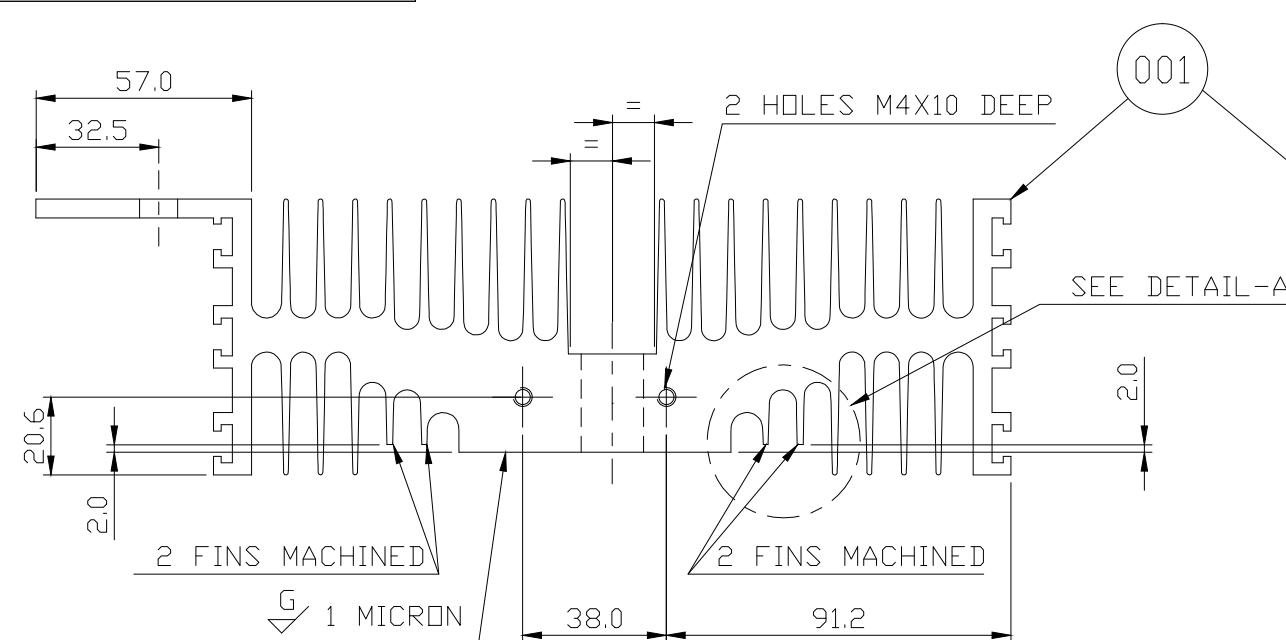
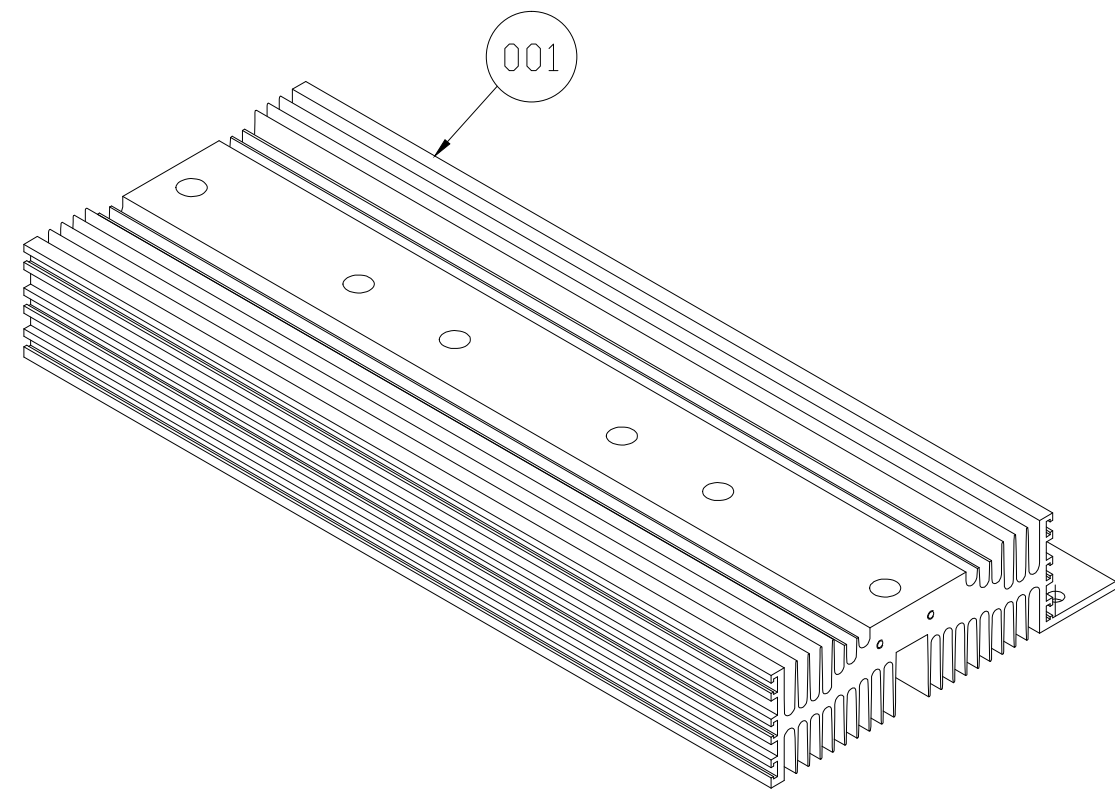


