



Co-funded by
the European Union

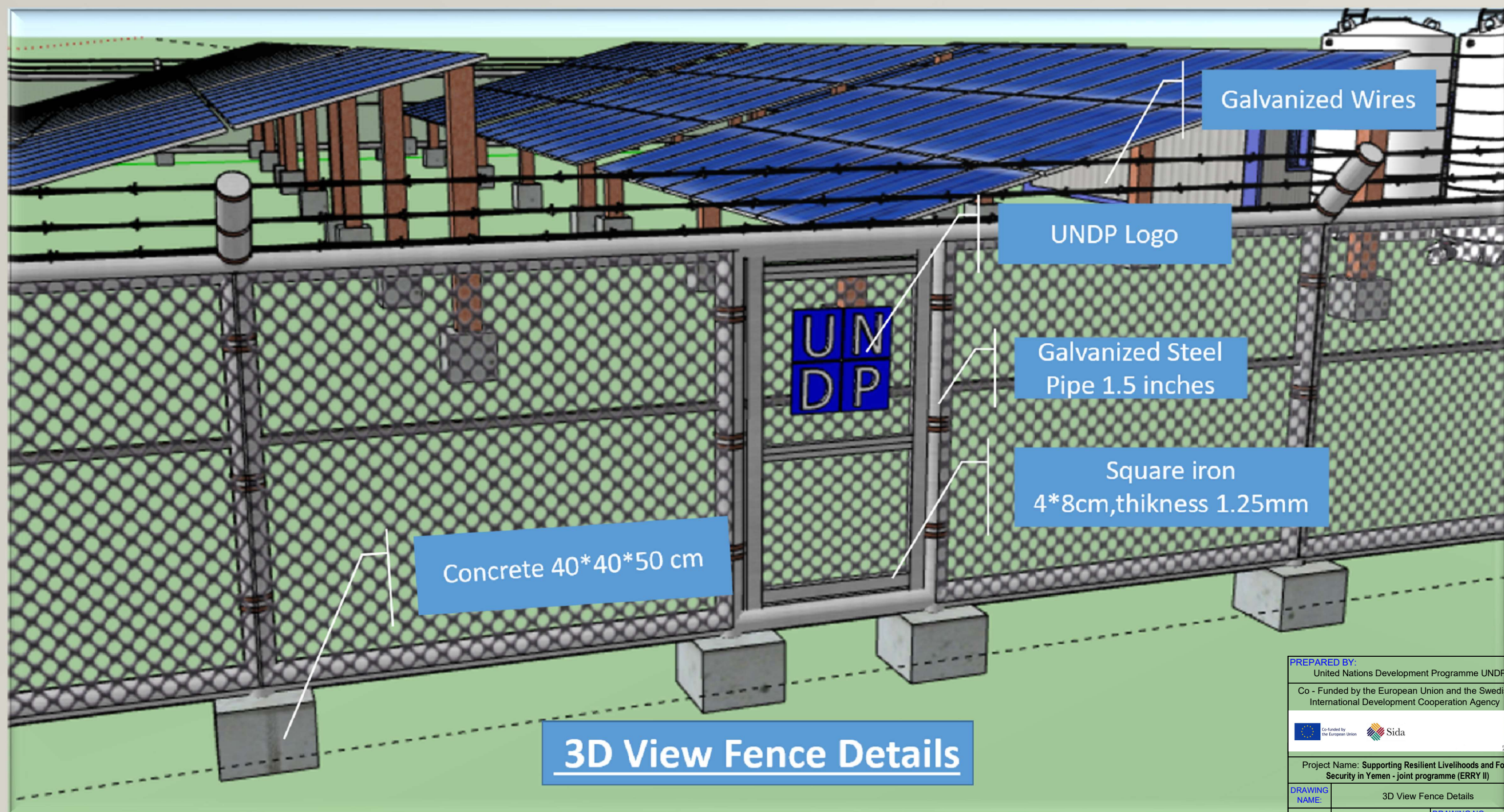


Empowered lives.
Resilient nations.

