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REF.DRG.NO.

SIGN.DATE

INVENTORY NO.

09910 00 091 3

DRG. NO.

102

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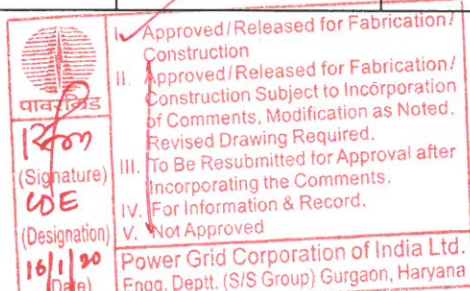
CUSTOMER'S REFERENCE DRAWING

1	NOTES & DETAILS OF OUTLINE GENERAL ARRGT. (SHT. NO. 1)	3 460 00 01660
2	ELEVATION OF OUTLINE GENERAL ARRGT. L.H.S. COOLER BANK (SHT. NO. 2)	3 460 00 01660
3	PLAN OF OUTLINE GENERAL ARRGT. L.H.S. COOLER BANK (SHT. NO. 3)	3 460 00 01660
4	END VIEW OF OUTLINE GENERAL ARRGT. L.H.S. COOLER BANK (SHT. NO. 4)	3 460 00 01660
5	ELEVATION OF OUTLINE GENERAL ARRGT. R.H.S. COOLER BANK (SHT. NO. 5)	3 460 00 01660
6	PLAN OF OUTLINE GENERAL ARRGT. R.H.S. COOLER BANK (SHT. NO. 6)	3 460 00 01660
7	END VIEW OF OUTLINE GENERAL ARRGT. R.H.S. COOLER BANK (SHT. NO. 7)	3 460 00 01660
8	O.G.A. PART LIST	3 460 00 01661

HIGHEST VOLTAGE	AIR CLEARANCE (MIN.) mm		
		LINE TO EARTH	LINE TO LINE
420 KV	H.V.	3500	4000
245 KV	I.V.	2150	2350
52 KV	L.V.	480	530
36 KV	HVN.	320	-

INSPECTION COVER DETAIL (TABLE)

LOCATION	SIZE	WEIGHT OF EACH	QTY.
HV SIDE ONTANK COVER	Ø610	25	1
IV SIDE ON TANK COVER	Ø610	25	1
TANK END WALL	430 X 730	19	4
TERTIARY POCKET COVER	360 X 460	14	1
TERTIARY POCKET WALL	430 X 590	22	2
IV SIDE TANK WALL	510 X 430	19	3
IV SIDE TANK WALL(BOTTOM)	510 X 430	19	1



NOTES :-

1. WHEN REFERRING THE O.G.A. DRG. PLEASE QUOTE MVA & W.O. NO.
2. DIMENSIONS SHOWN THUS ARE OVERALL SHIPPING DIMENSION.
3. WIRING FROM INSTRUMENTS, C.T'S ETC. NOT SHOWN FOR CLARITY.
4. JACK POINTS ARE FOR UNLOADING FROM WAGON.
5. PAINTING AT OUTSIDE TANK, COOLER CONTROL CABINET SHALL BE RAL: 7035. PAINTING SHALL BE AS PER POWERGRID TECHNICAL SPECIFICATION..
6. THE DESIGN FEATURES SHOWN ON THIS DRAWING (GENERALLY IN LINE WITH IEC:60076 & AGREED CUSTOMER SPECIFICATION) MEETS THE STATUTORY, REGULATORY & SAFETY REQUIREMENTS WITH RESPECT TO EARTHING ARRANGEMENT, DANGER AND OTHER LABELS. AND ANTI EARTH QUAKE CLAMPING ARRANGEMENT.
7. ALL HEIGHT WISE DIMENSIONS ARE GIVEN FROM RAIL LEVEL.
8. WEIGHT & OIL QUANTITIES ARE TENTATIVE.
9. GASKET : NITRILE RUBBER CORD GASKET.
10. TOLERANCE WHEREVER NOT MENTION TO BE CONSIDER ±3%.

