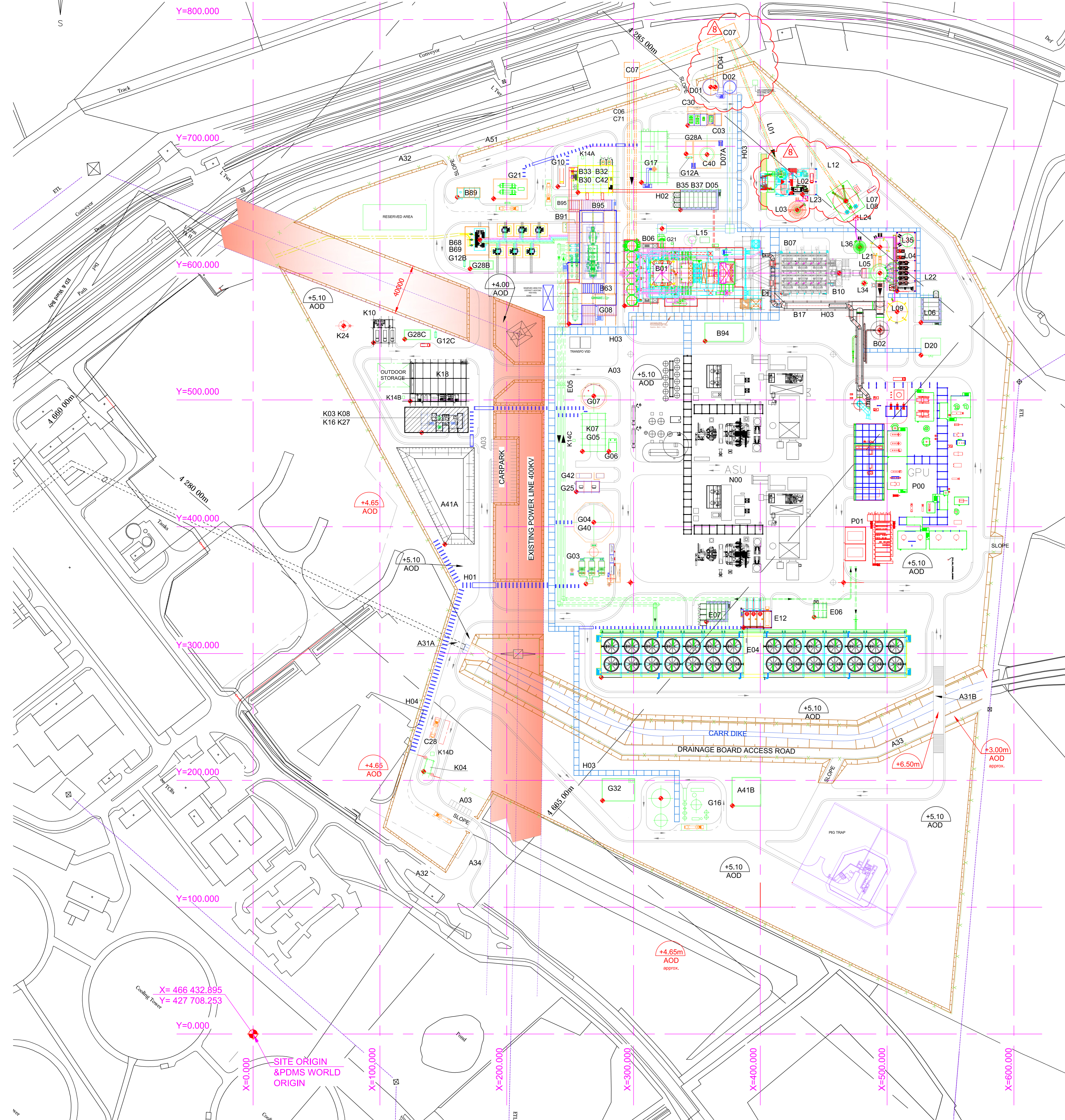
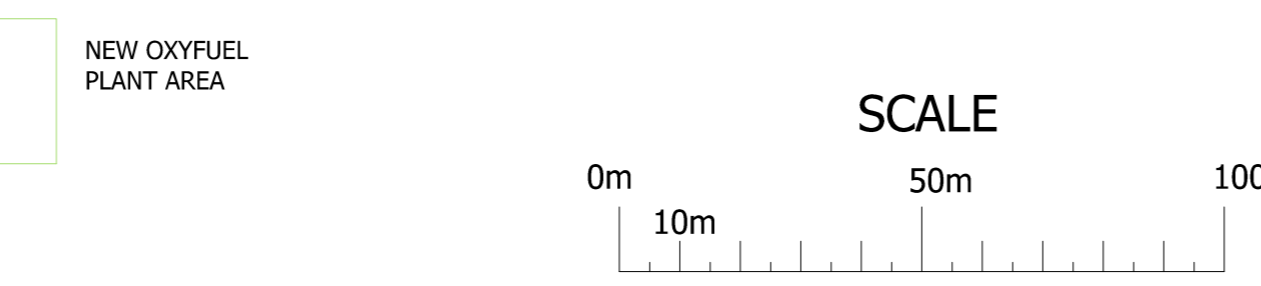


