

**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

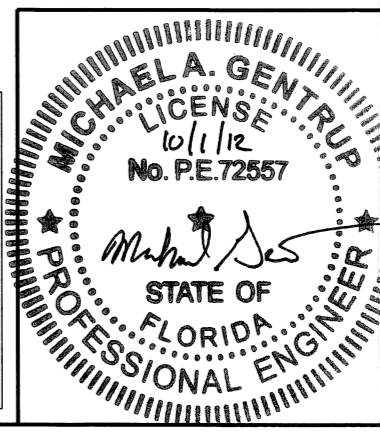
RES RESISTANCE GROUNDING SYSTEM

INSTRUMENT SIGNAL

LC LOCAL CONTROL (REMOTE BREAKER CONTROL CABINET)

- REFERENCE DRAWINGS**
- ANNOTATIONS, ABBREVIATIONS AND ASSOCIATIONS ELECTRICAL SYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
  - MEDIUM VOLTAGE AC; 4160V SWITCHGEAR EMA-SG-1005 ONE-LINE DIAGRAM D014200-EMAE11005 SH01
  - MEDIUM VOLTAGE AC; 4160V SWITCHGEAR EMA-SG-1006 ONE-LINE DIAGRAM D014200-EMAE11006 SH01
  - LOW VOLTAGE AC POWER SYSTEM; 480V MCC ELA-MC-1006A ONE-LINE DIAGRAM D014200-ELAE11019 SH01
  - LOW VOLTAGE AC POWER SYSTEM; 480V SWITCHGEAR ELA-SG-1005 ONE-LINE DIAGRAM D014200-ELAE11005 SH01
  - ELA-SG-1005/1006 P24 SWITCHGEAR ONE-LINE M014200-PDCE00194 S01 RA1

**EXTENSIVE CHANGES**  
REVIEW THOROUGHLY



1	ISSUED FOR CONSTRUCTION	10/12/12	LEP	LJM	MBP	ED
0	ISSUED FOR BID					
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD
 <b>ZACHRY</b> <small>ZACHRY ENGINEERING CORPORATION - 1515 ARAPAHOE STREET, TOWER 1, SUITE 900, DENVER, CO 80202-4256  FLORIDA BOARD OF PROFESSIONAL ENGINEERS CERTIFICATE OF AUTHORIZATION #08738  AMARILLO, TX CHARLOTTE, NC HOUSTON, TX MINNEAPOLIS, MN OMAHA, NE SAN ANTONIO, TX</small>						
<b>GAINESVILLE RENEWABLE ENERGY CENTER</b> LOW VOLTAGE AC POWER SYSTEM 480V SWITCHGEAR ELA-SG-1006 ONE-LINE DIAGRAM						
DRAWN	DESIGNED	CHECKED	CHECKED			
L.PETERSEN	L.MEYER	J.STILLWELL	K.MEREDITH			
APPROVED BY	DRAWING NUMBER	SHEET	REV			
<i>M. Gentrup</i>	D014200- ELAE11006	01	1			