

Branch Panel: 2EL-C1

Location: ELEC ROOM 250

Supply From: 1EL-C1

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10,000

Mains Type: MLO

Mains Rating: 225 A

MCB Rating:

Notes:

CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT	
LC1:1	RECEPT-BEDROOM, RES 236	20	1	540	528		832		1 20	LTG-BATH, GEN 237	LC1:2
LC1:3								2 20	HVAC - FCU'S, CORRIDOR 258	LC1:4,6	
LC1:5,7	HVAC-FCU'S	20	2				300	699	--	--	
--	--	--	--	300	360				1 20	RECEPT-BIOMED 248	LC1:8
LC1:9	RECEPT-BIOMED 248	20	1		540	1000			1 20	RACK RECEPT-BIOMED 248	LC1:10
LC1:11	RECEPT-BIOMED 248	20	1				1000	360	1 20	RACK RECEPT-BIOMED 248	LC1:12
LC1:13	RECEPT-ELEC ROOM 250	20	1	180	1260				1 20	RECEPT-MED SUPPLY 244	LC1:14
LC1:15	RECEPT-COMM CLO 246	20	1		360	360			1 20	RECEPT-COMM CLO 246	LC1:16
LC1:17	RECEPT-COMM CLO 246	20	1				360	180	1 20	RECEPT-COMM CLO 246	LC1:18
LC1:19	RACK RECEPT-COMM CLO 246	20	1	1000	1000				1 20	RACK RECEPT-COMM CLO 246	LC1:20
LC1:21	RACK RECEPT-COMM CLO 246	20	1			1000	1000		1 20	RACK RECEPT-COMM CLO 246	LC1:22
LC1:23,25	HVAC-FCU'S	20	2				360	355	1 20	LTG-COMM CLO 246	LC1:24
--	--	--	--	360	1352				2 20	HVAC-513-ACU-1-1	LC1:26,28
LC1:27,29	HVAC-513-ACU-1-2	20	2			1352	1352		--	--	
--	--	--	--				1352	1352	2 20	HVAC-513-ACU-2-1	LC1:30,32
LC1:31,33	HVAC-513-ACU-2-2	20	2	1352	1352				--	--	
--	--	--	--			1352					LC1:34
LC1:35											LC1:36
LC1:37											LC1:38
LC1:39											LC1:40
LC1:41											LC1:42
Total				9583 VA	9148 VA	6317 VA					
Total A				83 A	80 A	53 A					

Legend:

(*) = FEEDTHRU PANEL LOAD FOR COMPUTATIONAL PURPOSES ONLY. PROVIDE SPACES IN LIEU OF ASSIGNED CIRCUIT BREAKER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	13668 VA	70.00%	9566 VA	
Lighting	883 VA	125.00%	1104 VA	Total Conn. Load: 25049 VA
Other	0 VA	0.00%	0 VA	Total Est. Demand: 19370 VA
Receptacle	4500 VA	100.00%	4500 VA	Total Conn.: 70 A
IT Comm equipment	6000 VA	70.00%	4200 VA	Total Est. Demand: 54 A

Notes:

1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES.

Branch Panel: 2EL-C2

Location: ELEC RM 225

Supply From: 1EL-C2

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10,000

Mains Type: MLO

Mains Rating: 100 A

MCB Rating:

Notes:

CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT	
LC2:1,3	HVAC-FCU'S	20	2	490	900				1 20	RECEPT-BEDROOM, RES 204	LC2:2
--	--	--	--						1 20	RECEPT-BEDROOM, RES 214	LC2:4
LC2:5	RECEPT-MED RM 223	20	1		490	720			1 20	RECEPT-ELEC RM 225	LC2:6
LC2:7	LTG-BATH, GEN 221	20	1	704	100				1 20	NURSE CALL- WS 222	LC2:8
LC2:9	LTG-BATH, GEN 205	20	1		942						LC2:10
LC2:11	LTG-ELEC RM 225	20	1			60	599	2 20	HVAC-FCU'S	LC2:12,14	
LC2:13				599				--	--	--	
LC2:15											LC2:16
LC2:17											LC2:18
LC2:19											LC2:20
LC2:21											LC2:22
LC2:23											LC2:24
LC2:25											LC2:26
LC2:27											LC2:28
LC2:29											LC2:30
LC2:31											LC2:32
LC2:33											LC2:34
LC2:35											LC2:36
LC2:37											LC2:38
LC2:39											LC2:40
LC2:41											LC2:42
Total				2793 VA	2152 VA	2089 VA					
Total A				23 A	18 A	17 A					

Legend:

(*) = FEEDTHRU PANEL LOAD FOR COMPUTATIONAL PURPOSES ONLY. PROVIDE SPACES IN LIEU OF ASSIGNED CIRCUIT BREAKER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	2178 VA	70.00%	1524 VA	
Lighting	1706 VA	125.00%	2133 VA	Total Conn. Load: 7034 VA
Other	1350 VA	100.00%	1350 VA	Total Est. Demand: 5807 VA
Receptacle	1800 VA	100.00%	1800 VA	Total Conn.: 20 A
				Total Est. Demand: 19 A

Notes:

1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES.

