

Construction Bulletin # 15

Client: Abla Griffin Partnership
 Project Name: MPS Daycare
 Project Number: 2450-70304-00

October 27, 2025

Requested by: Owner
 Contractor:
 Salas O'Brien:



To: Mike Abla, Clay Griffin

This Construction Bulletin is issued to:

- Offer additional information for clarification or supplemental drawings for layout assistance.
- Request cost and time impact to initiate a change to the Contract Documents. Owner approval is required, do not commence with revisions unless directed in writing. Avoid Work in areas that may be affected by proposed change until approved or rejected. Once approved, forward Change Order documentation as required by the Contract Documents.
- Direct a required change in the Contract Documents. Proceed with change(s) as indicated. Forward Change Order documentation as required by the Contract Documents.
- Response to RFI ____.

Item No.	Description	Attachment
1	Refer to drawings for changes shown in clouds and deltas.	E100
2	Refer to drawings for changes shown in clouds and deltas.	E601

END OF CB-15



DWG _____
drawn by _____
TVO _____
checked by _____
OCTOBER 2024
date

revisions
 1 12/12/2024 AD 03
 2 01/29/2025 CB 02
 3 03/17/2025 CB 03
 4 10/27/2025 CB 15



CHILD CARE FACILITY
201 N. EASTERN AVE.

sheet no:

E100

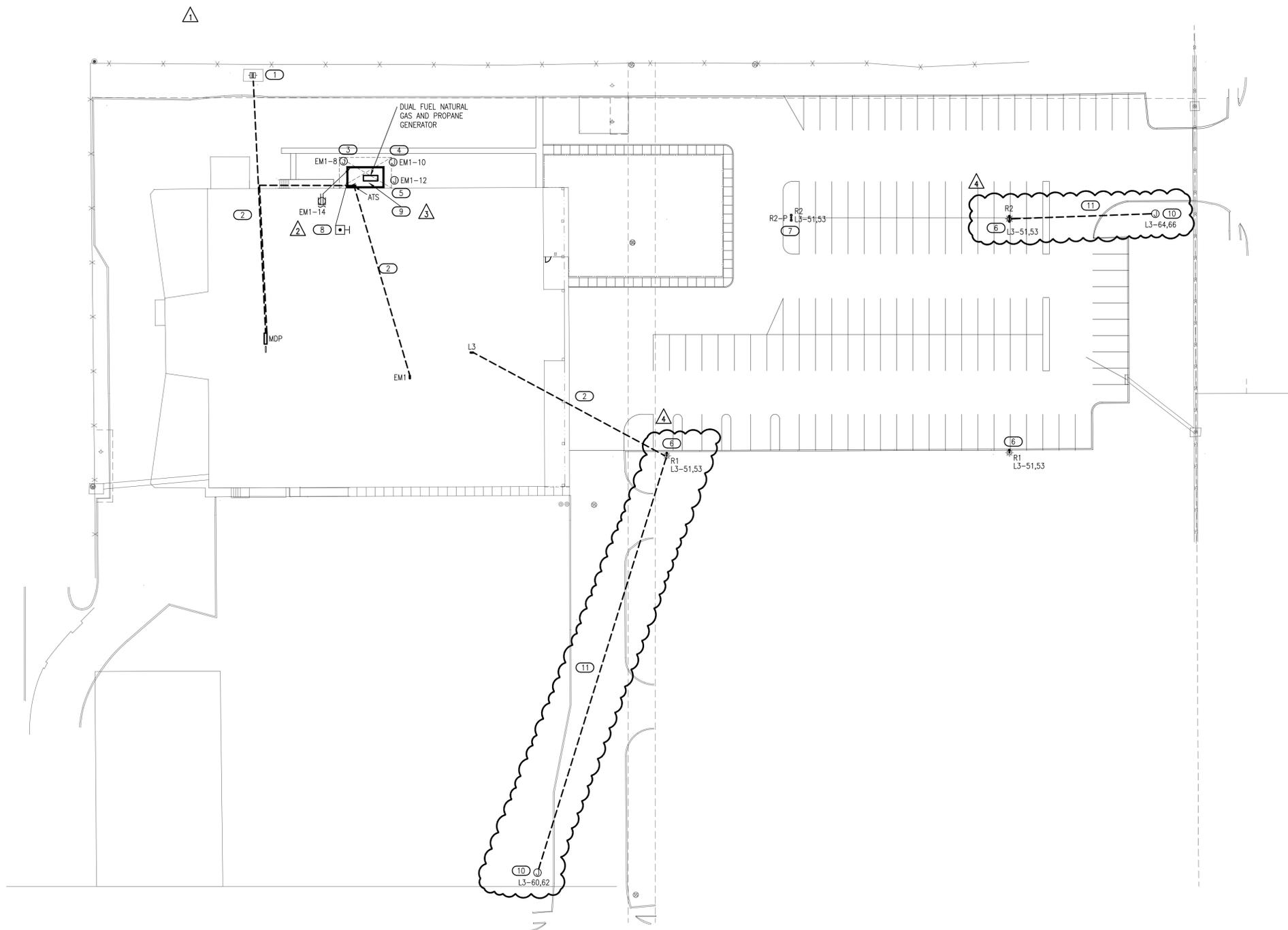
OWNERSHIP USE OF DOCUMENTS:
 AGP EXPRESSLY RESERVES ITS COPYRIGHT AND OTHER PROPERTY RIGHTS OF ALL PLANS AND DRAWINGS DESIGNED AND/OR PRODUCED. PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED IN ANY FORM OR MANNER WITHOUT THE EXPRESSED WRITTEN CONSENT OF AGP.

