PANEL: P3A

VOLTAGE 480/277,3Ø,4W

225 AMP
- ☐ FACTORY MAIN CIRCUIT BREAKER
- ☐ SHUNT TRIP MAIN CB
- ■ MAIN LUGS ONLY
- ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ☐ SURFACE ☐ RECESSED
- ☐ FREE STANDING (FRONT ACCESS ONLY)
- ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE
- ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION)
- ☐ NEMA 3R
- ☐ NEMA 4X 320 STAINLESS STEEL
- ☐ LOCKABLE COVER

FEED ☐ TOP ■ BOTTOM

BRANCHES
- ■ BOLT-ON, PANELBOARD CONSTR
- ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES...
- ☐ PLUG-ON, LOADCENTER CONSTR.

- ■ FULLY RATED
- ☐ SERIES RATED
- ■ FURNISH GROUND BAR KIT
- ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT
- ☐ SERVICE ENTRANCE LABEL

A.I.C. Rating: 22k

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	A	B	C	# POLES	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	20 A	12	12	1/2"	LIGHTING MED PREP ROOM...		1	3761 VA			959 VA			1		CORRDIOR LIGHTING	1/2"	12	12	20 A	2
3	20 A	12	12	1/2"	POWER MECHANICAL 313		1		0 VA			2455 VA		1		LIGHTING ROOM 306-1, 306B	1/2"	12	12	20 A	4
5	20 A	12	12	1/2"	TERMINAL BOXES		1			2393 VA			3767 VA	1		TERMINAL BOXES	1/2"	12	12	20 A	6
7	20 A	12	12	1/2"	TERMINAL BOX ROOM 306-1		1	2172 VA			4853 VA			1		TERMINAL BOXES	1/2"	12	12	20 A	8
9									9553 VA			798 VA		1		FCU	1/2"	12	12	20 A	10
11	70 A	4	8	1-1/4"	PANEL 3A(VIA TRANSFORMER)		3			7953 VA			1086 VA	1		FCU	1/2"	12	12	20 A	12
13								9027 VA			4611 VA										14
15									0 VA			4611 VA		3		AHU-3-2	3/4"	10	10	30 A	16
17	70 A	4	8	1-1/4"	PANEL 3B(VIA TRANSFORMER)		3			0 VA			4611 VA								18
19								0 VA			0 VA										20
21	20 A	--	--	--	SPARE	--	1		0 VA			0 VA		3	--	SPD	--	--	--	60 A	22
23	20 A	--	--	--	SPARE	--	1			0 VA			0 VA								24
25	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE	--	--	--	20 A	26
27	--	--	--	--	PROVISIONED SPACE	--	1		--			0 VA		1	--	SPARE	--	--	--	20 A	28
29	--	--	--	--	PROVISIONED SPACE	--	1			--			0 VA	1	--	SPARE	--	--	--	20 A	30
31	--	--	--	--	PROVISIONED SPACE	--	1	--			0 VA			1	--	SPARE	--	--	--	20 A	32
33	--	--	--	--	PROVISIONED SPACE	--	1		--			--		1	--	PROVISIONED SPACE	--	--	--	--	34
35	--	--	--	--	PROVISIONED SPACE	--	1			--			--	1	--	PROVISIONED SPACE	--	--	--	--	36
37	--	--	--	--	PROVISIONED SPACE	--	1	--			--			1	--	PROVISIONED SPACE	--	--	--	--	38
39	--	--	--	--	PROVISIONED SPACE	--	1		--			--		1	--	PROVISIONED SPACE	--	--	--	--	40
41	--	--	--	--	PROVISIONED SPACE	--	1			--			--	1	--	PROVISIONED SPACE	--	--	--	--	42

TOTAL LOAD = 56.8...
TOTAL AMPS = 68 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
LIGHTING	6455 VA	100.00%	6455 VA		
Other	720 VA	100.00%	720 VA	**Total Conn. Load:**	62611 VA
Power	0 VA	0.00%	0 VA	**Total Est. Load:**	56.8 kVA
RECEP	21600 VA	73.15%	15800 VA	**Total Conn.:**	75 A
A/C SPLIT SYSTEM	1660 VA	100.00%	1660 VA	**Total Est. Amps:**	68 A
HEAT STRIP/ ELEC HEAT	13834 VA	100.00%	13834 VA		
EF	2074 VA	100.00%	2074 VA		
TERMINAL BOX	15069 VA	100.00%	15069 VA		
Receptacle	1200 VA	100.00%	1200 VA		

Notes:

PANEL: P4A

VOLTAGE 480/277,3Ø,4W

225 AMP
- ☐ FACTORY MAIN CIRCUIT BREAKER
- ☐ SHUNT TRIP MAIN CB
- ■ MAIN LUGS ONLY
- ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ■ SURFACE ☐ RECESSED
- ☐ FREE STANDING (FRONT ACCESS ONLY)
- ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE
- ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION)
- ☐ NEMA 3R
- ☐ NEMA 4X 320 STAINLESS STEEL
- ☐ LOCKABLE COVER

FEED ☐ TOP ■ BOTTOM

BRANCHES
- ■ BOLT-ON, PANELBOARD CONSTR
- ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES...
- ☐ PLUG-ON, LOADCENTER CONSTR.

- ■ FULLY RATED
- ☐ SERIES RATED
- ■ FURNISH GROUND BAR KIT
- ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT
- ☐ SERVICE ENTRANCE LABEL

A.I.C. Rating: 22k

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	A	B	C	# POLES	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	20 A	12	12	1/2"	CORRDIOR LIGHTING		1	715 VA			1921 VA			1		LIGHTING ROOM 461, 459, 46...	1/2"	12	12	20 A	2
3	20 A	12	12	1/2"	LIGHTING ROOM 423, 425, 43...		1		1528 VA			2257 VA		1		LIGHTING ROOM 451, 449, 44...	1/2"	12	12	20 A	4
5	20 A	12	12	1/2"	LIGHTING ROOM 403, 405, 40...		1			1983 VA			0 VA	1		POWER MECHANICAL 432	1/2"	12	12	20 A	6
7	20 A	12	12	1/2"	EXTERIOR LIGHTING		1	1008 VA			3989 VA			1		TERMINAL BOX ROOM 429,...	1/2"	12	12	20 A	8
9	20 A	12	12	1/2"	TERMINAL BOX ROOM 449,...		1		3989 VA			3989 VA		1		TERMINAL BOX ROOM 405,...	1/2"	12	12	20 A	10
11	20 A	12	12	1/2"	TERMINAL BOX ROOM 455,...		1			5584 VA			3902 VA								12
13	20 A	12	12	1/2"	TERMINAL BOX ROOM 440,...		1	2393 VA			3902 VA			3		AHU-4-2	1/2"	12	12	30 A	14
15	20 A	12	12	1/2"	POWER		1		0 VA			3902 VA									16
17	20 A	12	12	1/2"	POWER		1			500 VA			19199...								18
19	20 A	12	12	1/2"	POWER		1	0 VA			18845 VA			3		PANEL 4A(VIA TRANSFORMER)	1-1/4"	8	4	70 A	20
21									0 VA			18545...									22
23	60 A	--	--	--	SPD	--	3			0 VA			0 VA	1	--	SPARE	--	--	--	20 A	24
25								0 VA			0 VA			1	--	SPARE	--	--	--	20 A	26
27	20 A	--	--	--	SPARE	--	1		0 VA			0 VA		1	--	SPARE	--	--	--	20 A	28
29	20 A	--	--	--	SPARE	--	1			0 VA			0 VA	1	--	SPARE	--	--	--	20 A	30
31	20 A	--	--	--	SPARE	--	1	0 VA			--			1	--	PROVISIONED SPACE	--	--	--	--	32
33	20 A	--	--	--	SPARE	--	1		0 VA			--		1	--	PROVISIONED SPACE	--	--	--	--	34
35	--	--	--	--	PROVISIONED SPACE	--	1			--			--	1	--	PROVISIONED SPACE	--	--	--	--	36
37	--	--	--	--	PROVISIONED SPACE	--	1	--			--			1	--	PROVISIONED SPACE	--	--	--	--	38
39	--	--	--	--	PROVISIONED SPACE	--	1		--			--		1	--	PROVISIONED SPACE	--	--	--	--	40
41	--	--	--	--	PROVISIONED SPACE	--	1			--			--	1	--	PROVISIONED SPACE	--	--	--	--	42

TOTAL LOAD = 76.6...
TOTAL AMPS = 92 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	1660 VA	100.00%	1660 VA		
LIGHTING	8931 VA	100.00%	8931 VA	**Total Conn. Load:**	98149 VA
Other	480 VA	100.00%	480 VA	**Total Est. Load:**	76.6 kVA
Power	500 VA	100.00%	500 VA	**Total Conn.:**	118 A
RECEP	53000 VA	59.43%	31500 VA	**Total Est. Amps:**	92 A
HEAT STRIP/ ELEC HEAT	11706 VA	100.00%	11706 VA		
TERMINAL BOX	21672 VA	100.00%	21672 VA		
Receptacle	200 VA	100.00%	200 VA		

