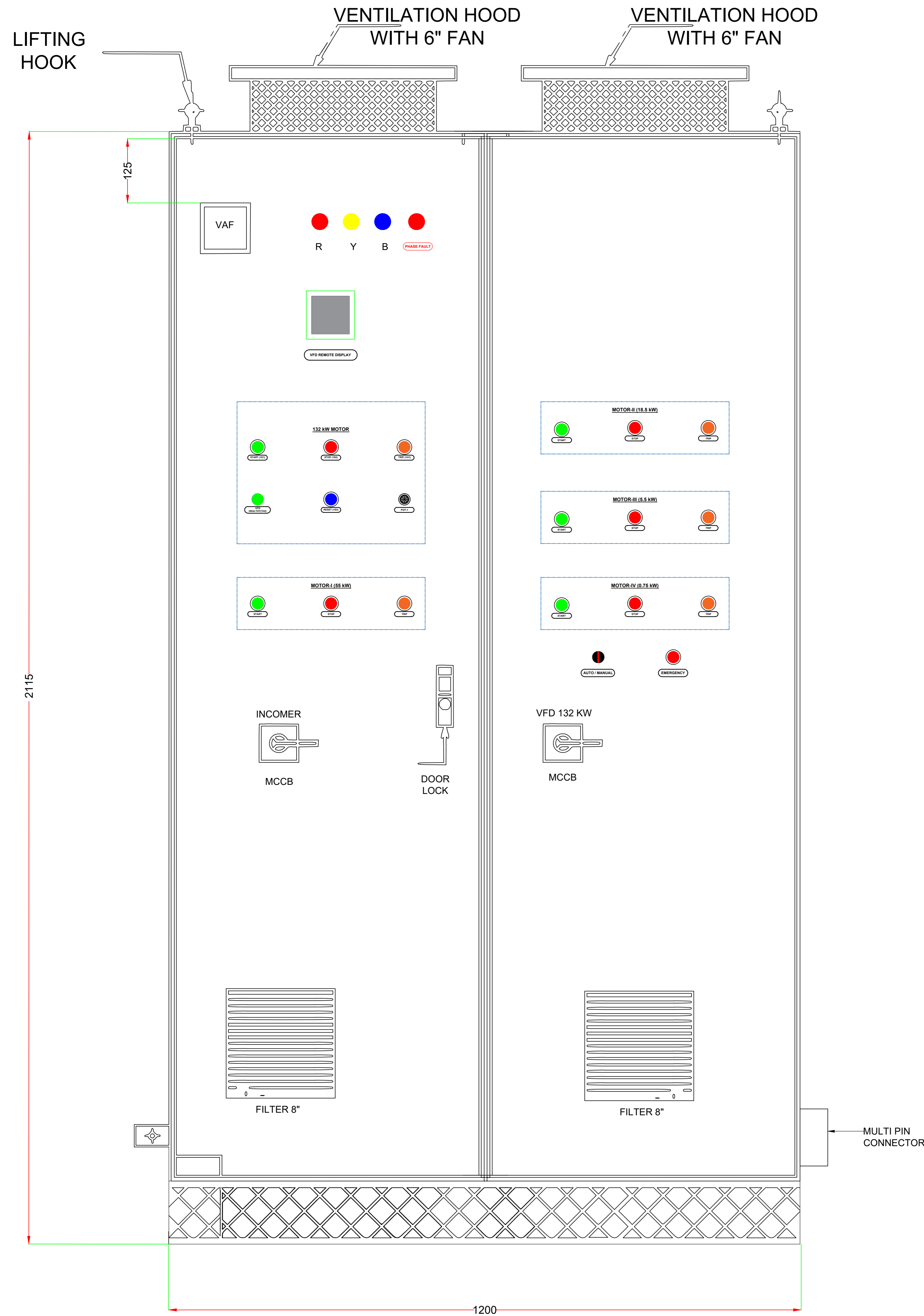
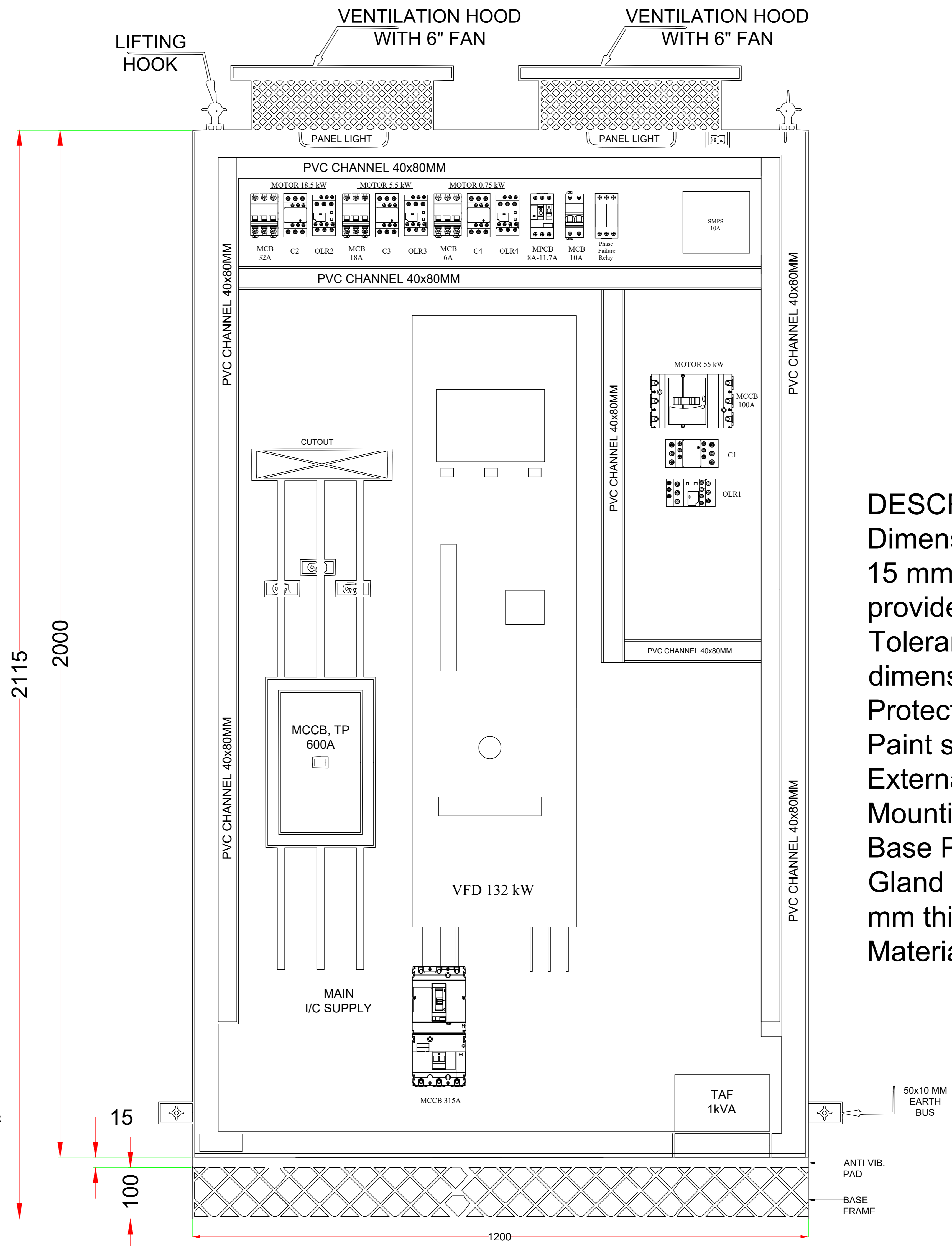