Drawing of Solar Pumping System

DRAWING LIST :

D1	3D View Fence Details
D2	WATER PUMP AND PIPING EQUIPMENT
D3	EARTHING PIT, LIGHTING PROTECTION AND BUS BAR DETAILS
D4	EARTHING SYSTEM AND LIGHTNING PROTECTION SYSTEM
D5	STRUCTURAL DESIGN
D6	PROJECT SIGN BOARD



Galvanized Wires

UNDP Logo

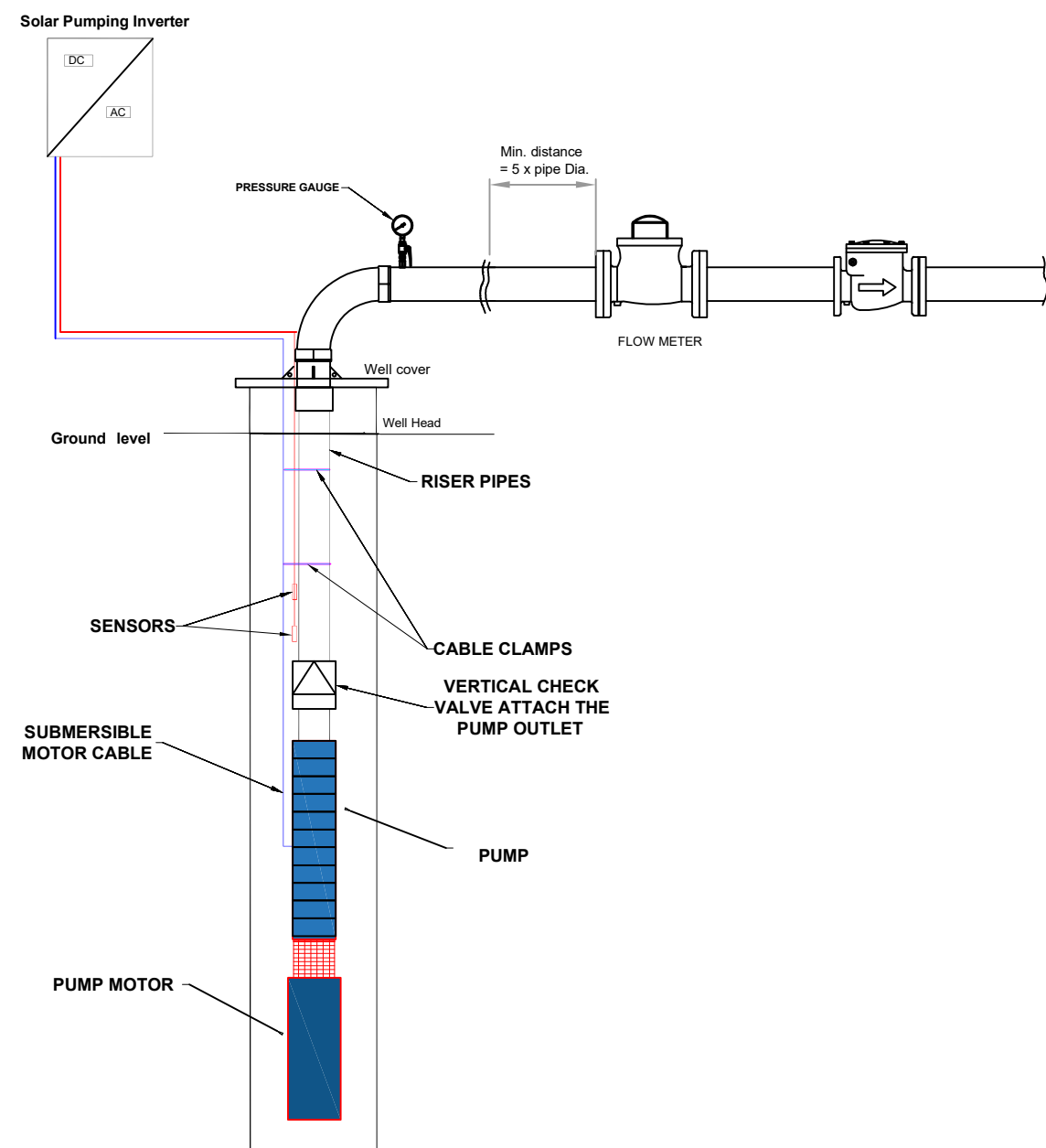
Galvanized Steel
Pipe 1.5 inches

Square iron
4*8cm,thickness 1.25mm

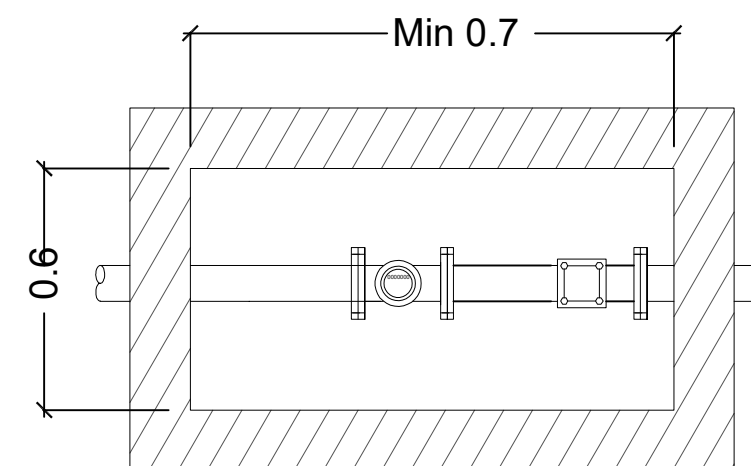
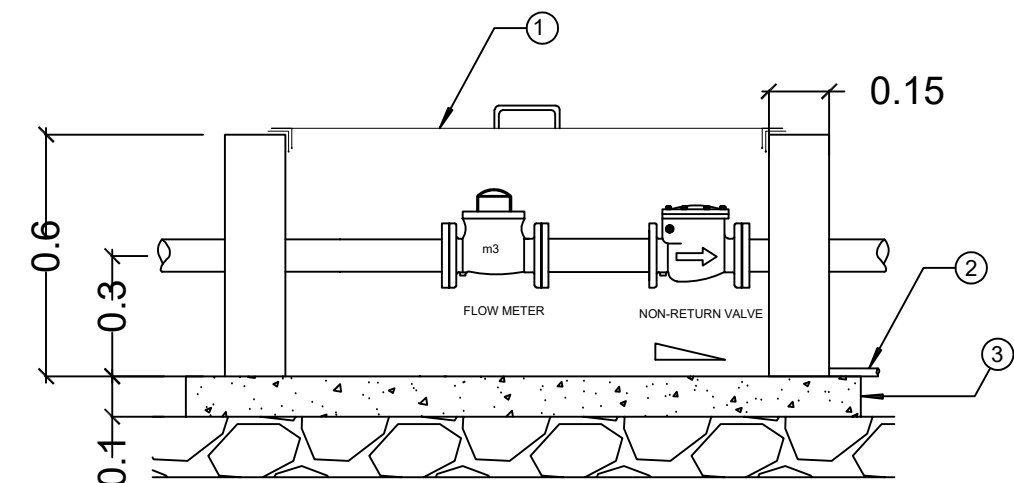
Concrete 40*40*50 cm

3D View Fence Details

PREPARED BY:	
United Nations Development Programme UNDP	
Co - Funded by the European Union and the Swedish International Development Cooperation Agency	
	
Project Name: Supporting Resilient Livelihoods and Food Security in Yemen - joint programme (ERRY II)	
DRAWING NAME:	3D View Fence Details
Contractor Ref.	DRAWING NO: D1



WATER PUMP AND PIPING EQUIPMENT



1. C.S cover, Min. plate thickness 3mm angle of the frame 50x50x5mm.
2. Drainage PVC pipe, 1 inch in the lower level.
3. 15cm solid concrete block Wall shall be plastered and painted from internal and external surfaces.

