

PANEL LP (EXISTING)									
120/208 VOLTS, 3 PHASE, 4 WIRE, 100% NEUTRAL BUS, GROUND BAR									
125 AMP MAIN LUGS ONLY, 125 AMP BUS									
PANEL BOARD MINIMUM SHORT CIRCUIT RATING 10,000 STAY RMS AMPS									
CRK/POLE No. No.	DESCRIPTION	CONNECTED KVA			NUMBER & WIRE SIZE			CONDUIT SIZE	
		A	B	C	PHASE	NEUTRAL	EGG		
1	** SPARE	0.00	0.00	0.00	1P	20A			
2	** SPARE				0.00	1P	20A		
3	** SPARE				0.00	1P	20A		
4	** SPARE				0.00	1P	20A		
5	** SPARE				0.00	1P	20A		
6	** SPARE				0.00	1P	20A		
7	** SPARE				0.00	1P	20A		
8	** SPARE				0.00	1P	20A		
9	** SPARE				0.00	1P	20A		
10	** SPARE				0.00	1P	20A		
11	** SPARE				0.00	1P	20A		
12	** SPARE				0.00	1P	20A		
13	** SPARE				0.00	1P	20A		
14	** SPARE				0.00	1P	20A		
15	** SPARE				0.00	1P	20A		
16	** SPARE				0.00	1P	20A		
17	** SPARE				0.00	1P	20A		
18	** SPARE				0.00	1P	20A		
19	19 ATTIC LIGHTING (E)	0.40			0.00	1P	20A		
20	20 GUH4 (E)				0.10	1P	20A		
21	21 GUH4 (E)				0.10	1P	20A		
22	22 SPARE				0.10	1P	20A		
23	23 SPARE				0.10	1P	20A		
24	24 SPARE				0.10	1P	20A		
25	25 SPARE				0.10	1P	20A		
26	26 SPARE				0.10	1P	20A		
27	27 BOILER NO. 1 (E)	0.50			0.50	1P	20A		
28	28 SPARE				0.50	1P	20A		
29	29 EF-9 (E)	0.40			0.40	1P	20A		
30	30 EF-9 (E)	0.40			0.40	1P	20A		
31	31 RECEPT	1.08			1.08	1P	20A		
32	32 NOT AVAILABLE				0.00	1P	20A		
33	33 NOT AVAILABLE				0.00	1P	20A		
34	34 NOT AVAILABLE				0.00	1P	20A		
35	35 NOT AVAILABLE				0.00	1P	20A		
36	36 NOT AVAILABLE				0.00	1P	20A		
37	37 NOT AVAILABLE				0.00	1P	20A		
38	38 NOT AVAILABLE				0.00	1P	20A		
39	39 NOT AVAILABLE				0.00	1P	20A		
40	40 NOT AVAILABLE				0.00	1P	20A		
41	41 NOT AVAILABLE				0.00	1P	20A		
42	42 NOT AVAILABLE				0.00	1P	20A		
43	43 NOT AVAILABLE				0.00	1P	20A		
44	44 NOT AVAILABLE				0.00	1P	20A		
45	45 NOT AVAILABLE				0.00	1P	20A		
46	46 NOT AVAILABLE				0.00	1P	20A		
47	47 NOT AVAILABLE				0.00	1P	20A		
48	48 NOT AVAILABLE				0.00	1P	20A		
49	49 NOT AVAILABLE				0.00	1P	20A		
50	50 NOT AVAILABLE				0.00	1P	20A		
51	51 NOT AVAILABLE				0.00	1P	20A		
52	52 NOT AVAILABLE				0.00	1P	20A		
53	53 NOT AVAILABLE				0.00	1P	20A		
54	54 NOT AVAILABLE				0.00	1P	20A		
55	55 NOT AVAILABLE				0.00	1P	20A		
56	56 NOT AVAILABLE				0.00	1P	20A		
57	57 NOT AVAILABLE				0.00	1P	20A		
58	58 NOT AVAILABLE				0.00	1P	20A		
59	59 NOT AVAILABLE				0.00	1P	20A		
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61	61 NOT AVAILABLE				0.00	1P	20A		
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63	63 NOT AVAILABLE				0.00	1P	20A		
64	64 NOT AVAILABLE				0.00	1P	20A		
65	65 NOT AVAILABLE				0.00	1P	20A		
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67	67 NOT AVAILABLE				0.00	1P	20A		
68	68 NOT AVAILABLE				0.00	1P	20A		
69	69 NOT AVAILABLE				0.00	1P	20A		
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71	71 NOT AVAILABLE				0.00	1P	20A		
72	72 NOT AVAILABLE				0.00	1P	20A		
73	73 NOT AVAILABLE				0.00	1P	20A		
74	74 NOT AVAILABLE				0.00	1P	20A		
75	75 NOT AVAILABLE				0.00	1P	20A		
