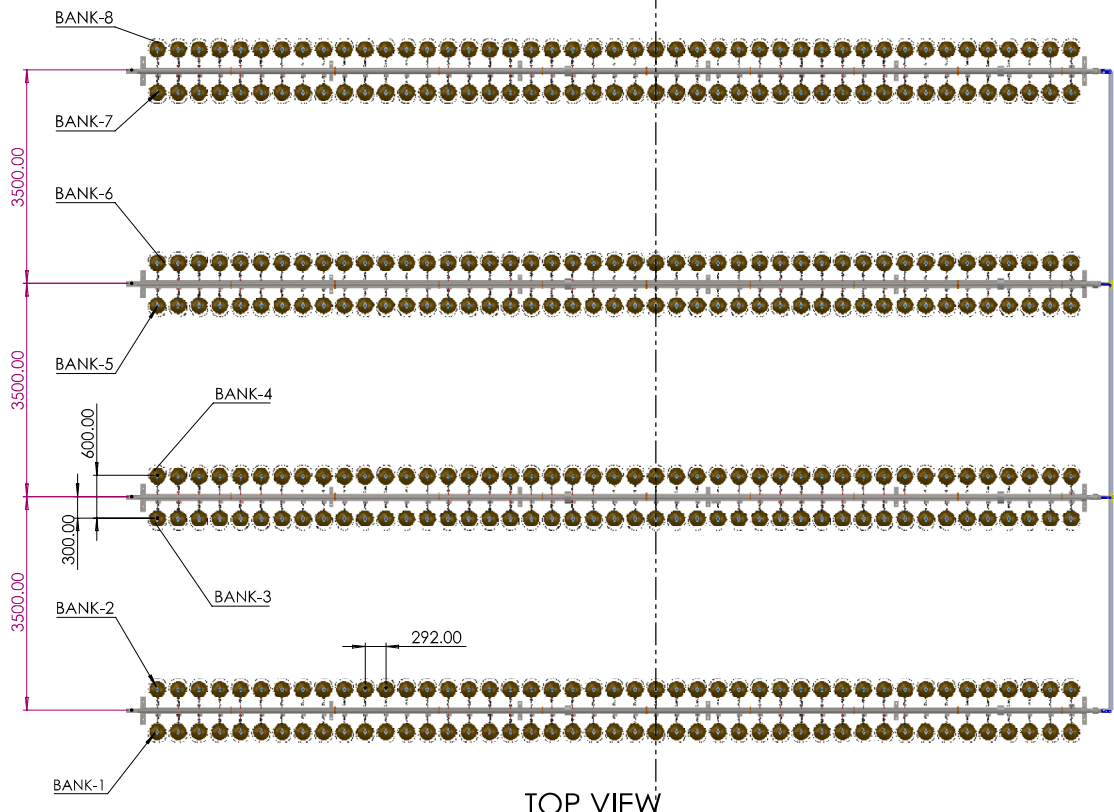
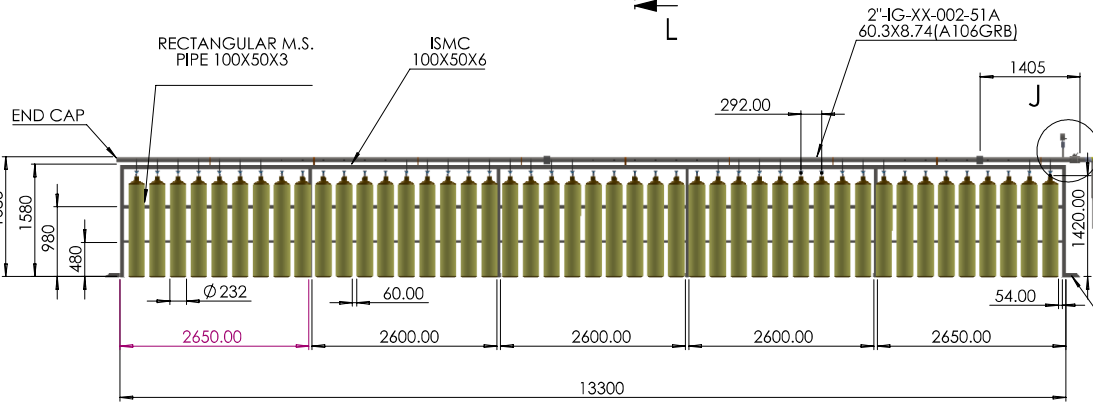


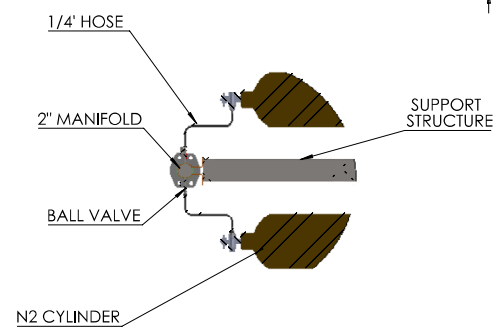
THIS DWG. IS SOLE PROPERTY OF NEOMETRIX DEFENCE LTD.
UNAUTHORISED USE OF THIS DWG. OR MAKING PRODUCT AS PER THIS DWG. WITHOUT OUR PERMISSION OR ANY OTHER MISUSE IS NOT PERMITTED.



