



LEGENDS	DESCRIPTION
	SOLAR MODULES
	25 MM NOZZLE TAP VALVE
	25 MM Upvc ELBOW JOINT
	25 MM Upvc COUPLER
	25 MM Upvc PIPE
	25/25 MM Upvc T JOINT

SYSTEM DESCRIPTION	
SITE LOCATION	18.5095809 N, 73.8134996 E
TOTAL PLANT CAPACITY (DC)	311.22 kWp
TOTAL PLANT CAPACITY (AC)	250.00 kW
DC / AC RATIO	1.24
MODULE CAPACITY	570 Wp (JINKO)
MODULE DIMENSION (L X W X H)	2278 X 1134 X 35 mm
NUMBER OF PV MODULES (SOUTH)	273 Nos.
NUMBER OF PV MODULES (NORTH)	273 Nos.
TOTAL PV MODULES	546 Nos.
INVERTER CAPACITY	125 kW - INVERTER - 1 & 2 2 Nos. (SUNGROW)
TILT	2°
AZIMUTH	172°(NORTH) , -8° (SOUTH)

NOTES:
THIS DRAWING MUST BE READ CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING/FIRE FIGHTING, ELECTRICAL AND TRAFFIC MANAGEMENT DRAWING.

THE RESPONSIBILITY OF CONTROL, CHECK & VERIFICATION OF ACCURACY, CORRECTNESS, COMPLETENESS, INTEGRATION & FULL COMPLIANCE OF THE CONTRACT PROVISIONS IN RESPECT OF DESIGN, ANALYSIS AND DRAWINGS RESTS WITH THE DETAILED DESIGN CONSULTANT / DETAILED DESIGN CONSULTANT & CONTRACTOR. IT IS CERTIFIED THAT THERE IS NO CHANGE IN THIS GPCD FROM THE ALREADY APPROVED CR DWG NO.REV..... APPROVED ON DATE

THIS DRAWING INCLUDING ITS DESIGN AND DETAILING HAS BEEN **PROOF CHECKED** INDEPENDENTLY AND FOUND SUITABLE FOR THE EXECUTION PURPOSE AND IS RECOMMENDED FOR GFC / NO OBJECTION.

- Proof checked by GC
- Being Given No Objection
- Issued As Good For Construction.

COUNTER SIGNED BY MAHA METRO

PROJECT: **PUNE METRO RAIL PROJECT**
The Orion Building, 1st Floor, Opposite Don Bosco Center, Near Saint Mira's Girls College, Koregaon Park, Pune - 411001, MH, India

CLIENT: **MAHARASHTRA METRO RAIL CORPORATION LTD.**

LOCATION: **VANAZ METRO STATION**

TITLE: **GENERAL ARRANGEMENT LAYOUT (311.22 kWp(DC) ROOF TOP SOLAR PLANT)**

SCALE: 1:200 DATE: 14/04/2023 STATUS: REVISION NO:

DRG NO: **MWB11-JBP-EL-PRM-VNZ-DDT-0004** **R1**

DDC				CONTRACTOR		PROOF CONSULTANT	
SIGN:	SIGN:	SIGN:	SIGN:	SIGN:	SIGN:	SIGN:	SIGN:
DATE: 14/04/2023	DATE: 14/04/2023	DATE: 14/04/2023	DATE: 14/04/2023	DATE:	DATE:	DATE:	DATE:
NAME: CMR	NAME: CMR	NAME: DGB	NAME: KHR	NAME:	NAME: ---	NAME: ---	NAME: ---
DRAWN BY	DESIGN BY	CHECKED BY	APPROVED BY	ACCEPTED BY	REVIEWED BY (STRUCT. ENGG.)	APPROVED BY (TEAM LEADER)	REVIEWED BY
DETAIL DESIGN CONSULTANT :				AECOM-SYSTRACEG		AECOM-SYSTRACEG	
PROSUMERS SOLAR				JHANTANI PROSUMERS SOLAR PVT. LTD.		(GENERAL CONSULTANT TO PUNE METRO RAIL PROJECT)	

REV NO	DATE	DESCRIPTION	SIGN

STRUCTURE