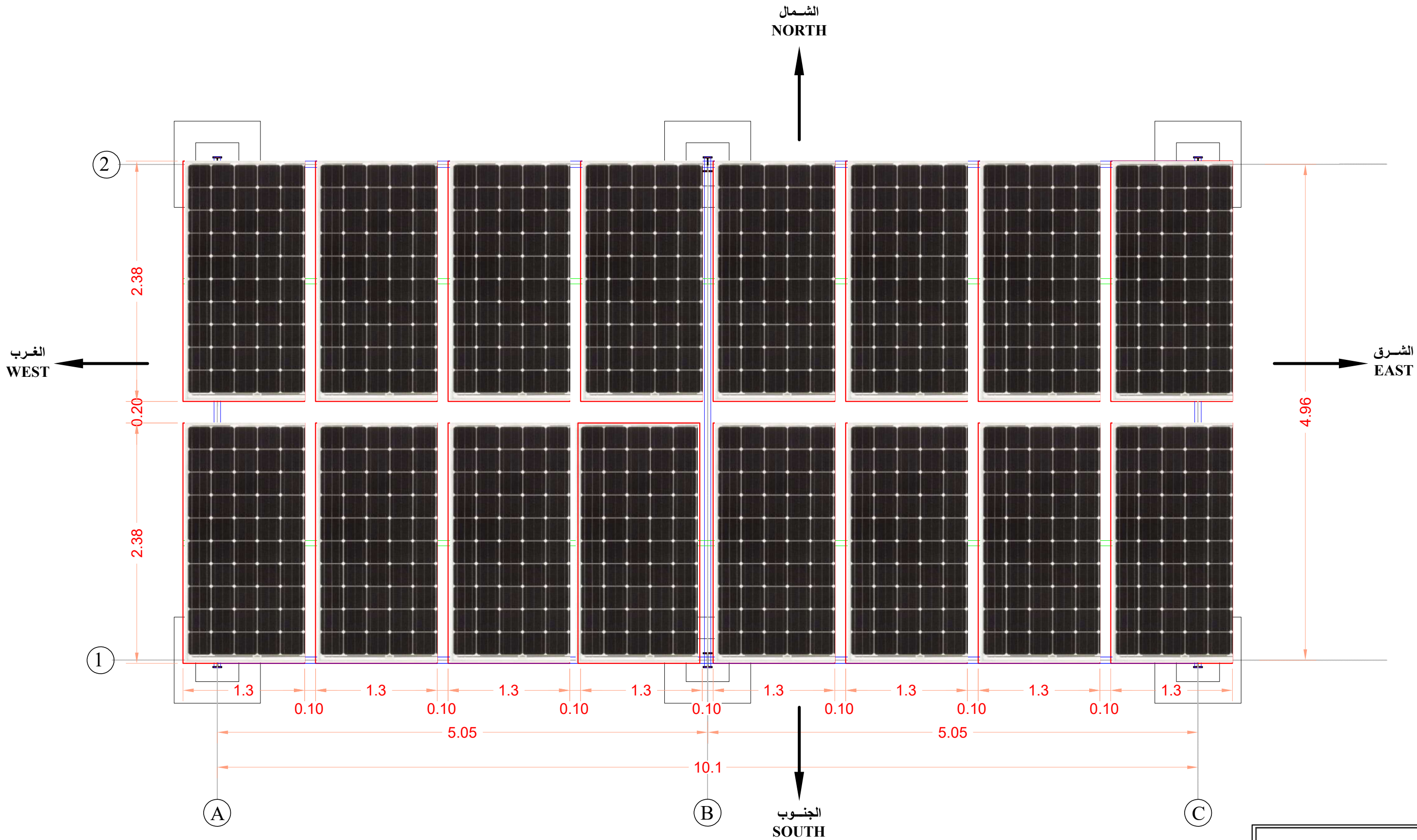


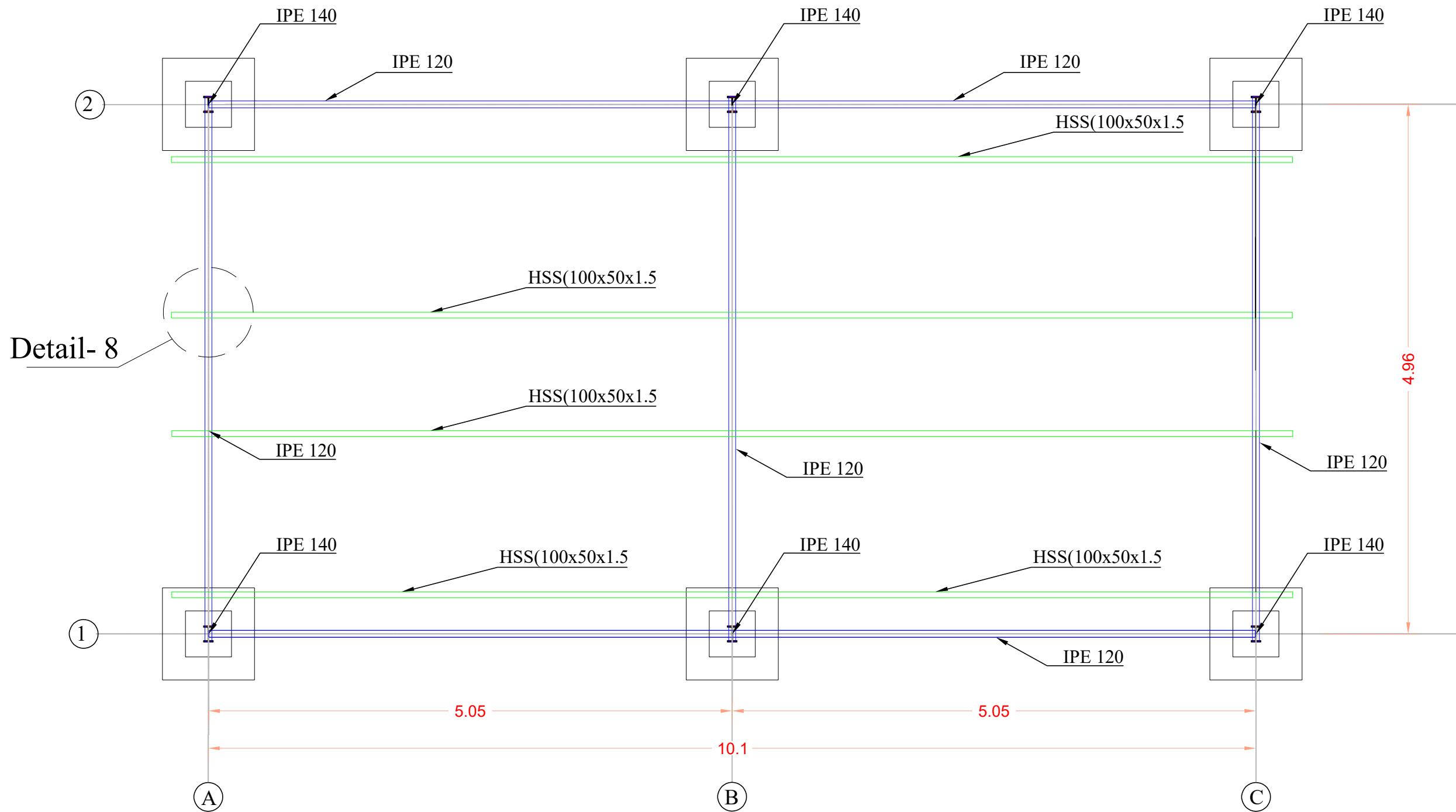
Drawings of Pv Solar
Panels Mounting
Structure

رسومات تفاصيل الهيكل
المعدني الحامل لمنظومة الألواح
الشمسية

Sheet List Table

Sheet Number	Sheet Title
P-0	COVER
P-00	Drawings Sheet List
