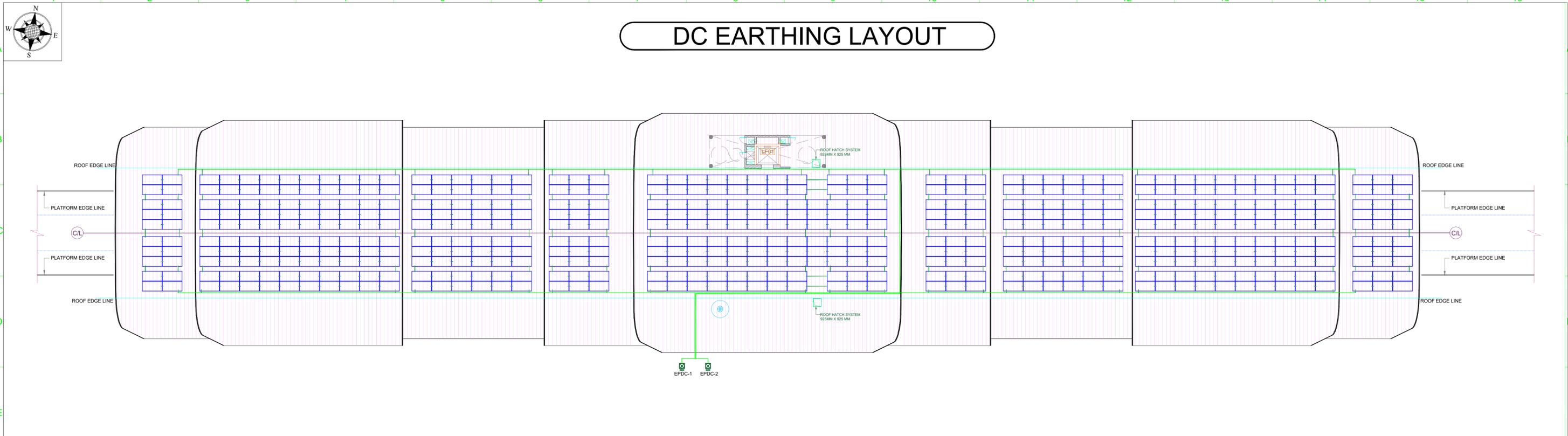
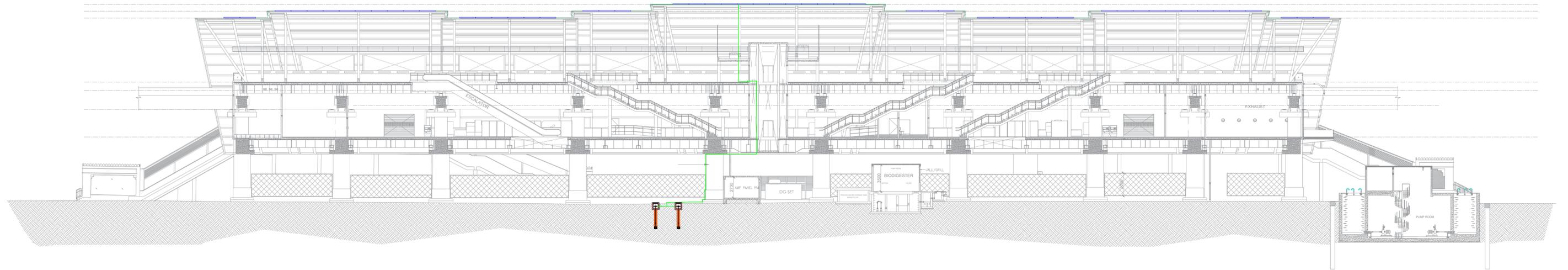


DC EARTHING LAYOUT



: GENERAL NOTES (DC EARTHING) :

- DC EARTHING STRIP IS DONE SEPARATED FROM EXISTING STRIP.
- PV ARRAY YARD(DC) EARTHING GRID IS DONE WITH 1C X 16 Sq. mm Cu. CABLE & 25X3 MM HOT-DIP GI EARTH STRIP.
- PV ARRAY YARD EARTHING WILL INCLUDE. (SOLAR MODULES)
- MIN DISTANCE FROM ONE EARTH PIT TO NEXT EARTH PIT SHOULD BE 3 MTRS.
- 17.5MM DIA X 3M LENGTH COPPER BONDED TWO ROD TO USED FOR DC EARTHING.
- MODULE TO MODULE EARTHING WILL BE DONE WITH 1 CORE 4 SQMM COPPER EARTHING CABLE.
- EARTH STRIP ROUTE IS INDICATIVE AND MAY VARY AS PER ACTUAL SITE CONDITIONS.
- EARTH PIT LOCATION IS INDICATIVE AND MAY VARY AS PER ACTUAL SITE CONDITIONS.
- EARTH STRIP SHOULD BE BURIED AT MIN. 300 MM DEPTH.
- WHERE EVER EARTH STRIP CROSSES TRENCHES MIN 400 MM SPACING SHOULD BE MAINTAINED BETWEEN AC CABLES AND EARTH STRIP.
- WHEREVER WELDING IS REQUIRED ARC WELDING SHOULD BE DONE AND WELDED JOINT SHOULD BE ALLOWED TO COOL NATURALLY.
- AFTER WELDED JOINT, BITUMEN PAINT SHOULD BE APPLIED.



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 GCD 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:

DRG NO: MWB11-JBP-EL-PRM-VNZ-DDT-0003



REVISION NO: 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 :							



PROSUMERS SOLAR

JHANTANI PROSUMERS SOLAR PVT. LTD.



AECOM-SYSTRACEG
(GENERAL CONSULTANT TO PUNE METRO RAIL PROJECT)

DY. HOD

HOD

REV NO	DATE	DESCRIPTION	SIGN

STRUCTURE