

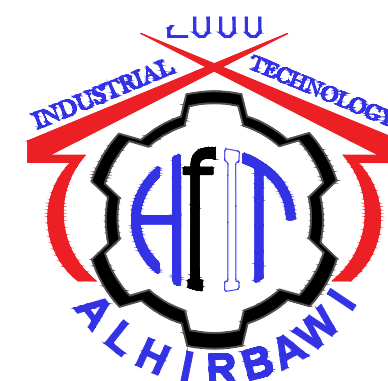
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON GENERAL CONSULATE OF BELGIUM IN JERUSALEM

Tender Ref.: 2275PSE-10040

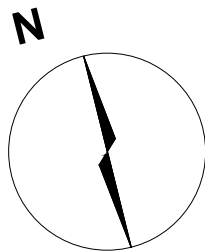
Contracting Authority:



Designed by:



November 2023



Layout

32 PV
660 wp
21.1kwp



Notes

- (1) All Dimensions Are In Cm.
- (2) All Levels Are In Meter
- (3) Any Missing or Unclear Detail And All Fastening Systems For All Elements Shall be Approved by The Supervisor.

Legend:

REVISIONS

NO.	DRAWINGS	DATE
(1)	Final Design	13-SEP-2023
(2)		
(3)		

Project Name:

SUPPLY AND INSTALLATION OF
ROOF-TOP SOLAR PHOTOVOLTAIC
SYSTEMS ON GENERAL CONSULATE OF
BELGIUM IN JERUSALEM

Contracting Authority:



Project Ref.:

2275PSE-10040

Designed by:



Drawing Title

System layout

Date: 06-11-2023
Scale:

Designed by: ALHIRBAWI FOR INDUSTRIAL TECHNOLOGY

Checked by: Walid Aboudi

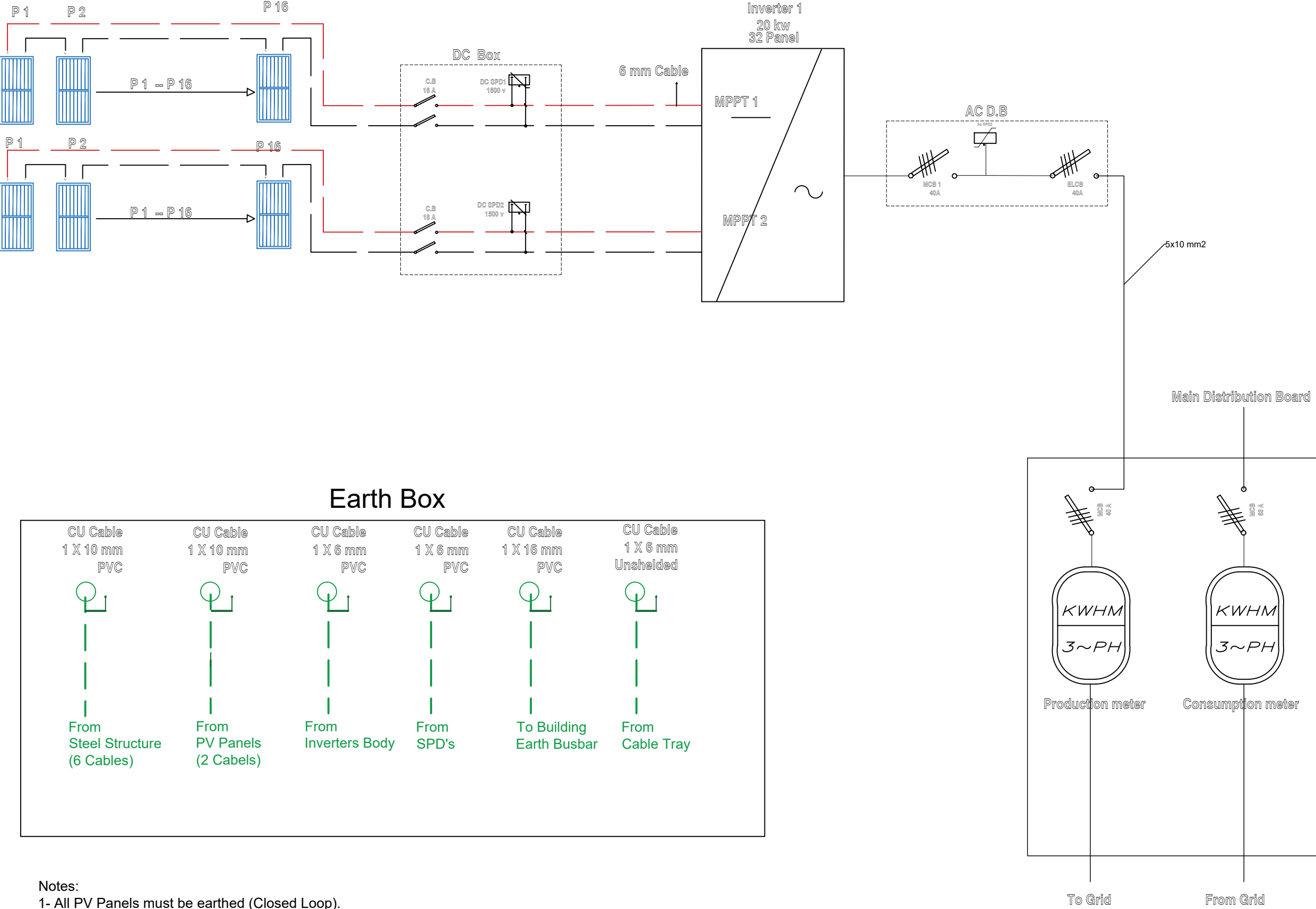
Approved by: Walid Aboudi

Coordinate Manager: Alexis Doucet

Drawing No:

E01

Single Line Diagram



- Notes:
- 1- All PV Panels must be earthed (Closed Loop).
 - 2- All Steel Structure must be earthed .
 - 3- Cable tray must be earthed.
 - 4-Each separate steel table should take main 10mm earth cable to box.
 - 5- Earth Ohm should be less than 3 Ohm.

Notes

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Legend:

REVISIONS

NO.	DRAWINGS	DATE
(1)	Final Design	13-SEP-2023
(2)		
(3)		

Project Name:

SUPPLY AND INSTALLATION OF
ROOF-TOP SOLAR PHOTOVOLTAIC
SYSTEMS ON GENERAL CONSULATE OF
BELGIUM IN JERUSALEM

Contracting Authority:



Project Ref.:

2275PSE-10040

Designed by:



Drawing
Title

SINGLE LINE
DIAGRAM

Date:
06-11-2023
Scale:

Designed by:	ALGERIA FOR INDUSTRIAL TECHNOLOGY	Drawing No:
Checked by:	Walid Aboudi	E02
Approved by:	Walid Aboudi	
Coordinate Manager:	Alexis Doucet	

Electrical Layout



NOTES

(1) All Dimensions Are In Cm.
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Legend:

REVISIONS		
NO.	DRAWINGS	DATE
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(2)		
(3)		

Project Name:

SUPPLY AND INSTALLATION OF
ROOF-TOP SOLAR PHOTOVOLTAIC
SYSTEMS ON GENERAL CONSULATE OF
BELGIUM IN JERUSALEM

Contracting Authority:



