

A

B

C

D

E

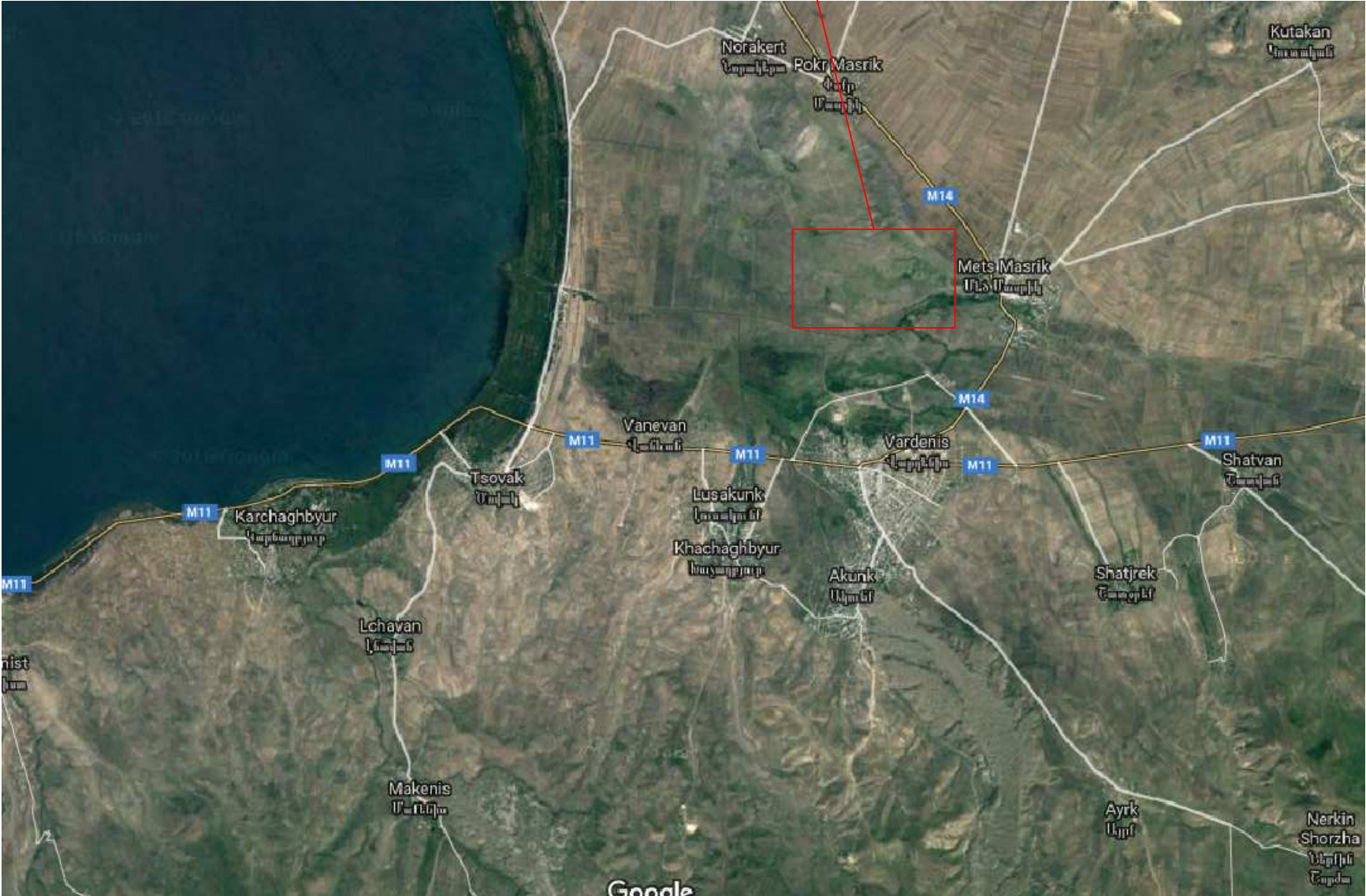
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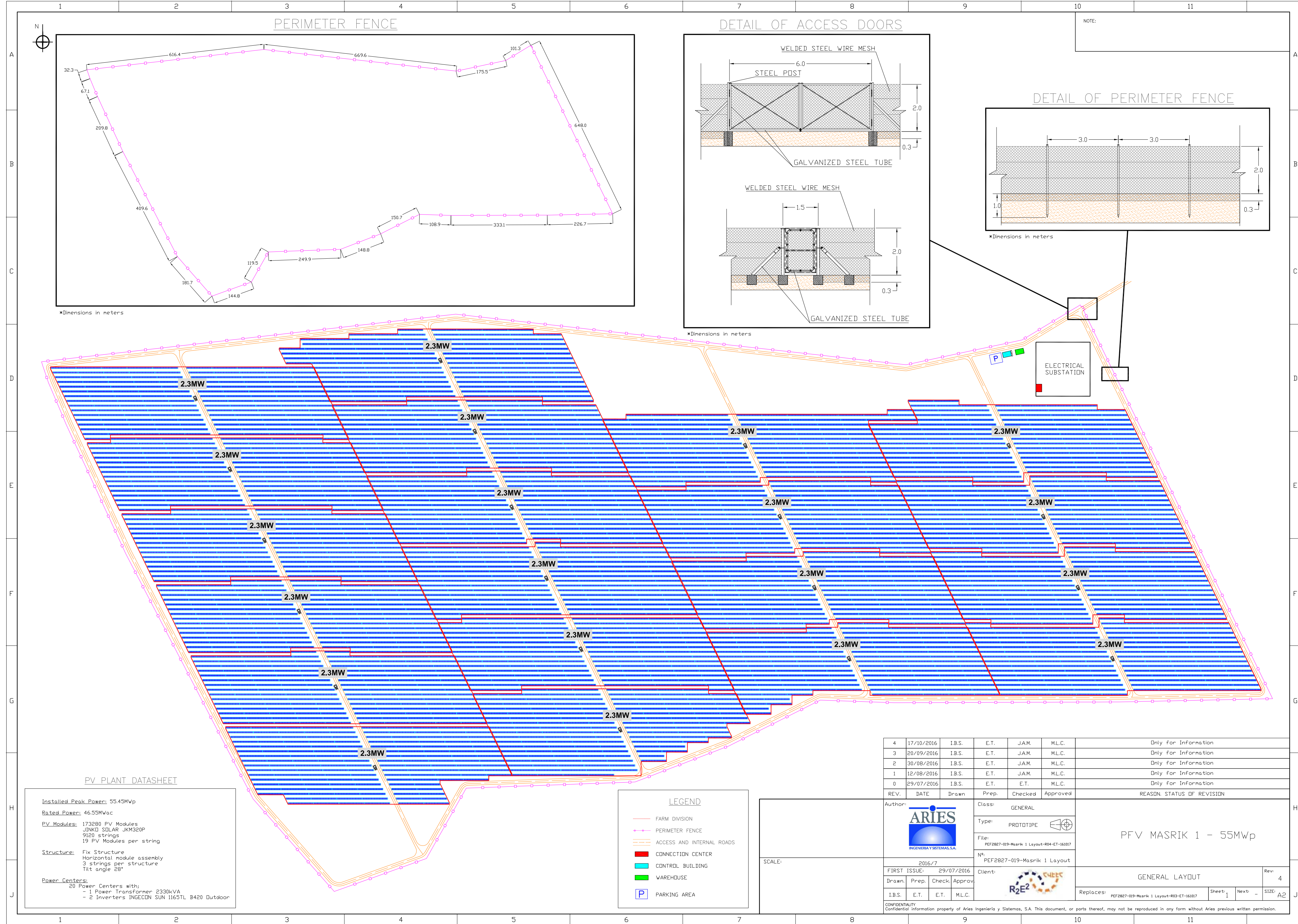
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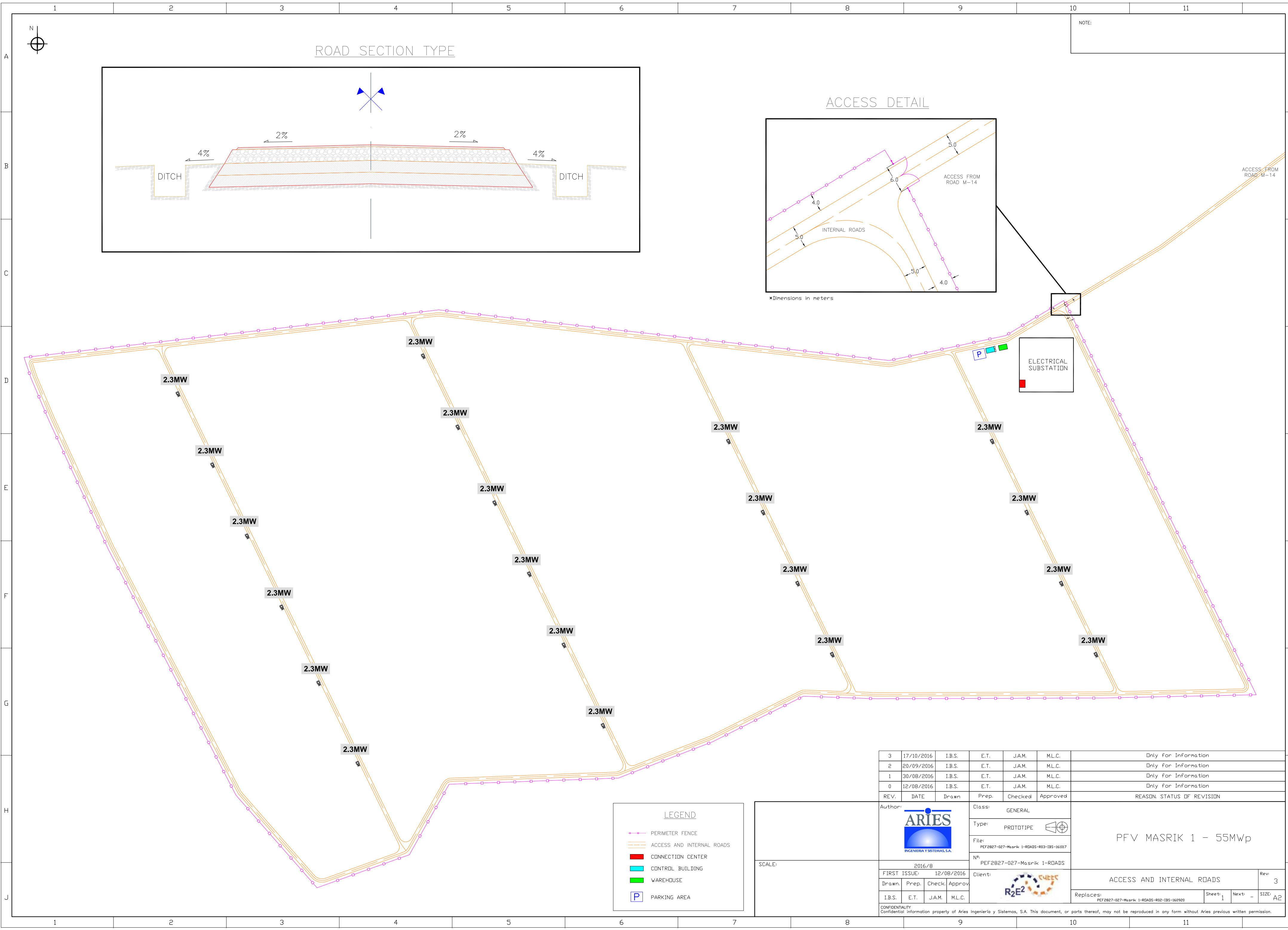