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FRONT VIEW EXTERNAL



FRONT VIEW INTERNAL

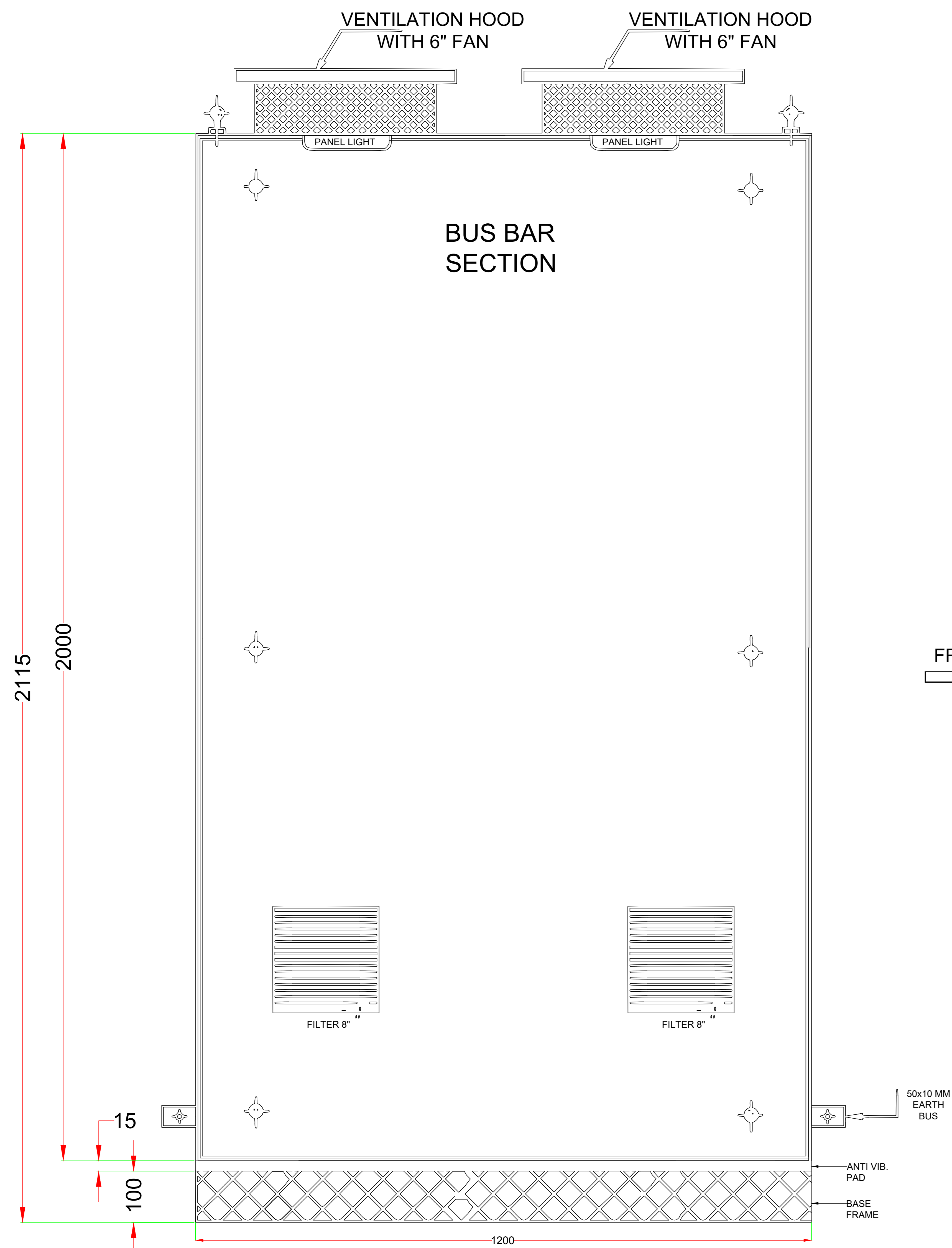
DESCRIPTION:
 Dimension: 2115 X 1200 X 800 mm
 15 mm thick anti-vibration pad shall be provided
 Tolerance: +/- 5 mm of panel dimension
 Protection: IP42
 Paint shade internal: RAL7035
 External: RAL7035
 Mounting Plate: Galvanised
 Base Plate: Black
 Gland Plate: Removable Gland Plate, 3 mm thick. (As per Rittal standard)
 Material: CRCA

REVISION No.	MODIFICATION CONTENTS	DATE	MADE BY	CHECKED BY
02	TITLE CHANGE	19-09-2024	S.N.S	S.S
01	According to MECON comments dated 22-02-2024	08-03-2024	S.N.S	S.S
00	Initial	22-02-2024	S.N.S	S.S