400KV POWER LINE CORRIDOR SUBJECT TO NATIONAL GRID ACCEPTANCE



A00	A00	GENERAL LAYOUT	G00	G00	UTILITIES
A03	UZA	ROADS AND PARKING AREAS	G03	UGK	RAW WATER PRETREATMENT
A31A	UZV05	BRIDGE (ACCESS ROAD OVER CARR DIKE)	G04	UGC	PRETREATED WATER STORAGE (Including G40) (5000m ³)
A31B	UZV10	BRIDGE MAIN ENTRANCE (PIG TRAP AREA)	G05	UGD	DEMINERALIZED WATER PRODUCTION (Including K07)
A32	UZA05	ACCESS ROAD EXTERNAL TO SITE	G06	UGE	DEMINERALIZATION EFFLUENTS NEUTRALIZATION
A33	UZA10	PUBLIC ACCESS ROAD OF THE CARR DIKE	G07	UGC10	DEMINERALIZED WATER STORAGE (1800m ³)
A34	UDN20	UPGRADING OF EXISTING ROADS	G08	UTF	COMPRESSED AIR PRODUCTION (Included in B63)
A41A	UGH10	RAIN WATER BUFFER BASIN (NORTH CARR DIKE)	G10	UJN	STAND-BY DIESEL GENERATOR CONTAINER MODULE
A41B	UGH20	RAIN WATER BUFFER BASIN (SOUTH CARR DIKE)	G12A	UGU10	OIL SEPARATOR PIT (FUEL TANK AREA) (100m ³)
A51	UZJ	BOUNDARY FENCE	G12B	UGU20	OIL SEPARATOR PIT (TRANSFORMER AREA) (200m ³)
B00	B00	POWER BLOCK	G12C	UGU30	OIL SEPARATOR PIT (WORKSHOP AREA) (250m ³)
B01	UHA	BOILER	G16	UGS05	INDUSTRIAL WASTE WATER TREATMENT
B02	UHN	STACK / CHIMNEY	G17	UTX05	AUXILIARY BOILER
B06	UHF	BUNKER BAY (Included in B01)	G25	UGD05	INDUSTRIAL WATER PUMP STATION (Including G42)
B07	UHQ	ELECTROSTATIC PRECIPITATORS	G28A	UGS10	OIL & FIRE FIGHTING WATER RECOVERY PIT - FUEL TANK AREA
B10	UHM11	INDUCED DRAFT FANS	G28B	UGS20	OIL & FIRE FIGHTING WATER RECOVERY PIT - TRANSFORMER AREA
B11	ULA10	BOILER FEEDWATER PUMPS AREA (Included in B63)	G28C	UGS30	OIL & FIRE FIGHTING WATER RECOVERY PIT - WORKSHOP AREA
B17	UHM	FLUE GAS DUCTS	G32	UGT	INDUSTRIAL WATER RECOVERY PIT (2000m ³)
			G40	UGF05	FIRE FIGHTING WATER STORAGE (Included in G04) (1400m ³)
			G42	UGF10	FIRE FIGHTING PUMPS STATION (Included in G25)
			H00	H00	NETWORKS
B37	UBA50	ESP ELECTRICAL CONTAINER MODULES (Included in B35)	H01	UXX05	MECHANICAL SYSTEMS NETWORK
B63	UMA	STEAM TURBINE HALL (B11-B90-B91-B95-G08)	H02	UBZ05	ELECTRICAL SYSTEMS NETWORK
B68	UBF	TRANSFORMER AREA	H03	UXY10	RACK (ELEVATED) FOR PIPE AND CABLES
