PANELBOARD '30-EQBLA'

POS NO	LOAD DESCRIPTION	WIRE SIZE	LOAD Kva	C/B SIZE	PHASE A	PHASE B	PHASE C	C/B SIZE	LOAD Kva	WIRE SIZE	LOAD DESCRIPTION	POS NO
1	RECEPTACLE - TELECOM ROOM	12	1.2	20/1	*			20/1	1.2	4	EXTERIOR ARM GATE OPERATOR	2
3	RECEPTACLE - TELECOM ROOM	12	1.2	20/1		*		20/1	1.2	4	EXTERIOR ARM GATE OPERATOR	4
5	RECEPTACLE - TELECOM ROOM	12	1.2	20/1			*	20/1	1.2	4	EXTERIOR ARM GATE OPERATOR	6
7	RECEPTACLE - TELECOM ROOM	12	1.2	20/1	*			20/1	1.2	4	EXTERIOR ARM GATE OPERATOR	8
9	SPARE	12	1.2	20/1		*		20/1	1.2	4	EXTERIOR ARM GATE OPERATOR	10
11	SECURITY PANELS	12	1.2	20/1			*				SPACE	12
13	SPACE				*						SPACE	14
15	SPACE					*					SPACE	16
17	SPACE						*				SPACE	18
19	SPARE			20/1	*			20/1			SPARE	20
21	SPARE			20/1		*		20/1			SPARE	22
23	SPARE			20/1			*	20/1			SPARE	24
25	SPARE			20/1	*			20/1			SPARE	26
27	SPARE			20/1		*		20/1			SPARE	28
29	SPARE			20/1			*	20/1			SPARE	30
31	SPARE			20/1	*			20/1			SPARE	32
33	SPARE			20/1		*		20/1			SPARE	34
35	SPARE			20/1			*	30/2	2.0	10	RECEPTACLE - TELECOM	36
37	SPARE			20/1	*				2.0			38
39	SPARE			20/1		*		30/2	2.0	10	RECEPTACLE - TELECOM	40
41	SPARE			20/1			*		2.0			42

VOLTAGE: 208/120V 3Ø, 4W		PHASE A 6.80	LOCATION: BASEMENT
SIZE/TYPE BUS: 400A	A.I.C.: 22,000	PHASE B 6.80	MOUNTING: SURFACE
SIZE/TYPE MAINS: 300A-3P MCB		PHASE C 7.60	FED FROM: EQDPH VIA T-4
LUGS: FEED-THRU		SUB TOTAL (kva) 21.20	REMARKS:

PANELBOARD '30-EQBLB'

POS NO	LOAD DESCRIPTION	WIRE SIZE	LOAD Kva	C/B SIZE	PHASE A	PHASE B	PHASE C	C/B SIZE	LOAD Kva	WIRE SIZE	LOAD DESCRIPTION	POS NO
1	RECEPTACLE MECHANICAL ROOM	12	0.60	20/1	*			20/1	0.40	12	DAMPER	2
3	RECEPTACLE MECHANICAL ROOM	12	0.60	20/1		*		20/1	0.80	12	RECEPTACLE - ELECTRICAL ROOM	4
5	RECEPTACLE FIRE PUMP ROOM	12	0.80	20/1			*	20/1	0.80	12	RECEPTACLE - ELECTRICAL ROOM	6
7	RECEPTACLE ELEVATOR PIT	12	0.5	20/1	*			20/1	0.80	12	RECEPTACLE - ELECTRICAL ROOM	8
9	ATC PANEL	12	0.5	20/1		*		20/1	0.1	12	CABINET HEATER	10
11	SPACE						*				SPACE	12
13	SPACE				*						SPACE	14
15	SPACE					*					SPACE	16
17	SPACE						*				SPACE	18
19	SPARE			20/1	*			20/1			SPARE	20
21	SPARE			20/1		*		20/1			SPARE	22
23	SPARE			20/1			*	20/1			SPARE	24
25	SPARE			20/1	*			20/1			SPARE	26
27	SPARE			20/1		*		20/1			SPARE	28
29	SPARE			20/1			*	20/1			SPARE	30
31	SPARE			20/1	*			20/1			SPARE	32
33	SPARE			20/1		*		20/1			SPARE	34
35	SPARE			20/1			*	20/2	0.10	12	REFRIGERANT CENTRALIZED CONROLLER	36
37	SPARE			20/1	*				0.10			38
39	EVAPORATORS	12	0.60	20/2		*		20/2	1.0	12	REFRIGERANT BRANCH CONTROLLER #2	40
41			0.60				*		1.0			42

VOLTAGE: 208/120V 3Ø, 4W		PHASE A 2.40	LOCATION: BASEMENT
SIZE/TYPE BUS: 400A	A.I.C.: 22,000	PHASE B 3.60	MOUNTING: SURFACE
SIZE/TYPE MAINS: 300A-3P MCB		PHASE C 3.30	FED FROM: EQDPH VIA T-4
LUGS:		SUB TOTAL (kva) 9.30	REMARKS:

NOTE:

PROVIDE DOOR-IN-DOOR TYPE TRIMS FOR ALL PANELBOARDS

PANELBOARD '30-BHA'