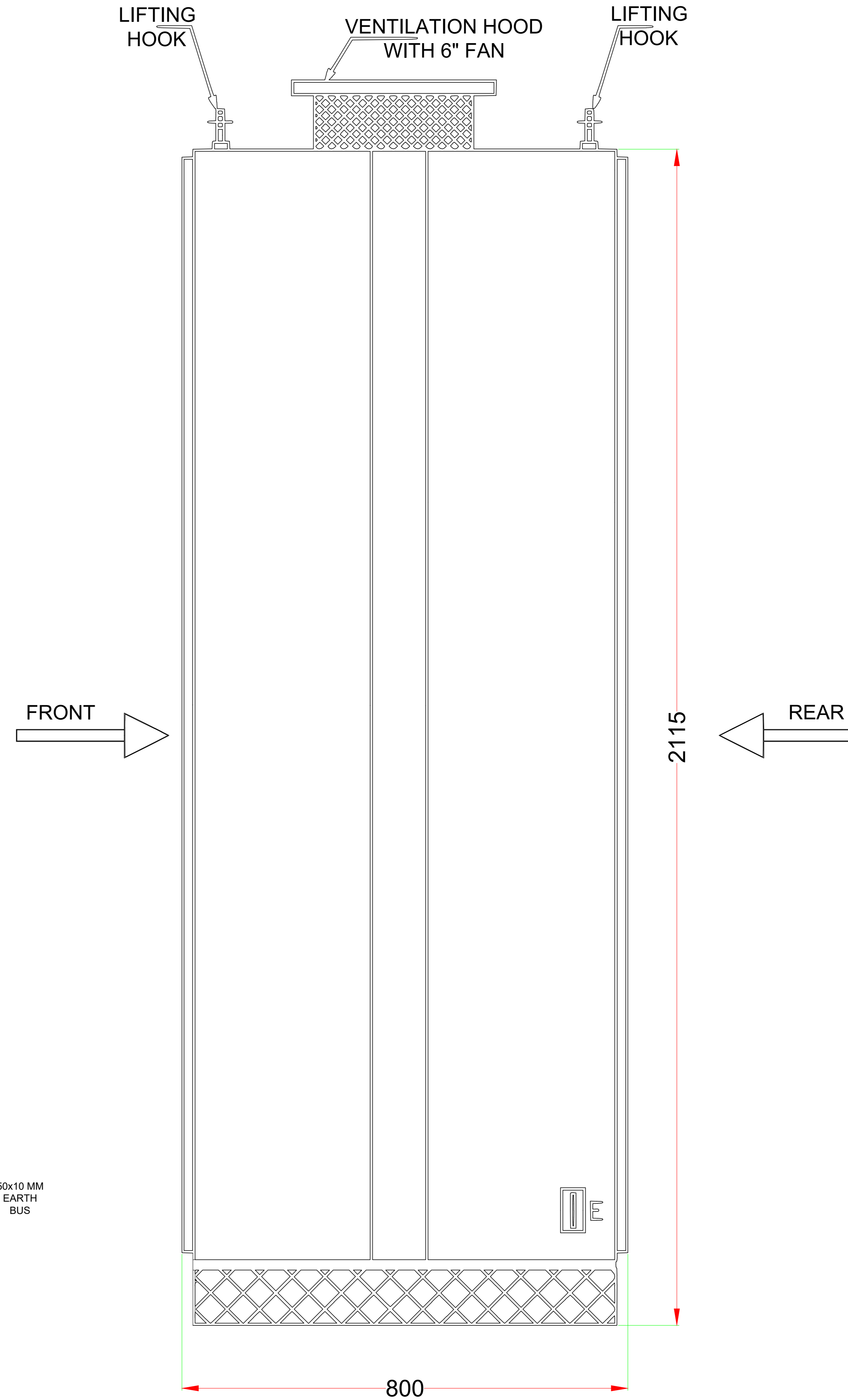
SUBMITTED FOR	APPROVAL	INFORMATION	REFERENCE	RECORD	CONSTRUCTION
3.0 MTPA INTEGRATED STEEL PLANT (NISP), NAGARNAR CHHATTISGARH HYDRAULIC TEST LAB (PACKAGE NO. 28B-14)					
मेकॉन लिमिटेड CONSULTANT MECON LIMITED					
NEOMETRIX ENGINEERING PVT. LTD. E-148, SECTOR 63, NOIDA, UP-201301 TEL No.: 0120-4598900, FAX No.: 0120-4598888					
DESIGNED	DK	HYDRAULIC TEST LAB ELECTRICAL PANEL WITH VFD (SCHEMATIC DRAWING-I)			
DRAWN	SNS				
CHECKED	SPS				
APPROVED	DATE				
SCALE		NTS	SHEET	1 OF 8	REV 02
MFR. DWG No.		T-DAP-A3589-EDWG			
PROJECT DWG. NO.		NMDC/NEPL/28B-14/01/01/BE/A3589/0003			