11. Canopy shall be provided for Buchholz relay, PRD, SPR and MOLA.



REV	DATE	ALT.	RAKESH	गुफा	REV	DATE	ALT.	RAKESH	गुफा	TYPE OF PRODUCT	500 MVA 3 PH 400/220/33KV AUTO TRANSFORMER.	ADDITIONAL INFORMATION					भारत हेवी इलेक्ट्रिकल्स लिमिटेड भोपाल				DRN	NAME	SIGN	DATE															
02	13.12.19	CKD.	GK	गुफा	01	04.11.19	CKD.	GK	गुफा			W.O.- STANDARD	DEPT	CODE	WEIGHT(kg)		SCALE		CHD.	GK					गुफा	20.10.19													
		APPD.	LK/CM	गुफा			APPD.	LK/CM	गुफा			STATUS OF DRAWING "PR"	TRE	406	-----		COMP.SCALE-1:1										APPD.	LK/CM	गुफा	20.10.19									
ZONE		PIPE ARRANGEMENT IN SHEET 2,3,5 & 6 AT POSITION MARK AS CHANGED.IT. 12a ADDED.			ZONE		CUSTOMER COMMENTS INCORPORATED.			NAME OF CUSTOMER		M/S. POWER GRID CORPORATION OF INDIA LTD				DISTRIBUTION OF PRINTS		TRE-1, TRM-3		TITLE		OUTLINE GENERAL ARRANGEMENT NOTES & DETAIL				DRG. NO	3 460 00 01660		REV.										
101					102					103					104					105					106					107					108				