SITE GENERAL NOTES

- COORDINATE EXACT LOCATIONS OF DEVICES SHOWN WITH OTHER EQUIPMENT.
- PROVIDE (2) ELECTRONIC TIMERS WITH INTEGRAL ASTRONOMICAL TIMECLOCK AND PHOTOCELL INPUT. LOCATE PHOTOCELL WITH CLEAR VIEW OF NORTHERN SKY AND SHIELD FROM ARTIFICIAL LIGHT SOURCES. ONE TIMER SHALL CONTROL EXTERIOR WALL PACKS AND THE OTHER SHALL CONTROL THE PARKING LOT.
- THESE DRAWINGS ARE INTENDED TO BE DIAGRAMMATIC ONLY. CONSULT WITH GENERAL CONTRACTOR FOR DETAILS ON BIDDING; PROVIDE ALL PARTS AND LABOR FOR A COMPLETE AND CODE COMPLIANT FACILITY.
- ELECTRICAL CONTRACTOR TO SHOW ACTUAL ROUTING OF ALL BELOW-GRADE CONDUITS AND WIRING ON AS-BUILT DRAWINGS. ROUTES SHOWN ARE GENERAL IN NATURE AND ACTUAL ROUTE SHALL BE DETERMINED BY GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR ONSITE.
- PROVIDE GROUNDING AND BONDING AT EACH BUILDING IN ACCORDANCE WITH NEC 250.32.
- REFER TO SHEET "T-XXX" FOR ADDITIONAL CONDUIT LAYOUT INFORMATION.

KEYED NOTES

- EXISTING 208/120V 3P UTILITY TRANSFORMER.
- PROPOSED CONDUIT ROUTE. SAW CUT CONCRETE AS NECESSARY TO ENSURE CONDUIT IS ROUTED UNDER THE EXISTING CONCRETE FOUNDATION.
- PROVIDE 120V GENERATOR BLOCK HEATER CONNECTION.
- PROVIDE 120V GENERATOR BATTERY HEATER CONNECTION.
- PROVIDE 120V GENERATOR BATTERY CHARGER CONNECTION.
- MOUNT FIXTURE ON EXISTING POLE 28'-0" AFF TO BOTTOM OF LIGHT FIXTURE.
- INSTALL NEW LIGHT FIXTURE POLE AND POLE BASE. MOUNT FIXTURE 28'-0" AFF TO BOTTOM OF LIGHT FIXTURE.
- INSTALL EMERGENCY STOP PUSH-BUTTON IN GENERATOR ENCLOSURE. PUSH-BUTTON SHALL TRIP 1200A SHUNT TRIP BREAKER LOCATED IN MDP.
- INSTALL (2) LIGHT FIXTURE TYPE "SE" IN GENERATOR ENCLOSURE. CONNECT TO CIRCUIT "EM1-1". INSTALL LIGHT SWITCH NEAR DOOR.
- PROVIDE NEMA 3R 60 AMP 208V 2P FUSED DISCONNECT FOR FUTURE SIGN.
- PROVIDE (3) #4 WIRES AND #10 GROUND IN 1" CONDUIT FOR FUTURE SIGN CONNECTION.



