PANEL: PNL A (EXISTING)
LOCATION: ELEC. RM. 113
FEEDER SOURCE: SERVICE PROVIDER

VOLTAGE: 208/120V, 225A 3Ø, 4W
ENCLOSURE: RECESSED W/EQUIPMENT GND BAR
BOLT-ON BRK 22000 AIC, MLO

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (kva)	LOAD (kva)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT. NO.
		LOCATION	AMP	POLE			POLE	AMP	LOCATION		
1	#12	LIGHTING, SOUTHWEST	20	1	1.3	-	1	20	SPARE	#12	2
3	#12	OUTLETS, SW	20	1	0.9	1.3	1	20	SW OUTLETS	#12	4
5	#12	SPARE	20	1		1.0	1	20	LIGHTING, SOUTHEAST	#12	6
7	#12	OUTLETS, SW	20	1	0.9	1.0	1	20	LIGHTING CENTER	#12	8
9	#12	WASHING MACHINE	20	1	0.7	1.9	1	20	SMOKE DAMPERS	#12	10
11	#12	LIGHTING, CENTER	20	1	0.7	-	1	20	SPARE	#12	12
13	#12	OUTLETS, SE	20	1	1.3	-	1	20	SPARE	#12	14
15	#12	SPARE	20	1	-	1.1	1	20	SE OUTLETS	#12	16
17	#12	LIGHTING, NORTHWEST	20	1	0.8	-	1	20	SPARE	#12	18
19	#12	REFRIGERATOR OUTLETS	20	1	1.3	-	1	20	SPARE	#12	20
21	#12	OUTLETS, SE	20	1	1.3	-	1	20	SPARE	#12	22
23	#12	OUTLETS, CENTER	20	1	1.3	-	1	20	SPARE	#12	24
25	#12	OUTLETS, NE	20	1	1.1	-	1	20	SPARE	#12	26
27	#12	SPARE	20	1	-	-	1	20	SPARE	#12	28
29	#12	SPARE	20	1	-	1.0	1	20	LIGHTING, NORTHEAST	#12	30
31	#12	SPARE	20	1	-	1.1	1	20	N OUTLETS	#12	32
33	#12	LIGHTING, EXTERIOR	20	1	0.6	1.3	1	20	N OUTLETS	#12	34
35	#12	TIMECLOCK	20	1	0.6	1.3	1	20	NW OUTLETS	#12	36
37	#12	SPARE	20	1	-	1.3	1	20	NW OUTLETS	#12	38
39		SPACE				2.1	2	30	DUCTLESS MINI-SPLIT	#12	40
41		SPACE				2.1					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (kva)= 27.4
AØ=9.3 BØ=9.3 CØ=8.8

GROUND BUS
GROUND WIRE (G)

PANEL: PNL B (EXISTING)
LOCATION: ELEC. RM. 113
FEEDER SOURCE: SERVICE PROVIDER

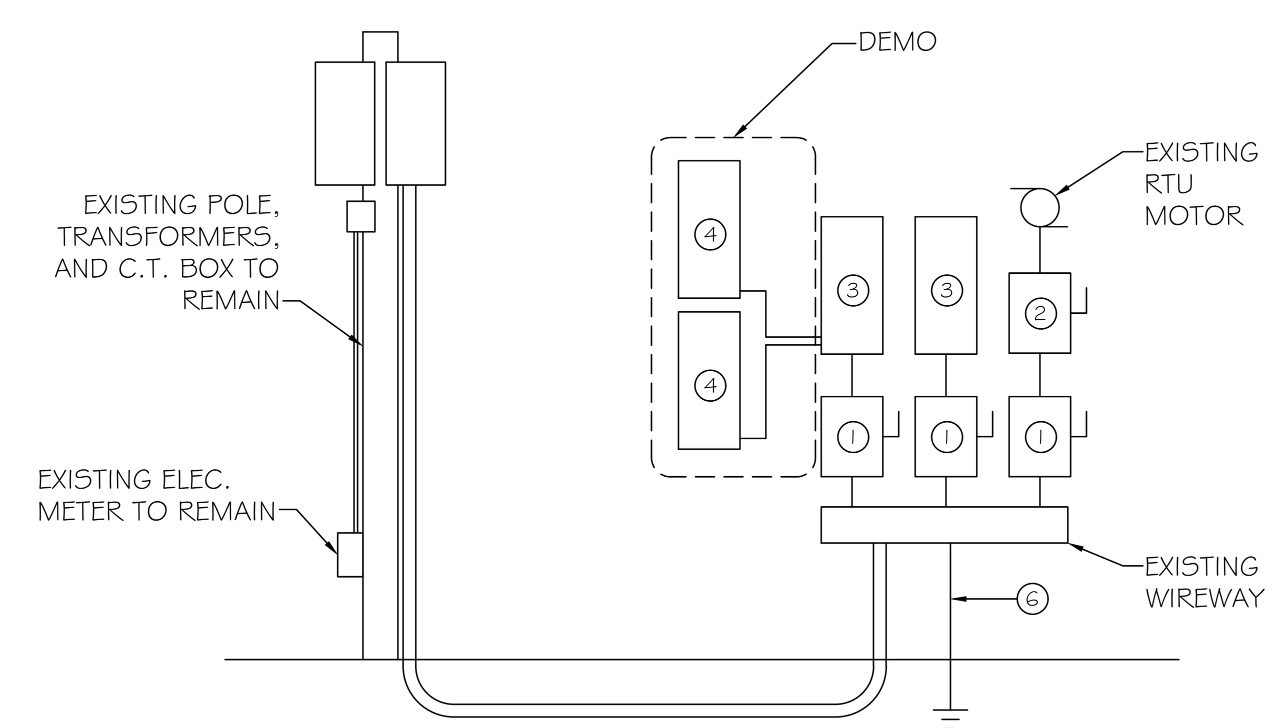
VOLTAGE: 208/120V, 225A 3Ø, 4W
ENCLOSURE: RECESSED W/EQUIPMENT GND BAR
BOLT-ON BRK 22000 AIC, MLO