76	76 NOT AVAILABLE				0.00	1P	20A		
77	77 NOT AVAILABLE				0.00	1P	20A		
78	78 NOT AVAILABLE				0.00	1P	20A		
79	79 NOT AVAILABLE				0.00	1P	20A		
80	80 NOT AVAILABLE				0.00	1P	20A		
81	81 NOT AVAILABLE				0.00	1P	20A		
82	82 NOT AVAILABLE				0.00	1P	20A		
83	83 NOT AVAILABLE				0.00	1P	20A		
84	84 NOT AVAILABLE				0.00	1P	20A		
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91	91 NOT AVAILABLE				0.00	1P	20A		
92	92 NOT AVAILABLE				0.00	1P	20A		
93	93 NOT AVAILABLE				0.00	1P	20A		
94	94 NOT AVAILABLE				0.00	1P	20A		
95	95 NOT AVAILABLE				0.00	1P	20A		
96	96 NOT AVAILABLE				0.00	1P	20A		
97	97 NOT AVAILABLE				0.00	1P	20A		
98	98 NOT AVAILABLE				0.00	1P	20A		
99	99 NOT AVAILABLE				0.00	1P	20A		
100	100 NOT AVAILABLE				0.00	1P	20A		
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145	145 NOT AVAILABLE				0.00	1P	20A		
146	146 NOT AVAILABLE				0.00	1P	20A		
147	147 NOT AVAILABLE				0.00	1P	20A		
148	148 NOT AVAILABLE				0.00	1P	20A		
149	149 NOT AVAILABLE				0.00	1P	20A		
150	150 NOT AVAILABLE				0.00	1P	20A		
151	151 NOT AVAILABLE				0.00	1P	20A		
152	152 NOT AVAILABLE				0.00	1P	20A		
153	153 NOT AVAILABLE				0.00	1P	20A		
154	154 NOT AVAILABLE				0.00	1P	20A		
155	155 NOT AVAILABLE				0.00	1P	20A		
156	156 NOT AVAILABLE				0.00	1P	20A		
157	157 NOT AVAILABLE				0.00	1P	20A		
158	158 NOT AVAILABLE				0.00	1P	20A		
159	159 NOT AVAILABLE				0.00	1P	20A		
160	160 NOT AVAILABLE				0.00	1P	20A		
161	161 NOT AVAILABLE				0.00	1P	20A		
162	162 NOT AVAILABLE				0.00	1P	20A		
163	163 NOT AVAILABLE				0.00	1P	20A		
164	164 NOT AVAILABLE				0.00	1P	20A		
165	165 NOT AVAILABLE				0.00	1P	20A		
166	166 NOT AVAILABLE				0.00	1P	20A		
167	167 NOT AVAILABLE				0.00	1P	20A		
168	168 NOT AVAILABLE				0.00	1P	20A		
169	169 NOT AVAILABLE				0.00	1P	20A		
170	170 NOT AVAILABLE				0.00	1P	20A		
171	171 NOT AVAILABLE				0.00	1P	20A		
172	172 NOT AVAILABLE				0.00	1P	20A		
173	173 NOT AVAILABLE				0.00	1P	20A		
174	174 NOT AVAILABLE				0.00	1P	20A		
175	175 NOT AVAILABLE				0.00	1P	20A		
176	176 NOT AVAILABLE				0.00	1P	20A		
177	177 NOT AVAILABLE				0.00	1P	20A		
178	178 NOT AVAILABLE				0.00	1P	20A		
179	179 NOT AVAILABLE				0.00	1P	20A		
180	180 NOT AVAILABLE				0.00	1P	20A		
181	181 NOT AVAILABLE				0.00	1P	20A		
182	182 NOT AVAILABLE				0.00	1P	20A		
183	183 NOT AVAILABLE				0.00	1P	20A		
184	184 NOT AVAILABLE				0.00	1P	20A		
185	185 NOT AVAILABLE				0.00	1P	20A		
186	186 NOT AVAILABLE				0.00	1P	20A		
187	187 NOT AVAILABLE				0.00	1P	20A		
188	188 NOT AVAILABLE				0.00	1P	20A		
189	189 NOT AVAILABLE				0.00	1P	20A		
190	190 NOT AVAILABLE				0.00	1P	20A		
191	191 NOT AVAILABLE				0.00	1P	20A		
192	192 NOT AVAILABLE				0.00	1P	20A		
193	193 NOT AVAILABLE				0.00	1P	20A		
194	194 NOT AVAILABLE				0.00	1P	20A		
195	195 NOT AVAILABLE				0.00	1P	20A		
196	196 NOT AVAILABLE				0.00	1P	20A		
197	197 NOT AVAILABLE				0.00	1P	20A		
198	198 NOT AVAILABLE				0.00	1P	20A		
199	199 NOT AVAILABLE				0.00	1P			