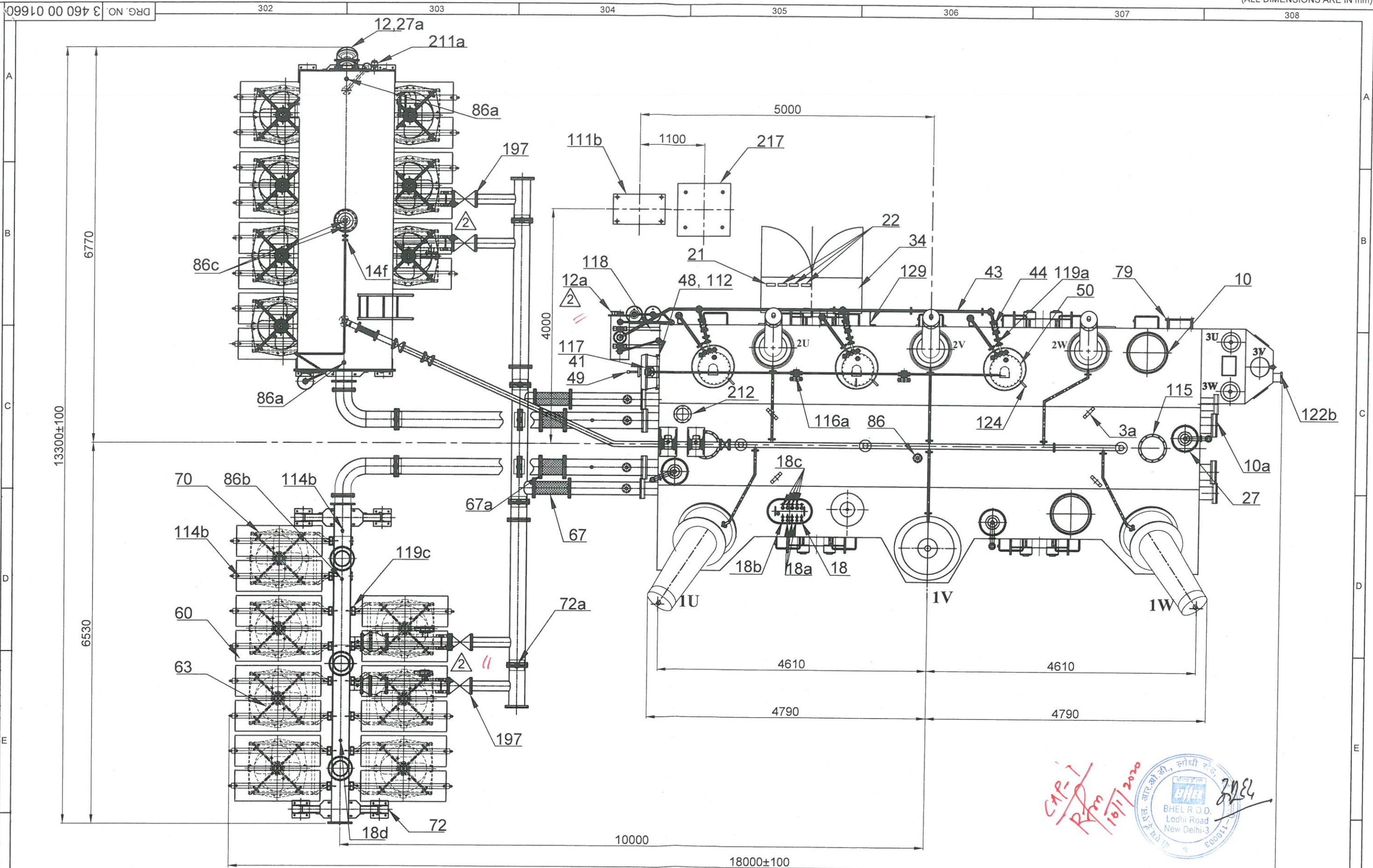
F	REV	DATE	ALT.	RAKESH	प्रिण्ट	REV	DATE	ALT.	RAKESH	प्रिण्ट	TYPE OF PRODUCT	500 MVA 3 PH 400/220/33KV AUTO TRANSFORMER.	ADDITIONAL INFORMATION	W.O.- 69009-A-512-01	भारत हेवी इलेक्ट्रिकल्स लिमिटेड भोपाल	NAME	SIGN	DATE							
02	13.12.19	CKD.	GK	पंडित अशोक	01	04.11.19	CKD.	GK	पंडित अशोक	APPD.	LK/CM	02	STATUS OF DRAWING "PR"	DEPT	CODE	WEIGHT(kg)	SCALE	DRN.	RAKESH	प्रिण्ट	20.10.19				
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														TRE-1, TRM-3	TITLE	OUTLINE GENERAL ARRANGEMENT ELEVATION VIEW (L.H.S)			DRG. NO	3 460 00 01660		REV	02		
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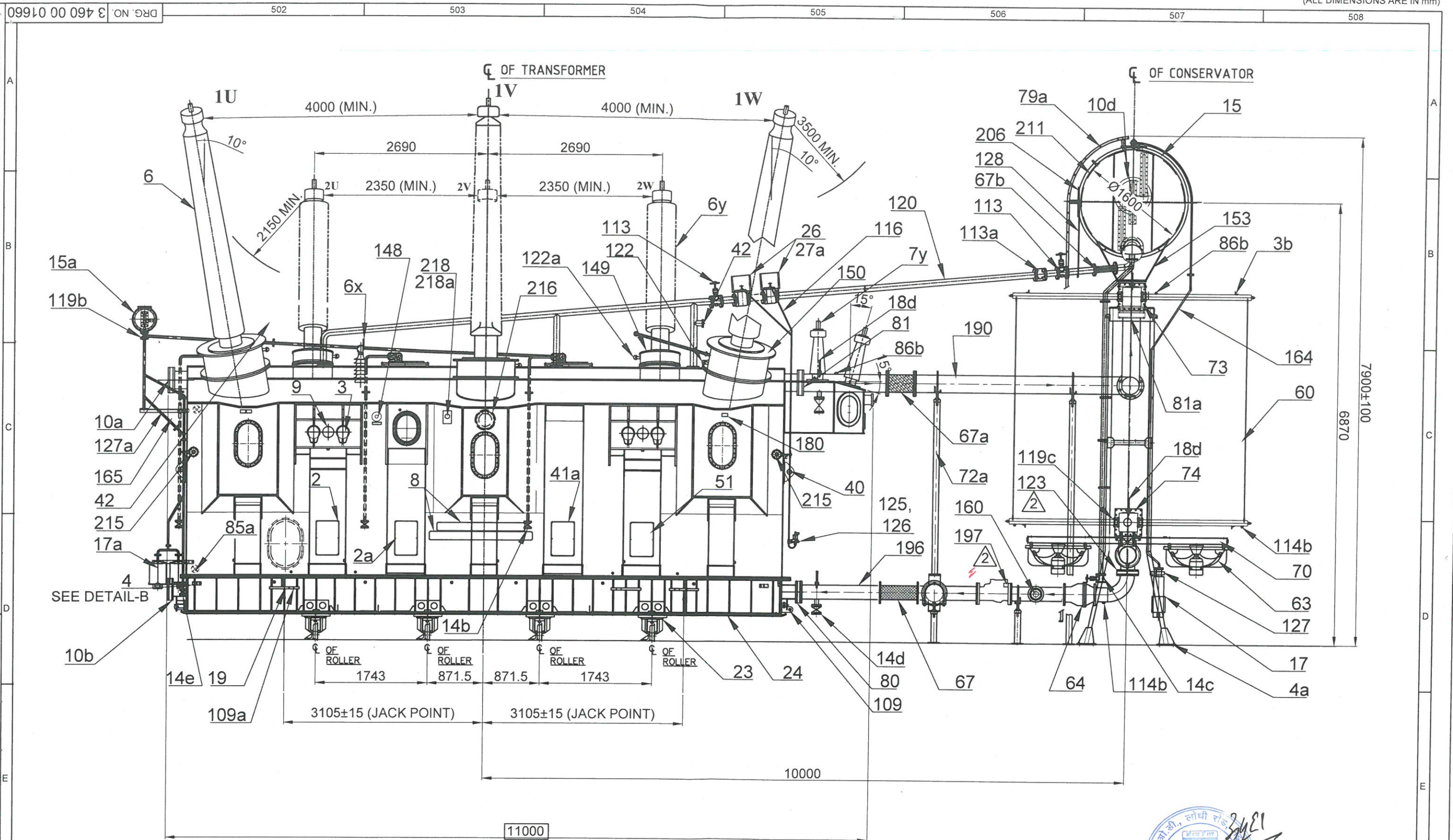


