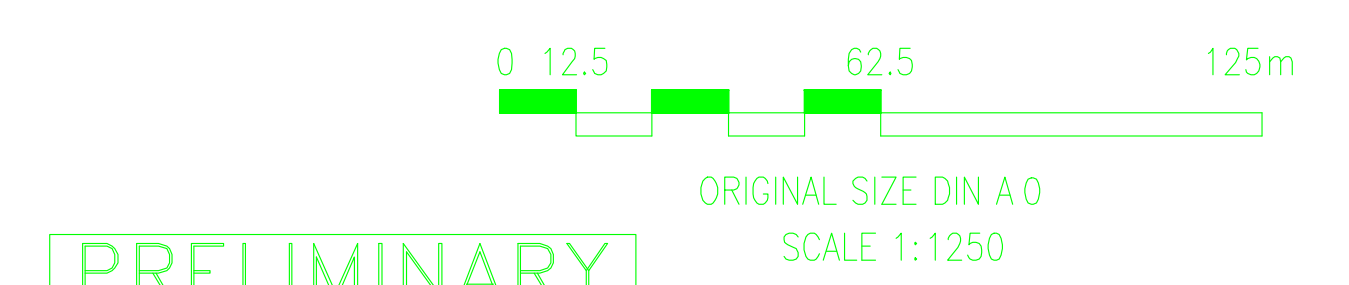
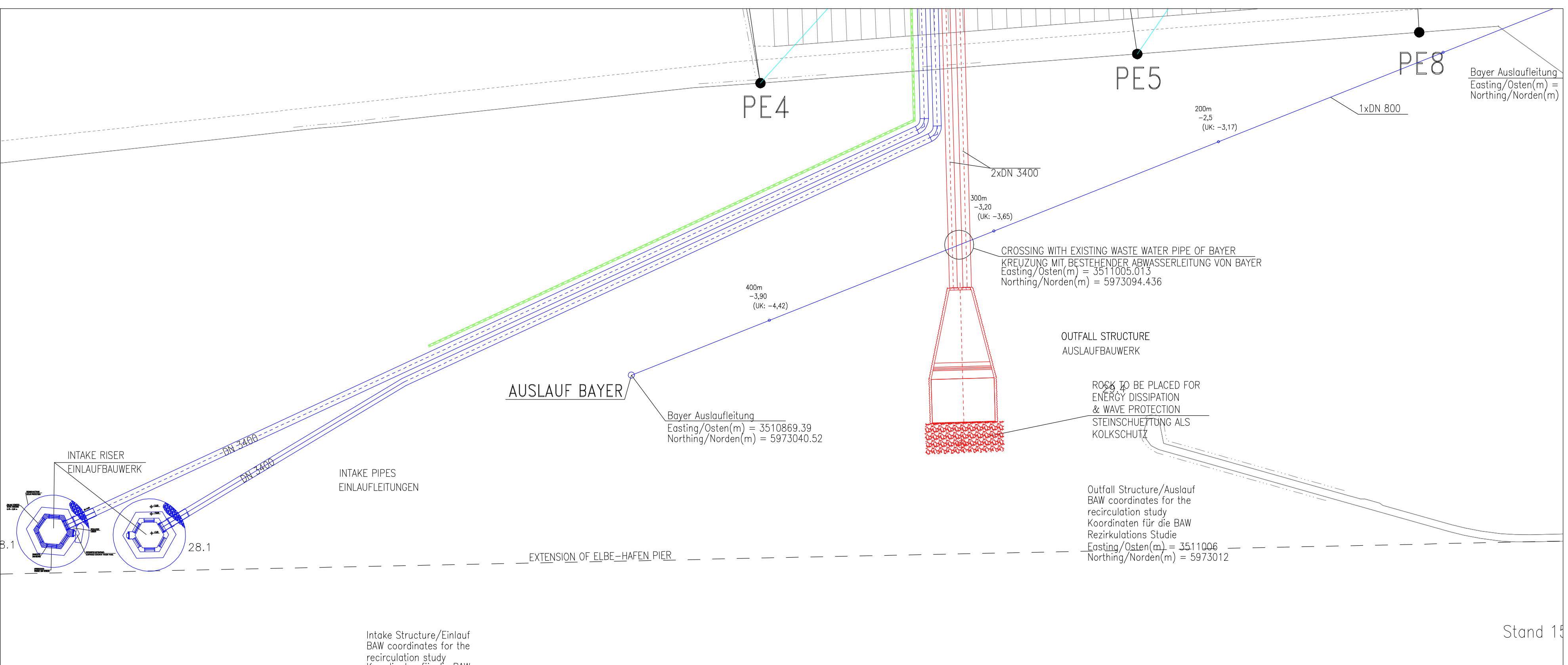


