

PROJECT TITLE	Deployment of Rooftop PV System	Date: 18-07-2022
PROJECT NO	19026	Issue Reference: RN220718-1

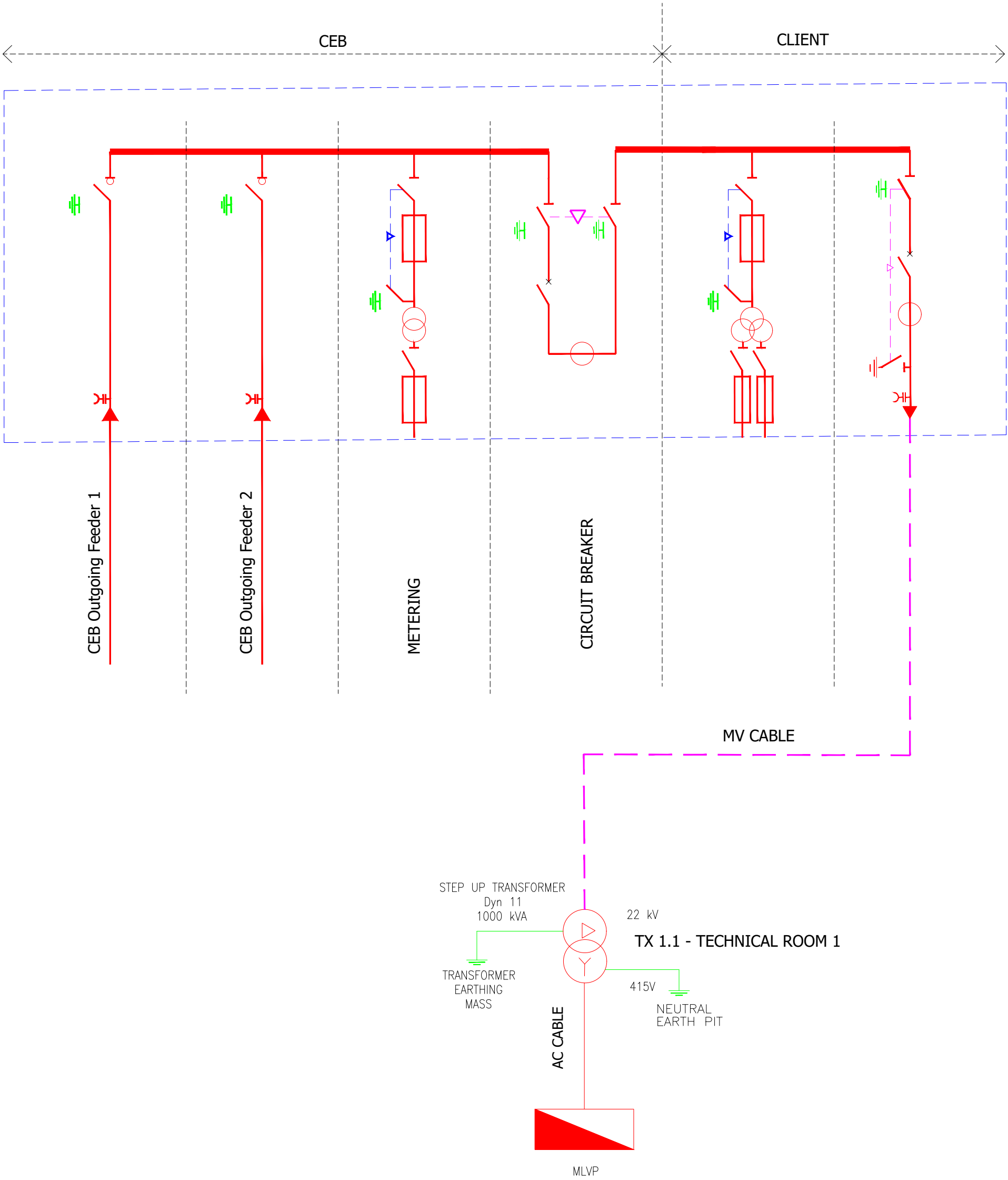
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Drawing Issue

