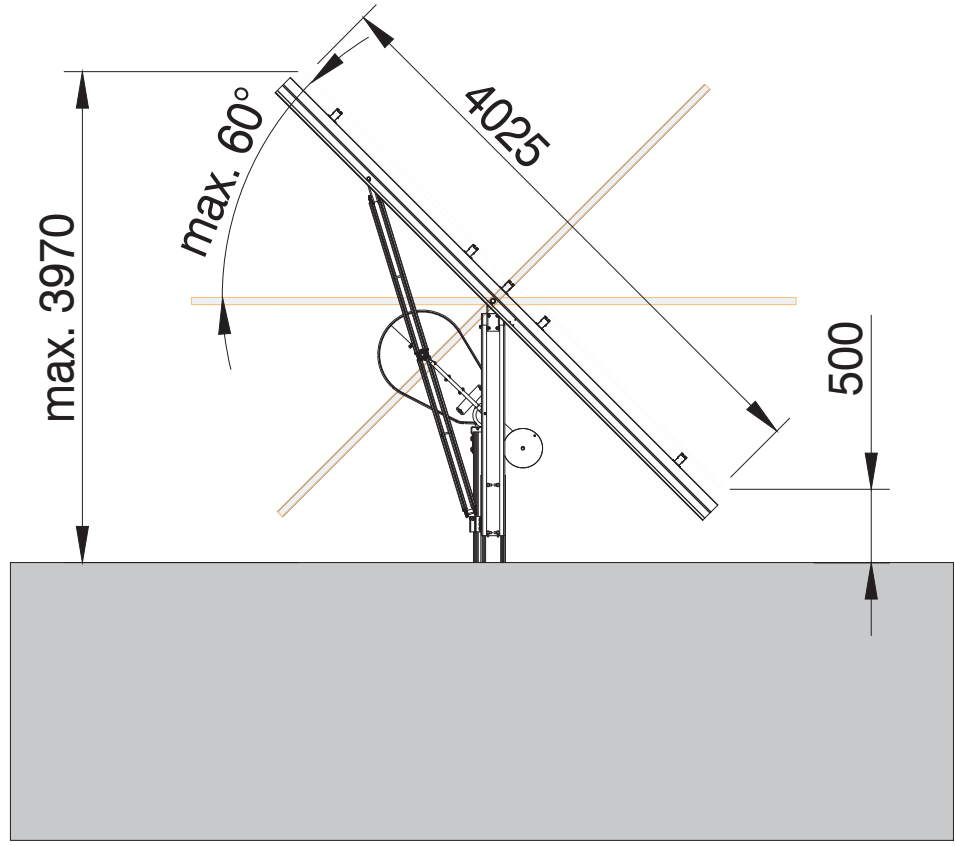




Location		Coordinates		
Country:	Australia	WG5 84	Projected	
Address:	Victoria	Latitude: 37.03° S	Eastings:	
	Carisbrook	Longitude: 143.90° E	Northings:	
Areas				
	Fenced Area	Length	Area	Length
	[m²]	[ha]	[m]	[m]
Total	2,987,911.4	298.8	7,853	
			Access Road	
			Maintenance Road	
			Construction Compound	
System Configuration System Voltage @1500V				
Modules	Strings	Inverter	Substructure	
Allocation			Type	Tracker
[Wp]	350	Mdls/String	28	Type
No.		No.	9,180	Model AC [kVA]
Total No.	257,040	No.	27	Config
DC [kWp]	89,964 MWp	Total AC [kVA]	75000 kVA	Pitch [m]
				17.00

