


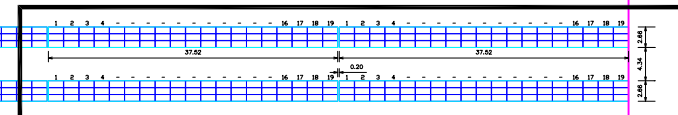
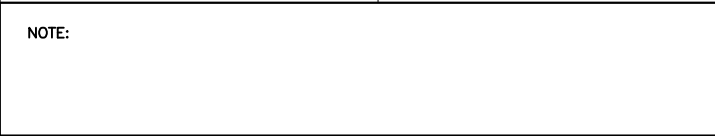


Installed Peak Power: 12.47MWp  
Rated Power: 10.47MWac  
PV Modules: 38988 PV Modules  
JINKO SOLAR JKM320P  
2052 strings  
19 PV Modules per string  
Structure: Fix Structure  
Horizontal module assembly  
3 strings per structure  
Tilt angle 28°  
Power Centers:  
4 Power Centers with:  
- 1 Power Transformer 2330kVA  
- 2 Inverters INGECON SUN 1165TL B420 Outdoor  
1 Power Center with:  
- 1 Power Transformer 1200kVA  
- 1 Inverter INGECON SUN 1165TL B420 Outdoor

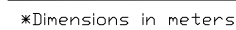
LEGEND

- PERIMETER FENCE
- ACCESS AND INTERNAL ROADS
- CONNECTION CENTER
- CONTROL BUILDING
- WAREHOUSE
- P PARKING AREA

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3	21/09/2016	J.L.G.	E.T.	J.A.M.	M.L.C.	Only for Information
2	17/08/2016	J.L.G.	E.T.	J.A.M.	M.L.C.	Only for Information
1	12/08/2016	J.L.G.	E.T.	J.A.M.	M.L.C.	Only for Information
REV.	DATE	Drawn	Prep.	Checked	Approved	REASON, STATUS OF REVISION
Author:  INGENIERIA Y SISTEMAS, S.A.						PFV DASHTADEM 1 - 12.5MWp
Class: GENERALES						
Type: 						
File: PEF2827-018-Dashtadem 1 Layout-R04-JLG-160817						
Nº: PEF2827-018-Dashtadem 1 Layout						
2016/8						GENERAL LAYOUT
FIRST ISSUE:		12/08/2016		Client: 		
Drawn.	Prep.	Check.	Approv.			
J.L.G.	E.T.	J.A.M.	M.L.C.			
Replaces: PEF2827-018-Dashtadem 1 Layout-R03-JLG-160921						
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## PV STRUCTURE DETAILS



Installed Peak Power: 2.773MWp



Rated Power: 2.3MWac

PV Modules: 8664 PV Modules  
JINKO SOLAR JKM320P  
456 strings  
19 PV Modules per string

Structure: Fix Structure  
Horizontal module assembly  
3 strings per structure  
Tilt angle 28°

Power Center:

- 1 Power Transformer 2330kVA
- 2 Inverters INGECON SUN 1165TL B420 Outdoor

Author: 	Class: GENERAL		PFV DASHTADEM 1 - 12.5MWp
	Type: PROTOTIPE		
2016/8	File: PEF2827-037-Dashtadem 1-BLOCK LAY-R02-JLG-161017		
	Nº: PEF2827-037-Dashtadem 1-BLOCK LAY		

## BLOCK LAYOUT

2

Replaces:	PEF2827-037-Dashtoden, 1-BLOCK, LAY-R01-JLG-160922	Sheet:	1	Next:	2	SIZE:	A3
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Author:

  
INGENIERIA Y SISTEMAS, S.A.

Class:	GENERAL
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Type: PROTOTYPE 

File: PEF2827-037-Dashtadem 1-BLOCK LAY-R02-JLG-161017

Nº:	PEF2827-037-Dashtadem 1-BLOCK LAY
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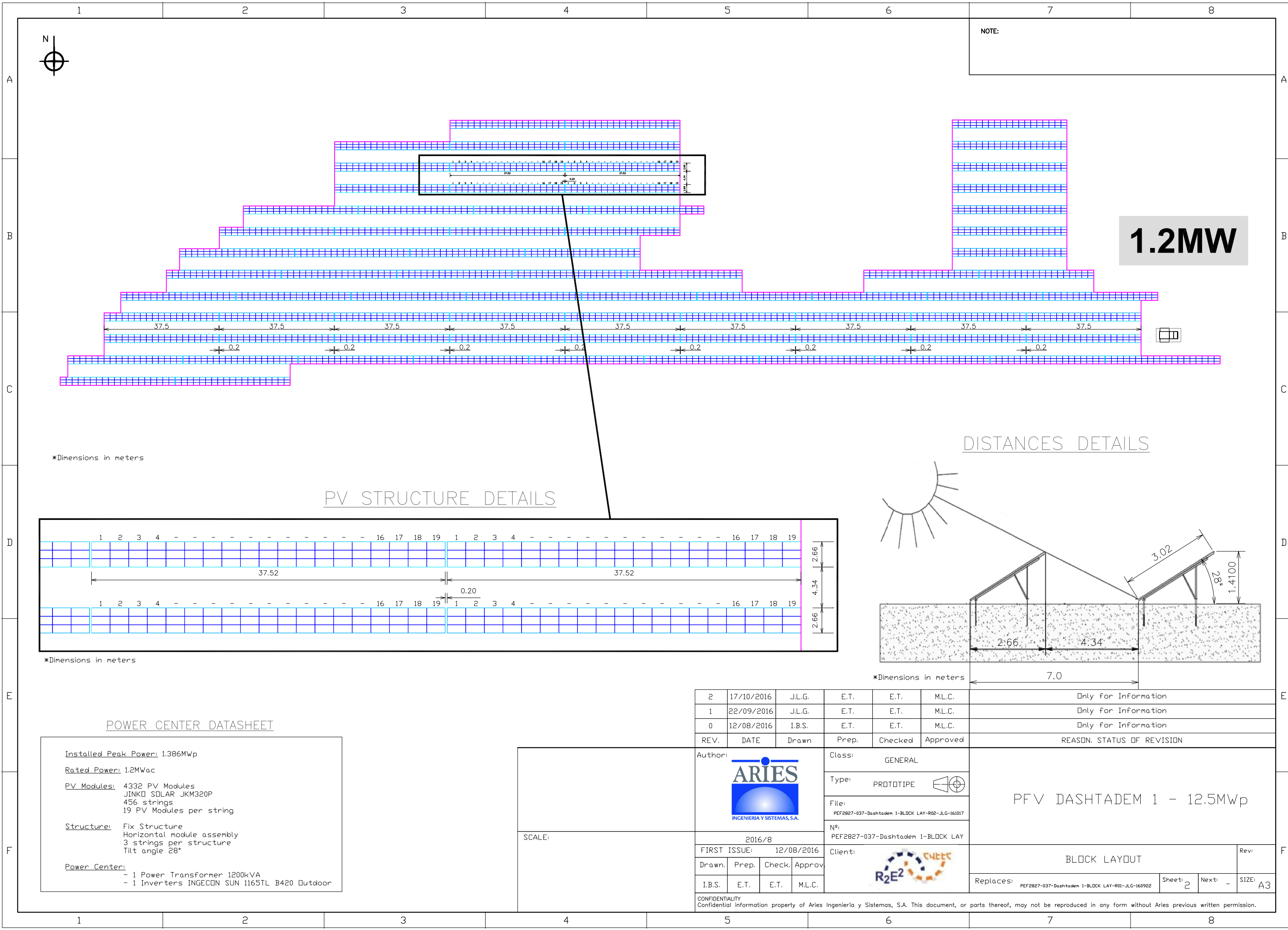
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FIRST ISSUE	12/02/2016

FIRST ISSUE: 12/08/2016	
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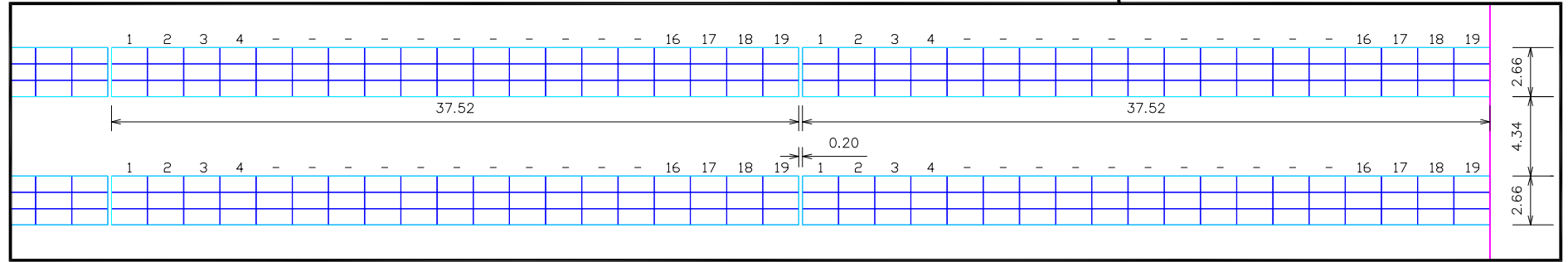


