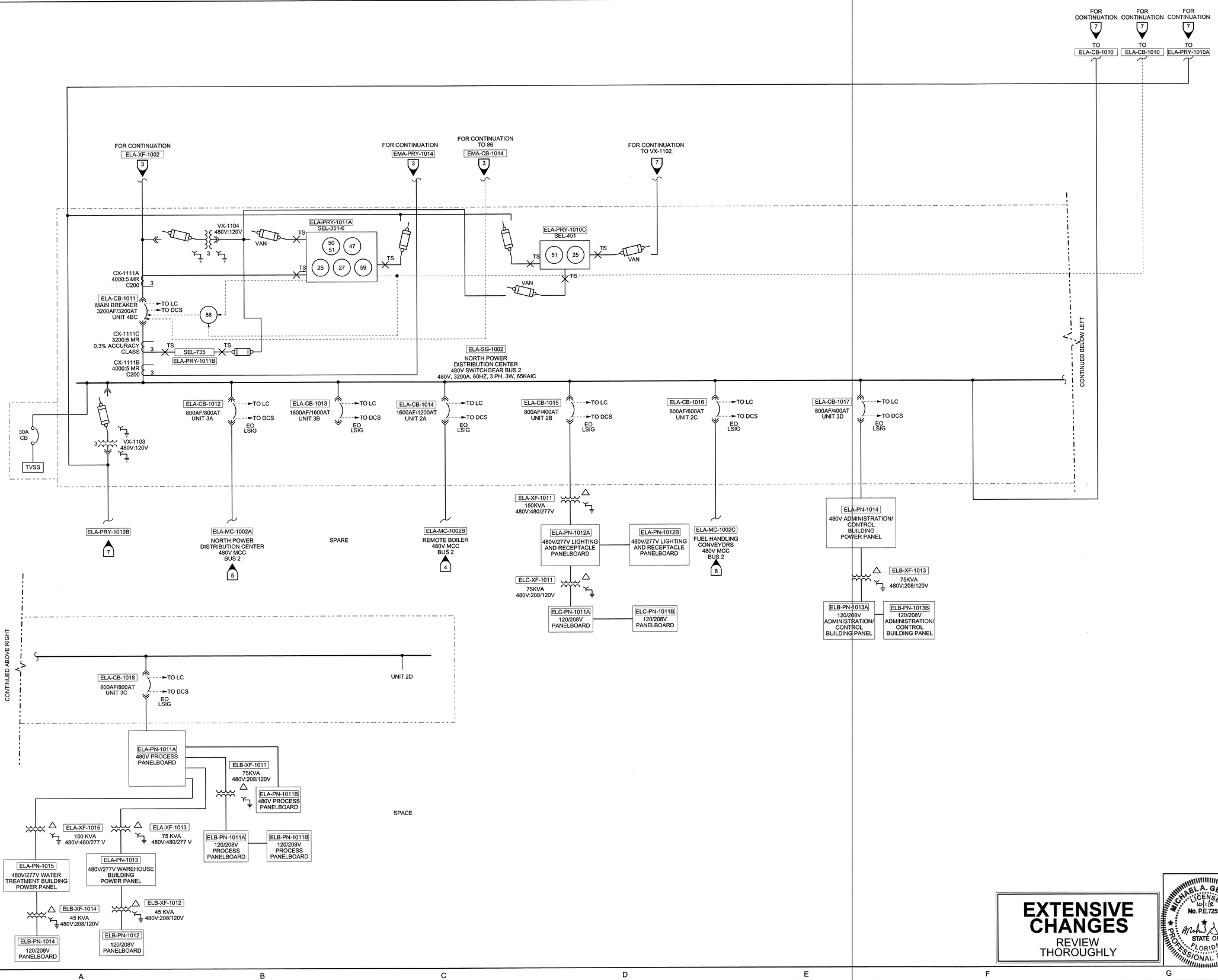

LEGEND

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 ELA-MC-1002B ONE-LINE DIAGRAM D014200-ELAE11014 SH01
5. LOW VOLTAGE AC POWER SYSTEM; 480V MCC ELA-MC-1002A ONE-LINE DIAGRAM D014200-ELAE11012 SH01
6. LOW VOLTAGE AC POWER SYSTEM; 480V MCC ELA-MC-1002C ONE-LINE DIAGRAM D014200-ELAE11015 SH01
7. LOW VOLTAGE AC POWER SYSTEM; 480V SWITCHGEAR ELA-SG-1001 ONE-LINE DIAGRAM D014200-ELAE11001 SH01
8. ELA-SG-1001/1002 PZ4 SWITCHGEAR ONE-LINE M014200-PDCE00179 S01 RB

EXTENSIVE CHANGES
REVIEW THOROUGHLY

NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD
1	ISSUED FOR CONSTRUCTION	10/01/12	LEP	LM	MPP	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-1002
ONE-LINE DIAGRAM

DRAWN	DESIGNED	CHECKED	CHECKED
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DRAWING NUMBER: D014200- ELAE11002 | SHEET: 01 | REV: 1