2 Tracker Cross Section



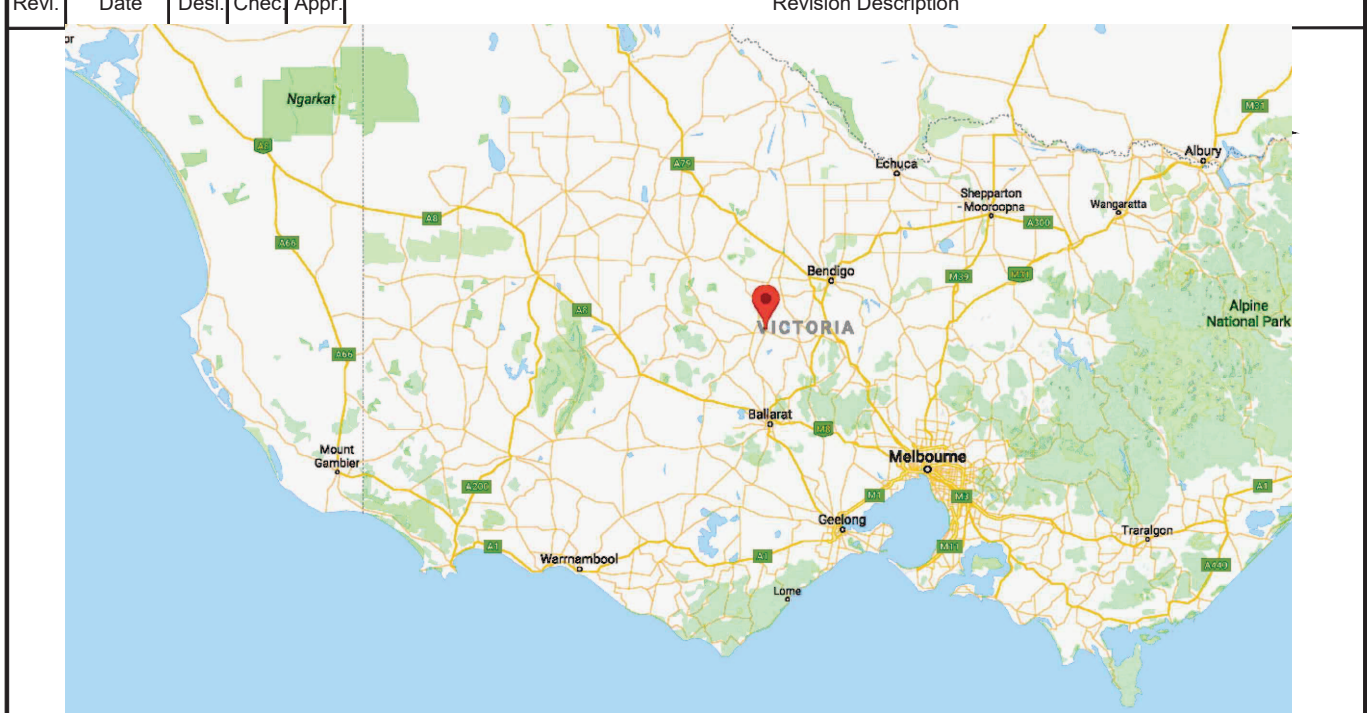
Legend	
	Planning Boundary
	Fence
	Access Gate
	Access Roads [Width of 4m / 6m]
	PV Panel Area
	Bushfire Buffer [3m / 10m]
	Ecological Constraints
	Landscaping Buffer [20m]
	Single Axis Tracker for Panels
	Solar Farm Switching Station
	Point of Connection
	Construction Compound = 30,000m²
	400V Battery Container plus spacing for DC/DC converters
	Inverter Transformer Station
	Drainage System
	Water Storage Tank [2 x 45,000 l]