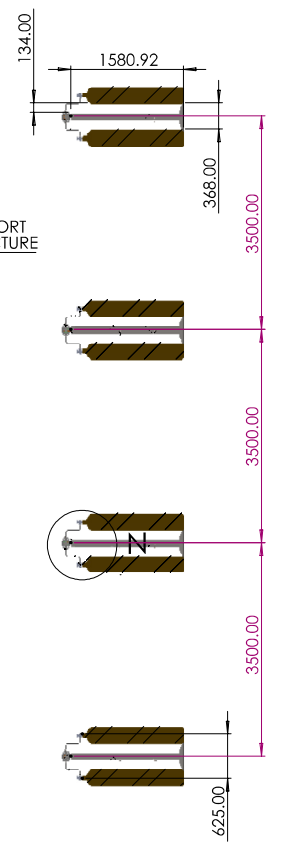
TOP VIEW



FRONT VIEW



DETAIL N
SCALE 1 : 15



SECTION L-L
SCALE 1 : 50

Bharat Heavy Electricals Limited
Ramachandrapuram, Hyderabad

PROJECT ENGINEERING DEPARTMENT

DESCRIPTION OF CODE :-

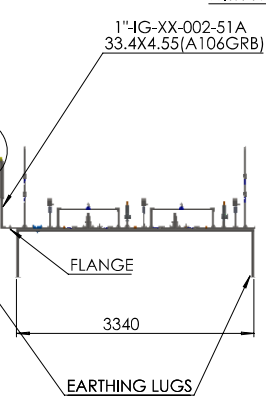
- APPROVED SUBMIT AS BUILT DRAWINGS / DOCUMENTS.
- APPROVED WITH MINOR COMMENTS ACTIVITY MAY PROCEED PLEASE RESUBMIT FOR FINAL APPROVAL.
- REVISE AS PER BHEL COMMENTS AND RESUBMIT FOR APPROVAL.
- RETAINED FOR INFORMATION.

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Comments as marked on drawing ✓
Comments as in enclosed document.

03.05.2025

DIAL GAUGE WITH TWO WAY MANIFOLD



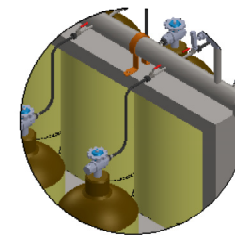
DETAIL J
SCALE 1 : 25

- NOTE:-
- REMOVE ALL SHARP EDGES UNTILL AND UNLESS MENTIONED.
 - DONT START PRODUCTION IF DRAWING ID NOT APPROVED.
 - ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED
 - AFTER WELDING PROPER GRINDING AND STRESS RELIEVED SHOULD BE GIVEN

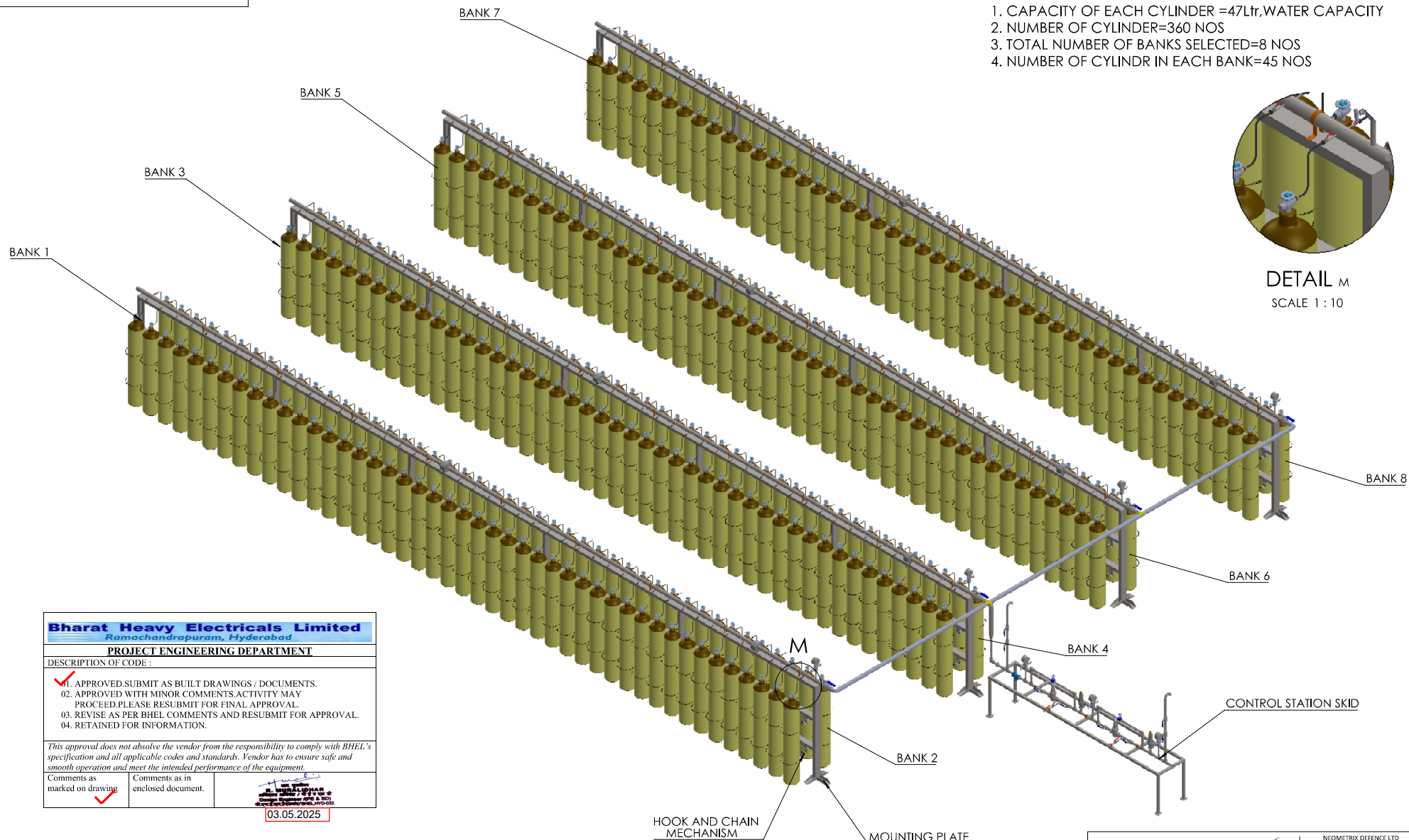
NEOMETRIX		NEOMETRIX DEFENCE LTD E: 3RD FLOOR, SECTOR 03, WINDMILL, GP-201301 Tel No.: 02204502800 Fax No.: 02204502800 E-mail: contact@neometrixgroup.com Design Dept: design@neometrixgroup.com	
TITLE	N2 MANIFOLD CUM CONTROL STATION	WEIGHT	G
SUB-TITLE	GA DRAWING	QTY.	1
SRS CODE	A8422	MTRL.	-
CUSTOMER	BHEL	COATING	-
END USER	-	COLOUR	-
TD/PO. No.	-	DATED	-
DRW. NO.	DRWN. M.G.	DATE	22-04-2025
CHK. P.N.	CHK. P.N.	DATE	22-04-2025
APPR. S.P.S.	APPR. S.P.S.	DATE	22-04-2025
SIZE	A3	SCALE	1:1
SHR. NO.	01	OF	03
NEW DWG No.	T-DAP-N2 MANIFOLD-A8422-REV-02		
REV	02		

