

A

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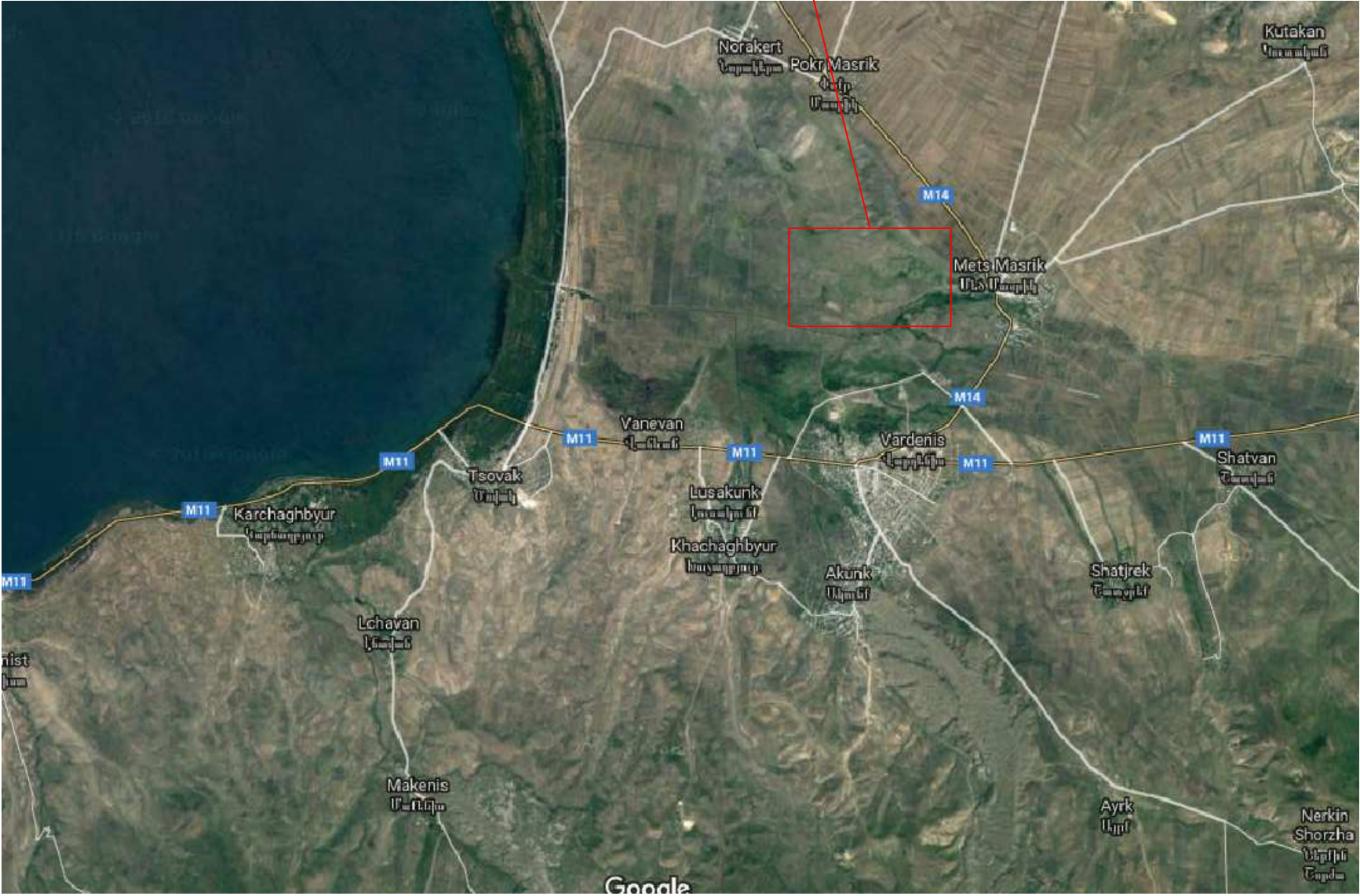
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

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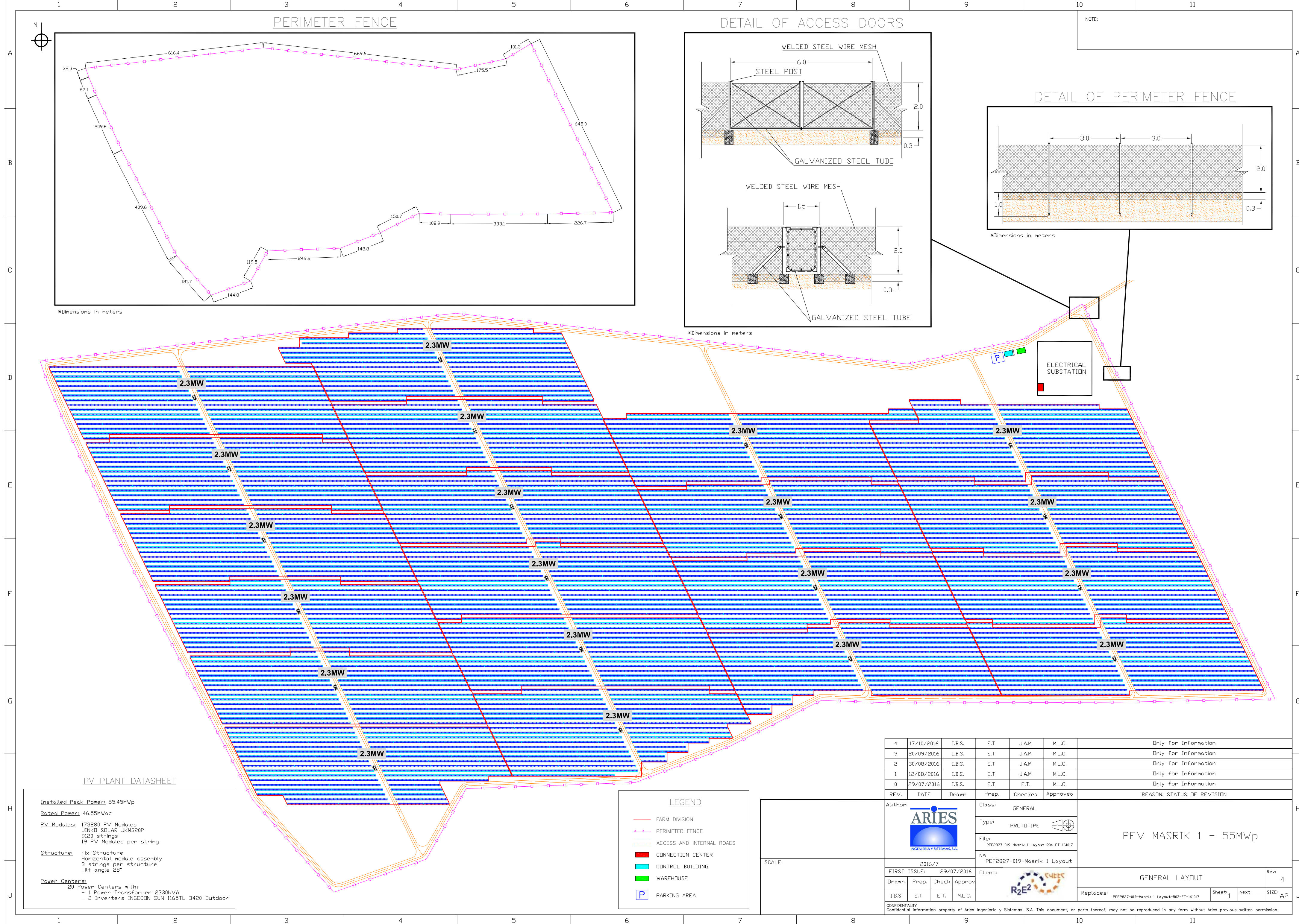


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<div>Author:</div> <div></div> <div>INGENIERIA Y SISTEMAS, S.A.</div>						Class: GENERAL						PFV MASRIK 1 - 55MWp									
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2016/8						Nº:															
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