VALVE CHAMBER DETAILS

PREPARED BY:
United Nations Development Programme UNDP

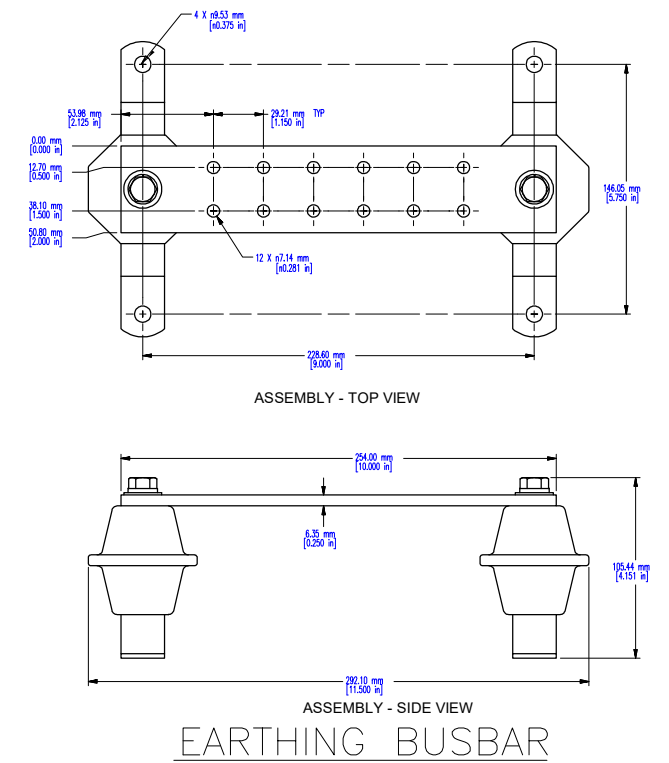
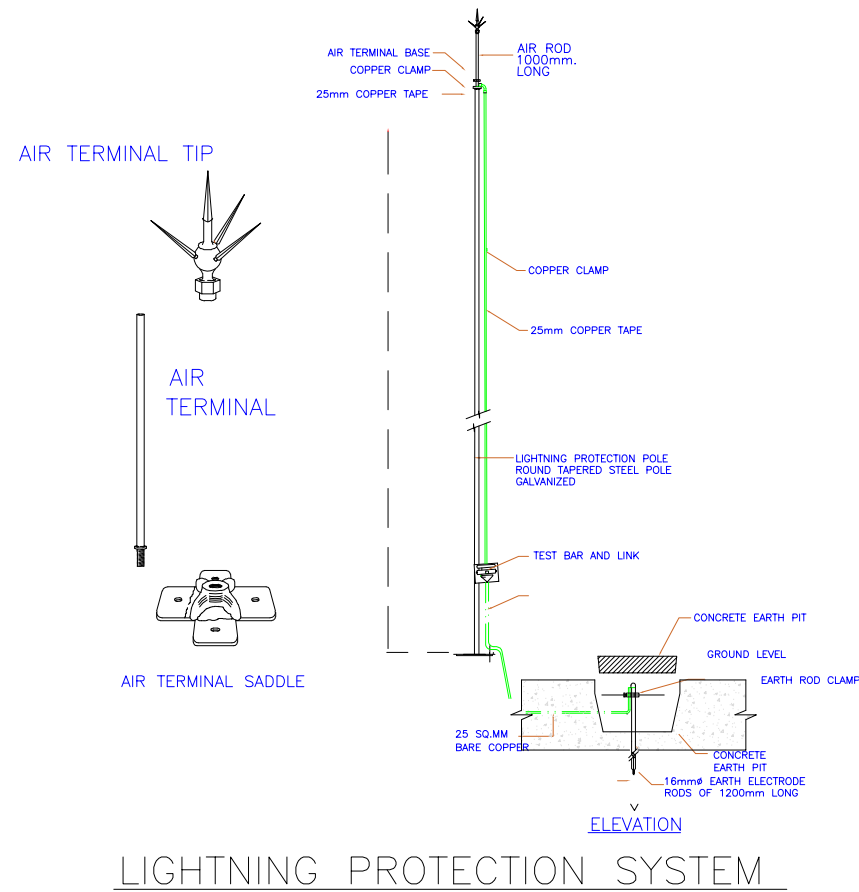
