



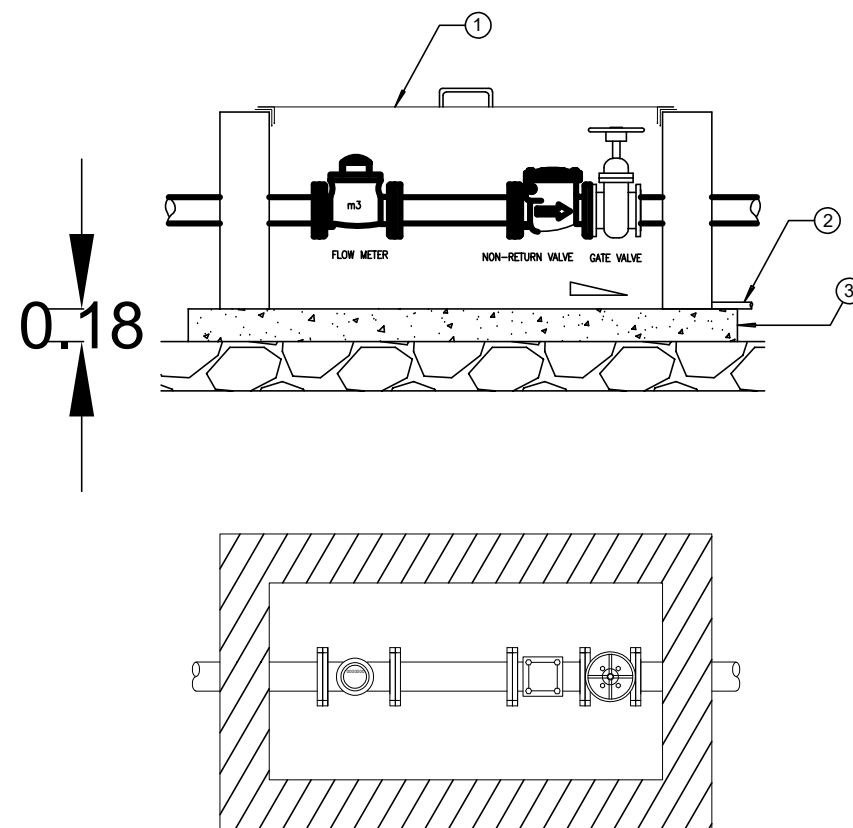
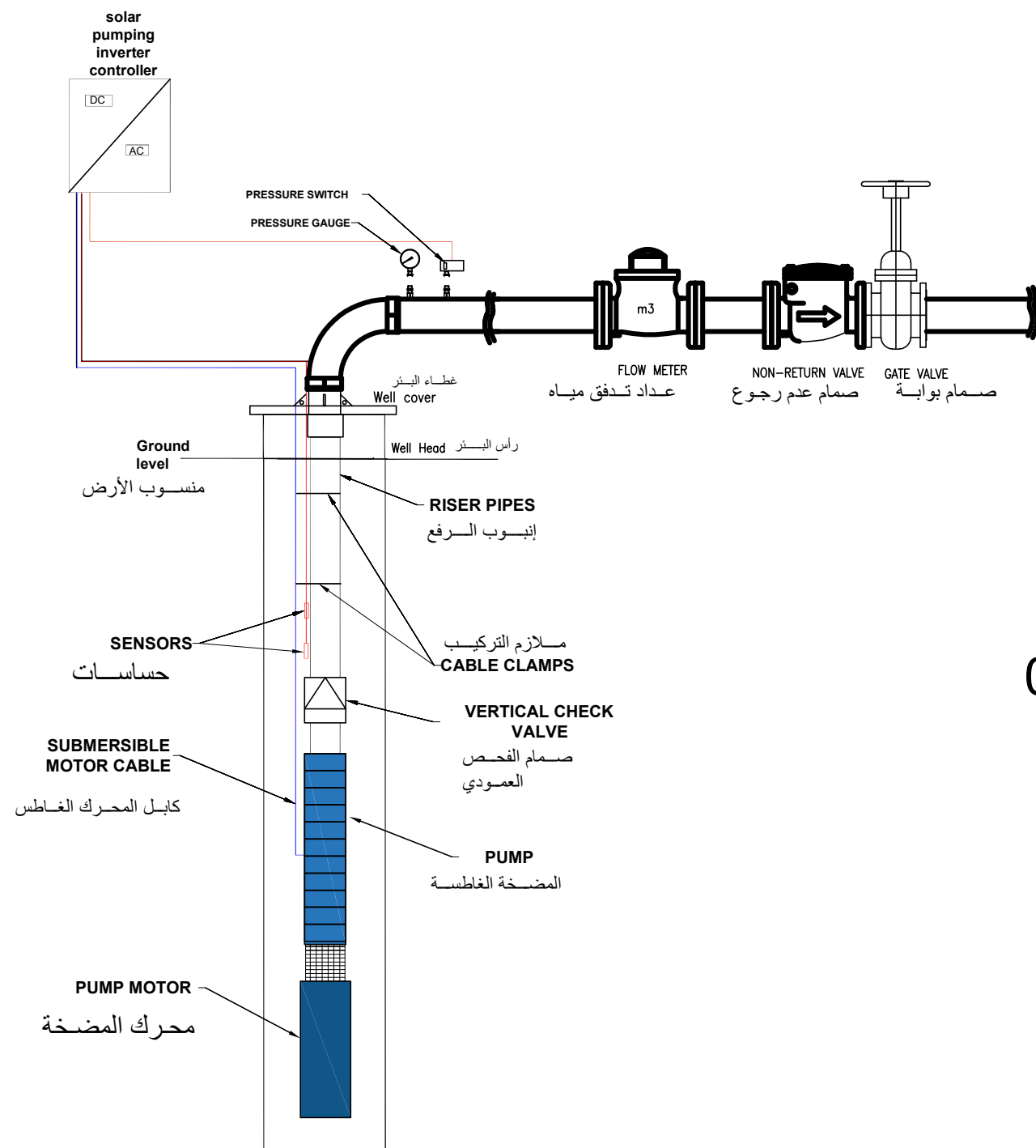
PROJECT:

SUPPLY AND INSTALL OF SOLAR SYSTEM FOR ALAKHMOUR WS ALMAWSET DISRICT TAIZ GOVERNAMENT

DRAWING LIST:-

NO	DRAWING TITLE	NO	DRAWING TITLE
A1 - 01	REFERENCE		
A1 - 02	PUMP DETAILS		
A1 - 03	STREET LIGHT DETAILS		
A1 - 04	SOLAR BASE PLAN		
A1 - 05	SOLAR BASE SECTION		
A1 - 06	SOLAR BASE SECTION		
A1 - 07	SOLAR BASE DETAILS		
A1 - 08	FENCE DETAILS		

Prepared by:	Funded by:	Project Title:	Drawing Title:	Designed and reviewed by:	Status:	North:	Drawing No:
		Alakhmour	REFERENCE	SPRY - WASH Sector	Second Draft		A1-01
		Project Location:	Project Code:	Approved by:	Project No.	Paper Size:	
		Taiz - Al Mawaset - Alakhmour	Taiz in Emergency	SPRY - WASH Sector	Date	Scale	
					11-04-2021	As Shown	



Notes :

Length of the chamber will be adjusted according to the dimensions of the valves, connections and fitting so the valve shall be positioned with enough space for removing and reinstallation during maintenance.

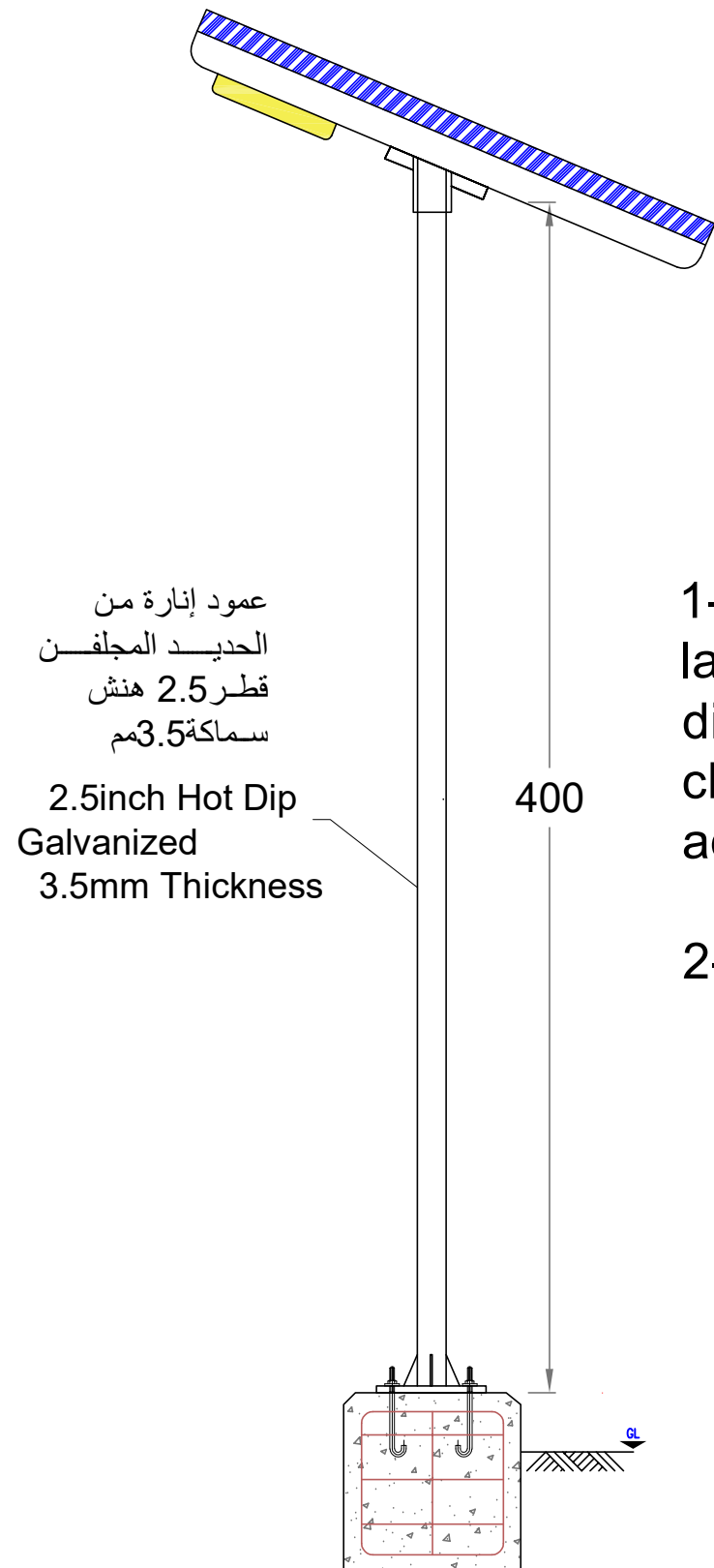
All dimensions in meter.