1 ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"



Salas O'Brien
 2900 S. Telephone Road, Suite 120
 Moore, OK 73160
 Salas O'Brien Registration: CA# 7058
 Expiration Date: 6/30/2025
 Salas O'Brien Project Number: 2450-70304-00



Panel L3		ROOM MOUNTING SURFACE	VOLTS 208Y/120V 3P 4W	AIC 65,000	BUS AMPS 225		MAIN BKR 225		LUGS STANDARD			
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	
1	20/1	0.18	RM 410 RECEPTACLE	a 2	20/1	0.73	LIGHTING	a 2	600/3	190	PANEL L2	
3	20/1	0.18	RM 410 RECEPTACLE	b 4	20/1	0.619	LIGHTING	b 4	4	190	PANEL LK	
5	20/1	0.18	RM 410 RECEPTACLE	c 6	20/1	0.838	LIGHTING	c 6	8	400/3	93.3	PANEL LK
7	20/1	0.72	RM 410 RECEPTACLE	a 8	20/1	0.918	LIGHTING	a 8	10	60/3	9.38	TRANSFER SWITCH ATS
9	20/1	0.72	RM 409 RECEPTACLE	b 10	20/1	0.99	LIGHTING	b 10	16	0	SPACE	
11	20/1	0.72	RM 406 RECEPTACLE	c 12	20/1	0.72	ROOFTOP RECEPTACLE	c 12	16	0	SPACE	
13	20/1	0.72	RM 405 RECEPTACLE	a 14	20/1	0.37	WATER COOLER RECEPTACLE	a 14	16	0	SPACE	
15	20/1	0.72	RM 404 RECEPTACLE	b 16	20/1	0.54	RM 1 RECEPTACLE	b 16	16	0	SPACE	
17	20/1	1.2	COPY MACHINE	c 18	20/1	1.09	CORRIDOR 412 RECEPTACLE, CORRIDOR 416 RECEPTACLE, CORRIDOR 435 RECEPTACLE, RM 411 RECEPTACLE, TRAP PRIMER	c 18	20/1	0	SPACE	
19	20/1	0.36	RM 403 RECEPTACLE	a 20	20/1	0.72	RM 1A RECEPTACLE, RM 1 RECEPTACLE	a 20	20/1	0	SPACE	
21	20/1	0.36	RM 402 RECEPTACLE	b 22	20/1	0.55	RM 436A RECEPTACLE, RM 436 RECEPTACLE, TRAP PRIMER	b 22	20/1	0	SPACE	
23	20/1	0.36	RM 402 RECEPTACLE	c 24	20/1	0.36	RECEPTACLE, RM 105G RECEPTACLE, RM 201 RECEPTACLE	c 24	20/1	0	SPACE	
25	20/1	0.54	RM 402 RECEPTACLE	a 26	20/1	1.26	RECEPTACLE, RM 201A RECEPTACLE, RM 201 RECEPTACLE	a 26	20/1	0	SPACE	
27	20/1	0.9	RM 401 RECEPTACLE	b 28	20/1	0.72	RM 301B RECEPTACLE, RM 302 RECEPTACLE	b 28	20/1	0	SPACE	
29	20/1	0.9	RM 305 RECEPTACLE, SMARTBOARD	c 30	20/1	0.9	RM 301B RECEPTACLE, RM 302 RECEPTACLE	c 30	20/1	0	SPACE	
31	20/1	0.72	RM 301E RECEPTACLE, RM 305 RECEPTACLE	a 32	20/1	0.72	RM 302 RECEPTACLE, SMARTBOARD	a 32	20/1	0	SPACE	
33	20/1	0.9	RM 301D RECEPTACLE, RM 304 RECEPTACLE, SMARTBOARD	b 34	20/1	0.72	RM 417A RECEPTACLE, RM 417B RECEPTACLE, RM 417C RECEPTACLE, RM 417 RECEPTACLE	b 34	20/1	0	SPACE	