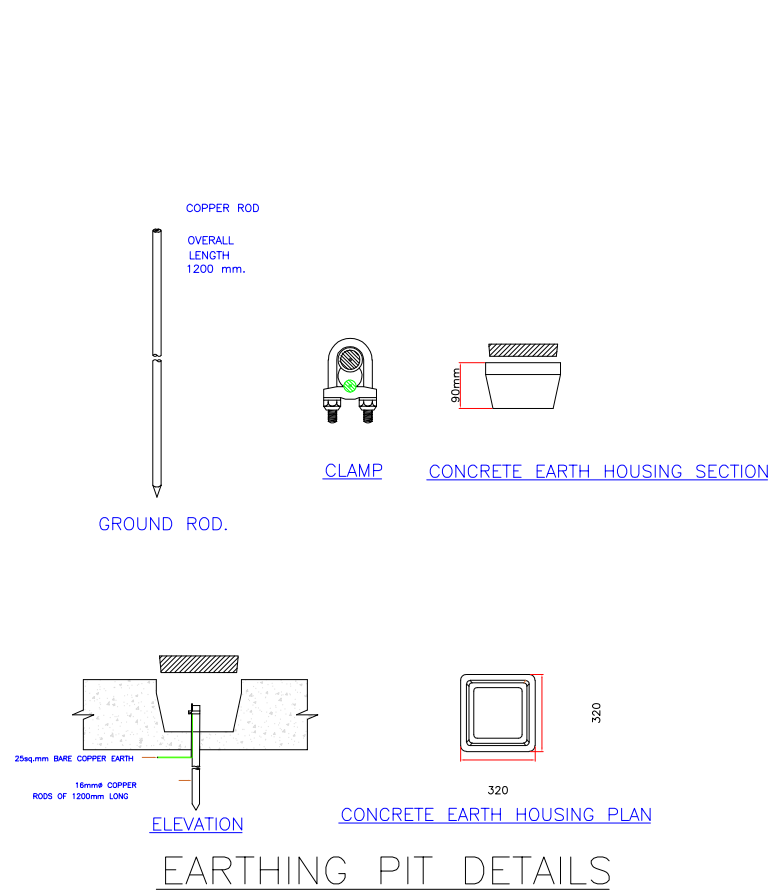
Co - Funded by the European Union and the Swedish International Development Cooperation Agency



