



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
PLC	PROGRAMMABLE LOGIC CONTROLLER, PROVIDED BY FUEL HANDLING SYSTEM VENDOR
OL'S	THERMAL OVERLOAD HEATER
AFD	ADJUSTABLE FREQUENCY DRIVE

GENERAL NOTES

- EQUIPMENT LOCATED IN FIELD AND PROVIDED BY FUEL HANDLING SYSTEM VENDOR.

- ### REFERENCE DRAWINGS
- ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
 - LOW VOLTAGE AC POWER SYSTEM; 480V SWITCHGEAR ELA-SG-1005 ONE-LINE DIAGRAM D014200-ELAE11003 SH01
 - ELA-MC-1005A; MODEL 6 MOTOR CONTROL CENTER; ONE LINE DIAGRAM SQUARE D DIV#6 C30895089-013-01 SH01-SH03 M014200-PDCE00445 SH01-SH03 RP2

EXTENSIVE CHANGES
REVIEW THOROUGHLY

1	ISSUED FOR CONSTRUCTION	John A. G. A. G. M. P. L. M.				
2	ISSUED FOR BID					
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD



ZACHRY

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GAINESVILLE RENEWABLE ENERGY CENTER
 LOW VOLTAGE AC POWER SYSTEM
 480V MCC ELA-MC-1005A
 ONE-LINE DIAGRAM

DRWN	1/8/11	DESIGNED	1/8/11	CHECKED	1/8/11	CHECKED	1/8/11
APPROVED BY		APPROVED BY		APPROVED BY		APPROVED BY	
PROJECT	D014200- ELAE11018			SHEET	01 1		

