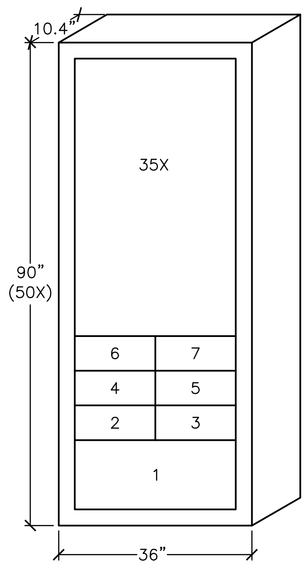
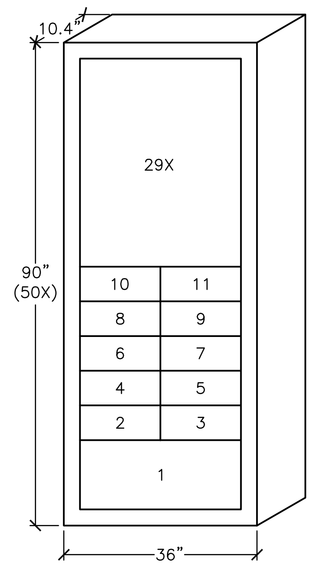


480/277V 3Ø, 4W
600A BUS
35,000 AMPS IC

POSITION	CIRCUIT BREAKER SIZE	EQUIPMENT SERVIED	CONNECTED LOAD–KVA	DEMAND LOAD–KVA
1	600A–3P	MCB	---	---
2	150A–3P	PANELBOARD – BHA	5.98	5.98
3	150A–3P	PANELBOARD – GHA	50.54	50.54
4	150A–3P	PANELBOARD – 1HA	56.31	56.31
5	150A–3P	PANELBOARD – 2HA	57.87	57.87
6	225A–3P	SPARE	---	---
7	100A–3P	SPARE	---	---
		TOTAL	170.70	170.70

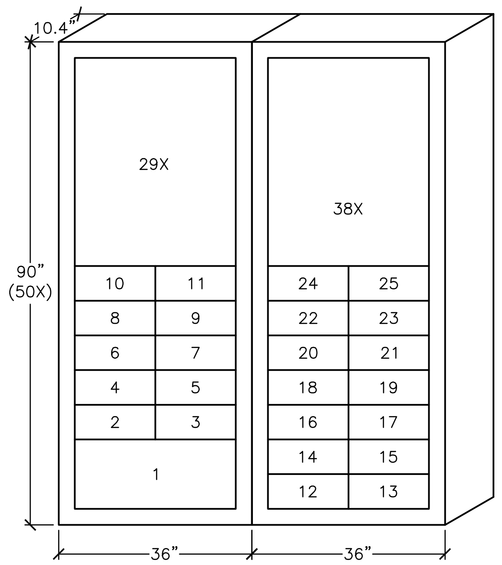
1 Power Distribution Panelboard - PDPHA
SCALE: 3/4" = 1'-0" (NORMAL)



480/277V 3Ø, 4W
600A BUS
35,000 AMPS IC

POSITION	CIRCUIT BREAKER SIZE	EQUIPMENT SERVIED	CONNECTED LOAD–KVA	DEMAND LOAD–KVA
1	600A–3P	MCB	---	---
2	100A–3P	AHU – (SF)	51.8	44.0
3	100A–3P	SPARE	---	---
4	100A–3P	SPARE	---	---
5	80A–3P	HUMIDIFIER	48.2	41.0
6	80A–3P	HUMIDIFIER	48.2	41.0
7	30A–3P	CWP	16.7	14.2
8	30A–3P	CWP	16.7	14.2
9	70A–3P	SPARE	---	---
10	60A–3P	AHU – (RF)	21.5	18.3
11	60A–3P	SPARE	---	---
12	50A–3P	SPARE	---	---
13	20A–3P	EXHAUST FAN	1.5	1.2
		TOTAL	204.60	173.90

