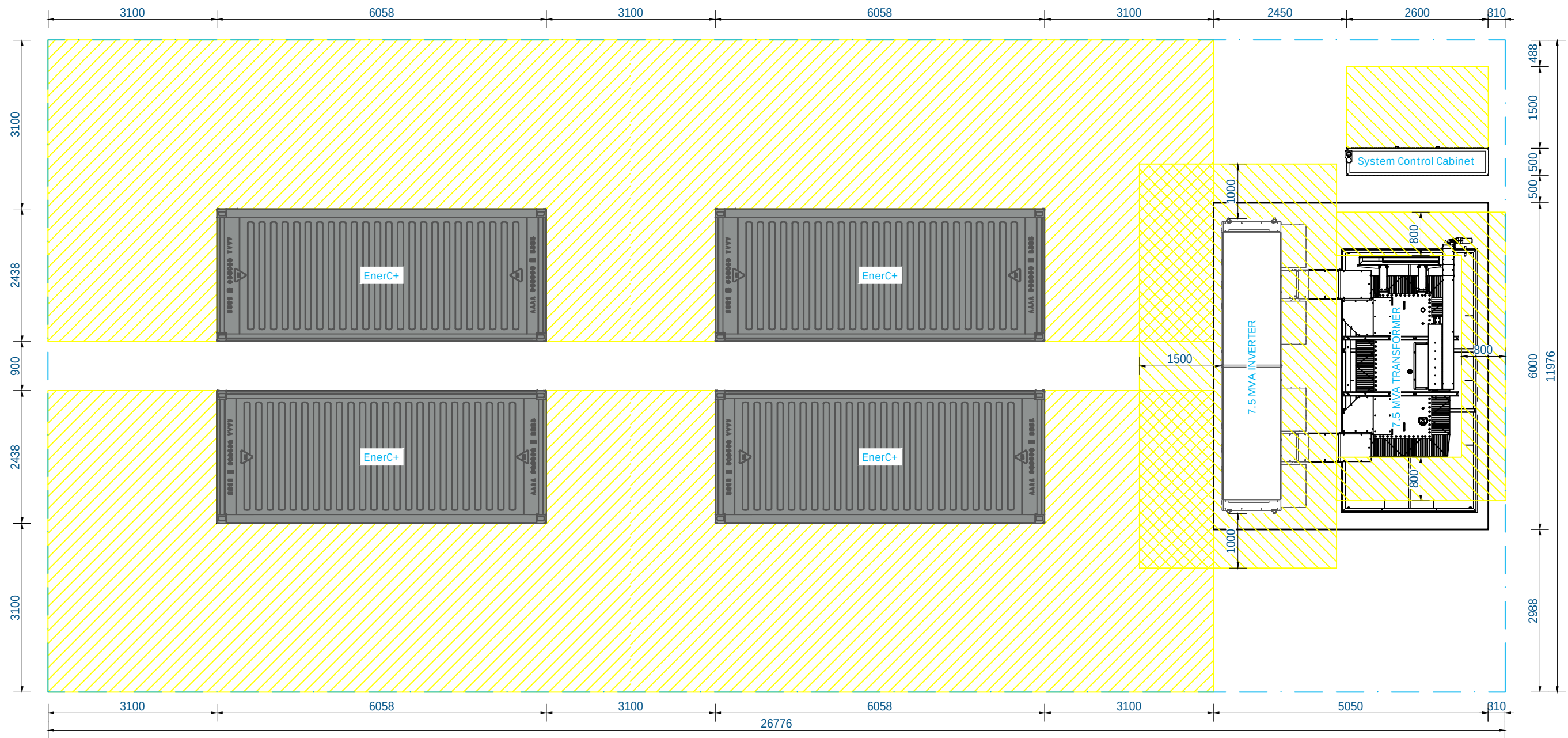




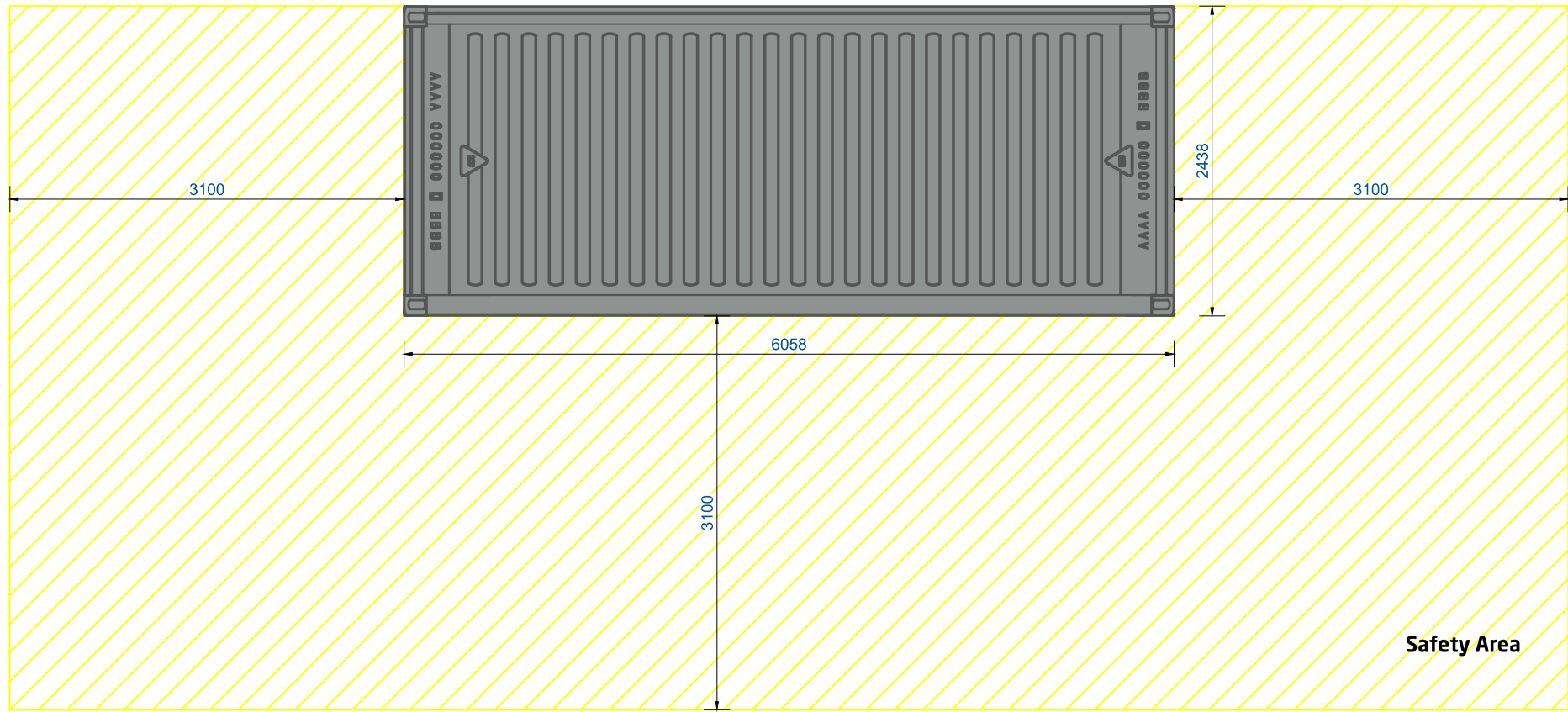
BESS CONFIGURATION		
Element	Quantity	Type
Transformer	1	7500kVA outdoor transformer
Inverter	1	7500kVA - WSTECH outdoor
Energy Storage Unit	4	4073.47kWh each - CATL EnerC+
System Control Cabinet	1	SiCab24 - 2600mmx500mm

- The distance between the containers back to back can not be less than 600mm.

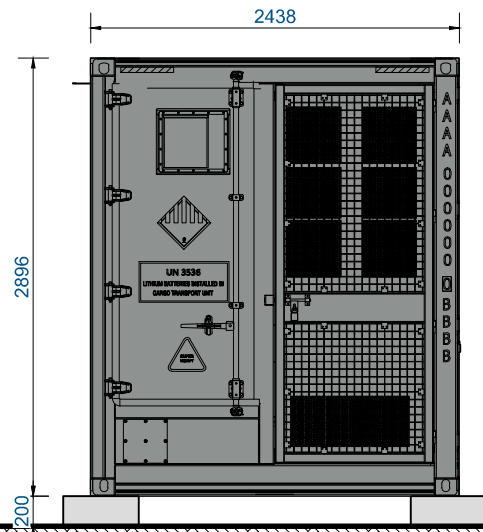
assembly		The Battery Elements - 4 EnerC+ Battery Container				DISCLAIMER The colors on the drawing may differ from reality, due to printer and / or monitor settings. These colors are indicative. No rights can be derived.	
detail		CATL - 4BC - BESS 7500 kVA Inverter				american projection dimensions in mm	
		forecast nr	drawn	munr	18-11-24	size	scale
		GENERAL	constructed	vorm	03-07-24	PROJECTS-A3	1:80
order nr		drawing state	drawing nr		rev.		
GENERAL		OFFERTE	8105A602		B		