This is a computer generated document and requires no signature from the issuer

TRIOLET MV INTERCONNECTION FACILITY (MVIF) & TECHNICAL ROOM 1



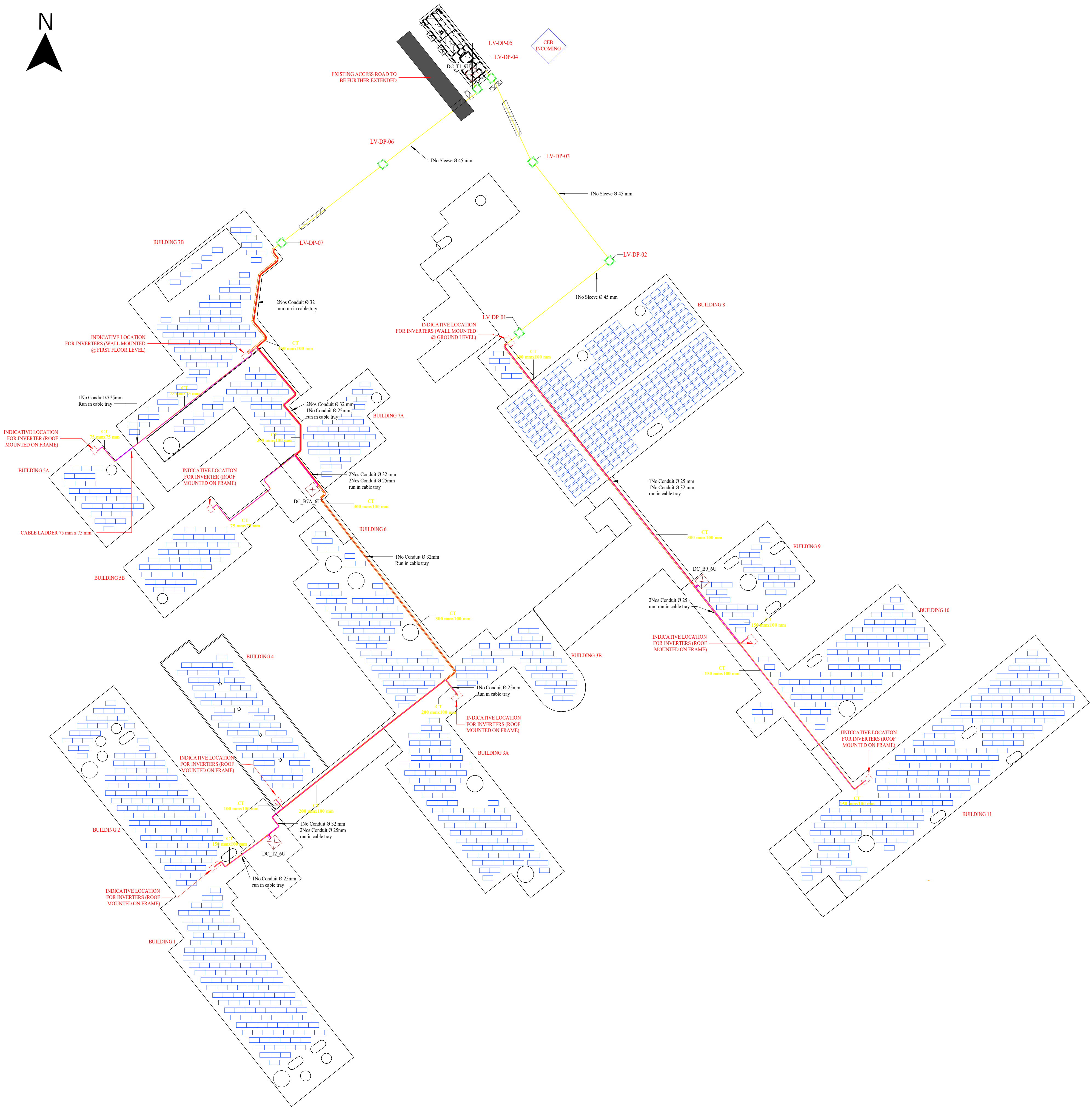
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DATE	REV	DESCRIPTION	ISSUED BY
23.11.21	T3	TENDER	RN
17.08.21	T2	TENDER	RN
REVISION			

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TEL: (+230) 460 1736/37 FAX: (+230) 463 3435

CLIENT		TENDER		
DBM ENERGY LTD		DRAWN BY SM	CHECKED BY SR	APPROVED BY SR
PROJECT NAME PV FARMS AT JNH HOSPITAL, DBM ENERGY		DATE 29.03.21	PAPER SIZE A3	SCALE NTS
SHEET DESCRIPTION MAIN VOLTAGE - ELECTRICAL SCHEMATIC		PROJECT No. 19026	DRAWING No. E-MV-SC01	REVISION T3



1 SITE RETICULATION

1:400

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LEGEND

SYMBOL	DESCRIPTION
	SLEEVE Ø 45mm
	CONDUIT Ø 32mm
	CONDUIT Ø 25mm
	TRENCH REQUIRING A CONCRETE SURROUND
	CABLE TRAY ON ROOF

SYMBOL	DESCRIPTION
	CABLE LADDER C/W SUPPORTING STRUCTURES
	DATA CABINET
	LV DRAWPIT

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ARCHITECT

STRUCTURAL ENGINEER

CLIENT

DBM ENERGY

PROJECT NAME

JAWAHARLAL NEHRU HOSPITAL ROOFTOP PV FARM

SHEET DESCRIPTION

SITE RETICULATION ICT

TENDER

DRAWING REF 1

DRAWING NO.

REVISION

DRAWING REF 2

DRAWING NO.

REVISION

DRAWN BY

AC

CHECKED BY

SB

APPROVED BY

SB

DATE

01.06.21

PAPER SIZE

A1

SCALE

As indicated

PROJECT No.

19026

DRAWING No.