THIS DWG. IS SOLE PROPERTY OF NEOMETRIX DEFENCE LTD. UNAUTHORISED USE OF THIS DWG. OR MAKING PRODUCT AS PER THIS DWG. WITHOUT OUR PERMISSION OR ANY OTHER MISUSE IS NOT PERMITTED.

- NOTE:
1. CAPACITY OF EACH CYLINDER = 47Ltr, WATER CAPACITY
 2. NUMBER OF CYLINDER = 360 NOS
 3. TOTAL NUMBER OF BANKS SELECTED = 8 NOS
 4. NUMBER OF CYLINDER IN EACH BANK = 45 NOS



DETAIL M
SCALE 1 : 10




Bharat Heavy Electricals Limited
Ramachandrapuram, Hyderabad

PROJECT ENGINEERING DEPARTMENT

DESCRIPTION OF CODE :

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03. REVISE AS PER BHEL COMMENTS AND RESUBMIT FOR APPROVAL.
04. RETAINED FOR INFORMATION.

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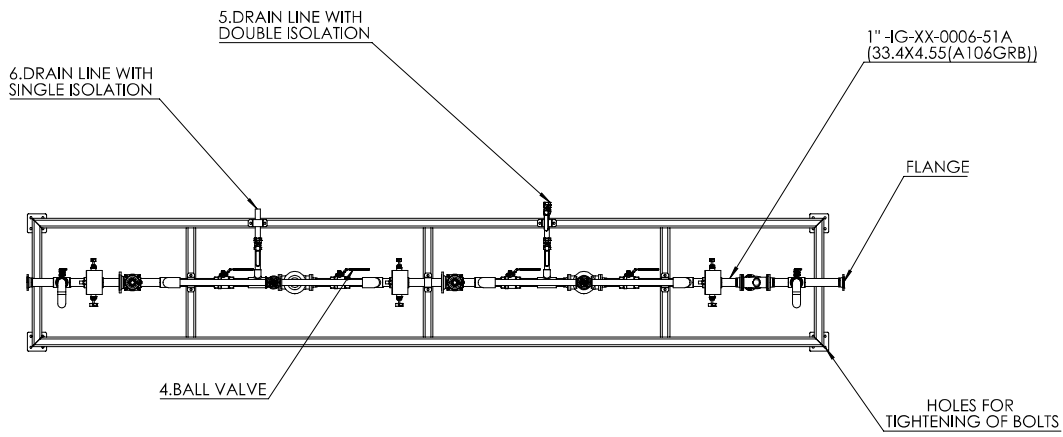
Comments as marked on drawing ✓	Comments as in enclosed document.	 S. S. Srinivas 03.05.2025
---------------------------------	-----------------------------------	---

