



- ### 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
 - FVR FULL VOLTAGE REVERSIBLE
 - DCS DIGITAL CONTROL SYSTEM
 - OL'S THERMAL OVERLOAD HEATER
 - AFD ADJUSTABLE FREQUENCY DRIVE

- ### GENERAL NOTES
1. PROVIDE ABB TYPE ACS3800 AFD IN NEMA 1 WALL MOUNTED ENCLOSURE, LOCATED IN REMOTE BACK ROOM.

- ### REFERENCE DRAWINGS
1. ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
 2. LOW VOLTAGE AC POWER SYSTEM; 480V SWITCH GEAR ELA-SG-1002; ONE-LINE DIAGRAM D014200-ELAE11002 SH01
 3. ELA-MC-1002B; MODEL 6 MOTOR CONTROL CENTER; ONE LINE DIAGRAM SQUARE D DWG # O30895089-003-01 SH01-SH03 M014200-PDCE00471 SH01-SH03 RA

EXTENSIVE CHANGES
REVIEW THOROUGHLY

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

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-1002B
ONE-LINE DIAGRAM

DRWN	11/01	DESIGNED	11/01	CHECKED	11/01
L.PETERSEN		A.DAEGER		J.STILLWELL	L.MEYER
APPROVED BY		DRAWING NUMBER		SHEET	REV
<i>Michael A. Gentrup</i>		D014200-ELAE11014		01	1

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