35	20/1	0.72	RM 304 RECEPTACLE	c 36	20/1	0.72	RM 417 RECEPTACLE	c 36	20/1	0	SPACE	
37	20/1	0.72	RM 301C RECEPTACLE, RM 303 RECEPTACLE	a 38	20/1	0.36	RM 417 RECEPTACLE	a 38	20/1	0	SPACE	
39	20/1	0.9	RM 303 RECEPTACLE, SMARTBOARD	b 40	15/1	0.696	EF-4	b 40	20/2	2	EFH-4	
41	20/1	0.54	RM 413 RECEPTACLE, RM 414 RECEPTACLE, RM 415 RECEPTACLE	c 42	15/1	0.696	EF-3	c 42	15/1	0.696	EF-7	
43	20/1	0.54	EXTERIOR RECEPTACLE, RECEPTACLE	a 44	20/2	2	EFH-3	a 44	20/2	2	EFH-1	
45	20/1	1.09	CORRIDOR 412 RECEPTACLE, CORRIDOR 419 RECEPTACLE, RM 418 RECEPTACLE, TRAP PRIMER	b 46	2	2	EFH-3	b 46	20/2	2	EFH-4	
47	20/1	0.54	CORRIDOR 407 RECEPTACLE, CORRIDOR 408 RECEPTACLE	c 48	20/2	2	EFH-2	c 48	20/2	2	EFH-4	
49	20/1	0.48	LIGHTING	a 50	1	0.696	EF-8	a 50	15/1	0.696	EF-7	
51	20/2	1.12	LIGHTING	b 52	15/1	0.5	EF-8	b 52	20/1	0.9	RM 301A RECEPTACLE, RM 301 RECEPTACLE, RM 303 RECEPTACLE	
53	20/1	0.8	RM 410 REFRIGERATOR	c 54	20/1	0.5	RM 417 PROJECTOR	c 54	20/1	0.72	RM 301 RECEPTACLE, SMARTBOARD	
55	20/1	0.8	RM 1 REFRIGERATOR	a 56	20/1	0.5	RM 417 PROJECTOR	a 56	20/1	0.72	RM 422 RECEPTACLE	
59	20/1	0.8	RM 2 REFRIGERATOR	b 58	20/1	0.54	RM 409 RECEPTACLE	b 58	20/1	0.54	RM 423 RECEPTACLE, RM 424 RECEPTACLE, RM 425 RECEPTACLE	
61	20/1	0.8	RM 3 REFRIGERATOR	c 60	60/2	10	FUTURE SIGN (1)	c 60	20/1	0.9	RM 201E RECEPTACLE, RM 205 RECEPTACLE	
63	20/1	0.8	RM 4 REFRIGERATOR	a 62	1	1.09	FUTURE SIGN (1)	a 62	20/1	1.09	RECEPTACLE, RM 201D RECEPTACLE, RM 204 RECEPTACLE, TRAP PRIMER	
65	20/1	0.8	RM 5 REFRIGERATOR	b 64	60/2	10	FUTURE SIGN (1)	b 64	20/1	0.9	RECEPTACLE, RM 204 RECEPTACLE	
67	20/1	0	SPACE	c 66	0	0	SPACE	c 66	20/1	0.9	RM 202 RECEPTACLE	
69	20/1	0	SPACE	a 68	20/1	0	SPACE	a 68	20/1	0.9	RM 202 RECEPTACLE	
71	20/1	0	SPACE	b 70	20/1	0	SPACE	b 70	20/1	0.72	RM 201B RECEPTACLE, RM 202 RECEPTACLE	
73	20/1	0	SPACE	c 72	20/1	0	SPACE	c 72	20/1	0.9	RM 203 RECEPTACLE	
75	20/1	0	SPACE	a 74	20/1	0	SPACE	a 74	20/1	0.415	DRYER, DRYER BOOSTER FAN	
77	20/1	0	SPACE	b 76	20/1	0	SPACE	b 76	20/1	0.84	WASHER	
79	20/1	0	SPACE	c 78	20/1	0	SPACE	c 78	20/1	0.18	FACP	
81	20/1	0	SPACE	a 80	20/1	0	SPACE	a 80	30/2	4.6	DRYER	
83	20/1	0	SPACE	b 82	0	0	SPACE	b 82	0	0	SPACE	
				c 84	20/1	0	SPACE	c 84	20/1	0	SPACE	