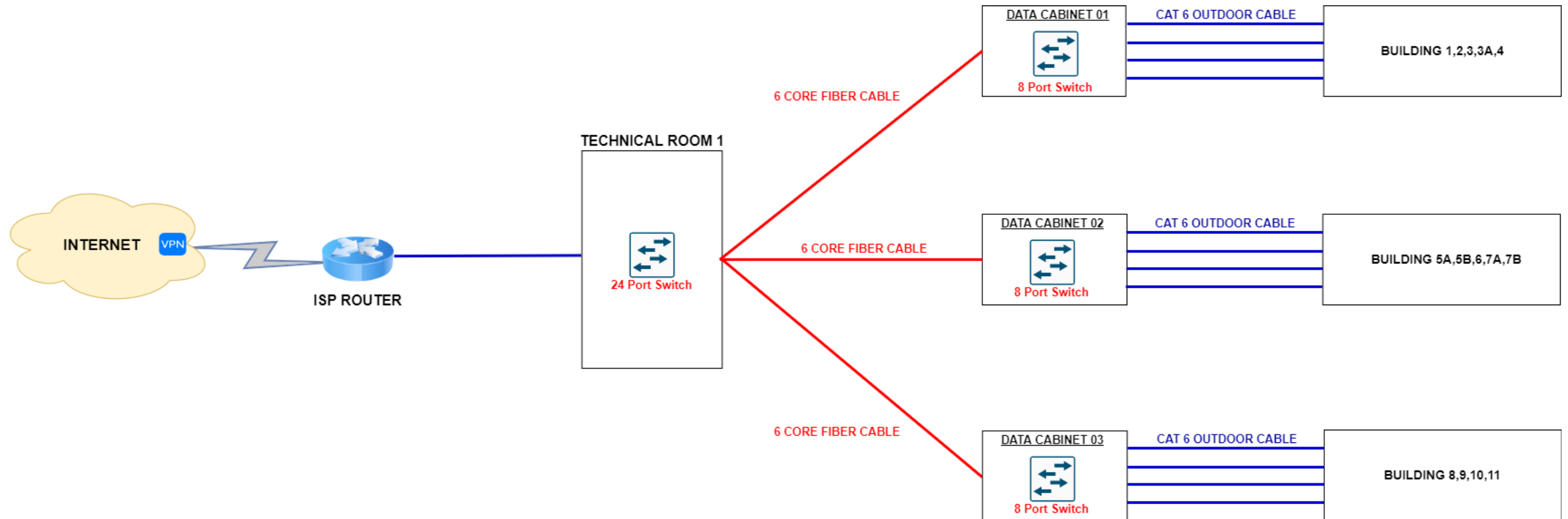
E-S-D100

REVISION

T1

DATE - REVISION - DESCRIPTION - ISSUED BY

NETWORK ARCHITECTURE FOR COMMUNICATION SYSTEM AT JNH HOSPITAL



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LEGEND

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ARCHITECT/ID

STRUCTURAL ENGINEER

CLIENT

DBM ENERGY

PROJECT NAME

JAWAHARLAL NEHRU HOSPITAL ROOFTOP PV
FARM

SHEET DESCRIPTION

NETWORK ARCHITECTURE

DRAWING STATUS	
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TENDER

	DRAWING REF 1
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DRAWING NO.

REVISION

DRAWING REF 2

DRAWING NO.

REVISION

DRAWN

BY _____

CHECKED BY

APPROVED BY _____

AC

SB

SB

DATE _____

23.02.22

PAPER SIZE	A3
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SCALE _____

PROJECT No.	
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	DRAWING No.
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	REV
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19026

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E-S-D101

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DATE - REVISION - DESCRIPTION - ISSUED BY

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LEGEND

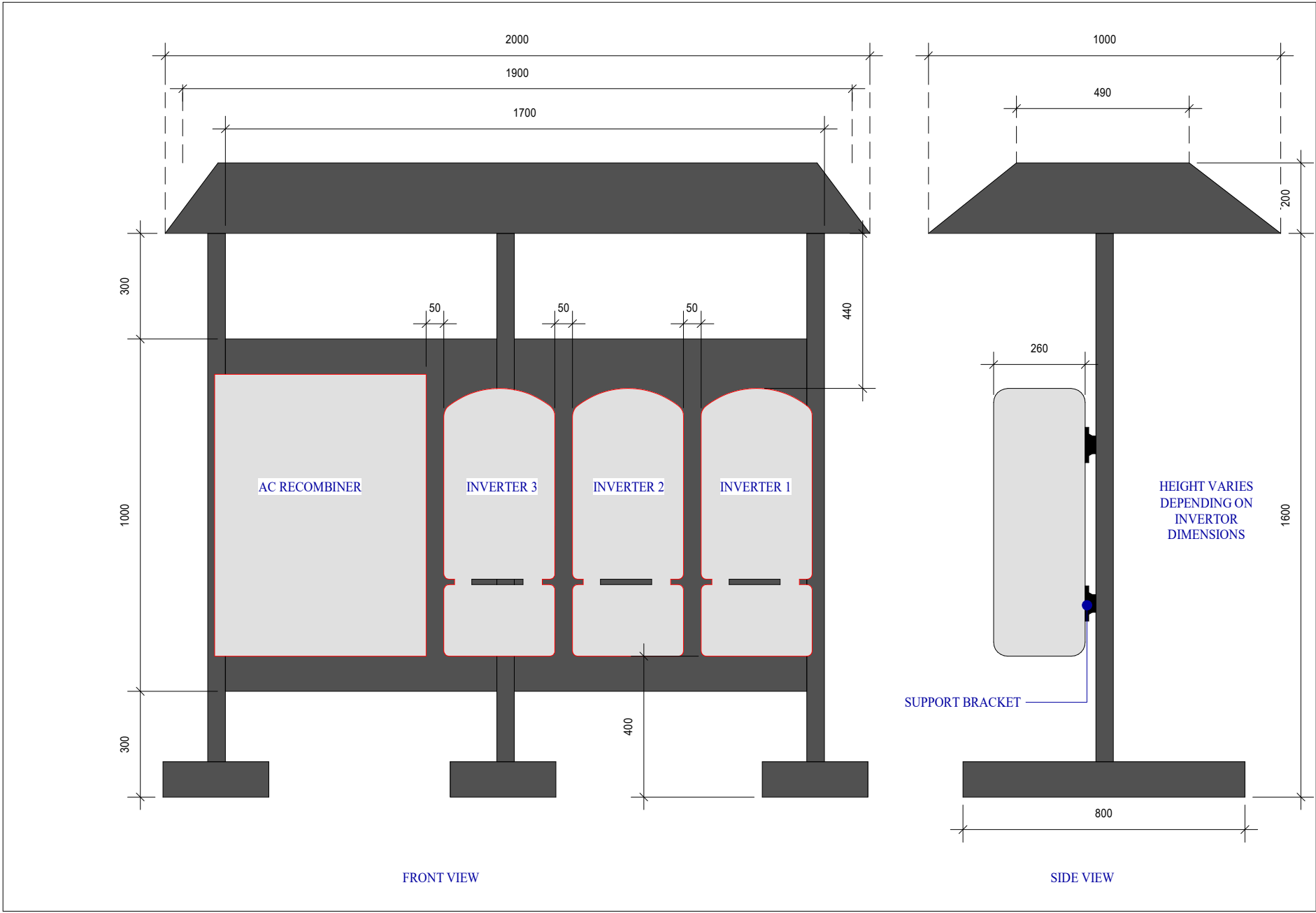
GENERAL NOTES:

1. FINAL INSTALLATION METHOD FOR PV AND INVERTER TO BE PROVIDED BY THE CONTRACTOR

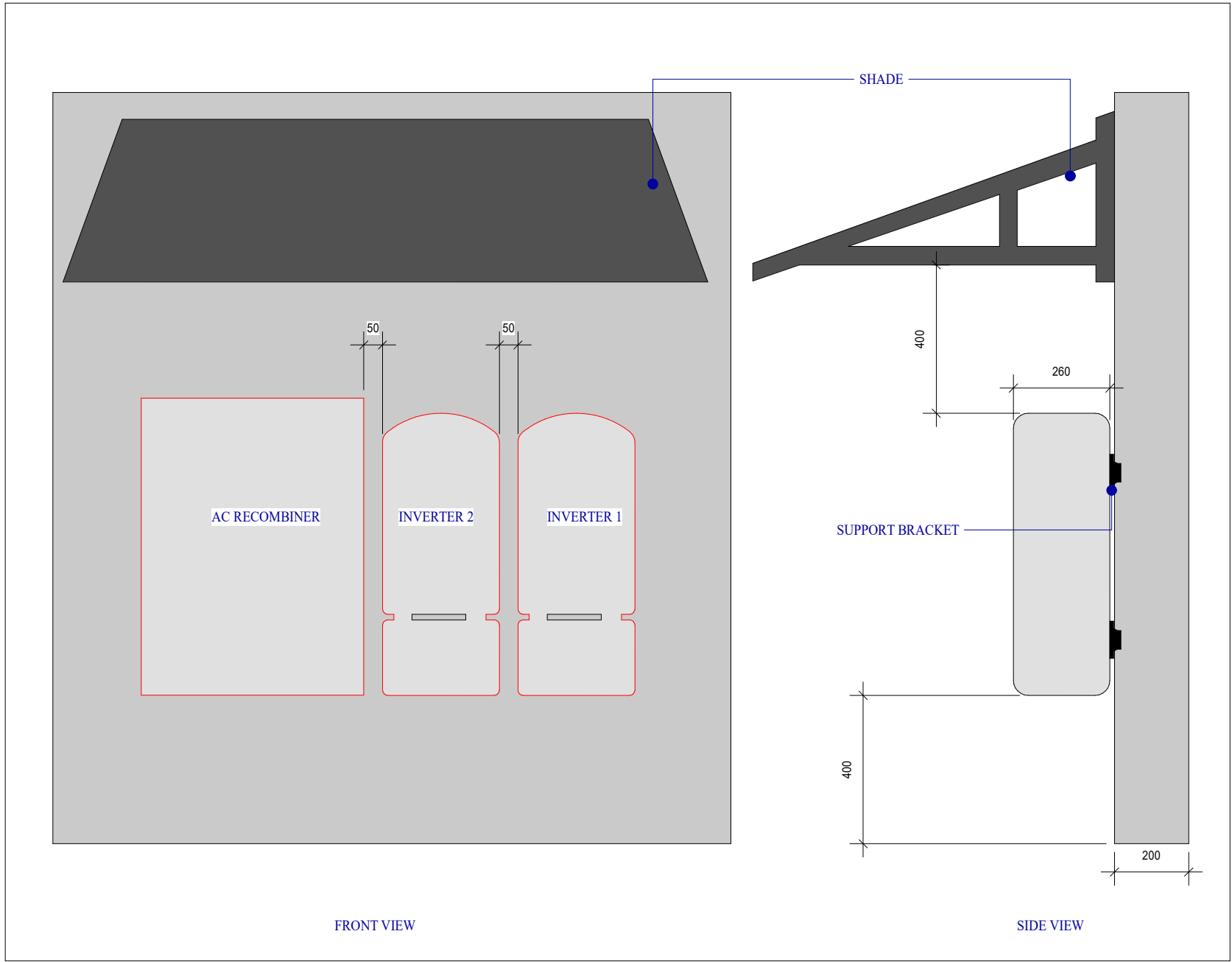
2. CONTRACTOR TO ENSURE THE INTEGRITY
OF ANY EXISTING AND NEW WATERPROOFING
IS PRESERVE DURING INSTALLATION

3. CONTRACTOR TO ENSURE BALLAST
SYSTEM, FRAME OR PLINTH OR WHICHEVER
METHOD TO USED DOES NOT IMPEDE
RAINWATER DRAINAGE OR//AND LEAD TO
PONDING ON ROOF