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1.2MW

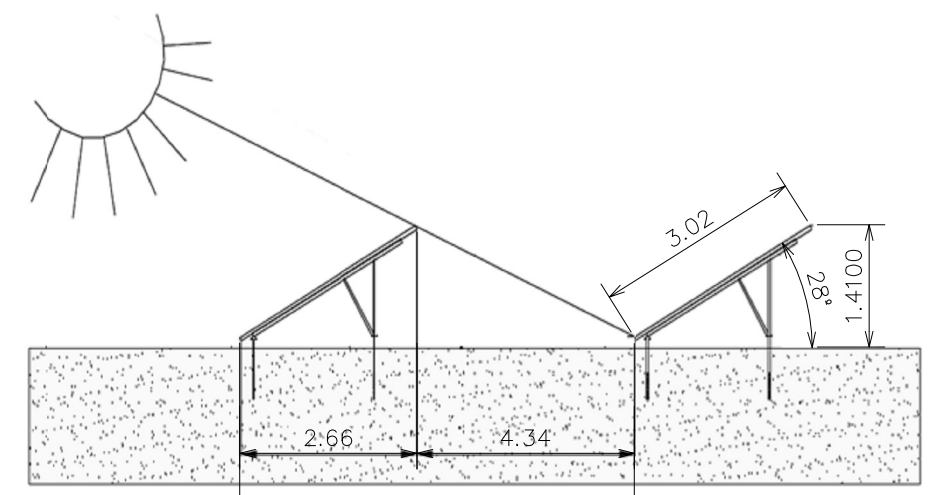
\*Dimensions in meters

PV STRUCTURE DETAILS



\*Dimensions in meters




DISTANCES DETAILS



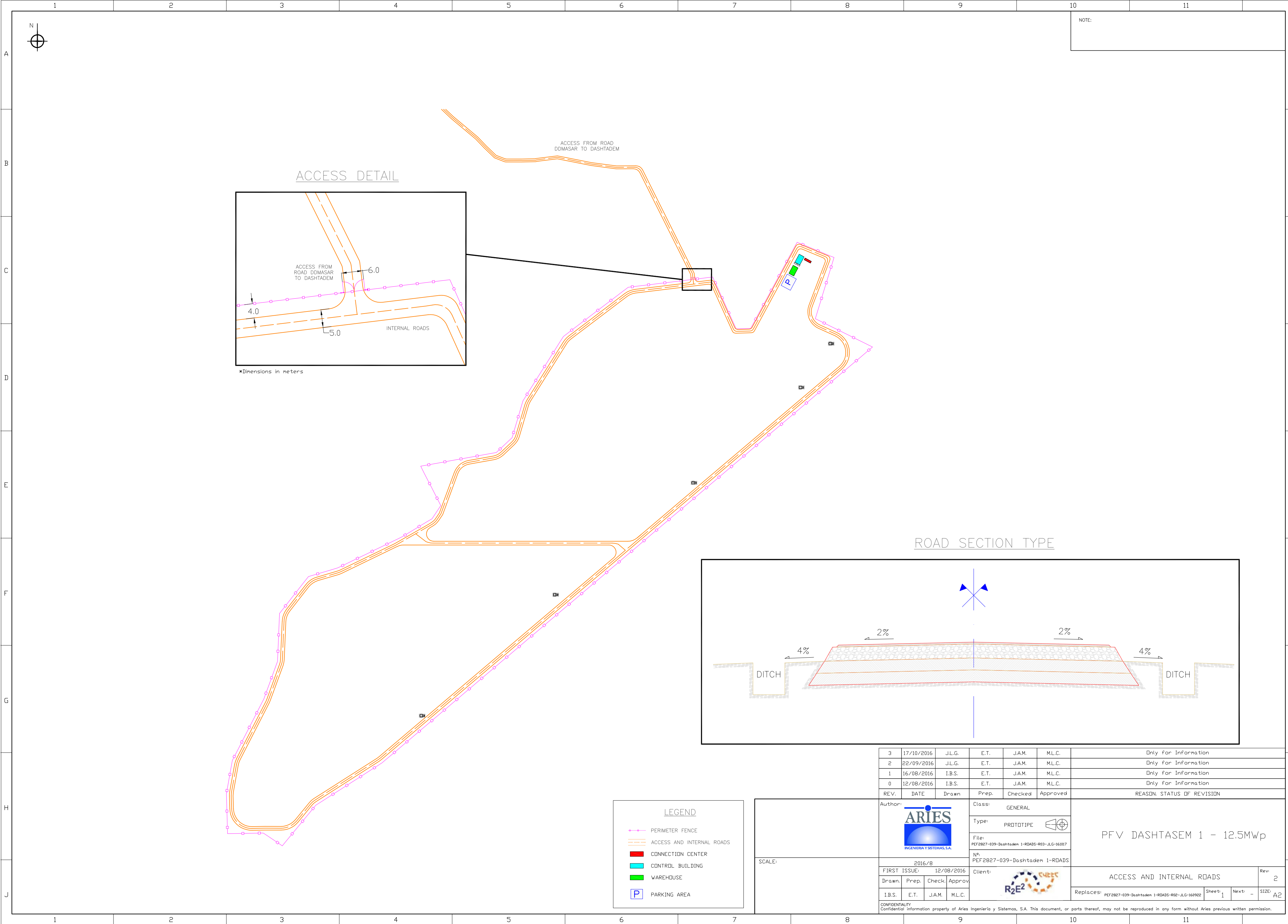
\*Dimensions in meters

POWER CENTER DATASHEET

Installed Peak Power:	1.386MWp
Rated Power:	1.2MWac
PV Modules:	4332 PV Modules JINKO SOLAR JKM320P 456 strings 19 PV Modules per string
Structure:	Fix Structure Horizontal module assembly 3 strings per structure Tilt angle 28°
Power Center:	- 1 Power Transformer 1200kVA - 1 Inverters INGECON SUN 1165TL B420 Outdoor

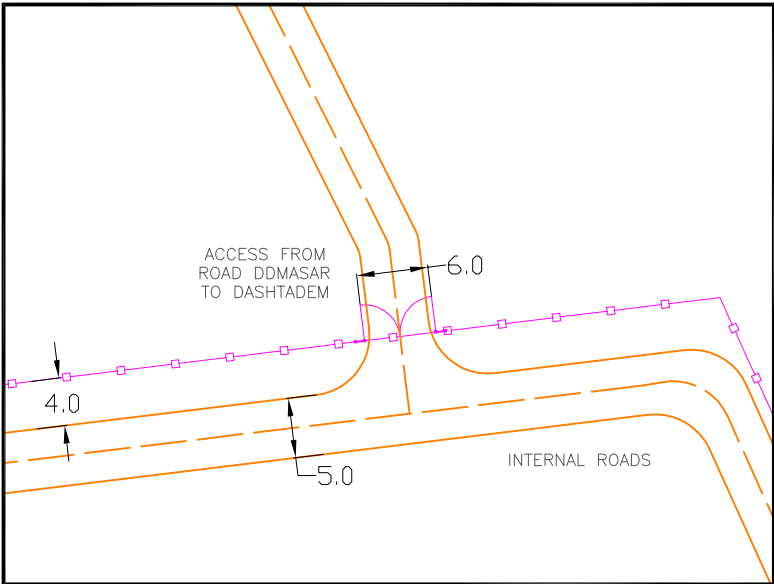
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0	12/08/2016	I.B.S.	E.T.	E.T.	M.L.C.	Only for Information						
REV.	DATE	Drawn	Prep.	Checked	Approved	REASON. STATUS OF REVISION						
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									Type: PROTOTYPE 			
		File: PEF2827-037-Dashtadem 1-BLOCK LAY-R02-JLG-161017										
		Nº: PEF2827-037-Dashtadem 1-BLOCK LAY										
2016/8		<div>Client:</div> <div></div>			BLOCK LAYOUT			Rev:				
FIRST ISSUE: 12/08/2016												
Drawn.	Prep.				Check.	Approv.						
I.B.S.	E.T.				E.T.	M.L.C.						
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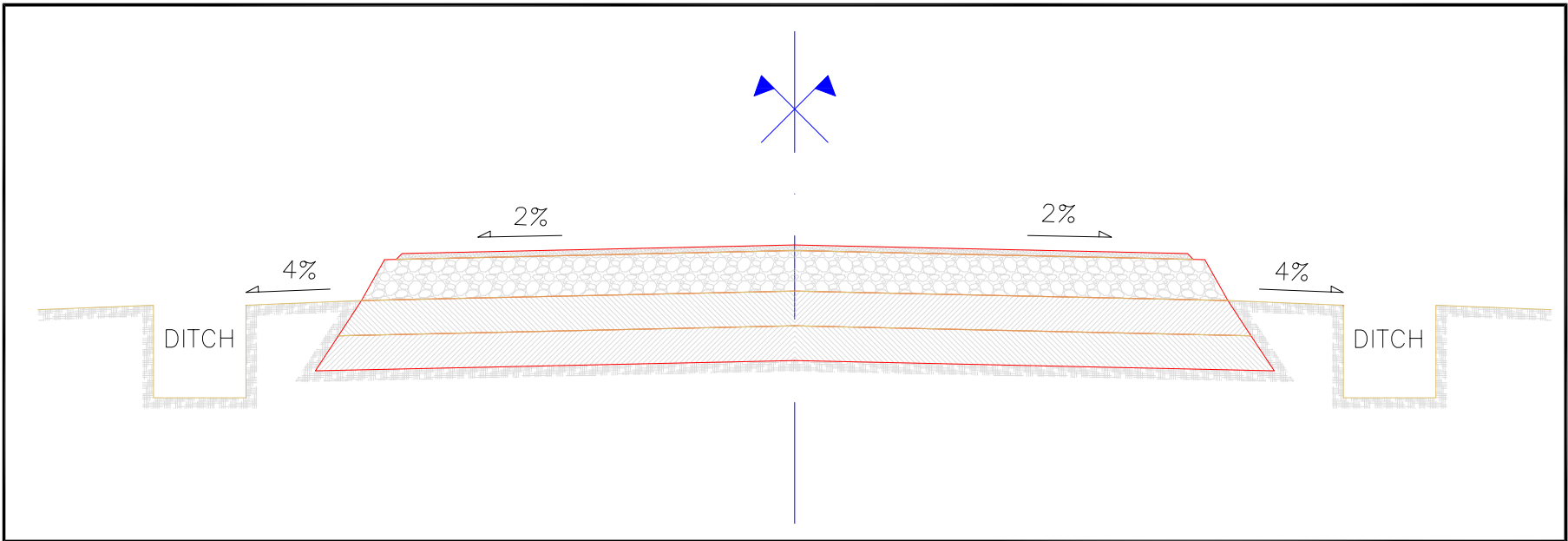
NOTE:

ACCESS DETAIL



\*Dimensions in meters

ROAD SECTION TYPE



LEGEND

- PERIMETER FENCE
- ACCESS AND INTERNAL ROADS
- CONNECTION CENTER
- CONTROL BUILDING
- WAREHOUSE
- PARKING AREA

SCALE:

Author:

**ARIES**

INGENIERIA Y SISTEMAS, S.A.

Class:

GENERAL

Type:

PROTOTIPE

File:

PEF2827-039-Dashtadem 1-ROADS-R02-JLG-161017

Nº:

PEF2827-039-Dashtadem 1-ROADS

Client:

**R2E2**

2016/8

FIRST ISSUE: 12/08/2016

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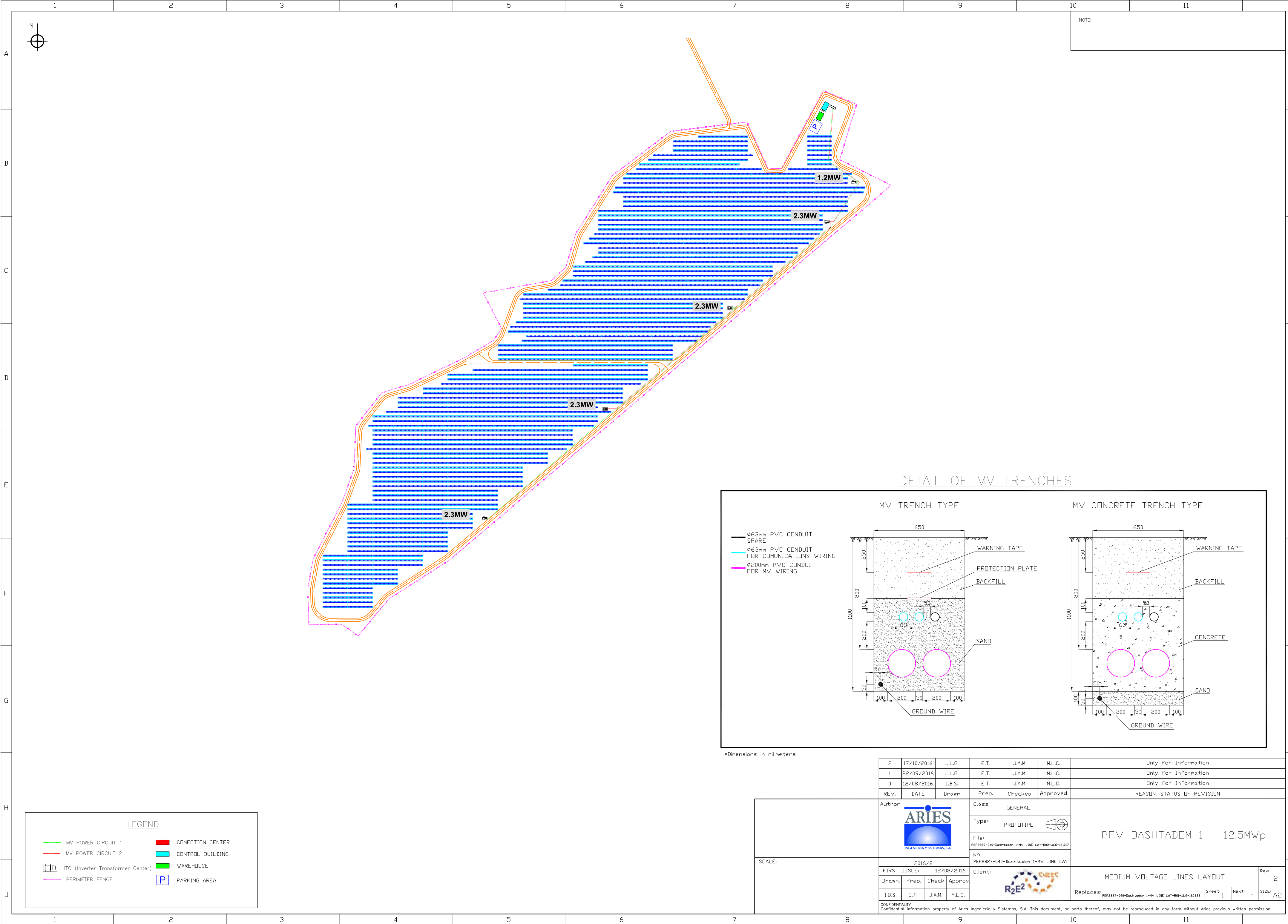
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ACCESS AND INTERNAL ROADS

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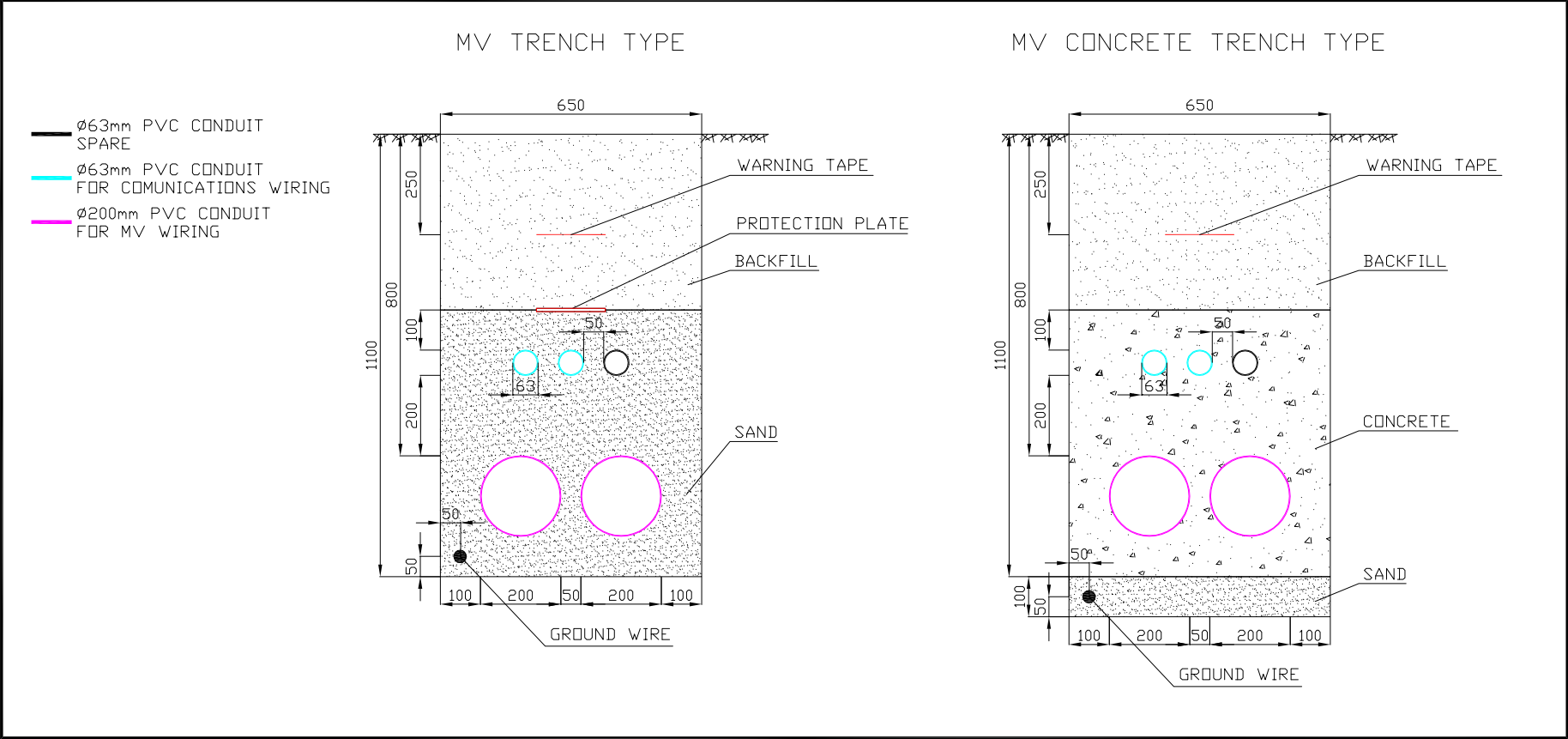
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NOTE:




DETAIL OF MV TRENCHES



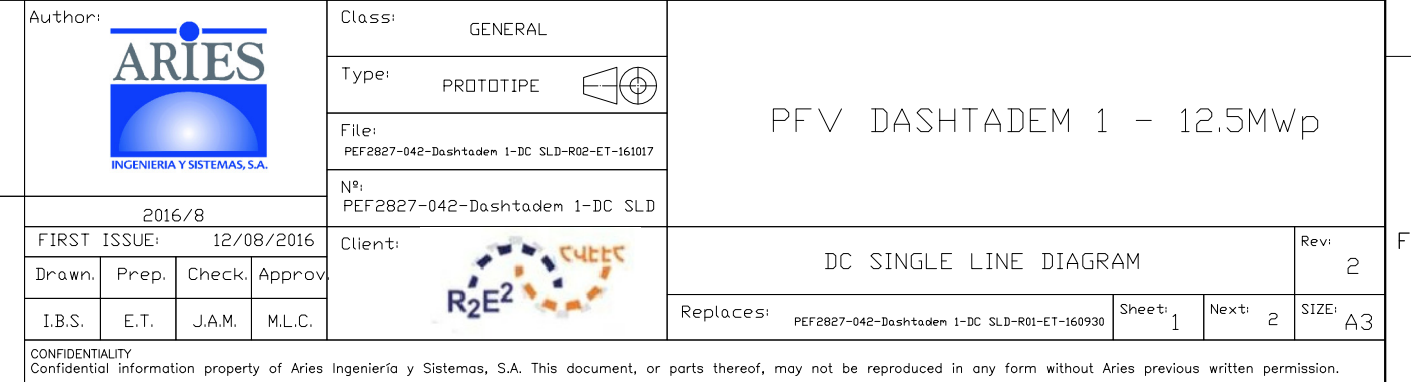
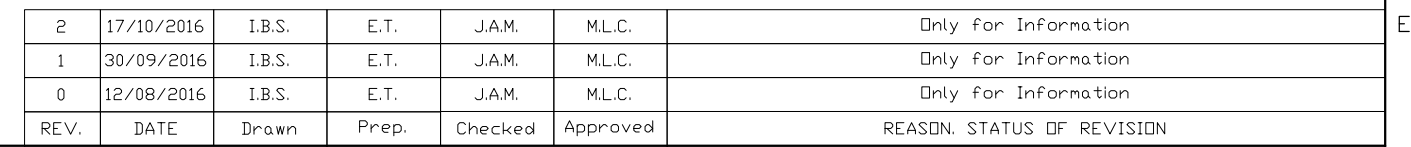
\*Dimensions in millimeters

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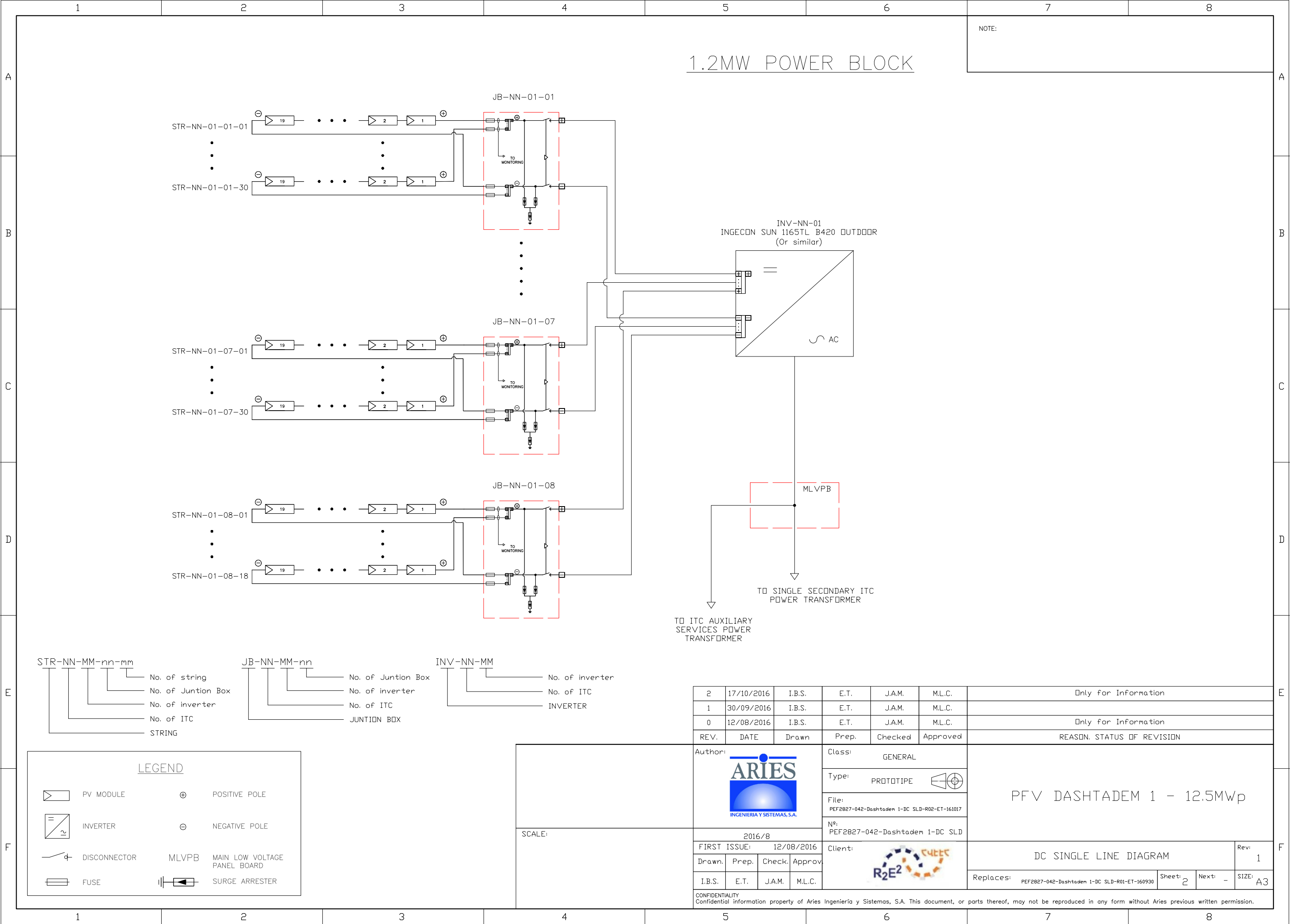
- MV POWER CIRCUIT 1
- MV POWER CIRCUIT 2
- ITC (Inverter Transformer Center)
- PERIMETER FENCE
- CONNECTION CENTER
- CONTROL BUILDING
- WAREHOUSE
- PARKING AREA

