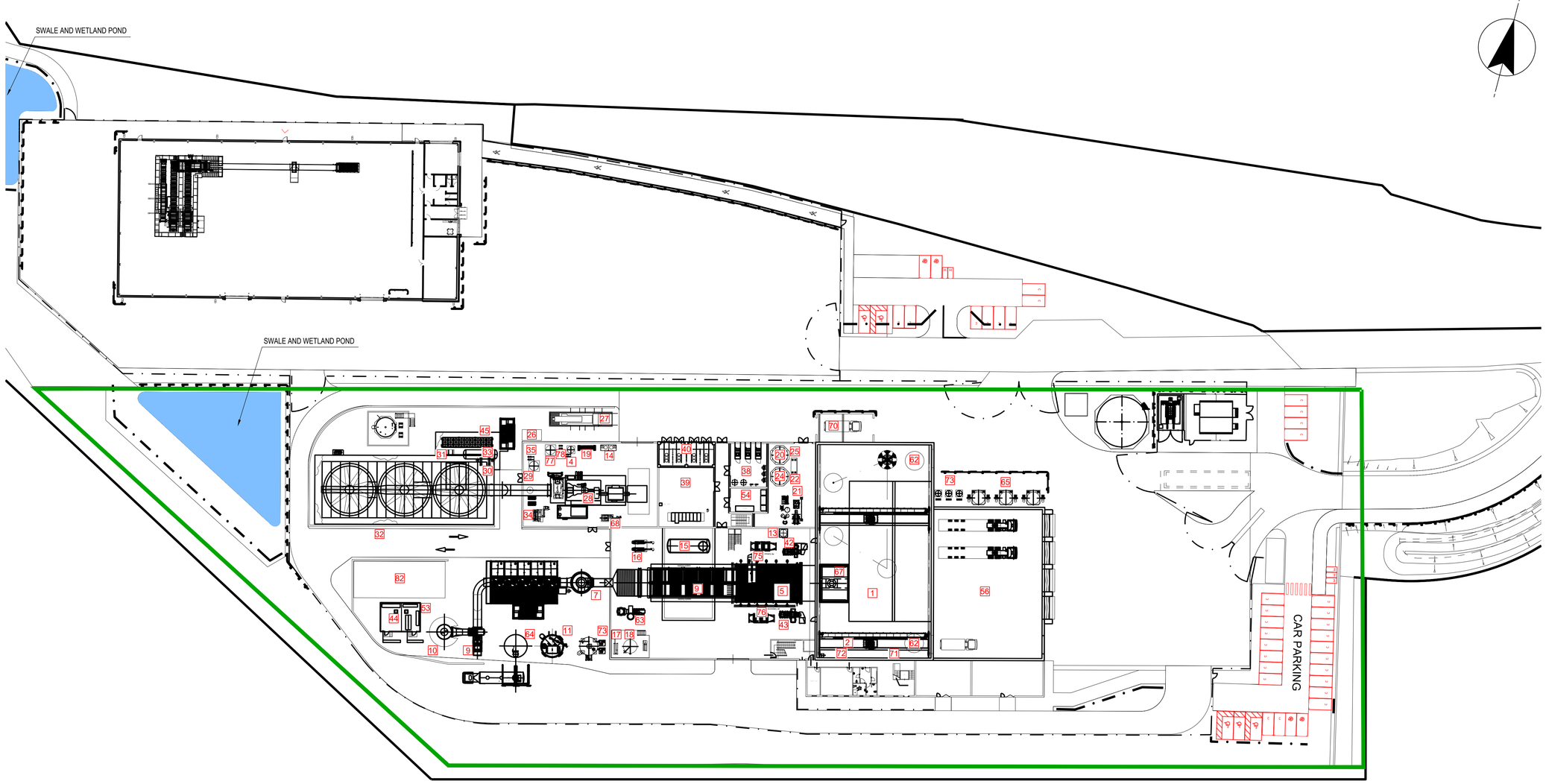

NOTES

1. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES UNLESS SHOWN OTHERWISE.

