

PANEL SCHEDULE LEGEND

MAIN
CB = CIRCUIT BREAKER
LO = LUGS ONLY

BRANCH CIRCUIT BREAKER TYPE
A = ARC FAULT CIRCUIT INTERRUPTER
G = GROUND FAULT CIRCUIT INTERRUPTER
S = SHUNT TRIP
V = VARIABLE (ADJUSTABLE TRIP)
E = EQUIPMENT GROUND FAULT PROTECTION
L = LOCKOUT DEVICE
O = LOCK ON DEVICE OR BREAKER
R = RED MARKING ON BREAKER

LOAD TYPE
L = LIGHTING
R = RECEPTACLE
H = HVAC
M = MISCELLANEOUS
V = VARIOUS

AMPS TRIP
C = COORDINATE WITH EQUIPMENT MANUFACTURER

MISCELLANEOUS
SN = SOLID NEUTRAL
EQP GND = EQUIPMENT GROUND BUS
IG = INSULATED GROUND BUS
SPD = SURGE PROTECTIVE DEVICE

Project

Anduril Industries - McHenry, MS
Rocket Motor Systems
Additions and Renovations to Buildings 300, 301,
302, 400, and 600 - McHenry, Mississippi

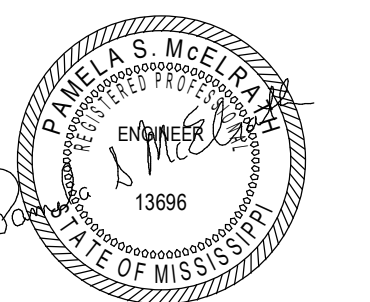
Design Phase

CONSTRUCTION
DOCUMENTS

Revisions

No.	Date	Description
1	11-14-2023	ADD 001
2	03-18-2024	RB 003
3	11-21-2024	RB 013

Stamp



Notes

1. CROMWELL ARCHITECTS ENGINEERS, INC. ALL RIGHTS RESERVED
2. THIS SHEET DESIGNED FOR COLOR PRINTING. CRITICAL INFORMATION MAY BE LOST WITH BLACK AND WHITE PRINTING.

Project Number 2023-047

Issue Date 10-26-2023

Sheet Title

ELECTRICAL SCHEDULES -
ROBERTO - BUILDING 400

Sheet Number

B400-E-605

PANEL U/L1		MOUNTING SURFACE		LOCATION UPS ROOM		MAIN BUS RATING 225 AMPS	
MAIN CB		POLES 3		FRAME 200		TRIP 150	
VOLTAGE 208Y/120		PHASE 3		MINIMUM BREAKER INTERRUPTING CAPACITY 10KA			
ACCESSORIES SN + EQP GND							
DEVI	BRANCH CIRCUIT			PHASE LOAD			DEVI
AMPS TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT AMPS	NO	POLES
20	1	M	MIXING EPT 51 - RM 105		1800	1	20
20	1	M	CONVENIENCE RM 105A		720	3	20
15	1	M	FACILITY EPT 12 - RM 105		1200	5	20
20	1	M	IT WORKSTATIONS RM 107		1600	7	20
30	2	M	IT EQUIPMENT		1500	9	20
-	-	M	-		1500	11	20
30	2	M	IT EQUIPMENT		1500	13	20
-	-	M	-		1500	15	20
30	2	M	IT EQUIPMENT		1500	17	20
-	-	M	-		1500	19	20
30	2	M	IT EQUIPMENT		1500	21	20
-	-	M	-		1500	23	20
15	3	M	OVERHEAD DOORS		637	25	20
-	-	M	-		637	27	20
-	-	M	-		637	29	20
15	3	M	OVERHEAD DOORS		637	31	20
-	-	M	-		637	33	20
-	-	M	-		637	35	20
20	1	M	SPARE		37	2000	80
20	1	M	SPARE		39	2000	-
20	1	M	SPARE		41	2000	-
TOTAL					13674	10894	13774
							38 KVA (CONNECTED)
							106 AMPS (CONNECTED)
							38 KVA (DEMAND)
							106 AMPS (DEMAND)

