

LEGEND

TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
MCP	MOTOR CIRCUIT PROTECTOR
100A CB	MOLDED CASE CIRCUIT BREAKER, AMP RATING DENOTES TRIP
CP	CONTROL PANEL
1M	UNIT NUMBER
FVNR	FULL VOLTAGE-NON REVERSING
FVR	FULL VOLTAGE REVERSIBLE
HOA	HAND OFF AUTO SELECTOR
PLC	PROGRAMMABLE LOGIC CONTROLLER, PROVIDED BY FUEL HANDLING SYSTEM VENDOR
OL'S	THERMAL OVERLOAD HEATER
AFD	ADJUSTABLE FREQUENCY DRIVE

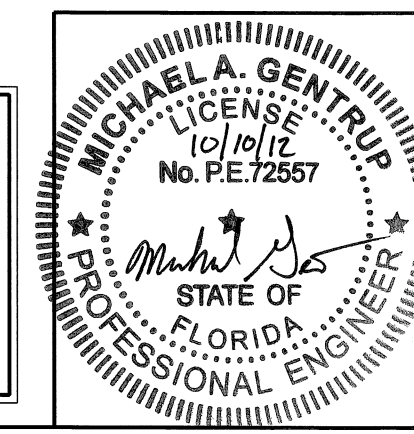
GENERAL NOTES

- EQUIPMENT LOCATED IN FIELD AND PROVIDED BY FUEL HANDLING SYSTEM VENDOR.

REFERENCE DRAWINGS

- ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES
D014200-AAAE71001 SH01-SH02
- LOW VOLTAGE AC POWER SYSTEM, 480V SWITCHGEAR
ELA-SG-100S ONE-LINE DIAGRAM
D014200-ELAE11003 SH01
- ELA-MC-1005A, MODEL 6 MOTOR CONTROL CENTER, ONE LINE DIAGRAM
SQUARE D DWG# O30895089-013-01 SH01-SH03
M014200-PDCE00445 SH01-SH03 RP2

EXTENSIVE CHANGES
REVIEW THOROUGHLY



1	ISSUED FOR CONSTRUCTION	10/12/12	AKC	MAP	LM	
2	ISSUED FOR BID					
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD

Gainesville Renewable Energy Center
An American Renewables Company

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GAINESVILLE RENEWABLE ENERGY CENTER
LOW VOLTAGE AC POWER SYSTEM
480V MCC ELA-MC-1005A
ONE-LINE DIAGRAM

DRAWN	11/01/11	DESIGNED	11/01/11	CHECKED	11/01/11	11/01/11
A. PETERSEN		J. STELLWELL		L. MEYER		
APPROVED BY		DRAWING NUMBER		SHEET	REV.	
M. GENTRUP		D014200- ELAE11018		02	1	
APPROVED FOR						
RCALIST						