- 2 UBA MAIN ELECTRICAL AUXILIARIES BUILDING (TURBINE/BOILER)
- 3 NA ELECTRICAL AUXILIARIES BUILDING (LOW-VOLTAGE AND OZONE PLANT)
- 4 UBB ELECTRICAL AUXILIARIES BUILDING (FGD/ESP)
- 5.1 UBE10 UNIT AUXILIARY TRANSFORMER
- 5.2 UBE20 TRANSFORMER 20 FOR FUTURE CO2 CAPTURE
- 5.3 UBE30 SITE ARRANGEMENT / BACK-UP TRANSFORMER
- 5.4 UBE40 SITE ARRANGEMENT / BACK-UP TRANSFORMER
- 5.5 N.A.
- 5.6 UBD SITE TRANSFORMERS (UBD11-UBD22)
- 5.7 UBF STEP-UP TRANSFORMER (THREE PHASE)
- 7 UBH OIL SEPARATORS
- 8 UBN EMERGENCY DIESEL (CONTAINER TYPE 40 FEET)
- 9 N.A.
- 10 UEF COAL TRANSFER STRUCTURE
- 11.1 UEH DIESEL OIL UNLOADING STATION - TRAIN (11.1) AND TRUCK (11.2)
- 11.2 UEH DIESEL OIL UNLOADING STATION - TRAIN (11.1) AND TRUCK (11.2)
- 11.3 UEL DIESEL OIL PUMP BUILDING
- 12 UEJ DIESEL OIL TANK
- 13 UET FLY ASH STORAGE SILO - GOOD ASH (13) AND BAD ASH (14)
- 14 UET FLY ASH STORAGE SILO - GOOD ASH (13) AND BAD ASH (14)
- 15 UEP BOTTOM ASH STORAGE SILO
- 16.1 UGB10 SECONDARY WATER STORAGE TANK
- 16.2 N.A.
- 17 UGA10 PRIMARY WATER DECANTATION BASIN
- 18.1 UGC10 DEMIN. WATER STORAGE TANK
- 18.2 UGC20 DEMIN. WATER STORAGE TANK
- 19 UGD WATER TREATMENT PLANT (19) AND TRUCK (19.2) BUILDING
- 19.1 UBS ELECTRICAL AUXILIARIES ROOM (WATER AND WASTE WATER TREATMENT)
- 20.1 UGE10 MAIN NEUTRALIZATION PIT
- 20.2 UGE20 NEUTRALIZATION PIT (CONDENSATE POLISHING)
- 21 UGI ABSORBER MAKE-UP WATER BASIN
- 23 UHA BOILER HOUSE
- 24 UHN CHIMNEY
- 25 UHQ ELECTROSTATIC PRECIPITATOR (ESP)
- 26 UMA STEAM TURBINE BUILDING
- 27.1 UVY CABLE/PIPE BRIDGE STRUCTURE (CONNECTING FGD TO GYPSUM SILO)
- 27.2 UNY CABLE/PIPE BRIDGE STRUCTURE (CONNECTING AMMONIA UNLOADING TO UMY)
- 27.3 UMY CABLE/PIPE BRIDGE STRUCTURE (CONNECTING BOILER WITH FGD)
- 27.4 N.A.
- 27.5 N.A.
- 27.6 N.A.
- 28.1 UPC COOLING WATER INTAKE RISERS
- 28.2 UPA INTAKE PIPES
- 28.3 UPX DYKE CROSSING STRUCTURE (INTAKE AND OUTFALL PIPES)
- 28.4 UQA COOLING WATER PUMPING STATION
- 28.5 UQL COOLING WATER SUPPLY PRESSURE LINES
- 29.1 UQJ COOLING WATER RETURN PRESSURE LINES
- 29.2 UOJ SIPHON PIT
- 29.3 UGN OUTFALL PIPES
- 29.4 UGO OUTFALL STRUCTURE
- 29.5 UOX FISH RETURN PIPE
- 29.7 UST STAIRWAY 1 TO CW PUMPING STATION
- 29.8 UST STAIRWAY 2 TO CW PUMPING STATION
- 30 USG FIRE-FIGHTING PUMP HOUSE
- 31 UTF INTERMEDIATE BUILDING / AIR COMPRESSOR STATION
- 32 UTH LUTH AUXILIARY STEAM GENERATOR
- 33 UVB FLUE GAS FAN SYSTEM
- 34 UVG ABSORBER B34 INCL. AUXILIARIES (35)
