



LEGEND

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

1 ERF Building Layout
1 : 200

ERF GEA Schedule		
Name	Area (m²)	Area (ft²)
ERF Facility GEA	4,823.62 m²	51,920.99 ft²
Offices GEA	1,299.67 m²	13,989.51 ft²
Total:	6,123.29 m²	65,910.50 ft²

SGP

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Swordlincote Resource Recovery Park
ERF Proposal

Drawing Name:
ERF Building Layout

Drawing Stage: **Planning**

Status: **56**

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