NOTE:
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REAR VIEW EXTERNAL



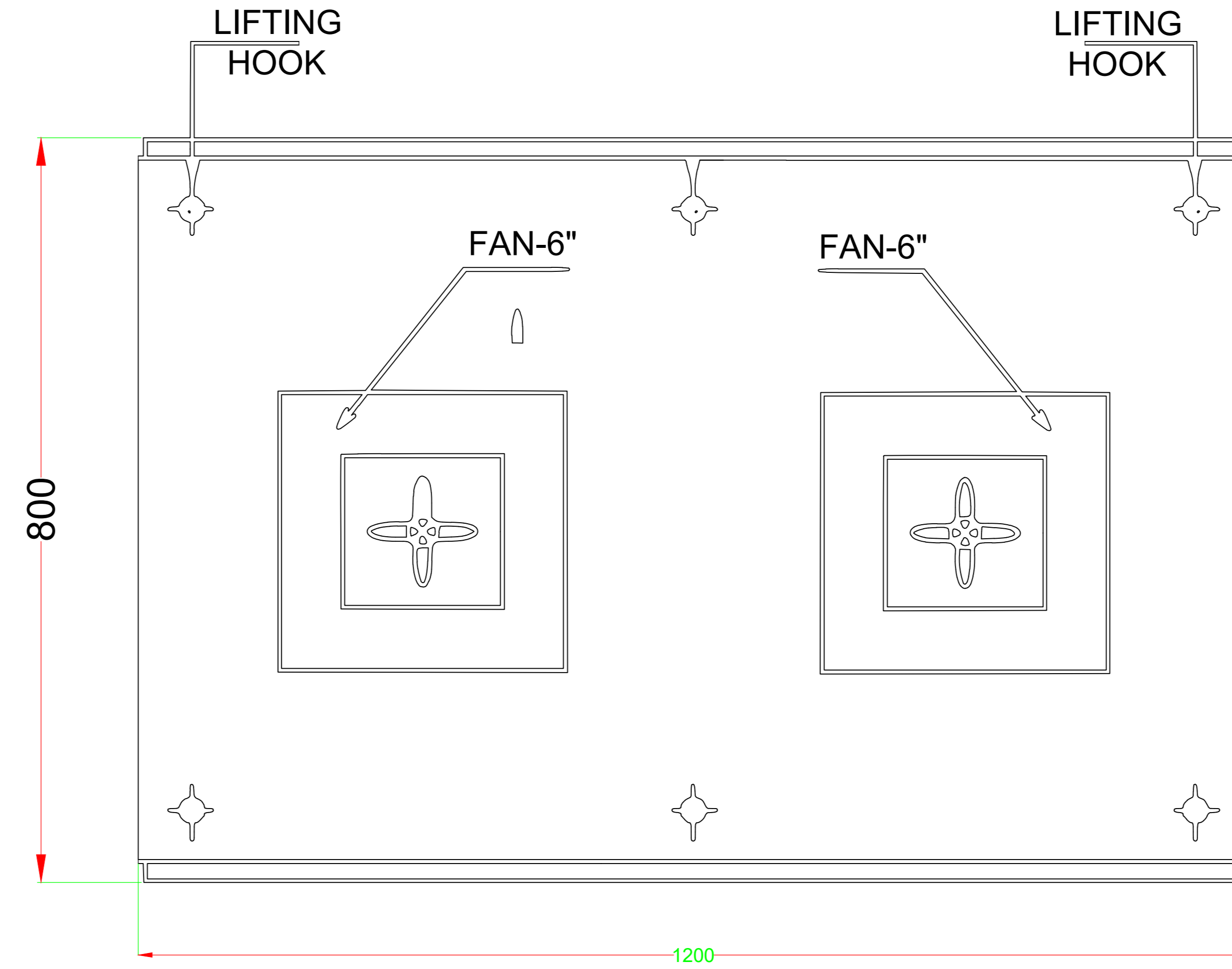
SECTION SIDE VIEW

NOTE:
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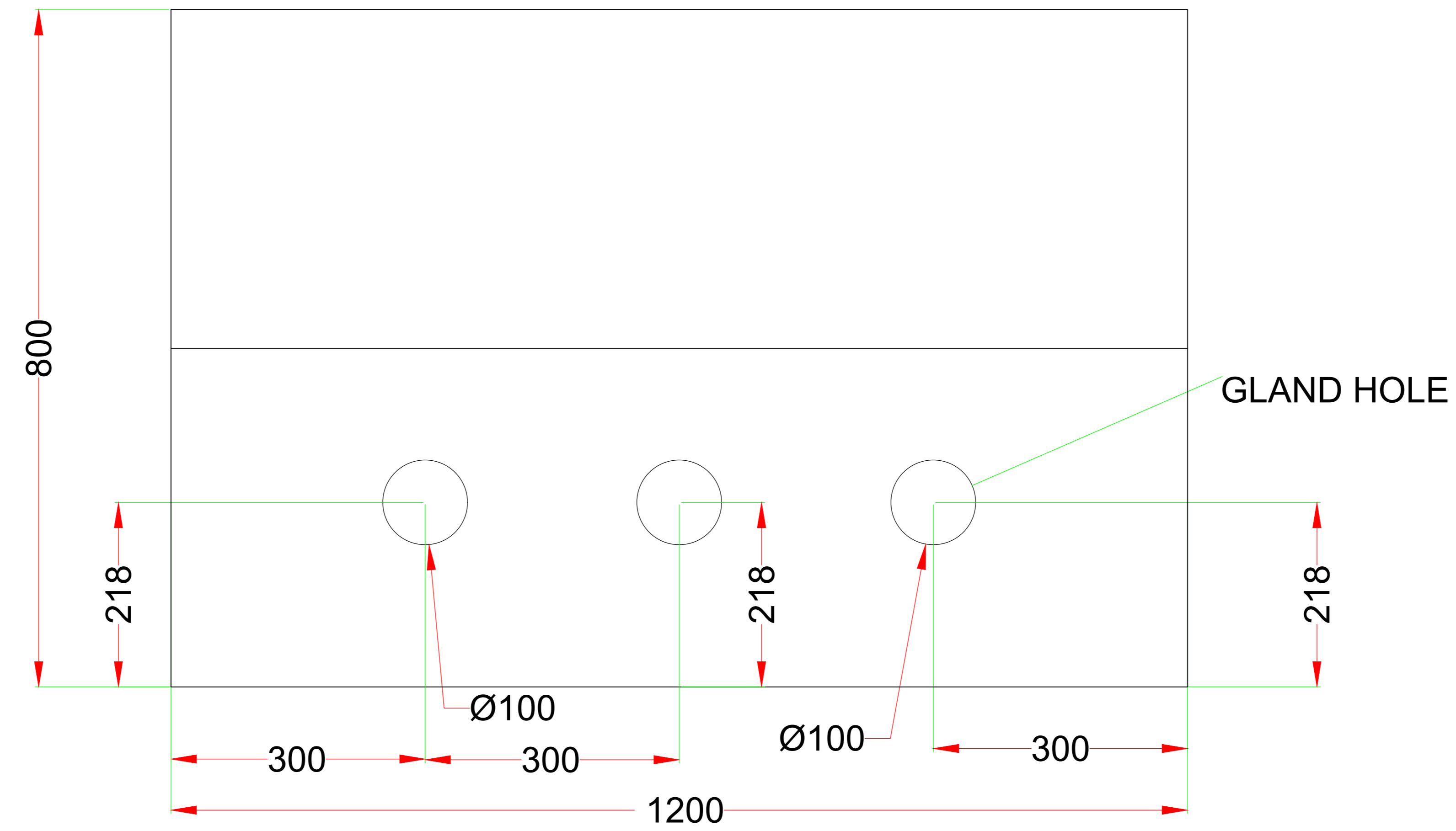
REVISION No.	MODIFICATION CONTENTS	DATE	MADE BY	CHECKED BY
02	TITLE CHANGE	19-09-2024	S.N.S	S.S
01	According to MECON comments dated 22-02-2024	08-03-2024	S.N.S	S.S
00	Initial	22-02-2024	S.N.S	S.S

SUBMITTED FOR	APPROVAL	INFORMATION	REFERENCE	RECORD	CONSTRUCTION
3.0 MTPA INTEGRATED STEEL PLANT (NISP), NAGARNAR CHHATTISGARH HYDRAULIC TEST LAB (PACKAGE NO. 28B-14)					
CONSULTANT मेकॉन लिमिटेड MECON LIMITED					
MANUFACTURER NEOMETRIX ENGINEERING PVT. LTD. E-148, SECTOR 63, NOIDA, UP-201301 TEL No.: 0120-4598900, FAX No.: 0120-450888					
DESIGNED	DK				
DRAWN	SNS				
CHECKED	SPS				
APPROVED	SIGN: _____ DATE: _____	SCALE	NTS	SHEET	2 OF 8
		MFR. DWG No.	T-DAP-A3589-EDWG	REV	02
		PROJECT DWG. NO.	NMDC/NEPL/28B-14/01/BE/A3589/0003		