PERIMETER FENCE

DETAIL OF ACCESS DOORS

DETAIL OF PERIMETER FENCE

PV PLANT DATASHEET

LEGEND

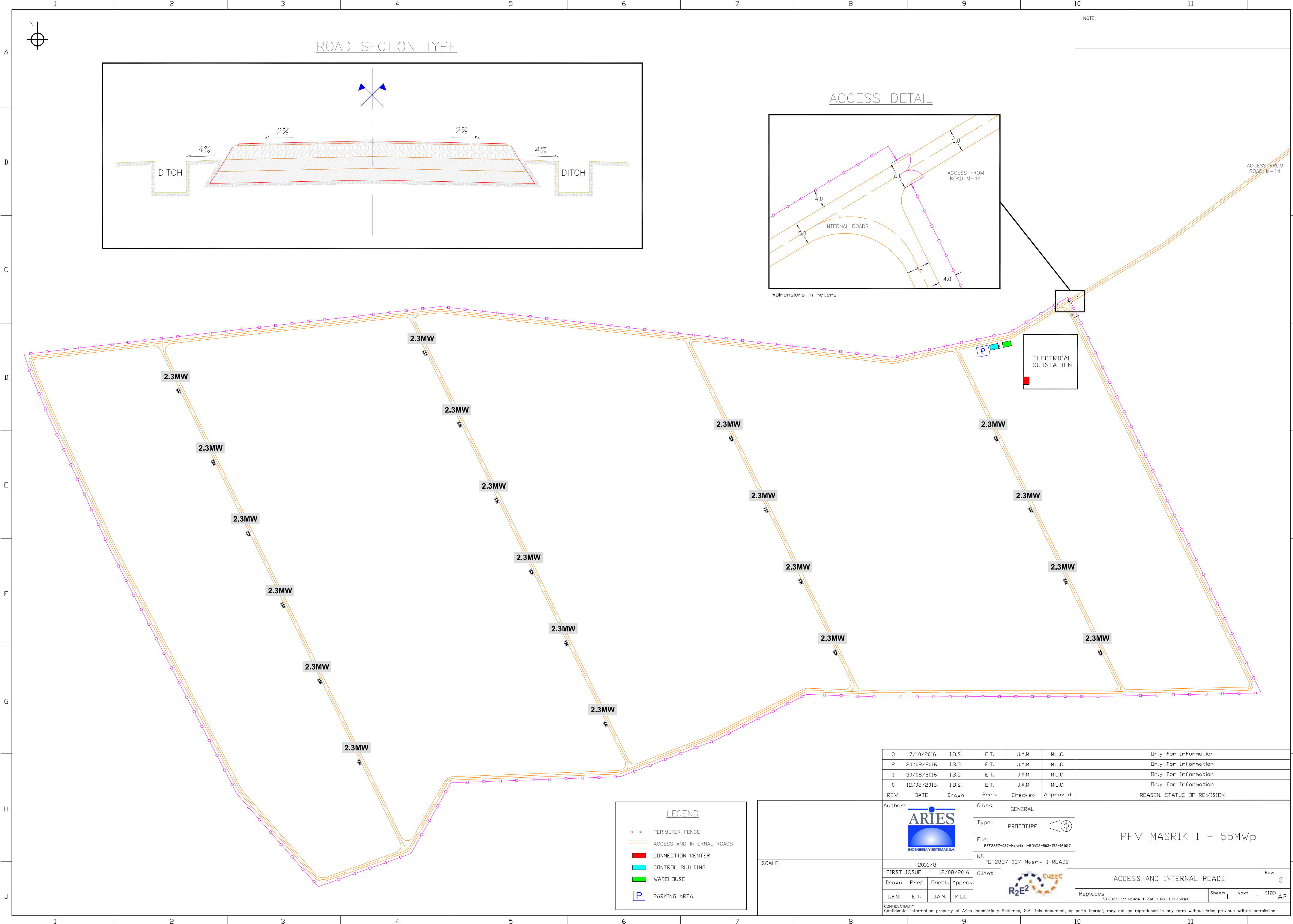
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Author:  INGENIERIA Y SISTEMAS, S.A.						Class: GENERAL
2016/7						Type: PROTOTYPE 
FIRST ISSUE: 29/07/2016						File: PEF2827-019-Masrik 1 Layout-R04-ET-161017
Drawn: Prep. Check. Approv.						Nº: PEF2827-019-Masrik 1 Layout
I.B.S. E.T. E.T. M.L.C.						Client: 
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PFV MASRIK 1 - 55MWp

GENERAL LAYOUT







1 2 3 4 5 6 7 8 9 10 11

A

B

C

D

E

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G

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J

1 2 3 4 5 6 7 8 9 10 11

NOTE:

ROAD SECTION TYPE

ACCESS DETAIL

PERIMETER FENCE

ACCESS AND INTERNAL ROADS

CONNECTION CENTER

CONTROL BUILDING

WAREHOUSE

PARKING AREA

2.3MW

ELECTRICAL SUBSTATION

ACCESS FROM ROAD M-14

INTERNAL ROADS

\*Dimensions in meters

3	17/10/2016	I.B.S.	E.T.	J.A.M.	M.L.C.	Only for Information
2	20/09/2016	I.B.S.	E.T.	J.A.M.	M.L.C.	Only for Information
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Class:

GENERAL

Type:

PROTOTYPE

File:

PEF2827-027-Masrik 1-ROADS-R02-1BS-161017

Nº:

PEF2827-027-Masrik 1-ROADS

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R2E2

2016/8

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M.L.C.

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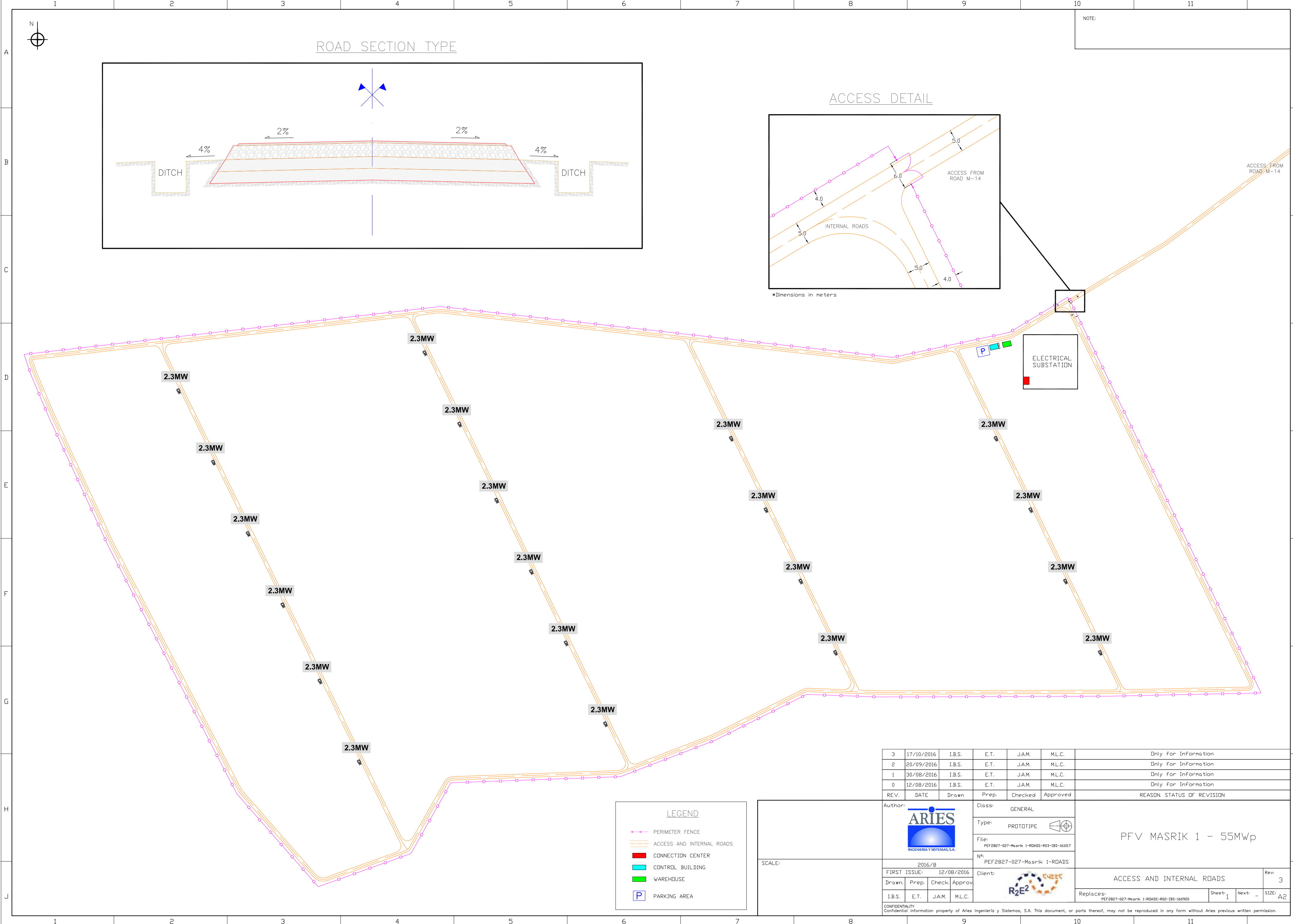
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ACCESS AND INTERNAL ROADS