B69	UBL	BUSBAR STEEL STRUCTURES	H04	UGA05	RAW WATER SUPPLY PIPES
B89	UMA20	STEAM TURBINE OUTDOOR AUXILIARIES			
B90	ULV	CHEMICAL INJECTION (Included in B63)	K00	K00	LOGISTIC BUILDINGS
B91	ULW	CHEMICAL SAMPLING	K03	UYA	ADMINISTRATION BUILDING (Including K16-K27-K08)
B92	UHT	FLUE GAS MONITORING (Included in B02)	K04	UYE	GATEHOUSE
B94	UHB15	AIR PREHEATERS WASHING BASIN (2000m ³)	K07	USV	LABORATORY (Included in G05)
B95	ULD	CONDENSATE POLISHING PLANT (Included in B63)	K08	UYB	WELFARE AND AMENITIES BUILDINGS (Included in K03)
B98	UHT05	BOILER ACID WASTE PIT	K10	UYP	FIRE BRIGADE STATION
			K13	UZC	MAINTENANCE AREA
			K14A	UGV10	SANITARY WATER PIT - COMMON ELECTRICAL BUILDING
			K14B	UGV20	SANITARY WATER PIT - ADMIN. W/SHOP, FIRE STATION
			K14C	UGV30	SANITARY WATER PIT - LABORATORY
			K14D	UGV40	SANITARY WATER PIT - GATE HOUSE
			K16	UYD	CANTEEN (Included in K03)
			K18	USS	WORKSHOP AND WAREHOUSE & OUTDOOR STORAGE
			K24	USX15	METEOROLOGICAL STATION
			K27	UYJ	HEALTH CENTER (FIRST AID) (Included in K03)
			L00	L00	FLUE GAS DESULFURATION AREA
			L01	UVE20	LIMESTONE CONVEYORS
			L02	UVE25	LIMESTONE STORAGE (SILOS) (FGD)
			L03	UVE30	LIMESTONE PREPARATION (FGD)
			L04	UVH05	PUMPS BUILDING (FGD) (Including L35)
			L05	UVC05	ABSORBER / REACTOR TOWER (FGD)
			L06	UBA25	FGD ELECTRICAL CONTAINER MODULES
			L07	UVF	GYP-SUM DEWATERING BUILDING (Included in L08)
			L08	UVH10	GYP-SUM STORAGE (Including L07)
			L09	UVI010	EMERGENCY SCRUBBER DUMP (AUXILIARY STORAGE TANK)
			L12	UVH15	GYP-SUM CONVEYOR (FGD)
			L15	UVE75	SO ₃ SORBENT SKID
			L21	UVE45	REACTION TANK (FGD)
			L22	UVE50	ABSORBER AREA SUMP (FGD)
			L23	UVE55	REAGENT PREPARATION AREA SUMP (FGD)
			L24	UVE	DEWATERING AREA SUMP (FGD)
			L31	UVL10	GAZ ANALYSER CONTAINER (FGD)
			L34	UV__	EMERGENCY WATER TANK (FGD)
			L35	UVK	PROCESS WATER TANK (FGD) (Included in L04)
			L36	UVK05	WASTE RECLAIM WATER TANK (FGD)
			N00	...	ASU
			P00	...	GPU
			P01	UBA70	GPU ELECTRICAL BUILDING