VALVE CHAMBER DETAILS

Pumping unite design details

تفاصيل وحدة الضخ

Prepared by:	Funded by:	Project Title:	Drawing Title:	Designed and reviewed by:	Status:	North:	Drawing No:
Samaritan's Purse® INTERNATIONAL RELIEF	Samaritan's Purse® INTERNATIONAL RELIEF	Alakhmour	Pump Details	SPRY - WASH Sector	Second Draft	N W E S	A1-02
		Project Location:	Project Code:	Approved by:	Project No:		
		Taiz - Al Mawaset - Alakhmour	Taiz in Emergency	SPRY - WASH Sector	Date	11-04-2021	
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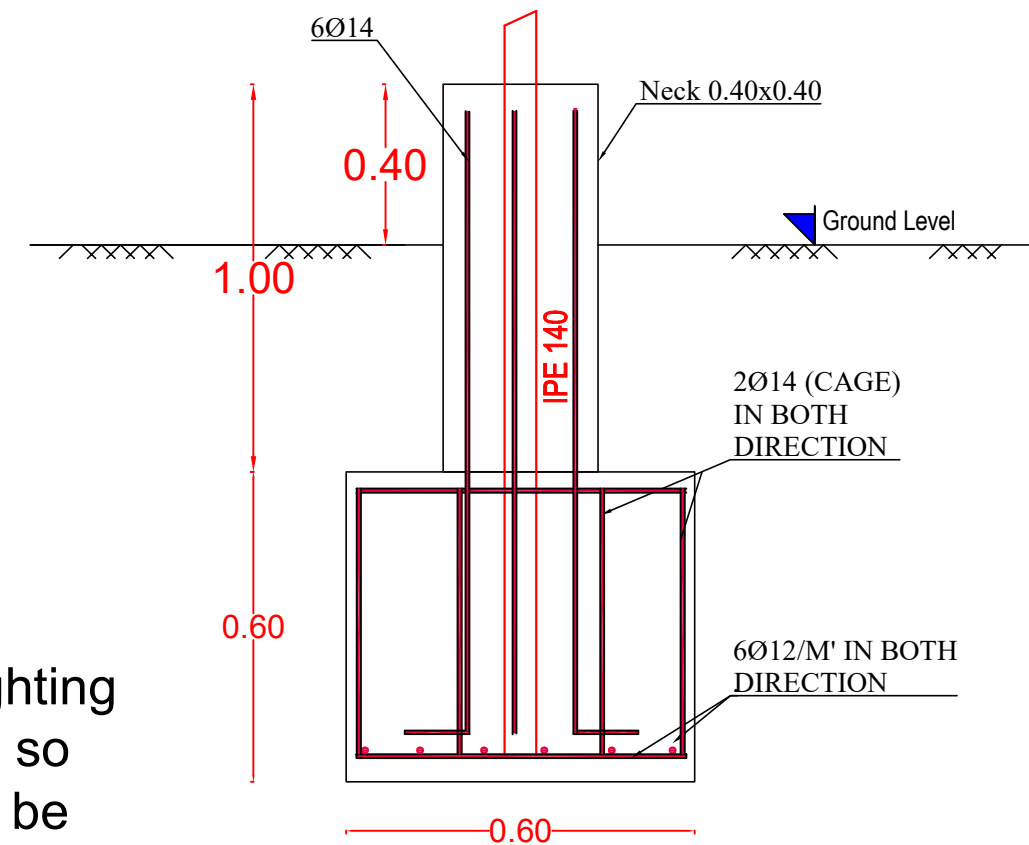


1- Shading of PV module of the street lighting lamp on the PV panels shall be avoided, so distance from the post to PV modules to be checked by contractor according to site adjustments and conditions.