PANEL A (RELOCATED)									
120/208 VOLTS 3 PHASE, 4 WIRE, 100% NEUTRAL BUS, GROUND BAR 100 AMP MAIN CIRCUIT BREAKER, 100 AMP BUS 100 AMP SHUNT CIRCUIT BREAKER, 100 AMP BUS PANEL BOARD MINIMUM BREAKER, 100 AMP BUS									
CKT	POLE	NO.	DESCRIPTION	A	B	C	AT	PHASE/NEUTRAL	EGG
1	1	1	LIGHTING - RADIOLOGY	0.65				1P 20A	
3	3	3	-- SPARE		0.25			1P 20A	
5	5	5	-- SPARE			0.00		1P 20A	
7	7	7	RECEPT (E)	0.50				1P 20A	
9	9	9	RECEPT (E)		0.50			1P 20A	
11	11	11	RECEPT			0.40		1P 20A	
13	13	13	AUDIOLOGY BOOTH (E)	1.00				1P 20A	
15	15	15	RECEPT (E)		0.70			1P 20A	
17	17	17	RECEPT	0.00		0.90		1P 20A	
19	19	19	-- SPARE					1P 20A	
21	21	21	EF-18 & EF-20	0.20				1P 20A	
23	23	23	RECEPT (E)		0.10			1P 20A	
25	25	25	RECEPT	0.50				1P 20A	
27	27	27	RECEPT		0.40			1P 20A	
29	29	29	MAIN CIRCUIT BREAKER (E)	0.00		0.00		3P 100A	
31	31	31	RECEPT		0.00			1P 20A	
33	33	33	RECEPT			0.90		1P 20A	
35	35	35	RECEPT	0.90				1P 20A	
37	37	37	RECEPT		1.50			2P 15A	
39	39	39	-- SMOKING BOOTH						
41	41	41							
2	2	2	-- SPARE	0.00				1P 20A	
4	4	4	-- SPARE		0.00			1P 20A	
6	6	6	RECEPT (E)			1.08		1P 20A	
8	8	8	RECEPT (E)	1.00				1P 20A	
10	10	10	AUDIOLOGY BOOTH		1.00			1P 20A	
12	12	12	RECEPT (E)			0.00		1P 20A	
14	14	14	RECEPT (E)	0.54				1P 20A	
16	16	16	RECEPT (E)		1.08			1P 20A	
18	18	18	-- SPARE	0.00		0.00		1P 20A	
20	20	20	-- SPARE					1P 20A	
22	22	22	RECEPT	1.08				1P 20A	
24	24	24	-- SPARE			0.00		1P 20A	
26	26	26	RADIOLOGY SUBPANEL (E)	1.30				2P 20A	
28	28	28	RADIOLOGY BOOTH		1.30			2P 20A	
30	30	30	SMOKING BOOTH			1.00		1P 20A	
32	32	32	RECEPT	1.70				1P 20A	
34	34	34	--SPARE		0.00			1P 20A	
36	36	36	RECEPT			0.00		1P 20A	
38	38	38	RECEPT	1.10				1P 20A	
40	40	40	RECEPT		1.10			1P 20A	
42	42	42	RECEPT			1.10		1P 20A	
** BREAKER BECOMES AVAILABLE FOLLOWING DEMOLITION				9.19	8.11				6.98
				25.27 TOTAL KVA		70.01 AMPS			

