



GENERAL NOTES:

1. REFER TO DRAWINGS E0.01 FOR ELECTRICAL SYMBOLS AND E0.02 FOR ELECTRICAL ABBREVIATIONS AND GENERAL NOTES.
2. REFER TO DRAWING E5.01 FOR FEEDER SCHEDULE.

KEYED NOTES:

- 1 STATION CLASS SHUNT LIGHTNING ARRESTERS.
- 2 SOLIDLY GROUND AND BOND NEUTRAL OF TRANSFORMER TO TRANSFORMER COUNTERPOISE GROUNDING SYSTEM.
- 3 PROVIDE A MULTIFUNCTION DIGITAL METER WITH POWER QUALITY MONITORING CAPABILITY.
- 4 AUTOMATIC POWER FACTOR CORRECTION CAPACITOR UNIT (350 KVAR). ALL CAPACITORS DISCONNECT SHALL BE FROM THE ELECTRICAL DISTRIBUTION SYSTEM DURING UTILITY POWER OUTAGE.
- 5 MAIN CIRCUIT BREAKER "CBM" TO BE EQUIPPED WITH RELAYS TO PROTECT AGAINST OVER VOLTAGE, UNDER VOLTAGE, AND PHASE REVERSAL. THIS PROTECTION CAN BE BUILT IN OR CAN BE ACHIEVED EXTERNALLY WITH SEPERATE RELAYS SENSING ON THE LINE SIDE OF THE BREAKER. ANY OF THESE RELAYS SHOULD BE CAPABLE OF INSTANTANEOUSLY TRIPPING THE BREAKER USING THE SHUNT TRIP COIL. LOCKOUT ON THE BREAKER IS TO BE HANDLED THROUGH A STANDING SHUNT TRIP SIGNAL. THE BREAKER SHALL ALSO BE EQUIPPED WITH A STORED ENERGY RECLOSING MECHANISM THAT WILL RECLOSE. THE BREAKER AUTOMATICALLY WHEN THE STANDING SHUNT TRIP SIGNAL IS REMOVED (ALLOW FOR AN ADJUSTABLE TIME DELAY OF 1-120 SECONDS.) PROVIDE STATUS LAMPS TO SHOW PRESENT CONDITION AS WELL AS CAUSE OF LAST TRIP. TOTAL OF SIX LAMPS. SEE SHEET NOB-EB.05, DETAIL 1, FOR WIRING DETAIL.
- 6 REMOTE ANNUNCIATOR IN CHANCERY SWITCHBOARD ROOM.
- 7 REMOTE ANNUNCIATOR IN POST 1.
- 8 SOLIDLY GROUND GENERATOR NEUTRAL TO GENERATOR FRAME, AND TO BUILDING COUNTERPOISE AND IN ACCORDANCE WITH NEC ARTICLE 250.34 (C).
- 9 PROVIDE LOAD BANK SHUT DOWN SIGNAL FROM ATS-1 AND ATS-2 PRIOR TO TRANSFER TO EMERGENCY LOAD.
- 10 PROVIDE BY FUJI ELECTRIC AUTHORITY
- 11 PROVIDE MECHANICAL INTERLOCK BETWEEN THE GENERATOR CIRCUIT BREAKER AND THE LOAD BANK CIRCUIT BREAKER. BOTH CIRCUIT BREAKERS SHALL BE MOUNTED IN THE GENERATOR SET ASSEMBLY.
- 12 PROVIDE A BAS COMPATIBLE MULTIFUNCTION DIGITAL METER TO MEASURE KW AND KWH.



NEW EMBASSY COMPOUND FOR SUVA, FIJI

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PACKAGE E
CD BACKCHECK SUBMISSION
OCTOBER 18, 2007

AS-BUILT DRAWINGS

DO NOT SCALE DRAWINGS
ALL DIMENSIONS WITH A DECIMAL ARE IN METERS (m) AND WITHOUT A DECIMAL ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE.
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AM	AMENDMENT No. 3	11/26/2007
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Release For Construction: YES/NO

CMPD POWER ONE LINE DIAGRAM

060 Project Number SALMEC-06-R0043
Drawing Scale AS NOTED
060 File Name CAD Plot Scale 1/8" = 1'-0" 1/4" = 1'-0" 1/2" = 1'-0" 3/4" = 1'-0" 1" = 1'-0"

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