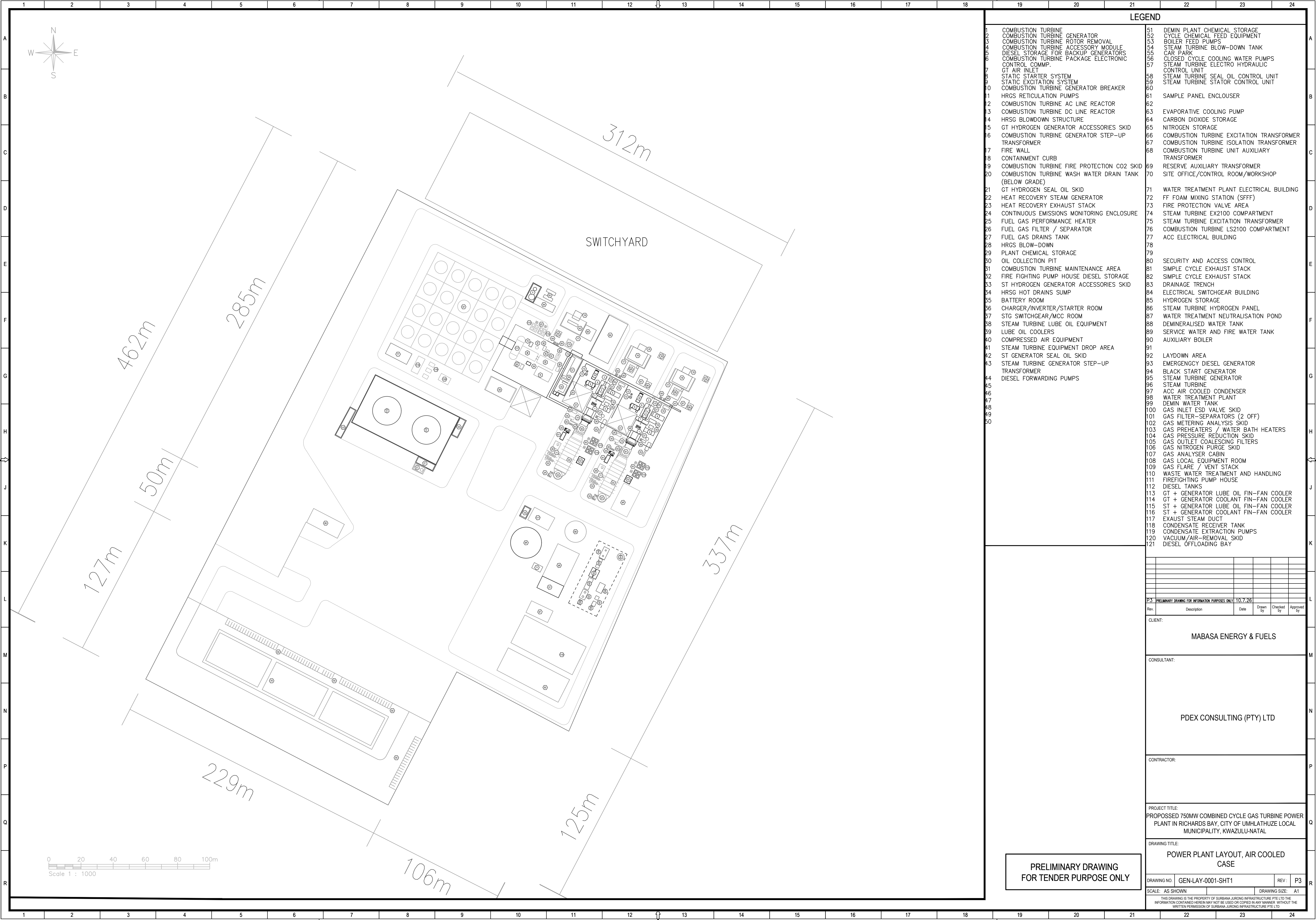


APPENDIX A

MAPS & TECHNICAL DRAWINGS



LEGEND					
1	COMBUSTION TURBINE	51	DEMIN PLANT CHEMICAL STORAGE		
2	COMBUSTION TURBINE GENERATOR	52	CYCLE CHEMICAL FEED EQUIPMENT		
3	COMBUSTION TURBINE ROTOR REMOVAL	53	BOILER FEED PUMPS		
4	COMBUSTION TURBINE ACCESSORY MODULE	54	STEAM TURBINE BLOW-DOWN TANK		
5	DIESEL STORAGE FOR BACKUP GENERATORS	55	CAR PARK		
6	COMBUSTION TURBINE PACKAGE ELECTRONIC CONTROL COMMP.	56	CLOSED CYCLE COOLING WATER PUMPS		
7	GT AIR INLET	57	STEAM TURBINE ELECTRO HYDRAULIC CONTROL UNIT		
8	STATIC STARTER SYSTEM	58	STEAM TURBINE SEAL OIL CONTROL UNIT		
9	STATIC EXCITATION SYSTEM	59	STEAM TURBINE STATOR CONTROL UNIT		
10	COMBUSTION TURBINE GENERATOR BREAKER	60			
11	HRGS RETICULATION PUMPS	61	SAMPLE PANEL ENCLOUSER		
12	COMBUSTION TURBINE AC LINE REACTOR	62			
13	COMBUSTION TURBINE DC LINE REACTOR	63	EVAPORATIVE COOLING PUMP		
14	HRSG BLOWDOWN STRUCTURE	64	CARBON DIOXIDE STORAGE		
15	GT HYDROGEN GENERATOR ACCESSORIES SKID	65	NITROGEN STORAGE		
16	COMBUSTION TURBINE GENERATOR STEP-UP TRANSFORMER	66	COMBUSTION TURBINE EXCITATION TRANSFORMER		
17	FIRE WALL	67	COMBUSTION TURBINE ISOLATION TRANSFORMER		
18	CONTAINMENT CURB	68	COMBUSTION TURBINE UNIT AUXILIARY TRANSFORMER		