Used Xrefs of external planners in the current drawing

Rev.	Date	Xref(DWG) - File name / Planning expert

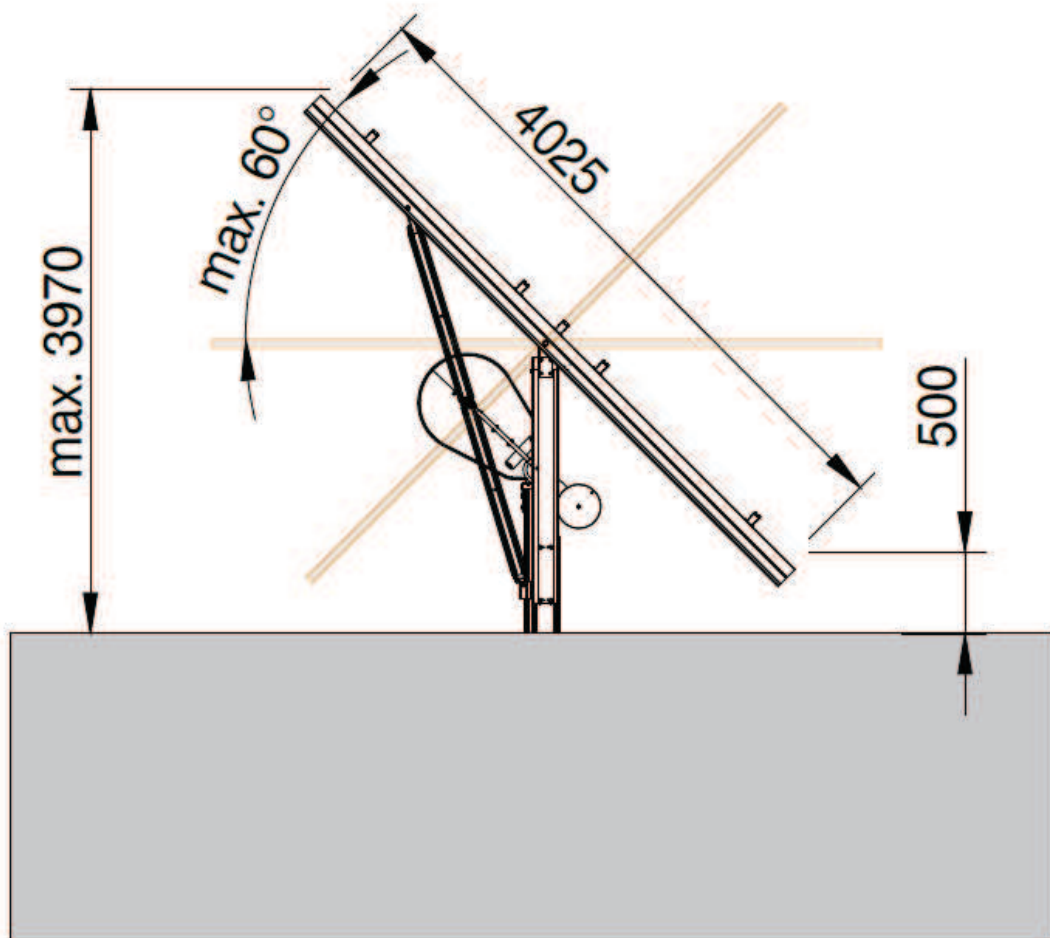
Please note that all drawing contents have to be checked on the contractor's own responsibility prior to construction start. Discrepancies have to be communicated to the contractual partner or to the responsible technical planners. Drawing numbers and notes have to be observed. With release of new drawing, previous drawings lose their validity and will not be withdrawn.		Documents no.	2512 M2.001.0.F
Project No.	Doc.	Series No.	Size

Rev.	Date	Des.	Chk.	Appr.	Revision Description
F	02 Jul 18	MAB			Number of inverter station increased (27 stations instead of 22)
E	25 Jun 18	MAB			Approval Drawing: EW-pitch changed to 17.00m
D	06 Jun 18	MAB			Drawing updated
C	21 May 18	MAB			Drawing updated
B	24 May 18	MAB			Drawing updated
A	15 May 18	MAB			Drawing updated
0	25 Jan 18	PLD			Original drawing