F	REV	DATE	ALT.	RAKESH	श्रीवा	REV	DATE	ALT.	RAKESH	श्रीवा	TYPE OF PRODUCT	500 MVA 3 PH 400/220/33KV AUTO TRANSFORMER.	ADDITIONAL INFORMATION							भारत हेवी इलेक्टिकल्स लिमिटेड भोपाल BHARAT HEAVY ELECTRICALS LTD. BHOPAL					NAME	SIGN	DATE	F																			
	02	13.12.19	CKD.	GK	श्रीवा	01	04.11.19	CKD.	GK	श्रीवा			W.O.- STANDARD	DEPT	CODE	WEIGHT(kg)	SCALE			DRN.	RAKESH	श्रीवा	20.10.19																								
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													DISTRIBUTION OF PRINTS	TRE	406	----	COMP.SCALE:1:1				APPD.	LK/CM	श्रीवा	20.10.19																							
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F	REV	DATE	ALT.	RAKESH	रैकेश	REV	DATE	ALT.	RAKESH	रैकेश	TYPE OF PRODUCT	500 MVA 3 PH 400/220/33KV AUTO TRANSFORMER.	ADDITIONAL INFORMATION					भारत हेवी इलेक्ट्रिकल्स लिमिटेड भोपाल BHARAT HEAVY ELECTRICALS LTD. BHOPAL					NAME	SIGN	DATE																						
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			APPD.	LK/CM	लक्ष्मी कर्माकर			APPD.	LK/CM	लक्ष्मी कर्माकर			DISTRIBUTION OF PRINTS	TRE	406	----		COMP.SCALE-1:1	CHD.	GK		गणेश कुमार	20.10.19																								
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																						APPD.	LK/CM	लक्ष्मी कर्माकर	20.10.19																						
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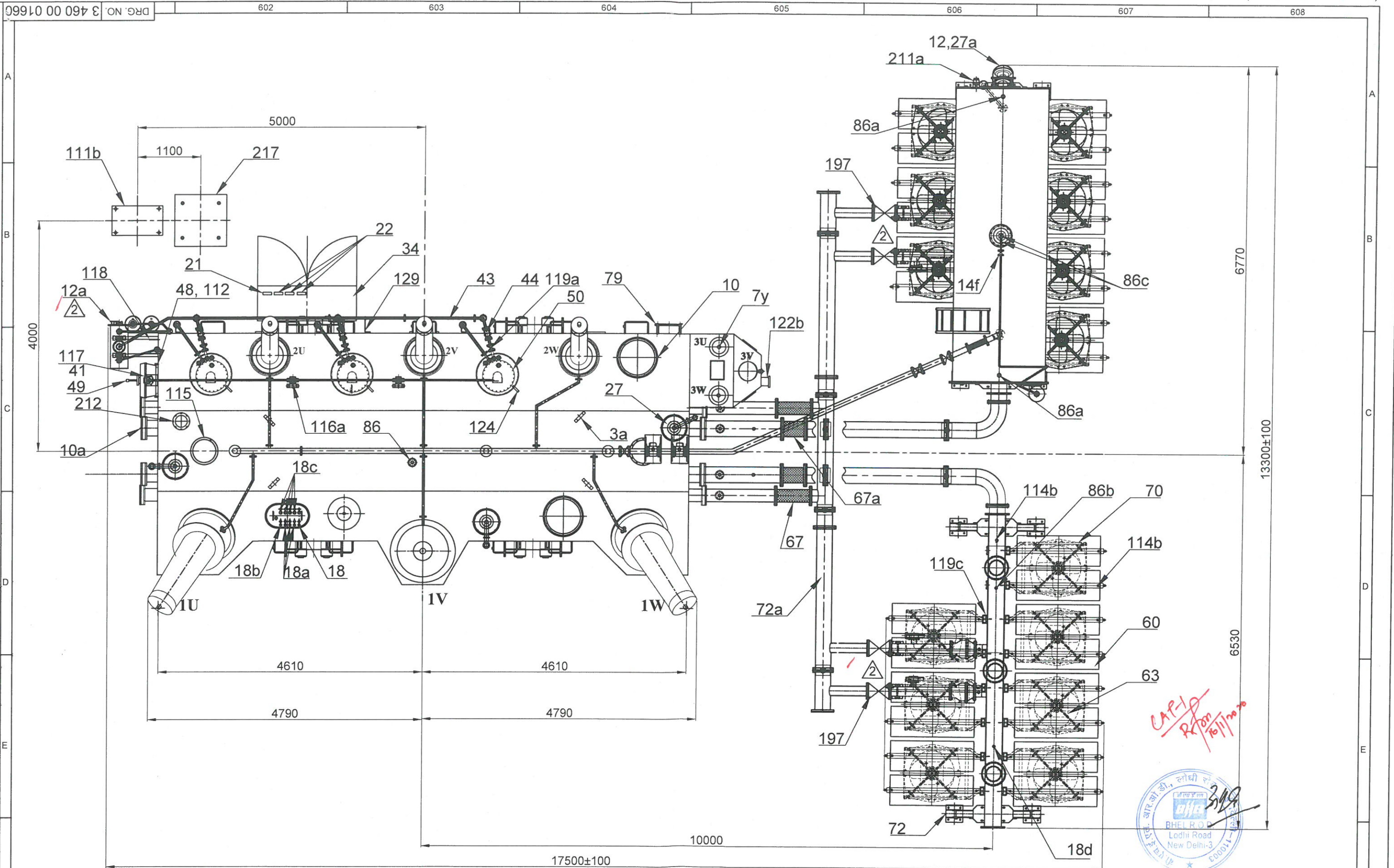


