

All Dimensions in drawing in meter otherwise as specified in drawing

**MEDAIR**

each life matters

PROJECT NAME:

# Alrebat-Charbi –Solar Pumping System

DRAWING TITLE:

# General PV Array Site Plan

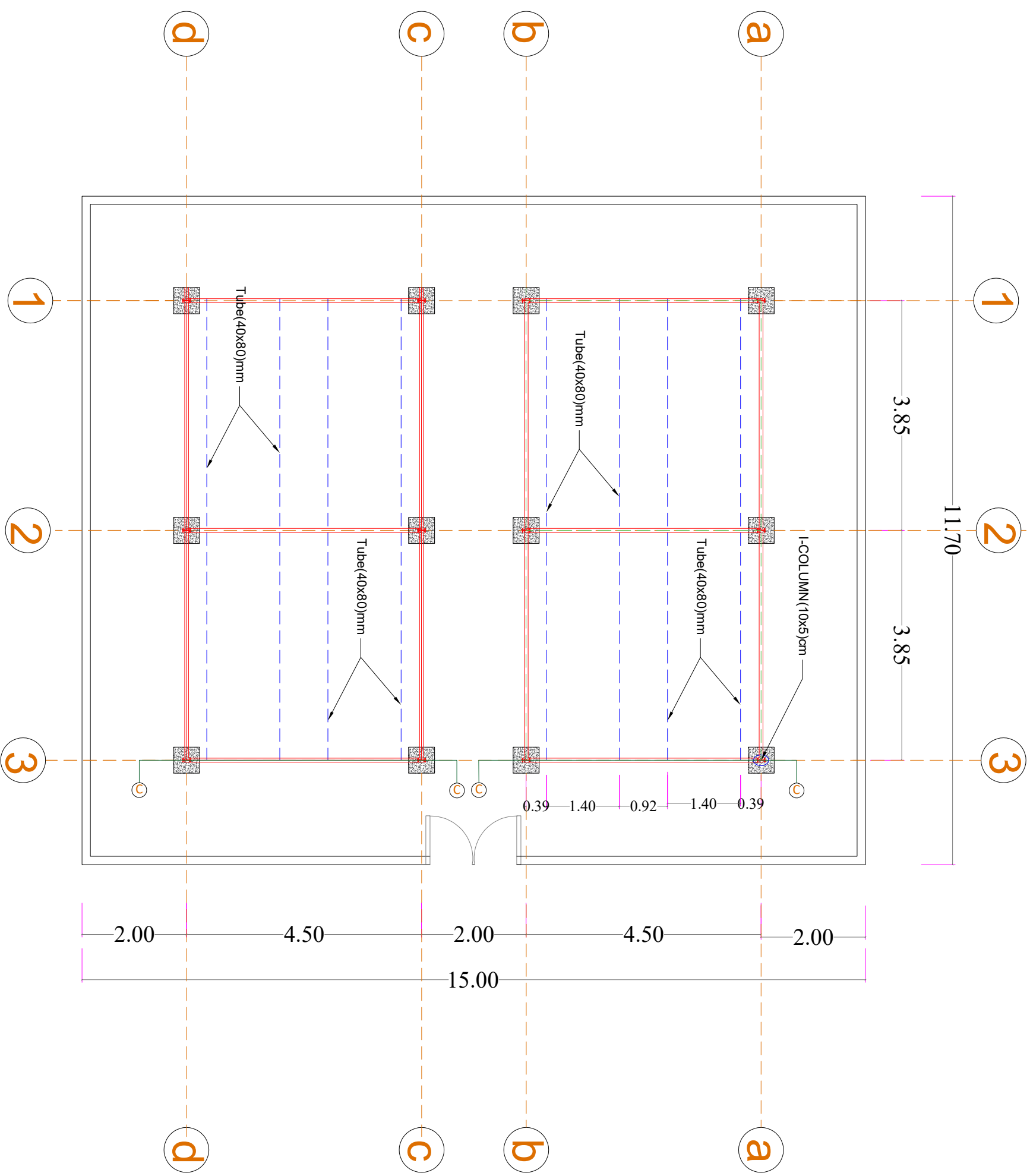
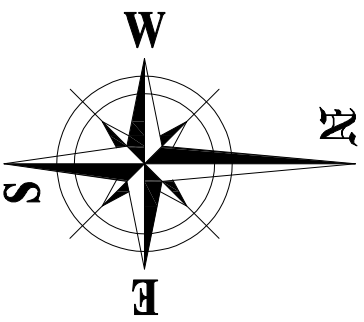
DESIGNED BY:

CHECKED BY:

DRAWING NO:  
(S-01)

SCALE: ( )

DATE: (23.Nov.2021)



All Dimensions in drawing in meter otherwise as specified in drawing

**MEDAIR**

each life matters

PROJECT NAME:

# Alrebat-Gharbi –Solar Pumping System

DRAWING TITLE:

## PV Mounting Structure Plan

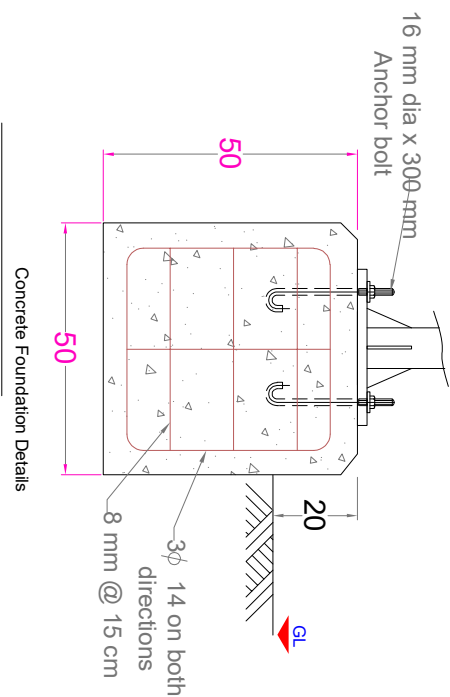
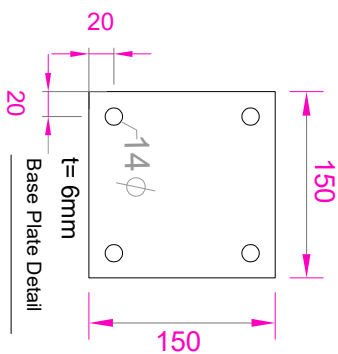
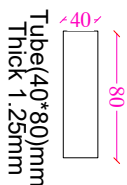
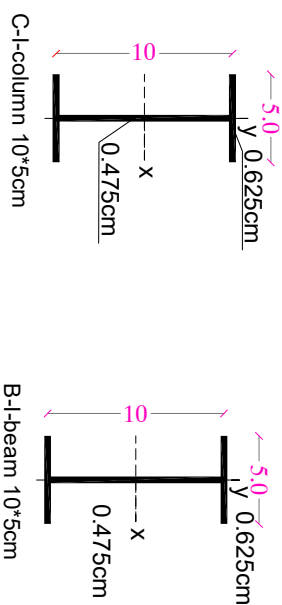
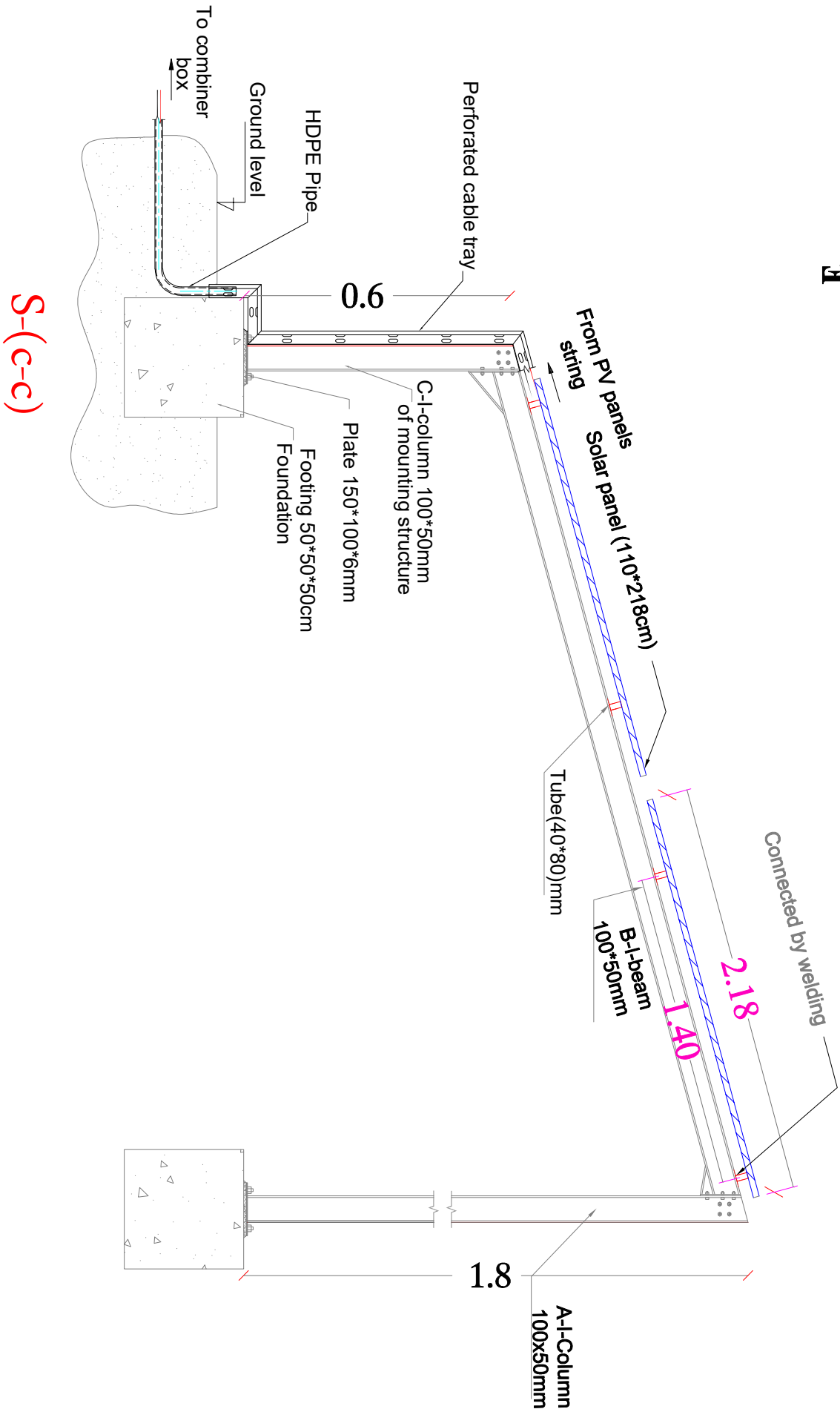
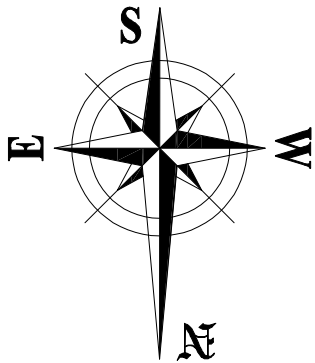
DESIGNED BY:

DRAWING NO.: (S-02)

SCALE: ( )

CHECKED BY:

DATE: (23.Nov.2021)



## PV MOUNTING STRUCTURE PLAN SIDE &SECTION VIEW DETAILS

All Dimensions in drawing in meter otherwise as specified in drawing

**MEDAIR**

*each life matters*

PROJECT NAME:

Alrebat—Gharbi —Solar Pumping System

DRAWING TITLE:

PV Mounting Structure Plan

DESIGNED BY:

E.Nabil Ghaleb

DRAWING NO:

(S-03)

SCALE:

( )

CHECKED BY:

DATE:

(23.Nov.2021)

All Dimensions in meter otherwise as specified in drawing

PROJECT NAME:

Alrebat—Charbi —Solar Pumping System

DRAWING TITLE:

Solar Cable Connections & Roots Detail Plan

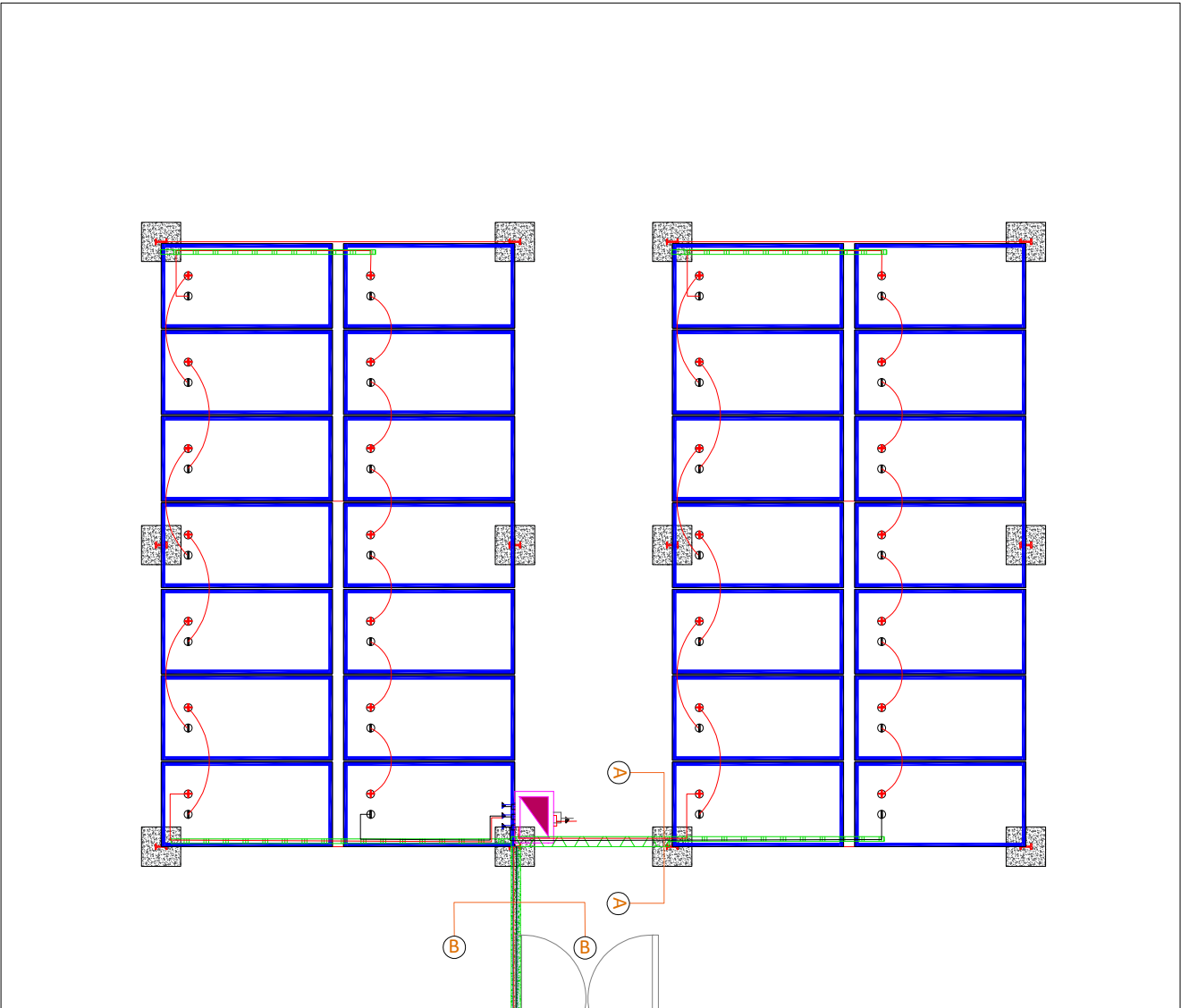
DESIGNED BY:

CHECKED BY:

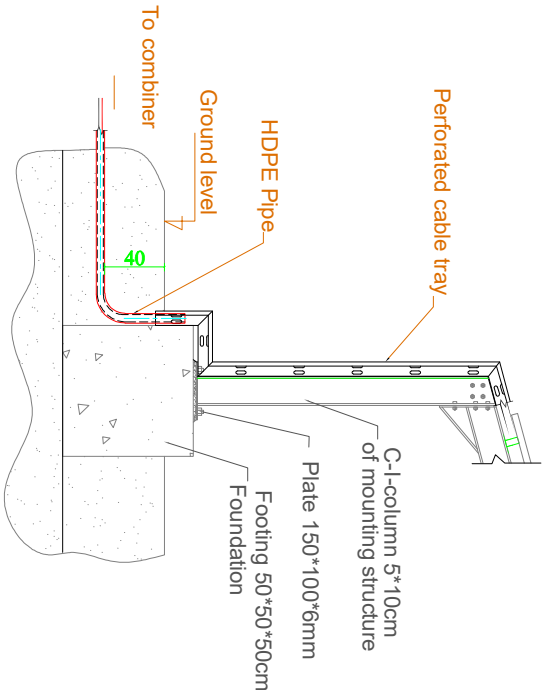
DRAWING NO: (S-04)

SCALE: ( )

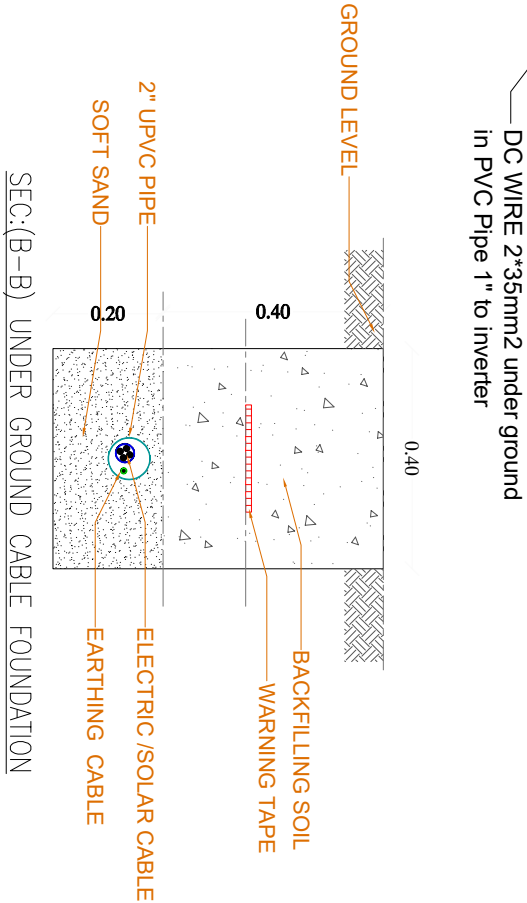
DATE: (23.Nov.2021)