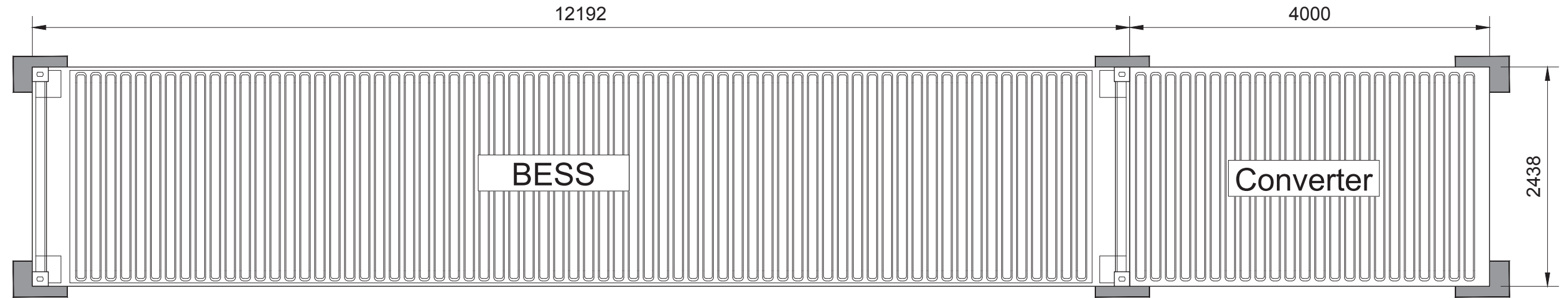
Project Management / Engineering Design:		Client:	
			
ib vogt GmbH Heinrichstr. 2-9 10587 Berlin Tel. +49 30 397440-0 www.ibvogt.com		Version: Metric European Proj.  	
Engineering Design: ib vogt GmbH Heinrichstr. 2-9 10587 Berlin Tel. +49 30 397440-0 www.ibvogt.com		Designed by: 29 Jan 2018 PUD Checked by: 01 Approved by: 1	
		Title: Carisbrook Solar Farm Module Array Layout	
Supplier:		Planning Phase: AD_11898841	
Document No.: 2512_M4.001.0.F		Approval	
Project No. Doc. Series No. Size		Status: 02 Jul 18 Revision Index: F	
Coping of the data and distribution to others and the use or communication of the contents thereof are forbidden without express authorisation. Revisions are subject to the payment of damages if they are not used as intended.			

Tracker Cross Section



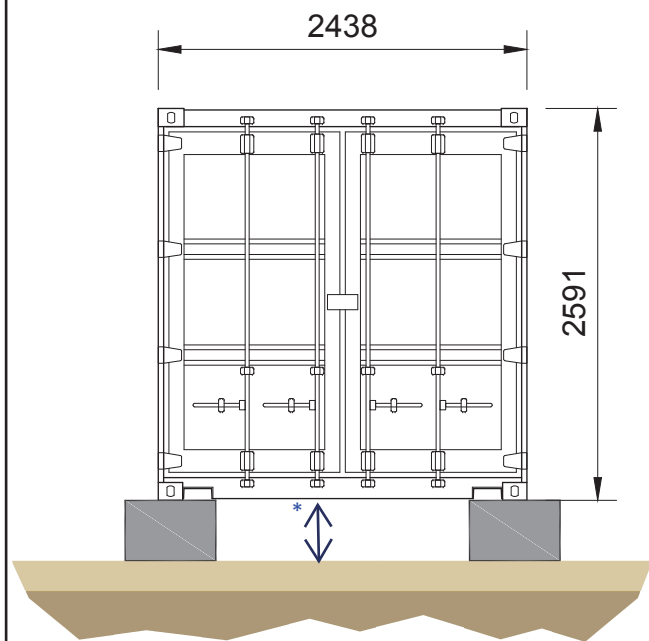
1 Top view of Battery container plus spacing for DC/DC Converter

