



CONCEPT LAYOUT

PROJECT NAME	KLINGGUT
PROJECT NO.	
ADDRESS	Mulmshorn, 27367 Böttersen, Germany
COORDINATES	53.160886° 9.297525°
DWG DATE	30/03/2022
DRAWN BY	APC
CHECKED BY	GG
FORMAT	A0@1:3000

SCALE	0m 50m 100m 150m 200m 250m 300m
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ALL UNITS IN MM, UNLESS MENTIONED

PLANT SPECIFICATION	
DC RATING	37740 kWp
AC RATING	30134 kW/ 31721 kVA
POWER RATIO	1.264
MODULE TYPE	Bi facial 540 Wp
MODULE QTY	69888
MOUNTING TYPE	1x26 / 1x52 / 1x78 SAT
TILT/AZIMUTH	±55°
PITCH	4756 mm
ROW DISTANCE	2500 mm
INVERTER TYPE	String 215 kVA
INVERTER NO.	169
TRANSFORMER	4400/3150/2500 kVA
TRAFOS NO.	7x4400/ 3x3150/ 1x2500kVA
FENCE LENGTH	7749 m
FENCE AREA	61.62 ha
HEDGE LENGTH	7910 m
GATE(S)	5
ROAD LENGTH	4150 m
TOTAL AREA	65.8 ha

YIELD DATA	
YIELD REPORT NAME	
YIELD REPORT DATE	
YIELD (kWh/kWp/yr)	
IRRADIANCE SOURCE	
IRRADIANCE (kWh/m²)	

LEGEND	
	Solar Tracker 1x78 (562)
	Solar Tracker 1x52 (305)
	Solar Tracker 1x26 (408)
	Transformer 4400kVA (7)
	Transformer 3150kVA (1)
	Transformer 2500kVA (3)
	Maintenance road
	Hedge
	Gate (4)
	Fence
	Construction boundary
	Restricted area

REVISION LOG		
REVISION	DATE	NOTES
P-001-V00	07/01/2022	FIRST ISSUE
P-001-V01	08/02/2022	HOUSE EXCLUDED
P-001-V02	25/04/2022	ADDITION AREA



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P-001