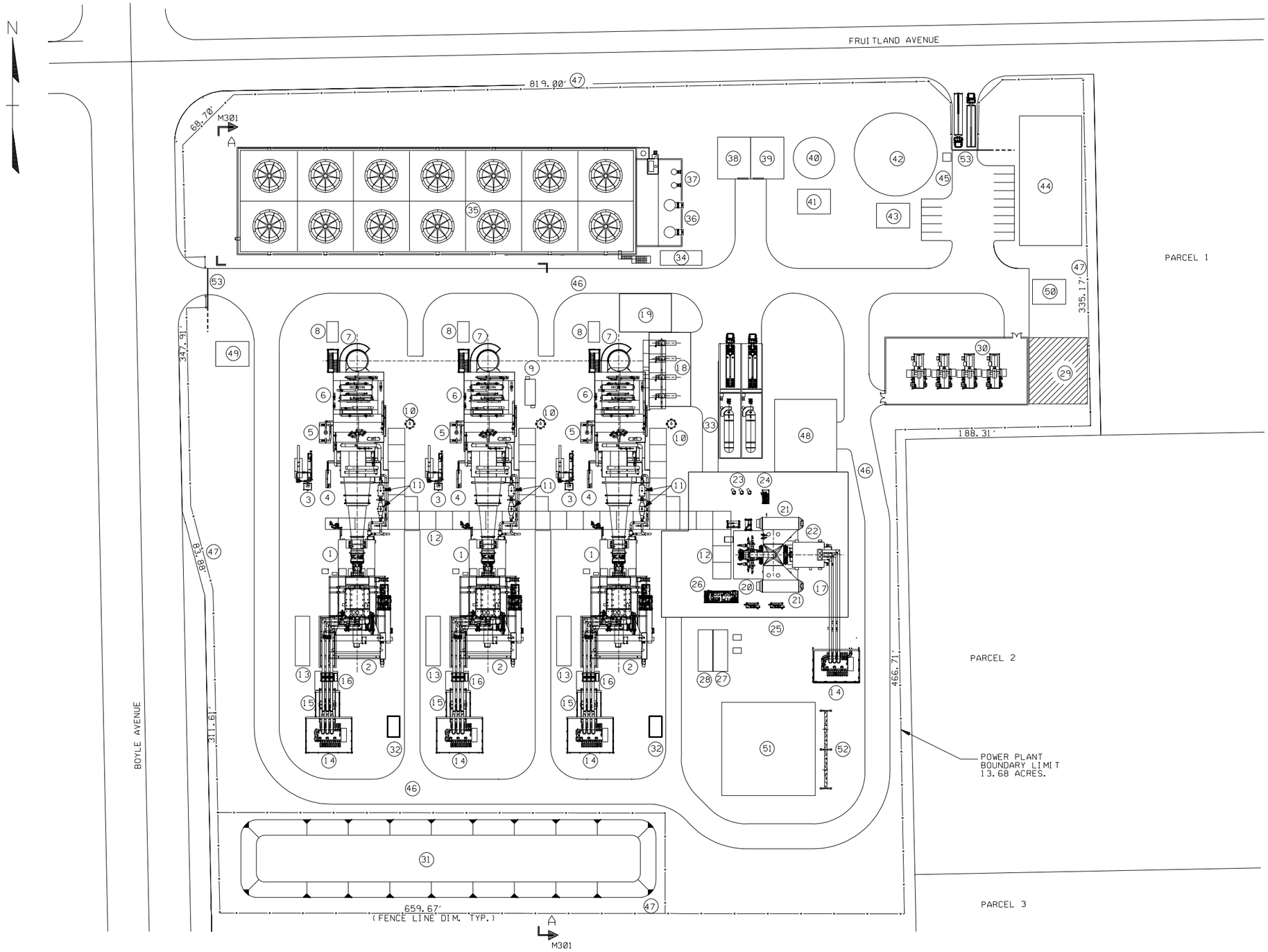

LEGEND

1 GAS TURBINE ENCLOSURE
2 TURBINE AIR INLET FILTER
3 FUEL GAS PREHEATER
4 DUCT FIRING SKID
5 SCR SKID
6 HEAT RECOVERY STEAM GENERATOR
7 HRSG STACK
8 CONTINUOUS EMISSIONS MONITORING
9 HRSG POWER CONTROL CENTER
10 BOILER BLOW DOWN TANK
11 ROTOR AIR COOLER
12 PIPE RACK
13 MV SWITCHGEAR
14 GENERATOR STEP UP TRANSFORMER
15 AUXILIARY TRANSFORMER
16 GENERATOR CIRCUIT BREAKER
17 ISOPHASE BUS DUCT
18 BOILER FEED WATER PUMPS
19 AUXILIARY BOILER
20 STEAM TURBINE WITH ENCLOSURE
21 SURFACE CONDENSER
22 GENERATOR
23 CONDENSATE PUMPS
24 GLAND SEALING SYSTEM
25 VACUUM PUMPS
26 LUBE OIL SKID
27 STEAM TURBINE POWER CONTROL CENTER
28 BALANCE OF PLANT POWER CONTROL CENTER
29 GAS METERING AREA (BY OTHERS)
30 GAS COMPRESSORS
31 DETENTION BASIN
32 OIL WATER SEPARATOR (BURIED)
33 19% AQUEOUS AMMONIA UNLOADING/STORAGE AREA
34 COOLING TOWER POWER CONTROL CENTER
35 COOLING TOWER
36 CIRCULATING WATER PUMP
37 AUXILIARY COOLING WATER PUMPS
38 CT CHEMICAL STORAGE AREA
39 DEMIN. PLANT
40 DEMIN. WATER STORAGE TANK
41 DEMIN. WATER FORWARDING PUMPS
42 RECYCLED WATER STORAGE TANK
43 RECYCLED WATER FORWARDING PUMPS
44 ADMIN./CONTROL RM./WAREHOUSE BUILDING
45 GATE & GUARDHOUSE
46 ROADS
47 FENCE
48 CONDENSATE POLISHING AREA
49 DIESEL ENGINE DRIVEN FIRE PUMP ENCLOSURE (INCLUDES DIESEL FUEL OIL TANK)
50 MOTOR DRIVEN FIRE PUMP ENCLOSURE
51 GIS BUILDING
52 DEAD END STRUCTURE
53 SLIDE GATE

GRAPHIC SCALE
0 25' 50' 100' 150'
1" = 50.0'

FIGURE 1.2-4
GENERAL ARRANGEMENT DRAWING
VERNON POWER PLANT
CITY OF VERNON, CALIFORNIA

Source: Burns and Roe, Dwg. No. M300, Rev. H1.

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