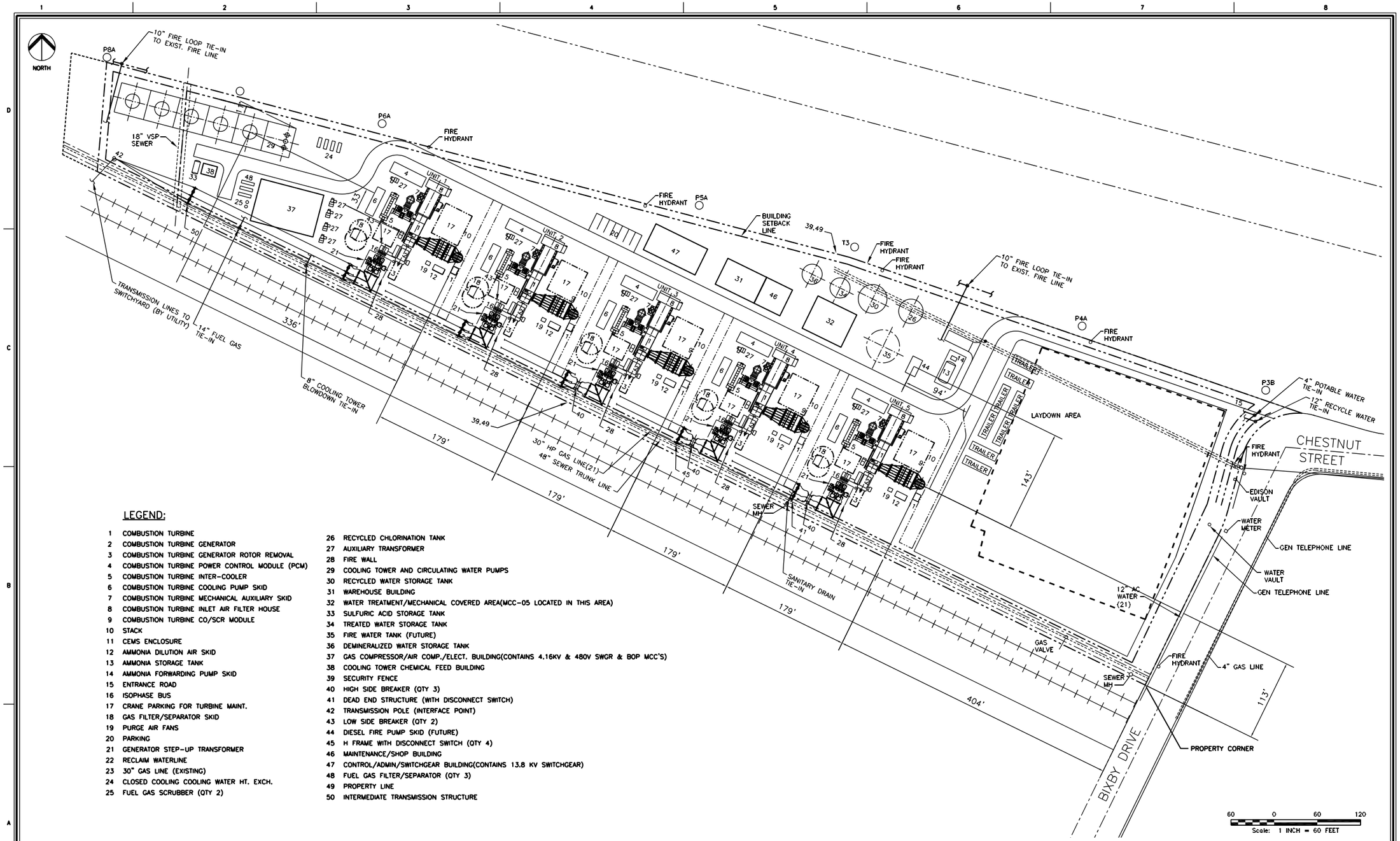

LEGEND:

1 COMBUSTION TURBINE
2 COMBUSTION TURBINE GENERATOR
3 COMBUSTION TURBINE GENERATOR ROTOR REMOVAL
4 COMBUSTION TURBINE POWER CONTROL MODULE (PCM)
5 COMBUSTION TURBINE INTER-COOLER
6 COMBUSTION TURBINE COOLING PUMP SKID
7 COMBUSTION TURBINE MECHANICAL AUXILIARY SKID
8 COMBUSTION TURBINE INLET AIR FILTER HOUSE
9 COMBUSTION TURBINE CO/SCR MODULE
10 STACK
11 CEMS ENCLOSURE
12 AMMONIA DILUTION AIR SKID
13 AMMONIA STORAGE TANK
14 AMMONIA FORWARDING PUMP SKID
15 ENTRANCE ROAD
16 ISOPHASE BUS
17 CRANE PARKING FOR TURBINE MAINT.
18 GAS FILTER/SEPARATOR SKID
19 PURGE AIR FANS
20 PARKING
21 GENERATOR STEP-UP TRANSFORMER
22 RECLAIM WATERLINE
23 30" GAS LINE (EXISTING)
24 CLOSED COOLING COOLING WATER HT. EXCH.
25 FUEL GAS SCRUBBER (QTY 2)
26 RECYCLED CHLORINATION TANK
27 AUXILIARY TRANSFORMER
28 FIRE WALL
29 COOLING TOWER AND CIRCULATING WATER PUMPS
30 RECYCLED WATER STORAGE TANK
31 WAREHOUSE BUILDING
32 WATER TREATMENT/MECHANICAL COVERED AREA(MCC-05 LOCATED IN THIS AREA)
33 SULFURIC ACID STORAGE TANK
34 TREATED WATER STORAGE TANK
35 FIRE WATER TANK (FUTURE)
36 DEMINERALIZED WATER STORAGE TANK
37 GAS COMPRESSOR/AIR COMP./ELECT. BUILDING(CONTAINS 4.16KV & 480V SWGR & BOP MCC'S)
38 COOLING TOWER CHEMICAL FEED BUILDING
39 SECURITY FENCE
40 HIGH SIDE BREAKER (QTY 3)
41 DEAD END STRUCTURE (WITH DISCONNECT SWITCH)
42 TRANSMISSION POLE (INTERFACE POINT)
43 LOW SIDE BREAKER (QTY 2)
44 DIESEL FIRE PUMP SKID (FUTURE)
45 H FRAME WITH DISCONNECT SWITCH (QTY 4)
46 MAINTENANCE/SHOP BUILDING
47 CONTROL/ADMIN/SWITCHGEAR BUILDING(CONTAINS 13.8 KV SWITCHGEAR)
48 FUEL GAS FILTER/SEPARATOR (QTY 3)
49 PROPERTY LINE
50 INTERMEDIATE TRANSMISSION STRUCTURE

NO	DATE	REVISION	BY	CK.	APPR.
D	03-OCT-2005	FOR INFORMATION	JWC		
C	01-SEP-2005	FOR INFORMATION	JWC		
B	05-AUG-2005	FOR INFORMATION	JWC		
A	25-JUL-2005	FOR COMMENT	JWC		

DESIGNED BY J. CRAWFORD
CHECKED BY
APPR. BY
CLIENT APPR.

CH2MHILL
Lockwood Greene
Atlanta, Georgia

SHEET TITLE
WALNUT ARRANGEMENT
500MW-(5) LMS100'S
SIMPLE CYCLE

JOB NAME
EDISON MISSION ENERGY

FIGURE 2.1-1
SITE PLAN
WALNUT CREEK ENERGY PARK
CITY OF INDUSTRY, CALIFORNIA

CH2MHILL

E092005017SAC_Walnut_Creek_AFC wc_figure_2_1_1.ai 11-01-2005 dash