PANEL: P1A

A.I.C. Rating: 22k

VOLTAGE 480/277,3Ø,4W

AMP 225

- ☐ 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

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	20 A	12	12	1/2"	LIGHTING		1	54 VA		1977 VA		LIGHTING	1/2"	12	12	20 A	2
3	20 A	12	12	1/2"	LIGHTING		1		800 VA		930 VA	LIGHTING	1/2"	12	12	20 A	4
5	20 A	12	12	1/2"	LIGHTING		1			1969 VA	468 VA	LIGHTING	1/2"	12	12	20 A	6
7	20 A	12	12	1/2"	LIGHTING		1	313 VA			0 VA	SIGN LIGHTING	1/2"	12	12	20 A	8
9	20 A	12	12	1/2"	POWER		1		0 VA		3902 VA						10
11	20 A	12	12	1/2"	DMS-1-1		1			4200 VA	3902 VA	AHU-1-4	1/2"	12	12	20 A	12
13	20 A	12	12	1/2"	TERMINAL BOXES		1	3191 VA			3902 VA						14
15	20 A	12	12	1/2"	POWER		1		0 VA		17638...						16
17										3902 VA		PANEL 1A (VIA TRANSFORMER)	1-1/4"	8	4	70 A	18
19	20 A	12	12	1/2"	AHU-1-3		3	3902 VA			11666 VA						20
21									3902 VA		6667 VA						22
23	20 A	--	--	--	SPARE	--	1			0 VA		IWH-1	1"	8	8	30 A	24
25	20 A	--	--	--	SPARE	--	1	0 VA			6667 VA						26
27	20 A	--	--	--	SPARE	--	1		0 VA		0 VA	SPARE	--	--	--	20 A	28
29	20 A	--	--	--	SPARE	--	1			0 VA		SPARE	--	--	--	20 A	30
31	--	--	--	--	PROVISIONED SPACE	--	1	--			0 VA	SPARE	--	--	--	20 A	32
33	--	--	--	--	PROVISIONED SPACE	--	1		--			SPARE	--	--	--	20 A	34
35	--	--	--	--	PROVISIONED SPACE	--	1			--	0 VA	SPARE	--	--	--	20 A	36
37	--	--	--	--	PROVISIONED SPACE	--	1	--				PROVISIONED SPACE	--	--	--	--	38
39	--	--	--	--	PROVISIONED SPACE	--	1		--		--	PROVISIONED SPACE	--	--	--	--	40
41	--	--	--	--	PROVISIONED SPACE	--	1			--	--	PROVISIONED SPACE	--	--	--	--	42

TOTAL LOAD = 94.7...
TOTAL AMPS = 114 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
LIGHTING	5790 VA	100.00%	5790 VA		
Other	720 VA	100.00%	720 VA	**Total Conn. Load:**	101646 VA
Power	11400 VA	100.00%	11400 VA	**Total Est. Load:**	94.7 kVA
RECEP	23940 VA	70.89%	16970 VA	**Total Conn.:**	122 A
A/C SPLIT SYSTEM	21660 VA	100.00%	21660 VA	**Total Est. Amps:**	114 A
HEAT STRIP/ ELEC HEAT	23411 VA	100.00%	23411 VA		
WATER HEATING	19 VA	100.00%	19 VA		
EF	2074 VA	100.00%	2074 VA		
PUMP	9095 VA	100.00%	9095 VA		
TERMINAL BOX	3537 VA	100.00%	3537 VA		

Notes:

PANEL: P1B

A.I.C. Rating: 22k

VOLTAGE 480/277,3Ø,4W

AMP 225

- ☐ 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

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	20 A	12	12	1/2"	LIGHTING		1	991 VA		365 VA		LIGHTING	1/2"	12	12	20 A	2
3	20 A	12	12	1/2"	LIGHTING		1		98 VA		879 VA	LIGHTING	1/2"	12	12	20 A	4
5	20 A	12	12	1/2"	LIGHTING		1			1141 VA	0 VA	TERMINAL BOXES	1/2"	12	12	20 A	6
7	20 A	12	12	1/2"	LIGHTING		1	676 VA			3258 VA	TERMINAL BOXES	1/2"	12	12	20 A	8
9	20 A	12	12	1/2"	LIGHTING		1		1055 VA		3902 VA						10
11	20 A	12	12	1/2"	POWER		1			0 VA		3902 VA	3		AHU-1-2	1/2"	12	12	20 A	12
13								3902 VA			3902 VA						14
15	20 A	12	12	1/2	AHU-1-1		3		3902 VA		29845...						16
17										3902 VA		35153...	3		PANEL 1B (VIA TRANSFORMER)	1-1/4"	8	4	70 A	18
19	20 A	--	--	--	SPARE	--	1	0 VA			34353 VA						20
21	20 A	--	--	--	SPARE	--	1		0 VA		0 VA		1	--	SPARE	--	--	--	20 A	22
23	20 A	--	--	--	SPARE	--	1			0 VA		0 VA	1	--	SPARE	--	--	--	20 A	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			--			1	--	SPARE	--	--	--	20 A	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 = 127.3...
TOTAL AMPS = 153 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
LIGHTING	5205 VA	100.00%	5205 VA		
Other	0 VA	0.00%	0 VA	**Total Conn. Load:**	131225 VA
Power	81372 VA	100.00%	81372 VA	**Total Est. Load:**	127.3 kVA
RECEP	17800 VA	78.09%	13900 VA	**Total Conn.:**	158 A
A/C SPLIT SYSTEM	1660 VA	100.00%	1660 VA	**Total Est. Amps:**	153 A
HEAT STRIP/ ELEC HEAT	23411 VA	100.00%	23411 VA		
TERMINAL BOX	1777 VA	100.00%	1777 VA		