* NOT SHOWN IN THIS DRAWING

The White Rose CCS (Generating Station) Order
 Drawing Number 4.5 (Sheet 1)
 Indicative Generation Station Drawing

White Rose Project		
Document Nr	Revision	Use
CPL Document Number	CPL Document Revision	CPL Document Status
Contractor's Name		
ALSTOM POWER SYSTEMS S.A.		
WHITE ROSE Project Oxy Fired Coal & Biomass Power Plant		
Revision History		
Rev.	Date	Created by / Checked by / Approved by / Description
01	14.11.14	DG / JD / MS / Indicative Generation Station Drawing

Description	Ordnance Datum (m) Z	ALSTOM Reference system (m) Z
Turbine Hall ground slab	+5.15	+/-0.000
Final landscaping	+5.10	-0.050
Roads	+4.95	-0.200
ALSTOM Working platform	+5.00	-0.150

Participant
ALSTOM
 POWER SYSTEMS S.A.

Scale: 1:1250

Responsible dept. Created by: DG Checked by: JD Approved by: MS Form: A0

Originator: ALSTOM POWER SYSTEMS S.A. Document Type: INDICATIVE LAYOUT Document Status: Identification number: Date: 14 November 2014



Elevation AA Location



Administration Building
↓ +20m

Steam Turbine Hall
↓ +39m

Boiler House
↓ +72m

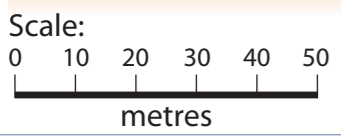
ASU Coldbox
↓ +49m

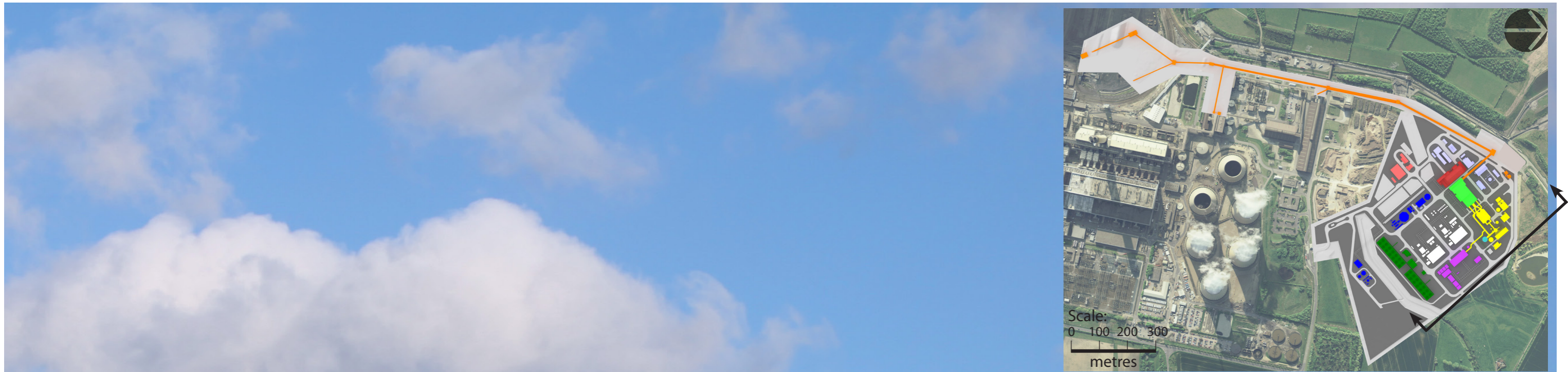
Chimney Stack
↓ +120m

Hybrid Cooling Towers
↓ +24.7m

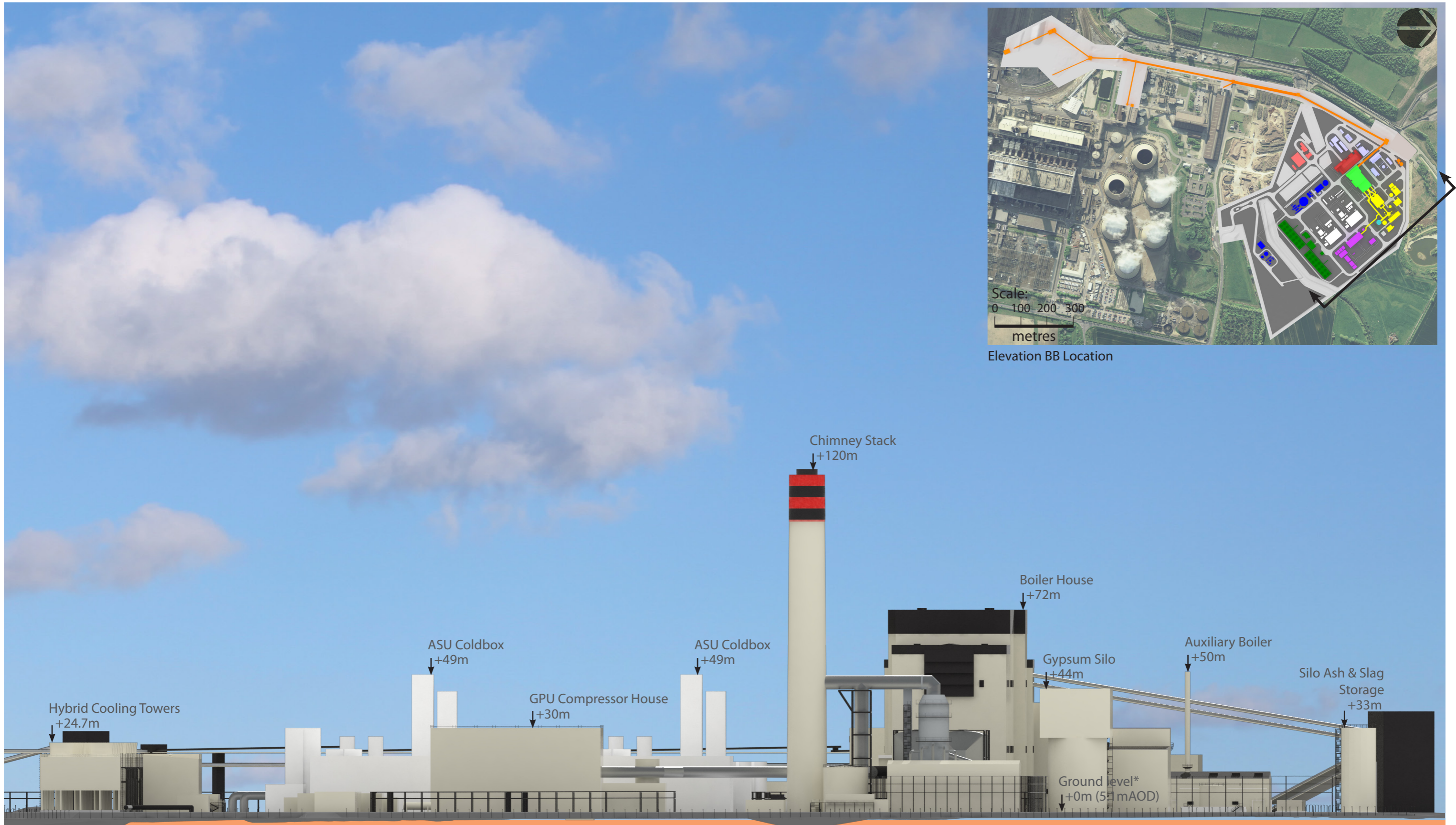
Ground level*
↓ +0m (5.1m AOD)

* Existing ground levels across the main site generally range between 2.5-4.5m AOD. The main development site will be land-raised to 5.1m AOD for flood alleviation purposes. The heights of structures given above are all measurements in metres above this raised development site level.

