Switchboard: DPC

Location:
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/240 Single Phase
Phases: 1
Wires: 3

A.I.C. Rating: EXISTING
Mains Type: FUSED SWITCH
Mains Rating: 200 A
MCB Rating: 200 A

Notes:
BOLD TEXT INDICATES NEW CIRCUITS.

CKT	Circuit Description	# ofPoles	Frame Size	Trip Rating	A	B	Remarks
1	MAIN SWITCH	2	200 A	200 A	0 VA	0 VA	
2	EXISTING	2	30 A	30 A	0 VA	0 VA	
3	EXISTING	2	30 A	30 A	0 VA	0 VA	
4	EXISTING	2	30 A	30 A	0 VA	0 VA	
5	H/CWP	2	70 A	70 A	4800 VA	4800 VA	RETROFIT NEW 70A FUSED SWITCH
6	EXISTING	2	30 A	30 A	0 VA	0 VA	
7	EXISTING	2	30 A	30 A	0 VA	0 VA	
8	HWP-1	2	50 A	50 A	3360 VA	3360 VA	RETROFIR NEW 70A FUSED SWITCH
9	CWP-1	2	70 A	70 A	4800 VA	4800 VA	RETROFIT NEW 70A FUSED SWITCH
				Total Conn. Load:	12960 VA	12960 VA	
				Total Amps:	108 A	12960 VA	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	25920 VA	100.00%	25920 VA		
				Total Conn. Load:	25920 VA
				Total Est. Demand:	25920 VA
				Total Conn. Current:	108 A
				Total Est. Demand Current:	108 A

Branch Panel: TME

EXISTING

Panel Location:
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/240 Single Phase
Phases: 1
Wires: 3

A.I.C. Rating: 10K AIC
Bus Rating: 100 A
MCB Rating: MLO

Notes:
BOLD TEXT INDICATES NEW CIRCUIT.

CKT	Circuit Description	Trip (A)	Poles	"A"		"B"		Poles	Trip (A)	Circuit Description	CKT
1	EXISTING	20	1	0	0			1	20	EXISTING	2
3	EXISTING	20	1			0	0	1	20	EXISTING	4
5	EXISTING	20	1	0	0			1	20	EXISTING	6
7	EXISTING	20	1			0	0	1	20	EXISTING	8
9	EXISTING	30	2	0	0			1	20	EXISTING	10
11	--	--	--			0	720	1	20	**B-1**	12
13	**B-2**	20	1	720	300			1	20	**B-2 PUMP**	14
15	**B-1 PUMP**	20	1			300	--	1	--	SPACE	16
		Total Load:		1020 VA		1020 VA					
		Total Amps:		9 A		9 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	2040 VA	100.00%	2040 VA		
				Total Conn. Load:	2040 VA
				Total Est. Demand:	2040 VA
				Total Conn. Current:	9 A
				Total Est. Demand Current:	9 A

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 18900
JILTON HOOVER
03-18-25

CERTIFICATE OF AUTHORIZATION
INSIGHT ENGINEERING, PLLC
No. 3523
ARKANSAS

Insight ENGINEERING

UNIVERSITY of ARKANSAS AT PINE BLUFF 1873

UAPB L.A. DAVIS STUDENT UNION

1200 UNIVERSITY DR, PINE BLUFF AR, 71601

REVISIONS:

No.	Description	Date

CONSTRUCTION DOCUMENTS

ISSUE DATE: 03-18-25

PROJECT NUMBER: 24-113

SHEET TITLE:
SCHEDULES - ELECTRICAL

SHEET NUMBER:
E301