- NOTE:-
1. REMOVE ALL SHARP EDGES UNTILL AND UNLESS MENTIONED.
 2. DONT START PRODUCTION IF DRAWING ID NOT APPROVED.
 3. ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED
 4. AFTER WELDING PROPER GRINDING AND STRESS RELIEVED SHOULD BE GIVEN

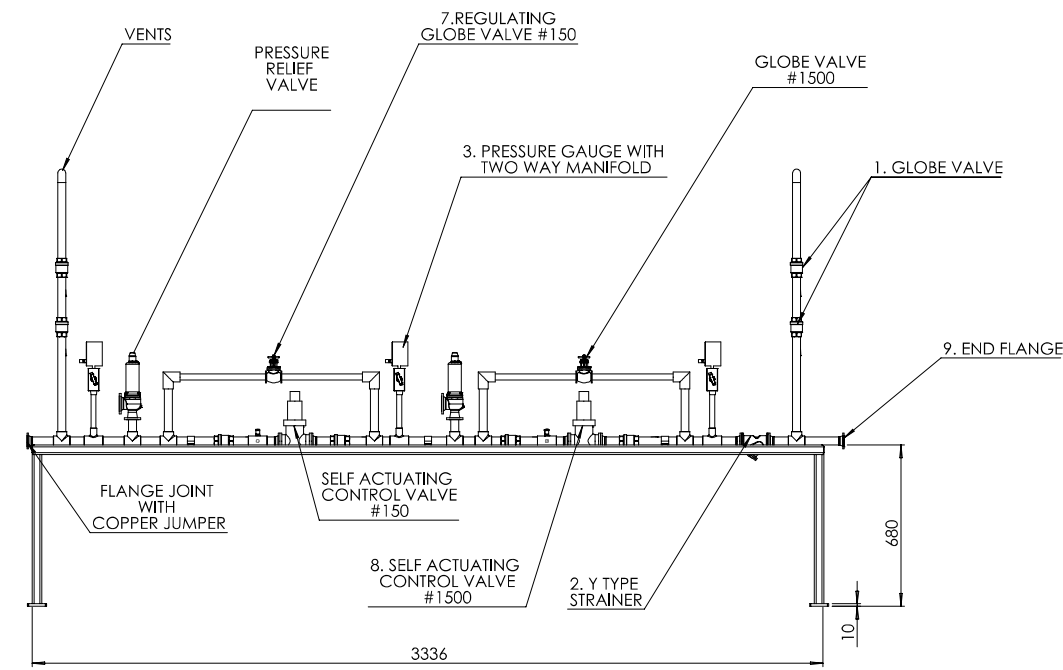
ISOMETRIC VIEW

NEOMETRIX		NEOMETRIX DEFENCE LTD E: 388, SECTOR 03, WINDIA, GP-201301 Tel No.: 020-4508080 Fax No.: 020-4508080 E-mail: contact@neometrixgroup.com Design Dept: design@neometrixgroup.com	
TITLE	N2 MANIFOLD CUM CONTROL STATION	WEIGHT	G
SUB-TITLE	GA DRAWING	QTY.	1
SRS CODE	AB422	MTRL.	-
CUSTOMER	BHEL	COATING	-
END USER	-	COLOUR	-
TD/PO. No.	-	DATED	-
DRW. CHK. APPR.	SUCHETA P.N. S.P.S.	DATE	22-04-2025 22-04-2025
SIZE	A3	SCALE	1:1
SHRIT	01	OF	03
NEW DWG No.	T-DAP-N2 MANIFOLD-AB422-REV-02		
REV	02		

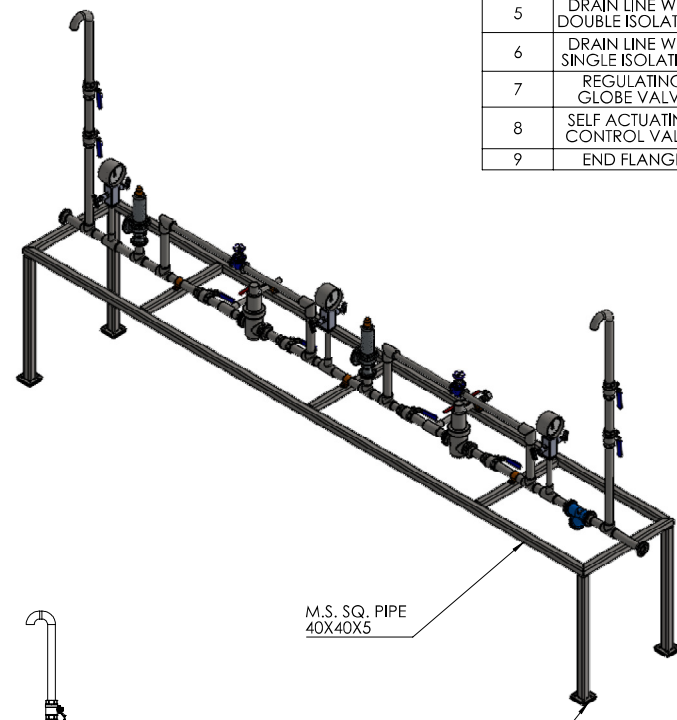
THIS DWG. IS SOLE PROPERTY OF NEOMETRIX DEFENCE LTD. UNAUTHORISED USE OF THIS DWG. OR MAKING PRODUCT AS PER THIS DWG. WITHOUT OUR PERMISSION OR ANY OTHER MISUSE IS NOT PERMITTED.