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TOP VIEW



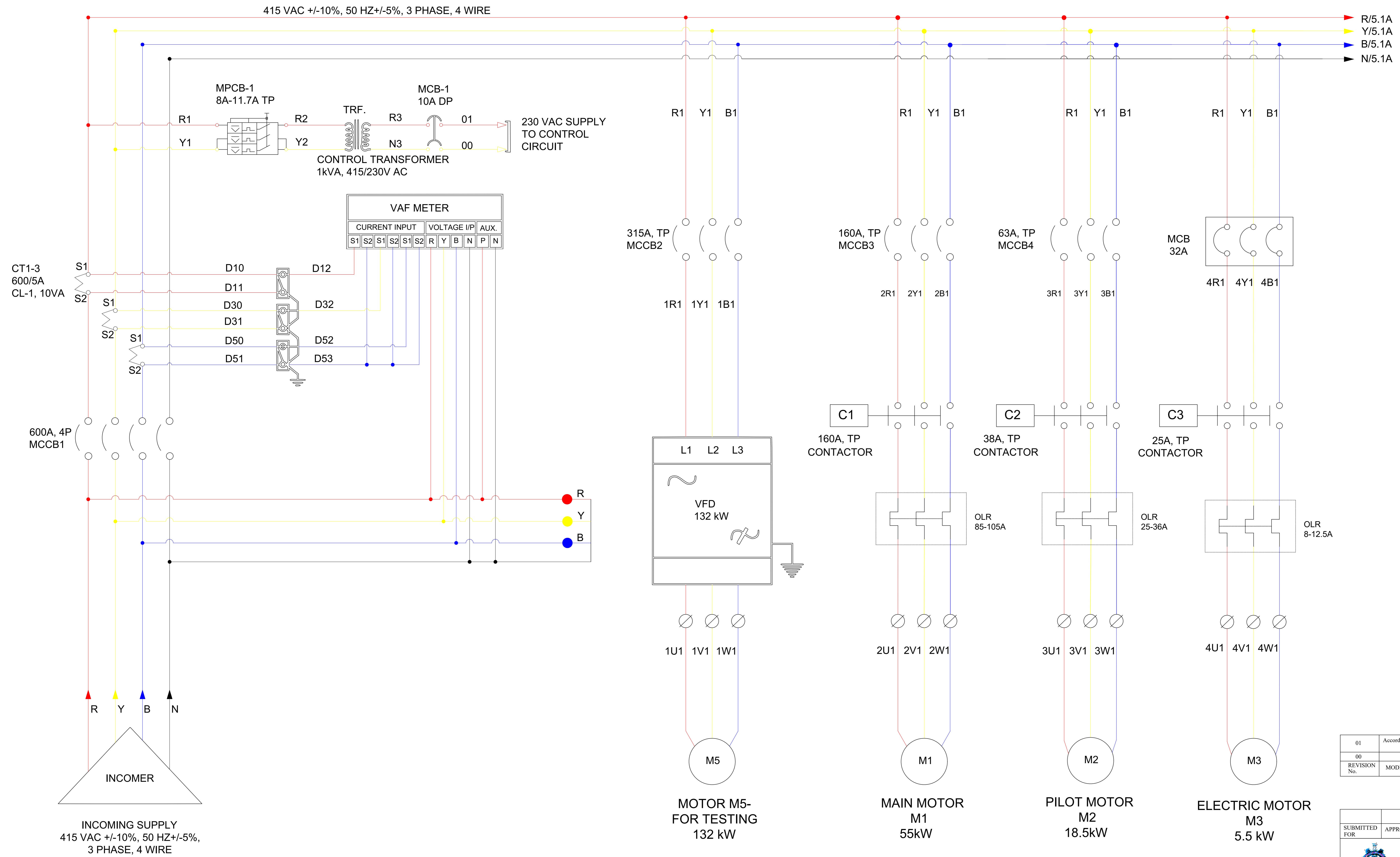
BOTTOM VIEW

NOTE:
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REVISION No.	MODIFICATION CONTENTS	DATE	MADE BY	CHECKED BY
02	TITLE CHANGE	19-09-2024	S.N.S	S.S
01	According to MECON comments dated 22-02-2024	08-03-2024	S.N.S	S.S
00	Initial	22-02-2024	S.N.S	S.S

SUBMITTED FOR	APPROVAL	INFORMATION	REFERENCE	RECORD	CONSTRUCTION
		NMDCL LIMITED 3.0 MTPA INTEGRATED STEEL PLANT (NISP), NAGARNAR CHHATTISGARH HYDRAULIC TEST LAB (PACKAGE NO. 28B-14)			
		मेकॉन लिमिटेड MECON LIMITED			
		NEOMETRIX ENGINEERING PVT. LTD. E-148, SECTOR 63, NOIDA, UP-201301 TEL No.: 0120-4590900, FAX No.: 0120-450888			
DESIGNED	DK	HYDRAULIC TEST LAB ELECTRICAL PANEL WITH VFD (SCHEMATIC DRAWING-III)			
DRAWN	SNS				
CHECKED	SPS	SCALE	NTS	SHEET	3 OF 8
APPROVED	SIGN: DATE:	MFR. DWG No.	T-DAP-A3589-EDWG	REV	02
		PROJECT DWG. NO.	NMDC/NEPL/28B-14/01/01/BE/A3589/0003		

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MAXIMUM DEMAND OF SYSTEM: 250 kW (SINGLE SOURCE)

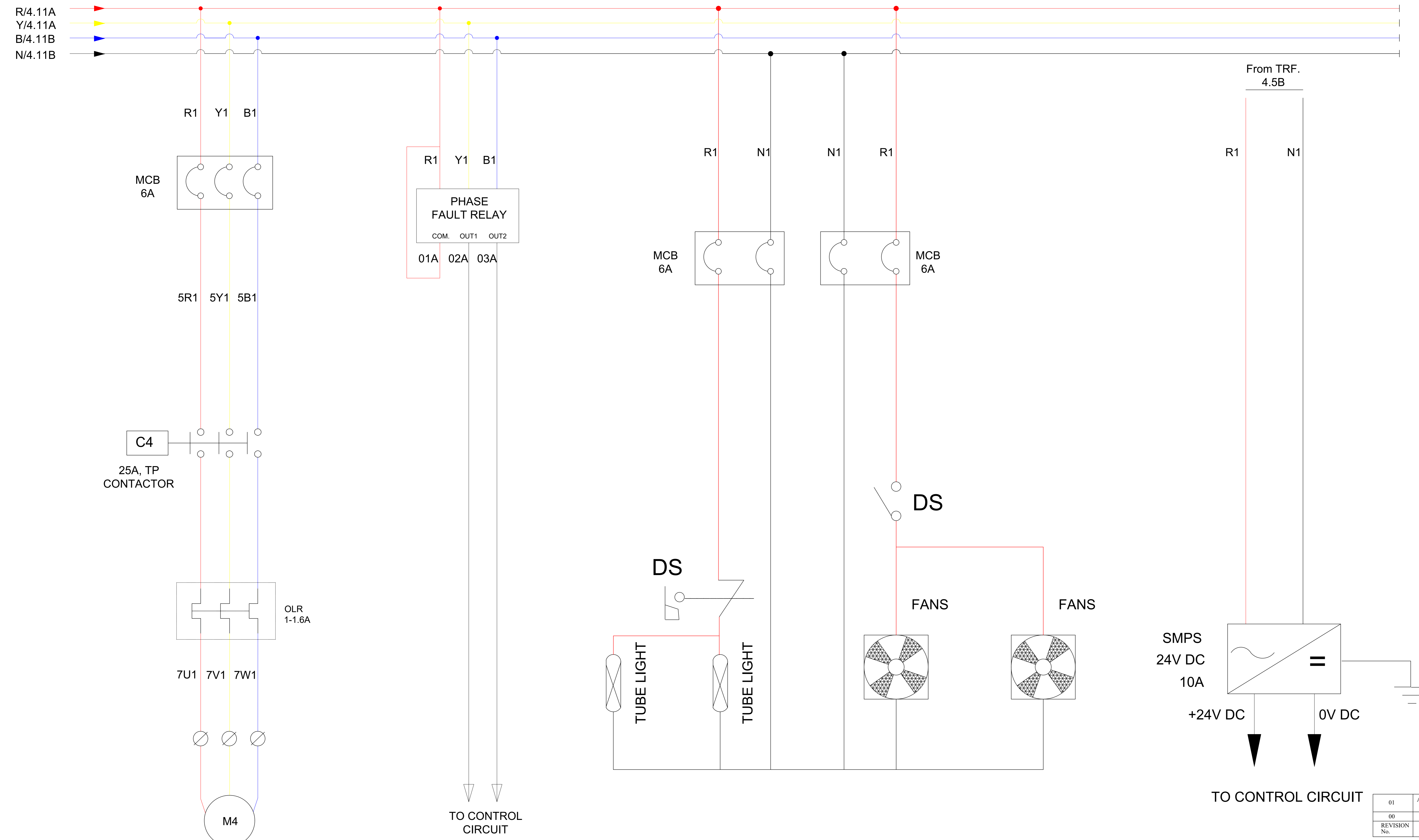
NOTE:
THIS IS TENTATIVE DRAWING SUBJECT TO CHANGE