PFV MASRIK 1 - 55MWp

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1 2 3 4 5 6 7 8 9 10 11

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1 2 3 4 5 6 7 8 9 10 11

NOTE:

ROAD SECTION TYPE

ACCESS DETAIL

PERIMETER FENCE

ACCESS AND INTERNAL ROADS

CONNECTION CENTER

CONTROL BUILDING

WAREHOUSE

PARKING AREA

2.3MW

ELECTRICAL SUBSTATION

ACCESS FROM ROAD M-14

INTERNAL ROADS

\*Dimensions in meters

REV.	DATE	Drawn	Prep.	Checked	Approved	REASON. STATUS OF REVISION
3	17/10/2016	I.B.S.	E.T.	J.A.M.	M.L.C.	Only for Information
2	20/09/2016	I.B.S.	E.T.	J.A.M.	M.L.C.	Only for Information
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PFV MASRIK 1 - 55MWp

ACCESS AND INTERNAL ROADS

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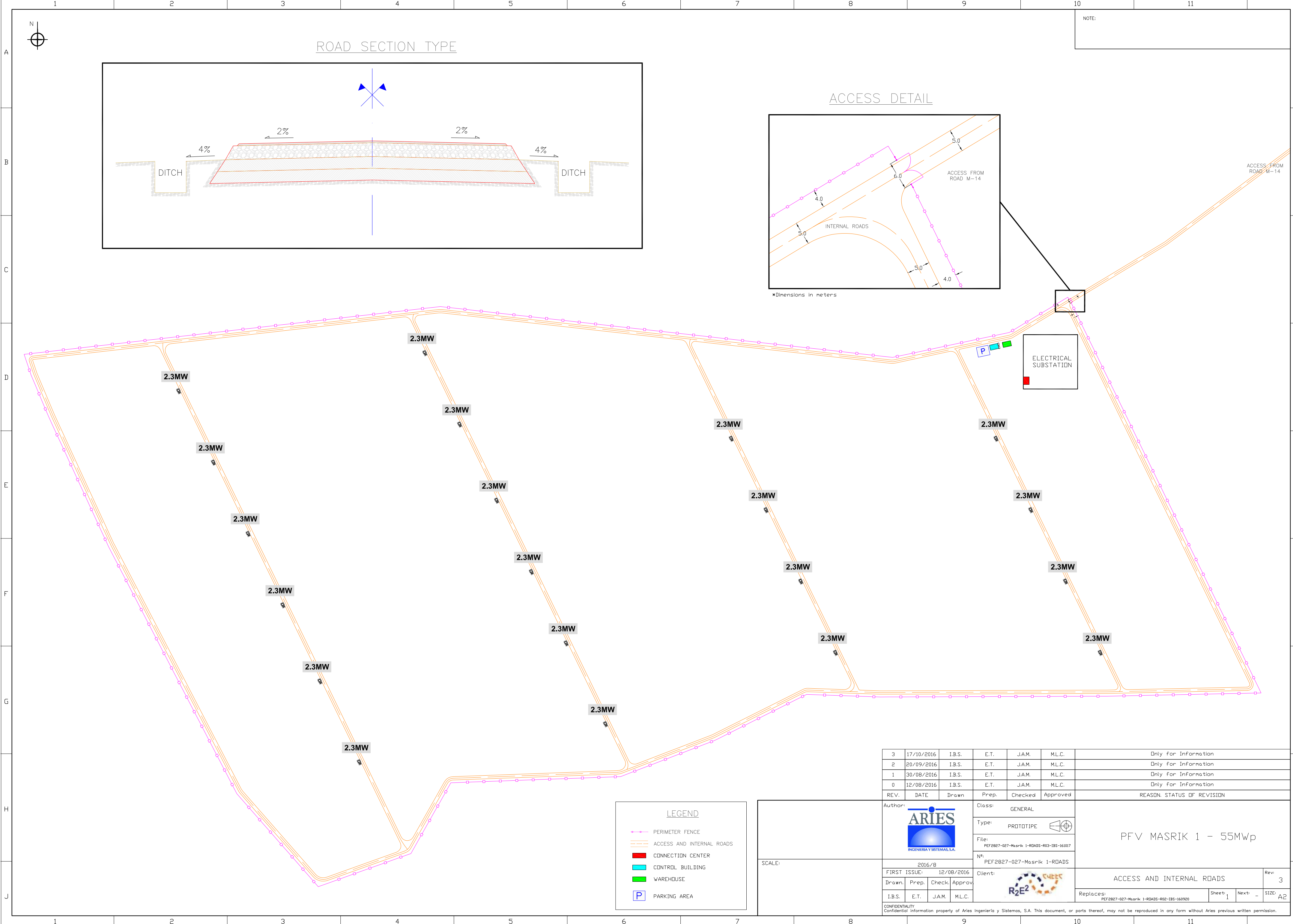
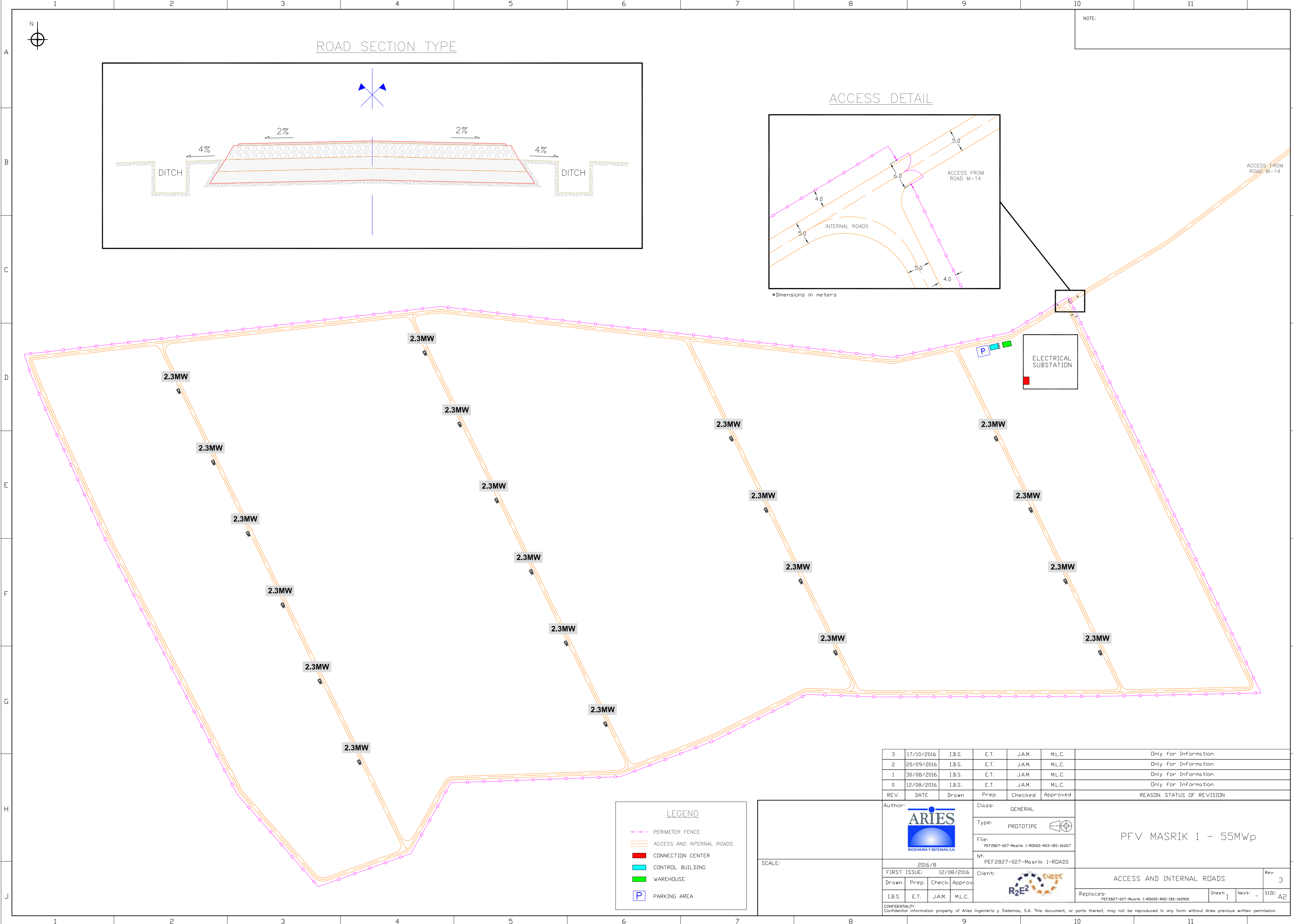
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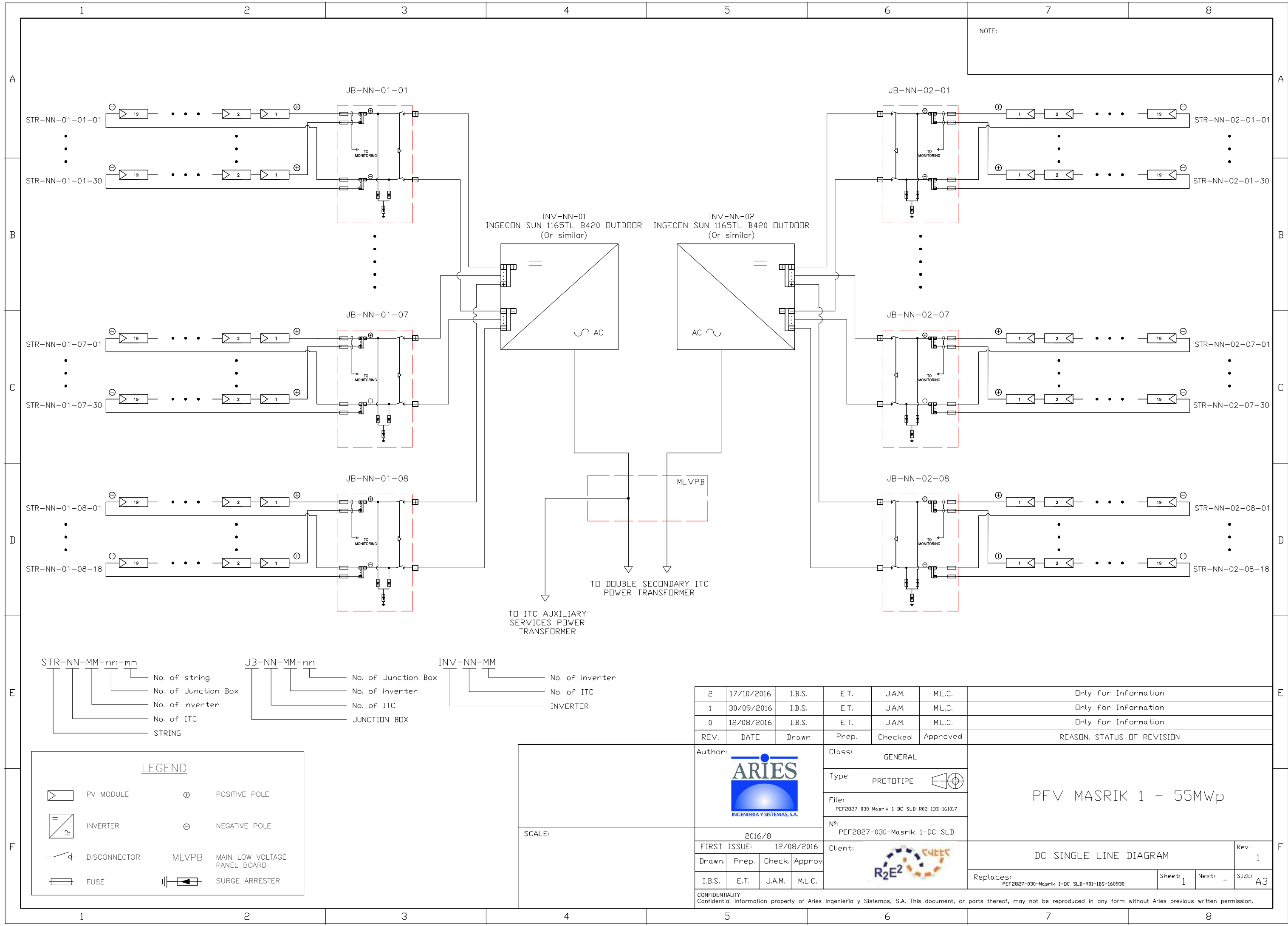
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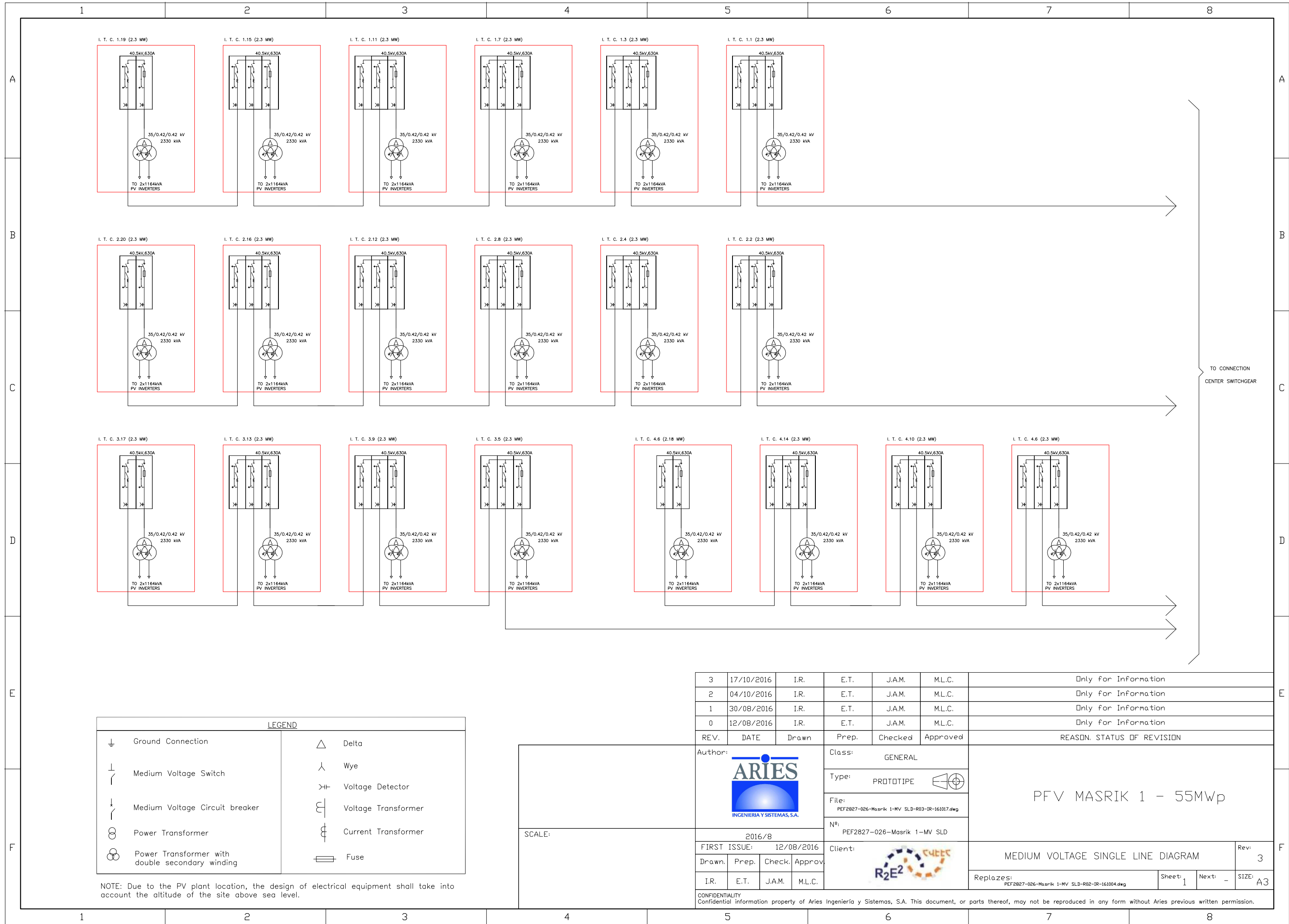
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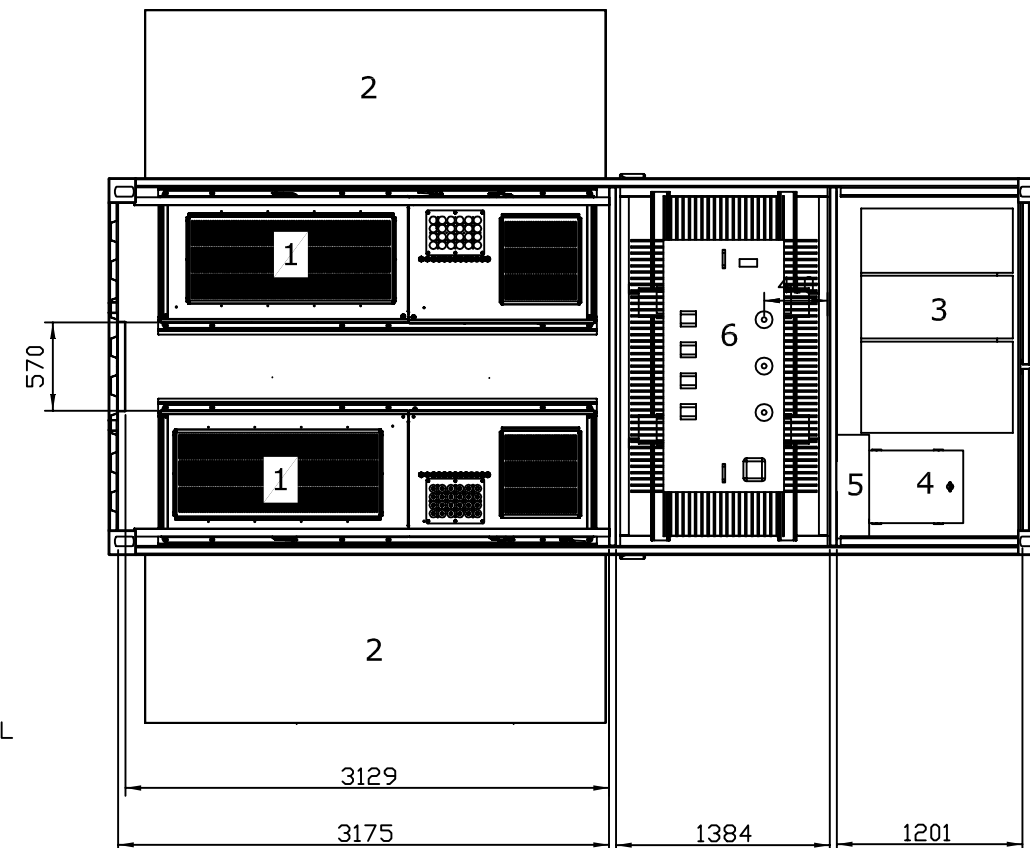
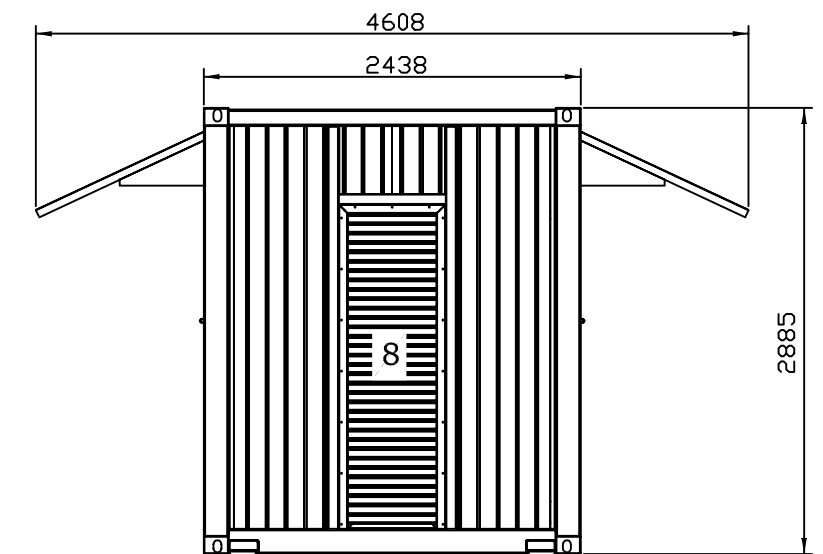
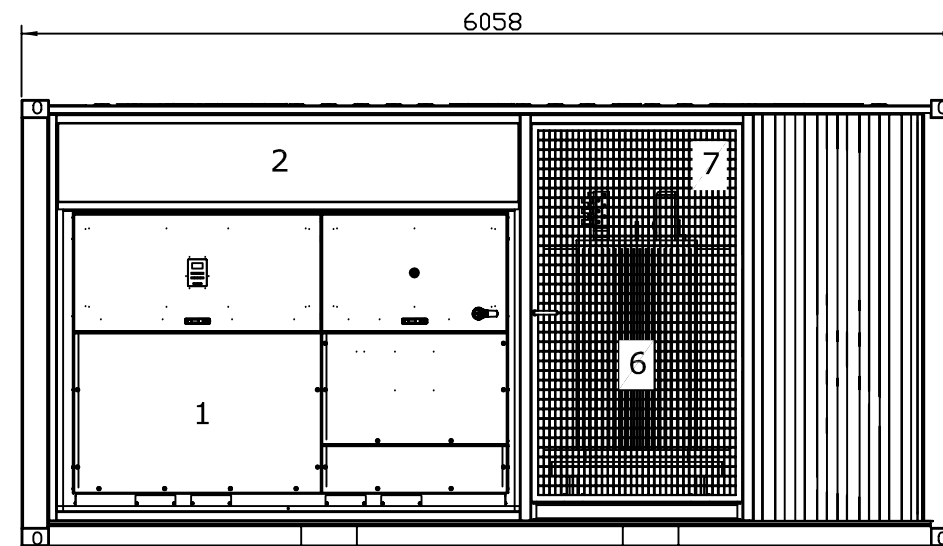
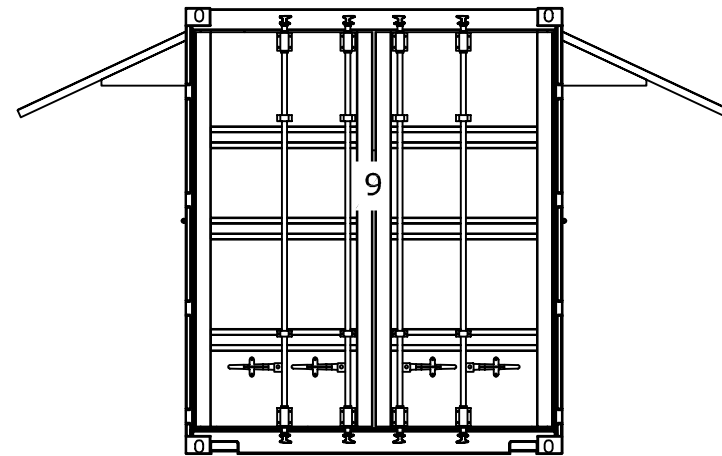