→ DC WIRE 2\*35mm2 under ground  
in PVC Pipe 1" to inverter



SEC:(A-A) Cable Tray &Pipe Installation  
For Strings Solar cable



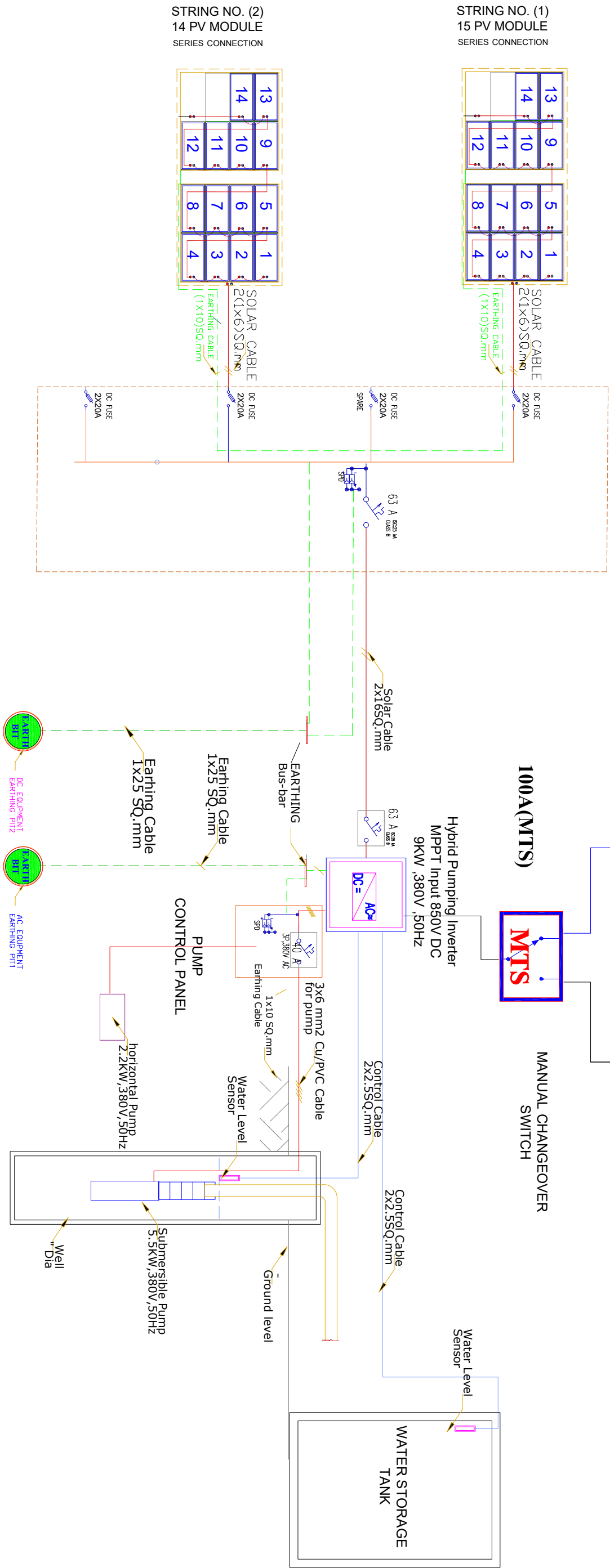
SEC:(B-B) UNDER GROUND CABLE FOUNDATION

PV MODULE  
Group Connection

Combiner Box

Hybird Pump Inverter

Submersible Pump



**SOLAR WATER PUMPING SYSTEM SINGLE LINE DIAGRAM (S.L.D)**

SCALE: 1:1

All dimensions in drawing are as per specification of the manufacturer.

**MEDAIR**

*each life matters*

PROJECT NAME:

Alrebat-Charbi -Solar Pumping System

DRAWING TITLE:

SOLR SYSTEM S.L.D

DESIGNED BY:

E.Nabil Ghaleb

DRAWING NO:

(S-05)

SCALE:

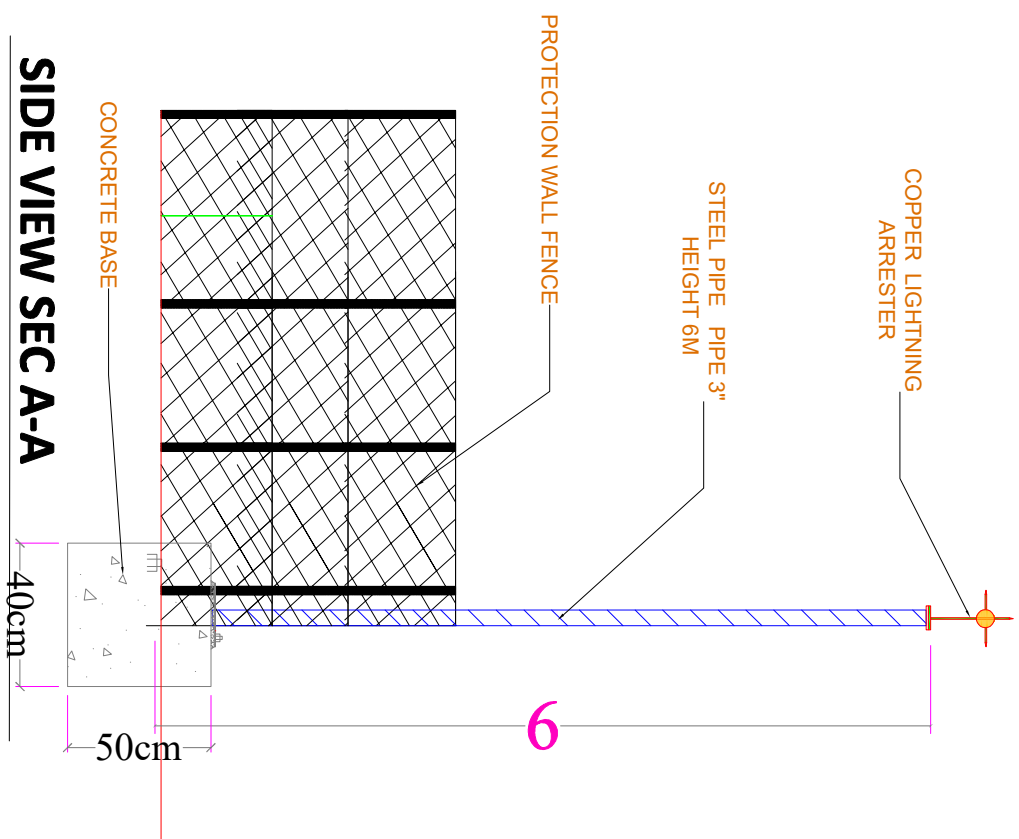
( )

CHECKED BY:

DATE:

(23.Nov.2021)

