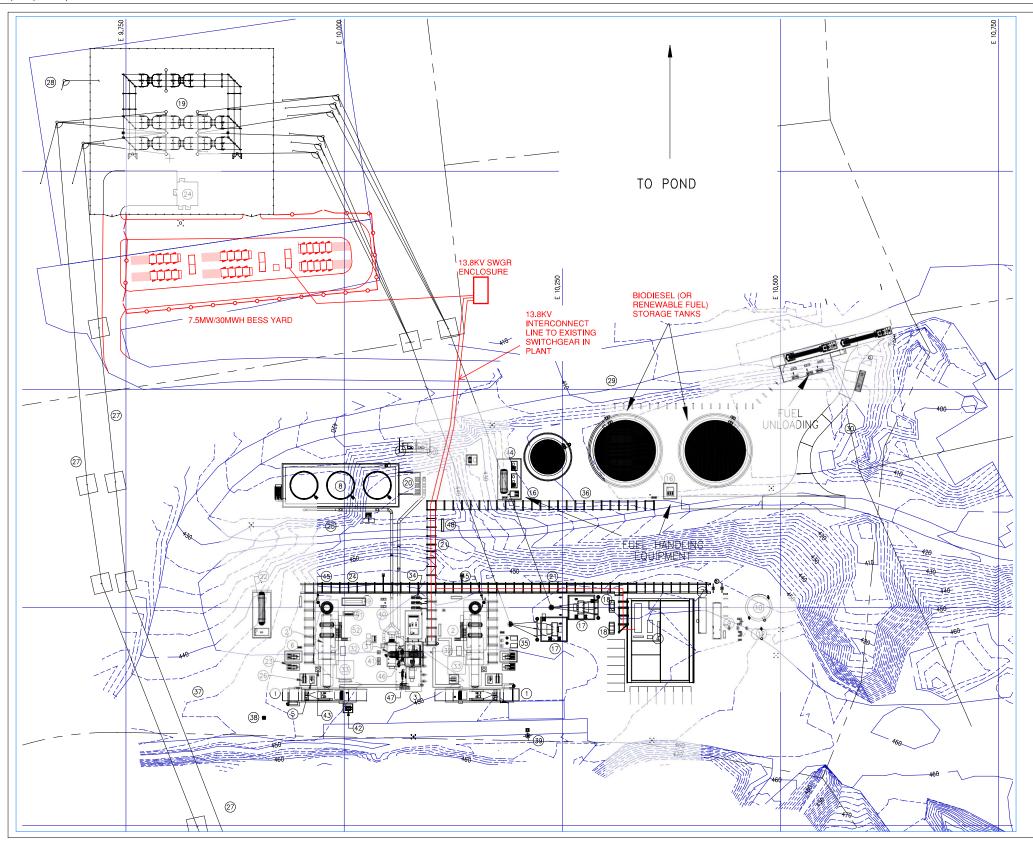
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## LEGEND

- ① LM-2500 GAS TURBINE GENERATOR UNIT
- (HRSG) (2 PRESS.)
- 3 STEAM TURBINE GENERATOR/CONDENSER
- (WAREHOUSE/ELECTRICAL BLDG.)
- 5 HYDRAULIC START SKID
- 6 BOOSTER SKID
- 7 BLACK START GENERATOR
- 8 COOLING TOWER
- WATER TREATMENT AREA
- 10 DEMIN. STORAGE TANK
- 11) FIRE WATER PUMPS
- 12 RAW WATER STORAGE TANK
- #2 FUEL OIL STORAGE TANK
- (4) FUEL STORAGE TANK A
- (5) FUEL STORAGE TANK B
- (6) FUEL FORWARDING PUMPS
- 17 GEN. STEP-UP TRANSFORMER
- (8) AUX. TRANSFORMERS
- 19 SUBSTATION
- @ COOLING WATER PUMPS
- ② PIPE/ELECTRICAL CORRIDOR
- 22) AMMONIA STORAGE
- 3 WATER INJECTION SKID
- ② METER RELAY BUILDING
- ② CIRCULATING WATER PIPE
- 26 TURBINE LUBE OIL SKID

- 7 TRANSMISSION LINE
- 28 FUTURE TRANSMISSION LINE
- 29 FUEL UNLOADING STATION
- 30 OIL WATER SEPARATOR
- (31) CONDENSER
- 32 AMMONIA INJECTION SKID
- 33 LOCAL CONTROL BUILDING
- 34) BOILER FEED PUMPS (3)
- 35) AIR COMPRESSORS, RECEIVERS, & DRIER
- 36 FUEL PIPE CORRIDOR
- 39 FUEL TRUCK TURN-AROUND
- 38 WATER WELL
- 39 FUTURE WATER WELL
- 40 AUXILIARY COOLING WATER PUMPS
- (4) CONDENSATE PUMPS
- 42 GENERATOR LUBE OIL SKID
- 43 DRAINS TANK
- 44 FUEL OIL CENTRIFUGE
- (45) BLOWDOWN TANK
- 46 GLAND STEAM CONDENSER
- 47) AIR EJECTOR
- (48) COOLING TOWER & FUEL STORAGE MCC
- (49) SAMPLE ANALYSIS PANEL
- 50 COOLING TOWER CHEMICAL FEED SKID
- (51) PHOSPHATE FEED SKID
- (3) AMINE/OXYGEN SCAVENGER FEED SKID

FIGURE 1-3.

SITE LAYOUT

HAMAKUA ENERGY PLANT

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

Environmental Consulting & Technology, Inc.