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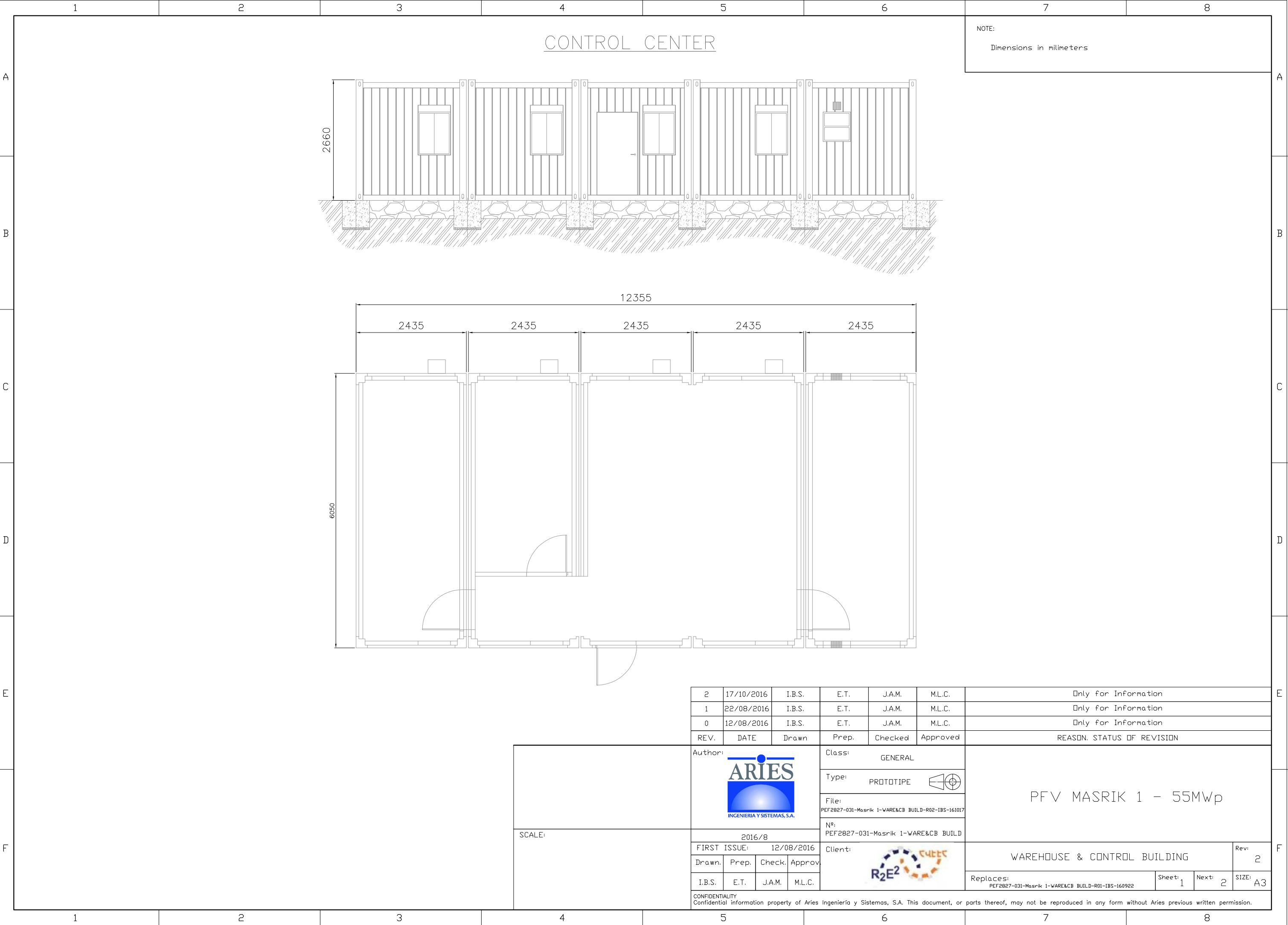
Dimensions in millimeters



