PANEL SCHEDULE

PANEL: MDP
LOCATION: EXTERIOR WALL NEAR REAR DOOR
FEEDER SOURCE: CLECO

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

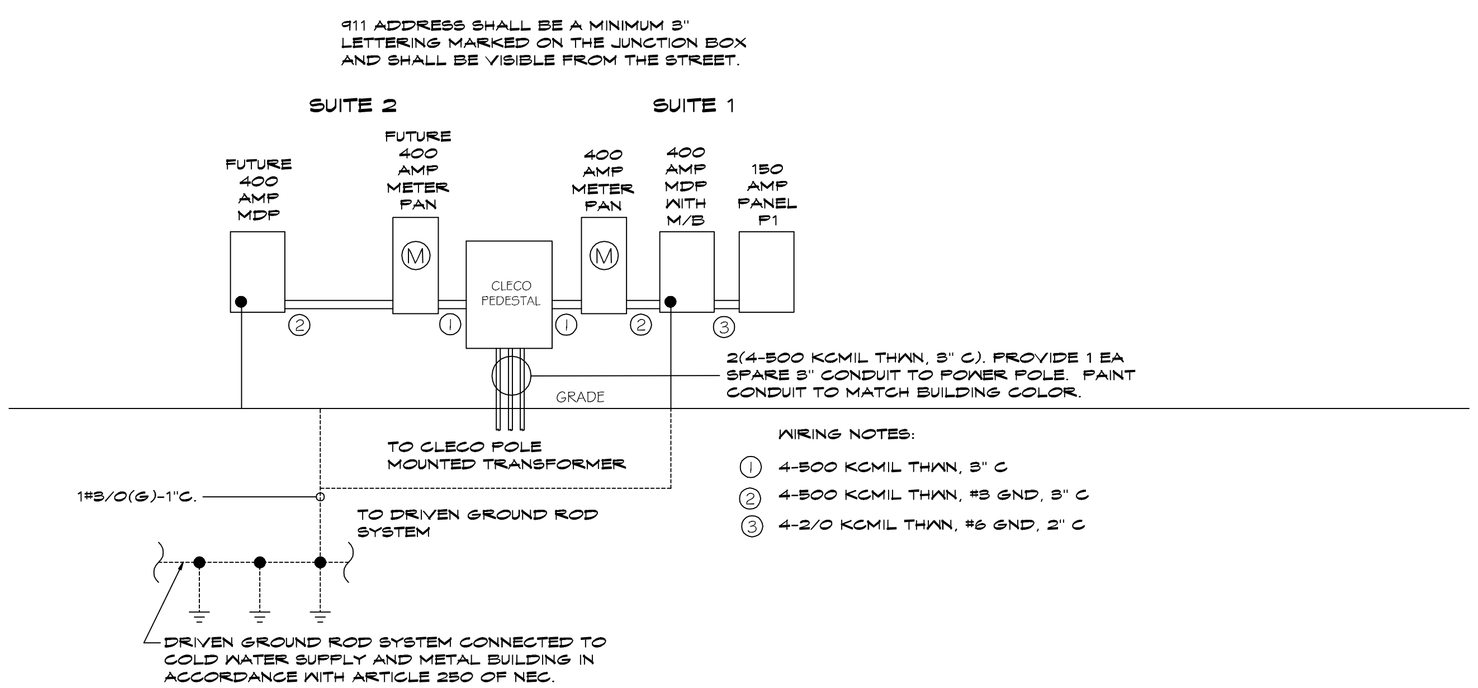
CKT NO	THWN WIRE SIZE	LOAD DESCRIPTION: LOCATION	BREAKER AMP	BREAKER POLE	LOAD (kva)		LOAD (kva)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION: LOCATION	THWN WIRE SIZE	CKT NO
1	#6	ZONE 1, CONDENSER UNIT #1 7.5 TON	45	3	4.1		5.5	3	50	ZONE 1, AHU #1 7.5 TON, 11.25 kw HEAT	#6	2
3					4.1		5.5					4
5					4.1		5.5					6
7	#4	DISHWASHER	65	3	5.6		0.9	1	20	REFRIGERATOR	#12	8
9					5.6		0.7	1	20	KITCHEN OUTLETS	#12	10
11					5.6		1.3	1	20	OUTLETS	#12	12
13	#6	WATER HEATER 40 GALLON	40	2	2.5		0.7	1	20	OFFICE COMPUTER OUTLETS, (6)	#12	14
15					2.5		0.6	1	20	TELEPHONE BOARD OUTLET, (6)	#12	16
17	#12	OFFICE, CLOSET AND RESTROOM LIGHTS	20	1	0.7							18
19	#12	KITCHEN LIGHTS	20	1	1.3		--	1	20	SPARE	-	20
21	-	SPARE	20	1	-		--	1	20	SPARE	-	22
23	-	SPARE	20	1	-		--	1	20	SPARE	-	24
25	-	SPACE	-	1	-		--	1	--	SPACE	-	26
27	-	SPACE	-	1	-		--	1	--	SPACE	-	28
29	-	SPACE	-	1	-		--	1	--	SPACE	-	30
31	-	SPACE	-	1	-		--	1	--	SPACE	-	32
33	-	SPACE	-	1	-		--	1	--	SPACE	-	34
35	-	SPACE	-	1	-		--	1	--	SPACE	-	36
37	-	SPACE	-	1	-		--	1	--	SPACE	-	38
39	-	SPACE	-	1	-		--	1	--	SPACE	-	40
41	#12	EMERGENCY LIGHTS	20	1	0.5		--	1	--	SPACE	-	42