P-01	Pv Solar Panel Arrangment
P-02	Solar Panel Foundation Plan
P-03	Longitude Section
P-04	Latitude Section
P-05	Solar Panel Foundation Plan
P-06	Fence Details(1)
P-07	Fence Details(2)
P-08	Fence Details(3)
P-09	Pumping unite design details





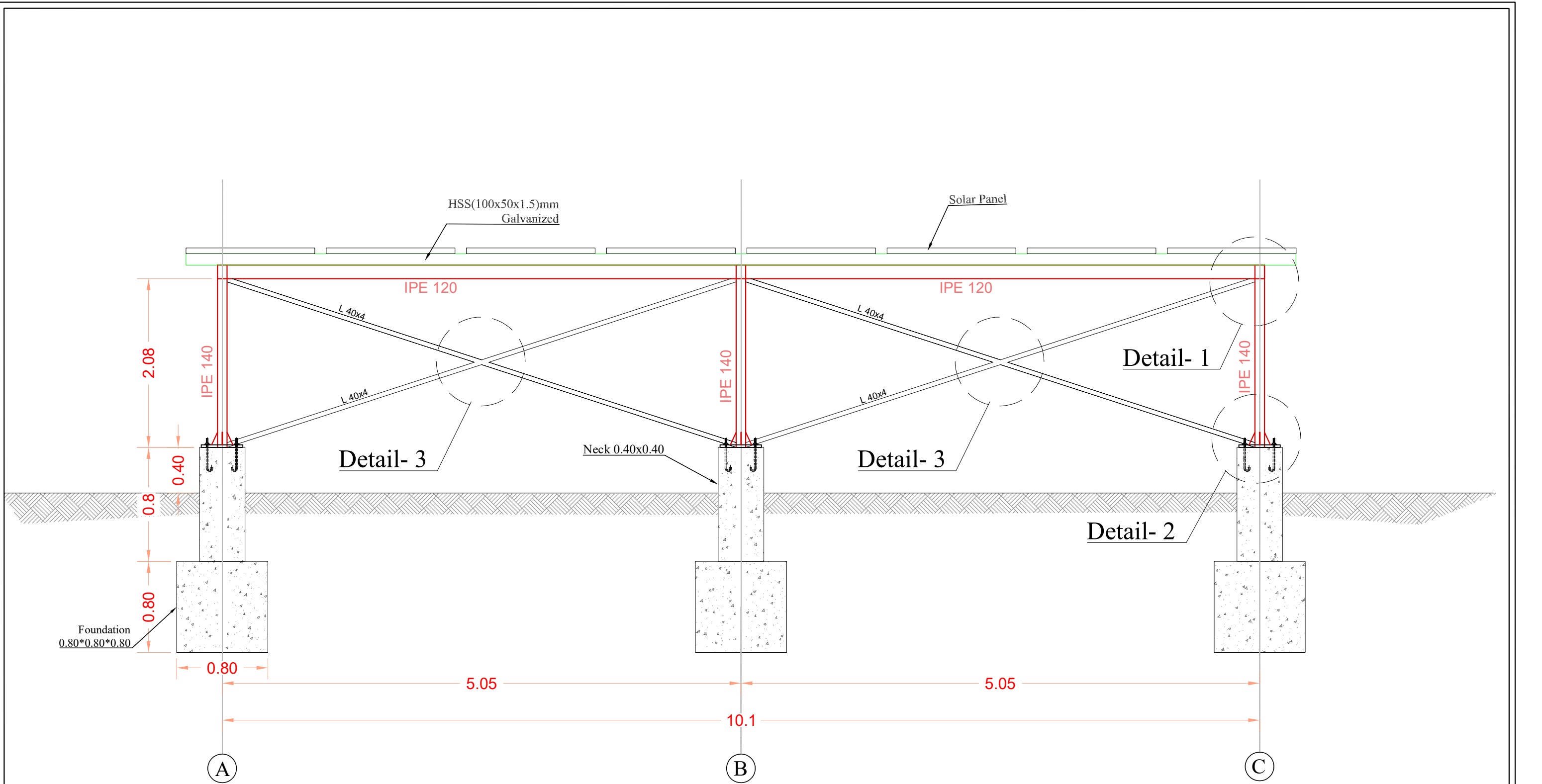
REMARKS :

