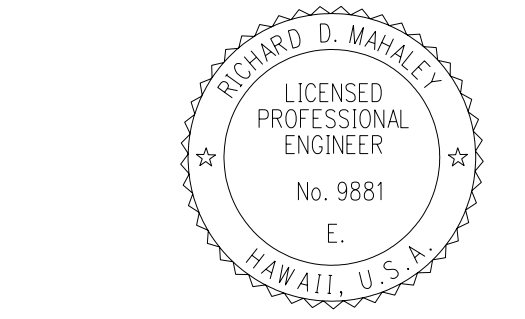


Scale For Microlining
Millimeters
Inches

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| no. | date | by | revision |
|-----|----------|-----|---|
| A | 7-16-99 | RDM | ISSUED FOR APPROVAL |
| B | 9-13-99 | RDM | ADDED 13.8kV SWGR BUS TIE BREAKER |
| 0 | 9-17-99 | RDM | ISSUED FOR BID |
| 1 | 10-13-99 | RDM | RE-ISSUED FOR BID |
| 2 | 1-10-00 | RDM | ISSUE FOR BID C. 10.32 |
| 3 | 02-04-00 | RDM | RE-ISSUED FOR BID |
| 4 | 03-21-00 | RDM | ISSUED FOR CONSTRUCTION |
| 5 | 11-03-00 | RDM | REVISED FOR HELCO RELAY REVISIONS ISSUE FOR CONSTRUCTION |
| 6 | 2-20-01 | RDM | CONFORMING TO CONSTRUCTION RECORDS |



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Signature



| | | | |
|----------|---------------|----------|---------------|
| date | JULY 7, 1999 | detailed | V. VERMILLION |
| designed | Young Soo Ham | checked | R.D.M. |

ENCOGEN HAWAII, L.P.

HAMAKUA COGENERATION FACILITY

| ELECTRICAL EQUIPMENT | |
|--------------------------------------|---------------------------------|
| ONE-LINE DIAGRAM OVERALL ONE-LINE | |
| project | contract |
| 98-945-1 | 99075-2008 |
| drawing | rev. |
| OEE-01 | - 6 |
| sheet | of sheets |
| 1 | 1 |
| file | OEE01.DGN / 2-20-2001 10:22/VLV |