4. CONTRACTOR SHOULD ENSURE
INSTALLATION METHODS OF THE SYSTEM IS
SUITABLE FOR CYCLONIC CONDITIONS IN
MAURITIUS



8 INVERTER FRAME DETAILS



9 WALL MOUNTED INVERTER DETAILS

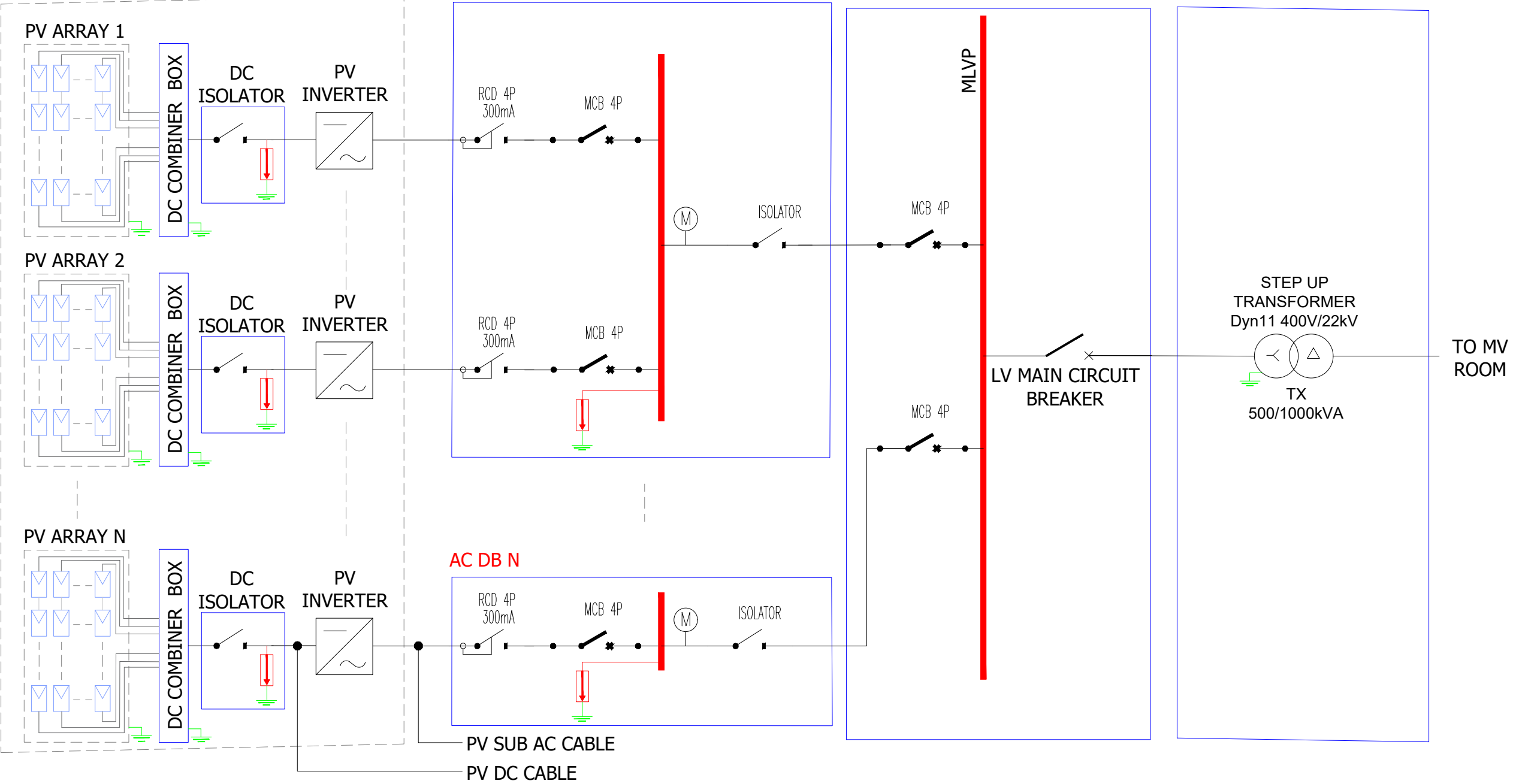
<div style="border: 1px solid black; padding: 10px; text-align: center;"> <div style="font-size: 24px; font-weight: bold; color: #007bff; margin-bottom: 10px;">DigiConsult</div> <div style="font-weight: bold; margin-bottom: 5px;">CONSULTING ENGINEER</div> <div style="font-weight: bold; margin-bottom: 5px;">HERMES CUBICLES - TERRE ROUGE-VERDUN- TRIENON LINK ROAD, MAURITIUS</div> <div style="font-weight: bold; margin-bottom: 5px;">WEBSITE: www.digiconsult.mu</div> <div style="font-weight: bold; margin-bottom: 5px;">TEL: (+230) 460 1736/37 FAX: (+230) 463 3435</div> </div>		
<div>ARCHITECT</div>		
<div>STRUCTURAL ENGINEER</div>		
<div>CLIENT</div> <div style="text-align: center; font-weight: bold; margin-top: 20px;">DBM ENERGY</div>		
<div>PROJECT NAME</div> <div style="text-align: center; font-weight: bold; margin-top: 10px;">JAWAHARLAL NEHRU HOSPITAL ROOFTOP PV FARM</div>		
<div>SHEET DESCRIPTION</div> <div style="text-align: center; font-weight: bold; margin-top: 20px;">RETICULATION SHEET 2 OF 2</div>		
<div>DRAWING STATUS</div> <div style="text-align: center; font-weight: bold; margin-top: 20px;">TENDER</div>		
DRAWING REF 1	DRAWING NO.	REVISION
DRAWING REF 2	DRAWING NO.	REVISION
DRAWN BY <div style="text-align: center; font-weight: bold;">RC</div>	CHECKED BY <div style="text-align: center; font-weight: bold;">SR</div>	APPROVED BY <div style="text-align: center; font-weight: bold;">SR</div>
DATE <div style="text-align: center; font-weight: bold;">05.04.21</div>	PAPER SIZE <div style="text-align: center; font-weight: bold;">A2</div>	SCALE <div style="text-align: center; font-weight: bold;">1 : 15</div>
PROJECT No. <div style="text-align: center; font-weight: bold;">19026</div>	DRAWING No. <div style="text-align: center; font-weight: bold;">E-S-P101</div>	REVISION <div style="text-align: center; font-weight: bold;">T2</div>

BUILDING 1 BUILDING N

AC DB 1

MLVP ROOM

TRANSFORMER ROOM



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23.11.21	T2	TENDER	RN
DATE	REV	DESCRIPTION	ISSUED BY