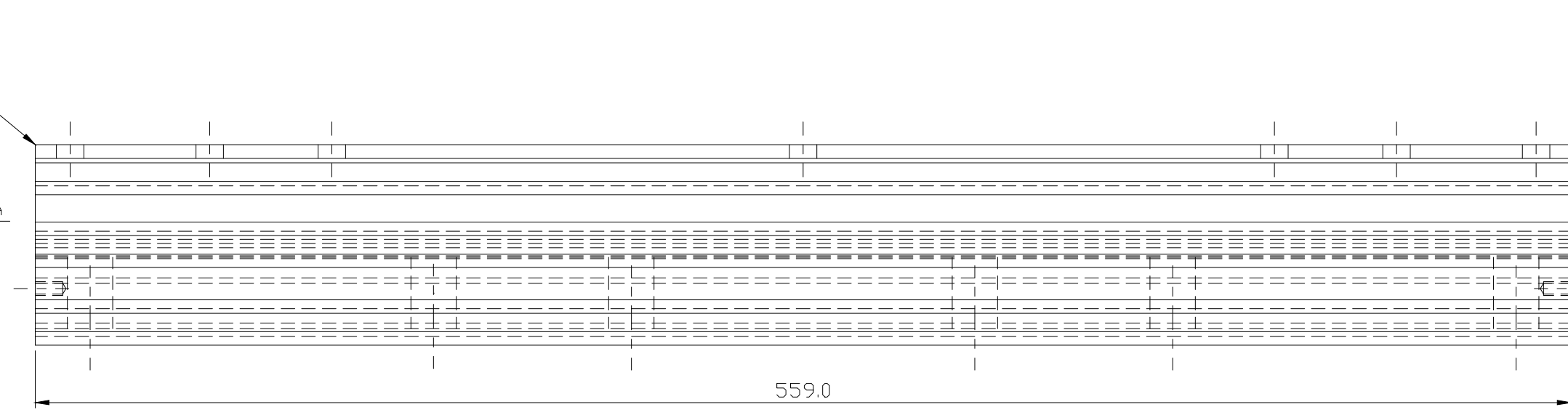
DRG. NO. 1721013068



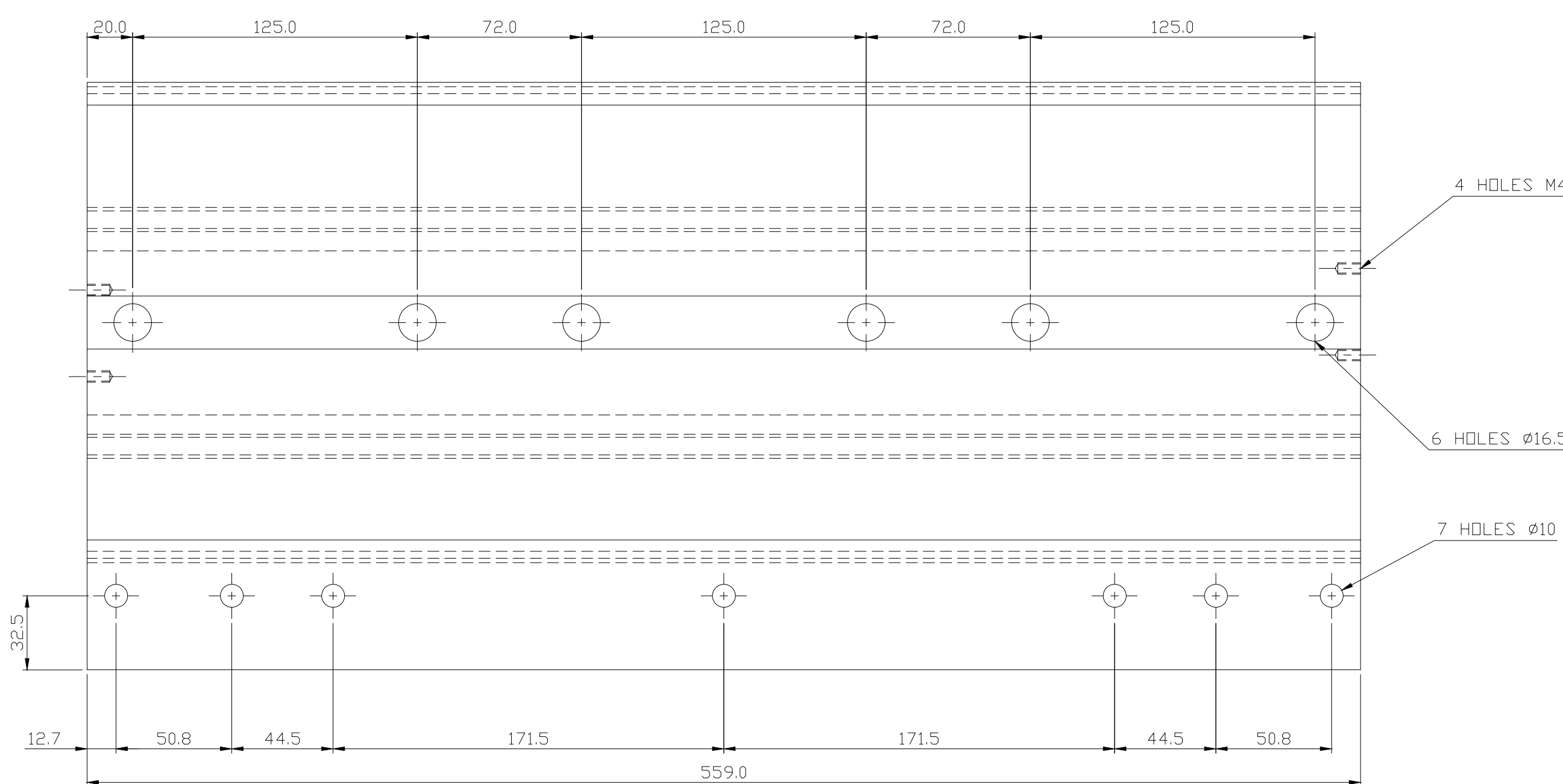
R.H. SIDE VIEW



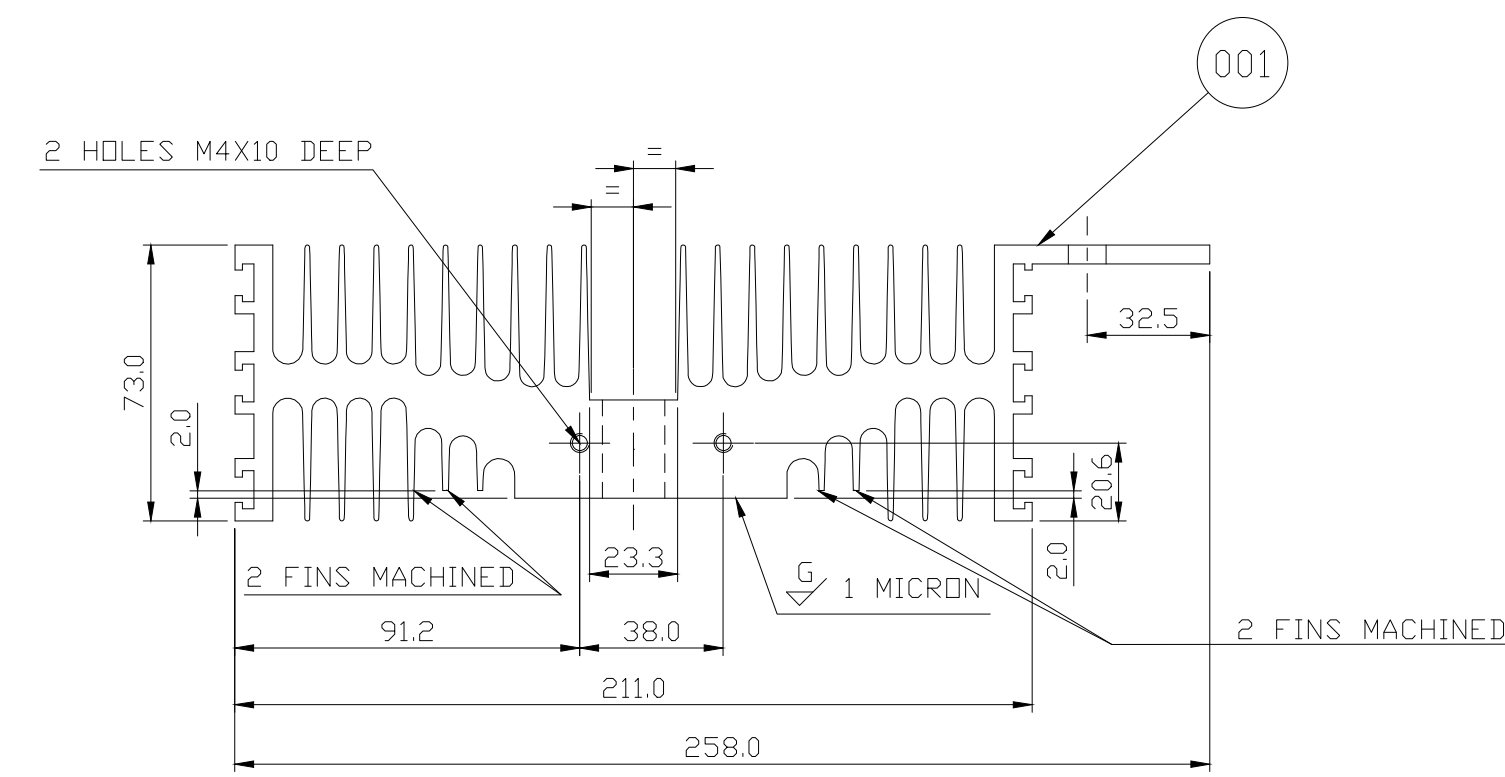
ISOMETRIC VIEW



ELEVATION OF IT-001



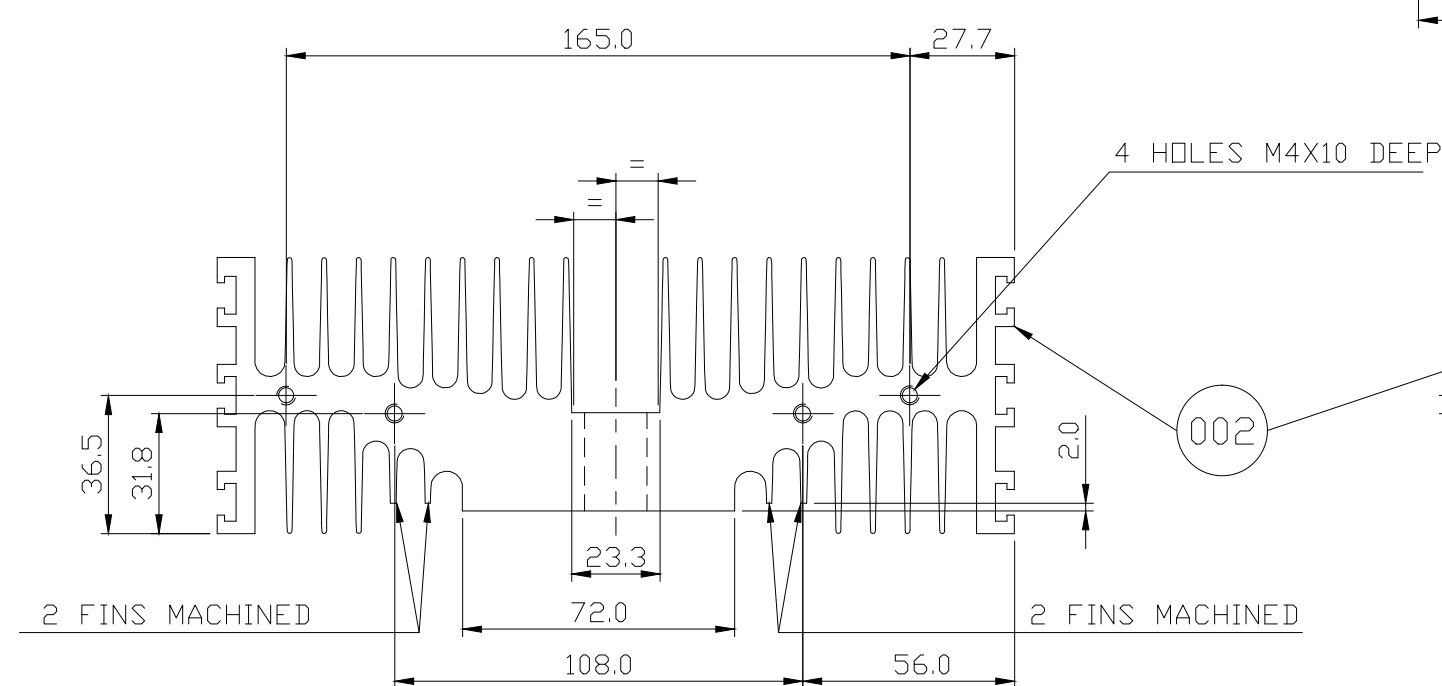
PLAN OF IT-001



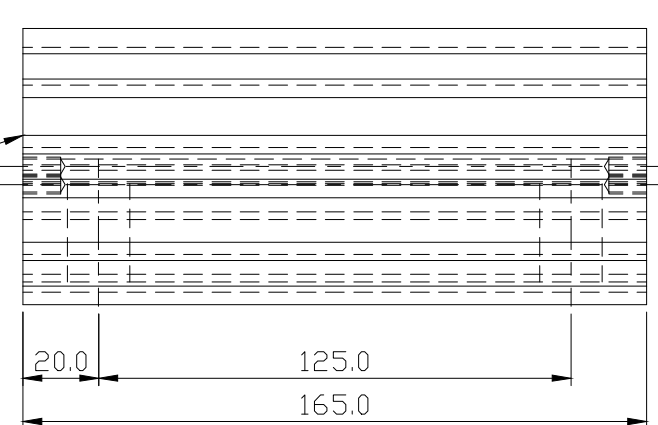
L.H. SIDE VIEW

NOTES:-

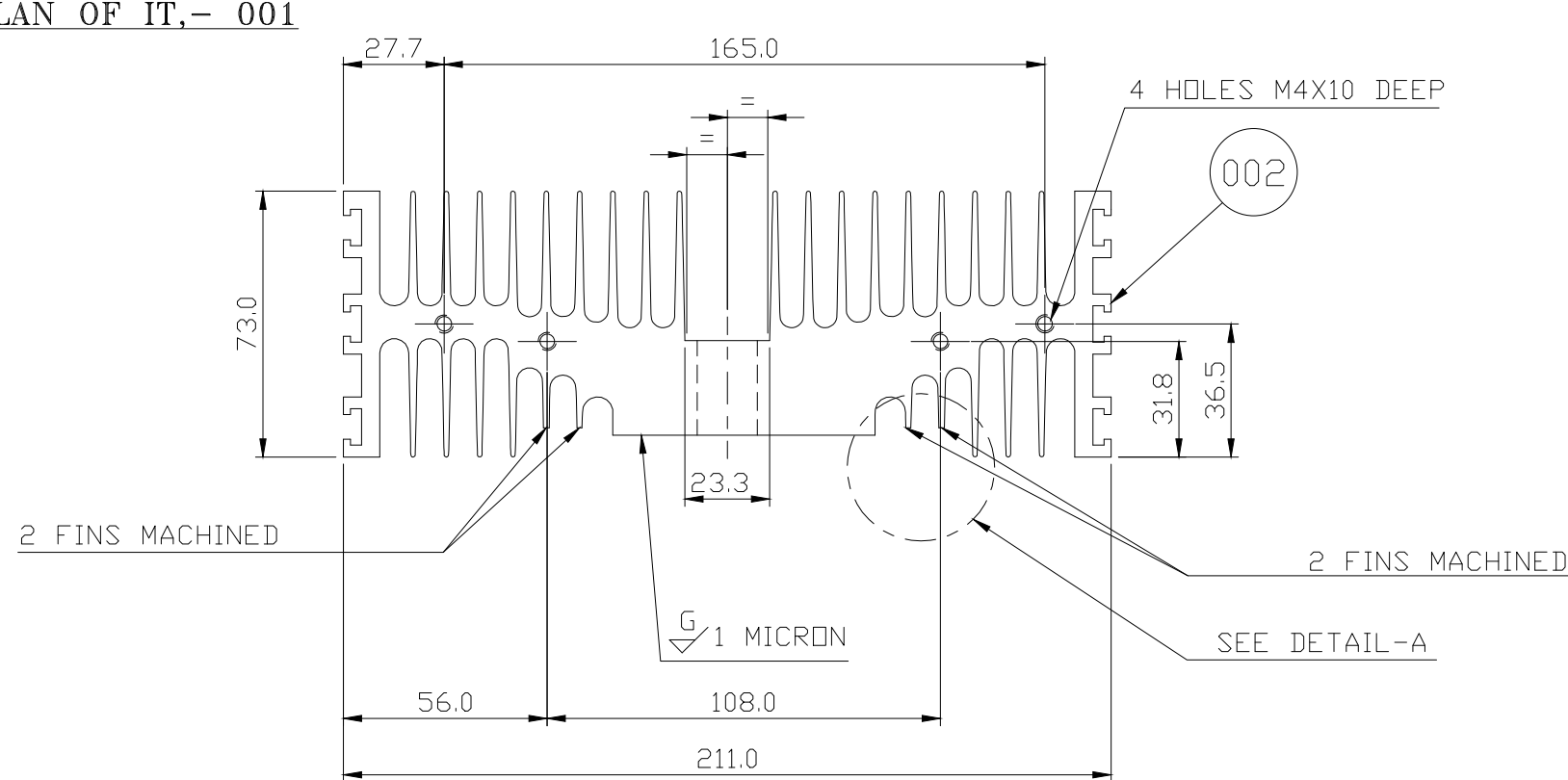