19	COMBUSTION TURBINE FIRE PROTECTION CO2 SKID	69	RESERVE AUXILIARY TRANSFORMER		
20	COMBUSTION TURBINE WASH WATER DRAIN TANK (BELOW GRADE)	70	SITE OFFICE/CONTROL ROOM/WORKSHOP		
21	GT HYDROGEN SEAL OIL SKID	71	WATER TREATMENT PLANT ELECTRICAL BUILDING		
22	HEAT RECOVERY STEAM GENERATOR	72	FF FOAM MIXING STATION (SFFF)		
23	HEAT RECOVERY EXHAUST STACK	73	FIRE PROTECTION VALVE AREA		
24	CONTINUOUS EMISSIONS MONITORING ENCLOSURE	74	STEAM TURBINE EX2100 COMPARTMENT		
25	FUEL GAS PERFORMANCE HEATER	75	STEAM TURBINE EXCITATION TRANSFORMER		
26	FUEL GAS FILTER / SEPARATOR	76	COMBUSTION TURBINE LS2100 COMPARTMENT		
27	FUEL GAS DRAINS TANK	77	ACC ELECTRICAL BUILDING		
28	HRGS BLOW-DOWN	78			
29	PLANT CHEMICAL STORAGE	79			
30	OIL COLLECTION PIT	80	SECURITY AND ACCESS CONTROL		
31	COMBUSTION TURBINE MAINTENANCE AREA	81	SIMPLE CYCLE EXHAUST STACK		
32	FIRE FIGHTING PUMP HOUSE DIESEL STORAGE	82	SIMPLE CYCLE EXHAUST STACK		
33	ST HYDROGEN GENERATOR ACCESSORIES SKID	83	DRAINAGE TRENCH		
34	HRSG HOT DRAINS SUMP	84	ELECTRICAL SWITCHGEAR BUILDING		
35	BATTERY ROOM	85	HYDROGEN STORAGE		
36	CHARGER/INVERTER/STARTER ROOM	86	STEAM TURBINE HYDROGEN PANEL		
37	STG SWITCHGEAR/MCC ROOM	87	WATER TREATMENT NEUTRALISATION POND		
38	STEAM TURBINE LUBE OIL EQUIPMENT	88	DEMINERALISED WATER TANK		