(TOP VIEW)



(FRONT VIEW)



(SIDE VIEW)

S.NO	PART NAME	QTY.
1	GLV	04
2	STRAINER Y TYPE	01
3	PRESSURE GAUGE	03
4	BALL VALVE	01
5	DRAIN LINE WITH DOUBLE ISOLATION	01
6	DRAIN LINE WITH SINGLE ISOLATION	01
7	REGULATING GLOBE VALVE	02
8	SELF ACTUATING CONTROL VALVE	02
9	END FLANGE	01

- NOTE:-
1. REMOVE ALL SHARP EDGES UNTILL AND UNLESS MENTIONED.
 2. DONT START PRODUCTION IF DRAWING ID NOT APPROVED.
 3. ALL DIMENSIONS ARE IN MM , UNLESS SPECIFIED
 4. AFTER WELDING PROPER GRINDING AND STRESS RELIEVED SHOULD BE GIVEN
 5. ALL THE FOUNDATION BOLTS/STUD NUTS AND BOLTS WILL BE SUPPLIED BY M/S NEOMETRIX.
 6. ALL FLANGES SHALL BE SUPPLIED WITH COUNTERFLANGES BY M/S NEOMETRIX.
 7. COPPER JUMPERS TO BE PROVIDED FOR THE FLANGES JOINTS BY M/S NEOMETRIX.
 8. TAG NOS FOR ALL INSTRUMENTS AND VALVES WILL BE PROVIDED AS PER P&ID.

FOUNDATION PLAN GIVEN REF. DRG. NO. T-DAP-PARTDRG-A8422-REV00

Bharat Heavy Electricals Limited
 Ramachandrapuram, Hyderabad

PROJECT ENGINEERING DEPARTMENT

DESCRIPTION OF CODE :

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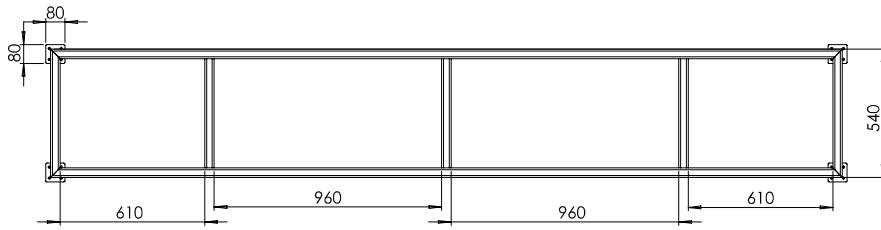
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Comments as marked on drawing Comments as in enclosed document.

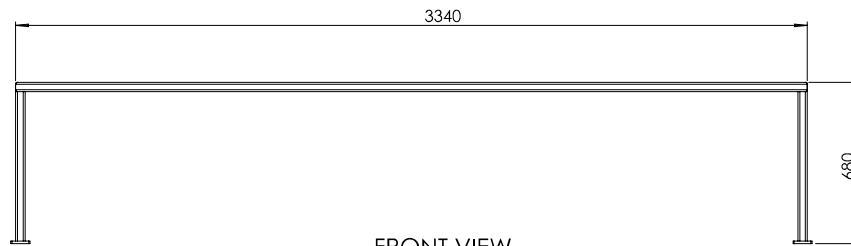
03.05.2025

TITLE		NITROGEN CYLINDER MANIFOLD CUM PR. CONTROL SYSTEM		WEIGHT	QTY.	1									
SUB-TITLE		GA DRAWING OF CONTROL SYSTEM SKID		MTRL.	-	-									
SRS CODE		A8422		COATING	-	-									
CUSTOMER		BHEL		COLOUR	-	-									
END USER		-		DATED	-	-									
TD/PO. No.		-		DATE											
DRWN	M.G	22-04-2025	CHK	P.N	22-04-2025	SIZE	A3	SCALE	1:1	SHEET	01	OF	03	REV	02
APPR	S.P.S.	22-04-2025	NEW DWG No.			T-DAP-GA DRAWING OF CONTROL SYSTEM SKID-A8422-REV-02									