- ALL THE HOLES SHALL BE DEBURRED AFTER DRILLING.
- HEAT SINK SHALL BE COATED WITH ALCROM-1200 COATING (LIGHT GOLDEN YELLOW) TO PREVENT CORROSION.
- THE HEAT SINK EXTRUSION SHALL BE FREE FROM ANY DISTORTION AND UN-EVENNESS.
- SECTION OF HEAT SINK IS AS PER HINDALCO SECTION 7771. (REFER IMAGE)
- THE HEAT SINK SHALL BE SUITABLE FOR MOUNTING PRESS PACK TYPE SCRs WHICH SHALL HAVE FOLLOWING DIMENSIONS.
  - 5.1 THICKNESS = 26 MM - 35 MM MAX.
  - 5.2 OUTER DIAMETER = 75 MM MAX.
  - 5.3 MOUNTING FORCE = 45 NM + 20%.
- THE HEAT SINK SHALL BE SUITABLE FOR TIGHTENING WITH MOUNTING CLAMPS WHICH SHALL BE CAPABLE OF PROVIDING A CLAMPING FORCE OF 45 KN.
- THE HEAT SINK SHALL BE FREE FROM ANY DISTORTION & UNEVENNESS. CARE SHALL BE TAKEN BY THE SUPPLIER TO ENSURE THAT FINS AT THE END OF THE HEAT SINKS ARE COMPLETELY FREE FROM BURRS TO ALLOW SMOOTH FLOW OF COOLING AIR.
- PACKING:-  
THE HEAT SINK SHALL BE FIRST INDIVIDUALLY PACKED IN BUBBLE POLYTHENE SHEETS, BEFORE PACKING IN WOODEN BOXES WITH IMPACT ABSORBING PACKING MATERIAL TO ENSURE NO DEFORMATION OF FINS OR OTHER PARTS OF THE HEAT SINKS.
- REF. DRAWING NO. 17211013068 FOR CLAMP ASSY.