Project Name: **Supporting Resilient Livelihoods and Food Security in Yemen - joint programme (ERRY II)**

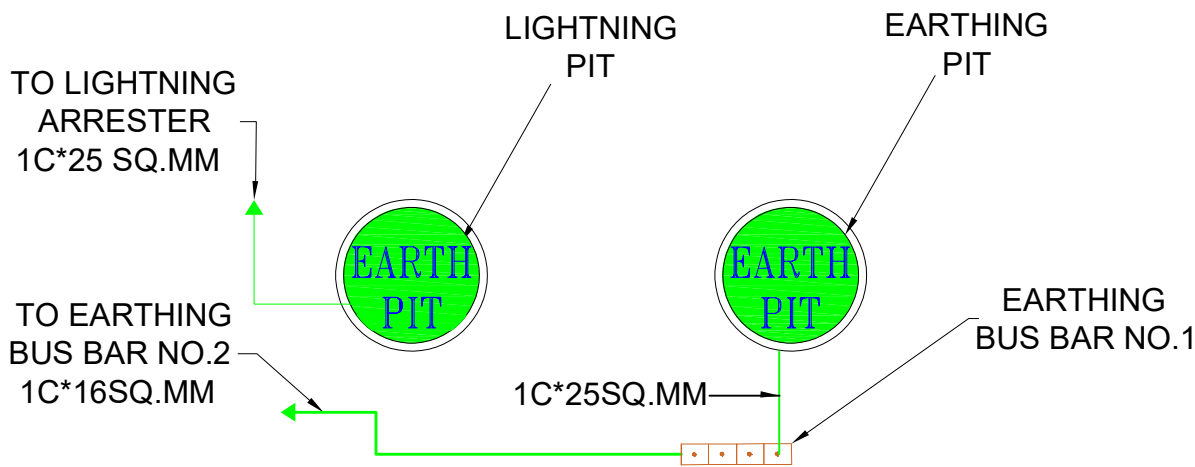
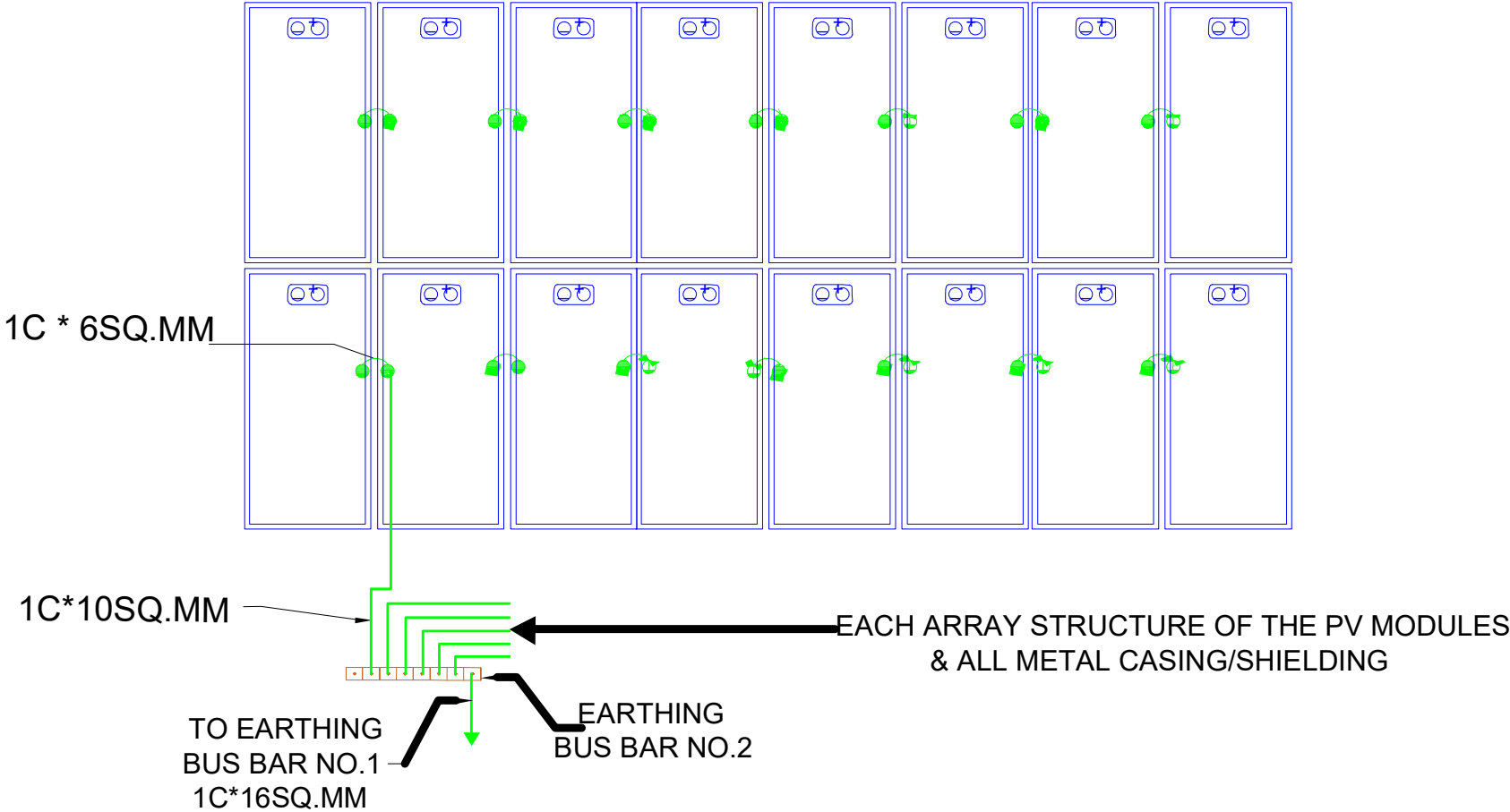
DRAWING NAME: WATER PUMP AND PIPING EQUIPMENT

