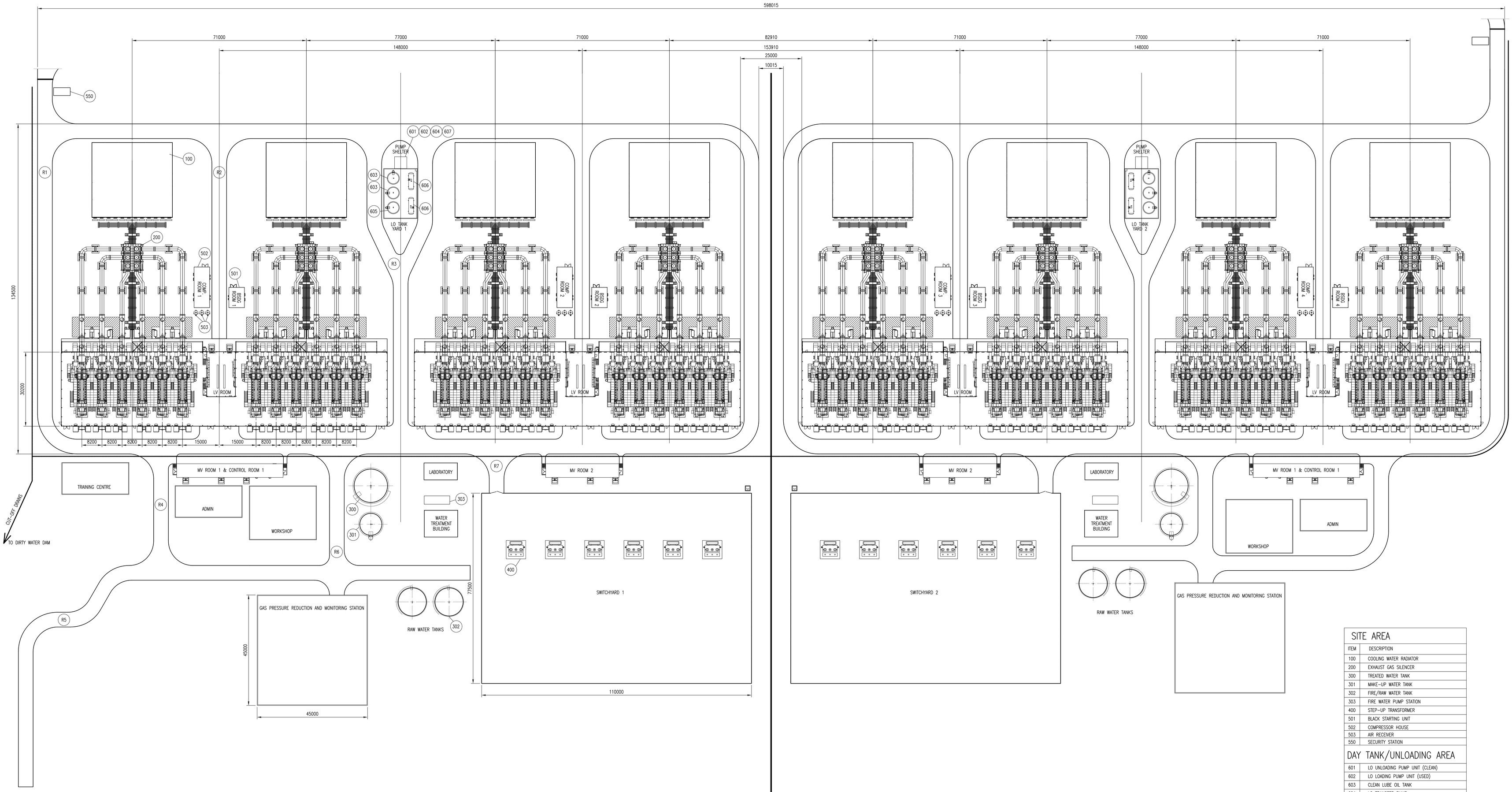

1GW POWER PLANT LAYOUT

1:550

SITE AREA

ITEM	DESCRIPTION
100	COOLING WATER RADIATOR
200	EXHAUST GAS SILENCER
300	TREATED WATER TANK
301	MAKE-UP WATER TANK
302	FIRE/RAW WATER TANK
303	FIRE WATER PUMP STATION
400	STEP-UP TRANSFORMER
501	BLACK STARTING UNIT
502	COMPRESSOR HOUSE
503	AIR RECEIVER
550	SECURITY STATION

DAY TANK/UNLOADING AREA

601	LO UNLOADING PUMP UNIT (CLEAN)
602	LO LOADING PUMP UNIT (USED)
603	CLEAN LUBE OIL TANK
604	LO TRANSFER PUMP
605	USED/SERVICE LUBE OIL TANK
606	SLUDGE TANK
607	SLUDGE TRANSFER PUMP UNIT

ROADS (6m ROAD WIDTH)

R1	RING ROAD 1
R2	POWER PLANT SERVICE ROAD
R3	SERVICE/BYPASS AND LO OFFLOADING
R4	ADMIN AND WORKSHOP SERVICE ROAD
R5	DIRTY WATER DAM/SEWAGE PLANT SERVICE ROAD
R6	GAS AND WATER PLANTS SERVICE ROAD
R7	SWITCHYARD ACCESS ROAD

DRAWING NO	DRAWING TITLE	DRAWING NO	DRAWING TITLE
REFERENCE DRAWINGS		REFERENCE DRAWINGS	

REV	DESCRIPTION	DATE	DRAWN	CHK'D	APP'D
2	LAYOUT REVISED	2024 05 13	DWJ	AP	AP
1	LAYOUT REVISED	2024 05 08	DWJ	AP	AP
0	ISSUED FOR USE	2024 03 26	DWJ	AP	AP
A	ISSUED FOR COMMENT	2024 02 27	DWJ	AP	AP

REVISIONS

CLIENT ACCEPTANCE		
–		–
–		–
–		–
NAME	SIGN	DATE

DISCIPLINE	NAME	DATE
DRAFTSMAN:	D.W.JONES	2024 02 27
CHECKER:	–	–
D.O. MANAGER:	–	–
PROCESS ENG:	–	–
MECH. ENG:	–	–
ELEC. ENG:	–	–
INSTR'MENT ENG:	–	–
STRUCT. ENG:	A.PATINI	2024 02 27
CIVIL ENG:	A.PATINI	2024 02 27
PROJECT ENG:	–	–

	DATE	SIGN
PROJ. MAN.		
ENG. MAN.		

KHANYAZWE FLEXPOWER

PROJECT No. KFP SITE

TITLE KHANYAZWE 1 GW POWER PLANT SITE LAYOUT

PROJECTION

DRAWING No.

REV 2

SCALE 1:550

CLIENT DRAWING No.

A0 (1189X841mm)