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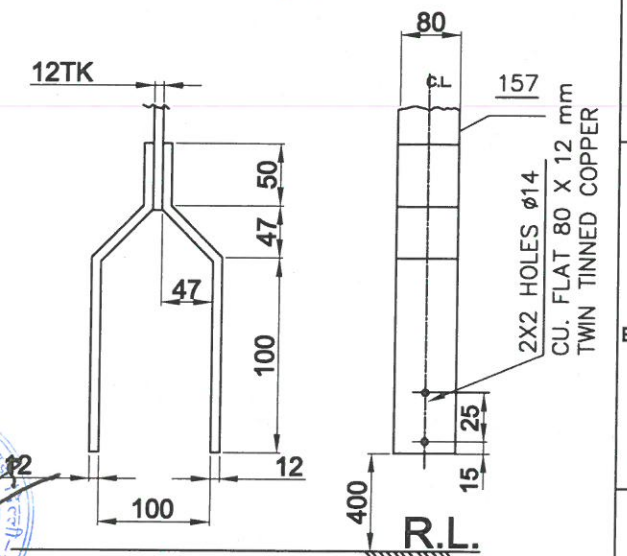
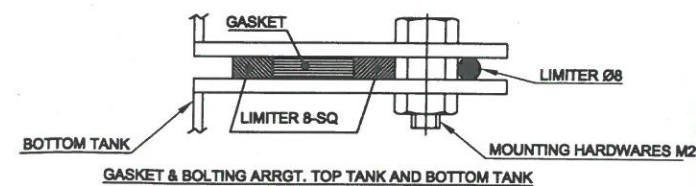
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02	13.12.19	CKD.	GK	रक्षा	01	04.11.19	CKD	GK	रक्षा	W.O.- STANDARD							Bharat Heavy Electricals Ltd. Bhopal				DRN	RAKESH	रक्षा	20.10.19															
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INVENTORY NO.

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