- 35 UNG ABSORBER B34 INCL. AUXILIARIES (35)
- 36 UVK LIMESTONE STORAGE SILOS
- 37.1 UVJ AMMONIA WATER UNLOADING STATION - TRAIN (37.1) AND TRUCK (37.2)
- 37.2 UVJ AMMONIA WATER UNLOADING STATION - TRAIN (37.1) AND TRUCK (37.2)
- 37.3 UVN AMMONIA WATER STORAGE TANKS AND PUMPS
- 38.1 UVH GYPSUM DEWATERING AND QUALITY A STORAGE (38.2) AND QUALITY B OPEN STORAGE (38.2)
- 38.2 UVH GYPSUM DEWATERING AND QUALITY A STORAGE (38.2) AND QUALITY B OPEN STORAGE (38.2)
- 38.3 UVE EMERGENCY DRAIN TANK
- 40 UGD WASTE WATER TREATMENT PLANT (19) AND TRUCK (19.2) BUILDING
- 41 ULC COLD CONDENSATE TANK
- 42 UES FLY ASH DAILY SILO
- 43 UUB STAIRCASE 1 (BOILER / TURBINE)
- 44 UUH STAIRCASE 2 (BOILER / SCR)
- 45.1 UED COAL BELT CONVEYORS
- 46.1 UEE10 CORNER TOWER
- 46.2 UEE20 CORNER TOWER
- 46.3 UEE30 CORNER TOWER
- 46.4 UEE40 CORNER TOWER
- 47 UST SUPPORT COAL CONVEYOR
- 48 UAA 380KV-SWITCHYARD
- 49 UGA20 PRIMARY WATER STORAGE TANK
- 50 UAK 380KV UNDERGROUND CABLES
- 51.1 UAC 380KV SWITCHGEAR BUILDING
- 51.2 N.A.
- 51.3 N.A.
- 52.1 UGH10 RAIN WATER DECANTATION-FIRE FIGHTING WATER RETENTION BASIN
- 52.2 UGH20 RAIN WATER DECANTATION-FIRE FIGHTING WATER RETENTION BASIN
- 53 UUV STAIRCASE 3 (ABSORBER)
- 54 UUE STAIRCASE 4 (GYPSUM, LIMESTONE, FLY ASH SILOS)
- 60 UYA ADMINISTRATION BUILDING
- 61.1 UYD SOCIAL ROOMS AND CANTEN (INTEGRATED IN WORKSHOP)
- 61.2 UCA CONTROL ROOM (INSIDE ADMINISTRATION BUILDING)
- 61.3 USV LABORATORY
- 61.4 UYY WALKBRIDGE (14m ABOVE GROUND)
- 62 UST WORKSHOP
- 62.1 UBV ELECTRICAL AUXILIARIES ROOM (WORKSHOP/ADMINISTRATION BUILDING)
- 63.1 UUS STORAGE BUILDING
- 63.2 USP OPEN STORE
- 63.3 USQ COVERED STORE
- 64.1 UYE GATE HOUSE
- 64.2 N.A.
- 64.3 N.A.
- 64.4 N.A.
- 65 UZU WEIGHING BRIDGE
- 66 UZY GARAGE FOR FIRE FIGHTING TRUCK
- 67 N.A.
- 68 UGP THICKENER
- 69 UGL FLOCCULATION BASIN
- 70 UGX CHEMICALS UNLOADING STATION FOR WATER TREATMENT AND WASTE WATER TREATMENT
- 71.1 UPQ OZONE PLANT
- 71.2 UPQ ELECTRICAL AUXILIARIES BUILDING (CW-SYSTEM & OZONE PLANT)
- 72 UBT COAL STORAGE
- 72.1 UBT ELECTRICAL AUXILIARIES BUILDING (COAL STORAGE)
- 72.2 UBT ELECTRICAL AUXILIARIES BUILDING (COAL STORAGE)
- 72.3 UBU DECANTATION BASIN COAL YARD
- 73 N.A.
- 74 N.A.
- 75 N.A.
- 75.1 N.A.
- 75.2 UZD20 CAR PARKING OUTSIDE FENCE
- 75.3 UZD30 TRUCK PARKING OUTSIDE FENCE
- 75.4 UZD40 BIKE PARKING OUTSIDE FENCE
- 76 N.A.
- 77 N.A.
- 81 UBW ELECTRICAL ROOM FOR FLY ASH, GYPSUM, LIMESTONE SILOS
- N.A.