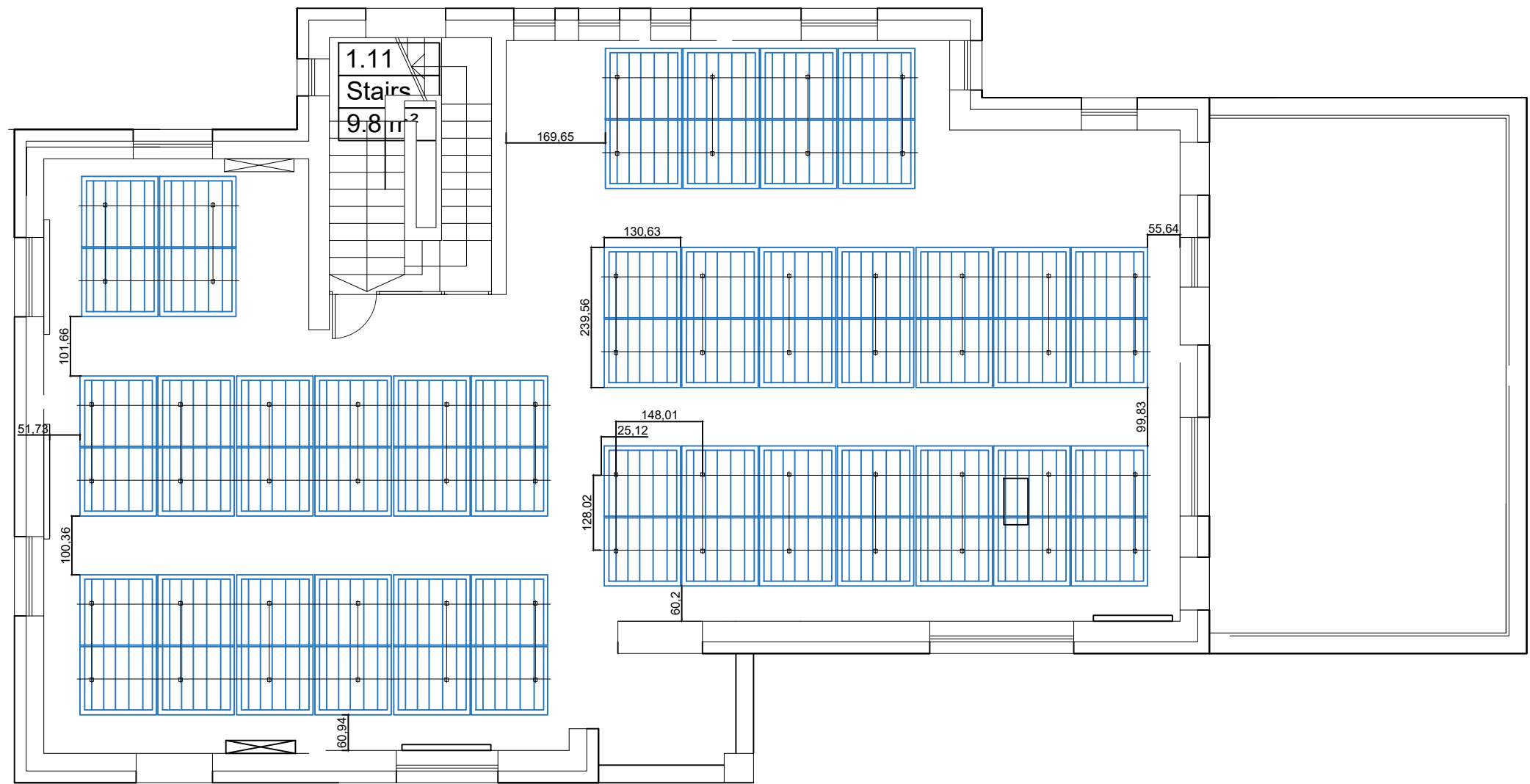
Project Ref.:

2275PSE-10040

Designed by:



Drawing Title		Date: 06-11-2023
Electrical layout		Scale: XX
Designed by:	ALHIBANI FOR INDUSTRIAL TECHNOLOGY	Drawing No:
Checked by:	Walid Aboudi	E03
Approved by:	Walid Aboudi	
Coordinate Manager:	Alexis Doucet	



32 PV
660 wp
21.1kwp

Notes

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Legend:

REVISIONS

NO.	DRAWINGS	DATE
(1)	Final Design	13-SEP-2023
(2)		
(3)		

Project Name:

SUPPLY AND INSTALLATION OF
ROOF-TOP SOLAR PHOTOVOLTAIC
SYSTEMS ON GENERAL CONSULATE OF
BELGIUM IN JERUSALEM

Contracting Authority:



Project Ref.:

2275PSE-10040

Designed by:



Drawing
Title

Steel Structure

Date:
XX-XX-2023
Scale:

Designed by: ALHIRBAWI FOR INDUSTRIAL TECHNOLOGY

Drawing No:

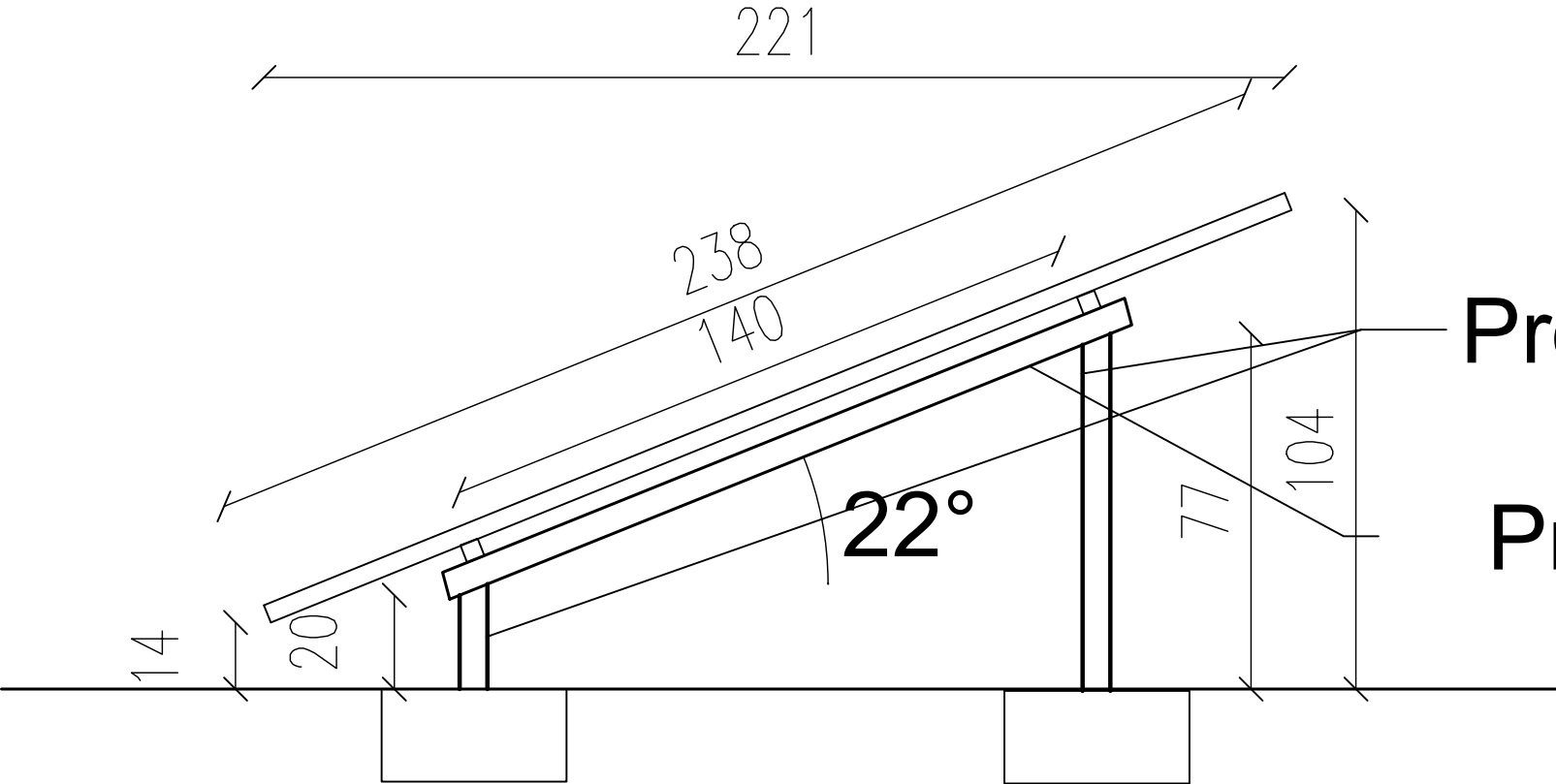
Checked by: Walid Aboudi

E04

Approved by: Walid Aboudi

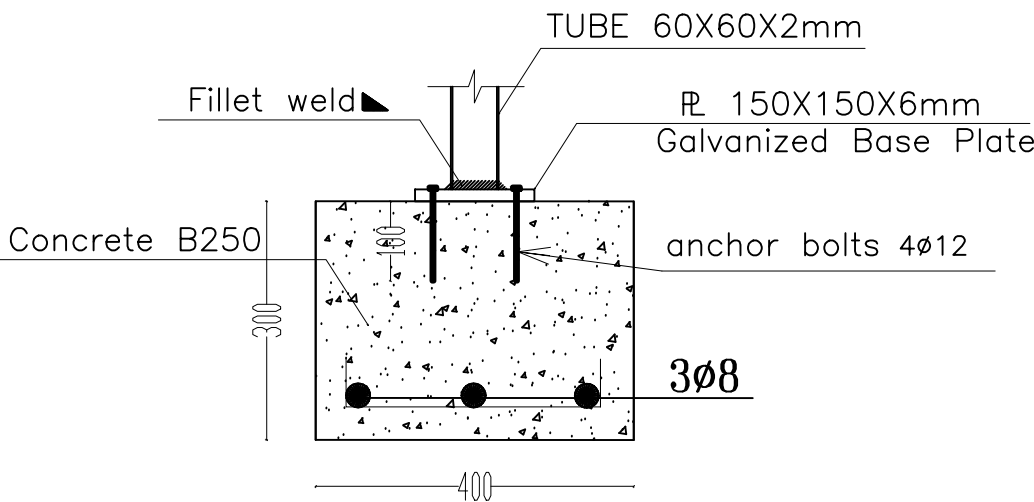
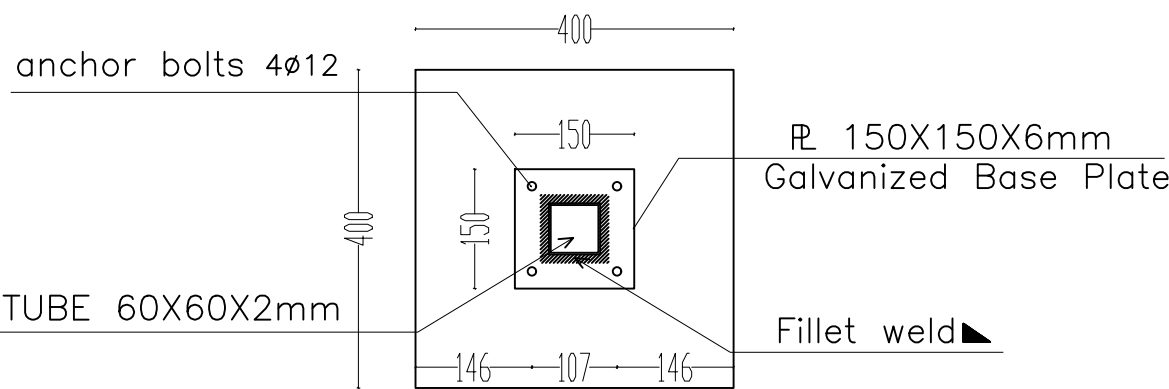
Coordinates: Manager: Alexia Doucet