REVISION

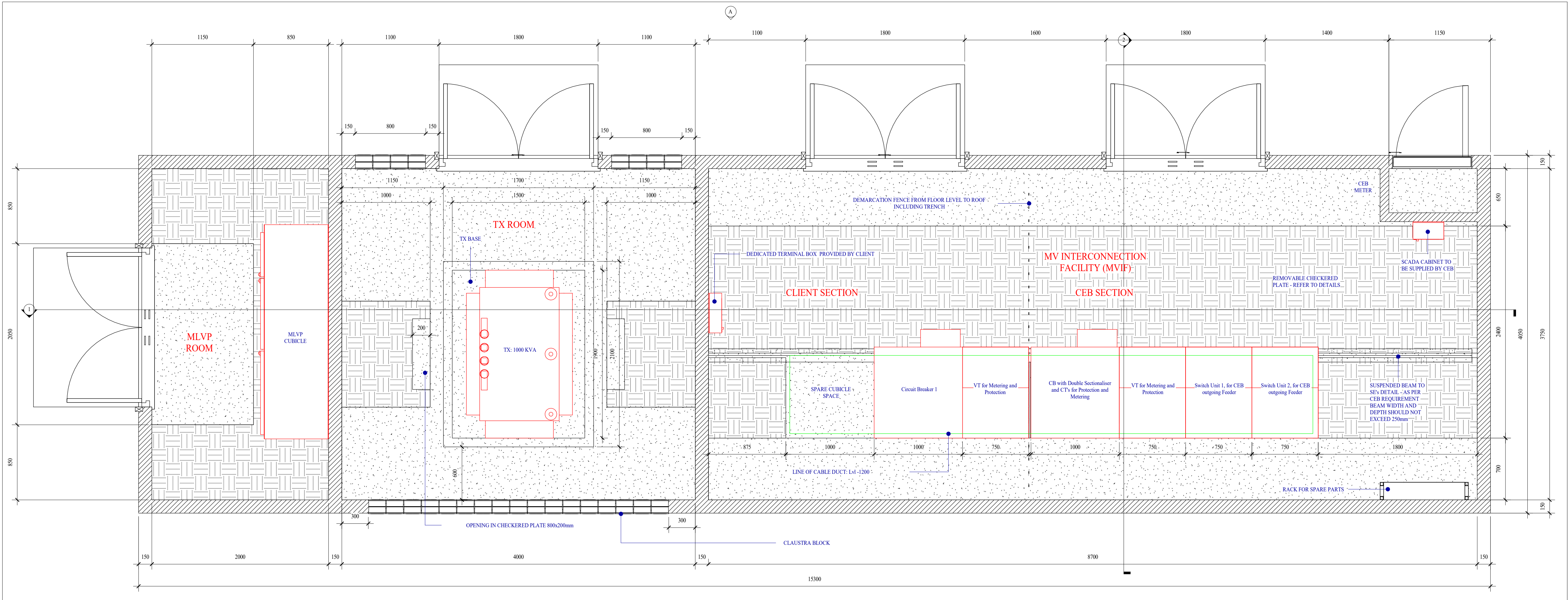
LEGEND

	INVERTER		SURGE ARRESTER
	ISOLATOR	NOTE: Contractor to allow for communication interface(s) for remote monitoring, control, analysis and reporting of the PV System from the off-site DBM Energy Control Command Centre. Data shall be collected from inverters, energy meters and transformers by means of on-premises open protocol communication controllers/gateways.	
	RCD		
	MCB		
	PV MODULE		
	METER		