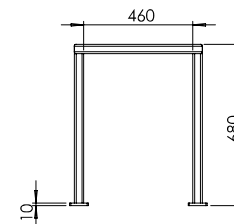
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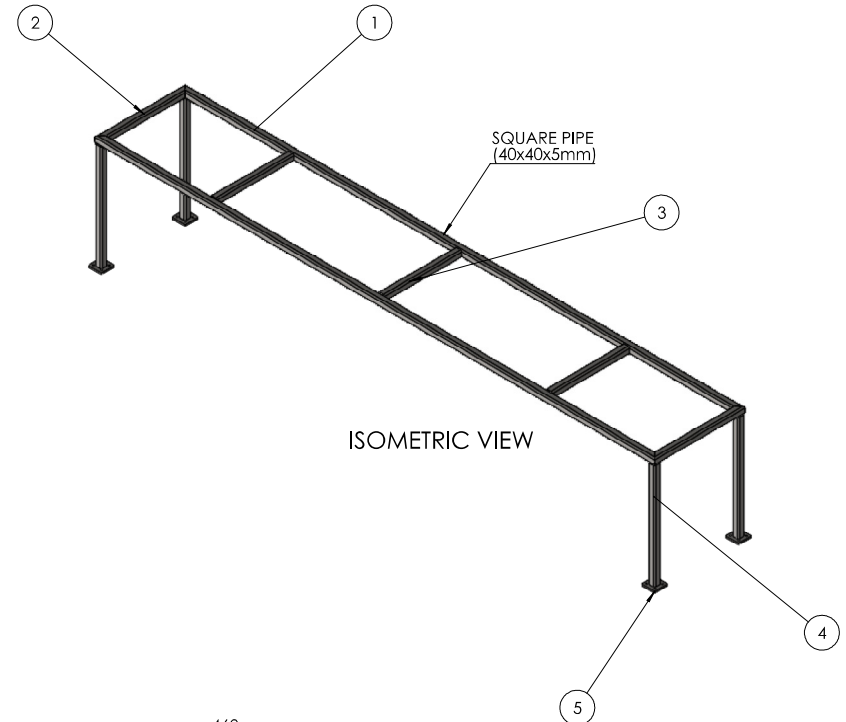
TOP VIEW



FRONT VIEW



SIDE VIEW



ISOMETRIC VIEW

S.NO	SPECIFICATION	SIZE (MM)	QTY
1	MS SQ. PIPE (40X40X5)	3340MM	02
2	MS SQ. PIPE (40X40X5)	540MM	02
3	MS SQ. PIPE (40X40X5)	460MM	03
4	MS SQ. PIPE (40X40X5)	680MM	04
5	MOUNTING PLATE		04

Bharat Heavy Electricals Limited
 Ramachandrapuram, Hyderabad

PROJECT ENGINEERING DEPARTMENT

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Comments as marked on drawing	Comments as in enclosed document.
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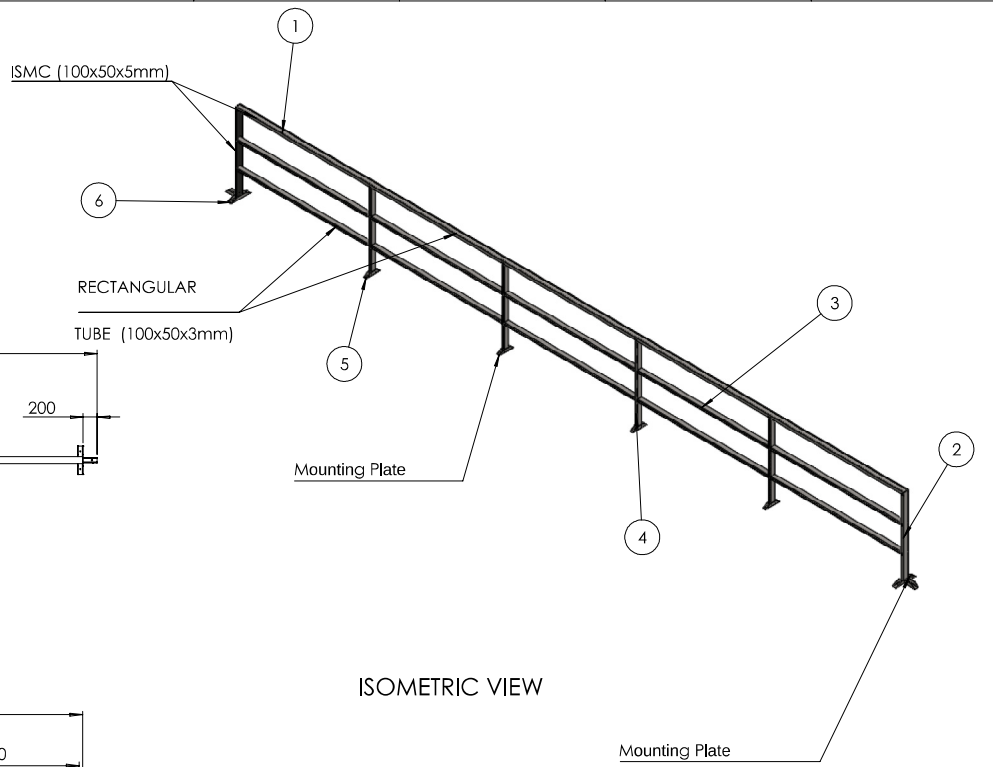
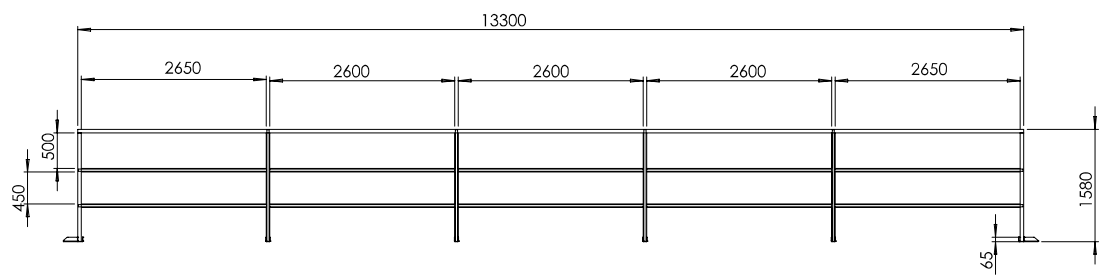
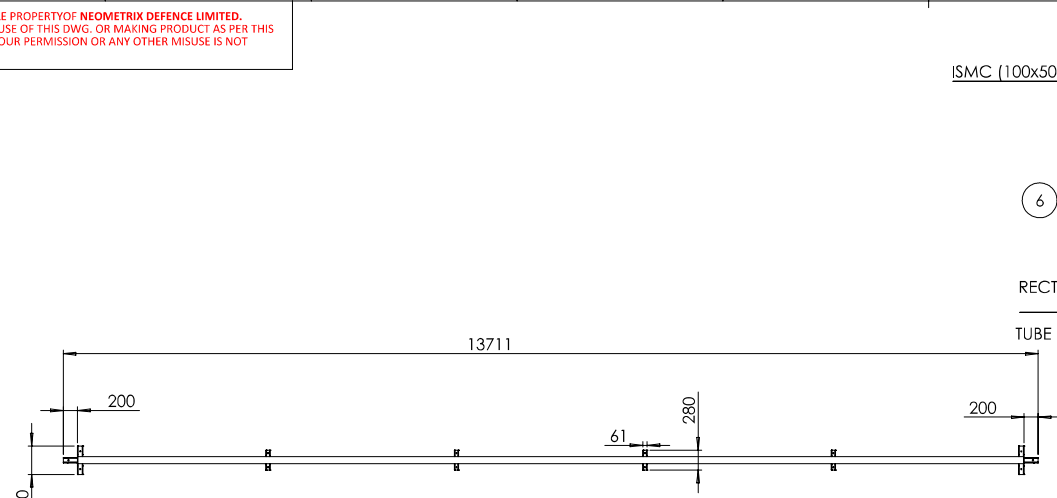
03.05.2025

