckt. No.
1	STO – CORRIDOR, OFFICES	2,609	L	20/1		A		20/1	600	L	LTO – CAFETERIA, OFFICES	2
3	LTO – RESTROOMS, OFFICES	3,202	L	20/1		B		20/1			SPARE	4
5	SPARE			20/1		C		20/1			SPARE	6
7	SPARE			20/1		A		20/1			SPARE	8
9	SPARE			20/1		B		20/1			SPARE	10
11	SPARE			20/1		C		20/1			SPARE	12
13	SPARE			20/1		A		20/1			SPARE	14
15	SPARE			20/1		B					SPACE	16
17	ROOF 2					C					ROOF 2	18

PANEL '5R3A'
(SECTION 2)

120/208V, 3 Ph., 4 W. Surface Mounted, Lighting & Appliance Branch Panelboard
225A Bus with MLO
2007-0731 CANADA BLDG 5/6

Ckt. No.	Description / Location	Load (VA)	Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)	Type	Description / Location	Ckt. No.
43	UTILITY VISION PANEL	500	C	20/1		A		20/1	720	R	— #1-330	44
45	TOP	500	C	20/1		B		20/1	720	R	— #1-331	46
47	TOP	500	C	20/1		C		20/1	720	R	— #1-332	48
49	— ROOF	360	R	20/1		A		20/1			SPARE	50
51	— ROOF	360	R	20/1		B		20/1			TOP	52
53	— #1-341, S-343, JANITOR	540	R	20/1		C		20/1			ROOF	54
55	SPARE			20/1		A		20/1	720	R	— #1-333	56
57	SPARE			20/1		B		20/1	1,080	R	— #1-333	58
59	SPARE			20/1		C		20/1			SPARE	60
61	SPARE			20/1		A		20/1			SPARE	62
63	SPARE			20/1		B		20/1			SPARE	64
65	SPARE			20/1		C		20/1			SPARE	66

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