Contractor Ref. **DRAWING NO:** D2






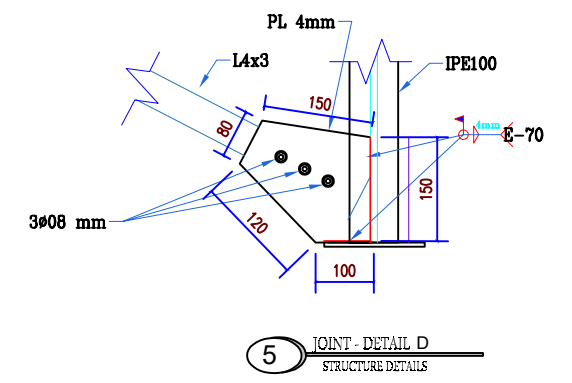
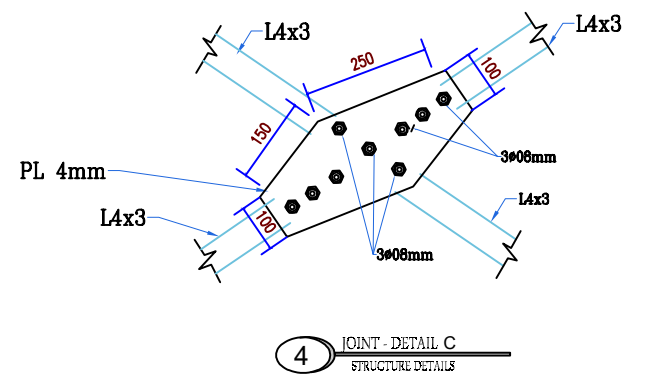
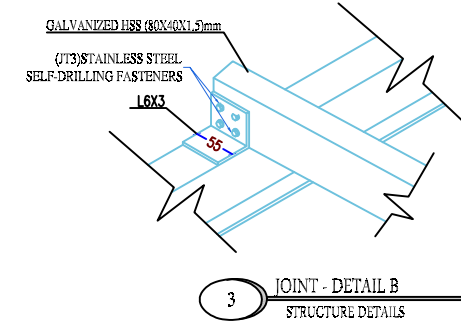
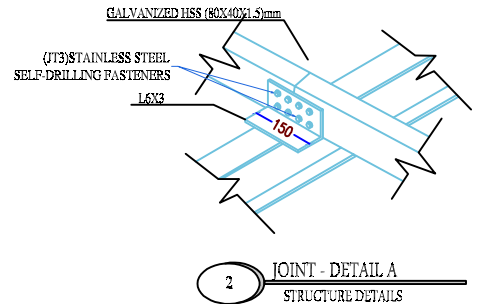
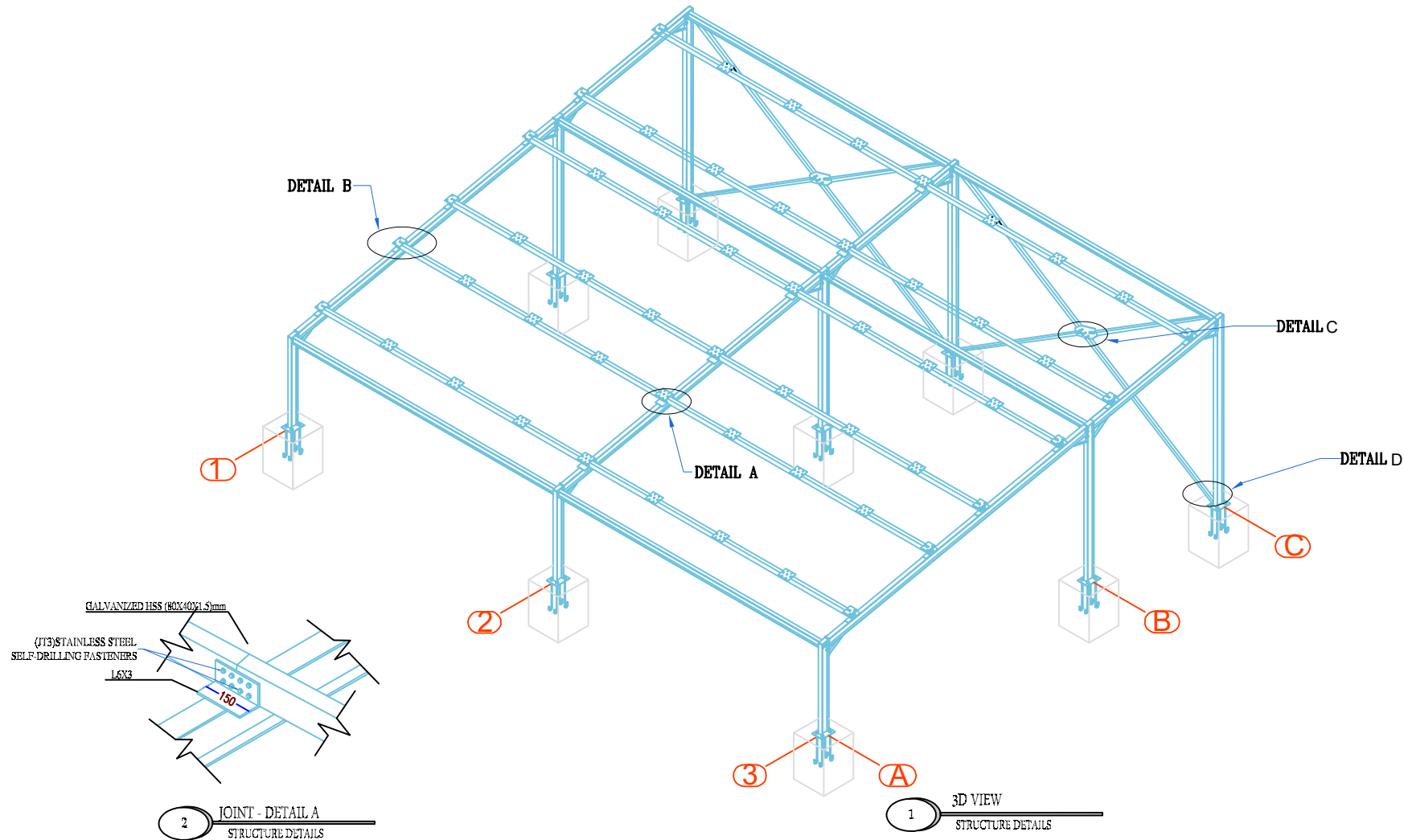
EARTHING PIT, LIGHTNING PROTECTION AND BUS BAR DETAILS