2	17/10/2016	J.L.G.	E.T.	J.A.M.	M.L.C.	Only for Information	
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REV.	DATE	Drawn	Prep.	Checked	Approved	REASON, STATUS OF REVISION	
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2016/8						PFV DASHTADEM 1 - 12.5MWp	
FIRST ISSUE:		12/08/2016		Client:		MEDIUM VOLTAGE LINES LAYOUT	
Drawn:	Prep.	Check:	Approv			Rev: 2	
I.B.S.	E.T.	J.A.M.	M.L.C.			Replaces: PEF2827-040-Dashtadem 1-MV LINE LAY-R01-JLG-160902	
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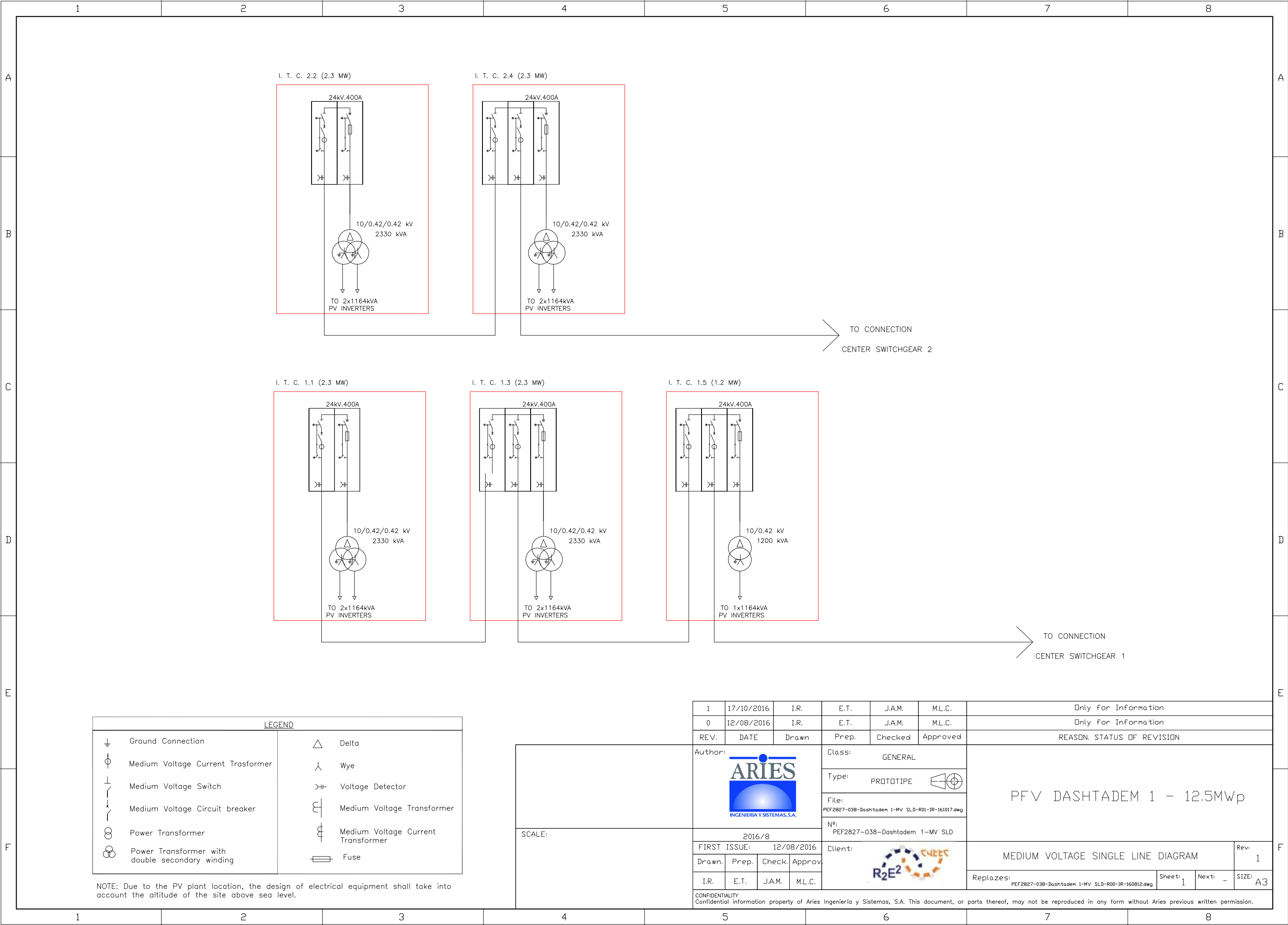
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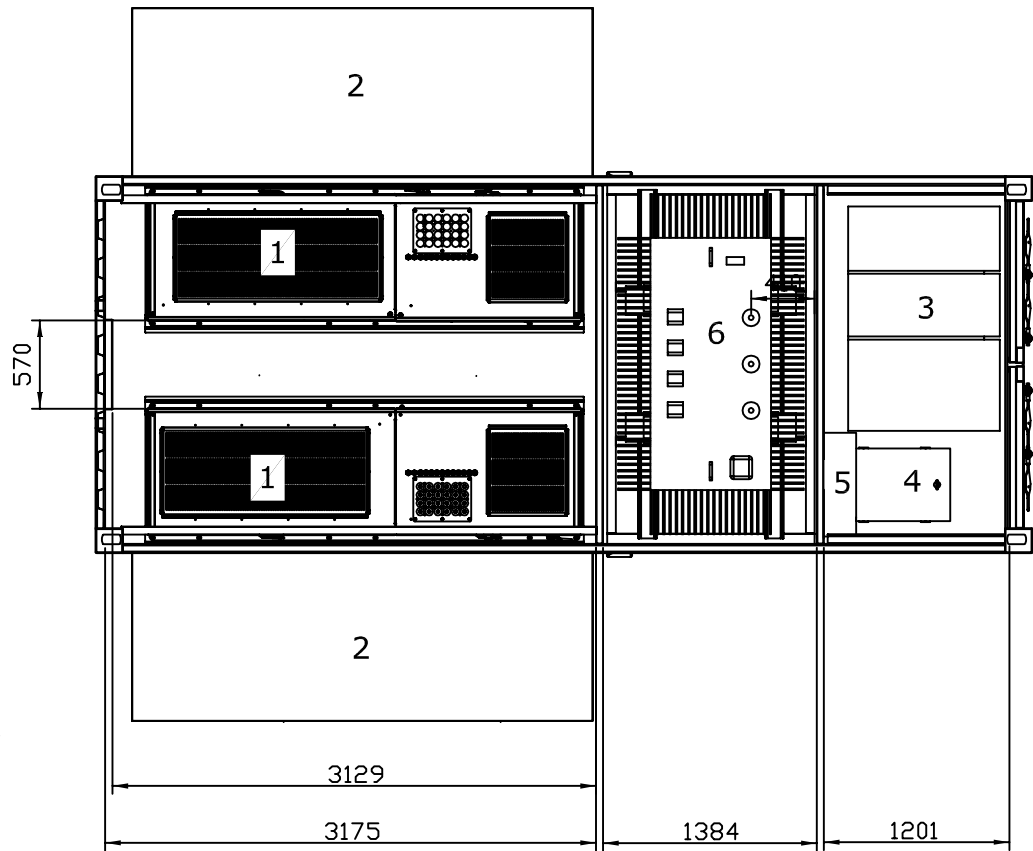
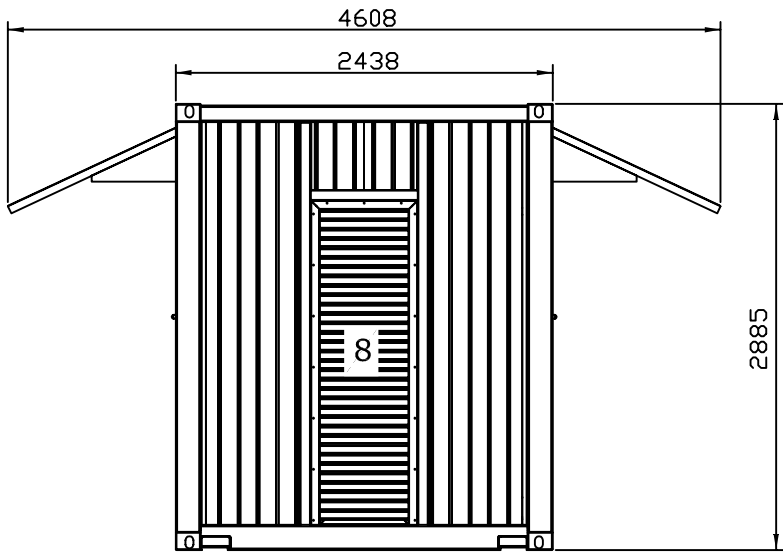
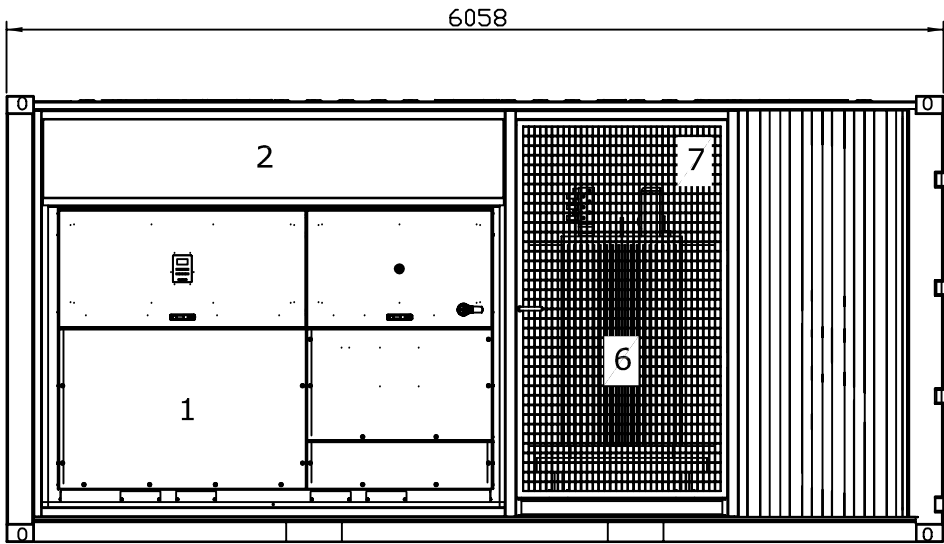
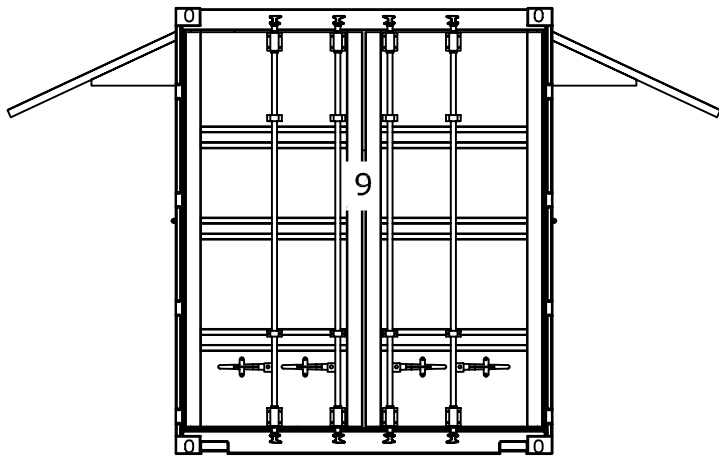
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INVERTER TRANSFORMER CENTER – 2,3MW