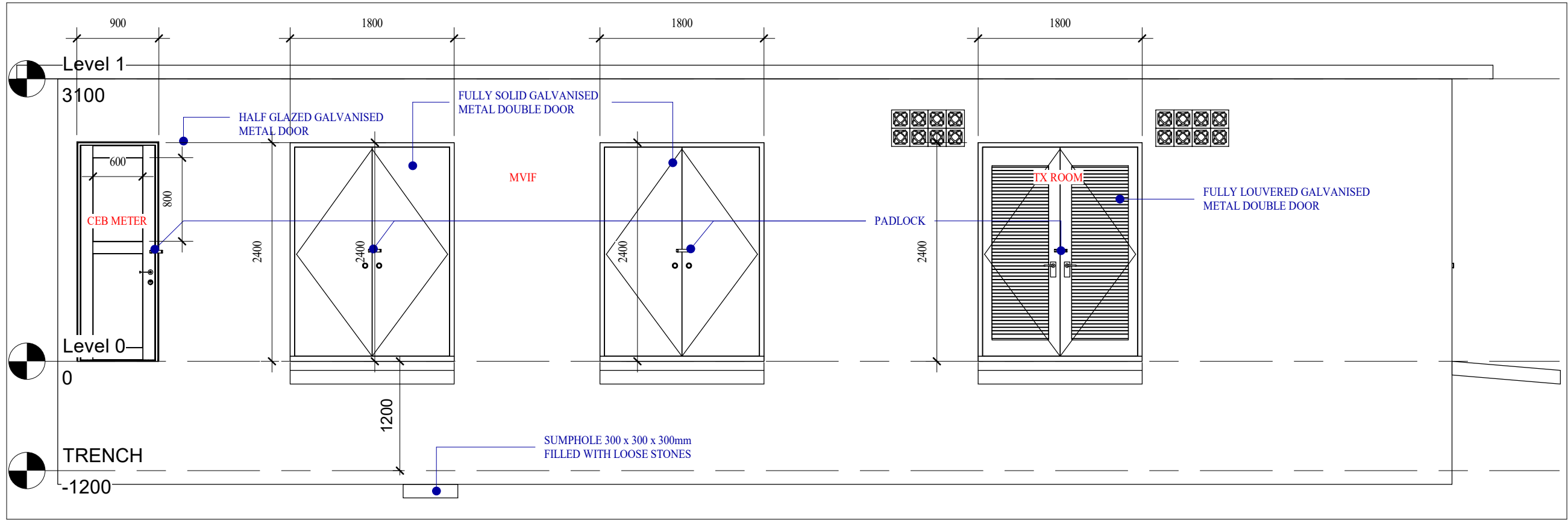
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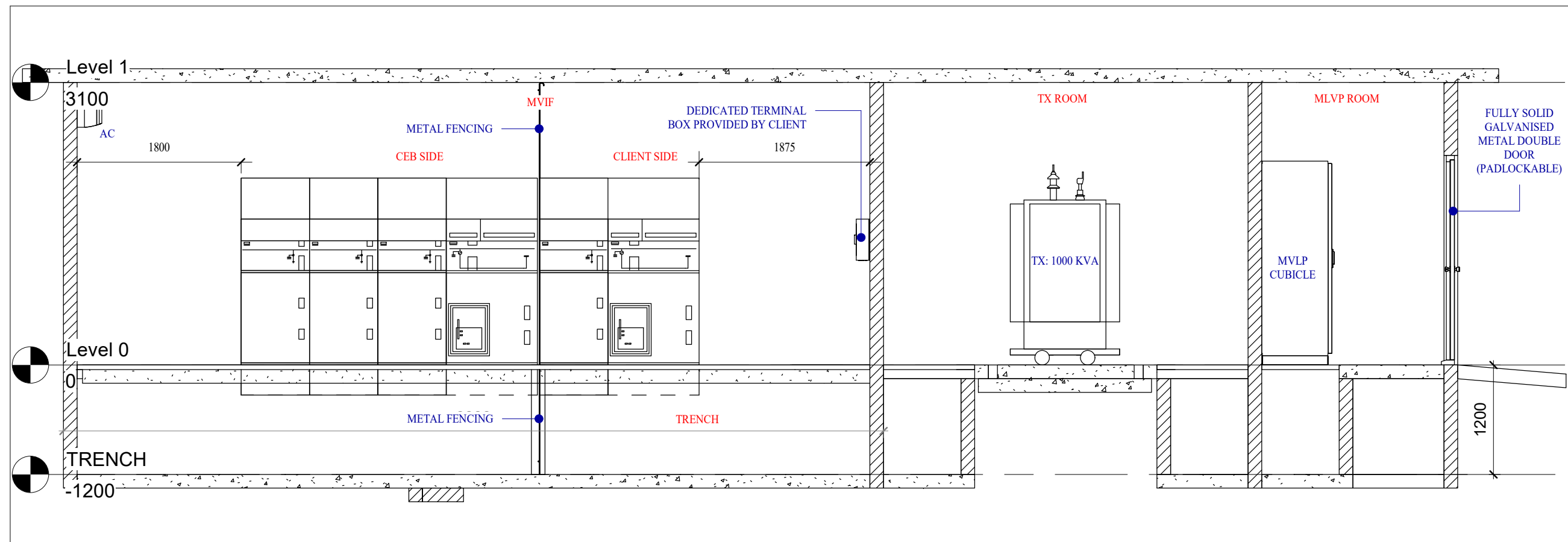
ARCHITECT/ID	-	DRAWING STATUS TENDER		
STRUCTURAL ENGINEER	-	DRAWING REF 1	DRAWING NO.	REVISION
CLIENT	DBM ENERGY LTD	DRAWING REF 2	DRAWING NO.	REVISION
PROJECT NAME	PV FARMS AT JNH HOSPITAL, DBM ENERGY	DRAWN BY SM	CHECKED BY SR	APPROVED BY SR
SHEET DESCRIPTION	ELECTRICAL SCHEMATIC	DATE 29.03.21	PAPER SIZE A3	SCALE NTS
		PROJECT No. 19026	DRAWING No. E-S-SC01	REVISION T2