Notes:

PANEL: P3B

VOLTAGE 480/277,3Ø,4W

125 AMP
- ☐ FACTORY MAIN CIRCUIT BREAKER
- ☐ SHUNT TRIP MAIN CB
- ■ MAIN LUGS ONLY
- ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ■ SURFACE ☐ RECESSED
- ☐ FREE STANDING (FRONT ACCESS ONLY)
- ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE
- ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION)
- ☐ NEMA 3R
- ☐ NEMA 4X 320 STAINLESS STEEL
- ☐ LOCKABLE COVER

FEED ☐ TOP ■ BOTTOM

BRANCHES
- ■ BOLT-ON, PANELBOARD CONSTR
- ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES...
- ☐ PLUG-ON, LOADCENTER CONSTR.

- ■ FULLY RATED
- ☐ SERIES RATED
- ■ FURNISH GROUND BAR KIT
- ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT
- ☐ SERVICE ENTRANCE LABEL

A.I.C. Rating: 22k

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	A	B	C	# POLES	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	20 A	12	12	1/2"	LIGHTING ROOM 301, 302, 303		1	1630 VA			0 VA			1		POWER MECHANICAL 303	1/2"	12	12	20 A	2
3									7360 VA			2393 VA		1		TERMINAL BOXES	1/2"	12	12	20 A	4
5	40 A	8	10	3/4"	AHU-3-1		3			7360 VA			11453...								6
7								7360 VA			10553 VA			3		PANEL 3C(VIA TRANSFORMER)	1-1/4"	8	4	70 A	8
9									7360 VA			9053 VA									10
11	40 A	8	10	3/4"	AHU-4-1		3			7360 VA			0 VA								12
13								7360 VA			0 VA			3	--	SPD	--	--	--	60 A	14
15	20 A	--	--	--	SPARE	--	1		0 VA			0 VA									16
17	20 A	--	--	--	SPARE	--	1			0 VA			0 VA	1	--	SPARE	--	--	--	20 A	18
19	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE	--	--	--	20 A	20
21	--	--	--	--	PROVISIONED SPACE	--	1		--			0 VA		1	--	SPARE	--	--	--	20 A	22
23	--	--	--	--	PROVISIONED SPACE	--	1			--			0 VA	1	--	SPARE	--	--	--	20 A	24
25	--	--	--	--	PROVISIONED SPACE	--	1	--			--			1	--	PROVISIONED SPACE	--	--	--	--	26
27	--	--	--	--	PROVISIONED SPACE	--	1		--			--		1	--	PROVISIONED SPACE	--	--	--	--	28
29	--	--	--	--	PROVISIONED SPACE	--	1			--			--	1	--	PROVISIONED SPACE	--	--	--	--	30
31	--	--	--	--	PROVISIONED SPACE	--	1	--			--			1	--	PROVISIONED SPACE	--	--	--	--	32
33	--	--	--	--	PROVISIONED SPACE	--	1		--			--		1	--	PROVISIONED SPACE	--	--	--	--	34
35	--	--	--	--	PROVISIONED SPACE	--	1			--			--	1	--	PROVISIONED SPACE	--	--	--	--	36
37	--	--	--	--	PROVISIONED SPACE	--	1	--			--			1	--	PROVISIONED SPACE	--	--	--	--	38
39	--	--	--	--	PROVISIONED SPACE	--	1		--			--		1	--	PROVISIONED SPACE	--	--	--	--	40
41	--	--	--	--	PROVISIONED SPACE	--	1			--			--	1	--	PROVISIONED SPACE	--	--	--	--	42

TOTAL LOAD = 70.9...
TOTAL AMPS = 85 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
LIGHTING	1630 VA	100.00%	1630 VA		
Power	0 VA	0.00%	0 VA	**Total Conn. Load:**	79245 VA
RECEP	26600 VA	68.80%	18300 VA	**Total Est. Load:**	70.9 kVA
A/C SPLIT SYSTEM	1660 VA	100.00%	1660 VA	**Total Conn.:**	95 A
HEAT STRIP/ ELEC HEAT	44162 VA	100.00%	44162 VA	**Total Est. Amps:**	85 A
TERMINAL BOX	2393 VA	100.00%	2393 VA		
Receptacle	2800 VA	100.00%	2800 VA		

Notes:

PANEL: CP

A.I.C. Rating: 42k ⚠

VOLTAGE 480/277,3Ø,4W

400 AMP
- ☐ FACTORY MAIN CIRCUIT BREAKER
- ☐ SHUNT TRIP MAIN CB
- ■ MAIN LUGS ONLY
- ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ■ SURFACE ☐ RECESSED
- ☐ FREE STANDING (FRONT ACCESS ONLY)
- ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE
- ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION)
- ☐ NEMA 3R
- ☐ NEMA 4X 320 STAINLESS STEEL
- ☐ LOCKABLE COVER

FEED ☐ TOP ■ BOTTOM

BRANCHES
- ■ BOLT-ON, PANELBOARD CONSTR
- ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES...
- ☐ PLUG-ON, LOADCENTER CONSTR.