NOTE:  
Dimensions in millimeters



- ① INVERTER
- ② PROTECTIVE SCREEN
- ③ HV SWITCHGEAR UPTO 36 KV
- ④ AUXILIAR TRANSFORMER UPTO 50 KVA
- ⑤ CONTROLGEAR AND COMMUNICATIONS PANEL
- ⑥ ITC POWER TRANSFORMER  
UP TO 2330 KVA / 36 KV  
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

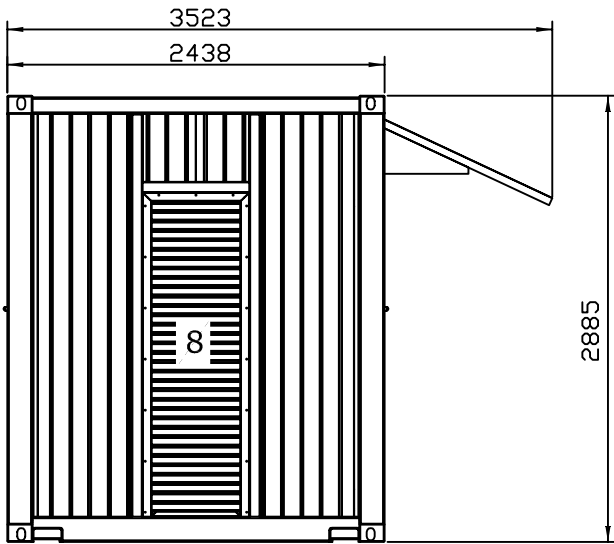
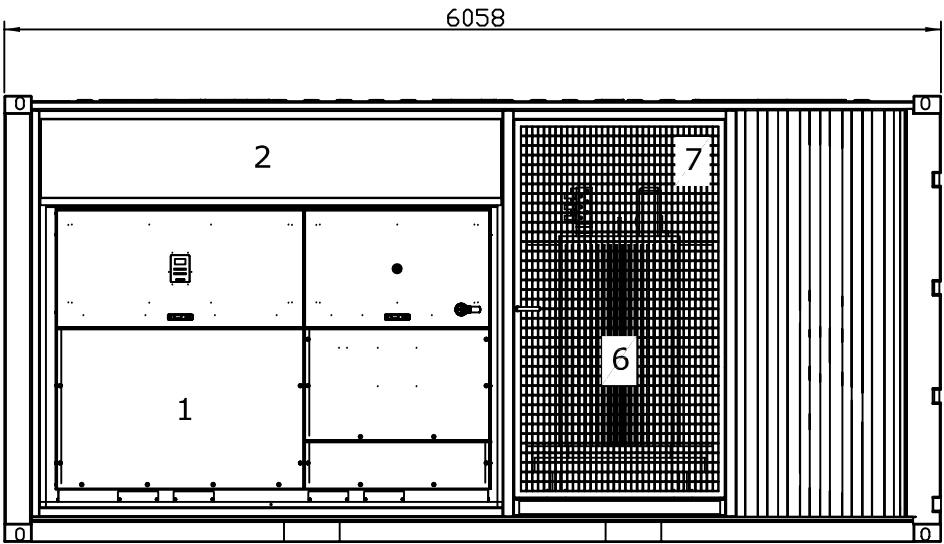
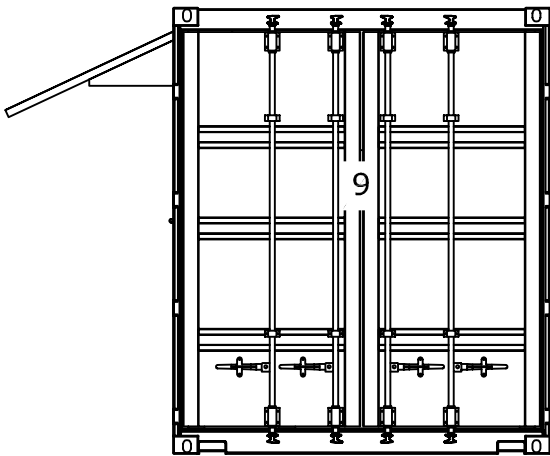
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REV.	DATE	Drawn		Prep.	Checked	Approved	REASON. STATUS OF REVISION			
<div>Author:</div> <div> INGENIERIA Y SISTEMAS, S.A.</div>						Class:		PFV DASHTADEM 1 - 12.5MWp		
						Type:				
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						Nº:				
2016/8						GENERAL				
FIRST ISSUE: 12/08/2016						PROTOTYPE				
						PEF2827-043-Dashtadem 1-ITC BUILD-R00-ET-160812				
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<div>Client:</div> <div></div>						INVERTER TRANSFORMER CENTER BUILDING			Rev: 0	
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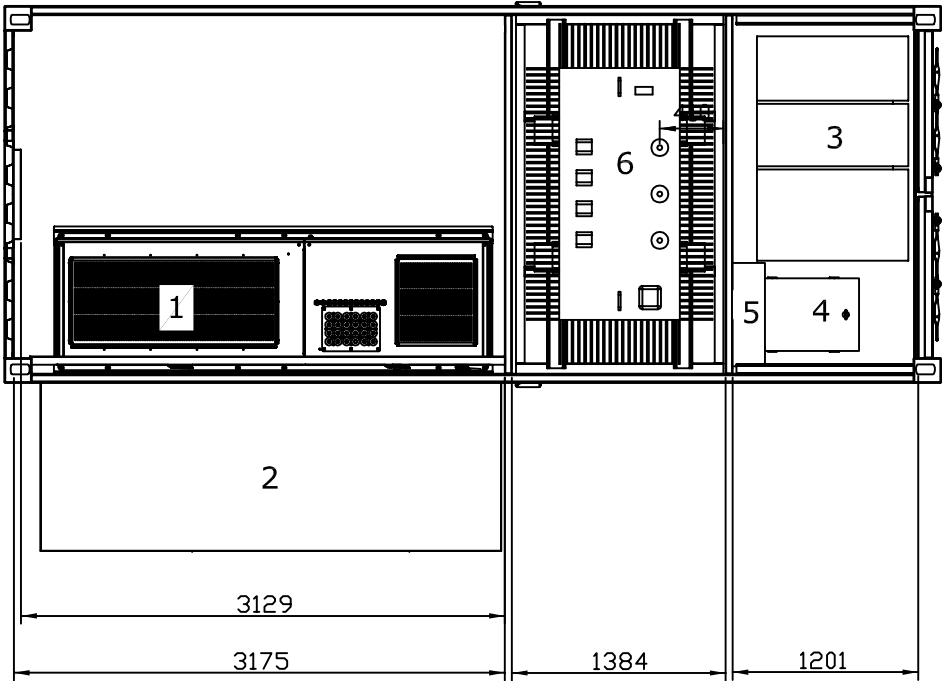