- 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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				Nº:				PEF2827-031-Masrik 1-ITC BUILD					
2011/12345678				FIRST ISSUE:				12/08/2016		<div>Client:</div> <div></div>			
Drawn.	Prep.	Check.	Approv.	INVERTER TRANSFORMER CENTER BUILDING				Rev:				0	
I.B.S.	E.T.	J.A.M.	M.L.C.	Replaces:				Sheet:	1			Next:	-
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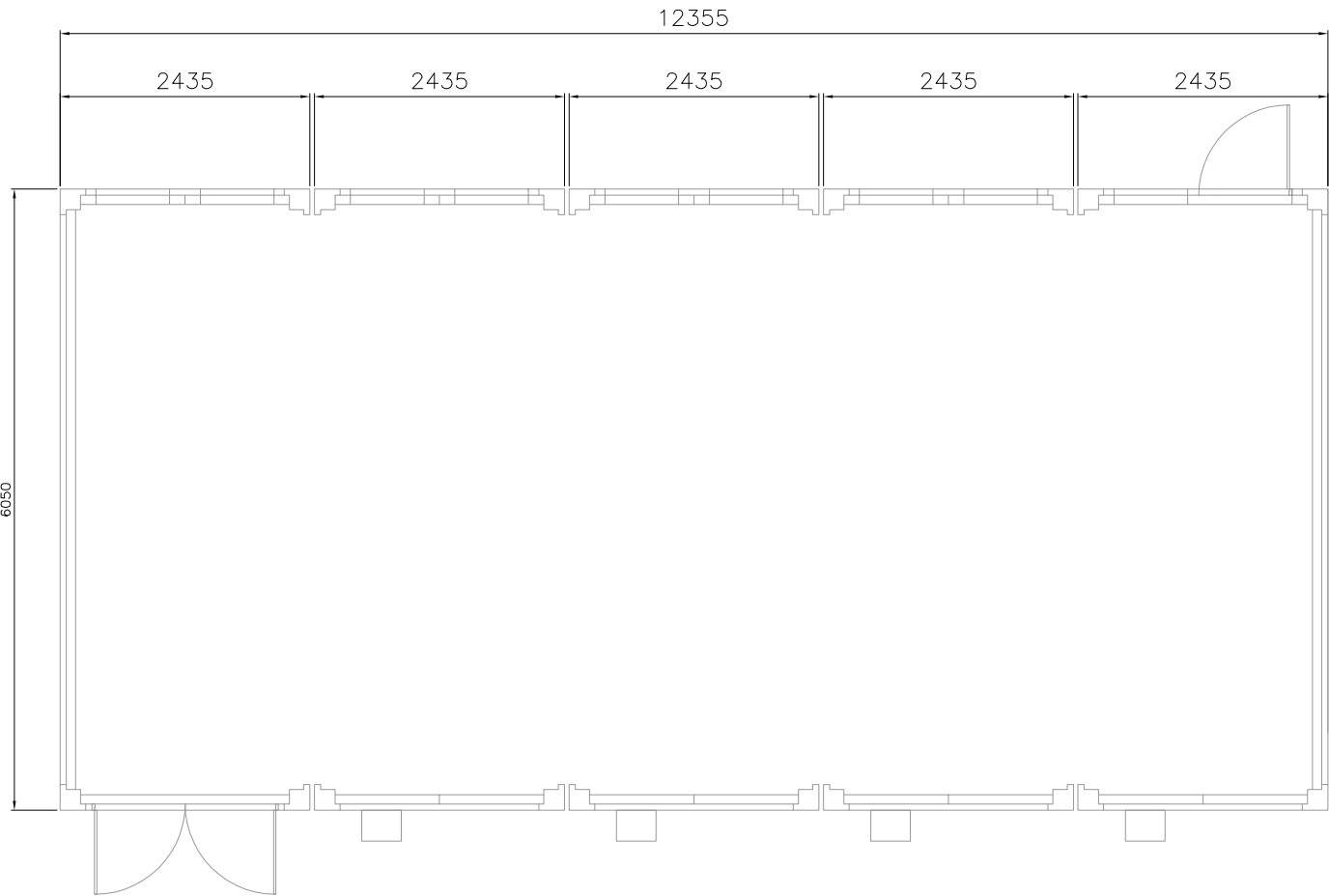
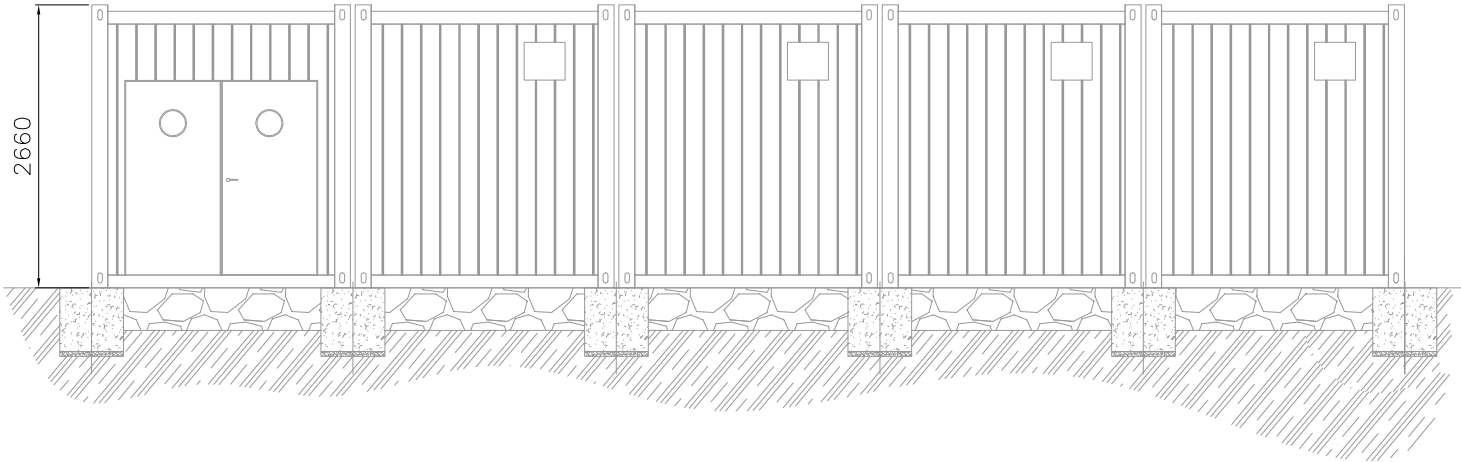