LEGEND

INSTALLATION BOUNDARY

SCALE 1 : 500

m10 0 40m

CURRENT VERSION INFORMATION

DATE	DRWN	CHKD	REVD	VER	REASON FOR ISSUE
31.10.23	WKA	CAB	PBD	P01	FINAL ISSUE

LEGEND:-

1 RDF PIT
2 RDF OVERHEAD CRANE
3 STEP-UP TRANSFORMER
4 STEAM TURBINE DRAIN TANK
5 COMBUSTION SECTION
6 BOILER
7 REACTOR
8 BAGS FILTER
9 FLUE GAS EXTRACTION FAN
10 STACK
11 LIME DOSING SYSTEM
12 -
13 ATMOSPHERIC BLOW-DOWN
14 CHEMICALS DOSING STATION FOR BOILER AND WATER CYCLE
15 DEAERATOR
16 BOILER FEED WATER PUMPS
17 UREA PUMPS TO DOSING
18 UREA STORAGE TANK
19 BOILER AND WATER CYCLE SAMPLING DESK
20 DEMI WATER STORAGE TANK
21 DEMI WATER PLANT
22 RAW WATER PUMPS
23 33 kW SUBSTATION
24 RAW WATER STORAGE TANK
25 DEMI WATER PUMPS
26 DIESEL TANK FOR DIESEL GENERATOR
27 EMERGENCY DIESEL GENERATOR
28 STEAM TURBINE
29 CLEAN DRAIN TANK
30 HOT WELL EXTRACTION PUMPS
31 DRY COOLER CIRCULATION PUMPS
32 AIR COOLED CONDENSER
33 HOTWELL
34 GRAND STEAM CONDENSER
35 PROCESS CLEAN DRAIN PUMPS
36 IBA AND BOILER FLY ASH COLLECTION BASIN
37 OFFICE
38 COMPRESSED AIR STATION
39 MV ROOM
40 AUXILIARY TRANSFORMER ROOM
41 DCS ROOM
42 PRIMARY AIR FAN
43 SECONDARY AIR FAN
44 CEMS CABIN
45 DRY COOLER SYSTEM
46 MEETING ROOM
47 KITCHENETTE
48 RECEPTION
49 F. WC
50 M. WC
51 LOCKER ROOM
52 FUEL SAMPLING AND STORAGE ROOM
53 LV ROOM
54 BATTERY ROOM
55 CONTROL ROOM
56 FUEL RECEPTION HALL
57 FIRE WATER TANK
58 WEIGHBRIDGE
59 FIRE PUMPS ENCLOSURE
60 ST MAINTENANCE OVERHEAD CRANE
61 SPARE PARTS STORAGE AND WAREHOUSE
62 RDF GRAB MAINTENANCE AREA
63 FGR FAN
64 FLY ASH FROM FGT SILO
65 FRH AUXILIARY VENTILATION SYSTEM
66 TRANSIT QUARANTINE AREA
67 BOILER FEEDING HOPPER
68 DRAIN PUMPS
69 IBA ROOM OVERHEAD CRANE
70 IBA GRAB MAAINTENANCE AREA
71 FUEL DELIVERY SAMPLING AREA
72 QUARANTINE SKIPS (FUEL OUT OF SPEC.)
73 ACTIVATED CARBON DOSING SYSTEM
74 WEIGHBRIDGE OFFICE
75 PASP (PRIMARY AIR STEAM PRE-HEATER)
76 SASP (SECONDARY AIR WATER PRE-HEATER)
77 ASP CONDENSATE TANK
78 ASP CONDENSATE PUMPS
79 HVAC UNIT
80 OPERATIONS STAFF PARKING AREA
81 VISITORS PARKING AREA

R & P CLEAN POWER LTD
SWADLINCOTE ENERGY RECOVERY FACILITY

FIGURE 2 GENERAL SITE LAYOUT

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