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (kva) = 97.0

AØ = 20.6 kva | BØ = 19.2 kva | CØ = 17.2 kva

GROUND BUS
GROUND WIRE (G)

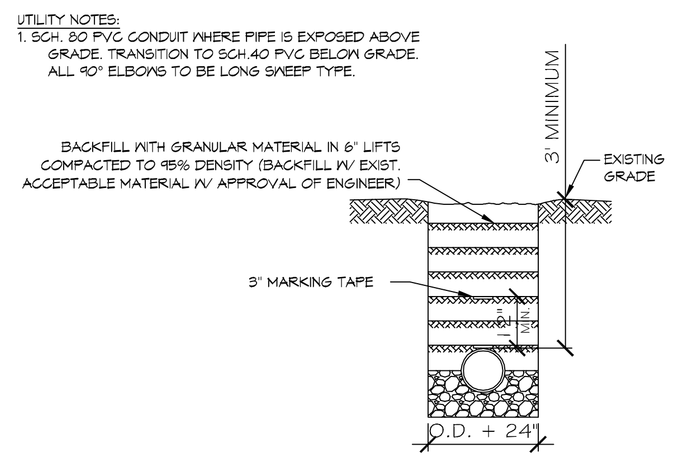


WIRING NOTES:

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.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
Ph: 985.649.5832
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL:

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

NEW PREP FACILITY
OLD TOWN KITCHEN
227 COUSIN STREET
SLIDELL, LA 70458

JOB No:	23-24	DATE:	11-21-17
DRAWN BY:	JTL	CHECKED BY:	CKD

The client shall be responsible for all errors, omissions, changes and shop drawings approved by consultants. Review by consultants of shop drawings is for general conformance with the design concept and general arrangement only. Contractor is responsible for all dimensions, quantities, and all work performed shall be in accordance with all applicable codes, ordinances, and regulations. Contractor shall be responsible for all safety precautions and procedures. Contractor shall be responsible for all means and methods of construction. Contractor shall be responsible for all construction, workmanship, and materials. Contractor shall be responsible for all warranties, guarantees, and bonds. Contractor shall be responsible for all insurance and bonds. Contractor shall be responsible for all permits and fees. Contractor shall be responsible for all taxes and fees. Contractor shall be responsible for all utilities and services