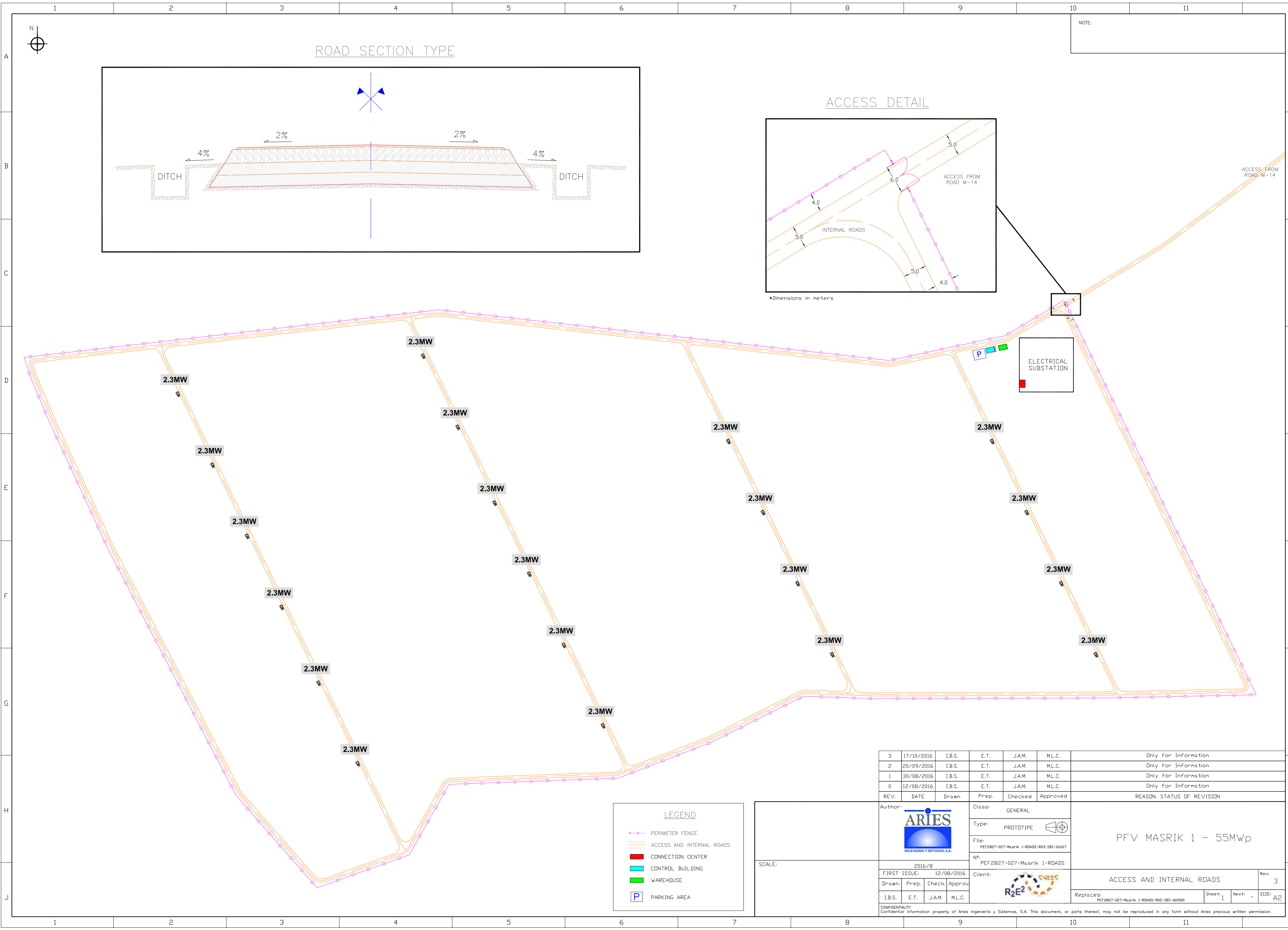
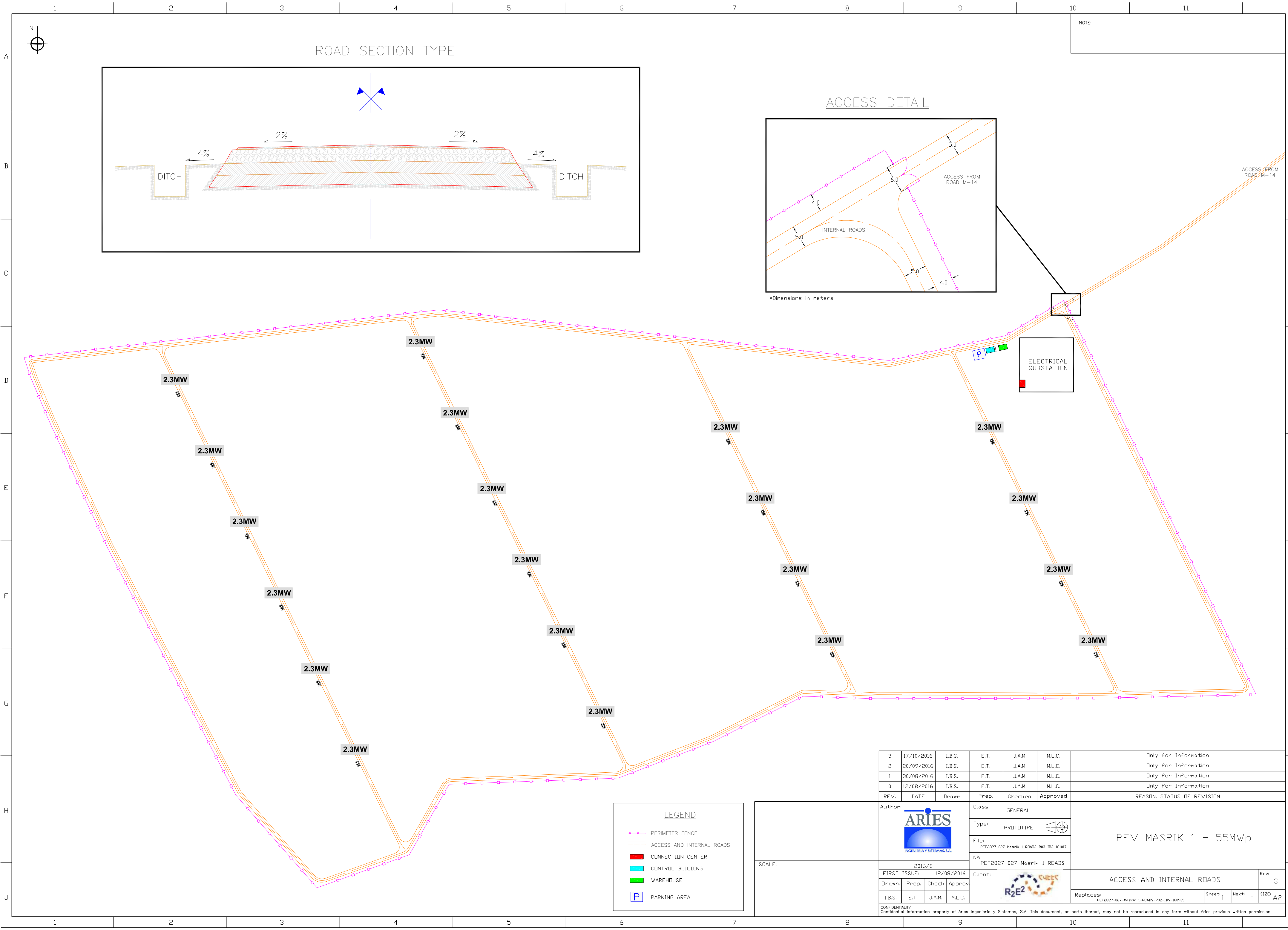
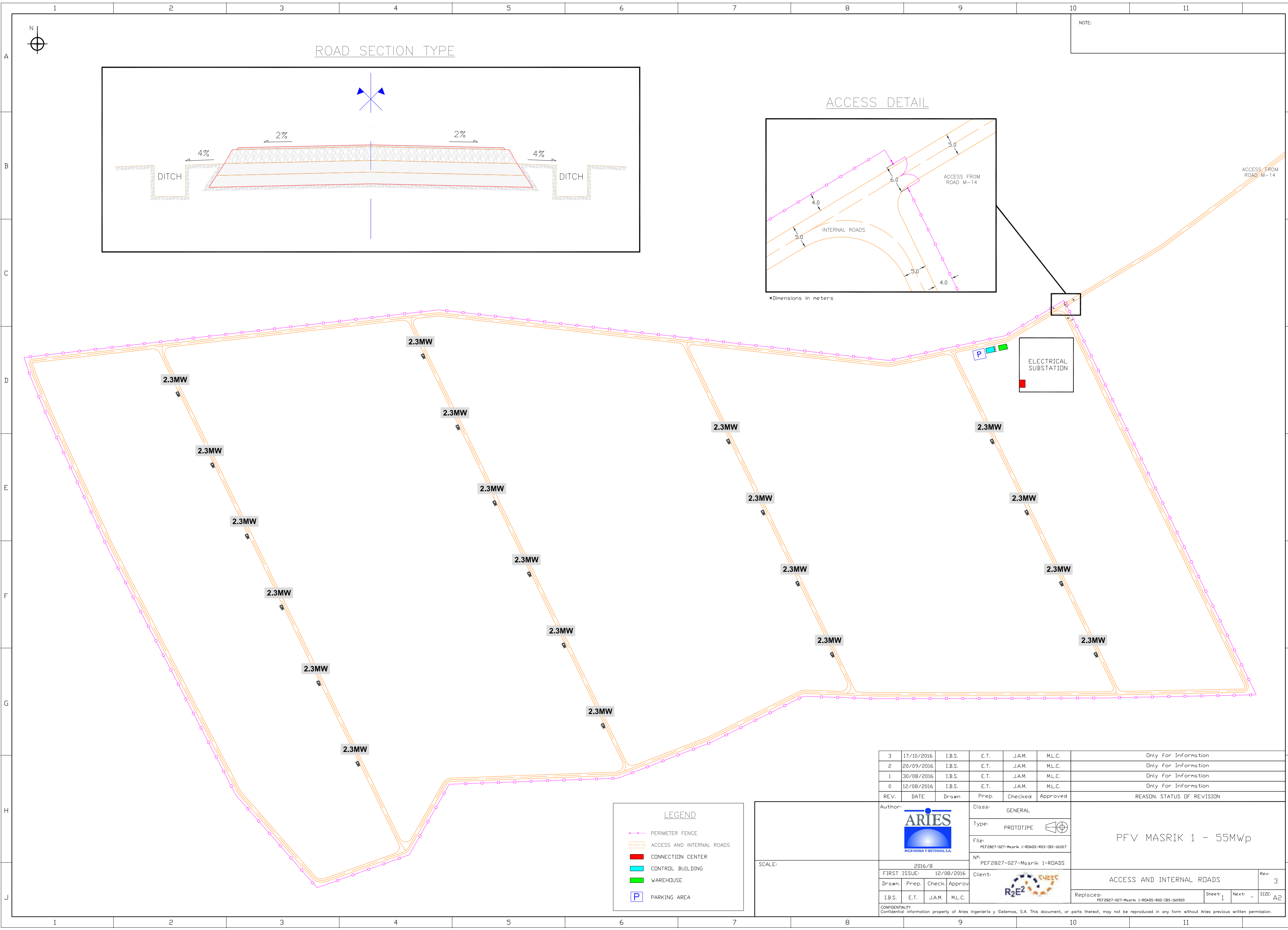
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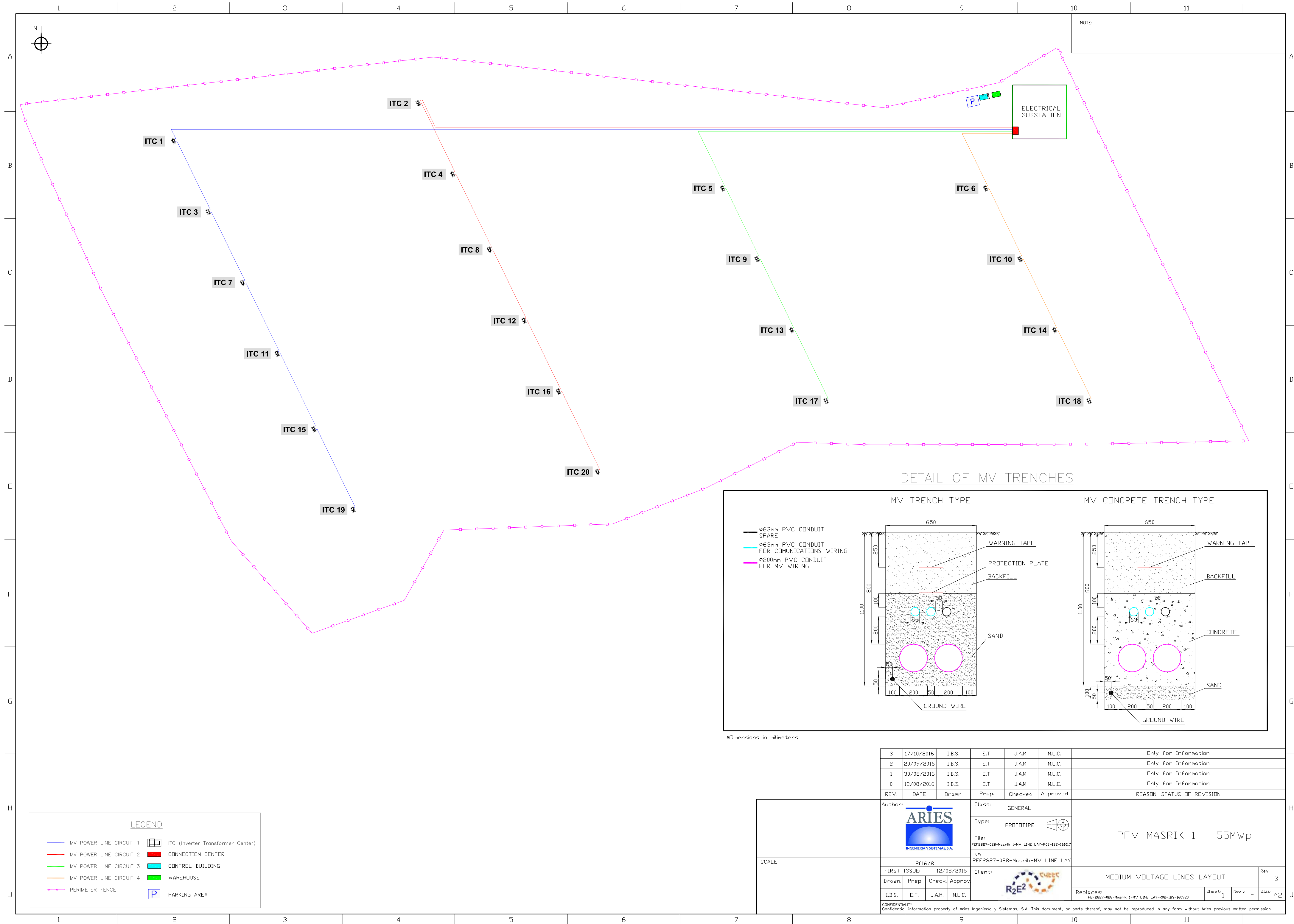
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REV.	