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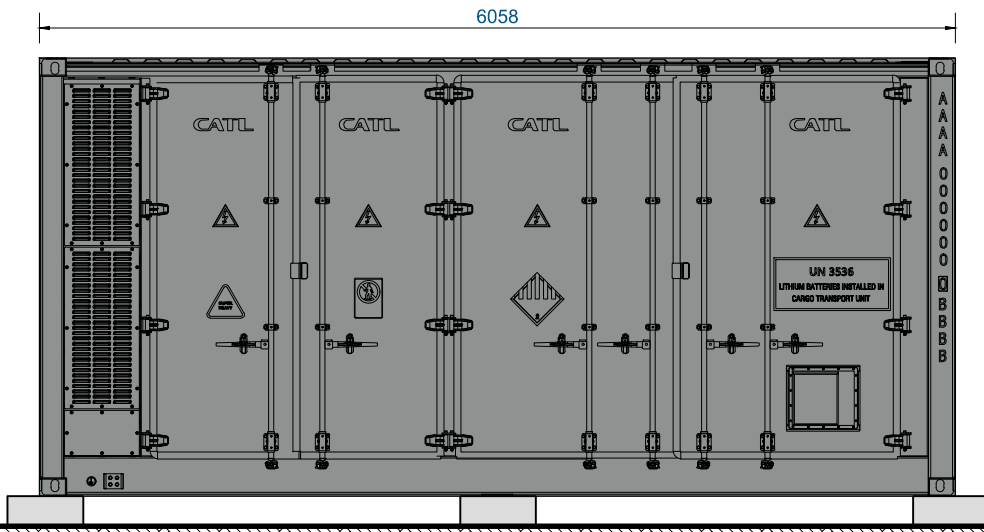
REVISION
A. B. C. D. E. F. G. H. I. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. X. Y. Z.



