



LEGEND

1. STEAM TURBINE
2. LUBE OIL MODULE (ST/CT & GENERATOR)
3. GAS TURBINE
4. CEMS
5. HEAT RECOVERY STEAM GENERATOR
6. HRSG LP ECONOMIZER RECIRC PUMPS
7. HRSG BLOW DOWN SUMP
8. STEP UP TRANSFORMER
9. AQUEOUS AMMONIA STORAGE/UNLOADING AREA
10. HRSG DUCT BURNER/AUX BOILER PRV SKID
11. FUEL GAS PERFORMANCE HEATER
12. SURFACE CONDENSER
13. COOLING TOWER
14. CIRCULATING WATER PUMPS
15. CLOSED COOLING WATER (CCW) HEAT EXCHANGER/PUMPS/EXPANSION TANK
16. AUX BOILER
17. AUX BOILER BLOW DOWN SUMP
18. WASH WATER SKID
19. CT WATER WASH DRAINS TANK (BURIED)
20. AUX TRANSFORMER
21. GENERATOR LINE ACCESSORY COMPARTMENT
22. GENERATOR NEUTRAL ACCESSORY COMPARTMENT
23. INLET AIR FILTER/EVAPORATIVE COOLER
24. STAND-BY DIESEL GENERATOR
25. PACKAGED ELECTRONIC/ELECTRICAL CONTROL COMPARTMENT (PEECC)
26. FEEDWATER PUMPS
27. COMBINATION FIRE PROTECTION WATER/SERVICE WATER STORAGE TANK
28. FIRE PUMP SKID/SERVICE WATER PUMPS
29. N/A
30. CONDENSATE PUMPS
31. HRSG BLOW DOWN TANK
32. CONDENSATE DRAINS/FLASH TANK
33. AIR COMPRESSORS, DRYERS AND RECEIVERS
34. VACUUM PUMPS
35. CYCLE CHEM FEED SKIDS
36. OLAND STEAM CONDENSER
37. CO2 STORAGE
38. CT FIRE PROTECTION SKID
39. EQUIPMENT REMOVAL AREA
40. OIL/WATER SEPARATOR TANK (BURIED)
41. FUEL GAS ABSOLUTE FILTER
42. SCANNER COOLING AIR SKID
43. DUCT BURNER GAS CONTROL SKID
44. AMMONIA EVAPORATION SKID
45. COOLING TOWER PDC
46. MAIN POWER DISTRIBUTION CENTER (PDC)
47. ADMIN/CONTROL/WAREHOUSE BUILDING
48. RO REJECT TANK
49. CONDENSATE STORAGE TANK
50. WATER TREATMENT BUILDING
51. HRSG PDC
52. HYDROGEN TRAILER
53. AUXILIARY COOLING WATER PUMPS
54. GENERATOR
55. FILTER PRESS BUILDING
56. BRINE CONCENTRATOR AREA WITH ELECTRIC BOILER
57. CLARIFIERS
58. WASTEWATER TANK
59. DEMINERALIZED WATER STORAGE TANK
60. PIPE RACK
61. SPACE ALLOCATED FOR HP/TP/LP BYPASS PIPING
62. FUEL GAS HEATER SKID
63. LCI EX COMPARTMENT
64. ISOLATION TRANSFORMER
65. EXCITATION TRANSFORMER
66. 6.9KV/48KV TRANSFORMERS
67. CRYSTALLIZER AREA
68. COVERED AREA TRUCKS

NOTES

1. AREA TO BE RESERVED FOR FUTURE USE (NOT TO BE DEVELOPED)

NOTES:
 REV. 1 – FIGURE REVISED TO REFLECT CHANGES IN THE SITE LAYOUT
 FUTURE SHCCF LANDSCAPE PLAN WILL ADDRESS SITE LANDSCAPING

CLIENT
 SHADY HILLS ENERGY CENTER, LLC

PROJECT
 SHADY HILLS COMBINED CYCLE FACILITY (SHCCF)

CONSULTANT
 Goldner Associates

YYYY-MM-DD	2018-06-22
PREPARED	NRL
DESIGN	NRL
REVIEW	RAZ
APPROVED	MM

TITLE
 CONCEPTUAL
 SITE PLAN

PROJECT No.	CONTROL	Rev.	FIGURE
1779520	H021	1	4.2-1