DATE	Drawn	Prep.	Checked	Approved	REASON, STATUS OF REVISION		
<div>Author:</div> <div></div> <div>INGENIERIA Y SISTEMAS, S.A.</div>			Class:		PFV MASRIK 1 - 55Mwp			
			Type:					
			File:					
			Nº:					
2016/8			GENERAL					
FIRST ISSUE:			12/08/2016					
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Replaces:						Sheet:	Next:	SIZE:
PEF2827-029-Masrik 1-LDC-R00-IBS-160812						1	-	A2
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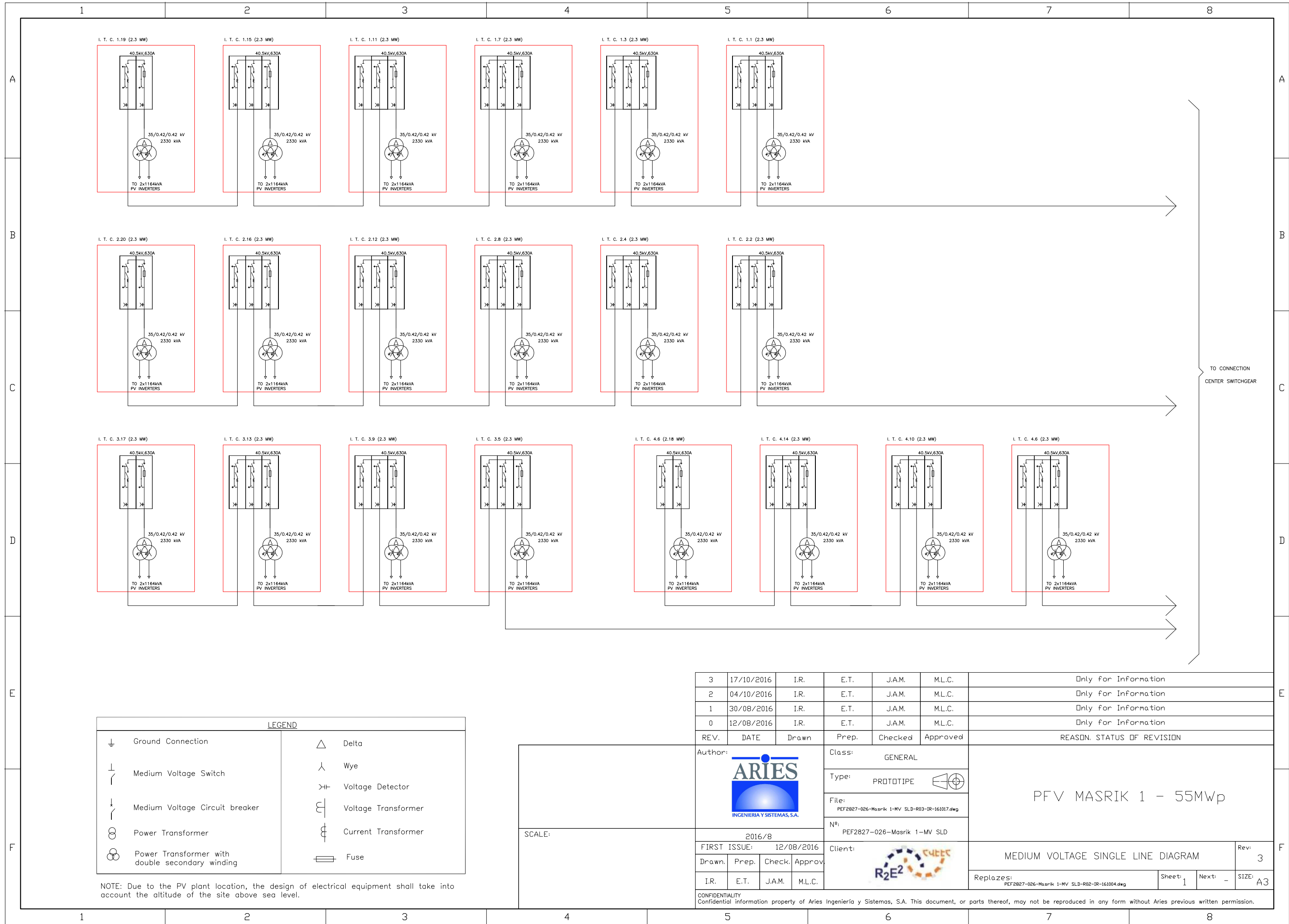


