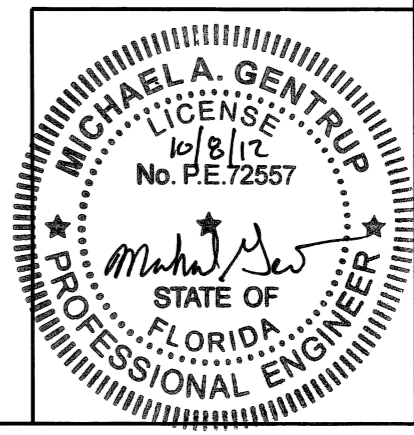


- ### LEGEND
- TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION
 - MCP MOTOR CIRCUIT PROTECTOR
 - 100A CB MOLDED CASE CIRCUIT BREAKER, AMP RATING DENOTES TRIP
 - CP CONTROL PANEL
 - 1M UNIT NUMBER
 - FVNR FULL VOLTAGE-NON REVERSING
 - HOA HAND OFF AUTO SELECTOR
 - CO CONTACTOR
 - DCS DIGITAL CONTROL SYSTEM
 - OL'S THERMAL OVERLOAD HEATER
 - AFD ADJUSTABLE FREQUENCY DRIVE

- ### GENERAL NOTES
1. CONTROL PANEL IS PROVIDED BY VENDOR. CABLE BETWEEN CONTROL PANEL AND AIR COMPRESSOR ARE PROVIDED AND PREWIRED BY VENDOR.

- ### REFERENCE DRAWINGS
1. ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
 2. LOW VOLTAGE AC POWER SYSTEM; 480 SWITCHGEAR; ELA-SG-1004 ONE-LINE DIAGRAM D014200-ELAE11004 SH01
 3. UNINTERRUPTIBLE POWER SYSTEM 208/200V 3-PHASE UPS SYSTEM ONE-LINE DIAGRAM D014200-EUPE11001 SH01
 4. ELA-MC-1004A: MODEL 6 MOTOR CONTROL CENTER; ONE LINE DIAGRAM; SQUARE D DWG # O30895089-067-01 SH01-SH02 M014200-PDCE0402 SH01-SH02 RP2

**EXTENSIVE
CHANGES**
REVIEW
THOROUGHLY



1	ISSUED FOR CONSTRUCTION	10/22/2012	ATC	JLS	LM
2	ISSUED FOR BID				
NO.	REVISION	DATE	DRWN	DSND	CHKD

Gainesville Renewable Energy Center
An American Renewables Company

ZACHRY

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GAINESVILLE RENEWABLE ENERGY CENTER
LOW VOLTAGE AC POWER SYSTEM
480V MCC ELA-MC-1004A
ONE-LINE DIAGRAM

DRWN	10011	DESIGNED	10011	CHECKED	10011	CHECKED	10011
L. PETERSEN		A. DAEGER	J. STELWELL	L. MEYER			
APPROVED							

DRAWING NUMBER: D014200-ELAE11017
SHEET: 01
REV: 1