Branch Panel: 2EL-LS1

Location: ELEC ROOM 250

Supply From: 1EL-LS1

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10,000

Mains Type: MLO

Mains Rating: 100 A

MCB Rating:

Notes:

CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT	
LS1:1	LIGHTING-CORRIDOR 257	20	1	155	440				1 20	LTG-SERVICE CORRIDOR 263	LS1:2
LS1:3	LTG-EXT. LINK CONNECTOR VIA	20	1		186						LS1:4
LS1:5											LS1:6
LS1:7											LS1:8
LS1:9						448			1 20	LIGHTING-CORRIDOR 257	LS1:10
LS1:11	LTG-STAIR 2-1, 3-1	20	1			405	647	1 20	LTG-SERVICE CORRIDOR 263	LS1:12	
LS1:13											LS1:14
LS1:15											LS1:16
LS1:17											LS1:18
LS1:19											LS1:20
LS1:21											LS1:22
LS1:23											LS1:24
LS1:25											LS1:26
LS1:27											LS1:28
LS1:29											LS1:30
LS1:31											LS1:32
LS1:33											LS1:34
LS1:35											LS1:36
LS1:37											LS1:38
LS1:39											LS1:40
LS1:41											LS1:42
Total				595 VA	634 VA	1052 VA					
Total A				5 A	5 A	9 A					

Legend:

(*) = FEEDTHRU PANEL LOAD FOR COMPUTATIONAL PURPOSES ONLY. PROVIDE SPACES IN LIEU OF ASSIGNED CIRCUIT BREAKER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	2281 VA	125.00%	2852 VA	Total Conn. Load: 2281 VA
				Total Est. Demand: 2852 VA
				Total Conn.: 6 A
				Total Est. Demand: 8 A

Notes:

1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES.

Branch Panel: 2EL-LS2

Location: ELEC RM 225

Supply From: 1EL-LS2

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10,000

Mains Type: MLO

Mains Rating: 100 A

MCB Rating:

Notes:

CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT	
LS2:1	LTG-CORRIDOR 258	20	1	441	505				1 20	LTG-STAIR 1-1, 4-1	LS2:2
LS2:3	MED GAS PNL-RM 222	20	1		100						LS2:4
LS2:5											LS2:6
LS2:7											LS2:8
LS2:9											LS2:10
LS2:11											LS2:12
LS2:13											LS2:14
LS2:15											LS2:16
LS2:17											LS2:18
LS2:19	HOOD FIRE ALARM SUPPRESSION	20	1			240					LS2:20
LS2:21											LS2:22
LS2:23											LS2:24
LS2:25											LS2:26
LS2:27											LS2:28
LS2:29											LS2:30
LS2:31											LS2:32
LS2:33											LS2:34
LS2:35											LS2:36
LS2:37											LS2:38
LS2:39											LS2:40
LS2:41											LS2:42
Total				946 VA	100 VA	240 VA					
Total A				8 A	1 A	2 A					

Legend:

(*) = FEEDTHRU PANEL LOAD FOR COMPUTATIONAL PURPOSES ONLY. PROVIDE SPACES IN LIEU OF ASSIGNED CIRCUIT BREAKER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	946 VA	125.00%	1183 VA	Total Conn. Load: 1286 VA
Other	340 VA	100.00%	340 VA	Total Est. Demand: 1523 VA
				Total Conn.: 4 A
				Total Est. Demand: 4 A

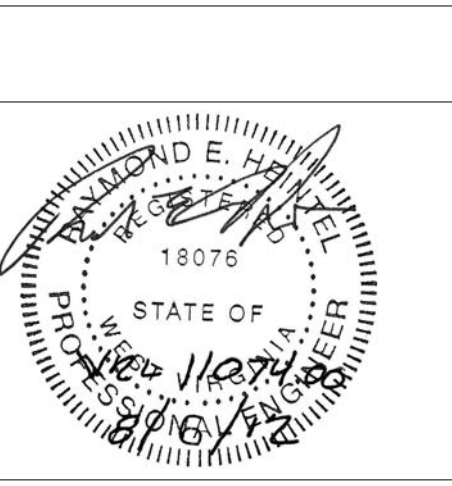
Notes:

1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES.

Revisions:	Date

ARCHITECT:

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Drawing Title

ELECTRICAL PANEL SCHEDULES

Approved: Project Director

Project Title

RELOCATE DEMENTIA UNIT

Project Number

VA PN 613-207

Building Number

513

Drawing Number

E-614

Dwg. of --

Location

VAMC MARTINSBURG

Date

08/06/2012

Checked

GSL

Drawn

DRW

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs

BID DOCUMENTS
FULLY SPRINKLERED