- 1- STAND DESIGN CAPACITY IS ONLY SIXTEEN SOLAR PANELS (1303x2380mm).
- 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

Solar Panel Foundation Plan

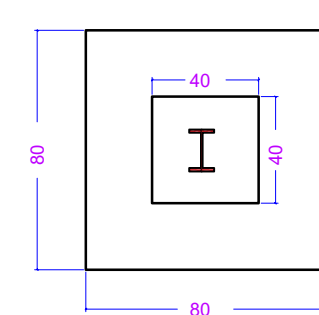
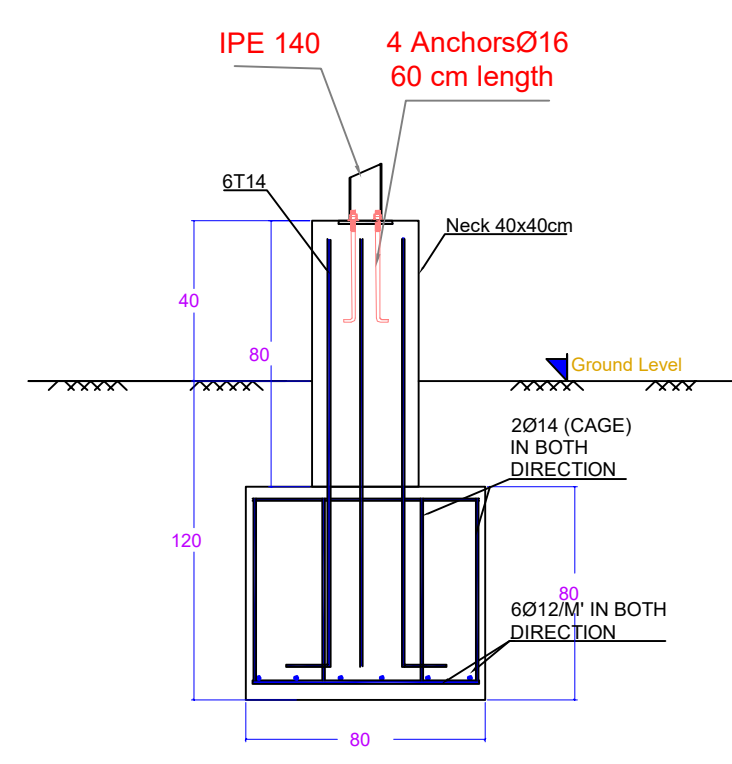
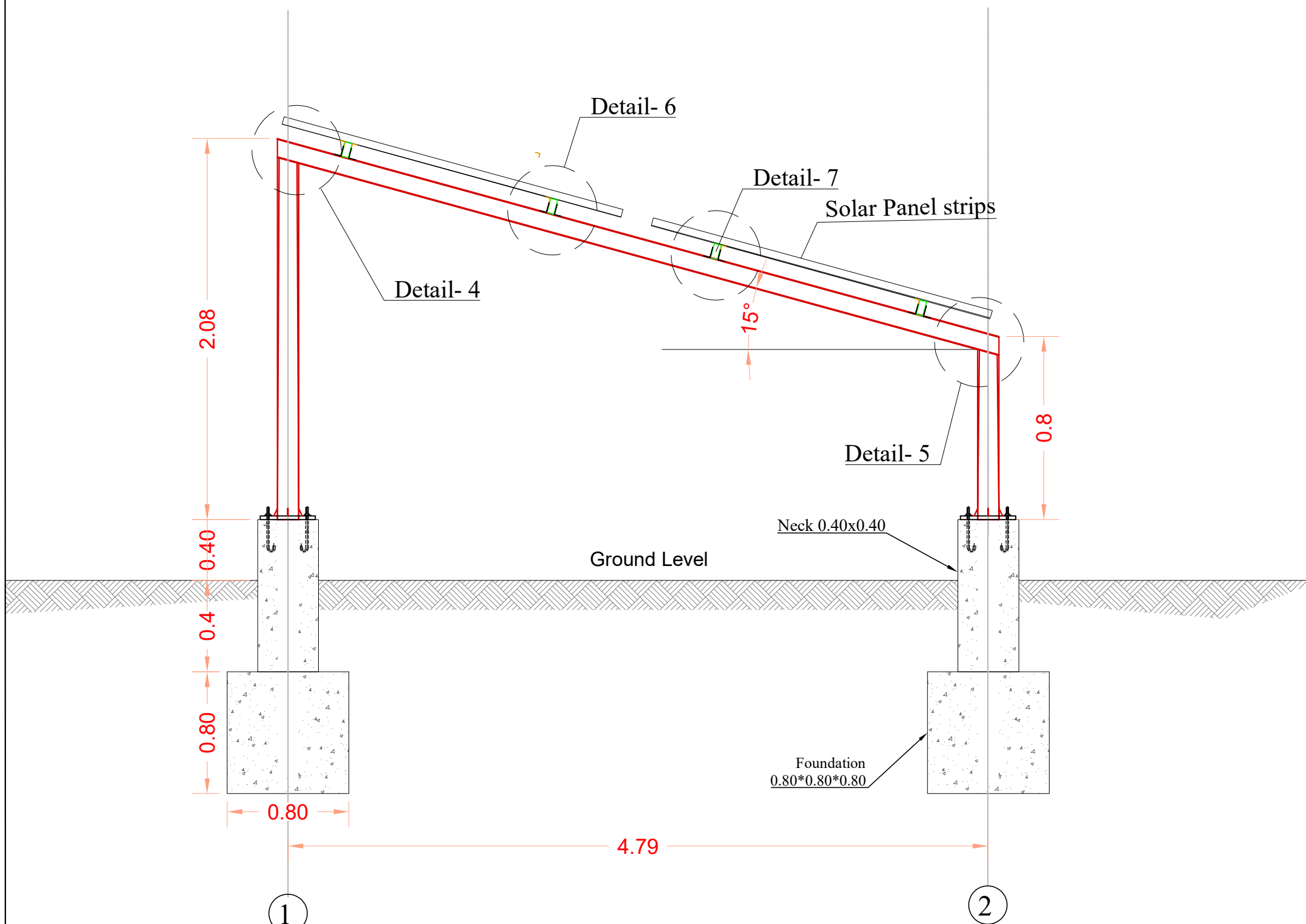
Establishment: Supply and installation of solar power systems for health centers in Sudan.	
Drawing Type: Pv Solar Panels Mounting Structure	
DRAWING TITLE Solar Panel Foundation Plan	DWG. No. P-02 of 09
DATE: 2026 JOB NO.	SCALE:



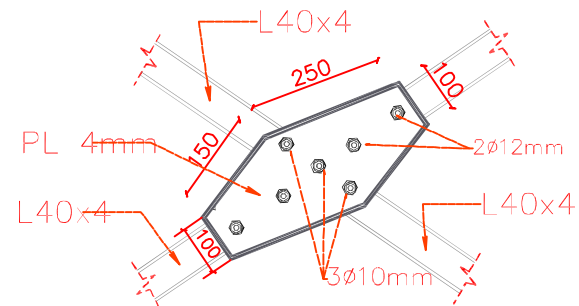
Longitude Section
Solar Panel Foundation Section
مقطع قاعدة الألواح الشمسية

Longitude Section

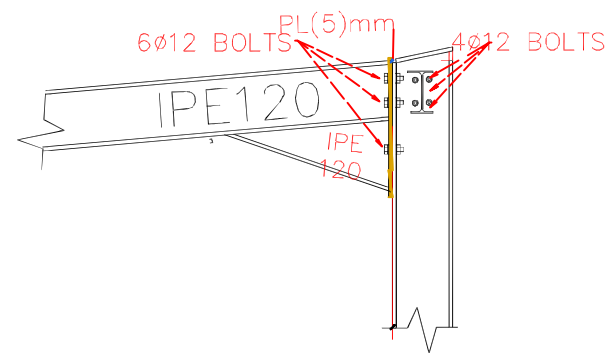
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Drawing Type	Pv Solar Panels Mounting Structure
DRAWING TITLE	Longitude Section
DATE: 2026	JOB No.
DWG. No.	P-03 of 09
SCALE:	



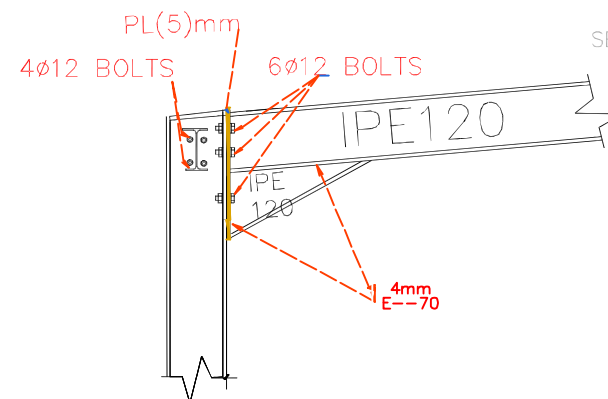
Solar Panel Foundation Section
مقطع قاعدة الألواح الشمسية