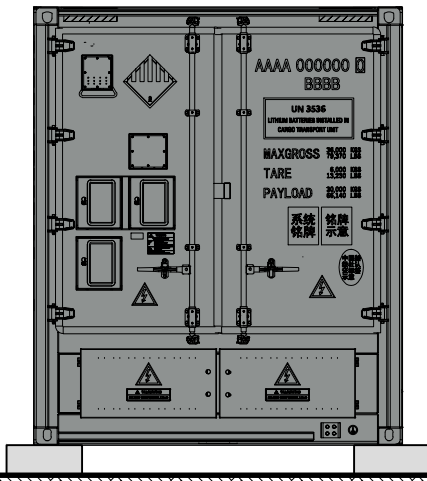
PLAN



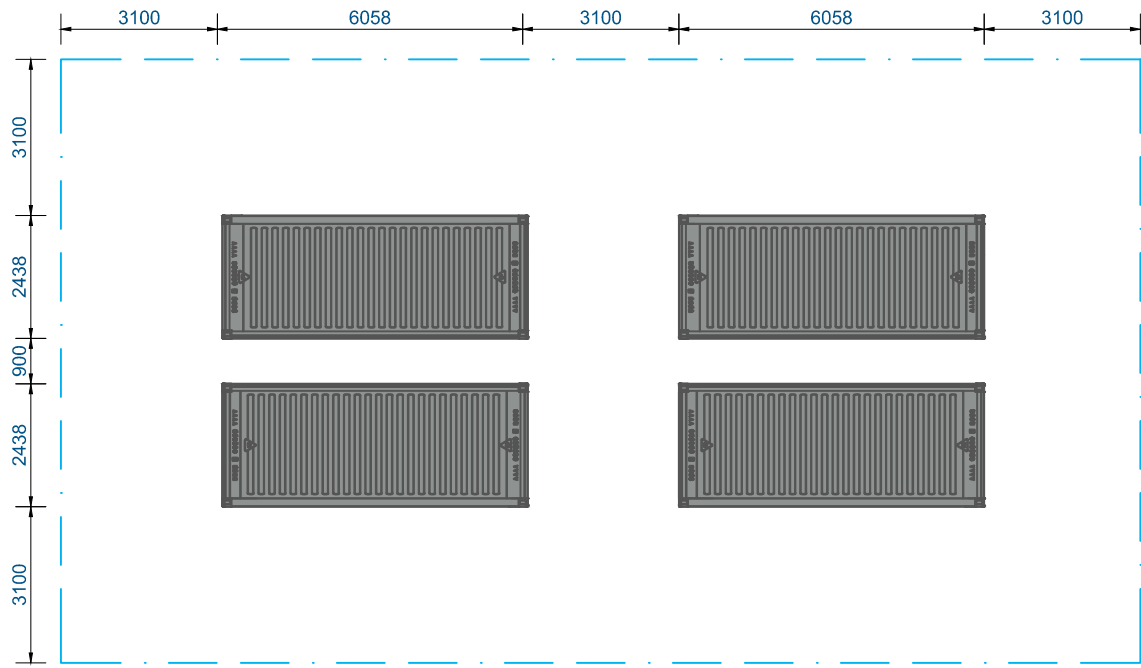
VIEW LEFT



FRONT



VIEW RIGHT



Clearance requirement - containers interaction
