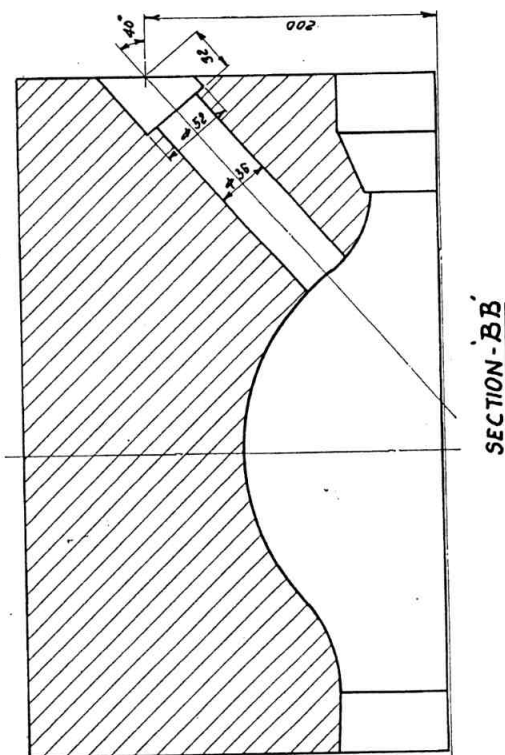
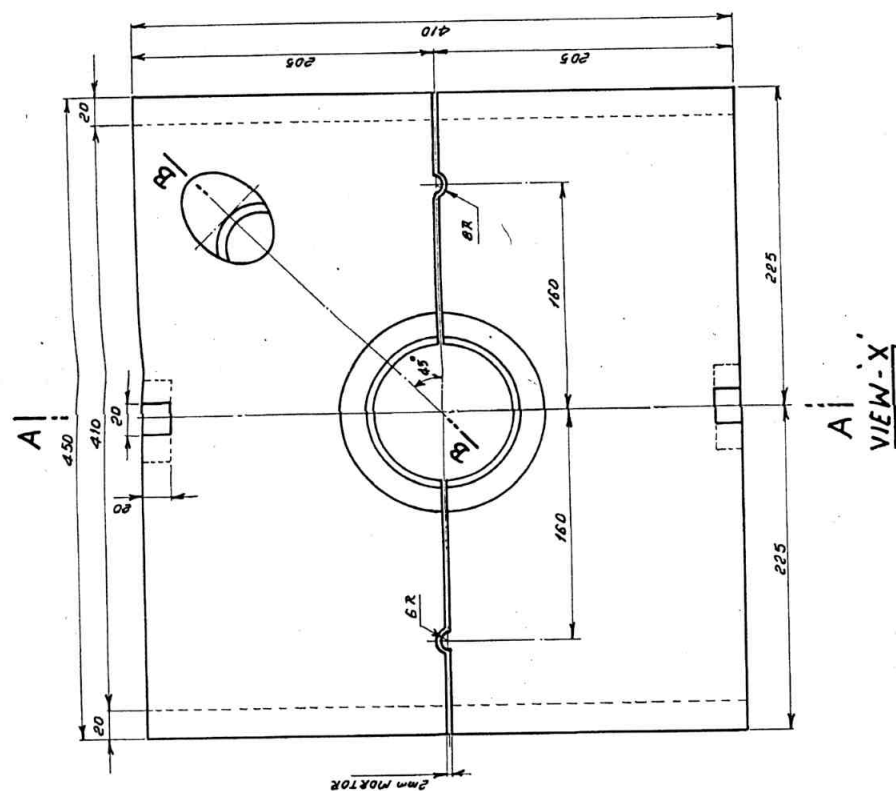


MATERIAL SPECIFICATION

$$\text{Al}_2\text{O}_3 \quad 60 \pm 2\%$$
$$\text{Fe}_2\text{O}_3 \quad 0.8 - 1\%$$