PANEL PP (EXISTING)									
120/208 VOLTS - 3 PHASE, 4 WIRE, 100% NEUTRAL BUS, GROUND BAR									
125 AMP MAIN LUGS ONLY, 125 AMP BUS									
PANEL BOARD MINIMUM 125 AMP 3 PHASE 4 WIRE BUS AMPS									
PANEL BOARD MINIMUM 125 AMP 3 PHASE 4 WIRE BUS AMPS									
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PANEL BOARD MIN									

PANEL PP3(NEW)									
120/208 VOLTS, 3 PHASE, 4 WIRE, 100% NEUTRAL BUS, GROUND BAR									
100 AMP MAIN LUGS ONLY, MAIN CIRCUIT BREAKER, 100 AMP BUS									
PANEL BOARD MINIMUM SHORT CIRCUIT RATING 10000 SYM RMS AMPS									
CKT/POLE	DESCRIPTION	CONNECTED KVA	BREAKER	NUMBER & WIRE SIZE	PHASE	NEUTRAL	EGG	CONDUIT	SIZE
10	1 NURSE CALL HEAD END	0.70	B	1P	20A				
3	SECURITY MONITOR	0.20	0.70	1P	20A				
5	SECURITY INTERCOM CABINET	0.40	0.70	1P	20A				
7	DOOR RELEASE	0.00	0.00	1P	20A				
9	SPARE	0.00	0.00	1P	20A				
11	SPARE	0.00	0.00	1P	20A				
13	RECEPT	0.70	1.40	1P	20A				
15	RECEPT	1.40	1.40	1P	20A				
17	RECEPT	1.30	1.30	1P	20A				
19	RECEPT	0.70	0.70	1P	20A				
21	RECEPT	0.40	0.40	1P	20A				
23	RECEPT	0.00	0.00	1P	20A				
25	SPARE	0.00	0.00	1P	20A				
27	SPARE	0.00	0.00	1P	20A				
29	SPARE	0.00	0.00	1P	20A				
31	SPARE	0.00	0.00	1P	20A				
33	DOME LIGHT	0.00	0.00	1P	20A				
35	DOME LIGHT	0.50	1.30	1P	20A	#10	#10	#10	3/4"
37	DOME LIGHT	0.50	1.30	1P	20A	#10	#10	#10	3/4"
39	DOME LIGHT	0.50	1.30	1P	20A	#10	#10	#10	3/4"
41	SPARE	1.20	1.20	1P	20A	#10	#10	#10	3/4"
2	RECEPT	1.20	1.20	1P	20A				
4	RECEPT	1.20	1.20	1P	20A				
6	RECEPT	1.60	1.60	1P	20A				
8	RECEPT	1.20	1.20	1P	20A				
10	RECEPT	1.20	1.20	1P	20A				
12	RECEPT	0.90	0.90	1P	20A				
14	RECEPT	0.90	0.90	1P	20A				
16	RECEPT	0.20	0.20	1P	20A				
18	RECEPT	0.90	0.90	1P	20A				
20	RECEPT	1.20	1.20	1P	20A				
22	RECEPT	1.20	1.20	1P	20A				
24	RECEPT	0.90	1.10	1P	20A				
26	RECEPT	0.90	1.10	1P	20A				
28	RECEPT	1.60	1.60	1P	20A				
30	SPARE	0.40	0.40	1P	20A				
32	P-8, P-9, UN-2	0.30	0.30	1P	20A				
34	BOILER 1, BOILER 2, UN-2	1.00	1.00	1P	20A				
36	SPARE	0.00	0.00	1P	20A				
38	SPARE	0.00	0.00	1P	20A				
40	SPARE	0.00	0.00	1P	20A				
42	SPARE	0.00	0.00	1P	20A				
44	SPARE	0.00	0.00	1P	20A				
46	SPARE	0.00	0.00	1P	20A				
48	SPARE	0.00	0.00	1P	20A				
50	SPARE	0.00	0.00	1P	20A				
52	SPARE	0.00	0.00	1P	20A				