CONN KVA	CALC KVA		CONN KVA	CALC KVA	
LIGHTING	5.7	7.12 (125%)	MOTORS	2.09	2.09 (100%)
LARGEST MOTOR	0.696	0.174 (25%)	RECEPTACLES	51.5	30.8 (50%>10)
			HEATING	4	4 (100%)
			TOTAL LOAD	44.1	
			BALANCED 3-PHASE LOAD	123 A	
			PHASE A	91.3%	
			PHASE B	95%	
			PHASE C	114%	

KEYED NOTES

(1) A CONSERVATIVE ELECTRICAL LOAD WAS ALLOCATED FOR THE FUTURE SIGN AT THE TIME OF DESIGN; HOWEVER, THE ACTUAL ELECTRICAL LOAD IS EXPECTED TO BE LOWER.

Panel L1		ROOM MOUNTING SURFACE	VOLTS 208Y/120V 3P 4W	AIC 65,000	BUS AMPS 225		MAIN BKR MLO		LUGS STANDARD		
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.9	ROOFTOP RECEPTACLE	a 2	20/1	1.24	LIGHTING	a 2	20/1	1.24	LIGHTING
3	20/1	0.36	RM 431 RECEPTACLE, RM 433 RECEPTACLE	b 4	20/1	1.07	LIGHTING	b 4	20/1	1.07	LIGHTING
5	20/1	0.36	I.T. RECEPTACLE	c 6	20/1	0.706	LIGHTING	c 6	20/1	0.706	LIGHTING
7	20/1	0.36	I.T. RECEPTACLE	a 8	20/1	0.48	LIGHTING	a 8	20/1	0.48	LIGHTING
9	20/1	0.36	I.T. RECEPTACLE	b 10	20/1	0.636	LIGHTING	b 10	20/1	0.636	LIGHTING
11	20/1	0.36	I.T. RECEPTACLE	c 12	20/1	1.06	LIGHTING	c 12	20/1	1.06	LIGHTING
13	20/1	0.54	RM 434 RECEPTACLE	a 14	20/1	0.528	CP-3	a 14	20/1	0.528	CP-3
15	20/1	0.54	RM 434 RECEPTACLE	b 16	20/1	0.1	WH-3	b 16	20/1	0.1	WH-3
17	20/1	0.54	RM 430 RECEPTACLE	c 18	20/1	0.1	WH-4	c 18	20/1	0.1	WH-4
19	20/1	0.36	RM 430 RECEPTACLE	a 20	20/1	0.1	WH-1	a 20	20/1	0.1	WH-1
21	20/1	0.9	RM 429 RECEPTACLE, SMARTBOARD	b 22	20/1	0.1	WH-2	b 22	20/1	0.1	WH-2
23	20/1	0	SPACE	c 24	20/1	0.1	WH-5	c 24	20/1	0.1	WH-5
25	20/1	0.72	RM 1E RECEPTACLE, RM 5 RECEPTACLE	a 26	20/1	0.528	CP-2	a 26	20/1	0.528	CP-2
27	20/1	0.93	CORRIDOR 428 RECEPTACLE, CORRIDOR 435 RECEPTACLE, RM 435 RECEPTACLE, TRAP PRIMER	b 28	15/1	0.696	EF-1	b 28	15/1	0.696	EF-1
29	20/1	0.54	RM 5 RECEPTACLE	c 30	30/2	4.5	EFH-1	c 30	30/2	4.5	EFH-1
31	20/1	0.72	RM 1D RECEPTACLE, RM 4 RECEPTACLE	a 32	1	0	EFH-1	a 32	1	0	EFH-1
33	20/1	0.54	RM 4 RECEPTACLE	b 34	15/1	0.696	EF-5	b 34	15/1	0.696	EF-5
35	20/1	0.54	RM 3 RECEPTACLE	c 36	15/1	0.696	EF-6	c 36	15/1	0.696	EF-6
37	20/1	0.72	RM 1C RECEPTACLE, RM 3 RECEPTACLE	a 38	15/1	0.696	EF-2	a 38	15/1	0.696	EF-2
39	20/1	0.72	RM 1B RECEPTACLE, RM 2 RECEPTACLE	b 40	20/1	0.528	CP-1	b 40	20/1	0.528	CP-1
41	20/1	0.54	RM 2 RECEPTACLE	c 42	20/2	2	EFH-1	c 42	20/2	2	EFH-1
43	20/1	0.54	RM 103 RECEPTACLE	a 44	1	0	EFH-1	a 44	1	0	EFH-1
