



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 kW 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 PUMPS |
| 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

SCALE 1:200
1m 10m 20m



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Swordfricate Resource Recovery Park
ERF Proposal

Drawing Name:
ERF Building Layout

Drawing Stage: **Planning**

Status: **S0**

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