



LEGEND

- | | |
|--|--|
| ① LM-2500 GAS TURBINE GENERATOR UNIT | ②⑦ TRANSMISSION LINE |
| ② HEAT RECOVERY STEAM GENERATOR (HRSG) (2 PRESS.) | ②⑧ FUTURE TRANSMISSION LINE |
| ③ STEAM TURBINE GENERATOR/CONDENSER | ②⑨ FUEL UNLOADING STATION |
| ④ MAIN CONTROL BUILDING (WAREHOUSE/ELECTRICAL BLDG.) | ③⑩ OIL WATER SEPARATOR |
| ⑤ HYDRAULIC START SKID | ③⑪ CONDENSER |
| ⑥ BOOSTER SKID | ③⑫ AMMONIA INJECTION SKID |
| ⑦ BLACK START GENERATOR | ③⑬ LOCAL CONTROL BUILDING |
| ⑧ COOLING TOWER | ③⑭ BOILER FEED PUMPS (3) |
| ⑨ WATER TREATMENT AREA | ③⑮ AIR COMPRESSORS, RECEIVERS, & DRIER |
| ⑩ DEMIN. STORAGE TANK | ③⑯ FUEL PIPE CORRIDOR |
| ⑪ FIRE WATER PUMPS | ③⑰ FUEL TRUCK TURN-AROUND |
| ⑫ RAW WATER STORAGE TANK | ③⑱ WATER WELL |
| ⑬ #2 FUEL OIL STORAGE TANK | ③⑲ FUTURE WATER WELL |
| ⑭ FUEL STORAGE TANK A | ④① AUXILIARY COOLING WATER PUMPS |
| ⑮ FUEL STORAGE TANK B | ④② CONDENSATE PUMPS |
| ⑯ FUEL FORWARDING PUMPS | ④③ GENERATOR LUBE OIL SKID |
| ⑰ GEN. STEP-UP TRANSFORMER | ④④ DRAINS TANK |
| ⑱ AUX. TRANSFORMERS | ④⑤ FUEL OIL CENTRIFUGE |
| ⑲ SUBSTATION | ④⑥ BLOWDOWN TANK |
| ⑲① COOLING WATER PUMPS | ④⑦ GLAND STEAM CONDENSER |
| ⑲② PIPE/ELECTRICAL CORRIDOR | ④⑧ AIR EJECTOR |
| ⑲③ AMMONIA STORAGE | ④⑨ COOLING TOWER & FUEL STORAGE MCC |
| ⑲④ WATER INJECTION SKID | ④⑩ SAMPLE ANALYSIS PANEL |
| ⑲⑤ METER RELAY BUILDING | ④⑪ COOLING TOWER CHEMICAL FEED SKID |
| ⑲⑥ CIRCULATING WATER PIPE | ④⑫ PHOSPHATE FEED SKID |
| ⑲⑦ TURBINE LUBE OIL SKID | ④⑬ AMINE/OXYGEN SCAVENGER FEED SKID |

FIGURE 1-3.
SITE LAYOUT
HAMAKUA ENERGY PLANT

Source: BURNS & McDONNELL ENGINEERING COMPANY, Inc. 1999.