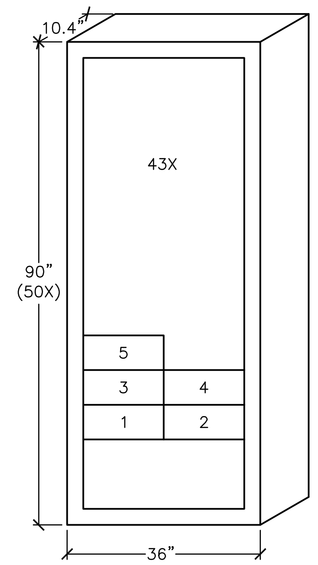
2 Power Distribution Panelboard - PDPHB
SCALE: 3/4" = 1'-0" (EQUIPMENT NORMAL)



480/277V 3Ø, 4W
600A BUS
35,000 AMPS IC

POSITION	CIRCUIT BREAKER SIZE	EQUIPMENT SERVIED	CONNECTED LOAD–KVA	DEMAND LOAD–KVA
1	600A–3P	MCB	---	---
2	125A–3P	T–3	64.4	54.7
3	125A–3P	T–4	30.2	25.7
4	100A–3P	AHU – 1(SF)	51.8	44
5	100A–3P	SPARE	---	---
6	100A–3P	SPARE	---	---
7	90A–3P	HWP #3	41.4	35.2
8	90A–3P	HWP #4	41.4	35.2
9	60A–3P	SPARE	---	---
10	40A–3P	AHU – 1(RF)	21.5	18.3
11	50A–3P	SPARE	---	---
12	30A–3P	SPLIT COND. UNIT SSAC–C1	16.6	14.1
13	30A–3P	SPLIT COND. UNIT SSAC–C2	13.3	11.3
14	30A–3P	SPLIT COND. UNIT SSAC–C3	9.14	8.0
15	30A–3P	SNOW MELT SYSTEM	9.0	8.1
16	30A–3P	SPARE	---	---
17	30A–3P	SPARE	---	---
18	20A–3P	DWP #1	6.1	5.1
19	20A–3P	DWP #2	6.1	5.1
20	20A–3P	STEAM COND. PUMP	2.1	1.7
21	20A–3P	MAU-1	2.7	2.2
22	20A–3P	ROLLING GATE	1.5	1.2
23	20A–3P	JOCKEY PUMP	3.8	3.2
24	20A–3P	SPARE	---	---
25	20A–3P	SPARE	---	---
		TOTAL	321.04	273.10

3 Power Distribution Panelboard - PDPHC
SCALE: 3/4" = 1'-0" (EQUIPMENT NE)



480/277V 3Ø, 4W
400A BUS
35,000 AMPS IC

POSITION	CIRCUIT BREAKER SIZE	EQUIPMENT SERVIED	CONNECTED LOAD–KVA	DEMAND LOAD–KVA
1	200A–3P	ELEVATOR	41.4	35.2
2	200A–3P	ELEVATOR	41.4	35.2
3	200A–3P	ELEVATOR	61.4	52.2
4	200A–3P	ELEVATOR	61.4	52.2
5	125A–3P	SPARE	---	---
		TOTAL	205.60	174.80

4 Power Distribution Panelboard - PDPHD
SCALE: 3/4" = 1'-0" (ELEVATOR NE)

FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions:	Date

CONSULTANTS:

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ARCHITECT/ENGINEERS:

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
DESIGN/BUILD

ASTORINO

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TEL 412 765 1700 FAX 412 765 1711 www.astorino.com

Drawing Title: **Panel Elevations**

Approved: Project Director

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

Location: **VAPHS UNIVERSITY DRIVE**

Date | Checked: **TMR** | Drawn: **LLG**

Project Number: **646CA2500R**

Building Number: **30**

Drawing Number: **EP2-202**

Dwg. of

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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