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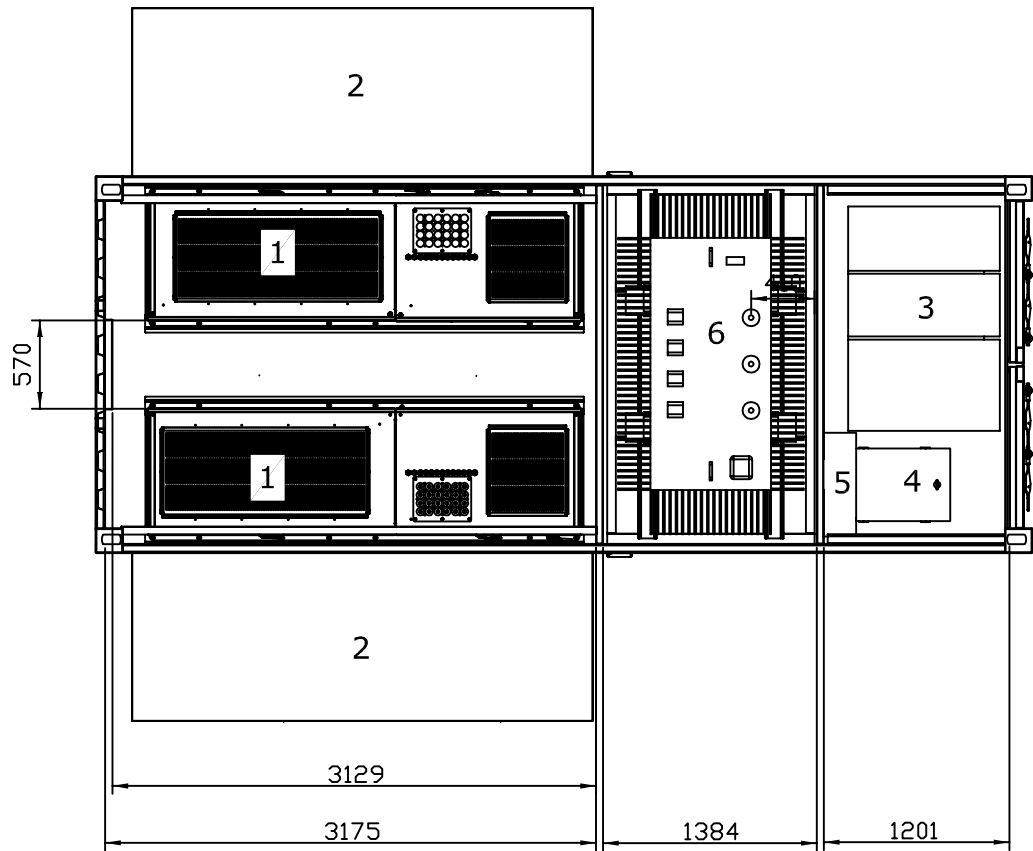
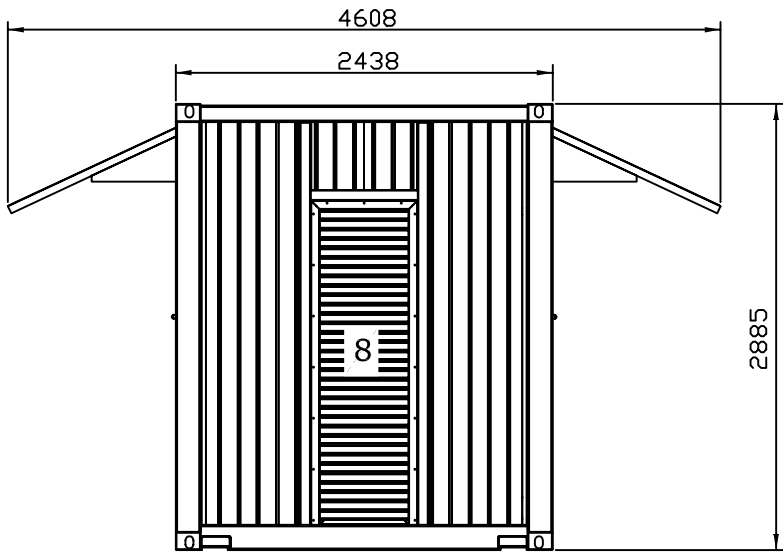
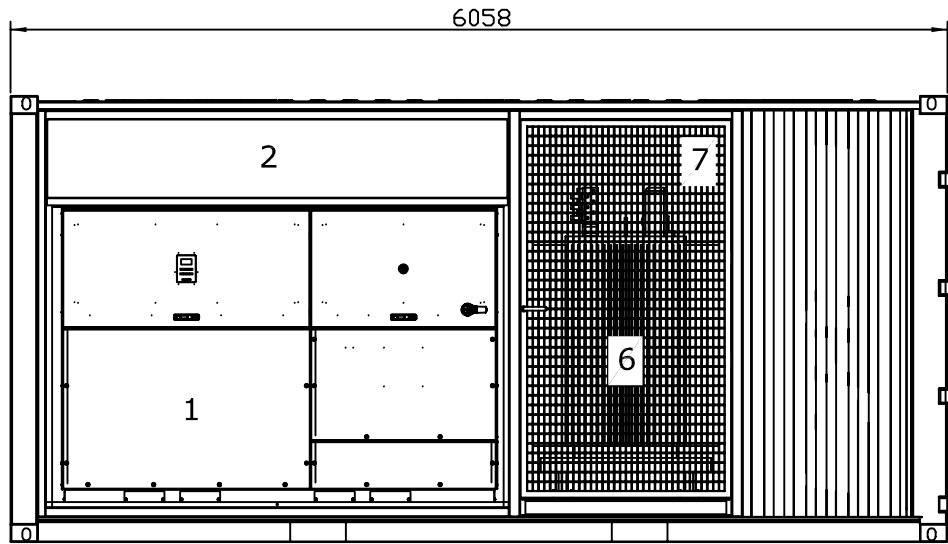
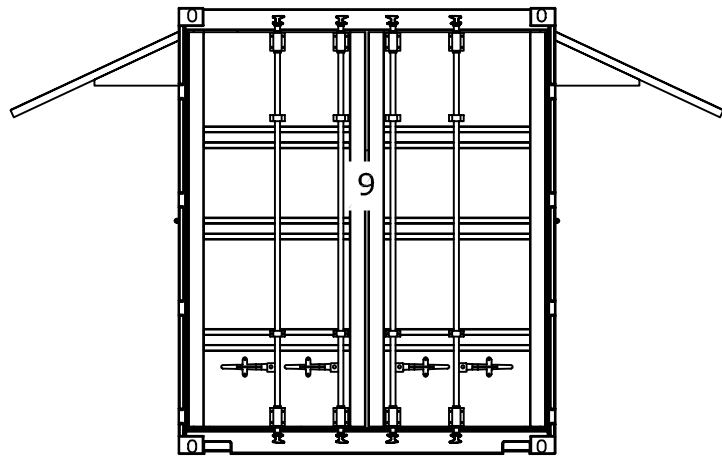
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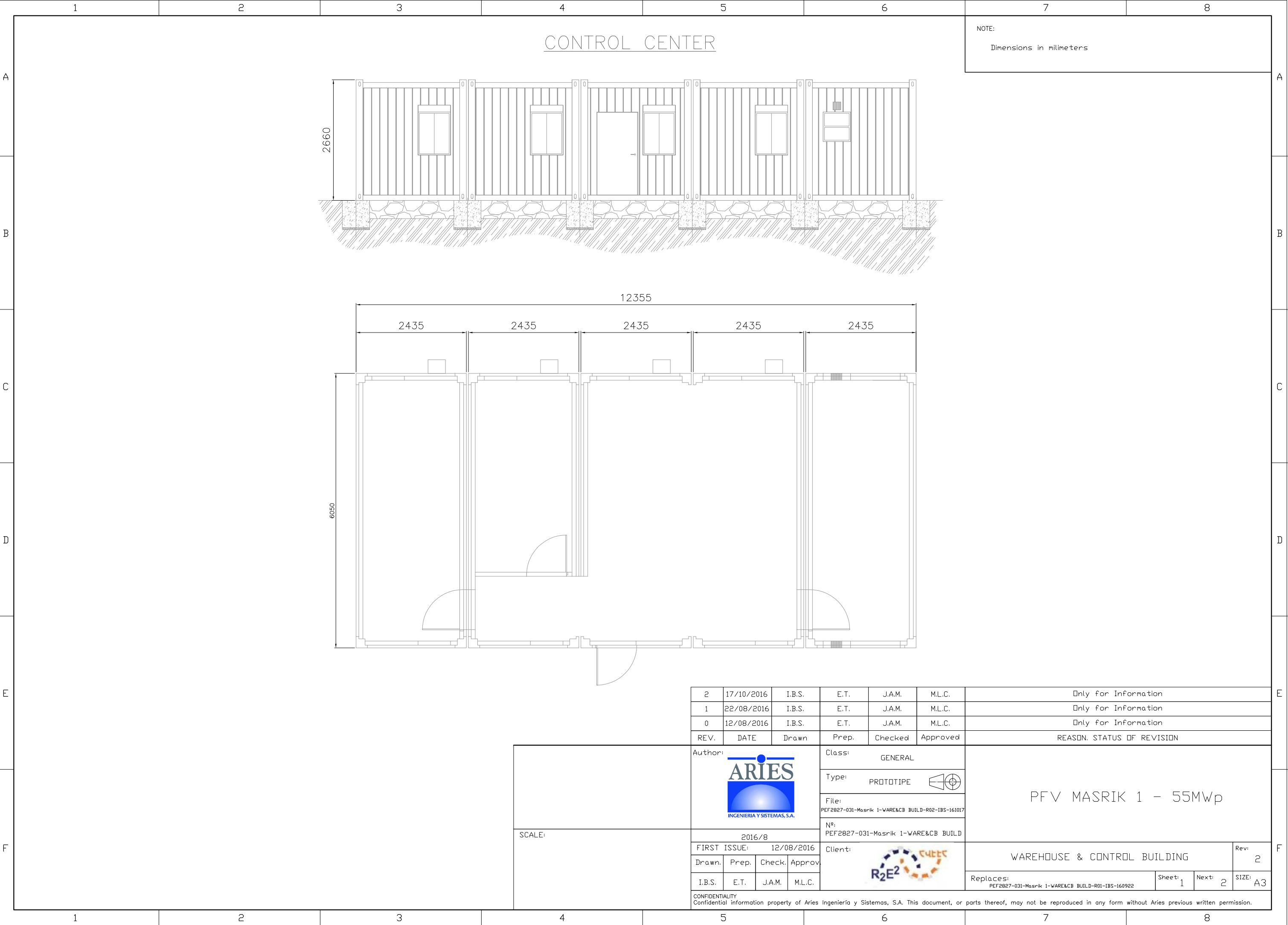
INVERTER TRANSFORMER CENTER – 2,3MW