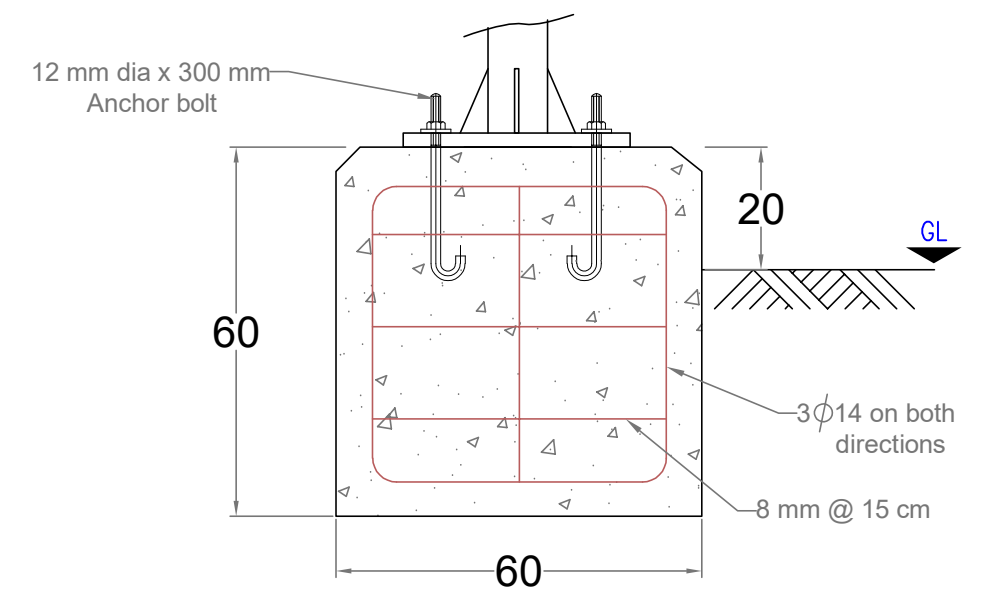
2- All dimensions on cm.