Details of steel structure



Profile 60*60*2.7mm

Profile 40*40*2.7mm



Details of Base Plate of Tube

1:10

Detail of Concrete Base

1:10

NOTES

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Legend:

REVISIONS		
NO.	DRAWINGS	DATE
(1)	Final Design	13-SEP-2023
(2)		
(3)		

Project Name:

SUPPLY AND INSTALLATION OF
ROOF-TOP SOLAR PHOTOVOLTAIC
SYSTEMS ON GENERAL CONSULATE OF
BELGIUM IN JERUSALEM

Contracting Authority:



Project Ref.:

2275PSE-10040

Designed by:



Drawing Title		Date:
Steel Structure Details and footings		06-11-2023
Designed by:	ALHIBANI FOR INDUSTRIAL TECHNOLOGY	Drawing No:
Checked by:	Walid Aboudi	E05
Approved by:	Walid Aboudi	
Coordinate Manager:	Alexis Doucet	

Notes

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Legend:

REVISIONS

NO.	DRAWINGS	DATE
(1)	Final Design	13-SEP-2023
(2)		
(3)		

Project Name:

SUPPLY AND INSTALLATION OF
ROOF-TOP SOLAR PHOTOVOLTAIC
SYSTEMS ON GENERAL CONSULATE OF
BELGIUM IN JERUSALEM

Contracting Authority:



Project Ref.:

2275PSE-10040

Designed by:



Drawing
Title

AC and DC DB

Date:
06-11-2023

Scale:
XX

Designed by: ALHARBAN FOR INDUSTRIAL TECHNOLOGY

Drawing No:

Checked by: Walid Aboudi

Approved by: Walid Aboudi

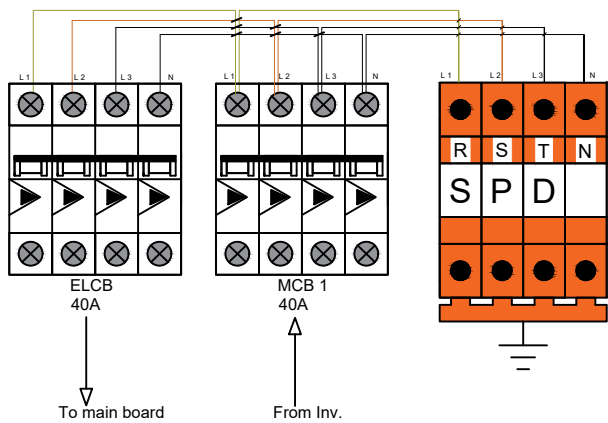
Coordinate Manager: Alexis Doucet

E06

AC D.B

40

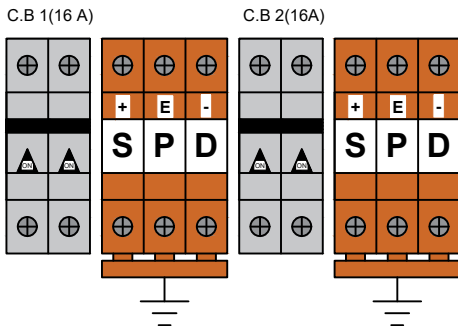
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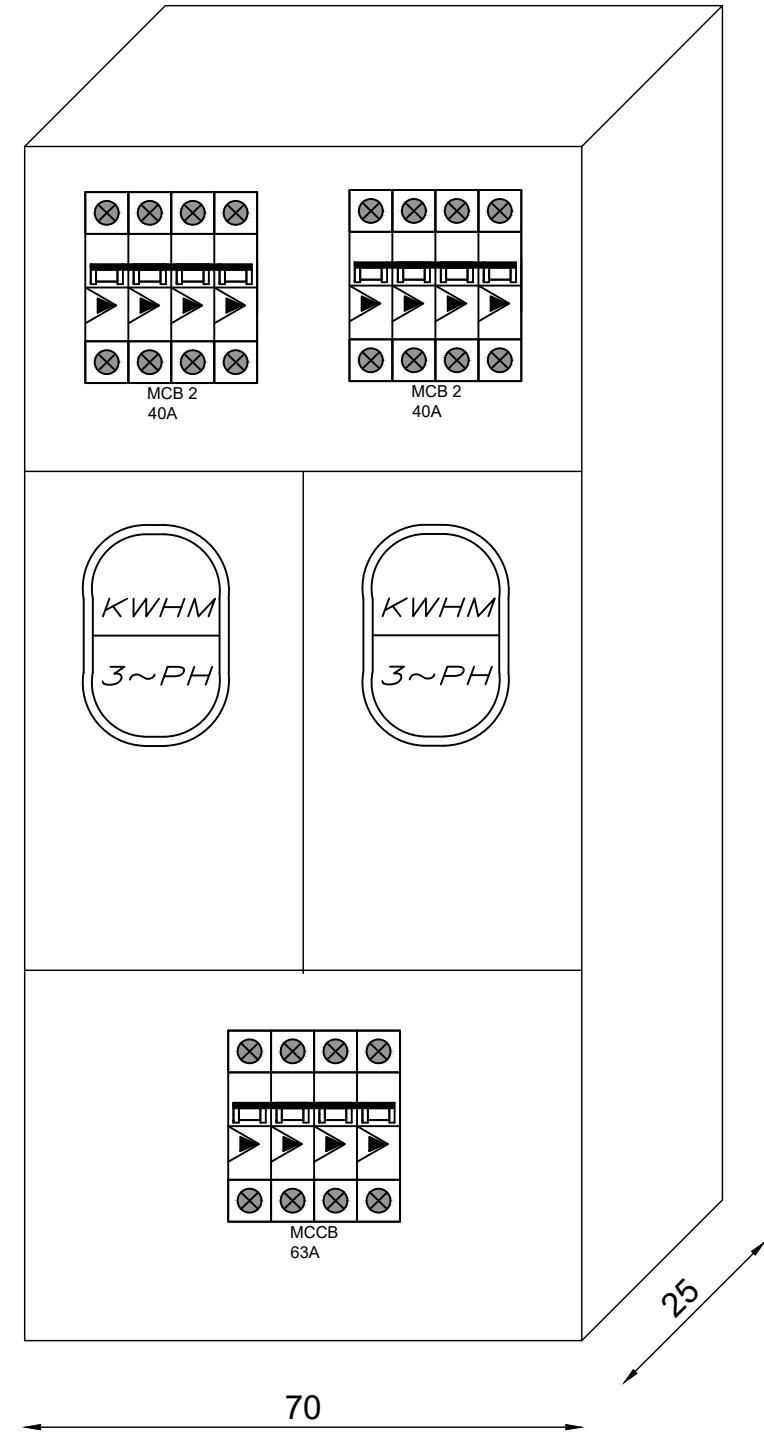


DC Box

40

20





Notes

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Legend:

REVISIONS		
NO.	DRAWINGS	DATE
(1)	Final Design	13-SEP-2023
(2)		
(3)		

Project Name:

SUPPLY AND INSTALLATION OF
ROOF-TOP SOLAR PHOTOVOLTAIC
SYSTEMS ON GENERAL CONSULATE OF
BELGIUM IN JERUSALEM

Contracting Authority:

Enabel

Project Ref.:

2275PSE-10040

Designed by:

ALHIRBANI

Drawing Title	Main distribution Board	Date: 06-11-2023 Scale: XX
Designed by:	ALHIRBANI FOR INDUSTRIAL TECHNOLOGY	Drawing No:
Checked by:	Walid Aboudi	E07
Approved by:	Walid Aboudi	
Coordinate Manager:	Alexis Doucet	