PANEL RP (EXISTING)												
120/208 VOLTS 3 PHASE 4 WIRE 100% NEUTRAL BUS GROUND BAR												
125 AMP MAIN LINES ONLY 125 AMP BUS												
PANEL BOARD MINIMUM SHORT CIRCUIT RATING 10,000 SYM RMS AMPS												
Circuit	No.	Description	CONNECTED WIRE			Breaker	NUMBER & WIRE SIZE			Conduit	Size	Egc
			A	B	C		PHASE	NEUTRAL	EGC			
1	1	RECEPTACLES (E)	0.50				1P	20A				
3	3	RECEPTACLES (E)		0.50			1P	20A				
5	5	RECEPTACLES (E)			0.40		1P	20A				
7	7	RECEPTACLES (E)	0.40				1P	20A				
9	9	RECEPTACLES (E)		0.40			1P	20A				
11	11	RECEPTACLES (E)			0.40		1P	20A				
13	13	RECEPTACLES (E)	0.70				1P	20A				
15	15	RECEPTACLES (E)		0.40			1P	20A				
17	17	RECEPTACLES (E)			0.40		1P	20A				
19	19	RECEPTACLES (E)	0.20				1P	20A				
21	21	RECEPTACLES (E)		0.60			1P	20A				
23	23	RECEPTACLES (E)			0.60		1P	20A				
25	25	RECEPTACLES (E)	0.60				1P	20A				
27	27	RECEPTACLES (E)		0.60			1P	20A				
29	29	RECEPTACLES (E)			0.60		1P	20A				
2	2	RECEPTACLES (E)	0.40				1P	20A				
4	4	RECEPTACLES (E)		0.40			1P	20A				
6	6	RECEPTACLES (E)			0.40		1P	20A				
8	8	RECEPTACLES (E)	0.40				1P	20A				
10	10	RECEPTACLES (E)		0.40			1P	20A				
12	12	RECEPTACLES (E)			0.40		1P	20A				
14	14	RECEPTACLES (E)	0.40				1P	20A				
16	16	RECEPTACLES (E)		0.40			1P	20A				
18	18	RECEPTACLES (E)			0.20		1P	20A				
20	20	RECEPTACLES (E)	0.40				1P	20A				
22	22	RECEPTACLES (E)		0.60			1P	20A				
24	24	RECEPTACLES (E)			0.60		1P	20A				
26	26	RECEPTACLES (E)	0.60				1P	20A				
28	28	RECEPTACLES (E)		0.60			1P	20A				
30	30	RECEPTACLES (E)			0.60		1P	20A				
			4.60	4.90								
			14.10	TOTAL KVA								
			39.06	AMPS								

GENERAL NOTES:

1. BOLD TEXT INDICATES NEW CIRCUITS, LIGHTER TEXT INDICATES EXISTING CIRCUITS.

KEY NOTES:

**A** UNLESS OTHERWISE NOTED IN THE SPACE PROVIDED, REFER TO CONDUIT AND WIRE SIZING SCHEDULE ON ELECTRICAL POWER RISER DRAWING, E-5

PANEL SCHEDULE LAYOUT			
	LP	PP	RP
	A	PP3	



# FULLY SPRINKLERED

FINAL SUBMITTAL	04/17/06
<b>Revisions:</b>	<b>Date</b>

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CSS Project Number: 04103.00

## PANELBOARD SCHEDULES

Project Title <b>Expand Community Based Outpatient Clinic</b>	Location <b>V.A.M.C. LOCH RAVEN</b>	
	Building Number  6	Checked <b>CCG</b>
		Drawn <b>MGP</b>

File	<b>04.17.06</b>
Project Number	<b>512.514</b>
Drawing Number	