NOTE:-

1. ALL DIMENSIONS ARE IN MM.
2. MATERIAL- MS
3. QTY - 1 Nos.
4. FINISH WEIGHT- 55 KG.

NEOMETRIX		NEOMETRIX DEFENCE LIMITED E-10, SECTOR-02, MIDVA, UP-201301 Tel No. 0124-600800 Fax No. 0124-600800 Email: contact@neometrixgroup.com Design Dept. del@neometrixgroup.com	
TITLE	NITROGEN CYLINDER MANIFOLD CUM PRESSURE CONTROL SYSTEM		
SUB-TITLE	SKID-2		
SRS CODE	A8422		
CUSTOMER	-		
END USER	-		
TD/PO No.	-		DATED
PRODUCTION	DRWN	M.G.	22/04/2025
	CHK	P.N	22/04/2025
	APPR.	S.P.S	22/04/2025
SIZE	A3	SCALE	1:1
SHEET	01	of	01
NEO DWG No.	T-DAP-A8422-MDWG-SKID-2		
REV	02		

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S.NO	DESCRIPTION	SIZE	QTY FOR 2 BANK	TOTAL QTY 8 BANK
1	ISMC(100X50X5)	13300MM	01	04
2	ISMC(100X50X5)	1580MM	02	08
4	RECT. TUBE(100X50X3)	13300MM	02	08
6	RECT. TUBE(100X50X3)	1580MM	04	16
7	Mounting Plate		04	16
8	Mounting Plate		02	08

Bharat Heavy Electricals Limited
Ramachandrapuram, Hyderabad

PROJECT ENGINEERING DEPARTMENT

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Comments as marked on drawing ✓ | Comments as in enclosed document.

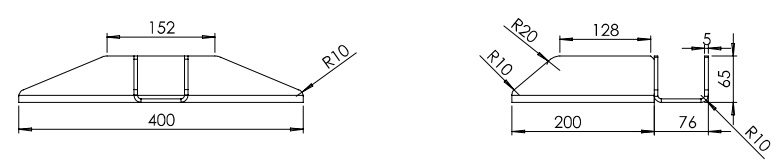
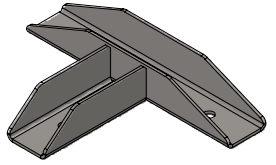
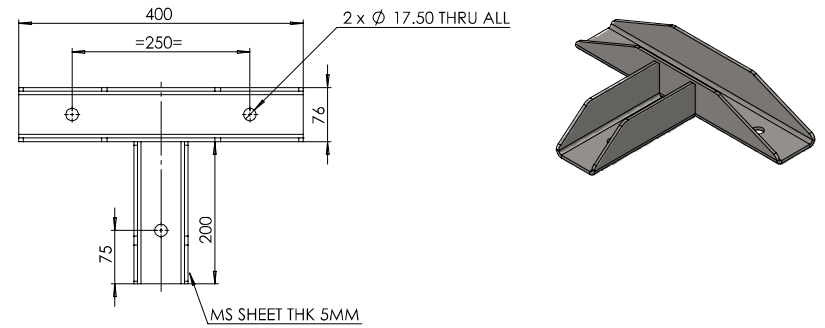
03.05.2025

- NOTE:-
1. ALL DIMENSIONS ARE IN MM.
 2. MATERIAL- MS
 3. TOTAL WEIGHT- 525 Kg.