Street Light Details

تفاصيل أعمدة الإنارة



Details of Concrete foundation and column for solar panels

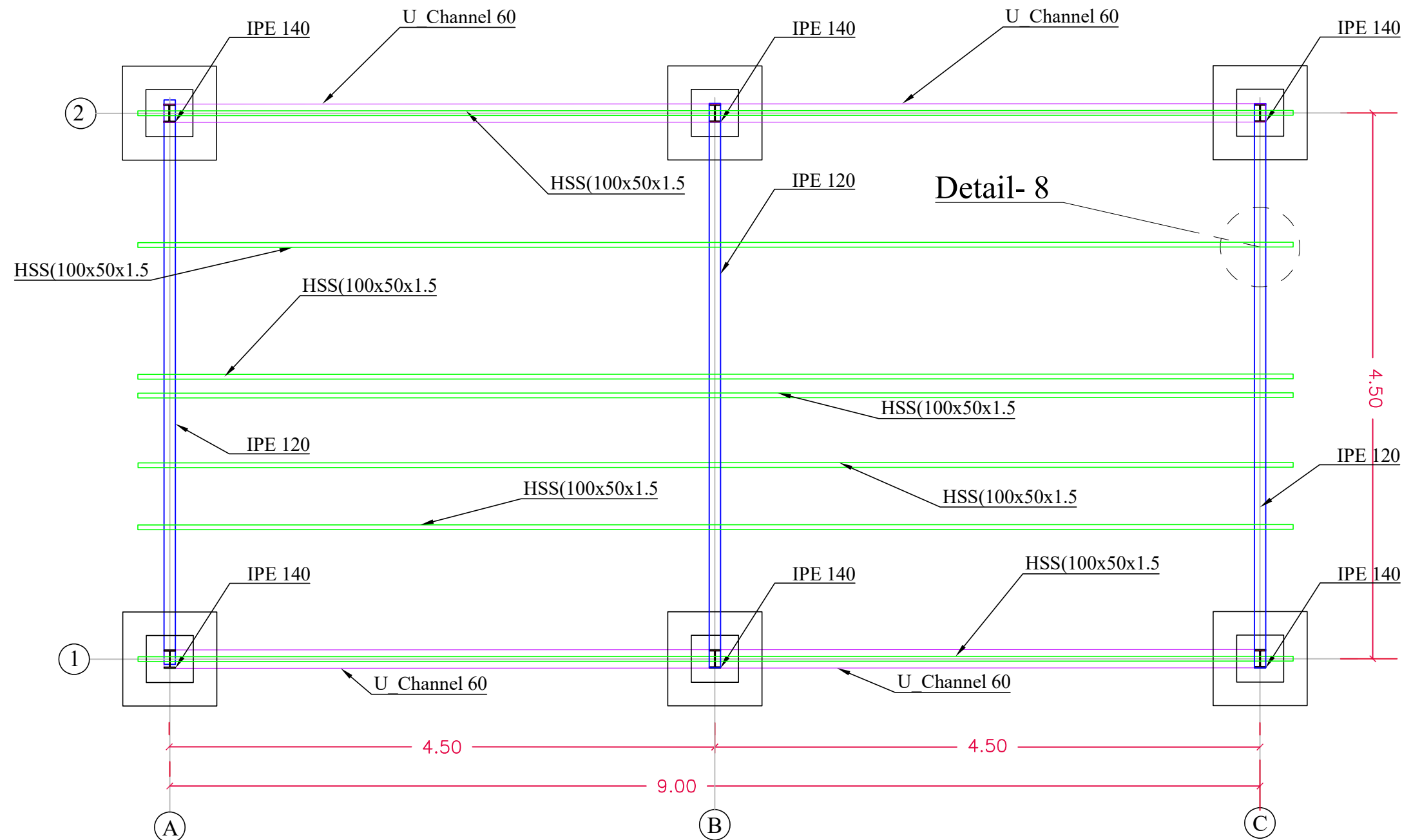


Pole Concrete Foundation Details

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		Alakhmour	Street Light Details	SPRY - WASH Sector	Second Draft		A1-03
		Project Location:	Project Code:	Approved by:	Project No:	Paper Size:	
		Taiz - Al Mawaset - Alakhmour	Taiz in Emergency	SPRY - WASH Sector	Date	Scale	
					11-04-2021	As Shown	

REMARKS :

- 1- STAND DESIGN CAPACITY IS ONLY SIXTEEN SOLAR PANELS (992x1960mm).
- 2-YIELD STRENGTH FOR STEEL SECTIONS IS (350 N/mm²)
- 3-ALL DIMENSIONS ARE IN METER
- 4- FOUNDATION DESIGNED BY USING THE BEARING CAPACITY OF SOIL IS (110 KN/m²)
- 5- COMPRESSION STRENGTH FOR STANDARD CONCRETE CUBE IS (25 N/mm²)