M 1:50



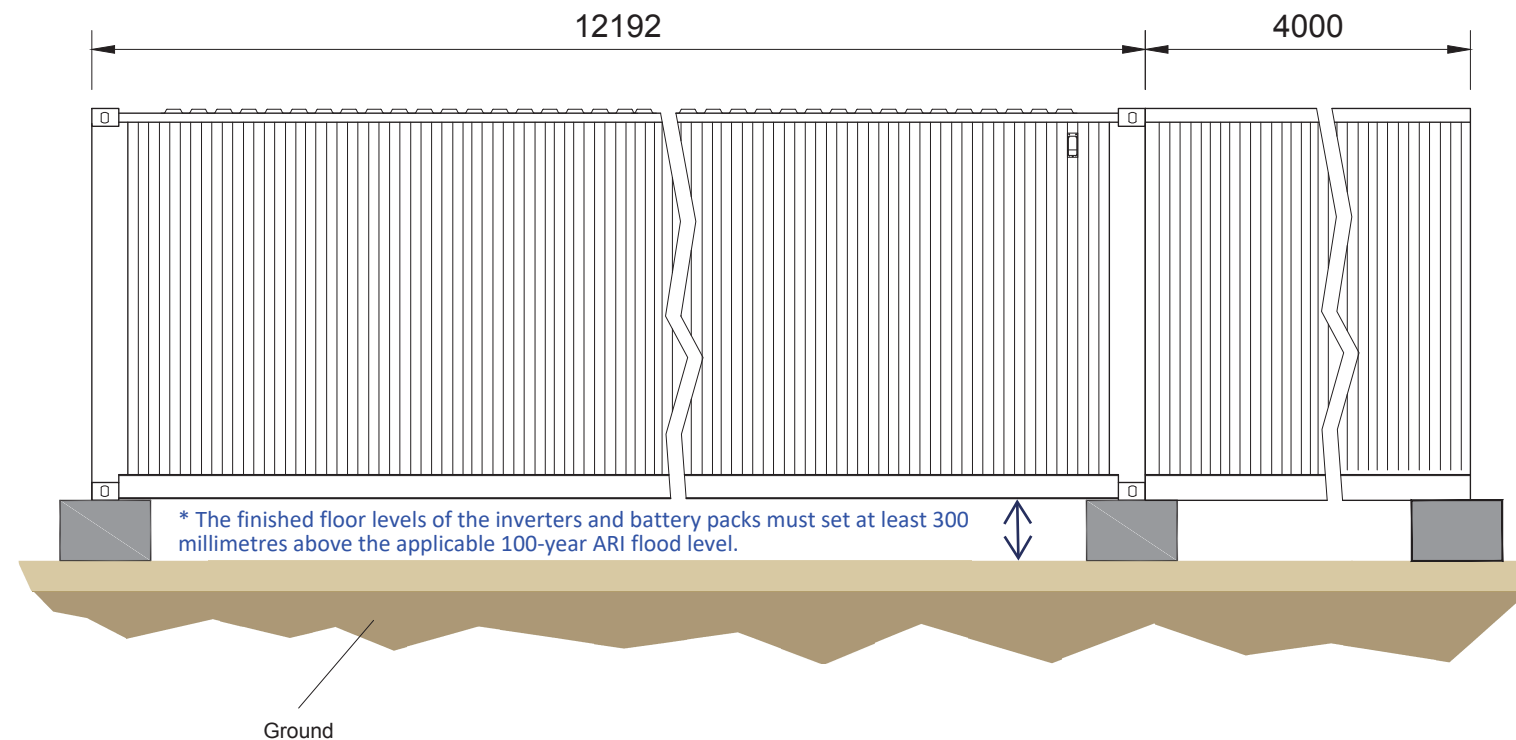
2 Elevation - front view

M 1:50



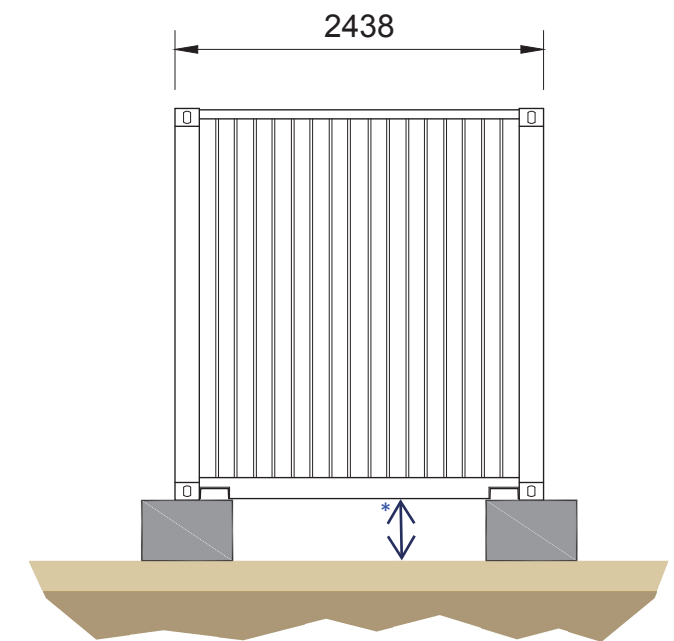
3 Elevation - side view

M 1:50



4 Elevation - back view

M 1:50



all measurements in mm

Revi.	Date	Desi.	Chec.	Appr.	Revision Description
0	01 Mar 18	RSU		OSA	Original drawing

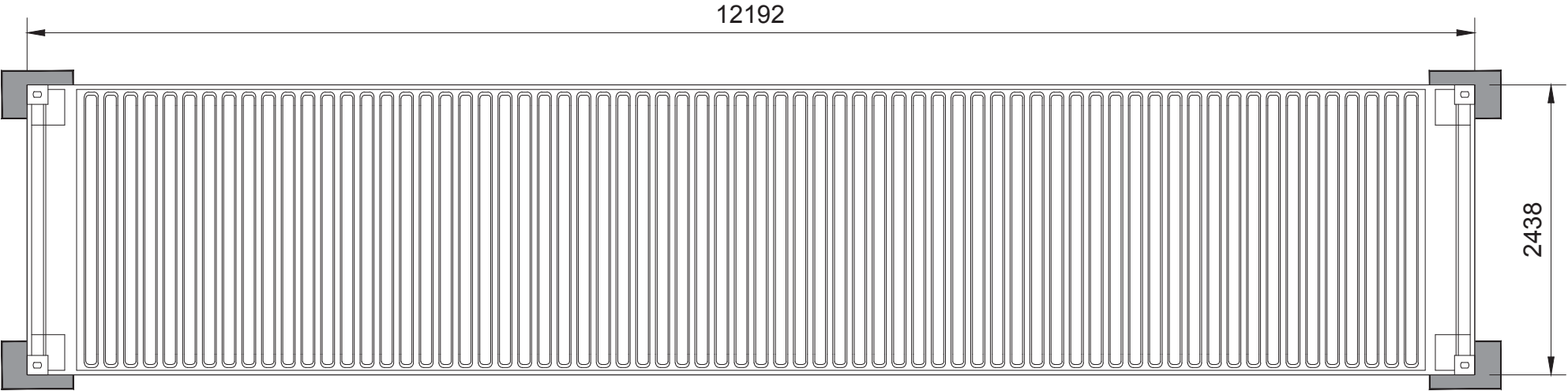
ibvogt
ib vogt GmbH
Helmholtzstr. 2-9
10587 Berlin
Tel. +49 30 397440-0
www.ibvogt.com

Carisbrook Solar Farm

	Page: 1	Size: A3_420x297	Copying of this document and distribution to others and the use or communication of the contents thereof are forbidden without expressed authority. Offenders are liable to the payment of damages © by ib vogt GmbH				
	Of: 1	Drawing Scale: 1:50					
Title: Planning Battery container plus spacing for DC/DC Converter	Status: 01 Mar 2018 Revision: 0		Document-No.: 2510.M4.015.3.0				
			Project-No. Descr. Serial-No. Size Rev.				