NEOMETRIX		NEOMETRIX DEFENCE LIMITED E: 308, SECTOR 03, WINDRA, GP-201301 Tel No.: 020-4502800 Fax No.: 020-4502800 E-mail: contact@neometrixgroup.com Design Dept: design@neometrixgroup.com	
TITLE	NITROGEN CYLINDER MANIFOLD CUM PRESSURE CONTROL SYSTEM		
SUB-TITLE	SKID		
SRS CODE	A8422		
CUSTOMER	BHEL		
END USER	BHEL		
TD/PO. No.	--		
PRODUCTION	DRWN	M.G	22/04/2025
	CHK	P.N	22/04/2025
	APPR	S.P.S	22/04/2025
SIZE	A3	SCALE	NTS
SHEET	01	OF	03
NEO DWG No.	T-DAP-A8422-SKID		
REV	02		

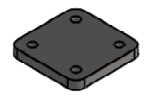
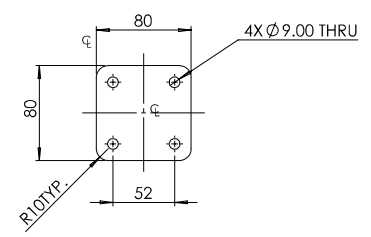
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FOUNDATION PLAN



MOUNTING PLATE
QTY. 8 NOS.

NOTE -
1. NO OF BOLT - 03
2. BOLT SIZE - M16



Bharat Heavy Electricals Limited
Ramachandrapuram, Hyderabad

PROJECT ENGINEERING DEPARTMENT

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- 03. REVISE AS PER BHEL COMMENTS AND RESUBMIT FOR APPROVAL.
- 04. RETAINED FOR INFORMATION.

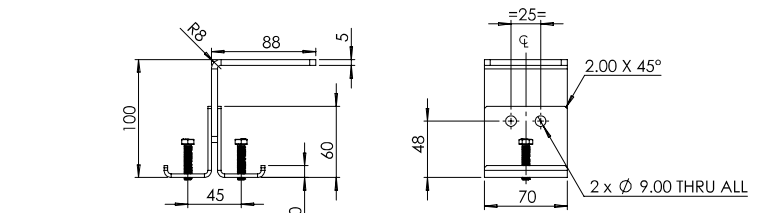
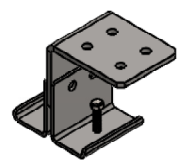
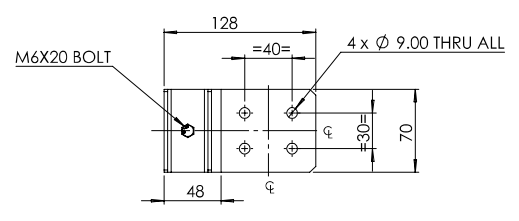
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Comments as marked on drawing	Comments as in enclosed document.
-------------------------------	-----------------------------------

03.05.2025

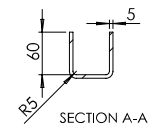
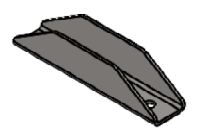
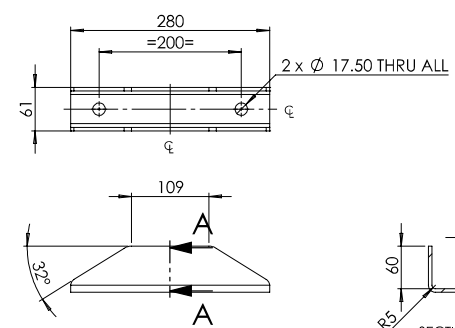
MOUNTING PLATE
QTY. - 4 NOS.

NOTE -
1. NO OF BOLT - 04
2. BOLT SIZE - M8



HOOK AND CHAIN MECHANISM
QTY. - 360 NOS.

NOTE:-
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4. AFTER WELDING PROPER GRINDING AND STRESS RELIEVED SHOULD BE GIVEN



MOUNTING PLATE
QTY. - 16 NOS.

NOTE -
1. NO OF BOLT - 02
2. BOLT SIZE - M16

NOTE:-
THIS IS TENTATIVE DRAWING, SUBJECT TO CHANGE.

NEOMETRIX		NEOMETRIX DEFENCE LTD E:HQ: SECTOR 03, WINDRA, GP-201301 Tel No.: 020-4508800 Fax No.: 020-4508800 E-mail: contact@neometrixgroup.com Design Dept: design@neometrixgroup.com	
TITLE	N2 CYLINDER MANIFOLD	WEIGHT	-
SUB-TITLE	FOUNDATION PLAN	QTY.	-
SRS CODE	A8422	MTRL.	-
CUSTOMER	BHEL	COATING	-
END USER	-	COLOUR	-
TD/PO. No.	-	DATED	-
DRWN	M.G	22-04-2025	SIZE
CHK	P.N	22-04-2025	SCALE
APPR	S.P.S.	22-04-2025	A3
SHEET		NEW DWG No.	
01 of 03		T-DAP-PART DRG-A8422-REV01	
REV		02	