PANEL: X3A

A.I.C. Rating: 10k

VOLTAGE 120/208,3Ø,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

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"	SMOKE CURTAIN		1	0 VA			1000 VA			1		IDF RECP	1/2"	12	12	20 A	2
3	20 A	12	12	1/2"	SMOKE CURTAIN		1		0 VA			1000 VA		1		IDF RECP	1/2"	12	12	20 A	4
5	20 A	--	--	--	SPARE	--	1			0 VA			0 VA	1	--	SPARE	--	--	--	20 A	6
7	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE	--	--	--	20 A	8
9	20 A	--	--	--	SPARE	--	1		0 VA			0 VA		1	--	SPARE	--	--	--	20 A	10
11	20 A	--	--	--	SPARE	--	1			0 VA			0 VA	1	--	SPARE	--	--	--	20 A	12
13	30 A	10	10	3/4"	MINI-SPLIT AC		2	2000 VA			--			1	--	PROVISIONED SPACE	--	--	--	--	14
15									2000 VA			--		1	--	PROVISIONED SPACE	--	--	--	--	16
17										3000 VA			--	1	--	PROVISIONED SPACE	--	--	--	--	18
19	40 A	6	10	1"	PANEL X4A		3	3000 VA			--			1	--	PROVISIONED SPACE	--	--	--	--	20
21									0 VA			--		1	--	PROVISIONED SPACE	--	--	--	--	22
23	20 A	12	12	1/2"	EF ELECTRICAL 316		1			691 VA			--	1	--	PROVISIONED SPACE	--	--	--	--	24

TOTAL LOAD = 12.7...
TOTAL AMPS = 35 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	8000 VA	100.00%	8000 VA		
RECEP	4000 VA	100.00%	4000 VA	Total Conn. Load:	12691 VA
EF	691 VA	100.00%	691 VA	Total Est. Load:	12.7 kVA
				Total Conn.:	35 A
				Total Est. Amps:	35 A

Notes:

PANEL: X4A

A.I.C. Rating: 10k

VOLTAGE 120/208,3Ø,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

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	--	--	--	SPARE	--	1	0 VA			1000 VA			1		IDF RECP	1/2"	12	12	20 A	2
3	20 A	--	--	--	SPARE	--	1		0 VA			1000 VA		1		IDF RECP	1/2"	12	12	20 A	4
5	20 A	--	--	--	SPARE	--	1			0 VA			0 VA	1	--	SPARE	--	--	--	20 A	6
7	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE	--	--	--	20 A	8
9	20 A	--	--	--	SPARE	--	1		0 VA			0 VA		1	--	SPARE	--	--	--	20 A	10
11	20 A	--	--	--	SPARE	--	1			0 VA			0 VA	1	--	SPARE	--	--	--	20 A	12
13								2000 VA			--			1	--	PROVISIONED SPACE	--	--	--	--	14
15	30 A	12	12	1/2"	MINI-SPLIT AC		2		2000 VA			--		1	--	PROVISIONED SPACE	--	--	--	--	16
17	--	--	--	--	PROVISIONED SPACE	--	1			--			--	1	--	PROVISIONED SPACE	--	--	--	--	18
19	--	--	--	--	PROVISIONED SPACE	--	1	--			--			1	--	PROVISIONED SPACE	--	--	--	--	20
21	--	--	--	--	PROVISIONED SPACE	--	1		--			--		1	--	PROVISIONED SPACE	--	--	--	--	22
23	--	--	--	--	PROVISIONED SPACE	--	1			--			--	1	--	PROVISIONED SPACE	--	--	--	--	24

TOTAL LOAD = 6.0 kVA
TOTAL AMPS = 17 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	4000 VA	100.00%	4000 VA		
RECEP	2000 VA	100.00%	2000 VA	Total Conn. Load:	6000 VA
				Total Est. Load:	6.0 kVA
				Total Conn.:	17 A
				Total Est. Amps:	17 A

Notes:

PANEL: XP1A

A.I.C. Rating: 22k

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

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		1	400 VA			132 VA			1		LIGHTING	1/2"	12	12	20 A	2
3	20 A	12	12	1/2"	LIGHTING		1		22 VA			99 VA		1		LIGHTING	1/2"	12	12	20 A	4
5	20 A	12	12	1/2"	LIGHTING		1			22 VA			3921 VA	1		LIGHTING	1/2"	12	12	20 A	6
7	20 A	12	12	1/2"	LIGHTING		1	11 VA			3472 VA			1		LIGHTING	1/2"	12	12	20 A	8
9	20 A	12	12	1/2"	LIGHTING		1		11 VA			2604 VA		1		LIGHTING	1/2"	12	12	20 A	10
11	20 A	12	12	1/2"	LIGHTING ROOM S203		1			621 VA			901 VA	1		LIGHTING ROOM S201, S301,...	1/2"	12	12	20 A	12
13	20 A	12	12	1/2"	LIGHTING ROOM S204, S304,...		1	845 VA			269 VA			1		LIGHTING ROOM C203	1/2"	12	12	20 A	14
15									20000...			259 VA									16
17	70 A	4	8	1-1/4"	PANEL X1A (VIA TRANSFORMER)		3			19791 VA			467 VA	3		PANEL XP2A	1-1/4"	8	4	80 A	18
19								16100...			231 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		--			--		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 = 59.6...
TOTAL AMPS = 72 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
LIGHTING	14287 VA	100.00%	14287 VA		
Power	24000 VA	100.00%	24000 VA	Total Conn. Load:	70178 VA
RECEP	31200 VA	66.03%	20600 VA	Total Est. Load:	59.6 kVA
EF	691 VA	100.00%	691 VA	Total Conn.:	84 A
				Total Est. Amps:	72 A

Notes:

PANEL: XP2A

A.I.C. Rating: 22k

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
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- ■ 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	20 A	12	12	1/2"	LIGHTING		1	259 VA			0 VA			1	--	SPARE	--	--	--	20 A	2
3									467 VA			0 VA		1	--	SPARE	--	--	--	20 A	4
5	60 A	6	10	1"	PANEL XP3A		3			231 VA			0 VA	1	--	SPARE	--	--	--	20 A	6
7								0 VA			--			1	--	PROVISIONED SPACE	--	--	--	--	8
9	20 A	--	--	--	SPARE	--	1		0 VA			--		1	--	PROVISIONED SPACE	--	--	--	--	10
11	20 A	--	--	--	SPARE	--	1			0 VA			--	1	--	PROVISIONED SPACE	--	--	--	--	12
13	20 A	--	--	--	SPARE	--	1	0 VA			--			1	--	PROVISIONED SPACE	--	--	--	--	14
15	20 A	--	--	--	SPARE	--	1		0 VA			--		1	--	PROVISIONED SPACE	--	--	--	--	16
17	20 A	--	--	--	SPARE	--	1			0 VA			--	1	--	PROVISIONED SPACE	--	--	--	--	18
19	--	--	--	--	PROVISIONED SPACE	--	1	--			--			1	--	PROVISIONED SPACE	--	--	--	--	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 = 1.0 kVA
TOTAL AMPS = 1 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
LIGHTING	957 VA	100.00%	957 VA		
				Total Conn. Load:	957 VA
				Total Est. Load:	1.0 kVA
				Total Conn.:	1 A
				Total Est. Amps:	1 A

Notes:

GENERAL NOTES

KEYNOTES

LEGEND

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

TIPTON ASSOCIATES

CONSULTANTS
Moncaux-Bullar & Associates, LLC Civil
CARBO Landscape Architecture, LLC Landscape
Fox-Nesbit Engineering, LLC Structural
Sabe O'Brien Mechanical, Plumbing, Fire Protection
Associated Design Group, Inc. Electrical
Gessler Specialty Architecture

ISSUE FOR BID

LOUISIANA STATE UNIVERSITY ALEXANDRIA

DOWNTOWN HEALTH SERVICES CENTER

800 JACKSON ST.
ALEXANDRIA, LA 71301

PROJECT # 19-802-23-01 WBS: F.190024H6
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

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DAVID E. STEELY
License No. 26070
04/17/2025
PROFESSIONAL ENGINEER

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Project No. 24174

ELECTRICAL PANEL SCHEDULES

E408