POWER WIRING DIAGRAM-I

01	According to MECON comments dated 22-02-2024	08-03-2024	S.N.S	S.S
00	Initial	22-02-2024	S.N.S	S.S
REVISION No.	MODIFICATION CONTENTS	DATE	MADE BY	CHECKED BY

SUBMITTED FOR	APPROVAL	INFORMATION	REFERENCE	RECORD	CONSTRUCTION		
3.0 MTPA INTEGRATED STEEL PLANT (NISP), NAGARNAR HYDRAULIC TEST LAB (PACKAGE NO. 28B-14)							
	CONSULTANT मेकॉन लिमिटेड MECON LIMITED						
	MANUFACTURER NEOMETRIX ENGINEERING PVT. LTD. E-148, SECTOR 63, NOIDA, UP-201301 TEL No.: 0120-4598900, FAX No.: 0120-4598888						
DESIGNED	DK	HYDRAULIC TEST LAB POWER WIRING DIAGRAM-I					
DRAWN	SNS						
CHECKED	SPS						
APPROVED	SIGN. DATE	SCALE	NTS	SHEET	4 OF 8	REV	01
		MFR. DWG No.	T-DAP-A3589-EDWG				
		PROJECT DWG. NO.	NMDC/NEPL/28B-14/01/01/BE/A3589/0003				

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TO CONTROL CIRCUIT

TO CONTROL CIRCUIT

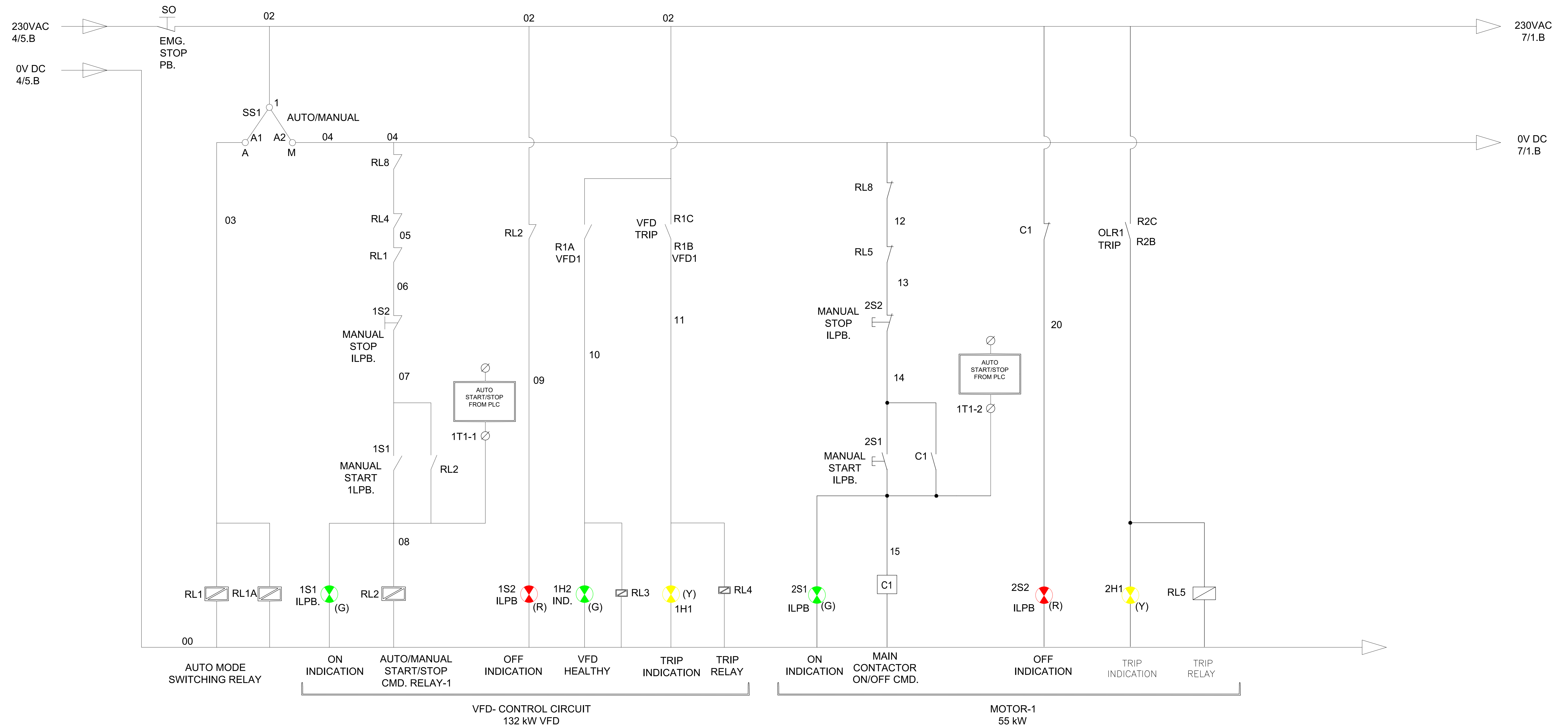
POWER WIRING DIAGRAM-III

NOTE:
 THIS IS TENTATIVE DRAWING SUBJECT TO CHANGE

01	According to MECON comments dated 22-02-2024	08-03-2024	S.N.S	S.S
00	Initial	22-02-2024	S.N.S	S.S
REVISION No.	MODIFICATION CONTENTS	DATE	MADE BY	CHECKED BY