Solar Panel Foundation Plan

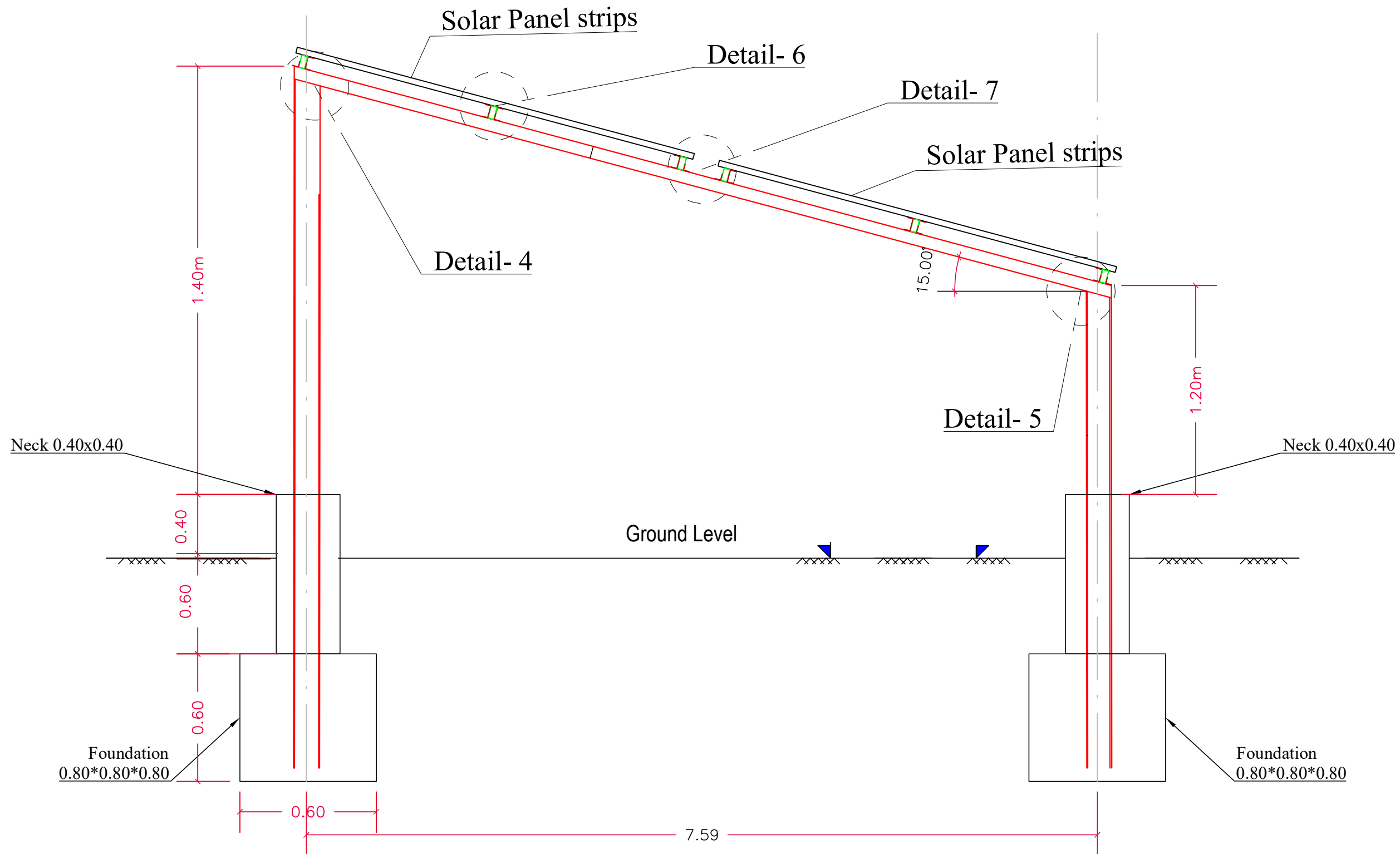
مسقط قاعدة الألواح الشمسية

Prepared by:	Funded by:	Project Title:	Drawing Title:	Designed and reviewed by:	Status:	North:	Drawing No:
		Alakhmour	Solar Base Plan	SPRY - WASH Sector	Second Draft		A1-04
		Project Location:	Project Code:	Approved by:	Project No:	Paper Size: A3	
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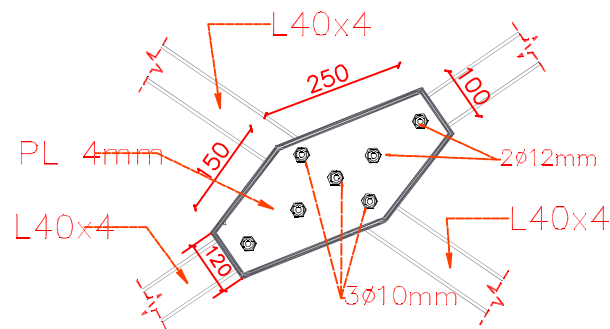
مقطع قاعدة الألواح الشمسية

Prepared by:	Funded by:	Project Title:	Drawing Title:	Designed and reviewed by:	Status:				North:	Drawing No:
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		Taiz - Al Mawaset - Alakhmour	Taiz in Emergency	SPRY - WASH Sector	Date	11-04-2021	Scale	As Shown		

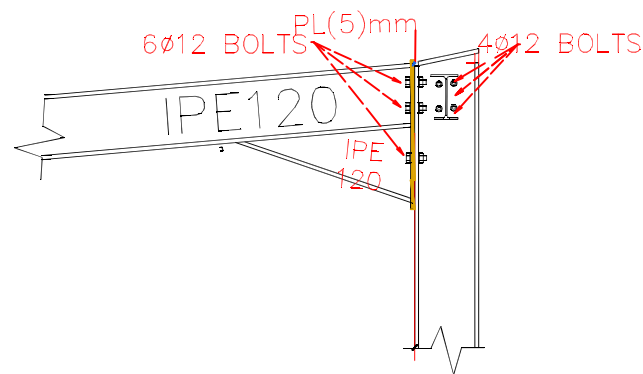


Solar Panel Foundation Section
 مقطع قاعدة الألواح الشمسية

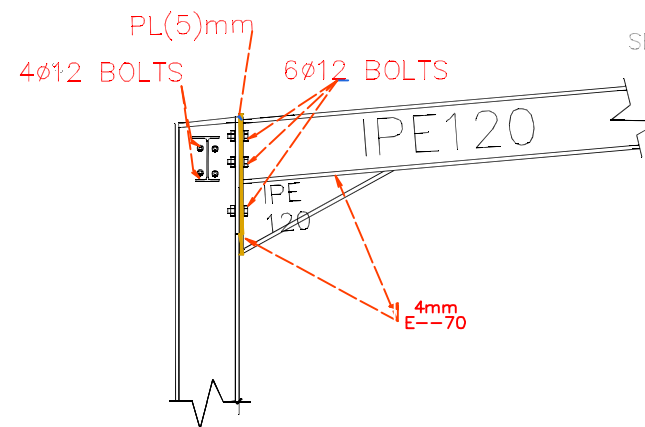
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		Alakhmour	Solar Base Section	SPRY - WASH Sector	Second Draft		A1-06
		Project Location:	Project Code:	Approved by:	Project No:	Paper Size:	
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					11-04-2021	As Shown	