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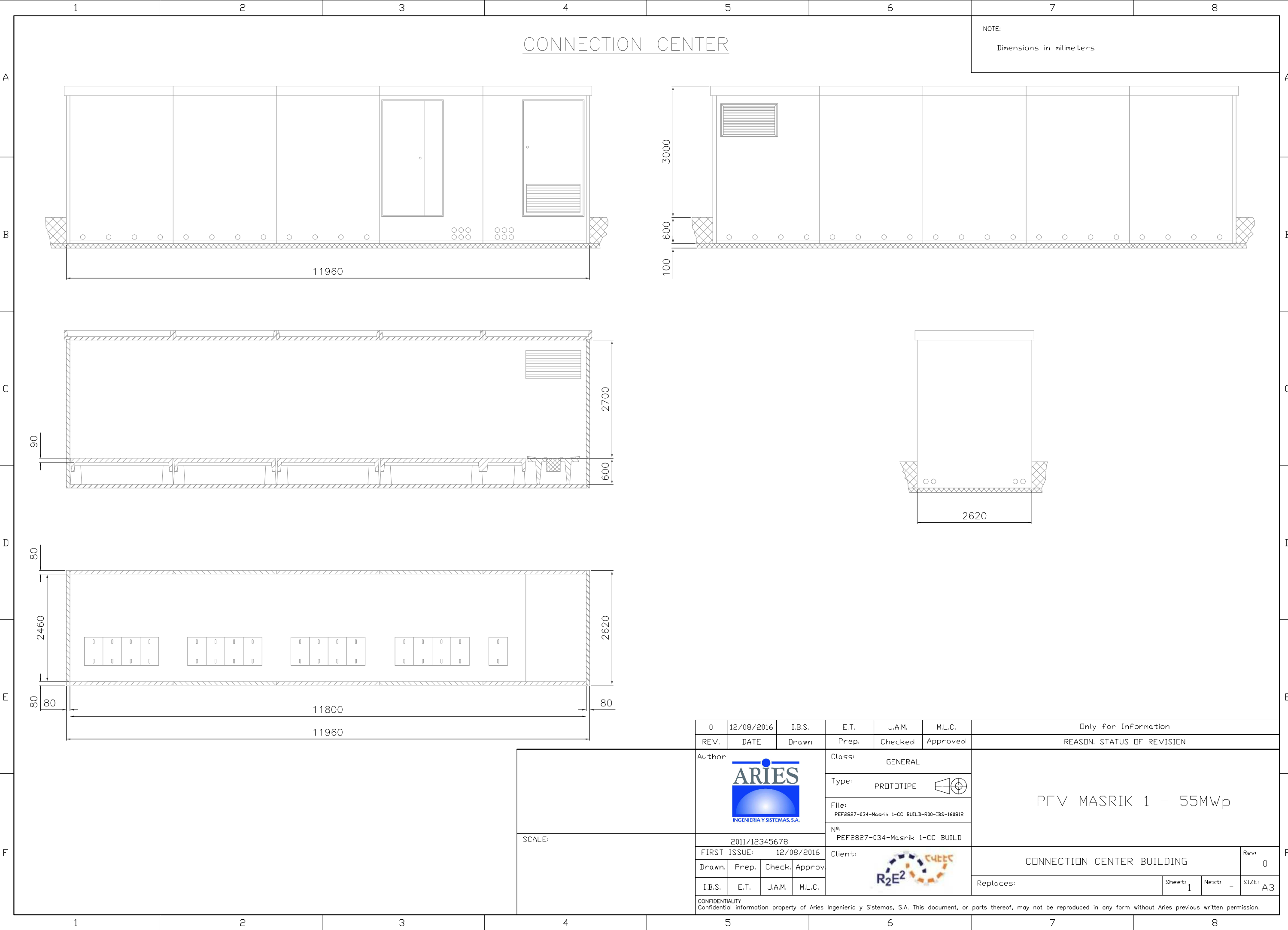
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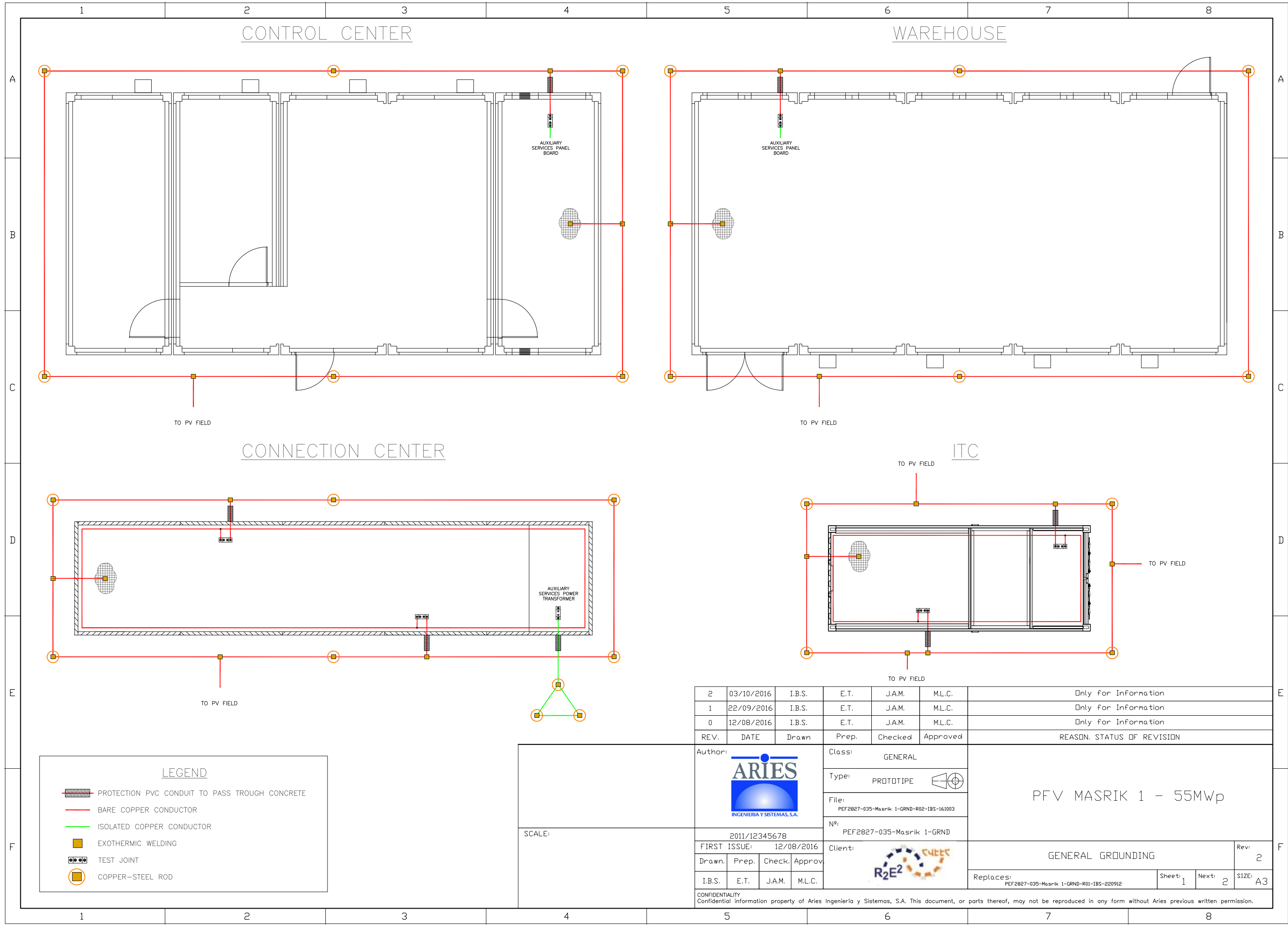
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			File:		PEF2827-031-Masrik 1-WARE&CB BUILD-R02-IBS-161017						
			Nº:		PEF2827-031-Masrik 1-WARE&CB BUILD						
2016/8			FIRST ISSUE:		12/08/2016	WAREHOUSE & CONTROL BUILDING	Rev:	2			
Drawn.	Prep.	Check.	Approv.	Client:							
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NOTE:  
Dimensions in millimeters