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT. NO.
		LOCATION	AMP	POLE			POLE	AMP	LOCATION		
1	#10	VVT #1, 5kw Heat	30	2	2.5	4.0	2	50	OVEN	#6	2
3					2.5	4.0					4
5	#10	VVT #2, 5kw Heat	30	2	2.5						6
7					2.5						8
9	#10	VVT #3, 5kw Heat	30	2	2.5	4.0	2	50	OVEN	#6	10
11					2.5	4.0					12
13	#10	VVT #4, 4kw Heat	30	2	2.0	-	-	-	BLANK	-	14
15					2.0	-	-	-	BLANK	-	16
17	#10	WATER HEATER	30	2	2.5	-	-	-	BLANK	-	18
19					2.5	-	-	-	BLANK	-	20
21	#10	VVT #5, 3.5kw Heat	30	2	1.7	-	-	-	BLANK	-	22
23					1.7	-	-	-	BLANK	-	24
25	#10	VVT #6, 5kw Heat	30	2	2.5	-	-	-	BLANK	-	26
27					2.5	-	-	-	BLANK	-	28
29	#10	VVT #7, 5kw Heat	30	2	2.5	-	-	-	BLANK	-	30
31					2.5	-	-	-	BLANK	-	32
33	-	BLANK	-	-	-	-	-	-	BLANK	-	34
35	-	BLANK	-	-	-	-	-	-	BLANK	-	36
37	#12	SPARE	20	1	-	-	-	-	BLANK	-	38
39	#10	Clothes Dryer	30	2	2.5	-	1	20	SPARE	#12	40
41					2.5	-	1	20	SPARE	#12	42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (kva)= 58.2
AØ=18.5 BØ=21.7 CØ=18.2

GROUND BUS
GROUND WIRE (G)



ELEC. RISER DIAGRAM

N.T.S.

ELECTRICAL ONE LINE DIAGRAM NOTES: (#)

1. EXISTING 200A FUSED DISCONNECT TO REMAIN.
2. EXISTING 200A DISCONNECT FUSED AT 150A TO REMAIN.
3. EXISTING 225A 120/208V 3Ø PANEL TO REMAIN. LOCATED IN ROOM #113
4. DEMO 120/208 1Ø 150A LOAD CENTER WITH MAIN BREAKER.
5. NOT USED.
6. EXISTING GRND ROD, GRND WIRE, AND PVC CONDUIT TO REMAIN.
7. ALL EXISTING ELECTRICAL SERVICE EQUIPMENT TO REMAIN.

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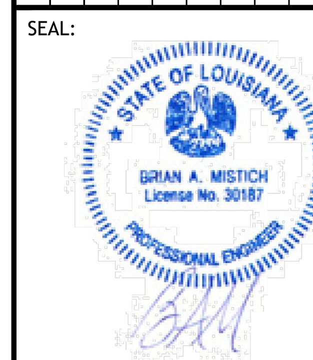
PH: 985.649.5832

#	DESCRIPTION	REVISIONS	DATE

SEAL:



NEW DAYCARE

THREE PEAS IN A POD EARLY LEARNING CENTER

2965 GAUSE BLVD.
SLIDELL, LA 70461

JOB No:	2517	DATE:	12-01-2025
DRAWN BY:	LJP	CHECKED BY:	CKD

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SHEET TITLE:
PANEL SCHEDULE

DRAWING NUMBER:
E103