NOTE:
Dimensions in millimeters



- ① INVERTER
- ② PROTECTIVE SCREEN
- ③ HV SWITCHGEAR
- ④ AUXILIAR TRANSFORMER UPTO 50 KVA
- ⑤ CONTROLGEAR AND COMMUNICATIONS PANEL
- ⑥ ITC POWER TRANSFORMER
UP TO 2330 KVA
DOUBLE SECONDARY
MAX DIMENSIONS 2200x1200x2000
(LENGTH x WIDTH x HIGH)
- ⑦ PROTECTIVE METAL GRID IP21
DIMENSION WAY 3470 x 2452
- ⑧ AIR EXHAUST GRILLE
- ⑨ DOUBLE STANDARD DOOR
DIMENSIONS WAY 2330x2570

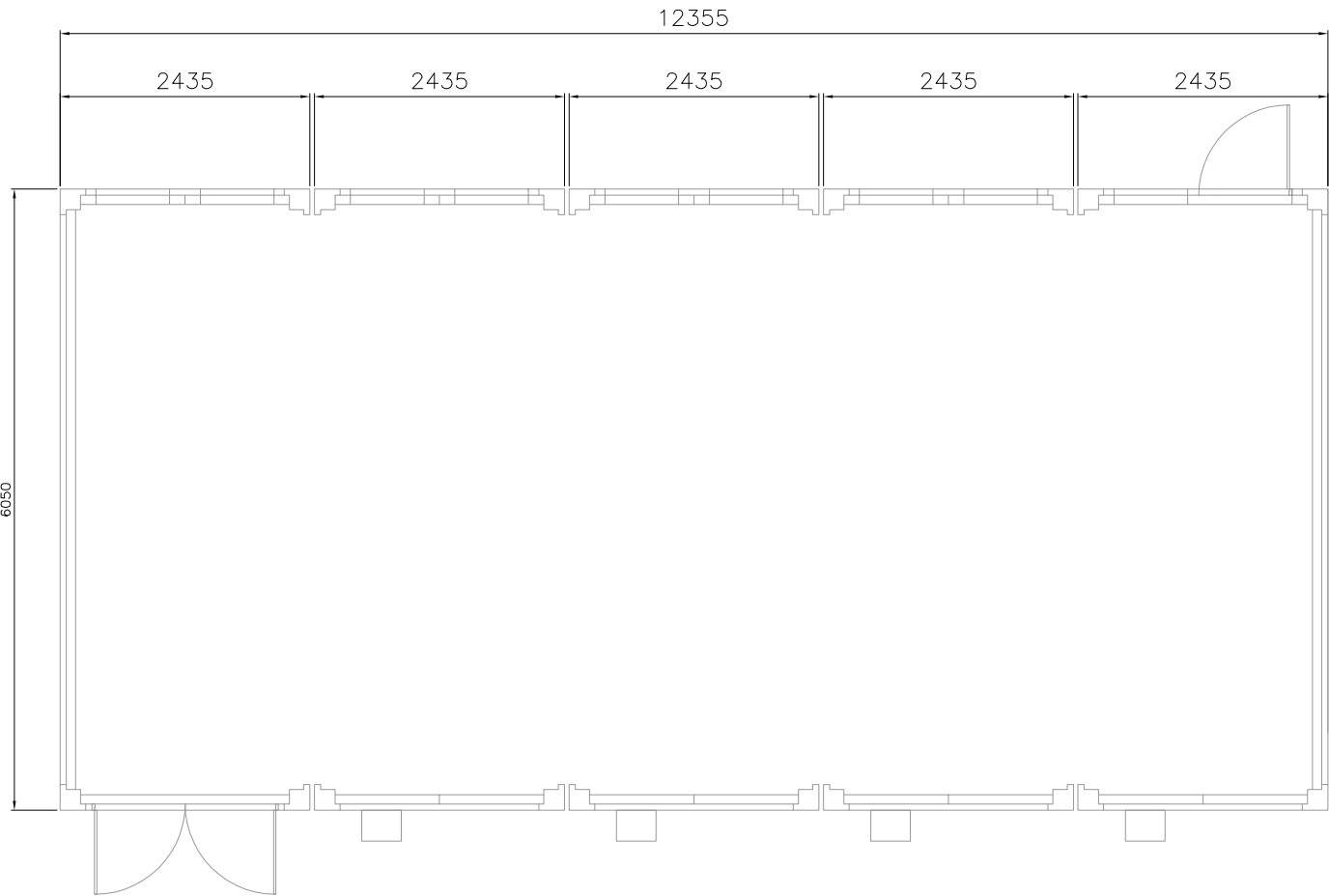
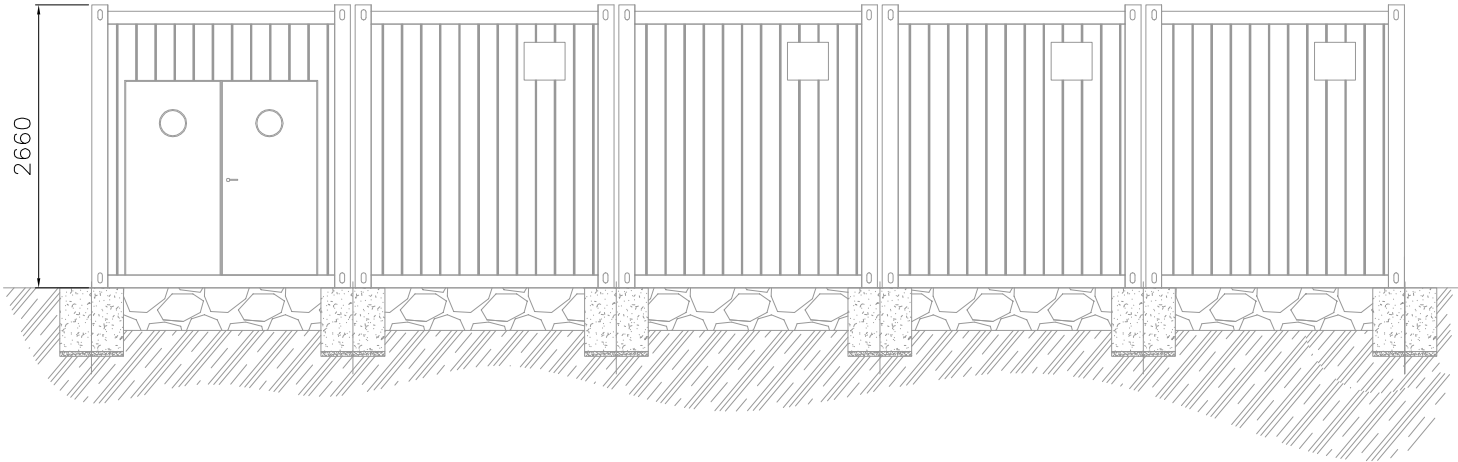
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<div>Author:</div> <div></div>						PFV MASRIK 1 - 55MWp									
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											Type: PROTOTYPE 				
											File: PEF2827-031-Masrik 1-ITC BUILD-R00-IBS-160812				
2011/12345678						Nº: PEF2827-031-Masrik 1-ITC BUILD									
FIRST ISSUE: 12/08/2016						INVERTER TRANSFORMER CENTER BUILDING									
Client: 															
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WAREHOUSE

NOTE:

Dimensions in millimeters

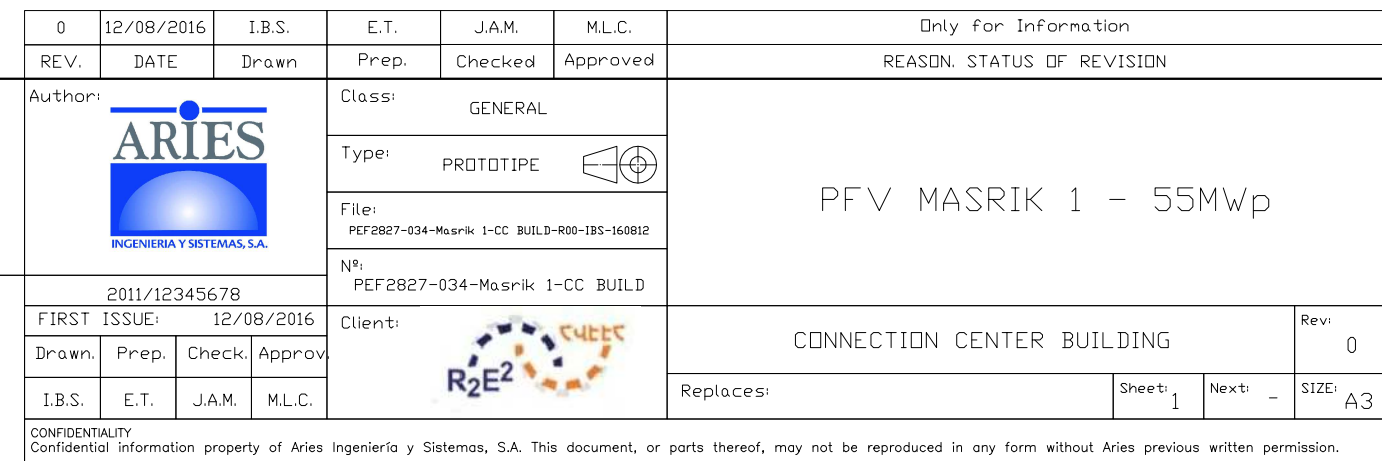
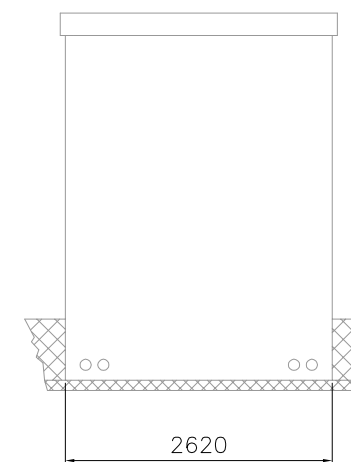
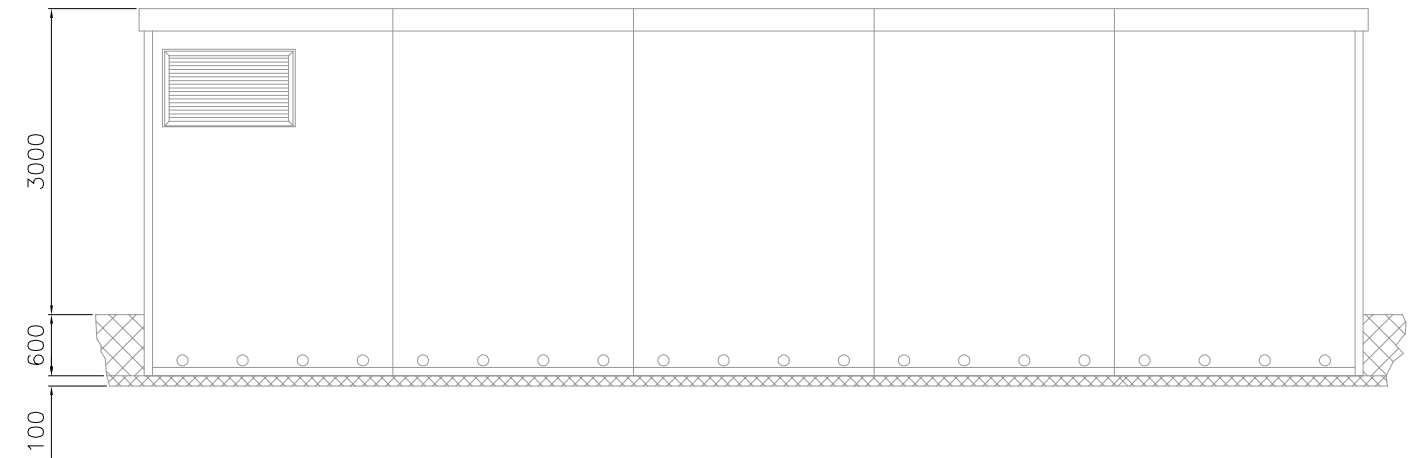


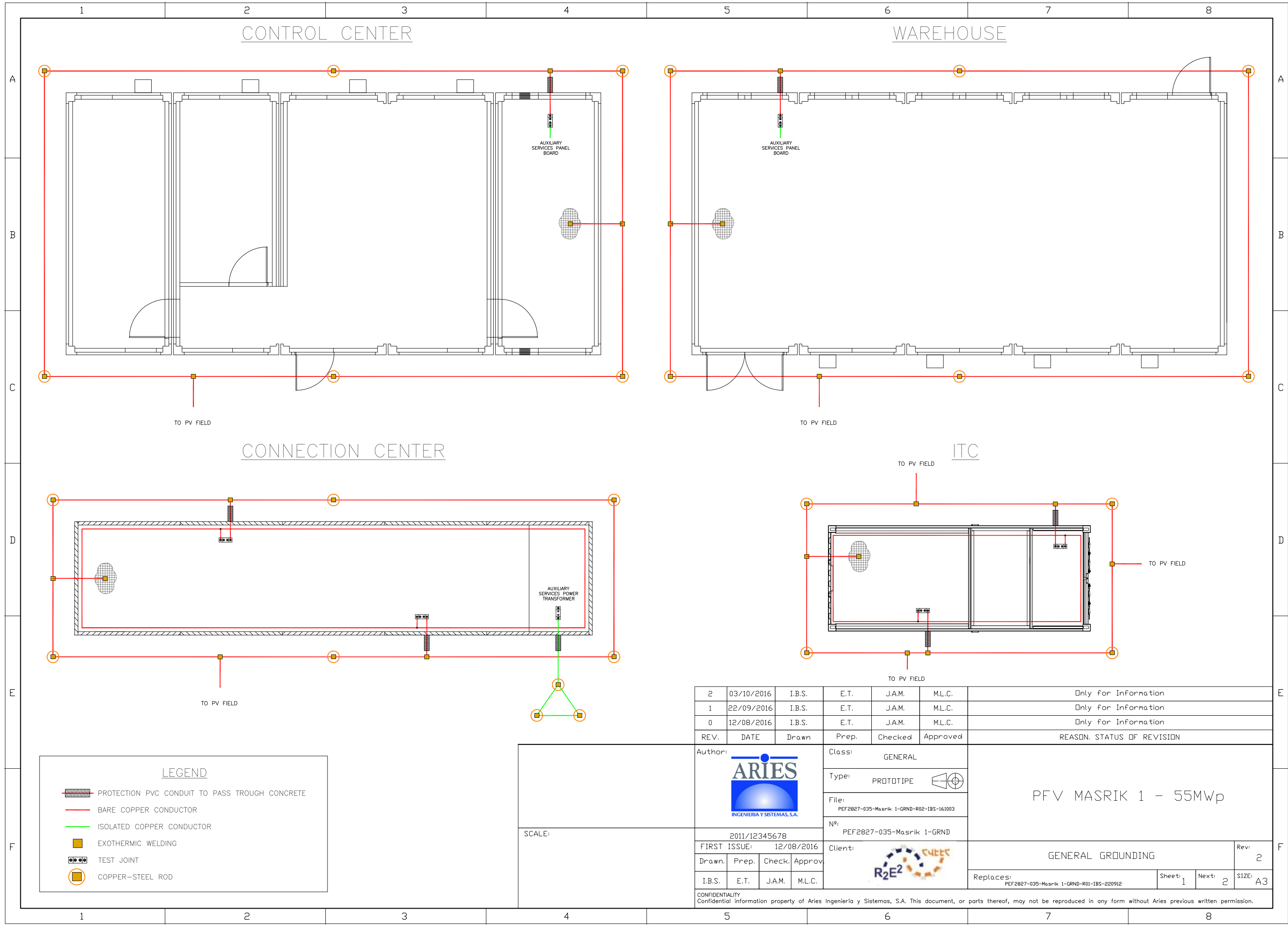
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Author:  INGENIERIA Y SISTEMAS, S.A.			Class: GENERAL			PFV MASRIK 1 - 55MWp
			Type: PROTOTIPE 			
			File: PEF2827-031-Masrik 1-WARE&CB BUILD-R02-IBS-161017			
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2016/8			Client: 			WAREHOUSE & CONTROL BUILDING <div>Rev: 2</div>
FIRST ISSUE: 12/08/2016			Replaces: PEF2827-031-Masrik 1-WARE&CB BUILD-R01-IBS-160922 <div>Sheet: 2 Next: - SIZE: A3</div>			
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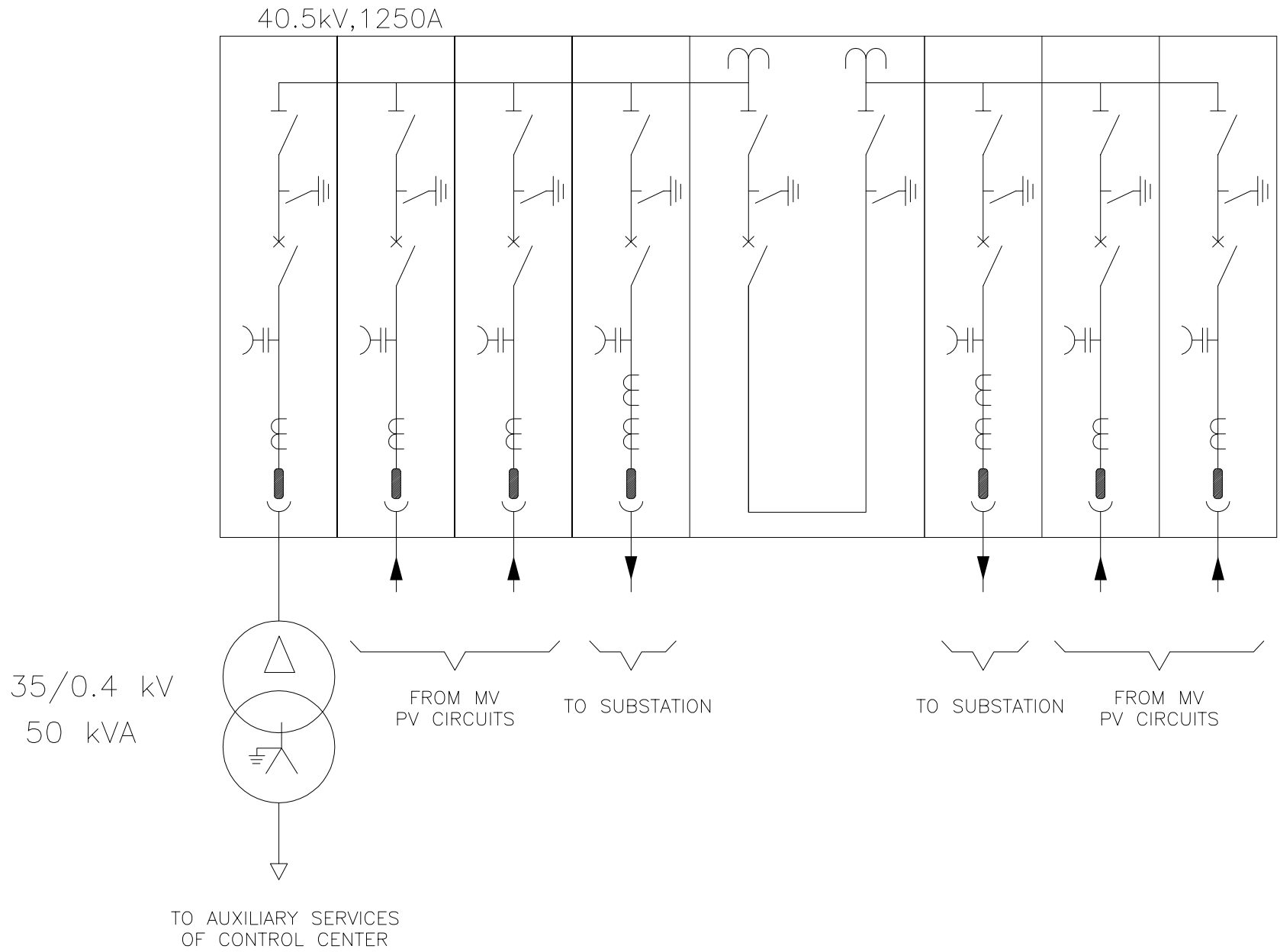
NOTE:

Dimensions in millimeters







CONNECTION CENTER SWITCHGEAR

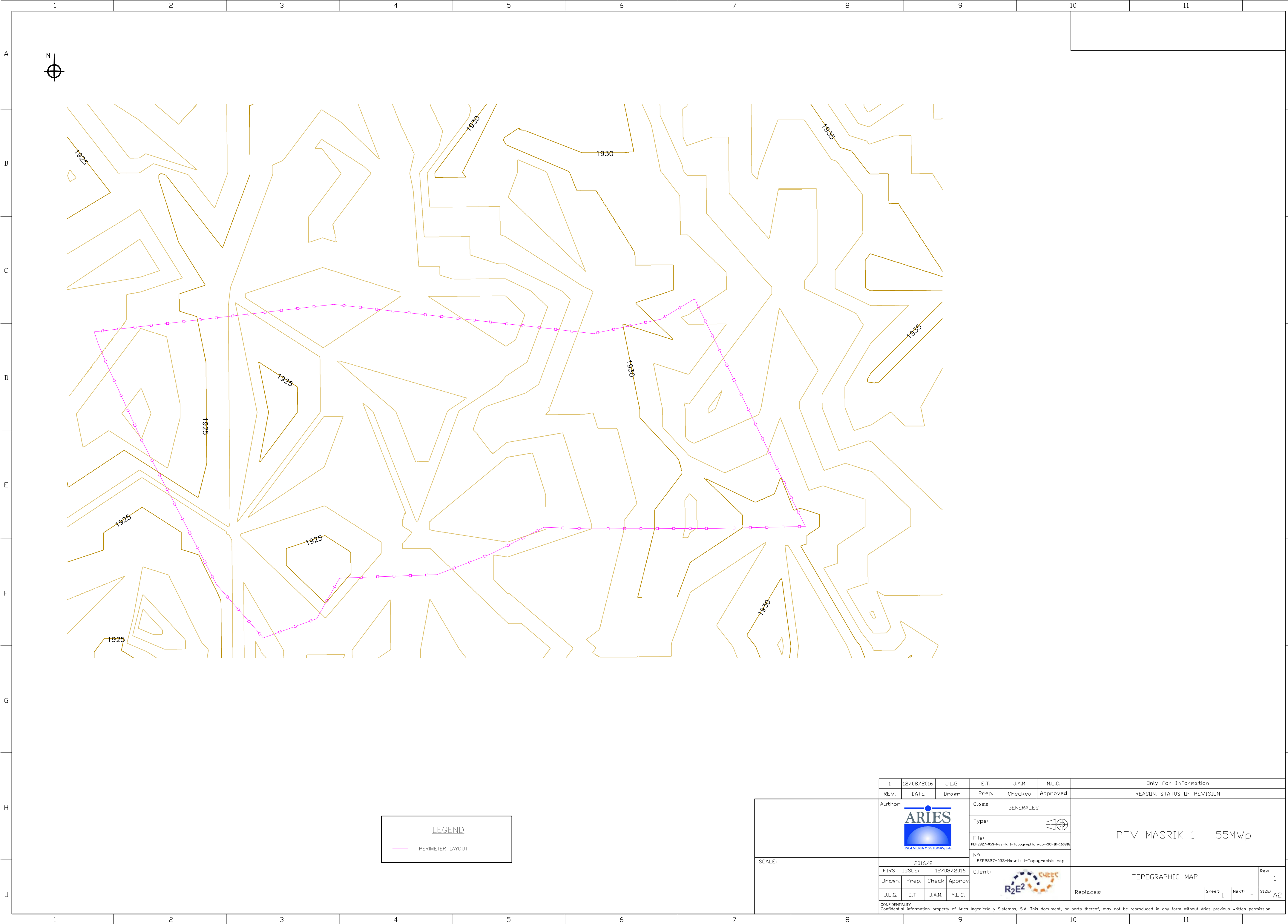


LEGEND

	Ground Connection		Delta
	Medium Voltage Switch		Wye
	Medium Voltage Circuit breaker		Voltage Detector
	Power Transformer		Voltage Transformer
			Current Transformer

NOTE: Due to the PV plant location, the design of electrical equipment shall take into account the altitude of the site above sea level.



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<div>Author:</div> <div></div> <div>2011/12345678</div>			Class:		PFV MASRIK 1 - 55MWp			
			Type:					
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			Nº:					
FIRST ISSUE: 12/08/2016			Client:		INTERCONNECTION SINGLE LINE DIAGRAM	Rev: 2		
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LEGEND

PERIMETER LAYOUT

SCALE:

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