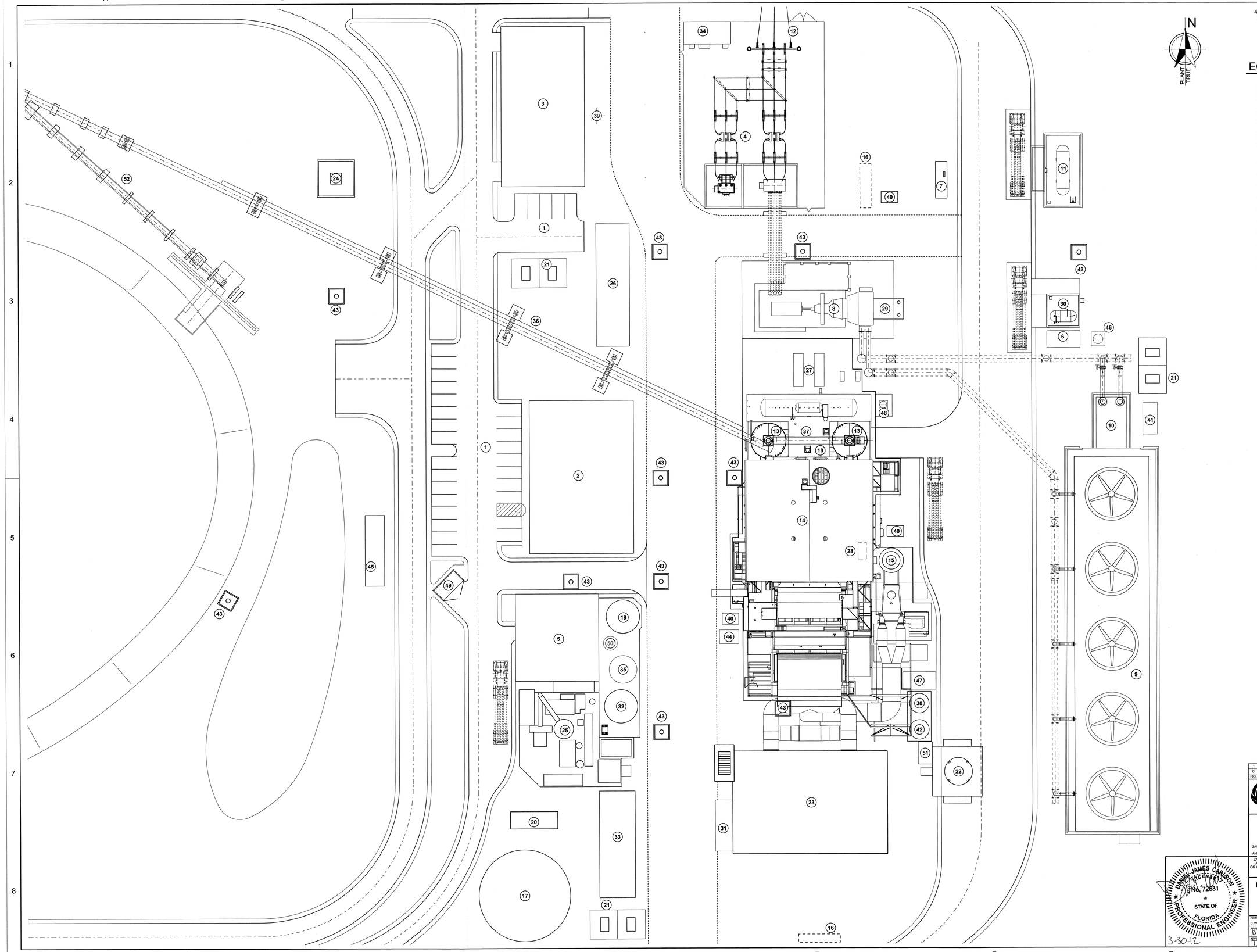

40 0 20 40 60

SCALE
IN FEET

EQUIPMENT LEGEND

1. PARKING
2. ADMINISTRATION / CONTROL BUILDING
3. WAREHOUSE / MAINTENANCE
4. SWITCHYARD
5. WATER TREATMENT
6. COOLING TOWER CHEMICAL TREATMENT
7. DIESEL GENERATOR ENCLOSURE
8. STEAM TURBINE/GENERATOR
9. COOLING TOWER
10. CIRCULATING WATER PUMPS
11. AQUEOUS AMMONIA UNLOADING AND STORAGE
12. ELECTRICAL TRANSMISSION LINES
13. FUEL METERING BINS
14. BOILER
15. STACK
16. OIL WATER SEPARATORS
17. RAW WATER / FIREWATER TANK
18. SAND SILO
19. DEMINERALIZED WATER TANK
20. FIRE PUMP ENCLOSURE
21. 4160/480V TRANSFORMER
22. FLY ASH SILO
23. BAGHOUSE
24. ALTERNATE SOURCE TRANSFORMER
25. ZERO LIQUID DISCHARGE SYSTEM (ZDS)
26. NORTH POWER DISTRIBUTION CENTER (PDC)
27. BOILER FEED PUMPS
28. CONTINUOUS EMISSIONS MONITORING SYSTEM(CEMS)
29. CONDENSATE PUMPS
30. SULFURIC ACID TANK
31. AIR COMPRESSOR SKID
32. WASTE WATER TANK
33. SOUTH POWER DISTRIBUTION CENTER (PDC)
34. SUBSTATION CONTROL ENCLOSURE
35. WELL WATER STORAGE TANK
36. CONVEYOR #9
37. CONVEYOR #10
38. SODIUM BICARBONATE STORAGE AND HANDLING
39. POTABLE WATER WELL
40. DELUGE ENCLOSURES
41. COOLING TOWER ELECTRICAL ENCLOSURE
42. ACTIVATED CARBON STORAGE AND HANDLING
43. ELECTRICAL MANHOLES
44. SECONDARY AIR FAN VARIABLE FREQUENCY DRIVE (VFD) ENCLOSURE
45. BATTERY ENCLOSURE
46. DISPERSANT STORAGE TANK
47. SODIUM BLOWER ENCLOSURE
48. EXTERNAL DRAINS TANK
49. DUMPSTER
50. REVERSE OSMOSIS PERMEATE TANK
51. FLY ASH VACUUM BLOWERS
52. CONVEYOR #8

NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD
1	GENERAL UPDATES	3-30-12	TM	TRP	MLP	DJC
0	ISSUED FOR CONSTRUCTION					

Gainesville Renewable Energy Center
An American Renewables Company

ZACHRY

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LICENSED
No. 72631
STATE OF FLORIDA
PROFESSIONAL ENGINEER
3-30-12

GAINESVILLE RENEWABLE ENERGY CENTER
SITE RELATED WORK
POWERBLOCK GENERAL ARRANGEMENT PLAN

DRAWN	DESIGNED	CHECKED	CHECKED
D. WOLF	D. CARLSON	P. OMELIANCHUK	T. PFLUEGER

APPROVED DM: D Bissen
APPROVED PM: T. SCHAPPA

DRAWING NUMBER: D014200-SRWL11003 | SHEET 01 | REV 1

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