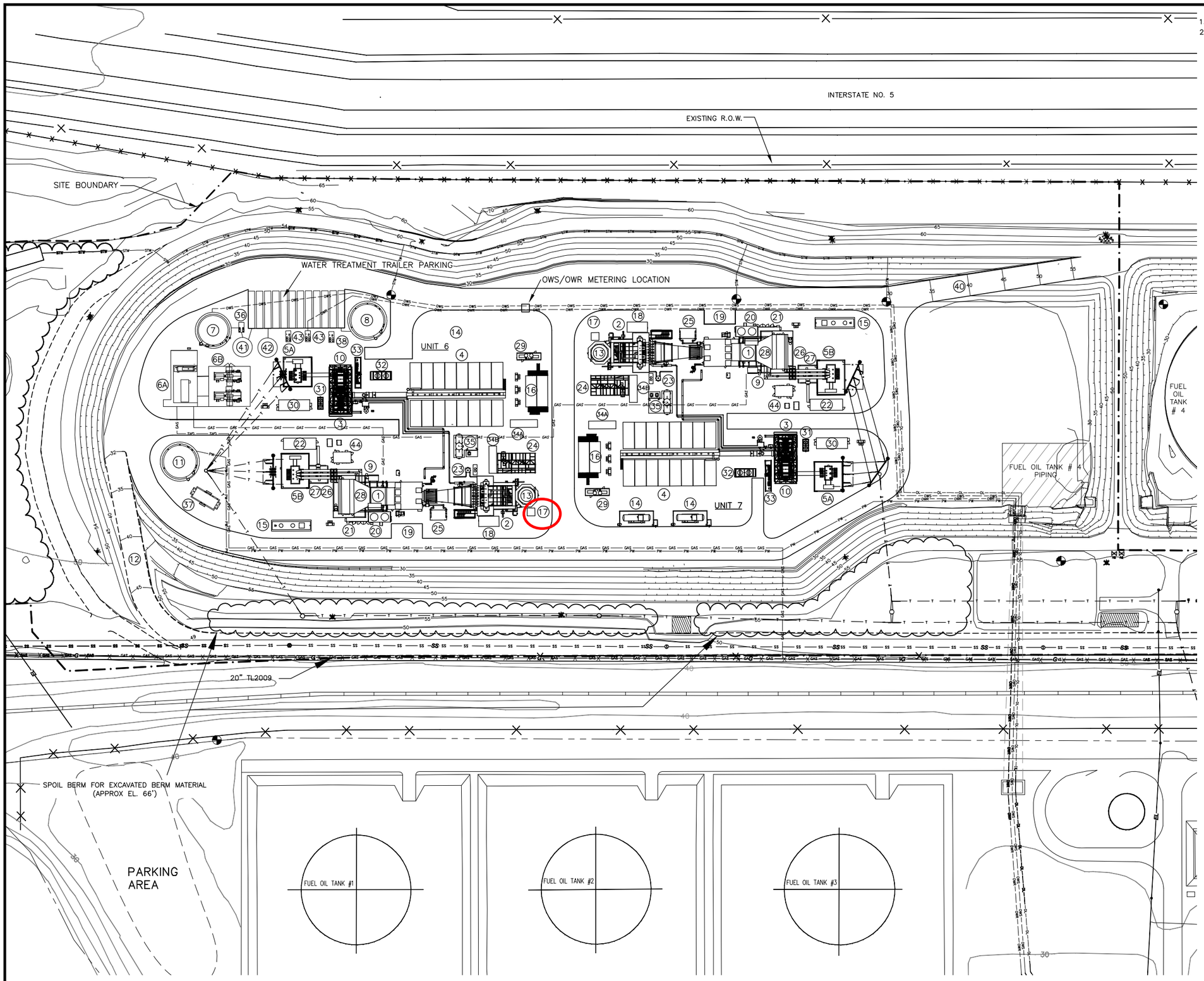

NOTES

1. REDRAWN FROM SIEMENS GC75050102 AND GC75060102.
2. REFERENCE DRAWING 1009751000_0_M_PP_005 FOR OVERALL PLOT PLAN.

EQUIPMENT LIST

1 GAS TURBINE ENCLOSURE
2 HEAT RECOVERY STEAM GENERATOR (HRSG)
3 STEAM TURBINE
4 STEAM TURBINE AIR COOLER HEAT EXCHANGER
5A STEAM TURBINE GENERATOR TRANSFORMER
5B COMBUSTION TURBINE GENERATOR TRANSFORMER
6A FUEL GAS CONDITIONING/METERING
6B FUEL GAS COMPRESSORS ENCLOSURE
7 OCEAN WATER / RECLAIM WATER TANK
8 DEMINERALIZED WATER STORAGE TANK
9 GAS TURBINE GENERATOR
10 STEAM TURBINE GENERATOR
11 FIRE WATER TANK
12 HEAVY HAUL ACCESS ROAD
13 STACK
14 AMMONIA STORAGE/ UNLOADING
15 OIL/WATER SEPARATOR
16 BALANCE OF PLANT POWER CONTROL CENTER
17 CONTINUOUS EMISSIONS MONITORING SYSTEM
18 SELECTIVE CATALYTIC REDUCTION SKID
19 CRANE MAINTENANCE PAD
20 LUBE OIL COOLER
21 ELECTRICAL PACKAGE
22 MEDIUM VOLTAGE SWITCHGEAR
23 BOILER BLOWDOWN TANK
24 BOILER FEEDWATER PUMP
25 ROTOR AIR FIN FAN COOLER
26 GENERATOR CIRCUIT BREAKER
27 AUXILIARY TRANSFORMER
28 GAS TURBINE INLET FILTER
29 AIR COMPRESSOR
30 STEAM TURBINE POWER CONTROL CENTER
31 GLAND STEAM CONDENSER
32 STEAM TURBINE LUBE OIL COOLER
33 CONDENSATE POLISHING FIN FAN COOLER
34A CHEMICAL DOSING EQUIPMENT
34B SAMPLE PANEL
35 DEAERATOR/DRAIN TANKS/CONDENSATE PUMPS
36 OCEAN WATER FORWARDING PUMPS
37 FIRE WATER PUMPS ENCLOSURE
38 DEMINERALIZED WATER FORWARDING PUMPS
39 REVERSE OSMOSIS DRAIN
40 SECONDARY ACCESS ROAD
41 UF FILTRATE TANK
42 SERVICE WATER (MIX) TANK
43 WATER TREATMENT PUMPS
44 SEE/SFC PACKAGE TRANSFORMERS

UTILITY LIST

CONTROL ROOM DATA LINE
FUEL GAS
OCEAN WATER RETURN
OCEAN WATER SUPPLY
POTABLE WATER
STORMWATER
TRANSMISSION LINES
TRANSMISSION LINES UNDERGROUND
FIRE PROTECTION HYDRANT
EXISTING STORM WATER DRAIN PUMPS

23.280'

ELEVATIONS SHOWN ARE MEAN SEA LEVEL
DATUM U.S.G.S. EQUAL ZERO
DESIGN HIGHEST TIDE ELEVATIONS + 5.0'

60 30 0 30 60 120 180 240

APPROXIMATE SCALE 1"=60'

Source: Shaw Stone & Webster, Inc.

FIGURE 3
CECP SITE PLAN
CARLSBAD ENERGY CENTER PROJECT
CARLSBAD, CALIFORNIA

CH2MHILL

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