scale 1:150

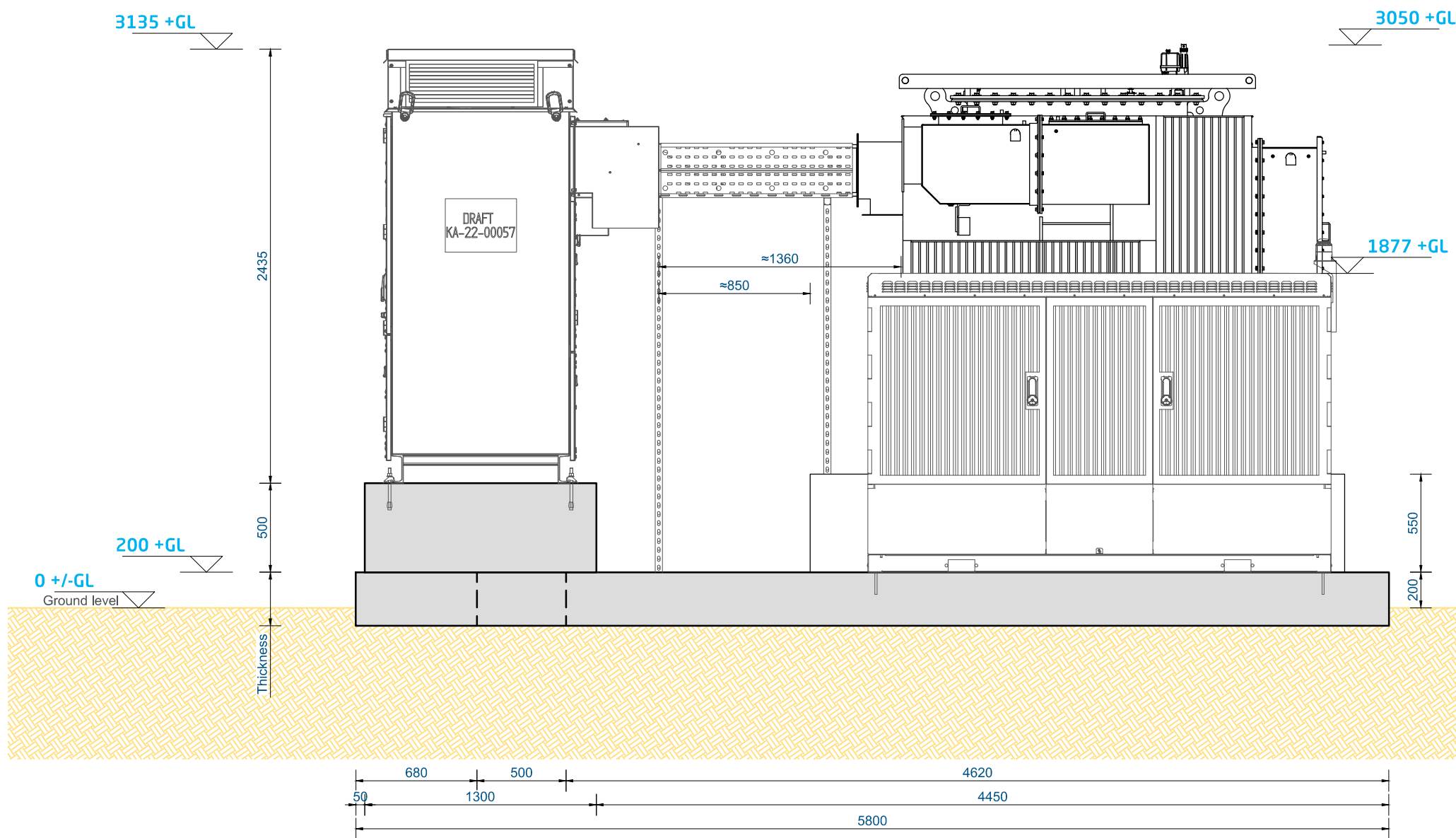
Components	
Element	Weight(kN)
Energy storage unit - EnerC+ Battery Container	~360.00