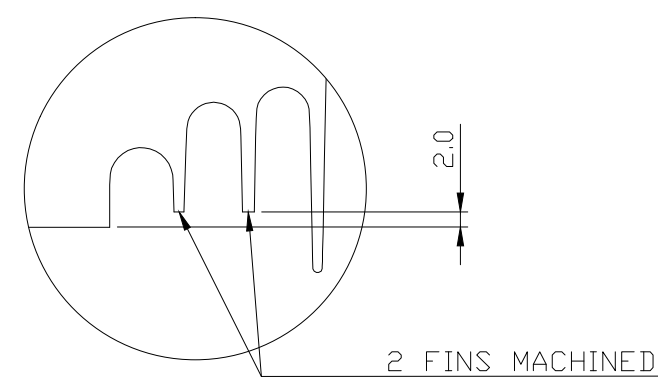
R.H. SIDE VIEW



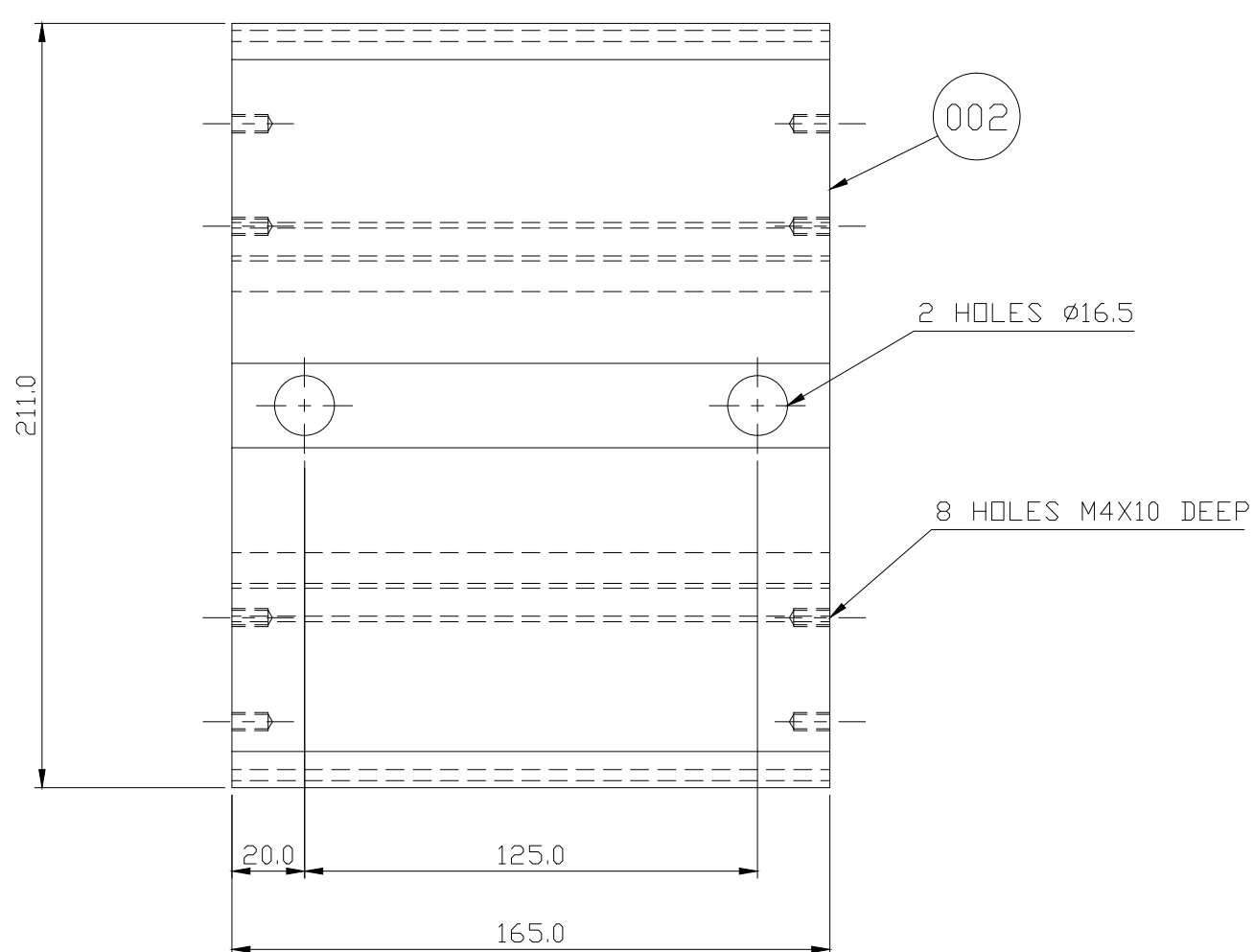
ELEVATION OF IT-002



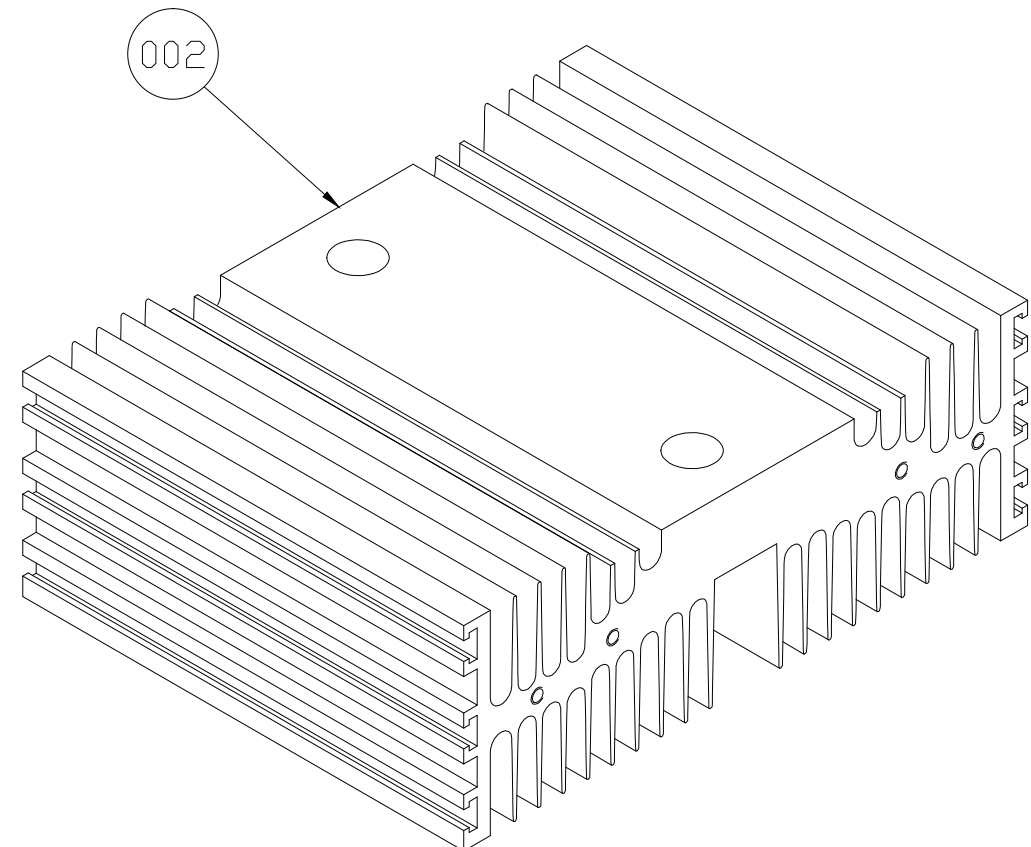
L.H. SIDE VIEW



DETAIL - A  
SCALE 1:1

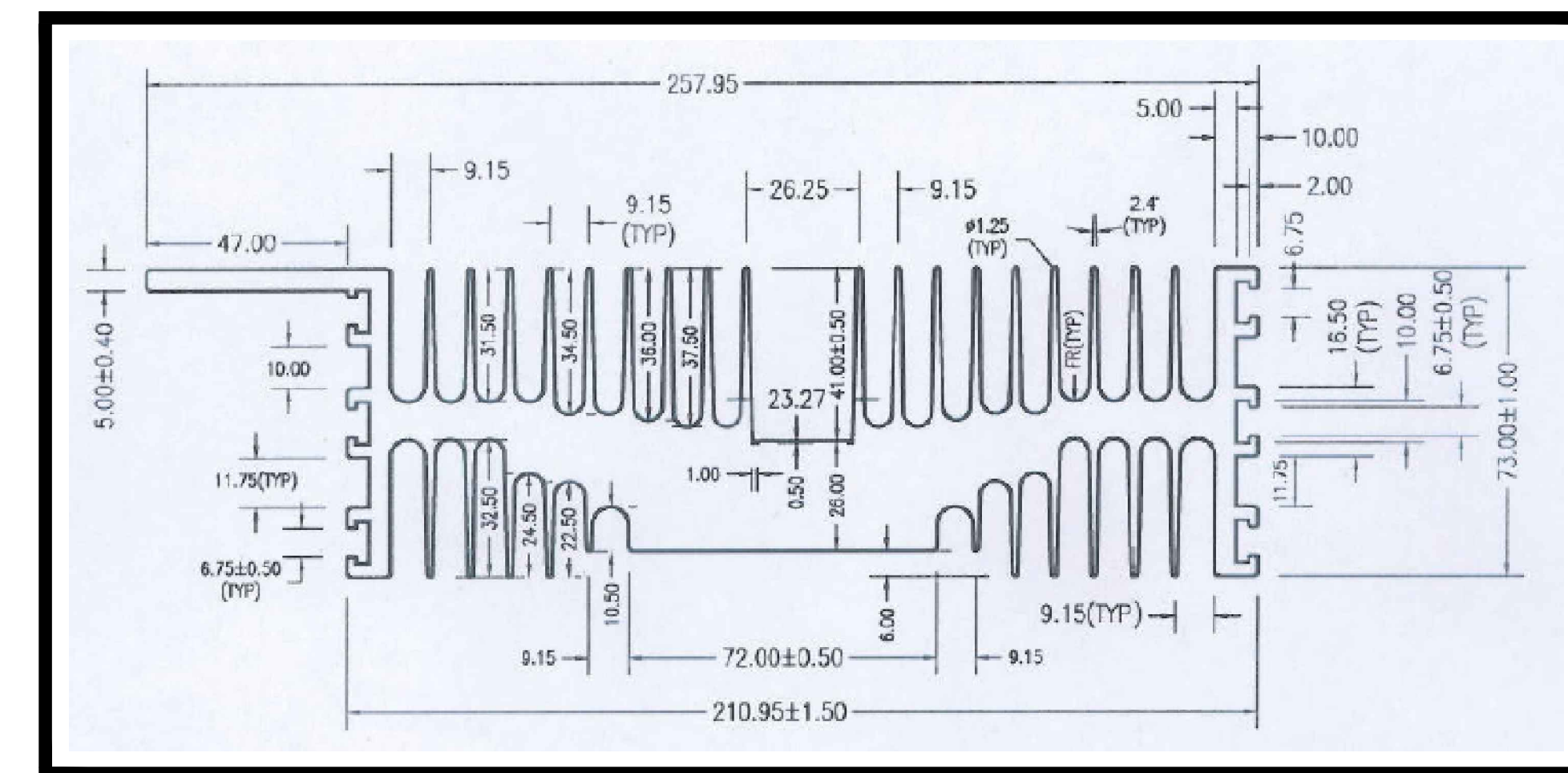


PLAN OF IT-002



ISOMETRIC VIEW

IMAGE OF HINDALCO SECTION 7771



BP9048136091	002	HEAT SINK 6.5"	AL ALLDY 6063T5			2.9																	
BP9048136083	001	HEAT SINK 22.10"	AL ALLDY 6063T5			10.36																	
VAR00	REMARKS	VAR NO.	ITEM NO.	DESCRIPTION	DRAWING NO.	UNIT WTY QTY. COS. ZONE																	
59	64	65	75	78	79	81	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
ADDITIONAL INFORMATION				AC SCR OIL RIGS SCR PANEL																			
STATUS OF DRAWING				M/S ONGC																			
DISTRIBUTION OF PRINTS				BHARAT HEAVY ELECTRICALS LTD. BHOPAL																			
REV. DATE				HEAT SINK FOR 2000 AMPS SCR BRIDGE																			