INVERTER TRANSFORMER CENTER – 1,2MW

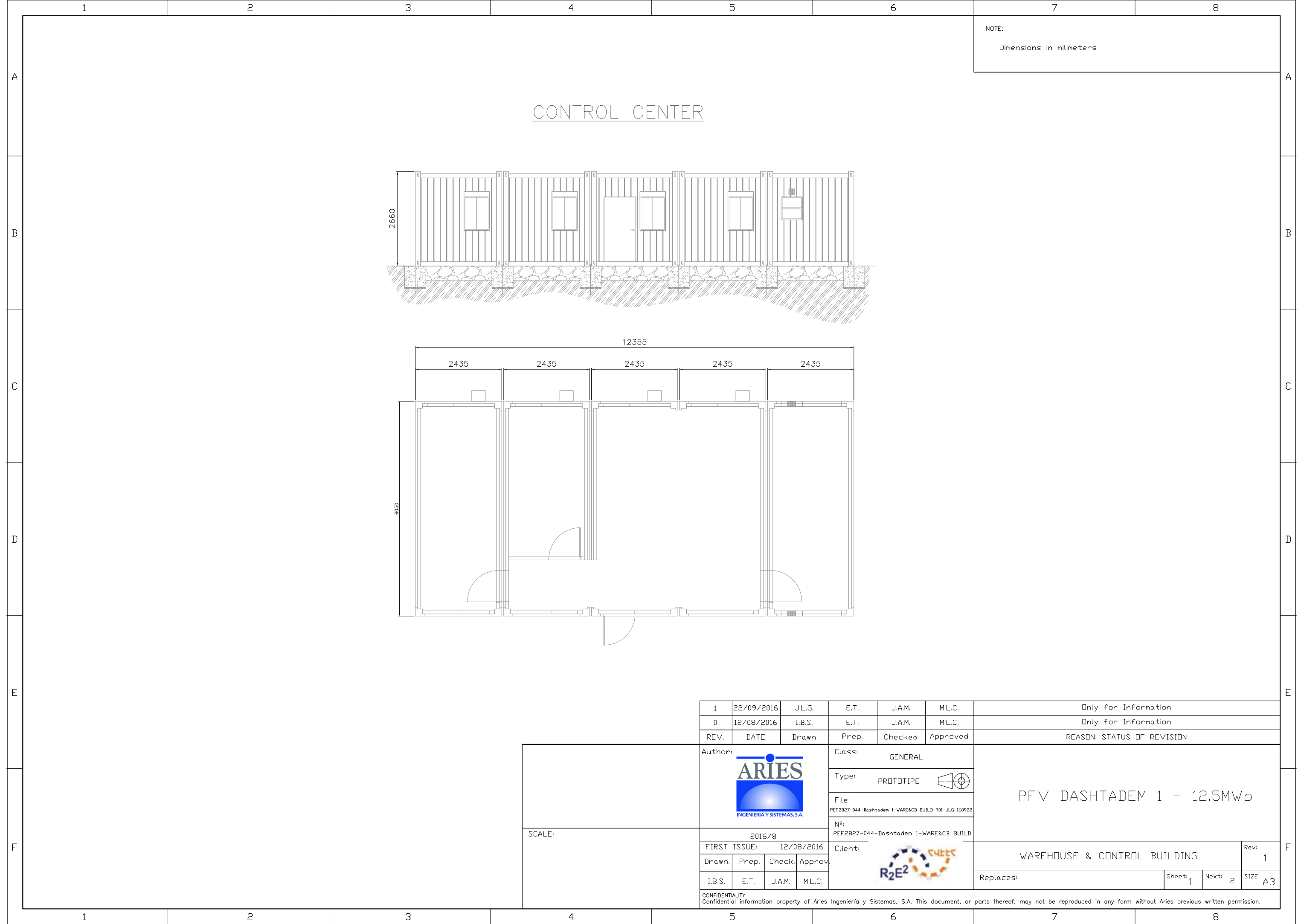
NOTE:  
Dimensions in millimeters



- ① INVERTER
- ② PROTECTIVE SCREEN
- ③ HV SWITCHGEAR UPTO 36 KV
- ④ AUXILIAR TRANSFORMER UPTO 50 KVA
- ⑤ CONTROLGEAR AND COMMUNICATIONS PANEL
- ⑥ ITC POWER TRANSFORMER  
UP TO 1200 KVA / 36 KV  
SINGLE 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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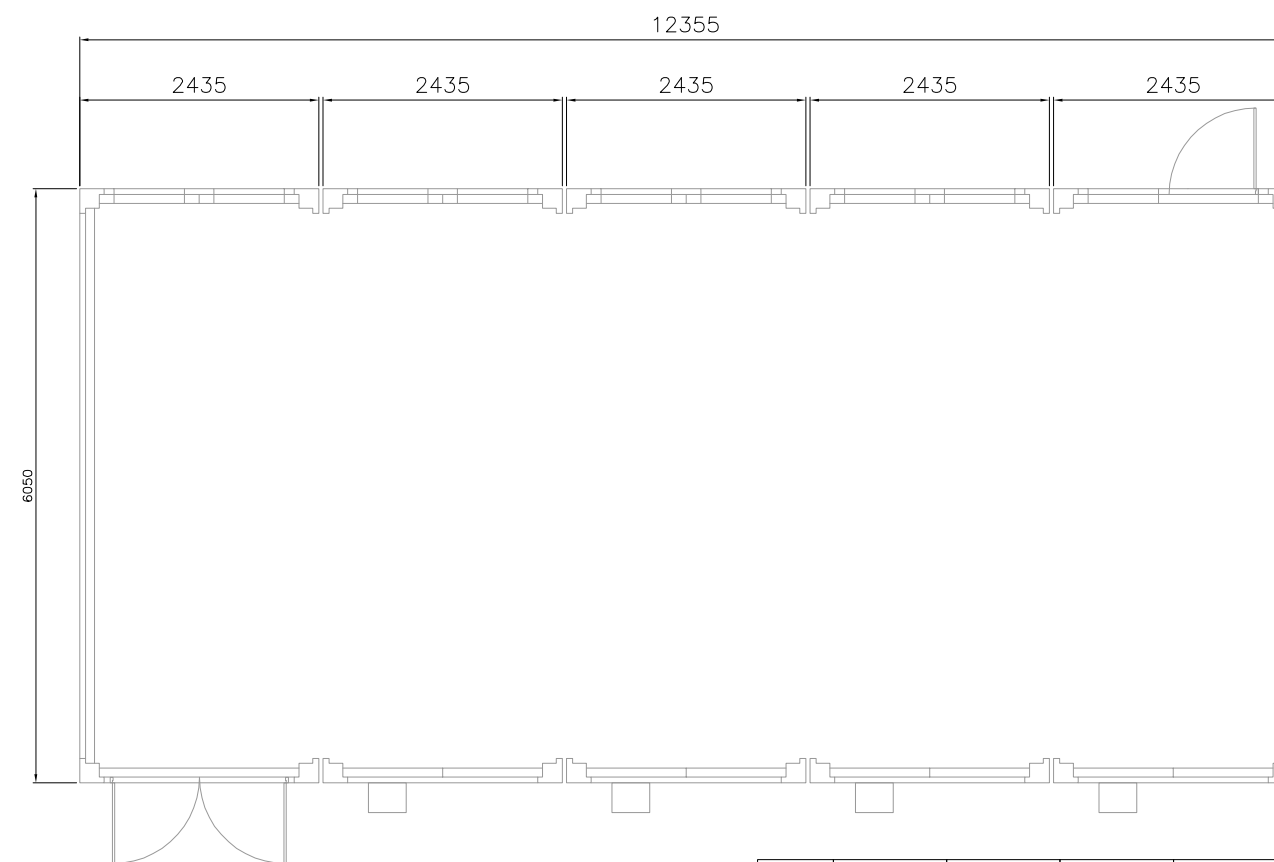
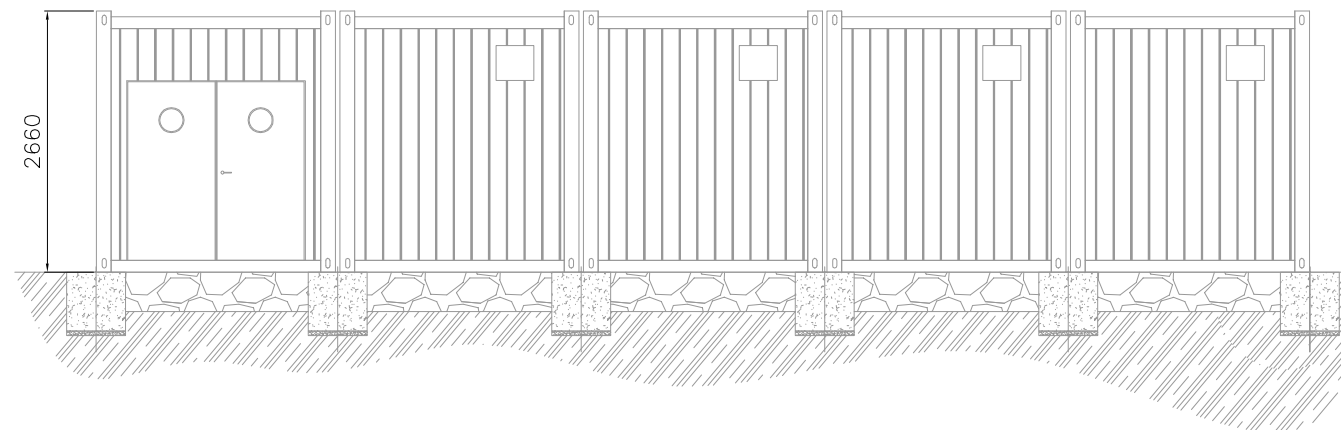
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NOTE:

Dimensions in millimeters

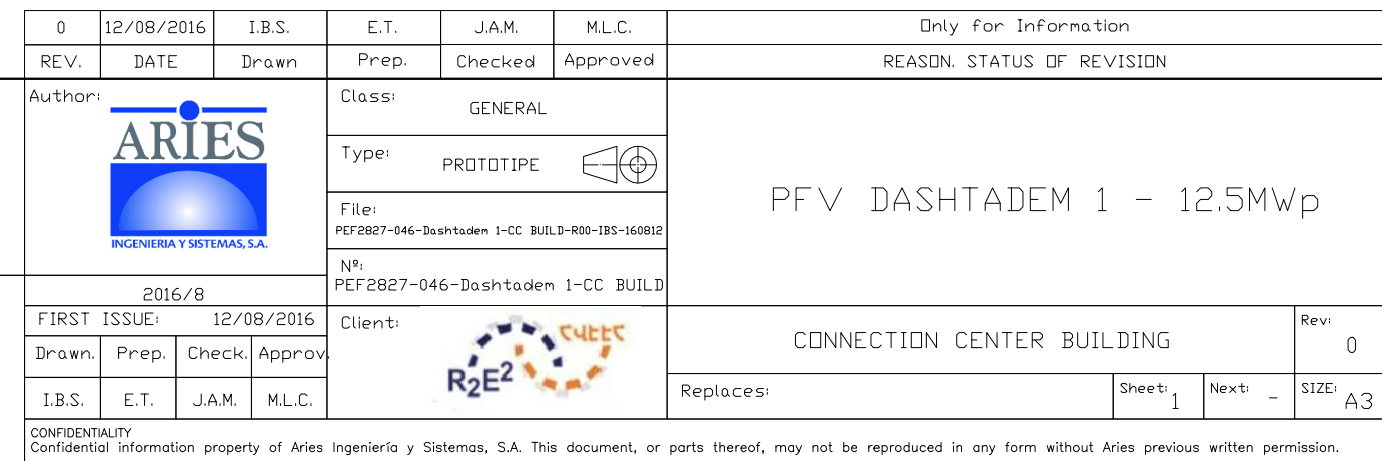
WAREHOUSE

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<div>Author:</div> <div></div>		Class:		GENERAL		PFV DASHTADEM 1 - 12.5MWp						
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2016/8		<div>Client:</div> <div></div>		WAREHOUSE & CONTROL BUILDING			Rev:		0			
FIRST ISSUE:				12/08/2016								
Drawn.	Prep.			Check.	Approv.							
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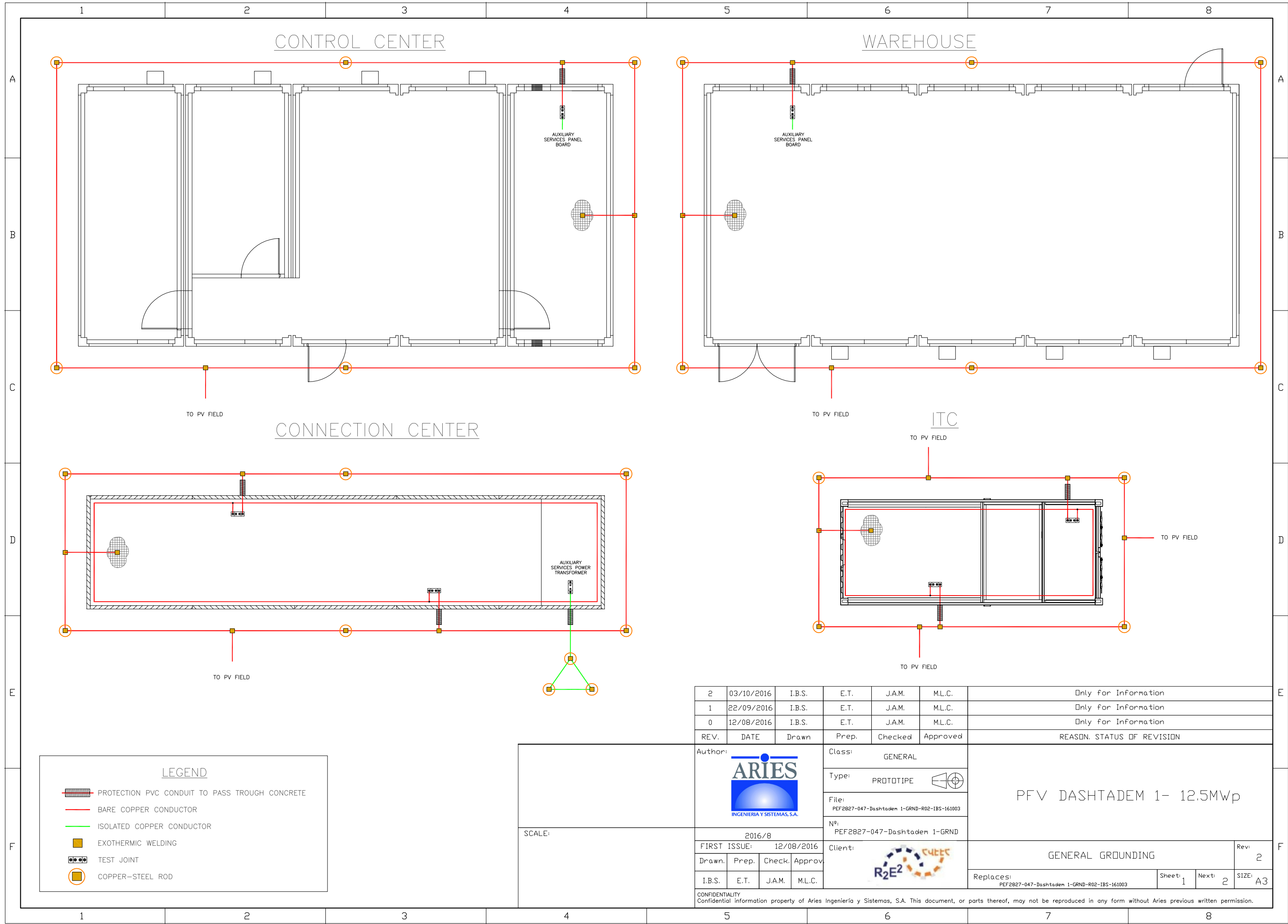
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NOTE:

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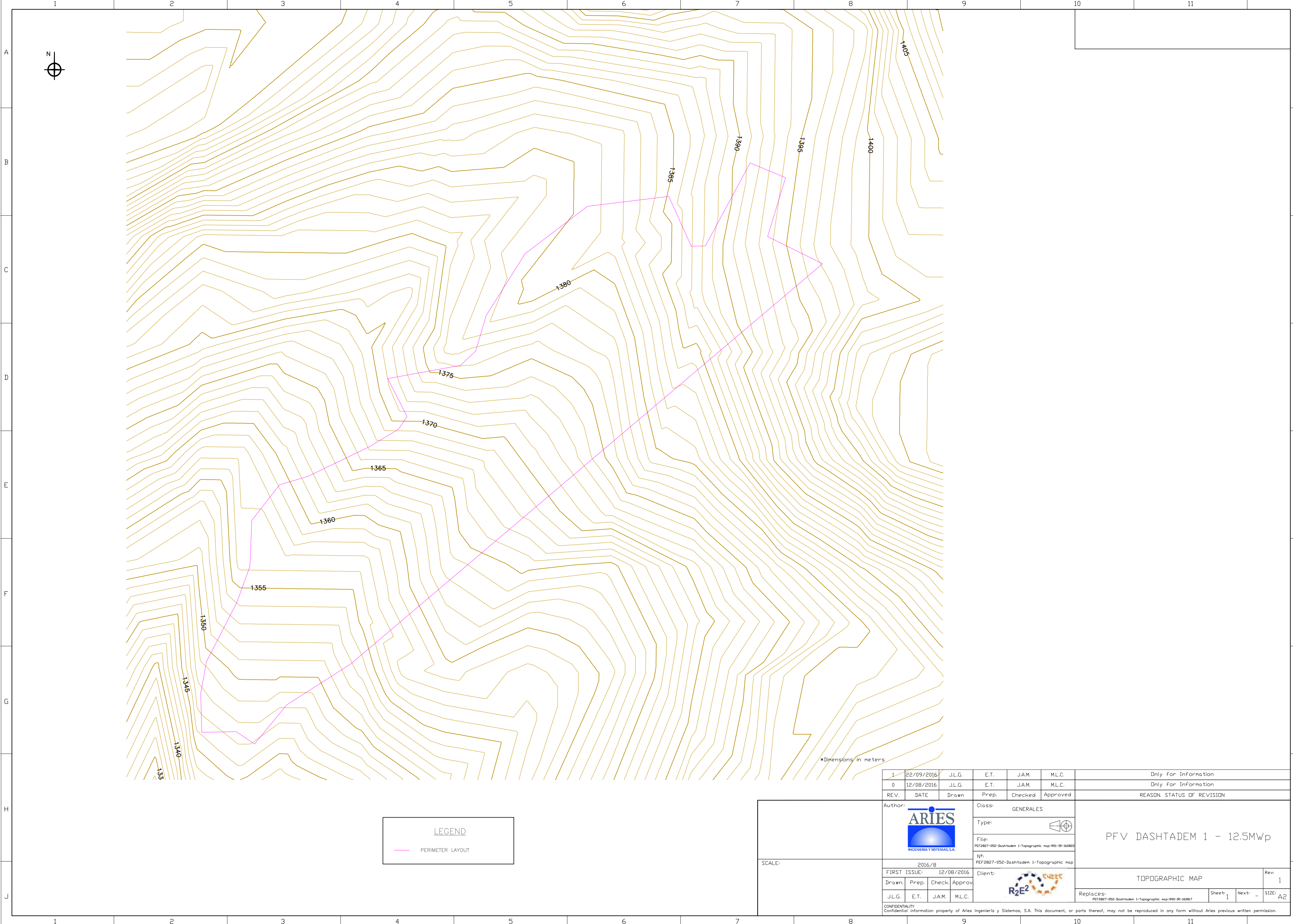













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