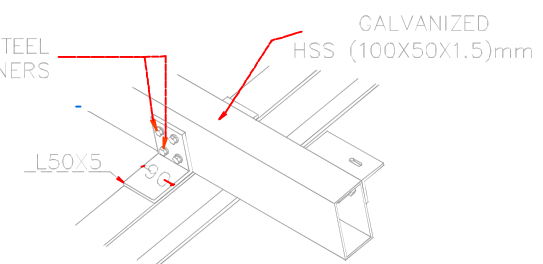
Detail- 3



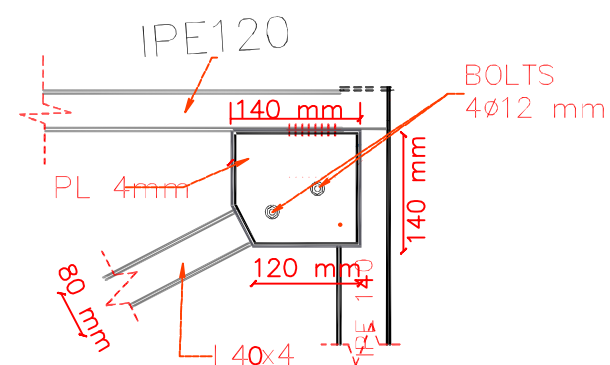
Detail- 4



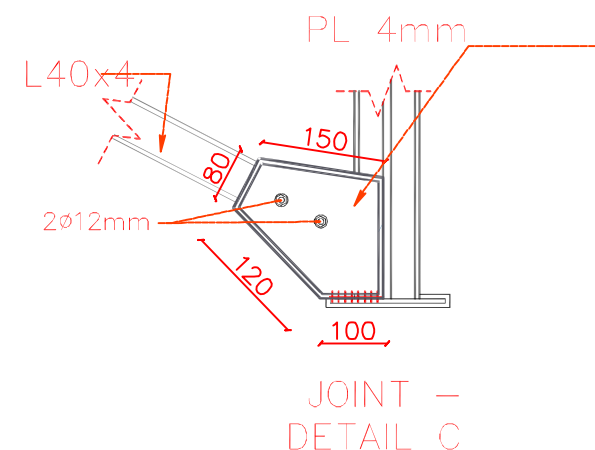
Detail- 5



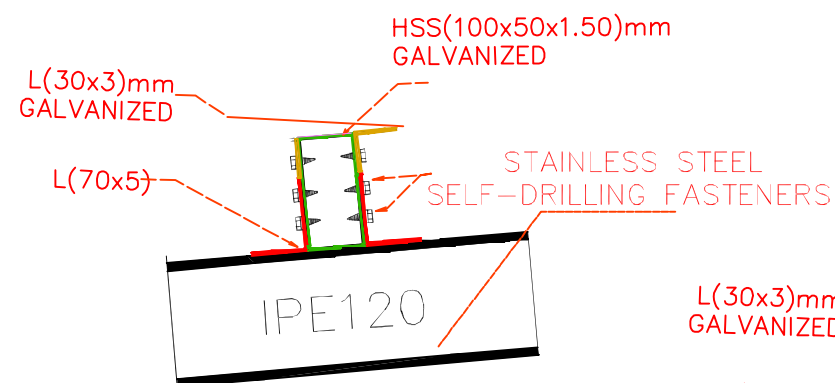
Detail- 8



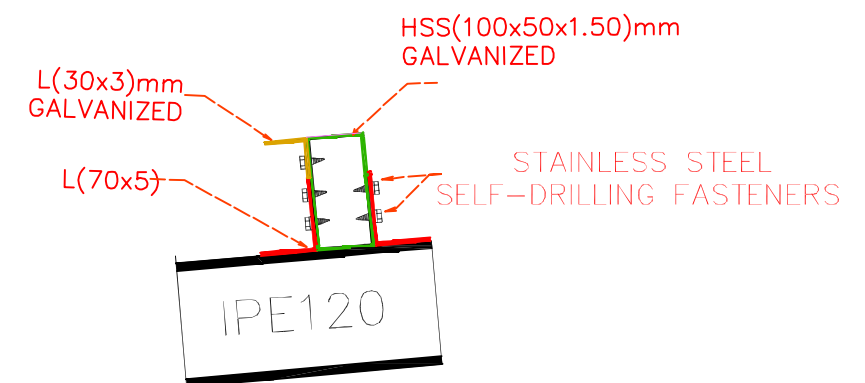
Detail- 1



Detail- 2



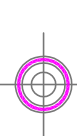
Detail- 7



Detail- 6

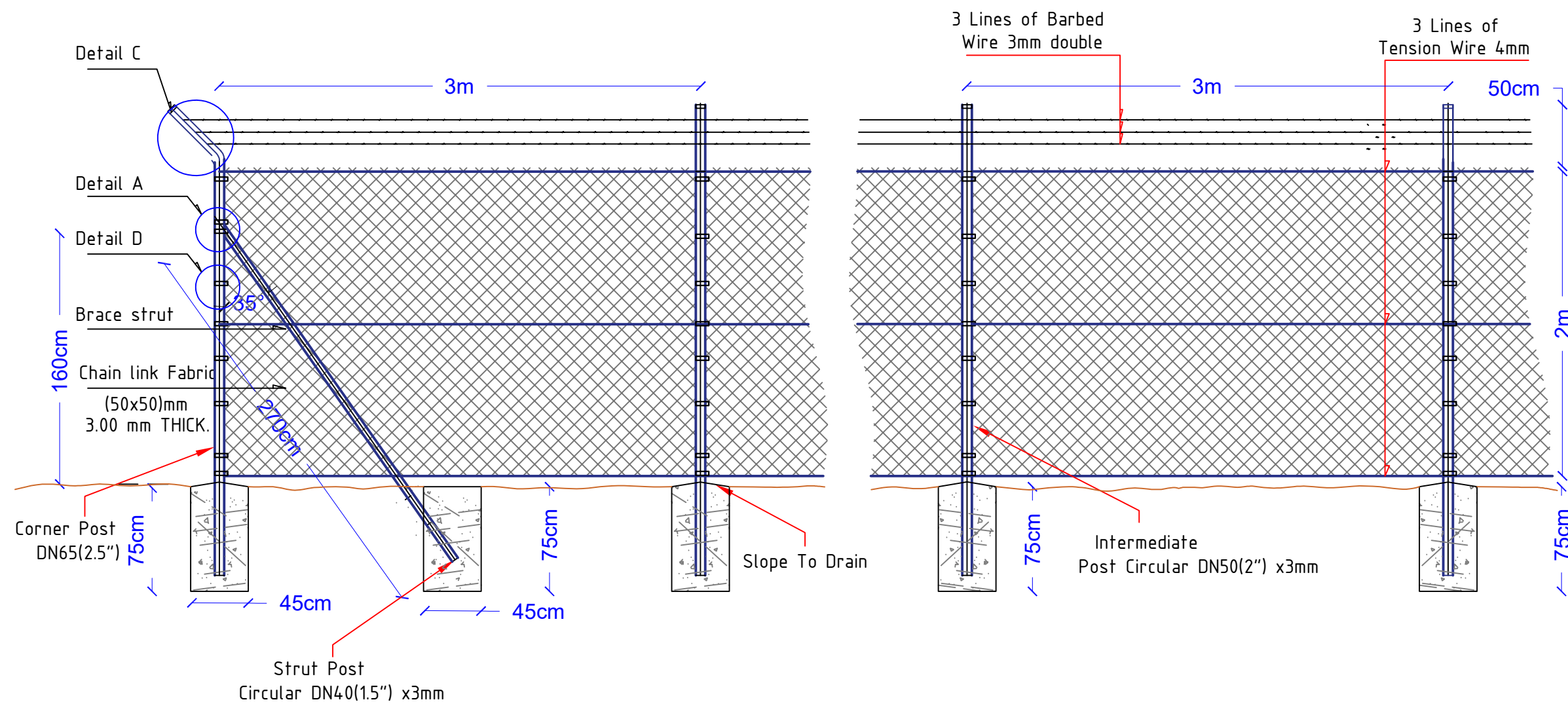