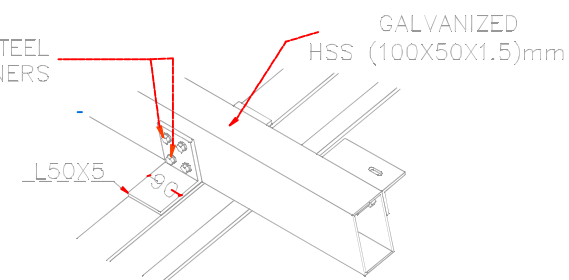
Detail- 3



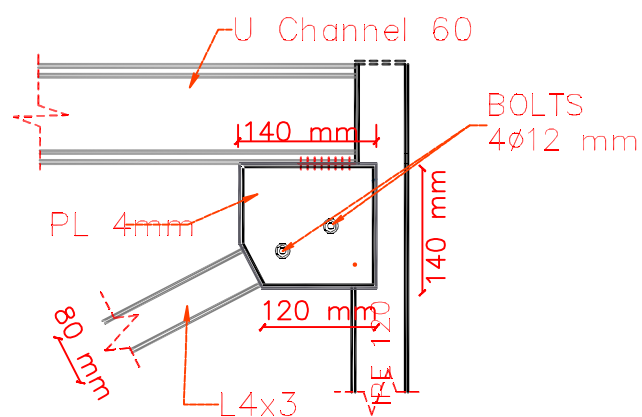
Detail- 4



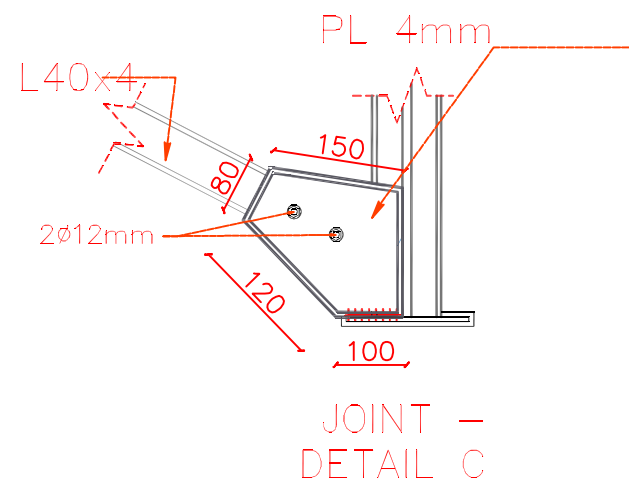
Detail- 5



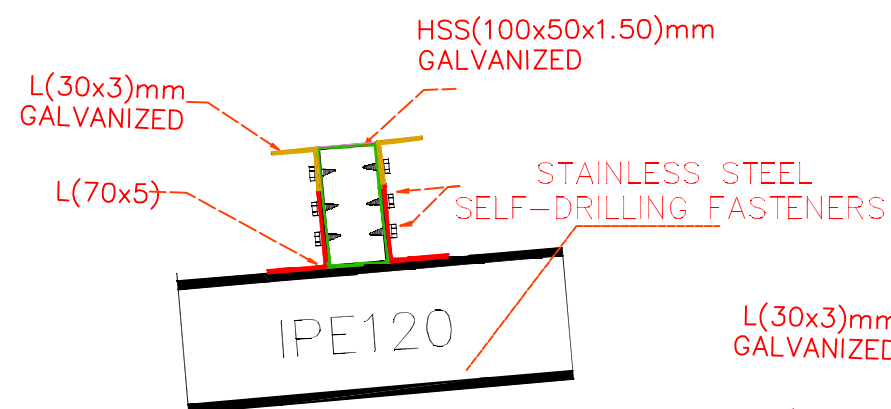
Detail- 8



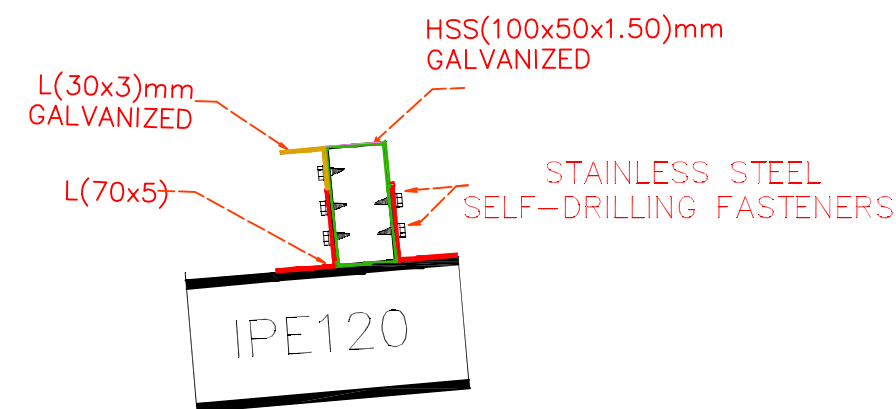
Detail- 1



Detail- 2



Detail- 6

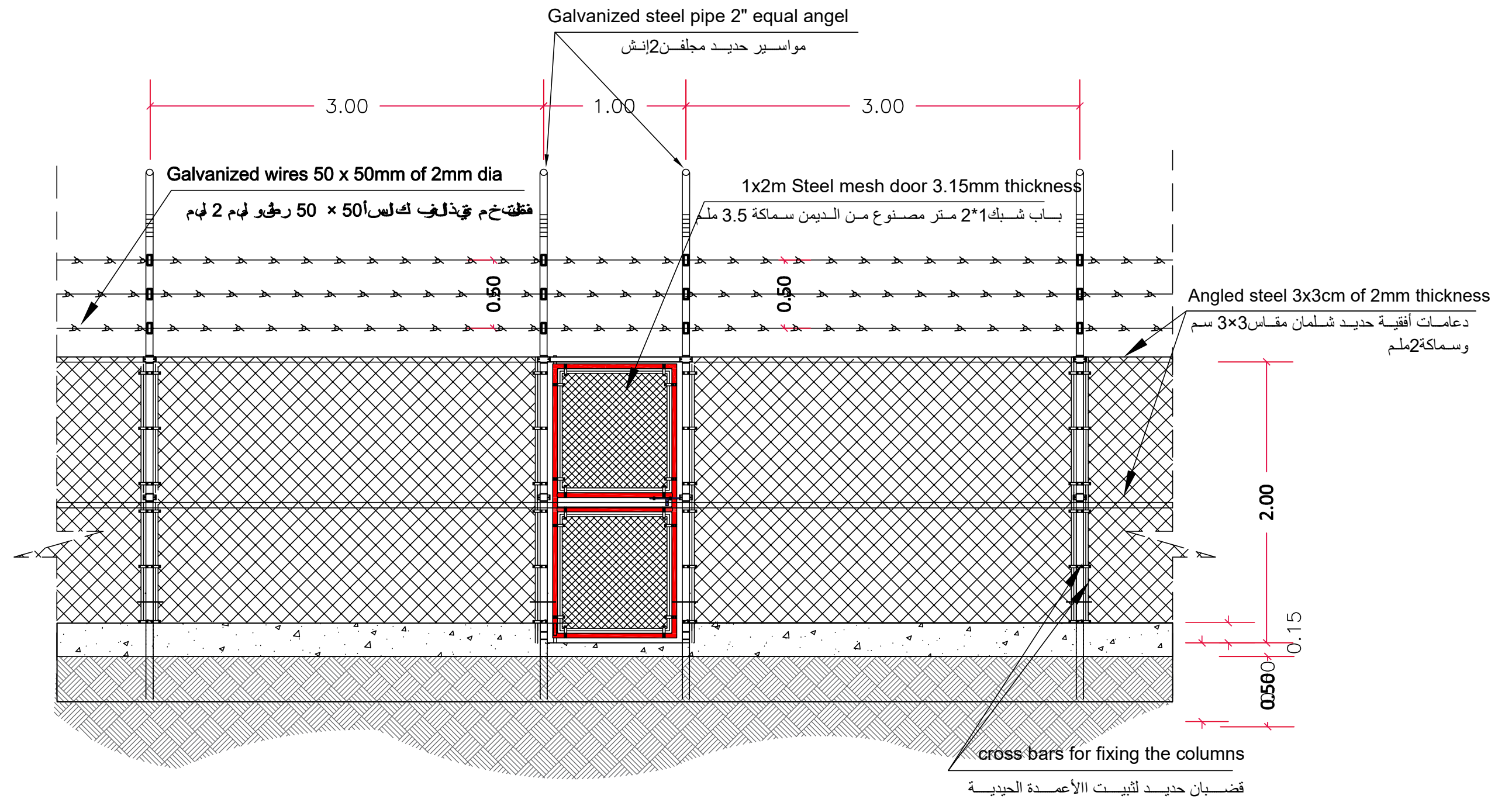


Detail- 7

Solar Panel Foundation Details

تفاصيل قاعدة الألواح الشمسية

Prepared by:	Funded by:	Project Title:	Drawing Title:	Designed and reviewed by:	Status:	North:	Drawing No:
		Alakhmour	Solar Base Details	SPRY - WASH Sector	Second Draft		A1-07
		Project Location:	Project Code:	Approved by:	Project No.	Paper Size:	
		Taiz - Al Mawaset - Alakhmour	Taiz in Emergency	SPRY - WASH Sector	Date	Scale	As Shown
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Prepared by:	Funded by:	Project Title:	Drawing Title:	Designed and reviewed by:	Status:	North:	Drawing No:
		Alakhmour	Fence Details	SPRY - WASH Sector	Second Draft		A1-08
		Project Location:	Project Code:	Approved by:	Project No:		
		Taiz - Al Mawaset - Alakhmour	Taiz in Emergency	SPRY - WASH Sector	Date	11-04-2021	
					Paper Size:	A3	
					Scale	As Shown	