- The distance between the containers can be in the range of 200 to 900 mm.

assembly		Energy storage unit EnerC+ Battery Container				DISCLAIMER	
detail		CATL - EnerC+ Battery Container				american projection	
forecast nr		drawn	vorm	25-09-24	size	american projection	
GENERAL		constructed	vorm	17-06-24	PROJECTS-A2	dimensions in mm	
order nr		drawing state			drawing nr	rev.	
GENERAL		OFFERTE			8105A016	-	

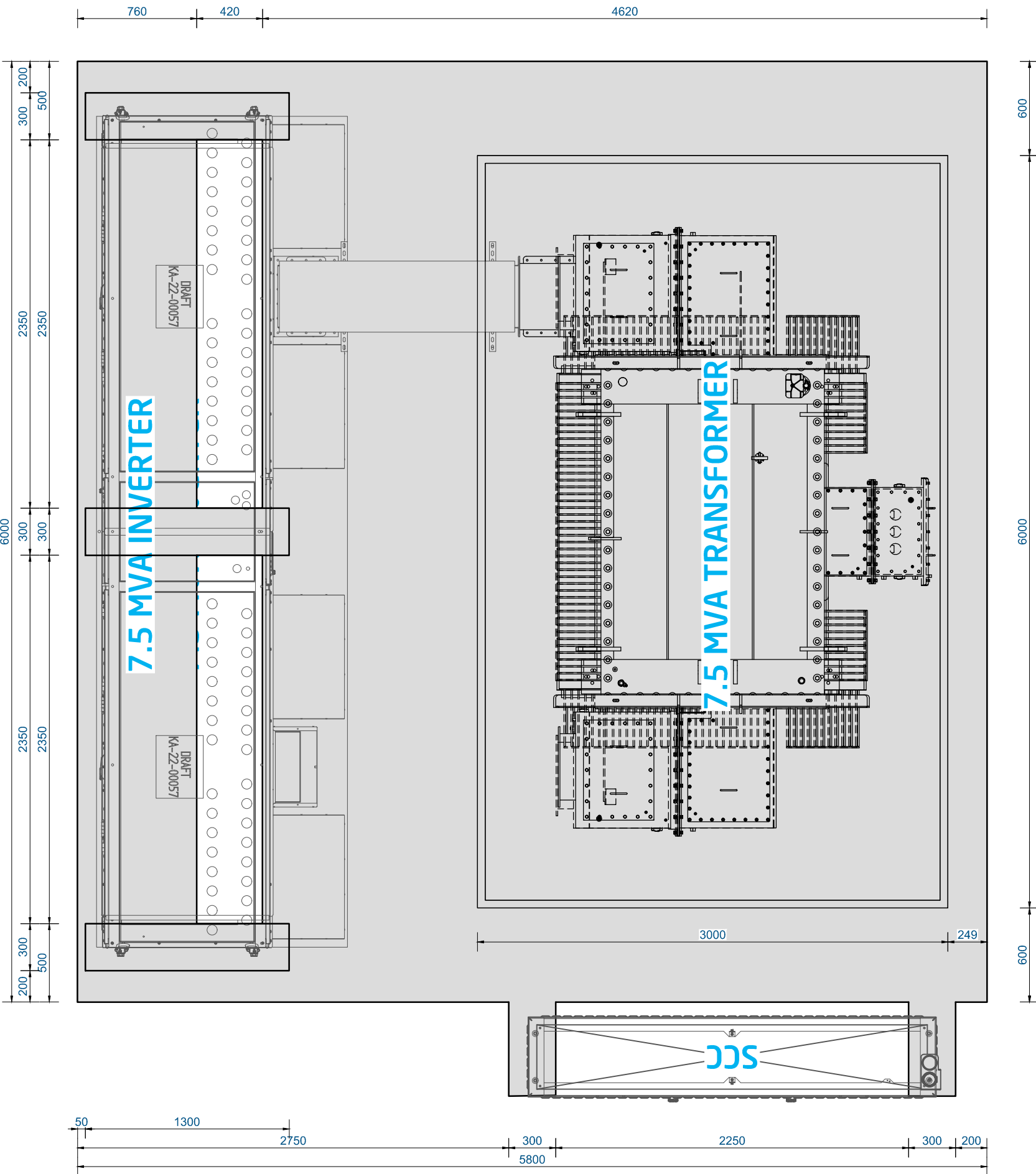
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AND/OR THE DIMENSIONS OF THE FOUNDATION
WITHOUT WITHOUT THE PRIOR WRITTEN CONSENT OF ALFEN S.A.