PREPARED BY: United Nations Development Programme UNDP	
Co - Funded by the European Union and the Swedish International Development Cooperation Agency	
 Co-funded by the European Union  Sida  UNDP	
Project Name: Supporting Resilient Livelihoods and Food Security in Yemen - joint programme (ERRY II)	
DRAWING NAME:	EARTHING PIT, LIGHTING PROTECTION AND BUS BAR DETAILS
Contractor Ref.	DRAWING NO: D3



EARTHING SYSTEM AND LIGHTNING PROTECTION SYSTEM

PREPARED BY: United Nations Development Programme UNDP	
Co - Funded by the European Union and the Swedish International Development Cooperation Agency	
 Co-funded by the European Union  Sida 	
Project Name: Supporting Resilient Livelihoods and Food Security in Yemen - joint programme (ERRY II)	
DRAWING NAME:	EARTHING SYSTEM AND LIGHTNING PROTECTION SYSTEM
Contractor Ref.	DRAWING NO: D4

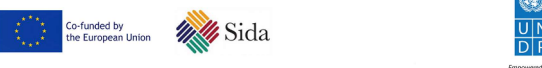


STRUCTURAL DESIGN

PREPARED BY: United Nations Development Programme UNDP		
Co - Funded by the European Union and the Swedish International Development Cooperation Agency		
Project Name: Supporting Resilient Livelihoods and Food Security in Yemen - joint programme (ERRY II)		
DRAWING NAME:	STRUCTURAL DESIGN	
Contractor Ref.		DRAWING NO: D5



PROJECT SIGN BOARD

PREPARED BY: United Nations Development Programme UNDP		
Co - Funded by the European Union and the Swedish International Development Cooperation Agency		
		
Project Name: Supporting Resilient Livelihoods and Food Security in Yemen - joint programme (ERRY II)		
DRAWING NAME:	PROJECT SIGN BOARD	
Contractor Ref.		DRAWING NO: D6