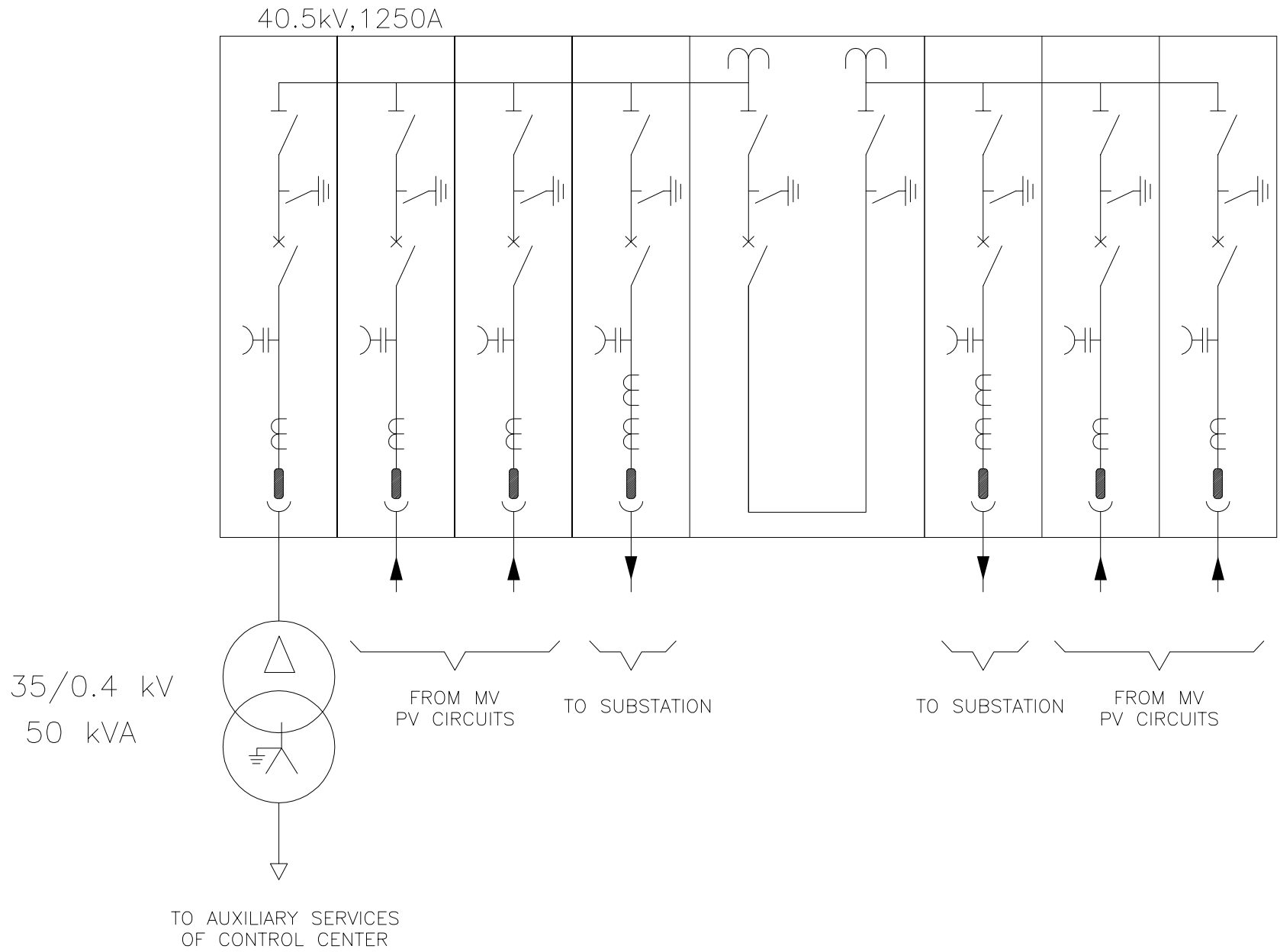
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2011/12345678										CONNECTION CENTER BUILDING						Rev: 0							
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CONNECTION CENTER SWITCHGEAR



LEGEND

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

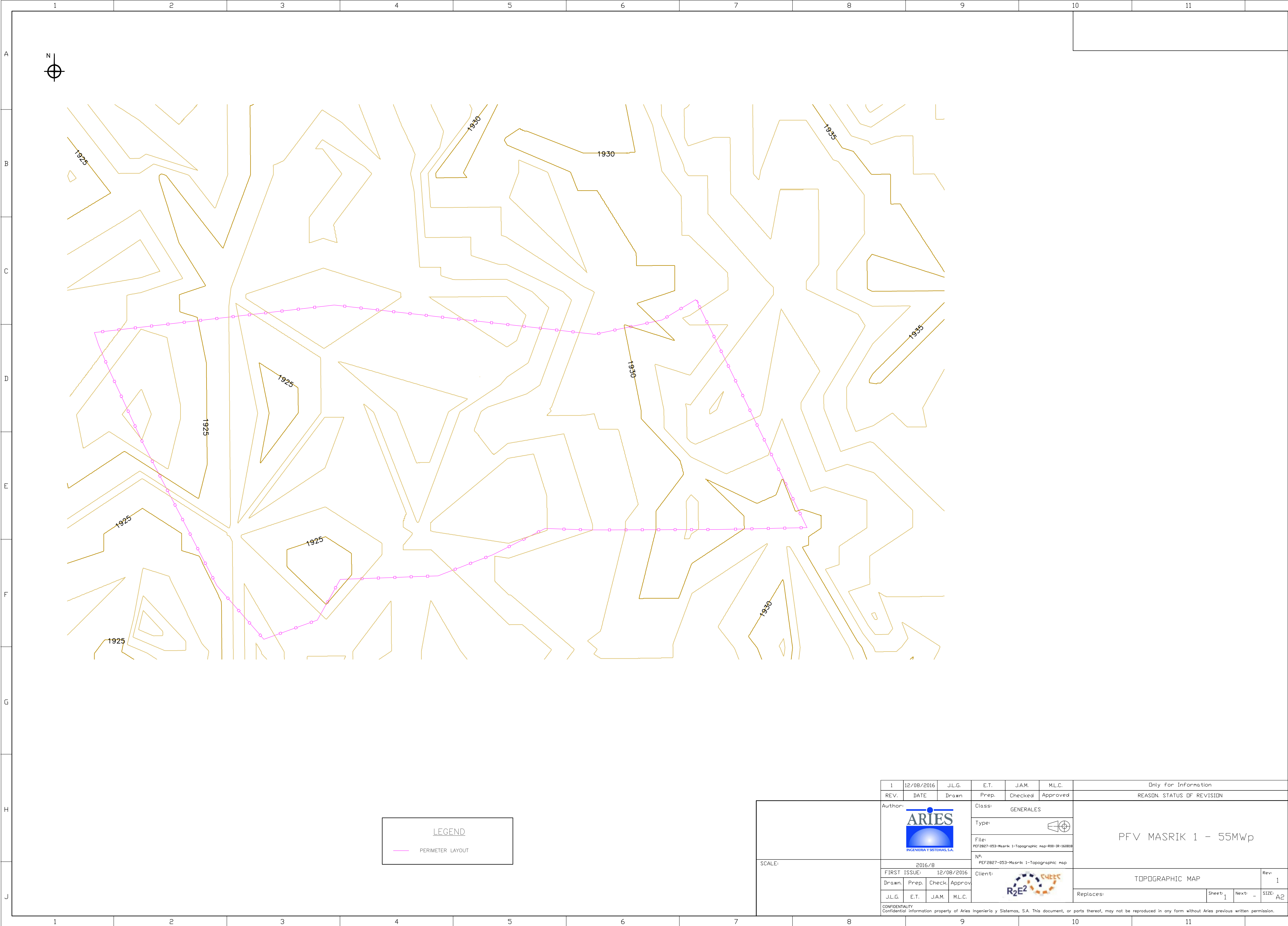
NOTE: Due to the PV plant location, the design of electrical equipment shall take into account the altitude of the site above sea level.

2	17/10/2016	I.R.	E.T.	J.A.M.	M.L.C.	Only for Information
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FIRST ISSUE: 12/08/2016			PROTOTYPE 			
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LEGEND

PERIMETER LAYOUT

SCALE:

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2016/8		Client:						
FIRST ISSUE:		12/08/2016		TOPOGRAPHIC MAP				Revisi
Drawn:	Prep.	Check:	Approv					1
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