SUBMITTED FOR	APPROVAL	INFORMATION	REFERENCE	RECORD	CONSTRUCTION
			NMDC LIMITED 3.0 MTPA INTEGRATED STEEL PLANT (NISP), NAGARNAR CHHATTISGARH HYDRAULIC TEST LAB (PACKAGE NO. 28B-14)		
			मेकॉन लिमिटेड CONSULTANT MECON LIMITED		
			NEOMETRIX ENGINEERING PVT. LTD. E-148, SECTOR 63, NOIDA, UP-201301 TEL No.: 0120-4598900, FAX No.: 0120-450888		
DESIGNED	DK	HYDRAULIC TEST LAB (POWER WIRING DIAGRAM-III)			
DRAWN	SNS				
CHECKED	SPS	SCALE	NTS	SHEET	5 OF 8
APPROVED	SIGN: DATE	MFR. DWG No.	T-DAP-A3589-EDWG	REV	01
		PROJECT DWG. NO.	NMDC/NEPL/28B-14/01/01/BE/A3589/0003		

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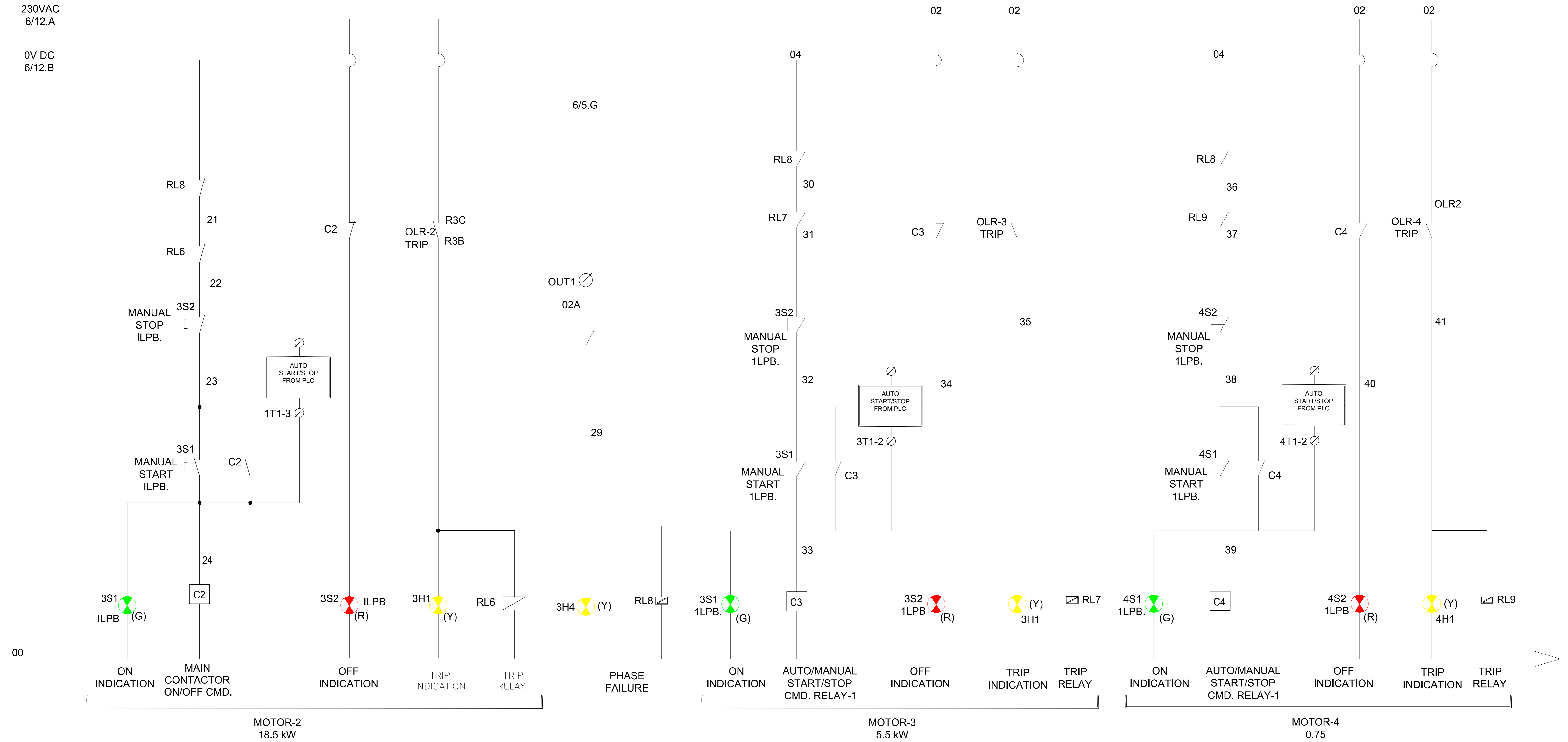
CONTROL CIRCUIT DIAGRAM-I

NOTE:
THIS IS TENTATIVE DRAWING SUBJECT TO CHANGE

01	According to MECON comments dated 22-02-2024	08-03-2024	S.N.S	S.S
00	Initial	22-02-2024	S.N.S	S.S
REVISION No.	MODIFICATION CONTENTS	DATE	MADE BY	CHECKED BY

SUBMITTED FOR	APPROVAL	INFORMATION	REFERENCE	RECORD	CONSTRUCTION			
		NMDCL LIMITED 3.0 MTPA INTEGRATED STEEL PLANT (NISP), NAGARNAR CHHATTISGARH HYDRAULIC TEST LAB (PACKAGE NO. 28B-14)						
		CONSULTANT मेकॉन लिमिटेड MECON LIMITED						
		MANUFACTURER NEOMETRIX ENGINEERING PVT. LTD. P-148, SECTOR 63, Noida, UP-201301 TEL No.: 0120-450800, FAX No.: 0120-450888						
DESIGNED	DK	HYDRAULIC TEST LAB CONTROL CIRCUIT DIAGRAM-I						
DRAWN	SNS							
CHECKED	SPS	SCALE	NTS	SHEET	6 OF 8	REV	01	
APPROVED	SIGN. DATE	MFR. DWG No.	T-DAP-A3589-EDWG		PROJECT DWG. NO.			NMDC/NEPL/28B-14/01/01/BE/A3589/0003