39	LUBE OIL COOLERS	89	SERVICE WATER AND FIRE WATER TANK		
40	COMPRESSED AIR EQUIPMENT	90	AUXILIARY BOILER		
41	STEAM TURBINE EQUIPMENT DROP AREA	91			
42	ST GENERATOR SEAL OIL SKID	92	LAYDOWN AREA		
43	STEAM TURBINE GENERATOR STEP-UP TRANSFORMER	93	EMERGENCY DIESEL GENERATOR		
44	DIESEL FORWARDING PUMPS	94	BLACK START GENERATOR		
45		95	STEAM TURBINE GENERATOR		
46		96	STEAM TURBINE		
47		97	ACC AIR COOLED CONDENSER		
48		98	WATER TREATMENT PLANT		
49		99	DEMIN WATER TANK		
50		100	GAS INLET ESD VALVE SKID		
		101	GAS FILTER-SEPARATORS (2 OFF)		
		102	GAS METERING ANALYSIS SKID		
		103	GAS PREHEATERS / WATER BATH HEATERS		
		104	GAS PRESSURE REDUCTION SKID		
		105	GAS OUTLET COALESCING FILTERS		
		106	GAS NITROGEN PURGE SKID		
		107	GAS ANALYSER CABIN		
		108	GAS LOCAL EQUIPMENT ROOM		
		109	GAS FLARE / VENT STACK		
		110	WASTE WATER TREATMENT AND HANDLING		
		111	FIREFIGHTING PUMP HOUSE		
		112	DIESEL TANKS		
		113	GT + GENERATOR LUBE OIL FIN-FAN COOLER		
		114	GT + GENERATOR COOLANT FIN-FAN COOLER		
		115	ST + GENERATOR LUBE OIL FIN-FAN COOLER		
		116	ST + GENERATOR COOLANT FIN-FAN COOLER		
		117	EXHAUST STEAM DUCT		
		118	CONDENSATE RECEIVER TANK		
		119	CONDENSATE EXTRACTION PUMPS		
		120	VACUUM/AIR-REMOVAL SKID		
		121	DIESEL OFFLOADING BAY		