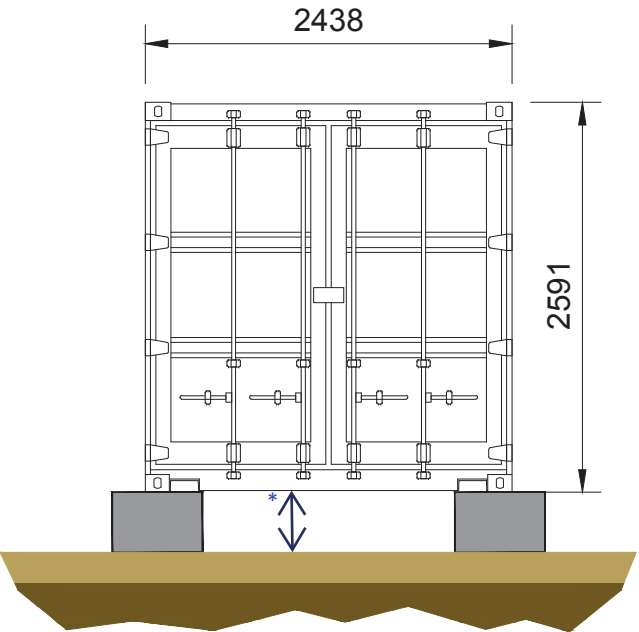
1 Top view of Inverter Transformer Station

