



ELECTRICAL ONE-LINE DIAGRAM
SCALE: N.T.S.

3-250 KCM THHN AL, 1-250 KCM AL, N, 1#4 GROUND, 2-1/2" C

3/4" X 1/2" CU CLAD GND ROD, 2-20 CU GND ROD, PROTECT IN PVC PIPE AND CONNECT TO COLD WATER SUPPLY & GAS LINE. CAD WELD ALL CONNECTIONS.

GROUND ROD

MDP PNL
2000A
15 BREAKERS
MESH
TRIP

REMOTE SHUNT TRIP BREAKER
LOCATION LOCATED AT

METER
60 KVA TRANSFORMER
CONCRETE PAD
GRADE
BY ENERGY

NEW POWER CO PAD 120/240V, 3PH, 4W, 3W, 4W SERVICE INVERTER
2000A, 50' 4IN SERVICE INVERTER

6 (480V) KCM ALUMINUM, 5" PVC SCH 80 C (BY CONTRACTOR)

2 (5" PVC SCH 80 C)

GENERAL NOTES:
1. FOR POWER AND LIGHTING LOCATIONS IN ELECTRICAL SUITES
2. VERIFY POWER SUPPLY TIE-IN LOCATION WITH UTILITY COMPANY'S FIELD ENGINEER PRIOR TO COMMENCING ANY ELECTRICAL WORK

NOTE: 1) OWNER SHALL MAINTAIN ALL ELECTRICAL PANELS ONCE A YEAR AND NOTIFY ALL ELECTRICAL DEBS.
NOTE: 2) ALUMINUM WIRE FROM TRANSFORMER TO MDP PANEL & COPPER WIRE FROM OTHER PANELS TO ALL RECEPTACLES AND SWITCHES.

ELECTRICAL LOAD SUMMARY
ENERGY POWER COMPANY

PROJECT NAME:	
PROJECT ADDRESS:	
CITY/TOWN:	
INTENDED USER:	
REQ SERV:	V 1Ø PHASE # WIRES
SERV ENTR SIZE:	AMPS
HVAC TONNAGE:	TONS
LARGEST MOTOR:	HP
TOTAL BUILDING SQ FT:	SF
INDIVIDUAL UNIT SQUARE FOOTAGE:	SF (MULT OCCUPANCY)
INDIVIDUAL UNIT DESIGNATION:	
LOAD SOURCE	1Ø-KVA 3Ø-KVA R 1Ø-KM 3Ø-KM
BUILDING LIGHTING	
ELECTRIC WATER HEATING	
HEAT PUMPS	
SUPPLEMENTAL HEAT SYSTEMS	
AIR COND CONDENSING UNITS	
ELEC HEATING (PRIMARY) - AHUS	
COOKING	
REFRIGERATION	
RECEPTACLES (STANDARD)	
RECEPTACLES (COMPUTER)	
TOTAL MOTORS (EXCLUDE HVAC)	
EXTERIOR LIGHTING	
MISCELLANEOUS - CEILING FANS	
OTHER (SPECIFY)	

U N I - N A M E D

LOT #1 LA HAY 21 HACKBERRY, LA 70645

JOB NO: 2141 DATE: JUNE 2, 2015

DRAWN BY: DD/JTL CHECKED BY: CKD

REVISIONS

#	DESCRIPTION	DATE

SCALE:

SHEET NO: 00 OF 8

PRELIMINARY NOT FOR CONSTRUCTION

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