750MW Combined Cycle Gas Turbine Power Plant in Richards Bay

LAYOUT

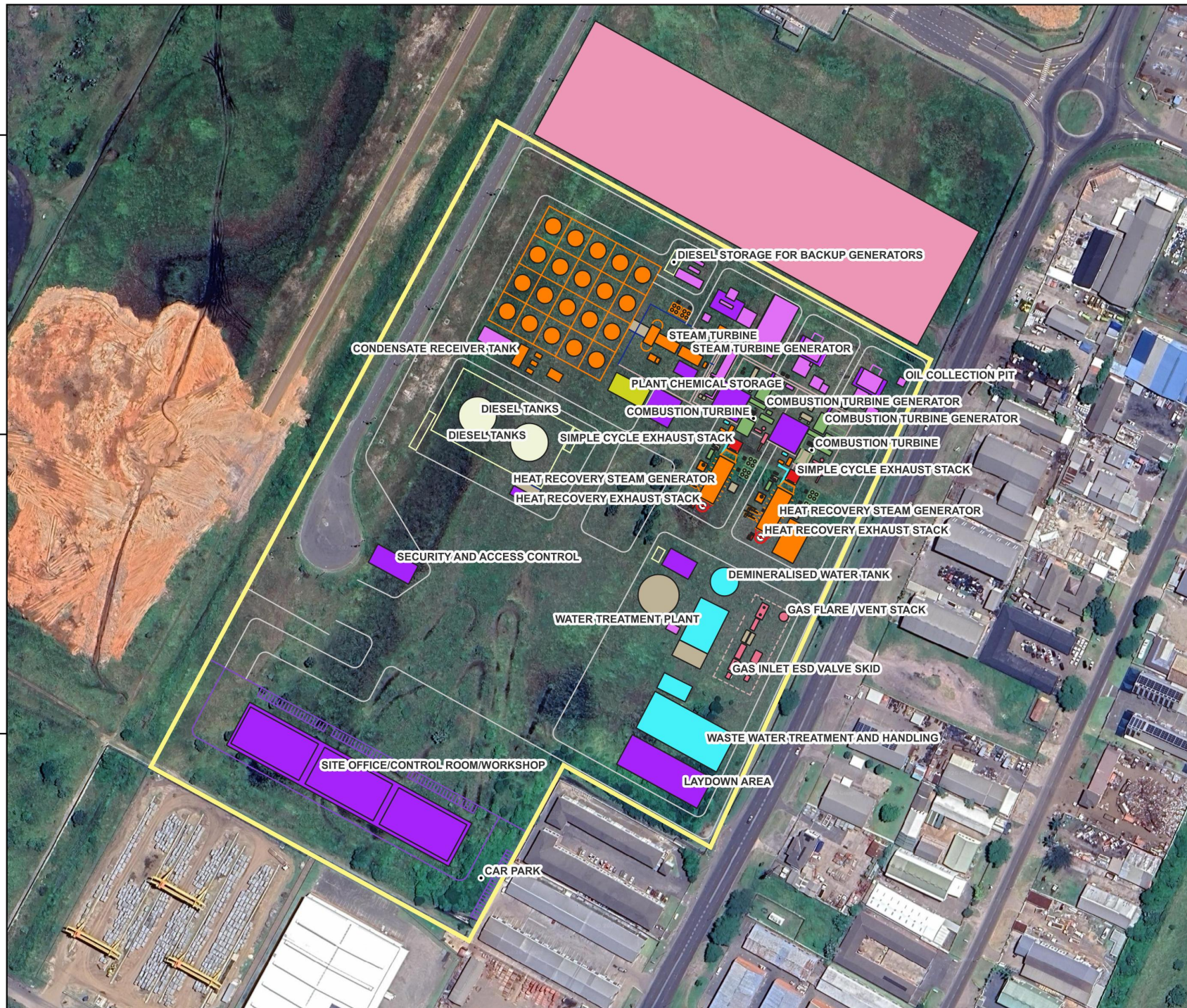
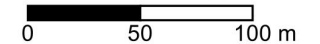
Legend

LAYOUT

- External Border
- Roads
- Switchyard
- Hazardous Materials
- Gas Turbines**
 - Gas Turbines polygon
 - Gas Turbines line
- HRSG & Steam Systems**
 - HRSG & Steam Systems polygon
 - HRSG & Steam Systems line
- Stacks**
 - Stacks polygon
 - Stacks line
- Gas System**
 - Gas System polygon
 - Gas System line
- Water System**
 - Water System polygon
 - Water System line
- Electrical System**
 - Electrical System polygon
 - Electrical System line
- General Infrastructure**
 - General Infrastructure polygon
 - General Infrastructure line
- Diesel Storage**
 - Diesel Storage polygon
 - Diesel Storage line
 - Diesel Storage (bunds)
- Plant Item Outlines**
 - Plant Items polygon
 - Plant Items line



Scale: 1: 2 250



32°1'40"E

32°1'47"E

32°1'53"E

32°1'59"E

32°2'5"E

28°44'37"S

28°44'43"S

28°44'50"S