45	20/1	0.72	RM 101C RECEPTACLE, RM 103 RECEPTACLE	b 46	20/2	2	EFH-4	b 46	20/2	2	EFH-4
47	20/1	0.72	RM 101B RECEPTACLE, RM 102 RECEPTACLE	c 48	1	0	EFH-4	c 48	1	0	EFH-4
49	20/1	0.54	RM 102 RECEPTACLE	a 50	15/1	0.696	EF-7	a 50	15/1	0.696	EF-7
51	20/1	0.72	RM 101A RECEPTACLE, RM 101 RECEPTACLE	b 52	20/1	0.9	RM 301A RECEPTACLE, RM 301 RECEPTACLE, RM 303 RECEPTACLE	b 52	20/1	0.9	RM 301A RECEPTACLE, RM 301 RECEPTACLE, RM 303 RECEPTACLE
53	20/1	0.54	RM 101 RECEPTACLE	c 54	20/1	0.72	RM 301 RECEPTACLE, SMARTBOARD	c 54	20/1	0.72	RM 301 RECEPTACLE, SMARTBOARD
55	20/1	0.72	RM 101D RECEPTACLE, RM 104 RECEPTACLE	a 56	20/1	0.72	RM 422 RECEPTACLE	a 56	20/1	0.72	RM 422 RECEPTACLE
57	20/1	0.72	RM 104 RECEPTACLE	b 58	20/1	0.54	RM 423 RECEPTACLE, RM 424 RECEPTACLE, RM 425 RECEPTACLE	b 58	20/1	0.54	RM 423 RECEPTACLE, RM 424 RECEPTACLE, RM 425 RECEPTACLE
59	20/1	1.08	RM 101E RECEPTACLE, RM 105 RECEPTACLE	c 60	20/1	0.9	RM 205 RECEPTACLE	c 60	20/1	0.9	RM 205 RECEPTACLE
61	20/1	0.9	CORRIDOR 436 RECEPTACLE, RM 105F RECEPTACLE, RM 105 RECEPTACLE	a 62	20/1	0.9	RM 201E RECEPTACLE, RM 205 RECEPTACLE	a 62	20/1	0.9	RM 201E RECEPTACLE, RM 205 RECEPTACLE
63	20/1	0.72	RM 201C RECEPTACLE, RM 203 RECEPTACLE	b 64	20/1	1.09	RECEPTACLE, RM 201D RECEPTACLE, RM 204 RECEPTACLE, TRAP PRIMER	b 64	20/1	1.09	RECEPTACLE, RM 201D RECEPTACLE, RM 204 RECEPTACLE, TRAP PRIMER
65	20/1	0.54	EXTERIOR RECEPTACLE	c 66	20/1	0.9	RECEPTACLE, RM 204 RECEPTACLE	c 66	20/1	0.9	RECEPTACLE, RM 204 RECEPTACLE
67	20/1	1.1	CORRIDOR 419 RECEPTACLE, CORRIDOR 420 RECEPTACLE, CORRIDOR 428 RECEPTACLE, RM 421 RECEPTACLE, TRAP PRIMER	a 68	20/1	0.9	RM 202 RECEPTACLE	a 68	20/1	0.9	RM 202 RECEPTACLE
69	20/1	0.36	TELECOM EQ	b 70	20/1	0.72	RM 201B RECEPTACLE, RM 202 RECEPTACLE	b 70	20/1	0.72	RM 201B RECEPTACLE, RM 202 RECEPTACLE
71	20/1	0.72	MEZZANINE RECEPTACLE	c 72	20/1	0.9	RM 203 RECEPTACLE	c 72	20/1	0.9	RM 203 RECEPTACLE
73	20/1	0.5	RM 429 PROJECTOR	a 74	20/1	0.415	DRYER, DRYER BOOSTER FAN	a 74	20/1	0.415	DRYER, DRYER BOOSTER FAN
75	20/1	0.02	DOOR HOLD-OPEN SYSTEM, DOOR SPEAKER SYSTEM	b 76	20/1	0.84	WASHER	b 76	20/1	0.84	WASHER
77	20/1	0.84	WASHER	c 78	20/1	0.18	FACP	c 78	20/1	0.18	FACP
79	20/1	0.84	WASHER	a 80	30/2	4.6	DRYER	a 80	30/2	4.6	DRYER
81	30/2	4.6	DRYER	b 82	0	0	SPACE	b 82	0	0	SPACE
83	1	0	SPACE	c 84	20/1	0	SPACE	c 84	20/1	0	SPACE

CONN KVA	CALC KVA		CONN KVA
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