

**LEGEND**

- LSIG LONG-TIME, SHORT-TIME, INSTANTANEOUS, GROUND FAULT INTERRUPTING (PROVIDED BUT NOT USED)
- TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION
- VAN SINGLE PHASE VOLTAGE, PHASE A-TO-NEUTRAL
- EO ELECTRICALLY OPERATED
- RES RESISTANCE GROUNDING SYSTEM
- INSTRUMENT SIGNAL
- LC LOCAL CONTROL (REMOTE BREAKER CONTROL CABINET)

**REFERENCE DRAWINGS**

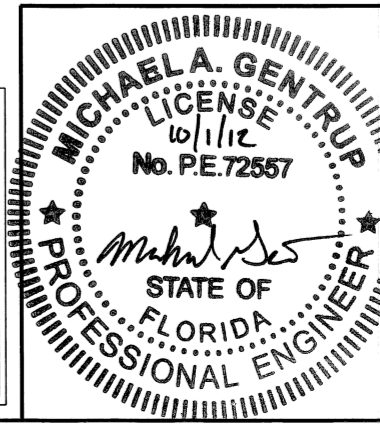
1. ANNOTATIONS, ABBREVIATIONS AND ASSOCIATIONS ELECTRICAL SYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
2. MEDIUM VOLTAGE AC; 4160V SWITCHGEAR EMA-SG-1001 ONE-LINE DIAGRAM D014200-EMAE11001 SH01
3. MEDIUM VOLTAGE AC; 4160V SWITCHGEAR EMA-SG-1002 ONE-LINE DIAGRAM D014200-EMAE11002 SH01
4. LOW VOLTAGE AC POWER SYSTEM; 480V MCC MC-1003A ONE-LINE DIAGRAM D014200-ELAE11016 SH01
5. LOW VOLTAGE AC POWER SYSTEM; 480V SWITCHGEAR ELA-SG-1004 ONE-LINE DIAGRAM D014200-ELAE11024 SH01
6. LOW VOLTAGE AC POWER SYSTEM; 480V MCC ELA-MC-1001C ONE-LINE DIAGRAM D014200-ELAE11013 SH01
7. LOW VOLTAGE AC POWER SYSTEM; 480V MCC ELA-MC-1001B ONE-LINE DIAGRAM D014200-ELAE11013 SH01
8. ELA-SG1003/1004 PZ4 SWITCHGEAR ONE-LINE M014200-PDCED00209 S01 RB

NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD	
1	ISSUED FOR CONSTRUCTION		JG/rlr	LAP	LM	MDP	EN
0	ISSUED FOR BID						

**Gainesville Renewable Energy Center**  
An American Renewables Company

**ZACHRY**

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**GAINESVILLE RENEWABLE ENERGY CENTER**  
LOW VOLTAGE AC POWER SYSTEM  
480V SWITCHGEAR ELA-SG-1003  
ONE-LINE DIAGRAM

DESIGNED	CHECKED	DATE	BY
J. STELLWELL	K. MAREDDITH		

APPROVED BY: *M. Gentrup*  
DRAWING NUMBER: D014200- ELAE11003  
SHEET: 01 OF 1

**EXTENSIVE CHANGES**  
REVIEW THOROUGHLY