



**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

- REFERENCE DRAWINGS**
- ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES  
D014200-AAAET71001 SH01-SH02
  - LOW VOLTAGE AC POWER SYSTEM, 480 SWITCHGEAR:  
ELA-SG-1004 ONE-LINE DIAGRAM  
D014200-ELAE11004 SH01
  - UNINTERRUPTIBLE POWER SYSTEM  
208/20V 3-PHASE UPS SYSTEM ONE-LINE DIAGRAM  
D014200-EUPE11001 SH01
  - ELA-MC-1004A; MODEL 6 MOTOR CONTROL CENTER:  
ONE LINE DIAGRAM  
SQUARE D DWG # C30895089-067-01 SH01-SH02  
M014200-PDCE00402 SH01-SH02 RP2

0	ISSUED FOR CONSTRUCTION	DATE	DRWN	DSND	CHKD	CHKD
NO.	REVISION					

**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

DESIGNED BY: *A. GLENN* CHECKED BY: *L. MEYER*  
DRAWING NUMBER: *101812* SHEET: *02*  
APPROVED BY: *M. GENTRUP* REV: *0*

PROFESSIONAL ENGINEER  
MICHAEL A. GENTRUP  
LICENSE 101812  
No. P.E. 72557  
STATE OF FLORIDA

D014200- ELAE11017 02 0