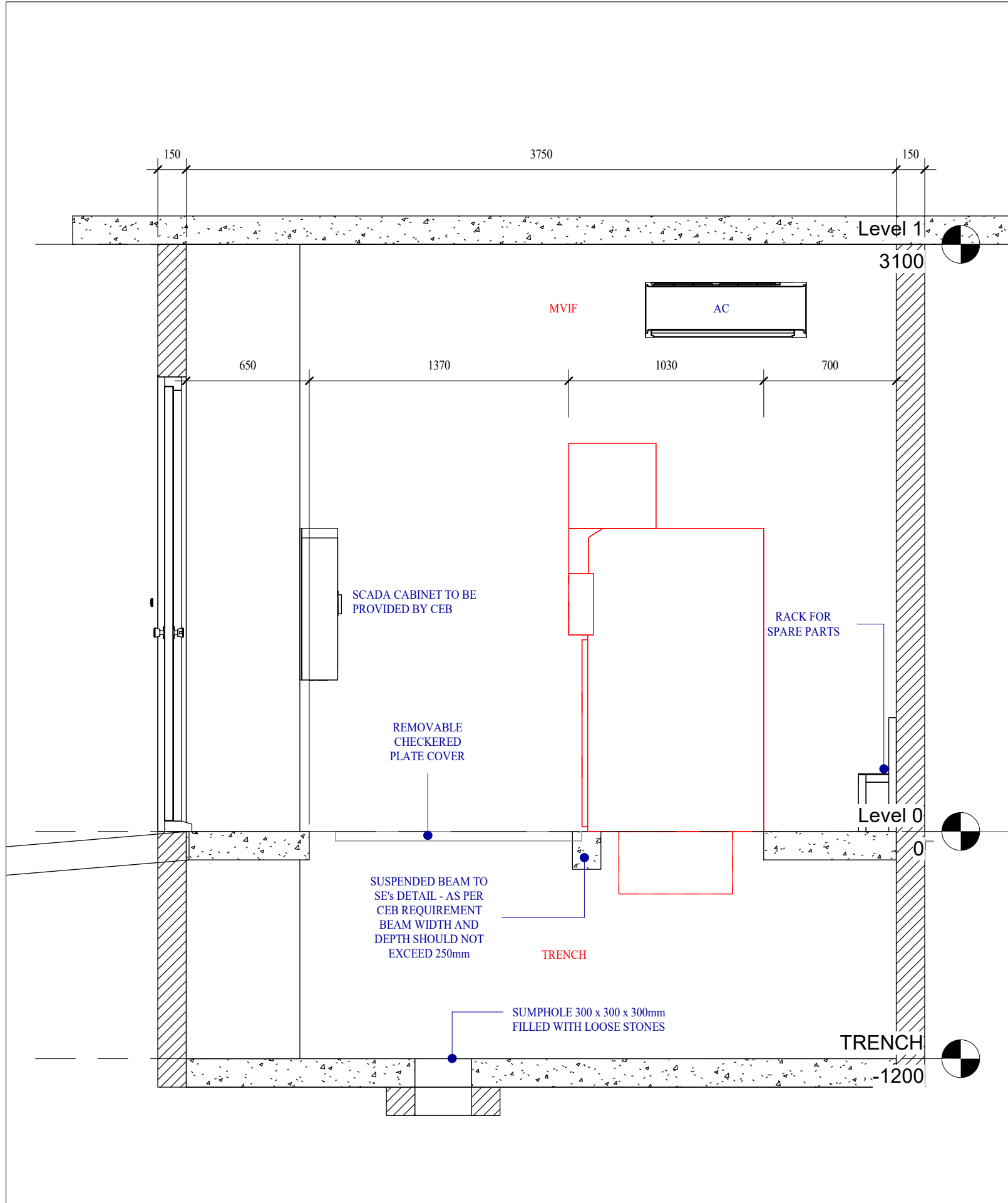
0 TECHNICAL ROOM LAYOUT
1:25



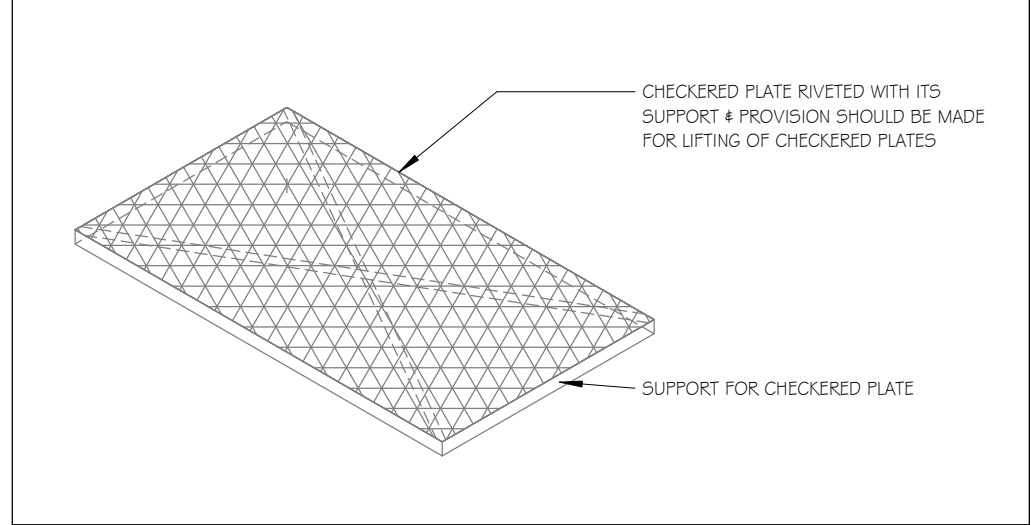
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1:50



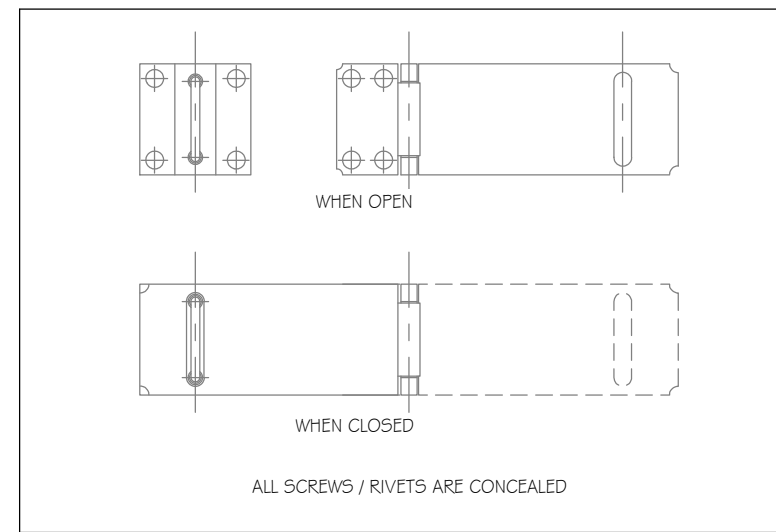
1 SECTION 1
1:50



2 SECTION 2
1:25



3 DETAIL OF REMOVABLE CHECKERED PLATE
NTS



4 DETAILS OF PADLOCK FACILITIES
NTS

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LEGEND

GENERAL NOTES:

1. PROVIDE FOR RAINWATER DRAINAGE
2. ALLOW FOR AC IN THE MV INTERCONNECTION FACILITY (MVIF)

17.03.21 - T1 - TENDER - RC

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ARCHITECT/ID

STRUCTURAL ENGINEER

CLIENT

BDM ENERGY LTD

PROJECT NAME

JAWAHARLAL NEHRU HOSPITAL ROOFTOP PV FARM

SHEET DESCRIPTION

TECHNICAL ROOM

DRAWING STATUS

TENDER

DRAWING REF 1	DRAWING NO.	REVISION
DRAWING REF 2	DRAWING NO.	REVISION
DRAWN BY RC	CHECKED BY SR	APPROVED BY VM
DATE 05.04.21	PAPER SIZE A1	SCALE As indicated
PROJECT No. 19026	DRAWING No. E-TR-P100	REVISION T1

MODEL No.