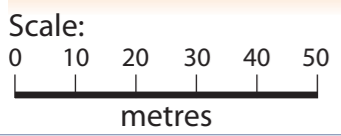




Elevation BB Location

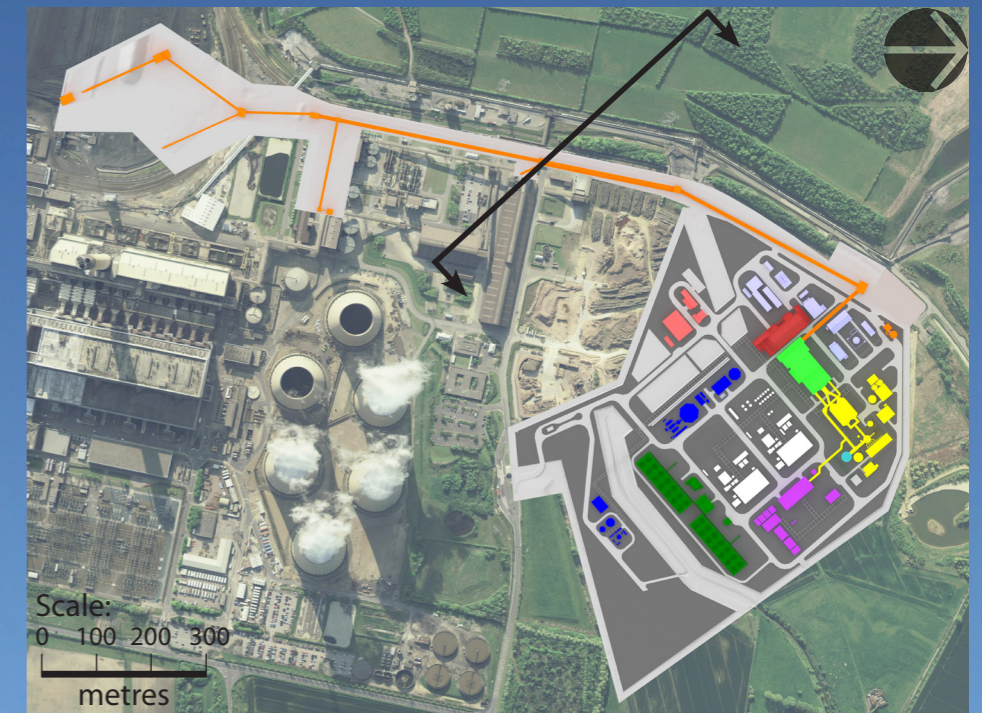


* Existing ground levels across the main site generally range between 2.5-4.5m AOD. The main development site will be land-raised to 5.1m AOD for flood alleviation purposes. The heights of structures given above are all measurements in metres above this raised development site level.



Drawing produced by MSEnvironmental based on information supplied by Alstom, BOC and Drax

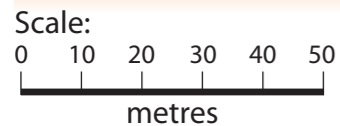




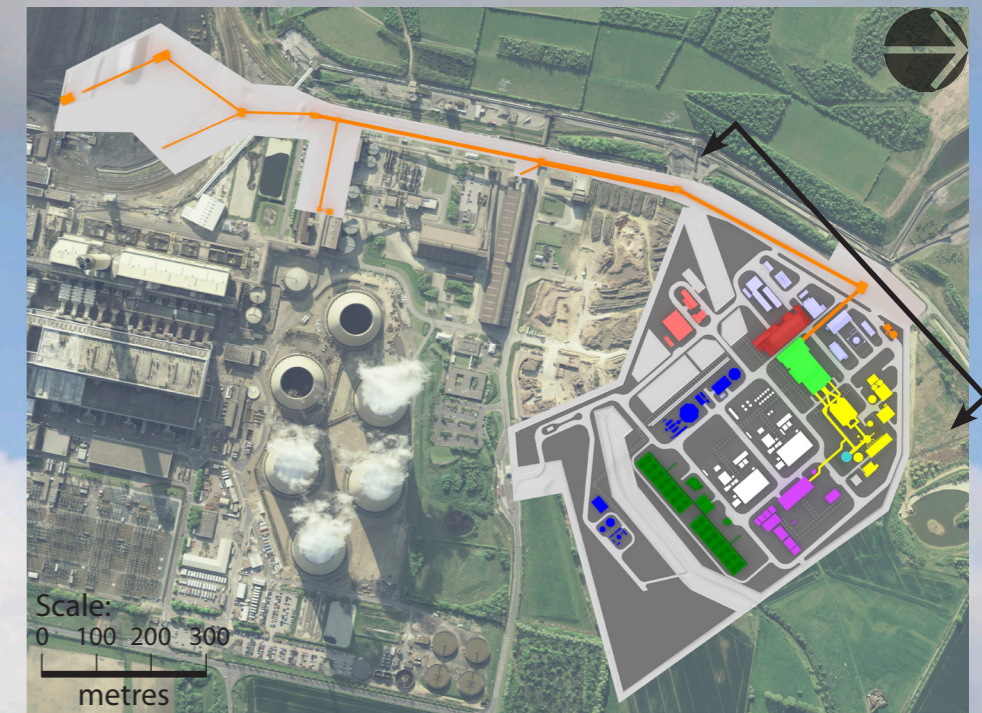
Elevation CC Location



* Existing ground levels across the main site generally range between 2.5-4.5m AOD. The main development site will be land-raised to 5.1m AOD for flood alleviation purposes. The heights of structures given above are all measurements in metres above this raised development site level.



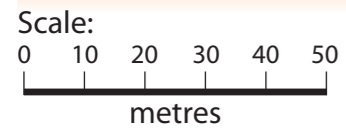
Drawing produced by MSEnvironmental based on information supplied by Alstom, BOC and Drax



Elevation DD Location



* Existing ground levels across the main site generally range between 2.5-4.5m AOD. The main development site will be land-raised to 5.1m AOD for flood alleviation purposes. The heights of structures given above are all measurements in metres above this raised development site level.



Drawing produced by MSEnvironmental based on information supplied by Alstom, BOC and Drax