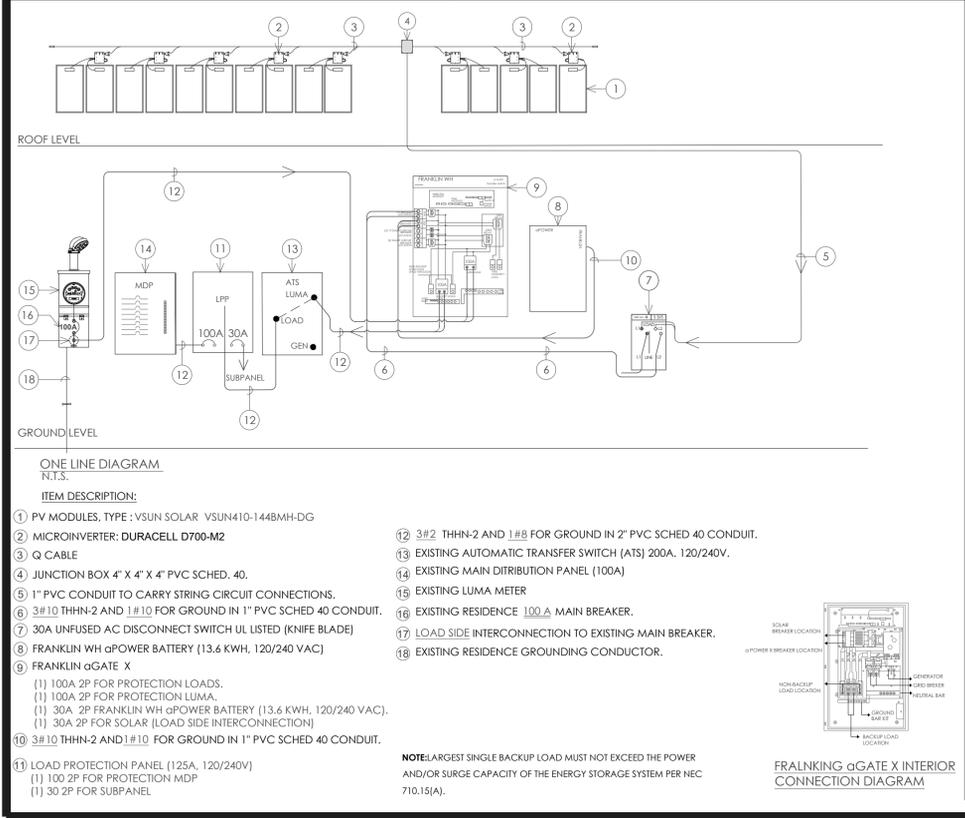


SYSTEM SUMMARY			
LOCATION INFORMATION			
LAMBERT COORDINATES	x: 233420.2907 y: 261454.2917		
CATASTRO	086-052-716-10		
COORDINATES	Lot: 18.3889369 / Lot#: -66.117030		
LUMA ACCOUNT NUMBER	2934102000		
LUMA LOCATION ID NUMBER	2934102555		
LUMA METER NUMBER	13677013		
PROJECT CAPACITY			
TOTAL DC CAPACITY @ STC (SOLAR PANELS)	6.15 KW-DC		
TOTAL AC CAPACITY (INVERTERS)	5.76 KW-AC		
INTERCONNECTION POINT			
INTERCONNECTION POINT	TRANSFER SWITCH		
SITE DESCRIPTION			
MODULE TILT	10°		
INTERCONNECTION VOLTAGE	120/240, 1P, 2L-H+G		
ROOFTOP MATERIAL/TILT	CONCRETE / LEVELED		
LEVELS BELOW ROOF	1		
AZIMUTH	155°		
SOLAR PANEL			
MODULE MAKE AND MODEL	(15) VSUN SOLAR VSUN410-144BMH-DG		
MAX. POWER @STC	410W		
OPEN CIRCUIT VOLTAGE @STC	49.9V		
MAX POWER POINT VOLTAGE @STC	41.4V		
SHORT CIRCUIT CURRENT @STC	10.44A		
MAX POWER POINT CURRENT @STC	9.91A		
INVERTER			
INVERTER MAKE AND MODEL	(8) DURACELL D700-M2		
MAX OUTPUT POWER	700 VA		
MAX DC VOLTAGE	60 V		
NOMINAL AC VOLTAGE	240 V		
MAX AC CURRENT	2.90 A		
CEC INVERTER EFFICIENCY	97.5%		
BATTERY			
BATTERY MAKE AND MODEL	(1) FRANKLIN WH αPOWER BATTERY (13.6 KWH, 120/240 VAC)		
RACKING			
RAIL MAKE AND MODEL	UNIRAC SM		
RAPID SHUTDOWN EQUIPMENT			
MAKE AND MODEL	GENERAL DUTY SAFETY SWITCH 30A 240 VAC		
SOLAR READY REPAIRS			
DOUBLE-TAPPING MAIN BREAKER	DEAD FRONT MAIN BREAKER		
MAIN BREAKER (REPLACE/REEMPLAZAR)	REMOVE PLUG IN MAIN BREAKER		
UNDERGROUND TRENCH < 50FT	DOUBLE TAPPING G / N		
TRIM EXPOSED CABLE	GROUND WIRE FROM METER TO MDP		
INCORRECT CABLE COLOR	UNDERGROUND TRENCH		
IMPROPER BONDING	METER TOO HIGH		
LEGEND			
AC	SOLAR WATER HEATER	INTERIOR LUMA METER	PHOTOVOLTAIC TYPICAL
DC	TRANSFER SWITCH	FLOOR F	ABBREVIATIONS:
AT&T	LOAD CENTER	FRANKLIN INVERTER	A: AUTOMATIC TRANSFER SWITCH
ROOF	FRANKLIN BATTERY	INVERTER	AC: NATIONAL ELECTRIC CODE
AC	INVERTER	INVERTER	NEC: NATIONAL ELECTRICAL CODE
			PL: PROPERTY LINE
			PS: PHOTOVOLTAIC SYSTEM
			RS: RAPID SHUTDOWN SWITCH
			STC: STANDARD TEST CONDITIONS
			UL: UNDERWRITERS LABORATORIES
			VOL: VOLTAGE
			W: WATT
			WH: WHOLE HOUSE
			WV: WIRE VOLTAGE
			X: FEET
			Y: FEET
			Z: FEET



SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUTDOWN PV SYSTEM AND REDUCE SHOCK HAZARD IN ARRAY

WARNING
ELECTRIC SHOCK HAZARD
DO NOT TOUCH TERMINALS ON BOTH THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

NEC 490.56(C)(1)(1)(b): PV SYSTEM DISCONNECTING SWITCH

NEC 490.13(B): COMBINER BOXES, SOLAR DC DISCONNECT UNITS

WARNING: PHOTOVOLTAIC POWER SOURCE

NEC 490.31(G)(3) [REFLECTIVE MATERIAL]: SOLAR DC DISCONNECT UNITS; EXPOSED TRAYS, CABLE TRAYS, AND OTHER WIRING METHODS; COVERS OR ENCLOSURES OF FULL BOXES AND JUNCTION BOXES; CONDUIT BODIES IN WHICH ANY OF THE AVAILABLE CONDUIT OPENINGS ARE UNUSED. (EVERY 10 FT.)

WARNING
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

NEC 490.13(B): PV SYSTEM DISCONNECT UNITS (AC AND DC); GENERATION ELECTRICAL PANELS; MAIN SERVICE DISCONNECT

NEC 690.12: SOLAR DC DISCONNECT UNITS

WARNING
DUAL POWER SUPPLY SOURCES: UTILITY GRID AND PV SOLAR ELECTRICAL SYSTEM

NEC 705.12(B)(3): BIDIRECTIONAL (NET METERING) METERS ONLY

LABELING NOTES

- THE MARKING SHALL WARN OF THE HAZARDS USING EFFECTIVE WORDS, COLORS, SYMBOLS, OR ANY COMBINATION THEREOF. (NEC 110.21(B)(1)(i))
- THE LABELS SHALL BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENTAL EXPOSURE. (NEC 110.21(B)(1)(ii))
- ADHESIVE FASTENED SIGNS MAY BE ACCEPTABLE IF PROPERLY ADHERED. VINYL SIGNS SHALL BE WEATHER RESISTANT. (IPC 405.1.1.3)
- WARNING TAGS ARE USED TO REPRESENT A HAZARD LEVEL BETWEEN "CAUTION" AND "DANGER". (OSHA 1910.145(f)(7))
- ENTRANCES TO ROOMS OR OTHER GUARDED LOCATIONS THAT CONTAIN EXPOSED LIVE PARTS SHALL BE MARKED WITH CONSPICUOUS WARNING SIGNS FORBIDDING UNQUALIFIED PERSONS TO ENTER. (NEC 110.27(C))
- ALL ELECTRICAL BOXES AND/OR EQUIPMENT SHALL BE PROPERLY IDENTIFIED WITH A LABEL.
- NOT ALL LABELS IN THE CODES ARE APPLICABLE TO ALL PROJECTS. CONTRACTOR MUST ONLY INSTALL THOSE APPLICABLE TO THE PROJECT.
- LABEL DESIGNS MAY VARY SLIGHTLY FROM THOSE INSTALLED, BUT CODE STANDARDS MUST BE UNPRECEDENTED.

