



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

- PROVIDE ABB TYPE ACS3800 AFD IN NEMA 1 WALL MOUNTED ENCLOSURE, LOCATED IN REMOTE RACK ROOM PDC.

REFERENCE DRAWINGS

- ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES D014200-AAA71001 SH01-SH02
- LOW VOLTAGE AC POWER SYSTEM, 480V SWITCHGEAR ELS-SG-1003; ONE-LINE DIAGRAM D014200-ELAE11003 SH01
- ELA-MC-1002A; MODEL 6 MOTOR CONTROL CENTER; ONE-LINE DIAGRAM; SQUARE D DWG # O30895089-002-01 SH01-SH03 M014200-PDCE00369 SH01-SH03 RP3

EXTENSIVE CHANGES
REVIEW THOROUGHLY

1	ISSUED FOR CONSTRUCTION	04/22	AJS	AJS	MCP	ASD
0	ISSUED FOR BID					
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD

Gainesville Renewable Energy Center
An American Renewables Company

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GAINESVILLE RENEWABLE ENERGY CENTER
LOW VOLTAGE AC POWER SYSTEM
480V MCC ELA-MC-1001B
ONE-LINE DIAGRAM

DRWN	DESIGNED	CHECKED	11011	11011	11011
L.PETERSEN	A. DAEGER	J. STILLWELL	L. MEYER		
APPROVED BY	DRWNR				
M. GENTRUP					
APPROVED FOR					

D014200- ELAE11013 01 1

