PANEL SCHEDULE

PANEL: MDP
LOCATION: EXTERIOR WALL BY METER
FEEDER SOURCE: CLECO

VOLTAGE: 120/208V, 400A, 3Ø, 4W
ENCLOSURE: SURFACE MOUNTED, NEMA 3R RNLBD W/EQUIP GND BAR, M/B, 65,000 AIC

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION: LOCATION	BREAKER AMP	BREAKER POLE	LOAD (KVA) AØ	LOAD (KVA) BØ	LOAD (KVA) CØ	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION: LOCATION	THHN WIRE SIZE	CKT NO
1	#6	ZONE 1, CONDENSER UNIT #1 7.5 TON	45	3	4.1		5.5	3	50	ZONE 1, AHU #1 7.5 TON, 11.25 Kw HEAT	#6	2
3						4.1	5.5					4
5					4.1		5.5					6
7	#4	ZONE 2, CONDENSER UNIT #1 12.5 TON	70	3	6.7		10.2	3	40	ZONE 2, AHU #1 12.5 TON, 22.5 Kw HEAT	#3	8
9						6.7	10.2					10
11					6.7		10.2					12
13	#4	DISHWASHER	65	3	5.6		5.0	3	60	24" ELECTRIC FRYER	#6	14
15						5.6	5.0					16
17					5.6		5.0					18
19	#6	WATER HEATER 40 GALLON	40	2	2.5		2.1	2	20	36" STEAM TABLE	#10	20
21						2.5	2.1					22
23	#12	HOOD EXHAUST FAN	15	2	0.8		0.4	2	15	HOOD MUA FAN	#12	24
25					0.8		0.4					26
27	#12	SODA MACHINE	20	1	0.4		0.5	1	20	BOTTLE COOLER - BAR	#12	28
29	#12	PREP TABLE & OVEN IGNITORS	20	1	0.6		0.6	1	20	DRAFT BEER COOLER - BAR	#12	30
31	#12	ICE MACHINE	20	1	0.6		0.3	1	20	UNDERCOUNTER FREEZER - BAR	#12	32
33	#12	2 DOOR COOLER	20	1	0.7		0.3	1	20	CASH REGISTER - BAR, IG	#12	34
35	#12	KITCHEN OUTLETS	20	1	1.5		0.9	1	20	BAR OUTLETS	#12	36
37	-	SPARE	20	1	-		8.3	3	150	SUB PANEL P-1	2/0	38
39	-	SPARE	20	1	-		3.4					40
41	-	SPARE	20	1	-		5.0					42