PRELIMINARY



**Allgemeine Anmerkung:**

- Alle Flächen außerhalb der Anlagegrenze P1 bis P19 sind nur dargestellt und benötigen eine Einwilligung der jeweiligen Eigentümer.
- Die Positionen der baulichen Anlagen sind nur dargestellt und unterworfen sich den später folgenden Abstimmungen.

**Anlagenhöhe:** ± 0,00m = +2,70m NN  
**Geländehöhe:** - 0,20m = +2,50m NN

**GENERAL REMARKS:**

- ALL AREAS OUTSIDE THE PLANT BOUNDARY P1 TO P19 ARE INDICATIVE ONLY AND REQUIRE AGREEMENT WITH THEIR RESPECTIVE OWNER.
- THE LOCATION OF BUILDINGS AND STRUCTURES IS INDICATIVE ONLY AND SUBJECT TO LATER ADJUSTMENT.

**PLANT LEVEL:** ± 0,00m = +2,70m NN  
**GROUND LEVEL:** - 0,20m = +2,50m NN

No.	EASTING	NORTHING	No.	EASTING	NORTHING
PE1	3511352193	5973585381	P1	3511363590	5973477450
PE2	3511089538	5973573225	P2	3511373650	5973509320
PE3	35110901960	5973301450	P3	3511408560	5973916830
PE4	3510922790	5973161280	P4	3511458530	5973921400
PE5	3511078710	5973173350	P5	3511470540	5973922310
PE6	3511058191	5973311425	P6	3511476800	5973921900
PE7	3511055448	5973261833	P7	3511530200	5973925840
PE8	3511195331	5973182296	P8	3511701360	5973940270
PE9	3511187389	5973331906	P9	3511701520	5973935370
			P10	3511786280	5973937160
			P11	3511786160	5973912150
			P12	3511702040	5973910380
			P13	3511706530	5973697910
			P14	3511785140	5973699570
			P15	3511707060	5973672920
			P16	3511785010	5973674560
			P17	3511710290	5973519770
			P18	3511784270	5973521330
			P19	3511784100	5973486390
			P20	3511711030	5973484780
			P21	3511711550	5973459790
			P22	3511713980	5973344810
			P23	3511688970	5973344280
			P24	3511686550	5973459260
			P25	3511686020	5973484250
			P26	3511519020	5973340520
			P27	3511478140	5973340290
			P28	3511457430	5973343510
			P29	3511437590	5973350270
			P30	3511419230	5973360390
			P31	3511402910	5973373540
			P32	3511389130	5973389340
			P33	3511378310	5973407290
			P34	3511370780	5973426850
			P35	3511368120	5973438410
			P36	3511364450	5973469410

AD	20.08.2008	Mitschke	Hilberand	ADJUSTED
AC	16.08.2008	Mitschke	Hilberand	POWDER ADJUSTED
AD	16.08.2008	Mitschke	Hilberand	ADJUSTED
AA	23.07.2008	Mitschke	Hilberand	FIRST ISSUE
NO	DATE	REVISED	CHECKED	NOTE/DETAIL OF REVISION
<b>PLANT OWNER / CLIENT:</b>				
<b>Electrabel</b>				
<b>PROJECT:</b>				
<b>Electrabel - Coal fired power plant</b>				
<b>BRUNSBÜTTEL BLOCK 1</b>				
<b>OWNERS ENGINEER:</b>				
<b>FICHTNER</b>				
<b>Tractebel Engineering</b>				
<b>SUPPLIER:</b>				
<b>FILE LOCATION:</b>				
<b>FILE NAME:</b>				
<b>SHEET:</b>				
<b>OF: 1</b>				
<b>VENDOR PROJECT NUMBER:</b>				
<b>PROJECT-NO.:</b>				
<b>CODE:</b>				
<b>DOC-TYPE:</b>				
<b>SERIAL-NO.:</b>				
<b>REV.:</b>				
<b>DRAWN:</b>	<b>DATE:</b>	<b>NAME:</b>	<b>DRAWING NUMBER:</b>	<b>DRAWING NUMBER:</b>
<b>23.07.2008</b>		<b>Mitschke</b>	<b>210.1.0.0.11A.0</b>	
<b>REVISD:</b>	<b>DATE:</b>	<b>NAME:</b>	<b>DRAWING NUMBER:</b>	<b>DRAWING NUMBER:</b>
<b>23.07.2008</b>		<b>Hilberand</b>		
<b>DEDED:</b>	<b>DATE:</b>	<b>NAME:</b>	<b>DRAWING NUMBER:</b>	<b>DRAWING NUMBER:</b>

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