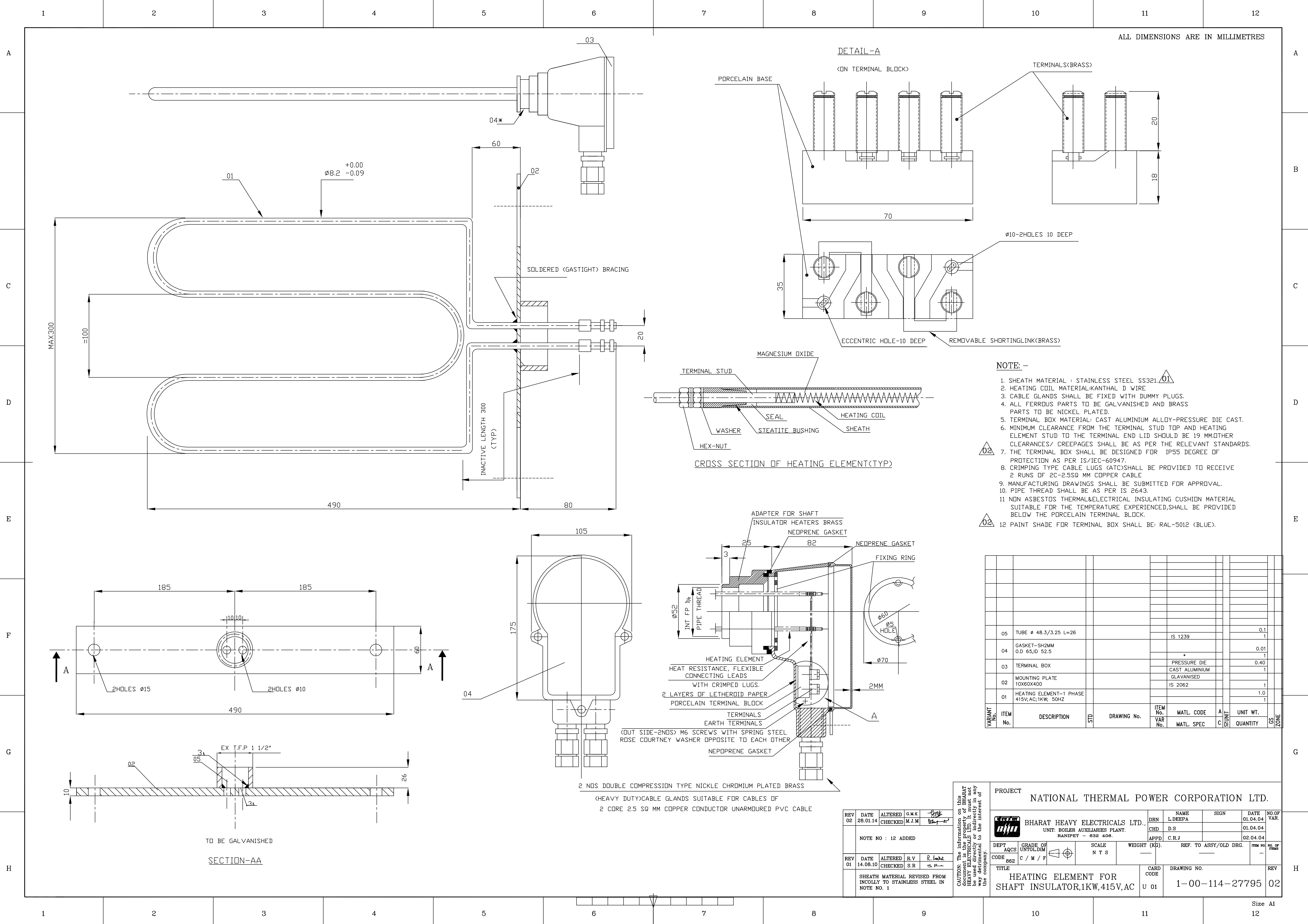




NOTE: -

1. SHEATH MATERIAL : STAINLESS STEEL SS321. **01**
2. HEATING COIL MATERIAL: KANTHAL D WIRE
3. CABLE GLANDS SHALL BE FIXED WITH DUMMY PLUGS.
4. ALL FERROUS PARTS TO BE GALVANISED AND BRASS PARTS TO BE NICKEL PLATED.
5. TERMINAL BOX MATERIAL: CAST ALUMINIUM ALLOY-PRESSURE DIE CAST.
6. MINIMUM CLEARANCE FROM THE TERMINAL STUD TOP AND HEATING ELEMENT STUD TO THE TERMINAL END LID SHOULD BE 19 MM. OTHER CLEARANCES/ CREEPAGES SHALL BE AS PER THE RELEVANT STANDARDS.
7. THE TERMINAL BOX SHALL BE DESIGNED FOR IP55 DEGREE OF PROTECTION AS PER IS/IEC-60947.
8. CRIMPING TYPE CABLE LUGS (ATC) SHALL BE PROVIDED TO RECEIVE 2 RUNS OF 2C-2.5SQ MM COPPER CABLE
9. MANUFACTURING DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.
10. PIPE THREAD SHALL BE AS PER IS 2643.
11. NON ASBESTOS THERMAL & ELECTRICAL INSULATING CUSHION MATERIAL SUITABLE FOR THE TEMPERATURE EXPERIENCED, SHALL BE PROVIDED BELOW THE PORCELAIN TERMINAL BLOCK.
12. PAINT SHADE FOR TERMINAL BOX SHALL BE: RAL-5012 (BLUE).

ITEM No.	DESCRIPTION	STD	DRAWING No.	ITEM No. VAR No.	MATL. CODE MATL. SPEC	A C D UNIT	UNIT WT. QUANTITY	NO. OF ITEMS	ZONE
05	TUBE Ø 48.3/3.25 L=26				IS 1239		0.1 1		
04	GASKET-SH2MM O.D 65, I.D 52.5						0.01 1		
03	TERMINAL BOX				PRESSURE DIE CAST ALUMINIUM GLAVANISED		0.40 1		
02	MOUNTING PLATE 10X60X400				IS 2062		1		
01	HEATING ELEMENT-1 PHASE 415V; AC; 1KW; 50HZ						1.0 1		

PROJECT NATIONAL THERMAL POWER CORPORATION LTD.									
BHARAT HEAVY ELECTRICALS LTD., UNIT: BOILER AUXILIARIES PLANT. RANIPET - 632 406.									
DEPT AQS	GRADE OF UNTOLD DIM	SCALE N T S	WEIGHT (KG)	REF. TO ASSY/OLD DRG.	NO. OF ITEMS				
CODE 862	C / M / F								
TITLE HEATING ELEMENT FOR SHAFT INSULATOR, 1KW, 415V, AC					CARD CODE U 01	DRAWING NO. 1-00-114-27795		REV 02	

REV 02	DATE 28.01.14	ALTERED CHECKED	G.M.K M.J.M	NOTE NO : 12 ADDED					
REV 01	DATE 14.08.10	ALTERED CHECKED	R.V S.R	SHEATH MATERIAL REVISED FROM INCOLLOY TO STAINLESS STEEL IN NOTE NO. 1					