REVISION
2025-05-25 main - new version Inverter 500V higher

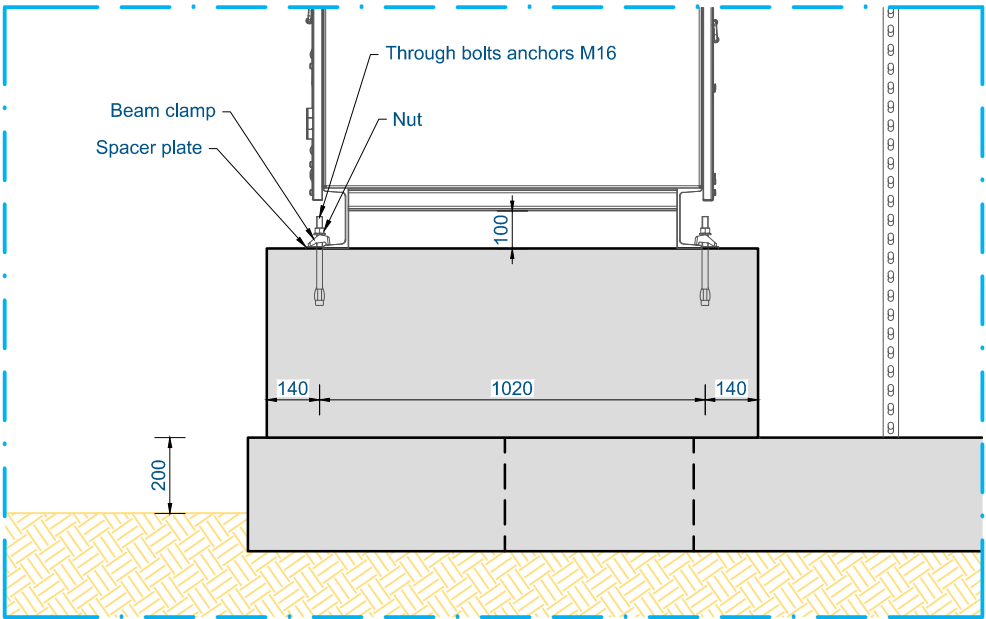
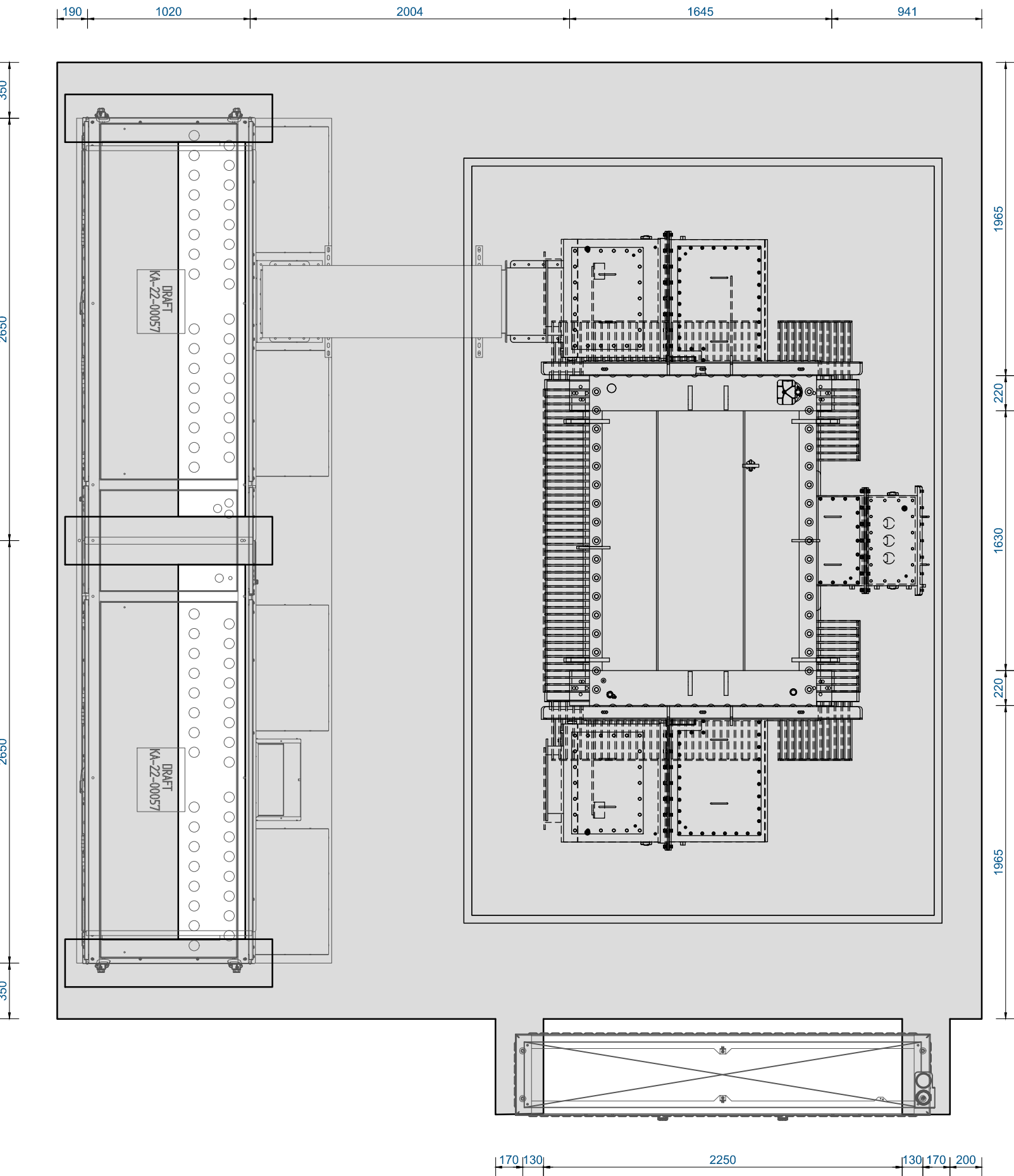


SIDE VIEW

PLAN



FOUNDATION - FIXATION POINTS



DETAIL - INVERTER FIXING
Scale 1:20

System Configuration	
Element	Weight
Inverter 7500 kVA	65 kN (6500 kg)
Transformer	165 kN (16500 kg)

- Foundation must be correctly leveled before placing the inverter. 200mm above ground level.
- Foundation must be calculated in accordance with the applicable local regulation/s and load cases.
- Geometric and reinforcement design must be checked with the local regulation as well.
- Use all possible and reachable fixation points for fastening inverter to foundation.
- The foundation type may be changed.
- Geotechnical characteristics are needed in any case.

assembly The Battery Elements - Inverter-transformer foundation				DISCLAIMER The colors on the drawing may differ from reality. due to printer and / or monitor settings. These colors are indicative. No rights can be derived.	
detail WSTech Inverter 7.5MVA + Transformer - Standard				amalgam projection dimensions in mm	
forecast nr	GENERAL	mutr	20-03-25	size	scale
	CONSTRUCTED	norm	01-08-24	PROJECTS-A1	1:30
order nr	GENERAL	drawing state	OFFERTE	drawing nr	rev.
				8105A321	A