Notes:

PANEL: P2A

A.I.C. Rating: 22k

VOLTAGE 480/277,3Ø,4W

AMP 225

- ☐ 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

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	20 A	12	12	1/2"	LIGHTING		1	3309 VA		1934 VA		LIGHTING ROOM 225, 226, 22...	1/2"	12	12	20 A	2
3	20 A	12	12	1/2"	TERMINAL BOXES		1		2393 VA		0 VA	POWER MECHANICAL 238	1/2"	12	12	20 A	4
5	20 A	12	12	1/2"	TERMINAL BOXES		1			2393 VA	3191 VA	TERMINAL BOXES	1/2"	12	12	20 A	6
7								6695 VA			18036 VA						8
9	40 A	10	10	3/4"	AHU-2-3		3		6695 VA		14445...						10
11										6695 VA		13153...	3		PANEL 2A (VIA TRANSFORMER)	1-1/4"	8	4	70 A	12
13	20 A	--	--	--	SPARE	--	1	0 VA			0 VA		1	--	SPARE	--	--	--	20 A	14
15	20 A	--	--	--	SPARE	--	1		0 VA			0 VA	1	--	SPARE	--	--	--	20 A	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		--		--		1	--	PROVISIONED SPACE	--	--	--	--	22
23	--	--	--	--	PROVISIONED SPACE	--	1			--		--	1	--	PROVISIONED SPACE	--	--	--	--	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 = 63.0...
TOTAL AMPS = 76 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
LIGHTING	4524 VA	100.00%	4524 VA		
Other	720 VA	100.00%	720 VA	**Total Conn. Load:**	78940 VA
Power	0 VA	0.00%	0 VA	**Total Est. Load:**	63.0 kVA
RECEP	41900 VA	61.93%	25950 VA	**Total Conn.:**	95 A
A/C SPLIT SYSTEM	1660 VA	100.00%	1660 VA	**Total Est. Amps:**	76 A
HEAT STRIP/ ELEC HEAT	20086 VA	100.00%	20086 VA		
EF	2074 VA	100.00%	2074 VA		
TERMINAL BOX	7978 VA	100.00%	7978 VA		

Notes:

PANEL: P2B

A.I.C. Rating: 22k

VOLTAGE 480/277,3Ø,4W

AMP 225

- ☐ 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

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	20 A	12	12	1/2"	LIGHTING ROOM 202, 204, 20...		1	2011 VA		1054 VA		CORRDIOR LIGHTING	1/2"	12	12	20 A	2
3	20 A	12	12	1/2"	POWER MECHANICAL 212		1		0 VA		2028 VA	LIGHTING ROOM 214, 213, 21...	1/2"	12	12	20 A	4
5	20 A	12	12	1/2"	TERMINAL BOXES		1			4055 VA		7360 VA					6
7	20 A	12	12	1/2"	TERMINAL BOXES		1	2681 VA			7360 VA		3		AHU-2-2	3/4"	10	8	40 A	8
9									6695 VA			7360 VA					10
11	35 A	8	10	3/4"	AHU-2-1		3			6695 VA		15519...					12
13								6695 VA			15519 VA		3		XRAY MDP	2"	6	1	125 A	14
15									15519...			15519...					16
17	125 A	1	6	2"	XRAY MDP		3			15519 VA							18
19								15519...			14745 VA		3		PANEL 2B (VIA TRANSFORMER)	1-1/4"	8	4	70 A	20
21	20 A	--	--	--	SPARE	--	1		0 VA			14153...					22
23	20 A	--	--	--	SPARE	--	1			0 VA		0 VA	1	--	SPARE	--	--	--	20 A	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			--	--		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 = 175.1...
TOTAL AMPS = 211 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	93112 VA	100.00%	93112 VA		
LIGHTING	5094 VA	100.00%	5094 VA	**Total Conn. Load:**	189460 VA
Power	400 VA	100.00%	400 VA	**Total Est. Load:**	175.1 kVA
RECEP	38800 VA	62.89%	24400 VA	**Total Conn.:**	228 A
A/C SPLIT SYSTEM	1660 VA	100.00%	1660 VA	**Total Est. Amps:**	211 A
HEAT STRIP/ ELEC HEAT	42167 VA	100.00%	42167 VA		
EF	691 VA	100.00%	691 VA		
TERMINAL BOX	6737 VA	100.00%	6737 VA		
Receptacle	800 VA	100.00%	800 VA		

Notes:

GENERAL NOTES

KEYNOTES

LEGEND

ADG ENGINEERING
ASSOCIATED DESIGN GROUP, INC.
3909 West Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
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Project No. 24174

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS
TIPTON ASSOCIATES

CONSULTANTS
Monceaux-Butler & Associates, LLC — Civil
CAMBO Landscape Architecture, LLC — Landscape
Fox-Nesbit Engineering, LLC — Structural
Sabe O'Brien — Mechanical, Plumbing, Fire Protection
Associated Design Group, Inc. — Electrical
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 WBS: F.19002498
ARCH PROJECT # 2023.28 / 1531.00-23
SITE ID: NEW SITE CODE: E-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

KEYPLAN

STATE OF LOUISIANA
DAVID B. STELLY
License No. 26070
09/17/2025
PROFESSIONAL ENGINEER

ELECTRICAL PANEL SCHEDULES

E405