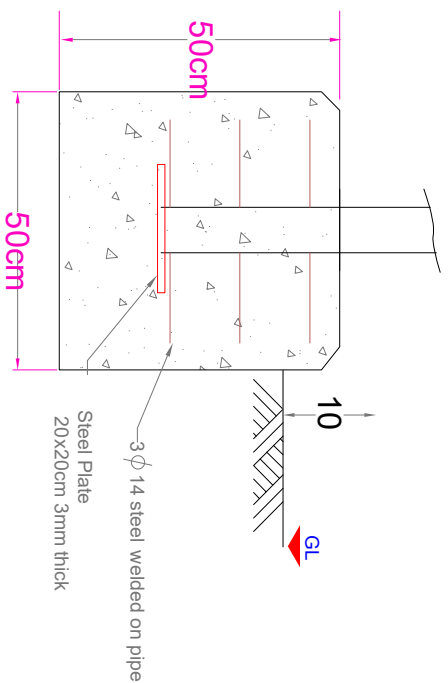




**SIDE VIEW SEC A-A**

40cm

**LIGHTNING ARRESTER DETAIL**



# Lightening Concrete Foundation Details

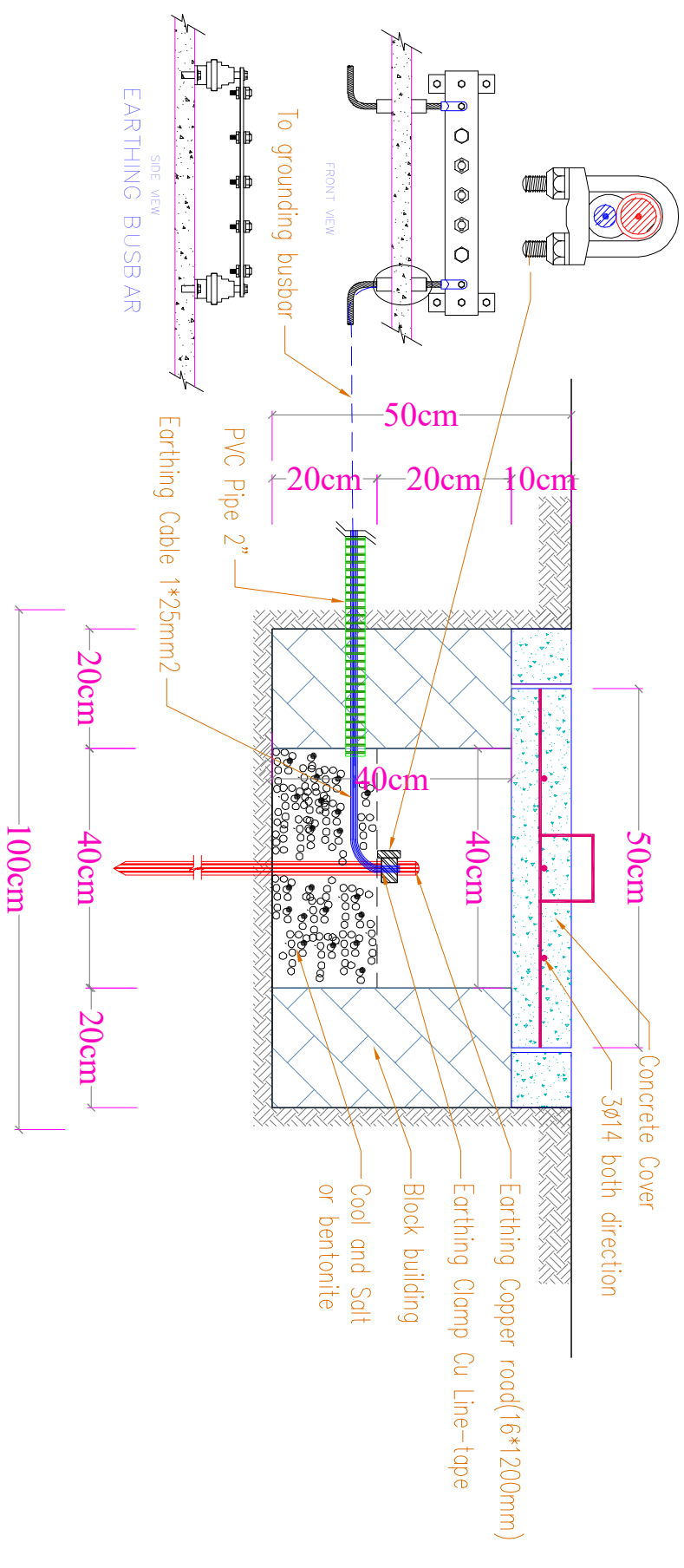
All dimensions drawing diameter thermocouple specified in drawing

PROJECT NAME:

# Alrebat-Gharbi –Solar Pumping System

**MEDAIR**

each life matters



## EARTH PIT DETAILS

DESIGNED BY:

E. Nabil Ghaïeb

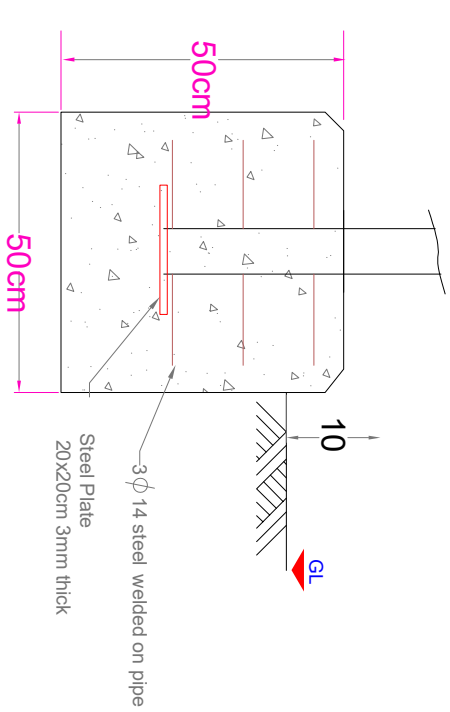
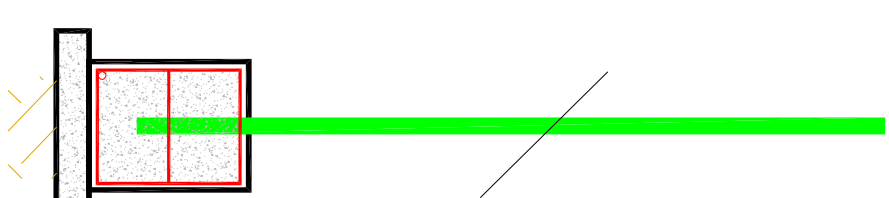
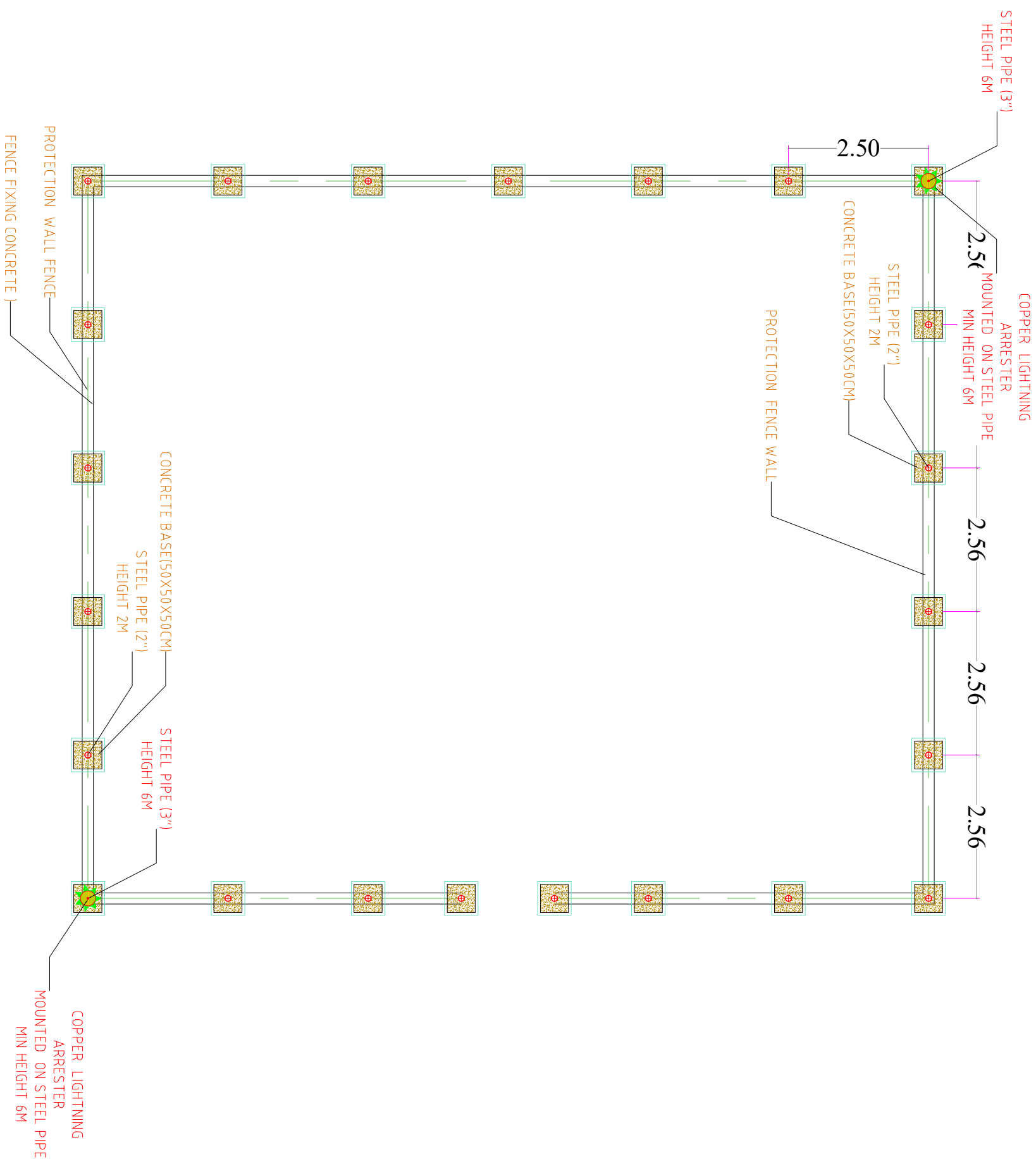
CHECKED BY:

DRAWING NO.: (S-07)

SCALE: ( )

DATE: (23.Nov.2021)





## lightening Concrete Foundation Details

All Dimensions in meter otherwise as specified in drawing

**MEDAIR**

each life matters

PROJECT NAME:

Alrebat-Gharbi –Solar Pumping System

DRAWING TITLE:

DESIGNED BY:

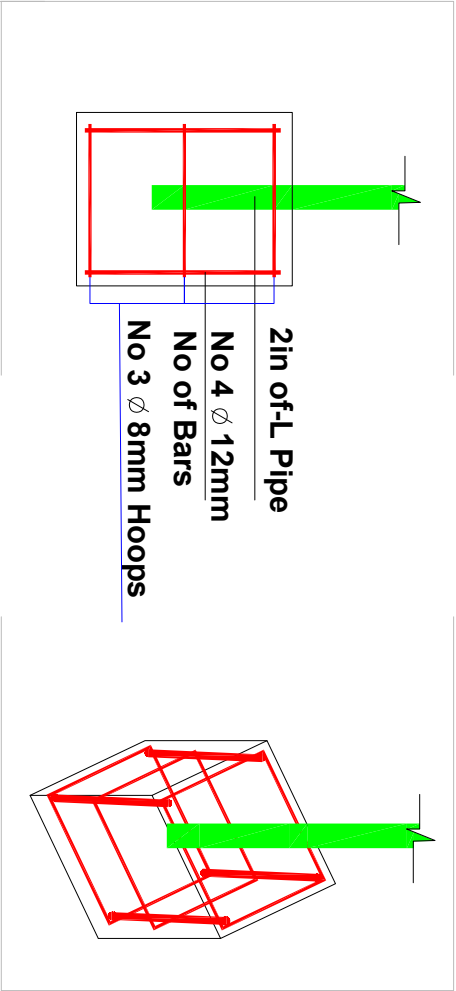
DRAWING NO.: (S-08)

SCALE: ( )

CHECKED BY:

DATE: (23.Nov.2021)





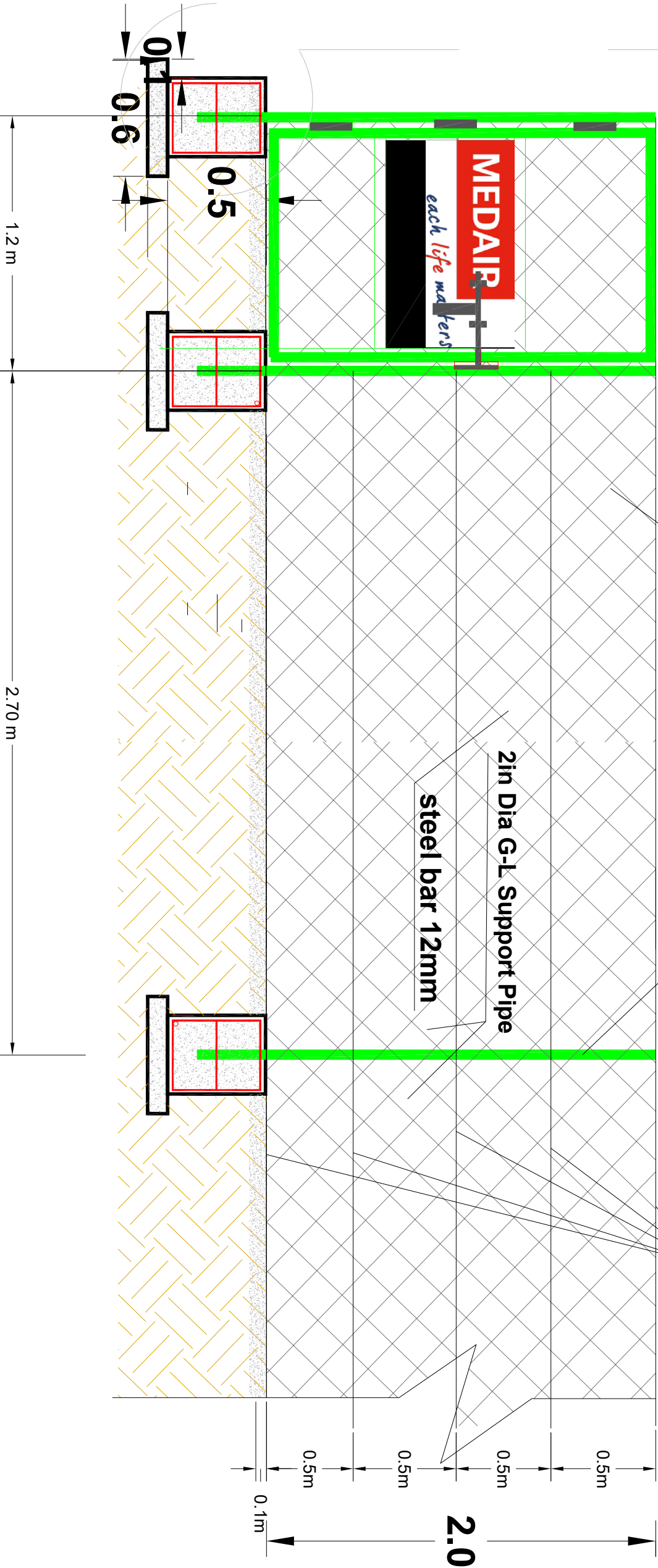
50mm Dia wire mesh

2in Dia G-L Pipe

steel bar 12mm

2in Dia G-L Support Pipe

steel bar 12mm



# Protection Fence Wall Foundation Details Plan

All Dimensions in meter otherwise as specified in drawing

**MEDAIR**

*each life matters*

PROJECT NAME:

Alrebat—Gharbi —Solar Pumping System

DRAWING TITLE:

DESIGNED BY:

CHECKED BY:

DRAWING NO: (S-09)

SCALE: ( )

DATE: (23.Nov.2021)