Branch Panel: G1-B200

Panel Location:
Supply From:
Mounting: SURFACE
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Bus Rating: 100 A
MCB Rating: 100 A

Notes: NEW PANELBOARD

CKT	Circuit Description	Trip (A)	Poles	"A"		"B"		"C"		Poles	Trip (A)	Circuit Description	CKT
1	FACP	20	1	1000	1000					1	20	NAC	2
3	FRP	20	1			1000	1000			1	20	FRP	4
5	NAC	20	1					1000	1000	1	20	FRP	6
7	FRP	20	1	1000	960					1	20	NITROGEN GENERATOR	8
9	SPARE	20	1			0	960			1	20	NITROGEN GENERATOR	10
11	SPARE	20	1					0	0	1	20	SPARE	12
13	SPARE	20	1	0	0					1	20	SPARE	14
15	SPARE	20	1			0	0			1	20	SPARE	16
17	SPARE	20	1					0	0	1	20	SPARE	18
19	SPARE	20	1	0	--					1	--	SPACE	20
21	SPACE	--	1			--	--			1	--	SPACE	22
23	SPACE	--	1					--	--	1	--	SPACE	24
			Total Load:	3960 VA		2960 VA		2000 VA					
			Total Amps:	34 A		26 A		17 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	8920 VA	100.00%	8920 VA		
				Total Conn. Load:	8920 VA
				Total Est. Demand:	8920 VA
				Total Conn. Current:	26 A
				Total Est. Demand Current:	25 A

Branch Panel: G2-B200

Panel Location:
Supply From:
Mounting: SURFACE
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Bus Rating: 225 A
MCB Rating: 175 A

Notes: NEW PANELBOARD

CKT	Circuit Description	Trip (A)	Poles	"A"		"B"		"C"		Poles	Trip (A)	Circuit Description	CKT
1	RCPT SERVER	20	1	1000	1000					1	20	RCPT SERVER	2
3	RCPT SERVER	20	1			1000	1000			1	20	RCPT SERVER	4
5	RCPT SERVER	20	1					1000	1000	1	20	RCPT SERVER	6
7	RCPT SERVER	20	1	1000	1000					1	20	RCPT SERVER	8
9	BATTERY CHARGER	20	1			1000	1000			1	20	BLOCK HEATER	10
11	UNIT HEATER	30	2					2500	0	3	100	UTILITY PANEL	12
13	--	--	--	2500	0					--	--	--	14
15	UNIT HEATER	30	2			1500	0			--	--	--	16
17	--	--	--					1500	0	1	20	SPARE	18
19	SPARE	20	1	0	0					1	20	SPARE	20
21	SPARE	20	1			0	0			1	20	SPARE	22
23	SPARE	20	1					0	0	1	20	SPARE	24
			Total Load:	6500 VA		5500 VA		6000 VA					
			Total Amps:	55 A		46 A		51 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	10000 VA	100.00%	10000 VA		
Receptacle	8000 VA	100.00%	8000 VA	**Total Conn. Load:**	18000 VA
				Total Est. Demand:	18000 VA
				Total Conn. Current:	50 A
				Total Est. Demand Current:	50 A

Branch Panel: G1-B300

Panel Location:
Supply From:
Mounting: SURFACE
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Bus Rating: 100 A
MCB Rating: 100 A

Notes: NEW PANELBOARD

CKT	Circuit Description	Trip (A)	Poles	"A"		"B"		"C"		Poles	Trip (A)	Circuit Description	CKT
1	FACP	20	1	1000	1000					1	20	NAC	2
3	FRP	20	1			1000	1000			1	20	NAC	4
5	FRP	20	1					1000	800	1	20	NITROGEN GENERATOR	6
7	SPARE	20	1	0	0					1	20	SPARE	8
9	SPARE	20	1			0	0			1	20	SPARE	10
11	SPARE	20	1					0	0	1	20	SPARE	12
13	SPARE	20	1	0	0					1	20	SPARE	14
15	SPACE	--	1			--	--			1	--	SPACE	16
17	SPACE	--	1					--	--	1	--	SPACE	18
19	SPACE	--	1	--	--					1	--	SPACE	20
21	SPACE	--	1			--	--			1	--	SPACE	22
23	SPACE	--	1					--	--	1	--	SPACE	24
			Total Load:	2000 VA		2000 VA		1800 VA					
			Total Amps:	17 A		17 A		15 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	5800 VA	100.00%	5800 VA		
				Total Conn. Load:	5800 VA
				Total Est. Demand:	5800 VA
				Total Conn. Current:	16 A
				Total Est. Demand Current:	16 A

Branch Panel: G2-B300

Panel Location:
Supply From:
Mounting: SURFACE
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Bus Rating: 100 A
MCB Rating: 100 A

Notes: NEW PANELBOARD

CKT	Circuit Description	Trip (A)	Poles	"A"		"B"		"C"		Poles	Trip (A)	Circuit Description	CKT
1	RCPT SERVER	20	1	1000	1000					1	20	RCPT SERVER	2
3	RCPT SERVER	20	1			1000	1000			1	20	RCPT SERVER	4
5	SPARE	20	1					0	0	1	20	SPARE	6
7	BATTERY CHARGER	20	1	1000	1000					1	20	BLOCK HEATER	8
9	UNIT HEATER	30	2			2500							10
11	--	--	--					2500					12
13	SPARE	20	1	0	0					1	20	SPARE	14
15	SPARE	20	1			0	0			1	20	SPARE	16
17	SPACE	--	1					--	--	1	--	SPACE	18
19	SPACE	--	1	--	--					1	--	SPACE	20
21	SPACE	--	1			--	--			1	--	SPACE	22
23	SPACE	--	1					--	--	1	--	SPACE	24
			Total Load:	4000 VA		4500 VA		2500 VA					
			Total Amps:	35 A		39 A		21 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	7000 VA	100.00%	7000 VA		
Receptacle	4000 VA	100.00%	4000 VA	**Total Conn. Load:**	11000 VA
				Total Est. Demand:	11000 VA
				Total Conn. Current:	32 A
				Total Est. Demand Current:	31 A

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 18900 HILTON HOOVER
MAY 2, 2025

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 13075 JEFFREY CLAYTON ROCKS
MAY 2, 2025

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

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REV	DATE	DESCRIPTION	BY

BILL AND HILLARY CLINTON NATIONAL AIRPORT
LITTLE ROCK, ARKANSAS 72206

FIRE SUPPRESSION IMPROVEMENTS

ELECTRICAL PANEL SCHEDULES - BUILDINGS 200 & 300

JOB NO.: 21A10111
DATE: MAY 2, 2025
DESIGNED BY: JHH
DRAWN BY: JHH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
EP-605

Revit File: Autodesk Docs://21A10111 - LIT Fire Suppression Improvements/23-069 LIT ABP Fire Suppression MEP Model v23.rvt
Plot Date: 5/2/2025 8:02:01 AM
Autodesk Revit 2023