Solar Panel Foundation Details

تفاصيل قاعدة الألواح الشمسية



Solar Panel Foundation Details

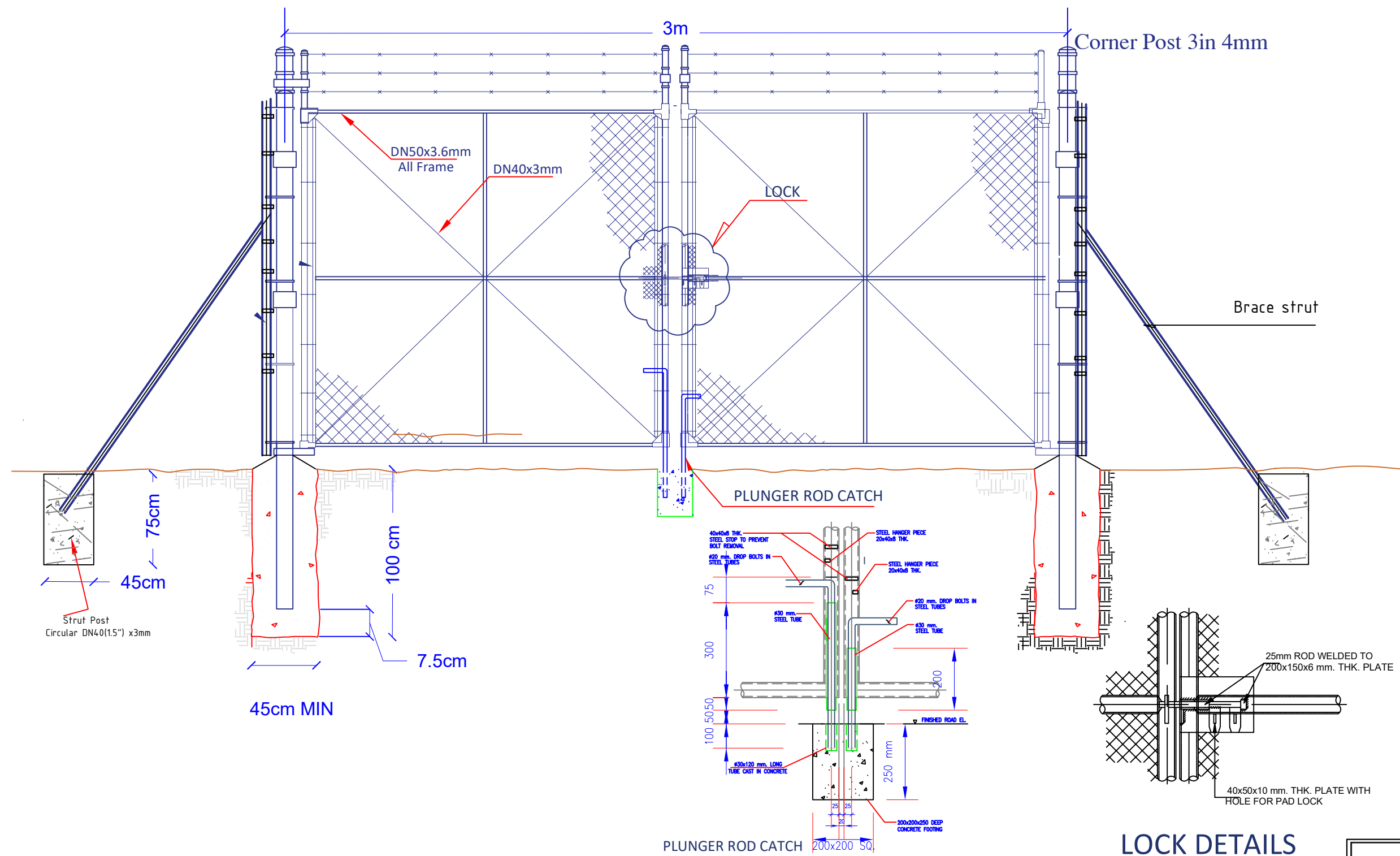
Establishment: Supply and installation of solar power systems for health centers in Sudan.	
Drawing Type: Pv Solar Panels Mounting Structure	
Drawing Title: Solar Panel Foundation Details	DWG. No.: P-05 of 09
DATE: 2026	JOB NO.:
SCALE:	



