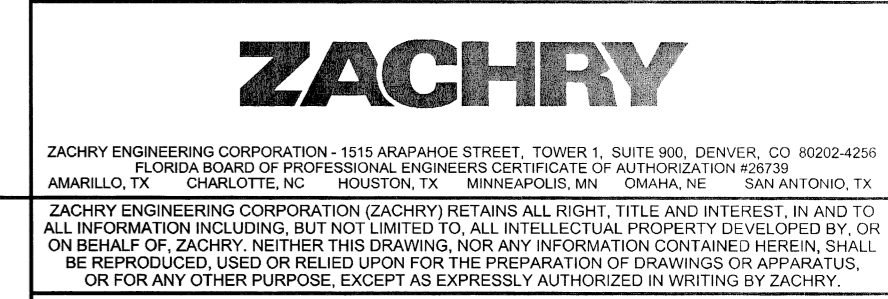


LEGEND

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
CO	CONTACTOR
DCS	DIGITAL CONTROL SYSTEM
OLS	THERMAL OVERLOAD HEATER
AFD	ADJUSTABLE FREQUENCY DRIVE
PLC	PROGRAMMABLE LOGIC CONTROLLER

- REFERENCE DRAWINGS**
- ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
 - LOW VOLTAGE AC POWER SYSTEM; 480V SWITCHGEAR ELA-SG-1004 ONE-LINE DIAGRAM D014200-ELAE11004 SH01
 - ELA-MC-1004B; MODEL 6 MOTOR CONTROL CENTER; ONE LINE DIAGRAM; SQUARE D DWG # O30895089-068-01 SH01-SH03 M014200-PDCE00418 SH01-SH02 RP2, SH03 RP1

1	ISSUED FOR CONSTRUCTION	08/26/2016	AVG	25	LPM	
0	ISSUED FOR BID					
NO.	REVISION	DATE	DRAWN	DESIGN	CHECK	CHKD



GAINESVILLE RENEWABLE ENERGY CENTER
 LOW VOLTAGE AC POWER SYSTEM
 480V MCC ELA-MC-1004B
 ONE-LINE DIAGRAM

DRAWN	110911	DESIGNED	110911	CHECKED	110911	SHEET	REV
L. PETERSEN		A. DAEGEL	J. STALLWELL	L. MEYER		02	1
APPROVED BY		DRAWING NUMBER					
M. GENTRUP		D014200- ELAE11022					
APPROVED BY							
ROUST							

EXTENSIVE CHANGES
 REVIEW THOROUGHLY

