

GENERAL NOTES

- EQUIPMENT LOCATED IN PLANT SUBSTATION PROVIDED BY OTHERS. GENERATOR STEP-UP TRANSFORMER AND STATION SERVICE TRANSFORMER PROVIDED BY CONTRACTOR.
- ISOLATED PHASE BUS DUCT FURNISHED AND INSTALLED BY CONTRACTOR. TERMINATE ISOLATED PHASE BUS DUCT AT LOW VOLTAGE BUSHING OF GENERATOR STEP-UP TRANSFORMER AND AT LINE TERMINAL COMPARTMENT OF STEAM TURBINE GENERATOR. SEE SPECIFICATION SECTION 481930 FOR TECHNICAL DETAILS REGARDING ISOLATED PHASE BUS DUCT.
- STEAM TURBINE GENERATOR FURNISHED BY OTHERS AND INSTALLED BY CONTRACTOR. SEE REFERENCE DRAWING 27 FOR FURTHER DETAILS.
- NEUTRAL GROUNDING TRANSFORMER AT STEAM TURBINE GENERATOR FURNISHED BY OTHERS AND INSTALLED BY CONTRACTOR.
- MOTOR CONTROL CENTER ELA-MC-1005B IS LOCATED IN THE STACKER RECLAIMER STRUCTURE AND FURNISHED BY THE WOOD YARD VENDOR.
- ELECTRICAL FIRE PUMP CONTROLLER PROVIDED BY FIRE PUMP BUILDING VENDOR.

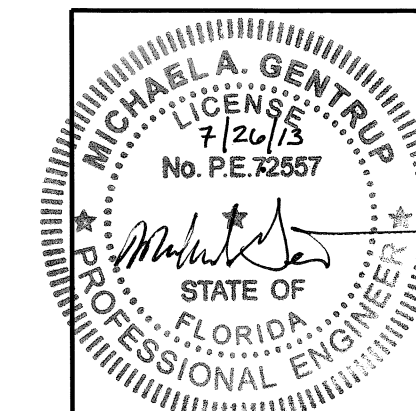
REFERENCE DRAWINGS

- ANNOTATIONS, ABBREVIATIONS AND ASSOCIATIONS ELECTRICAL SYMBOLS LIST AND GENERAL NOTES D014200-AAAE1001 SH01-SH02
- MEDIUM VOLTAGE AC, 4160V SWITCHGEAR EMA-SG-1001 ONE-LINE DIAGRAM D014200-EMAE11001 SH01
- MEDIUM VOLTAGE AC, 4160V SWITCHGEAR EMA-SG-1002 ONE-LINE DIAGRAM D014200-EMAE11002 SH01
- MEDIUM VOLTAGE AC, 4160V SWITCHGEAR EMA-SG-1005 ONE-LINE DIAGRAM D014200-EMAE11005 SH01
- MEDIUM VOLTAGE AC, 4160V SWITCHGEAR EMA-SG-1006 ONE-LINE DIAGRAM D014200-EMAE11006 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V SWITCHGEAR ELA-SG-1001 ONE-LINE DIAGRAM D014200-ELAE11001 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V SWITCHGEAR ELA-SG-1002 ONE-LINE DIAGRAM D014200-ELAE11002 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V SWITCHGEAR ELA-SG-1003 ONE-LINE DIAGRAM D014200-ELAE11003 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V SWITCHGEAR ELA-SG-1004 ONE-LINE DIAGRAM D014200-ELAE11004 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V SWITCHGEAR ELA-SG-1005 ONE-LINE DIAGRAM D014200-ELAE11005 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V SWITCHGEAR ELA-SG-1006 ONE-LINE DIAGRAM D014200-ELAE11006 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1001A ONE-LINE DIAGRAM D014200-ELAE11011 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1001B ONE-LINE DIAGRAM D014200-ELAE11012 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1001C ONE-LINE DIAGRAM D014200-ELAE11013 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1002A ONE-LINE DIAGRAM D014200-ELAE11014 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1002B ONE-LINE DIAGRAM D014200-ELAE11015 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1002C ONE-LINE DIAGRAM D014200-ELAE11016 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1003A ONE-LINE DIAGRAM D014200-ELAE11017 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1003B ONE-LINE DIAGRAM D014200-ELAE11018 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1003C ONE-LINE DIAGRAM D014200-ELAE11019 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1004A ONE-LINE DIAGRAM D014200-ELAE11020 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1004B ONE-LINE DIAGRAM D014200-ELAE11021 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1004C ONE-LINE DIAGRAM D014200-ELAE11022 SH01
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1004D ONE-LINE DIAGRAM D014200-ELAE11023 SH01
- SIEMENS STEAM TURBINE SINGLE LINE DIAGRAM M014200-STGE0001 SH02 RP2
- LOW VOLTAGE AC POWER SYSTEM, 480V MCC ELA-MC-1001C ONE-LINE DIAGRAM D014200-ELAE11024 SH01

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NO.	REVISION	DATE	DRWN	ENGR	CHKD	CHKD



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 FLORIDA BOARD OF PROFESSIONAL ENGINEERS CERTIFICATE OF AUTHORIZATION #8772
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**GAINESVILLE RENEWABLE ENERGY CENTER
 HIGH VOLTAGE AC POWER SYSTEM
 OVERALL
 ONE-LINE DIAGRAM**

DRWN	DESIGNED	CHECKED	CHECKED
L. PETERSEN	L. MEYER	J. STILLWELL	K. MEREDITH
APPROVED BY	DRAWING NUMBER	SHEET	REV
Michael A. Gentrup	D014200-EHAE11001	01	1