Note: 1- Concrete shall be cast against excavated face of the soil.
2- Maximum spacing of straining posts 69(m)

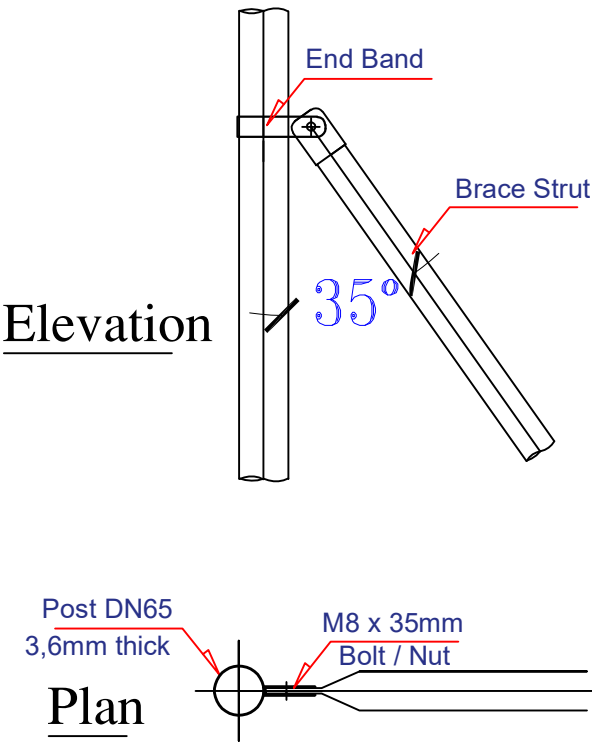
Fence Elevation

Establishment: Supply and installation of solar power systems for health centers in Sudan.	
Drawing Type: Pv Solar Panels Mounting Structure	
DRAWING TITLE Fence Details	DWG. No. P-06 of 09
DATE: 2026	JOB NO. SCALE:

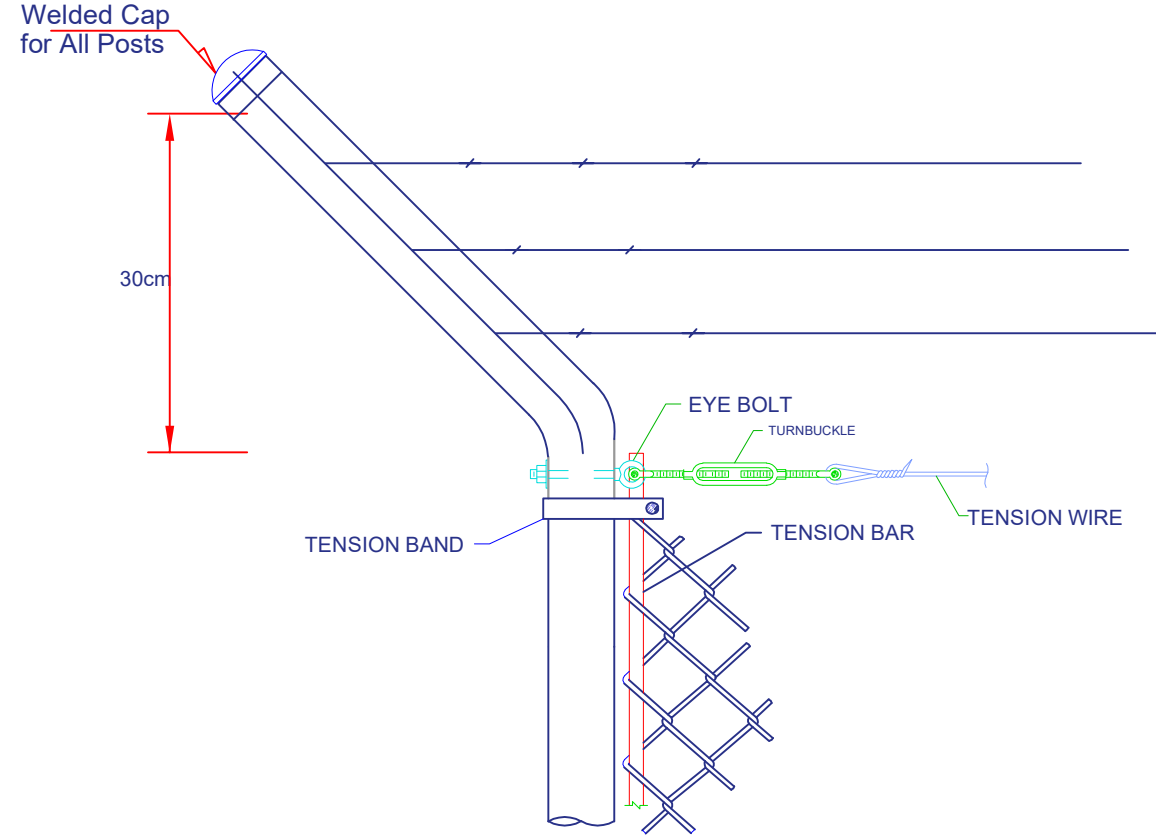


LOCK DETAILS

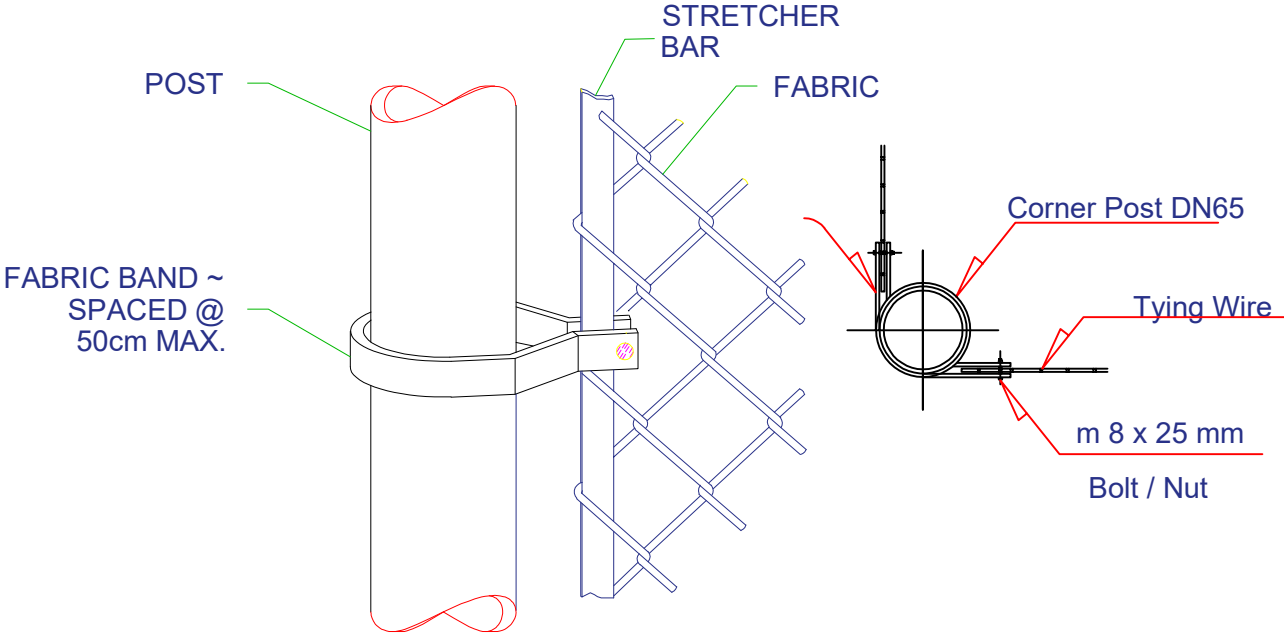
Establishment: Supply and installation of solar power systems for health centers in Sudan.	
Drawing Type: Pv Solar Panels Mounting Structure	
DRAWING TITLE Fence Details	DWG. No. P-07 of 09
DATE: 2026	JOB NO.
SCALE:	



Detail A Brace Strut



Detail C Corner Post



Detail D Stretcher Bar

Establishment: Supply and installation of solar power systems for health centers in Sudan.			
Drawing Type: Pv Solar Panels Mounting Structure			
DRAWING TITLE Fence Details		DWG. No. P-08	of 08
DATE: 2026	JOB NO.	SCALE:	