M 1:50



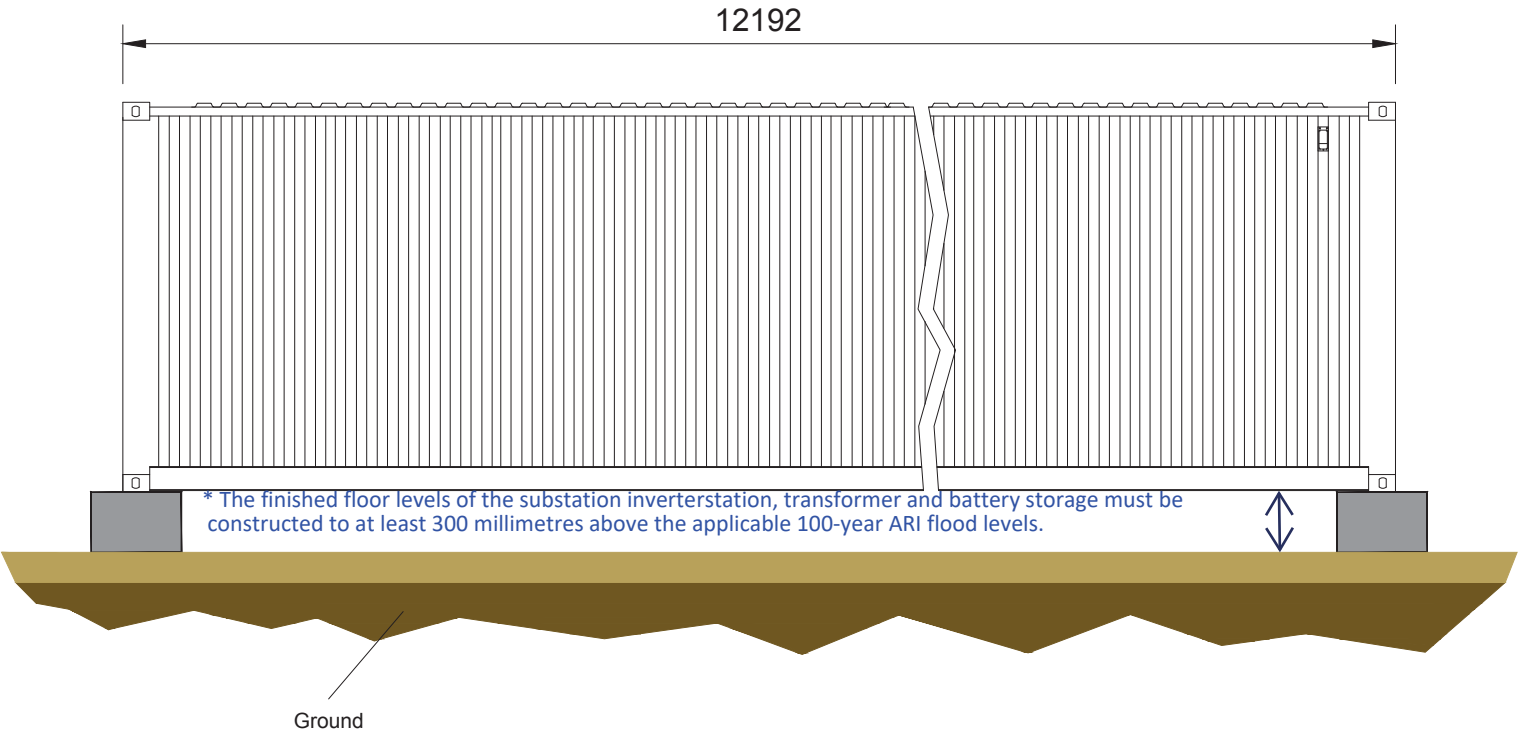
2 Elevation - front view

M 1:50



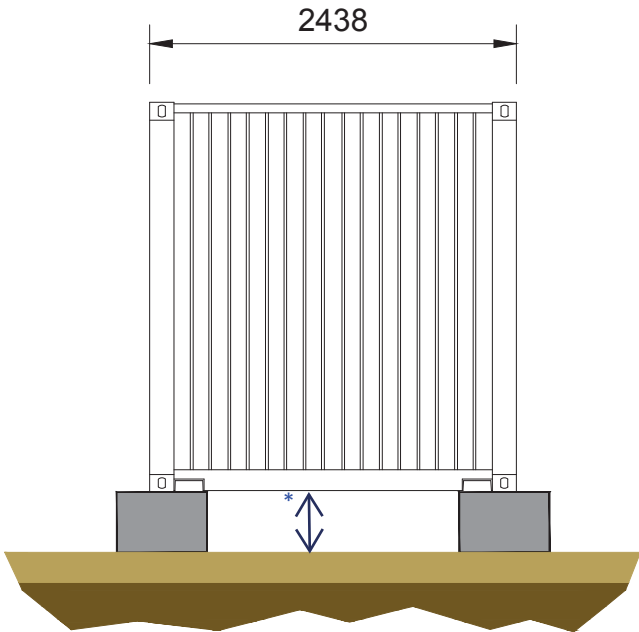
3 Elevation - side view

M 1:50




4 Elevation - back view

M 1:50



all measurements in mm

0	19 Oct 2017	JED	MAB	OSA	Original drawing
Revi.	Date	Desi.	Chec.	Appr.	Revision Description

Carisbrook Solar Farm						
 ibvogt ib vogt GmbH Helmholtzstr. 2-9 10587 Berlin Tel. +49 30 397440-0 www.ibvogt.com		Page:	Size:	Copying of this document and distribution to others and the use or communication of the contents thereof are forbidden without expressed authority. Offenders are liable to the payment of damages © by ib vogt GmbH		
		1	A3_420x297			
		Of:	Drawing Scale:			
	1	1:50				
	Title: Planning Inverter Transformer Station	Status:	Document-No.:			
		19 Oct 2017	2510.M4.014.3.0			
		Revision:				
		0	Project-No. Descr. Serial-No. Size Rev.			