PANEL HDP2		MOUNTING SURFACE		LOCATION		ELEC RM		MAIN BUS RATING 400 AMPS	
MAIN LO		POLES 3		FRAME 400		TRIP		MINIMUM BREAKER INTERRUPTING CAPACITY 65KAIC	
VOLTAGE 480Y/277		PHASE 3		ACCESSORIES SN + EQP GND					
DEVI	BRANCH CIRCUIT			PHASE LOAD			DEVI		
AMPS TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT AMPS	NO	POLES		
30	3	M	SPARE		6928	1	20		
-	-	M	-		6928	3	20		
-	-	M	-		6928	5	20		
30	3	M	SPARE		6928	7	20		
-	-	M	-		6928	9	20		
-	-	M	-		6928	11	20		
20	3	M	SPARE		6928	13	20		
-	-	M	-		6928	15	20		
40	3	M	SPARE		6928	17	20		
-	-	M	-		6928	19	20		
-	-	M	-		6928	21	20		
20	1	M	SPARE		8314	23	40		
20	1	M	SPARE		8314	25	40		
20	1	M	SPARE		8313	27	40		
20	1	M	SPARE		8313	29	40		
20	1	M	SPARE		8313	31	40		
20	1	M	SPARE		8313	33	40		
20	1	M	SPARE		8313	35	40		
20	1	M	SPARE		8313	37	40		
20	1	M	SPARE		8313	39	40		
20	1	M	SPARE		8313	41	40		
20	1	M	SPARE		8313	42	40		
TOTAL					51267	51267	51267		
							154 KVA (CONNECTED)		
							185 AMPS (CONNECTED)		
							154 KVA (DEMAND)		
							185 AMPS (DEMAND)		

PANEL H3		MOUNTING SURFACE		LOCATION RECEIVING		MAIN BUS RATING 400 AMPS	
MAIN CB		POLES 3		FRAME 200		TRIP 200	
VOLTAGE 480Y/277		PHASE 3		MINIMUM BREAKER INTERRUPTING CAPACITY 35KAIC			
ACCESSORIES SN + EQP GND							
DEVI	BRANCH CIRCUIT			PHASE LOAD			DEVI
AMPS TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT AMPS	NO	POLES
20	3	M	SPARE		6928	1	25
-	-	M	-		6928	3	25
-	-	M	-		6928	5	25
15	3	H	AC-1		2938	7	25
-	-	H	-		2938	9	25
-	-	H	-		2938	11	25
15	3	H	AC-2		2938	13	20
-	-	H	-		2938	15	20
-	-	H	-		2938	17	20
25	3	M	IGNITOR EXTRA PRO EP 69		5543	19	20
-	-	M	-		5543	21	20
-	-	M	-		5543	23	20
20	1	M	SPARE		5543	25	20
20	1	M	SPARE		5543	27	20
20	1	M	SPARE		5543	29	20
20	1	M	SPARE		5543	31	20
20	1	M	SPARE		6651	33	30
20	1	M	SPARE		6651	35	30
20	1	M	SPARE		6651	37	20
20	1	M	SPARE		6651	39	20
20	1	M	SPARE		6651	41	20
TOTAL					43012	43012	43012
							129 KVA (CONNECTED)
							155 AMPS (CONNECTED)
							129 KVA (DEMAND)
							155 AMPS (DEMAND)

PANEL EP		MOUNTING SURFACE		LOCATION		ELEC RM		MAIN BUS RATING 600 AMPS	
MAIN CB		POLES 2		FRAME 600		TRIP 500		MINIMUM BREAKER INTERRUPTING CAPACITY 22KAIC	
VOLTAGE 120/240		PHASE 1		ACCESSORIES SN + EQP GND					
DEVI	BRANCH CIRCUIT			PHASE LOAD			DEVI		
AMPS TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT AMPS	NO	POLES		
200	2	M	FUELS EXT MEGA MXR		24000	1	200		
-	-	M	-		24000	3	200		
20	1	M	SPACE		48000	5	20		
20	1	M	SPACE		48000	7	20		
20	1	M	SPACE		48000	9	20		
20	1	M	SPACE		48000	11	20		
-	-	M	-		48000	13	20		
-	-	M	-		48000	15	20		
-	-	M	-		48000	17	20		
-	-	M	-		48000	19	20		
-	-	M	-		48000	21	20		
-	-	M	-		48000	23	20		
-	-	M	-		48000	25	20		
-	-	M	-		48000	27	20		
-	-	M	-		48000	29	20		
-	-	M	-		48000	31	20		
-	-	M	-		48000	33	20		
-	-	M	-		48000	35	20		
-	-	M	-		48000	37	20		
-	-	M	-		48000	39	20		
-	-	M	-		48000	41	20		
-	-	M	-		48000	42	20		
TOTAL					48000	48000	48000		
							96 KVA (CONNECTED)		
							400 AMPS (CONNECTED)		
							96 KVA (DEMAND)		
							400 AMPS (DEMAND)		

PANEL SCHEDULE LEGEND	
UL1	HDP2
H3	EP