PANEL: MDP

A.I.C. Rating: 65k

VOLTAGE 480/277,3Ø,4W

2000 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								50325...			50325 VA										2
3	300 A	250	4	2-1/2"	CHILLER-1		3		50325...			50325...		3		CHILLER-2	2-1/2"	4	250	300 A	4
5										50325 VA			50325...								6
7								4212 VA			4101 VA										8
9	35 A	10	10	3/4"	ELEVATOR 101	*	3		4212 VA			4101 VA		3	*	ELEVATOR 102	3/4"	10	10	35 A	10
11										4212 VA			4101 VA								12
13								21460...			31671 VA										14
15	125 A	1	6	2"	PANEL XP1A (TRANSFER SWITCH)		3		22995...			33838...		3		PANEL P1A	2-1/2"	4	4/0	225 A	16
17										25723 VA			36137...								18
19								20347...			60878 VA										20
21	225 A	4/0	4	2-1/2"	PANEL PK		3		16815...			60878...		3		PANEL CP	3"	3	500	400 A	22
23										12599 VA			60878...								24
25								47447...			65584 VA										26
27	225 A	4/0	4	2-1/2"	PANEL P1B		3		39681...			61274...		3		PANEL P2B	2-1/2"	4	4/0	225 A	28
29										44098 VA			62602...								30
31								29974...			25383 VA										32
33	225 A	4/0	4	2-1/2"	PANEL P2A		3		23533...			17417...		3		PANEL P3A	2-1/2"	4	4/0	225 A	34
35										25433 VA			19811...								36
37								26904...			40072 VA										38
39	125 A	1	6	2"	PANEL P3B		3		26167...			43463...		3		PANEL P4A	2-1/2"	4	4/0	225 A	40
41										26174 VA			42003...								42

TOTAL LOAD = 1259....
TOTAL AMPS = 1515 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Elevator	24941 VA	95.00%	23694 VA		
Equipment	102088 VA	100.00%	102088 VA	Total Conn. Load:	1398129 VA
LIGHTING	51916 VA	100.00%	51916 VA	Total Est. Load:	1259.2 kVA
Other	2640 VA	100.00%	2640 VA	Total Conn.:	1682 A
Power	118596 VA	100.00%	118596 VA	Total Est. Amps:	1515 A
RECEP	285380 VA	51.75%	147690 VA		
A/C SPLIT SYSTEM	80113 VA	100.00%	80113 VA		
HEAT STRIP/ ELEC HEAT	178776 VA	100.00%	178776 VA		
COOKING/ KITCHEN	6240 VA	100.00%	6240 VA		
WATER HEATING	19 VA	100.00%	19 VA		
CHILLER	301950 VA	100.00%	301950 VA		
EF	7603 VA	100.00%	7603 VA		
PUMP	173106 VA	100.00%	173106 VA		
TERMINAL BOX	59761 VA	100.00%	59761 VA		
Receptacle	5000 VA	100.00%	5000 VA		

Notes:
*Shunt Trip Circuit Breaker

PANEL: MDP (SECT 2)

A.I.C. Rating: ____

VOLTAGE 480/277,3Ø,4W

____ 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 #
43																					44
45																					46
47																					48
49																					50
51																					52
53																					54
55																					56
57																					58
59																					60
61																					62
63																					64
65																					66
67																					68
69																					70
71																					72
73																					74
75																					76
77																					78
79																					80
81																					82
83																					84

TOTAL LOAD = 0.0 kVA
TOTAL AMPS = 0 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Load:	0.0 kVA
				Total Conn.:	0 A
				Total Est. Amps:	0 A

Notes:

PANEL: MDP (SECT 3)

A.I.C. Rating: ____

VOLTAGE 480/277,3Ø,4W

____ 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 #
85																					86
87																					88
89																					90
91																					92
93																					94
95																					96
97																					98
99																					100
101																					102
103																					104
105																					106
107																					108
109																					110
111																					112
113																					114
115																					116
117																					118
119																					120
121																					122
123																					124
125																					126

TOTAL LOAD = 0.0 kVA
TOTAL AMPS = 0 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Load:	0.0 kVA
				Total Conn.:	0 A
				Total Est. Amps:	0 A

Notes:

GENERAL NOTES

KEYNOTES

LEGEND

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TIPTON ASSOCIATES

CONSULTANTS
Monceaux-Butler & Associates, LLC Civil
CARBO Landscape Architecture, LLC Landscape
Fox-Nesbit Engineering, LLC Structural
Sales O'Brien Mechanical / Plumbing / Fire Protection
Associated Design Group, Inc. Electrical
Geesler 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. STEELY
License No. 26070
04/17/2025
PROFESSIONAL ENGINEER

ELECTRICAL PANEL SCHEDULES

E410