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- ☐ SERIES RATED
- ■ FURNISH GROUND BAR KIT
- ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT
- ☐ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	A	B	C	# POLES	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1								3104 VA			3104 VA										2
3	30 A	10	10	3/4"	CT-2		3		3104 VA			3104 VA		3		CT-1	3/4"	10	10	30 A	4
5										3104 VA			3104 VA								6
7								8868 VA			8868 VA										8
9	70 A	8	10	3/4"	CHWP-1		3		8868 VA			8868 VA		3		CHWP-3	3/4"	10	8	70 A	10
11										8868 VA			8868 VA								12
13								8868 VA			5986 VA										14
15	70 A	8	10	3/4"	CHWP-2		3		8868 VA			5986 VA		3		CWP-1	3/4"	10	8	60 A	16
17										8868 VA			5986 VA								18
19								5986 VA			5986 VA										20
21	60 A	8	10	3/4"	CWP-2		3		5986 VA			5986 VA		3		CWP-3	3/4"	10	8	60 A	22
23										5986 VA			5986 VA								24
25								3104 VA			3104 VA										26
27	20 A	12	12	1/2"	HWP-1		3		3104 VA			3104 VA		3		HWP-2	1/2"	12	12	20 A	28
29										3104 VA			3104 VA								30
31								1108 VA			1685 VA										32
33	20 A	12	12	1/2"	MED AIR COMPRESSOR		3		1108 VA			1685 VA		3		DP-1	1/2"	12	12	20 A	34
35										1108 VA			1685 VA								36
37								0 VA			1108 VA										38
39	60 A	--	--	--	SPD	--	3		0 VA			1108 VA		3		VACCUM PUMP	1/2"	12	12	20 A	40
41										0 VA			1108 VA								42
43								5000 VA			5000 VA										44
45	30 A	10	10	3/4"	BASIN HEATER		3		5000 VA			5000 VA		3		BASIN HEATER	3/4"	10	10	30 A	46
47										5000 VA			5000 VA								48
49																					50
51																					52
53																					54
55																					56
57																					58
59																					60

TOTAL LOAD = 212.6...
TOTAL AMPS = 256 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
A/C SPLIT SYSTEM	48622 VA	100.00%	48622 VA		
PUMP	164011 VA	100.00%	164011 VA	**Total Conn. Load:**	212633 VA
				Total Est. Load:	212.6 kVA
				Total Conn.:	256 A
				Total Est. Amps:	256 A

Notes:

GENERAL NOTES

KEYNOTES

LEGEND

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

TIPTON ASSOCIATES

CONSULTANTS
Moncaux-Butler & Associates, LLC — Mechanical, Plumbing, Fire Protection
CARBO Landscape Architecture, LLC — Landscape
Fox-Nesbit Engineering, LLC — Structural
Sabe O'Brien — Electrical, Fire Alarm
Montemurro Petroleum Consultants — Mechanical, Plumbing, Electrical
Associated Design Group, Inc. — Civil
Geisler — Specialty Architectural

ISSUE FOR BID

LOUISIANA STATE UNIVERSITY
ALEXANDRIA
DOWNTOWN HEALTH SERVICES CENTER

800 JACKSON ST.
ALEXANDRIA, LA 71301

PROJECT # 19-602-23-01 IRBS: F.19002498
ARCH PROJECT # 2023.28 / 1531.00-23
SITE ID: NEW SITE CODE: 6-40-023
DATE October 10, 2025

Ashe Broussard Weinzettle Architects, LLP
Tipton Associates APAC, A Joint Venture
301 Jackson Street, Suite 205
Alexandria, LA 71301

NO.	REVISION	DATE
1	Addendum #2	12/03/2025

KEYPLAN

ADG ENGINEERING
ASSOCIATED DESIGN GROUP, INC.
3909 West Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

Project No. 24174

ELECTRICAL PANEL SCHEDULES

E406R1