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (kva) = 144.0

AØ = 50.1 kva | BØ = 47.0 kva | CØ = 46.9 kva

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P1
LOCATION: BLDG. WALL EXTERIOR NEAR A/C UNITS
FEEDER SOURCE: MDP

VOLTAGE: 120/208V, 150A, 3Ø, 4W
ENCLOSURE: SURFACE MOUNTED, NEMA 3R RNLBD W/EQUIP GND BAR, MLO, 65,000 AIC

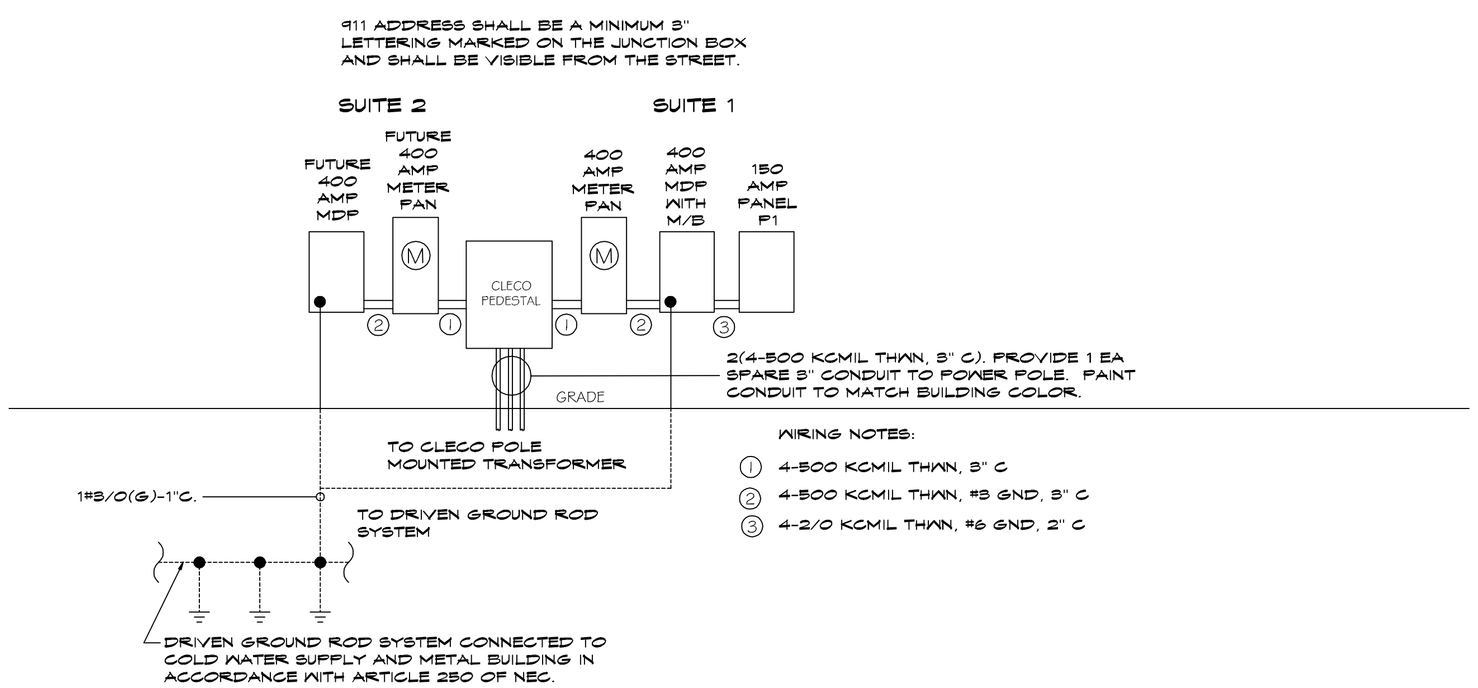
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION: LOCATION	BREAKER AMP	BREAKER POLE	LOAD (KVA) AØ	LOAD (KVA) BØ	LOAD (KVA) CØ	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION: LOCATION	THHN WIRE SIZE	CKT NO
1	#12	OFFICE, MOP SINK, & CORRIDOR OUTLETS	20	1	1.9		1.2	1	20	DEDICATED OFFICE TELEPHONE BOARD, IG	#12	2
3	#12	OFFICE COMPUTER OUTLET, IG	20	1	0.9		0.7	1	20	FRONT WALKWAY OUTLETS	#12	4
5	#12	BENCH SEATS, MENS RESTROOM AND CORRIDOR OUTLETS	20	1	1.1		1.1	1	20	CEILING MOUNTED OUTLETS AT PATIOS	#12	6
7	#12	BIG ASS FAN #1	15	1	1.2		1.2	1	15	BIG ASS FAN #2	#12	8
9	#12	BIG ASS FAN #3	15	1	1.2		1.2	1	20	OFFICE, RESTROOM AND CORRIDOR LIGHTS	#12	10
11	#12	CORRIDORS & DINING LIGHTS	20	1	0.8		1.5	1	20	DINING RM INDUSTRIAL LIGHTS	#12	12
13	#12	KITCHEN & BAR LIGHTS	20	1	1.4		-	1	20	SPARE	-	14
15	-	SPARE	20	1	-		-	1	20	SPARE	-	16
17	#12	EMERGENCY LIGHTING	20	1	0.8		0.5	1	20	FRONT WALKWAY LIGHTS, ADD PHOTO SENSOR	#12	18

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (kva) = 14.1

AØ = 6.3 kva | BØ = 3.4 kva | CØ = 5.0 kva

GROUND BUS
GROUND WIRE (G)

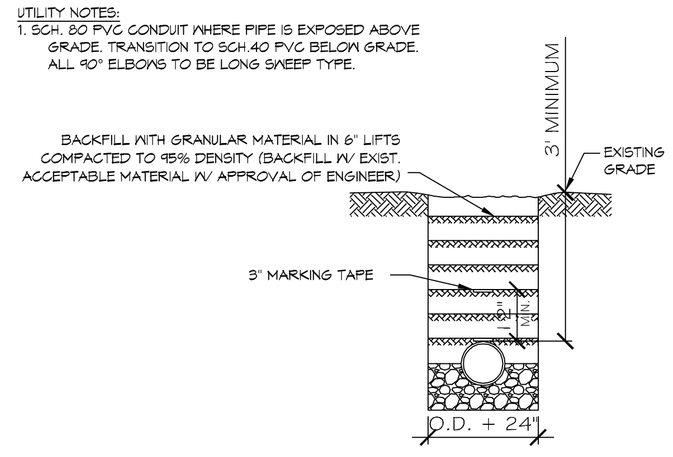


WIRING NOTES:

1. 4-500 KCMIL THWN, 3" C
2. 4-500 KCMIL THWN, #3 GND, 3" C
3. 4-2/0 KCMIL THWN, #6 GND, 2" C

ONE LINE DIAGRAM
SCALE: N.T.S.

UTILITY NOTES:
1. SCH. 80 PVC CONDUIT WHERE PIPE IS EXPOSED ABOVE GRADE. TRANSITION TO SCH.40 PVC BELOW GRADE. ALL 90° ELBOWS TO BE LONG SWEEP TYPE.



PIPE DETAIL FOR ELECTRICAL SERVICE
SCALE: N.T.S.

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

NEW RESTAURANT
OLD TOWN PIZZA COMPANY
205 COVEN STREET
SLIDELL, LA 70458

JOB No: 2391 | DATE: 12-21-17
DRAWN BY: JTL | CHECKED BY: CKD

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SHEET TITLE:
PANEL SCHEDULES AND ONE LINE DIAGRAM

DRAWING NUMBER:
E102

SHEET No: 4 of # 4

FILE NAME: J:\+ RESTAURANTS\2391 - Old Town Pizza Company\Drawings\Current Drawings\E100 - Electrical.dwg PLOT DATE & TIME: Thursday, December 21, 2017 2:28:53 PM