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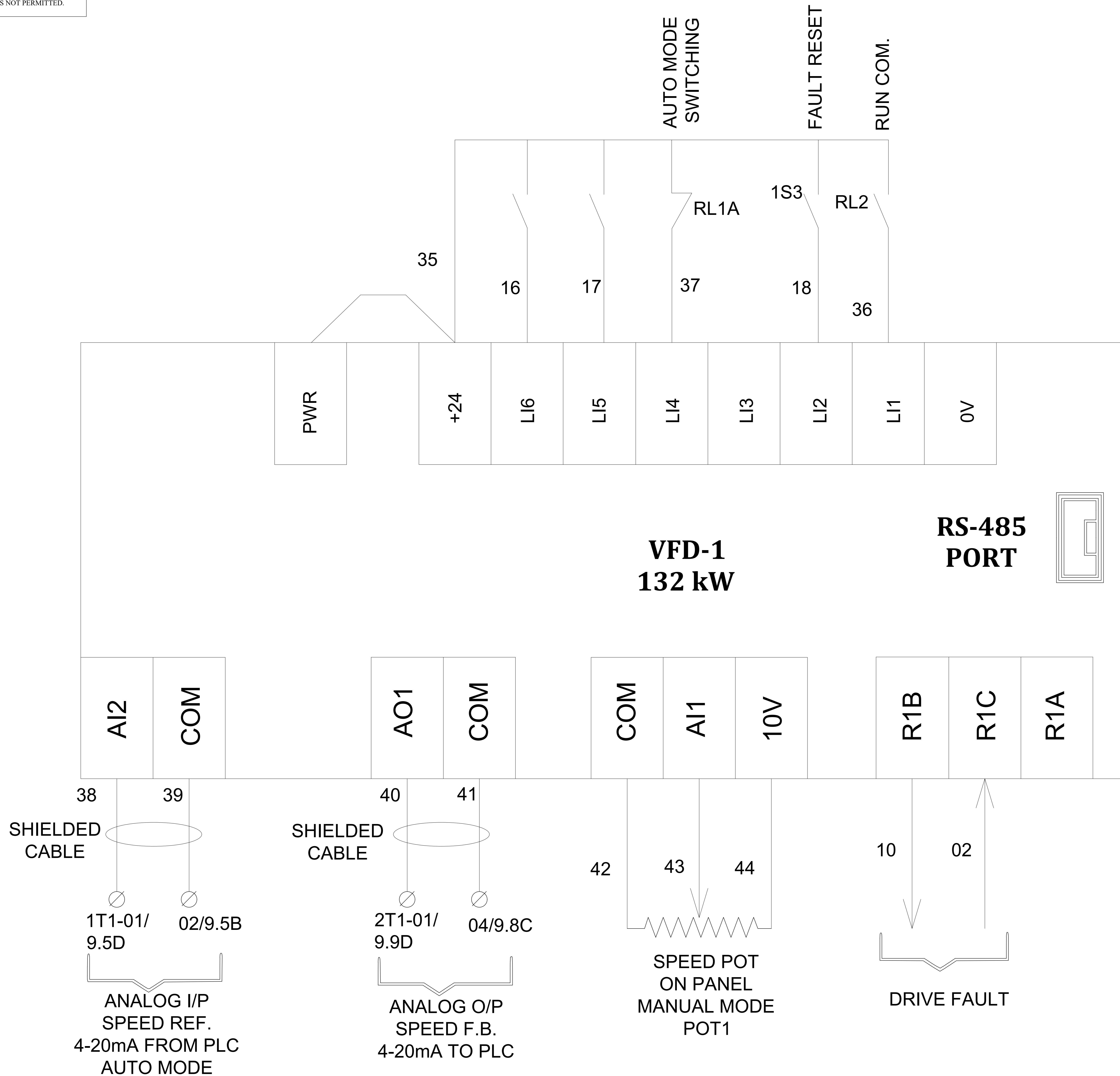
REVISION No.	MODIFICATION CONTENTS	DATE	MADE BY	CHECKED BY
02	TITLE CHANGE	19-09-2024	S.N.S	S.S
01	According to MECON comments dated 22-02-2024	08-03-2024	S.N.S	S.S
00	Initial	22-02-2024	S.N.S	S.S

CONTROL CIRCUIT DIAGRAM-II

NOTE:
 THIS IS TENTATIVE DRAWING SUBJECT TO CHANGE

SUBMITTED FOR	APPROVAL	INFORMATION	REFERENCE	RECORD	CONSTRUCTION		
			NMDC LIMITED 3.0 MTPA INTEGRATED STEEL PLANT (NISP), NAGARNAR CHHATTISGARH HYDRAULIC TEST LAB (PACKAGE NO. 28B-14)				
			CONSULTANT मेकॉन लिमिटेड MECON LIMITED				
			MANUFACTURER NEOMETRIX ENGINEERING PVT. LTD. E-148, SECTOR 63, NOIDA, UP-201301 TEL No.: 0120-4598900, FAX No.: 0120-4598888				
DESIGNED	DK	HYDRAULIC TEST LAB (CONTROL CIRCUIT DIAGRAM-II)					
DRAWN	SNS						
CHECKED	SPS	SCALE	NTS	SHEET	7 OF 8	REV	02
APPROVED	SIGN: _____ DATE: _____	MFR. DWG No.	T-DAP-A3589-EDWG				
		PROJECT DWG. NO.	NMDC/NEPL/28B-14/01/01/BE/A3589/0003				

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01	According to MECON comments dated 22-02-2024	08-03-2024	S.N.S	S.S
00	Initial	22-02-2024	S.N.S	S.S
REVISION No.	MODIFICATION CONTENTS	DATE	MADE BY	CHECKED BY

SUBMITTED FOR	APPROVAL	INFORMATION	REFERENCE	RECORD	CONSTRUCTION
3.0 MTPA INTEGRATED STEEL PLANT (NISP), NAGARNAR CHHATTISGARH HYDRAULIC TEST LAB (PACKAGE NO. 28B-14)					
	CONSULTANT मेकॉन लिमिटेड MECON LIMITED				
	MANUFACTURER NEOMETRIX ENGINEERING PVT. LTD. E-148, SECTOR 63, NOIDA, UP-201301 TEL No.: 0120-4598900, FAX No.: 0120-450888				
DESIGNED	DK	HYDRAULIC TEST LAB (VFD PANEL CONTROL CIRCUIT DIAGRAM)			
DRAWN	SNS				
CHECKED	SPS	SCALE	NTS	SHEET	8 OF 8
APPROVED	SIGN: DATE:	MFR. DWG No.	T-DAP-A3589-EDWG	REV	02
		PROJECT DWG. NO.	NMDC/NEPL/28B-14/01/01/BE/A3589/0003		