POS NO	LOAD DESCRIPTION	WIRE SIZE	LOAD Kva	C/B SIZE	PHASE A	PHASE B	PHASE C	C/B SIZE	LOAD Kva	WIRE SIZE	LOAD DESCRIPTION	POS NO
1	LIGHTING - ELECTRICAL ROOM	12	1.044	20/1	*			20/1	1.2	6	EXTERIOR SIGN	2
3	LIGHTING - MECHANICAL ROOM	12	1.47	20/1		*					SPACE	4
5	LIGHTING - MECHANICAL ROOM	12	2.262	20/1			*				SPACE	6
7	SPACE				*						SPACE	8
9	SPACE					*					SPACE	10
11	SPACE						*				SPACE	12
13	SPACE				*						SPACE	14
15	SPACE					*					SPACE	16
17	SPACE						*				SPACE	18
19	SPARE			20/1	*			20/1			SPARE	20
21	SPARE			20/1		*		20/1			SPARE	22
23	SPARE			20/1			*	20/1			SPARE	24
25	SPARE			20/1	*			20/1			SPARE	26
27	SPARE			20/1		*		20/1			SPARE	28
29	SPARE			20/1			*	20/1			SPARE	30
31	SPARE			20/1	*			20/1			SPARE	32
33	SPARE			20/1		*		20/1			SPARE	34
35	SPARE			20/1			*	20/1			SPARE	36
37	SPARE			20/1	*			20/1			SPARE	38
39	SPARE			20/1		*		20/1			SPARE	40
41	SPARE			20/1			*	20/1			SPARE	42

VOLTAGE: 480/277V 3Ø, 4W		PHASE A 2.24	LOCATION: BASEMENT
SIZE/TYPE BUS: 225A	A.I.C.: 35,000	PHASE B 1.47	MOUNTING: SURFACE
SIZE/TYPE MAINS: 225A-3P MCB		PHASE C 2.26	FED FROM: DSBH
LUGS:		SUB TOTAL (kva) 5.98	REMARKS:

PANELBOARD '30-LSBHA'

POS NO	LOAD DESCRIPTION	WIRE SIZE	LOAD Kva	C/B SIZE	PHASE A	PHASE B	PHASE C	C/B SIZE	LOAD Kva	WIRE SIZE	LOAD DESCRIPTION	POS NO
1	LIGHTING - ELECTRICAL ROOM	12	.738	20/1	*			20/1	0.2	12	LIGHTING - STAIR TOWER 1	2
3	LIGHTING - MECHANICAL ROOM	12	.904	20/1		*		20/1	0.3	12	LIGHTING - STAIR TOWER 2	4
5	LIGHTING - MECHANICAL ROOM	12	.879	20/1			*	20/1			SPARE	6
7	SITE LIGHTING - POLE	8	1.65	20/1	*			20/1			SPARE	8
9	SITE LIGHTING - POLE	8	1.65	20/1		*		20/1			SPARE	10
11	SITE LIGHTING - POLE	8	1.65	20/1			*	20/1			SPARE	12
13	SITE LIGHTING - POLE	8	1.65	20/1	*			20/1			SPARE	14
15	SITE LIGHTING - BOLLARD	8	.825	20/1		*		20/1			SPARE	16
17	SPARE			20/1			*	20/1			SPARE	18
19	SPARE			20/1	*			20/1			SPARE	20
21	SPARE			20/1		*					SPACE	22
23	SPARE			20/1			*				SPACE	24
25	SPARE			20/1	*						SPACE	26
27	SPARE			20/1		*					SPACE	28
29	SPARE			20/1			*				SPACE	30
31	PANELBOARD - LSBLA VIA T-2	4	5.48	70/3	*			100/3	1.2	1	PANELBOARD - LS1HA	32
33			5.4			*			1.0			34
35			4.0				*		.65			36
37	PANELBOARD - LSGHA	1	.8	100/3	*			225/3	6.6	4/0	PANELBOARD - LS2HA	38
39			.5			*			7.0			40
41			1.3				*		12.69			42

VOLTAGE: 480/277V 3Ø, 4W		PHASE A 18.32	LOCATION: BASEMENT
SIZE/TYPE BUS: 400A	A.I.C.: 35,000	PHASE B 17.58	MOUNTING: SURFACE
SIZE/TYPE MAINS: MLO		PHASE C 21.17	FED FROM: ATS-LS
LUGS:		SUB TOTAL (kva) 57.07	REMARKS:

FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions:	Date

CONSULTANTS:

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ARCHITECT/ENGINEERS:

ARCHITECTURE ENGINEERING INTERIOR DESIGN DESIGN/BUILD

ASTORINO

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Drawing Title: **Electrical Panelboard Schedules - Basement**

Approved: Project Director

Project Title: **VA CARES CONSOLIDATION VAMC, PITTSBURGH, PA RESEARCH OFFICE BLDG.**

Location: **VAPHS UNIVERSITY DRIVE**

Date: **08-18-10** | Checked: **TMR** | Drawn: **LLG**

Project Number: **646CA2500R**

Building Number: **30**

Drawing Number: **EP6-202**

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Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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