PCE (Qc) 36

P.L.C AT 1500C - 0.52-1

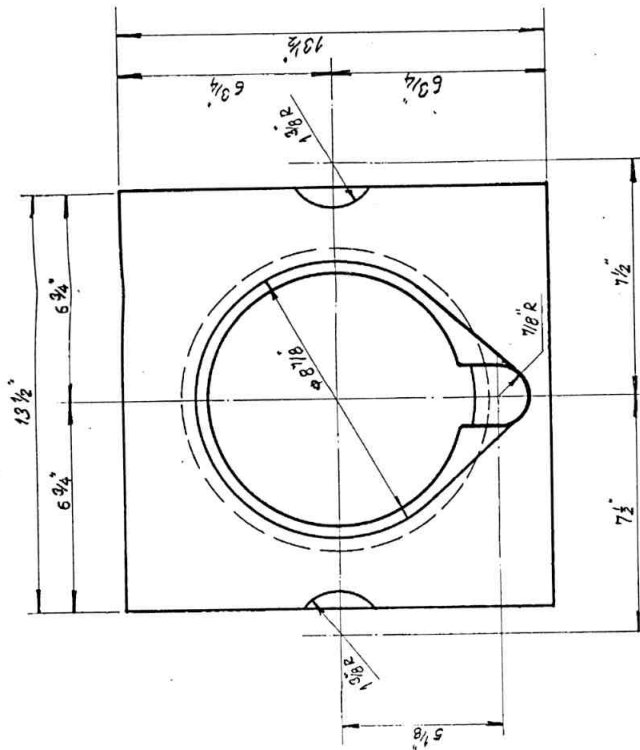
APPARENT POROSITY - 20-22%.

BULK DENSITY - 2.25-2.4 gm/cc

C.C.S

[illegible]

SECTION-BB



NOTE:

1. ALLOWANCE OF DIMENSIONS $\pm 2\%$.
2. ALL EDGES SHOULD BE ROUNDED TO $\frac{1}{8}$ R. WHERE UNSPECIFIED ON THE DRG.
3. ALL DIMENSIONS ARE IN INCHES.

SCANNED

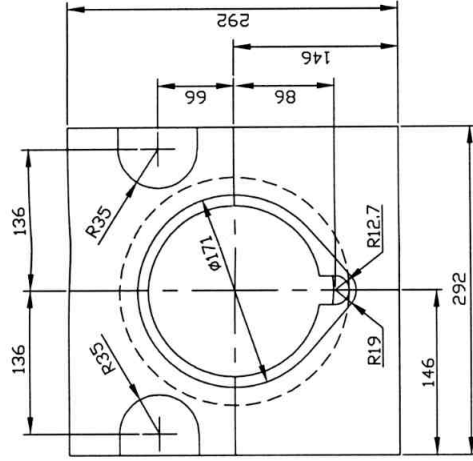
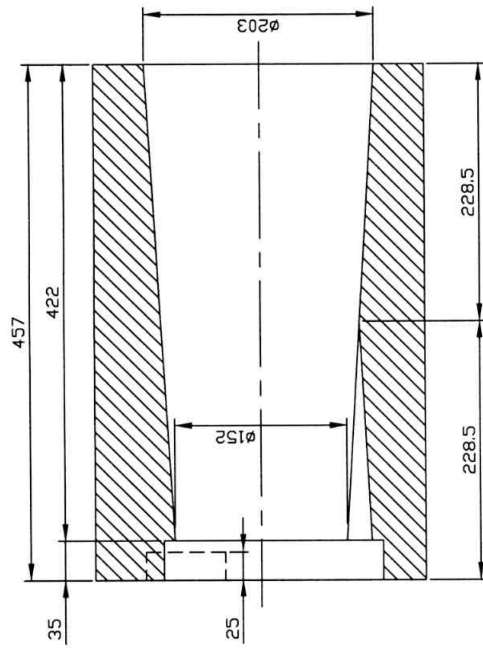
10 (50T)

32 (100T)		1-M-18d-0208/2	
ITEM NO.	1-M-18d-0208/2	ITEM NO.	1-M-18d-0208/2
NAME - DIMENSIONS	SEMIPRODUCT	FINAL MATERIAL	INITIAL MATERIAL
SCALE	DRAWN BY	MAKING DRG.	MAKING DRG.
CHECKED BY	APPROVED BY	DATE	DATE
1-4	24-7-1	24-7-1	24-7-1
STDS. OFFICER	DATE	DATE	DATE
26-10-66	26-10-66	26-10-66	26-10-66
MIC. 100T CAR BOTTOM SURFACE		MIC. 100T CAR BOTTOM SURFACE	
BURNER PORT		BURNER PORT	
BLOCK FOR 350P.		BLOCK FOR 350P.	
NAME		NAME	
3-M-18d-0275		3-M-18d-0275	
03-04		03-04	

MATERIAL SPECIFICATION

Al ₂ O ₃	60 ± 2%
Fe ₂ O ₃	0.8 - 1%
P.C.E. (O.C)	36
P.L.C at 1500°C	0.52-1
APPARENT POROSITY	20-22%
BULK DENSITY	2.25-2.4 gm/cc
C.C.S	350 kg/cm ² (M155)

ALL DIMENSIONS ARE IN MM



NOTE:

1. ALLOWANCE OF DIMENSIONS $\pm 2\%$
2. ALL EDGES SHOULD BE ROUNDED OFF 3MM WITHOUT INDICATION ON THE DRG.

CHEMICAL COMPOSITION

Al_2O_3 : 56-60%

Fe_2O_3 1% PCE+35

CCS: 350kgf/cm²

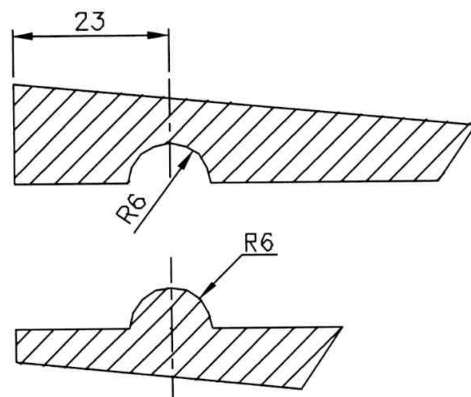
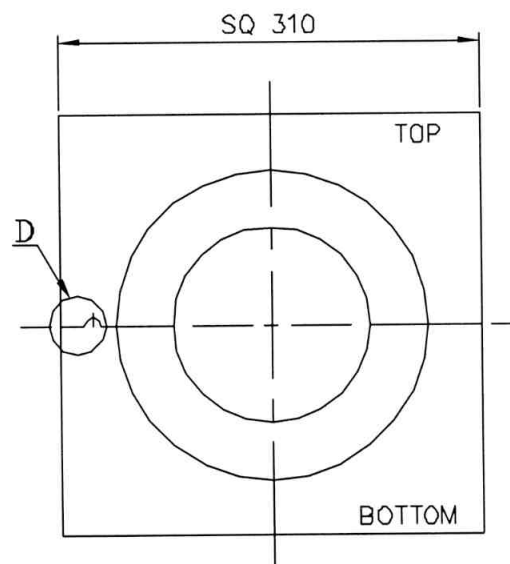
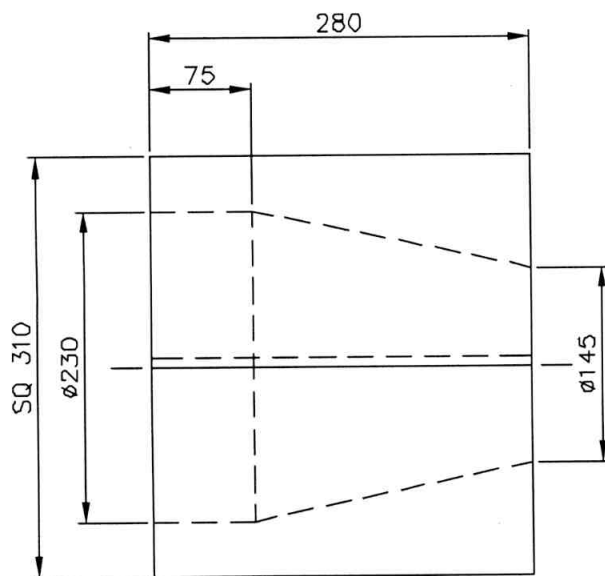
APP. POROSITY 24 to 29%

BULK DENSITY 2.3 to 2.5gm/cc

	DESCRIPTION	SILIMINITE	IS: 2044	NET WT IN KGS.	DRAWING No.	SIGN.	ITEM No.
SCALE	DRAWN	CHECKED	APPROVED	DATE	DCN REF	DATE	INDEX
1:4	(T/B)	R. RAMAMOORTHY	C.S. JAYASHEELAN	14.06.11		03.06.11	01
MACHINE: 100T CAR BOTTOM FURNACE				TYPE: INDOBERG 100T/ 50T			
TITLE: BURNER BLOCK				DRAWING No. 03			
				REV. 01			
				Sheet No. 3M18D0400274			
				No. of Sheets			

CAUTION: THIS DRAWING IS OUR SOLE PROPERTY AND SHOULD NOT BE USED IN ANY FORM FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF BHARAT HEAVY ELECTRICALS LIMITED

ALL DIMENSIONS ARE IN MM



DETAIL- 'D'

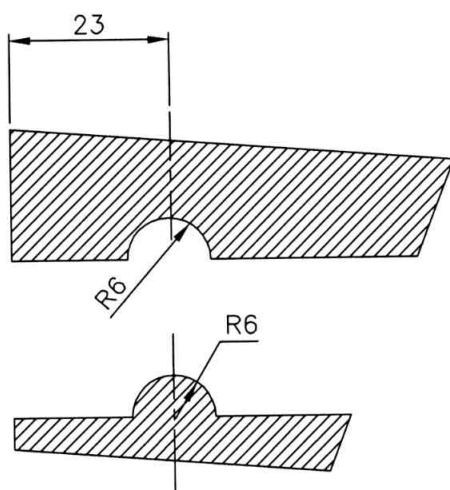
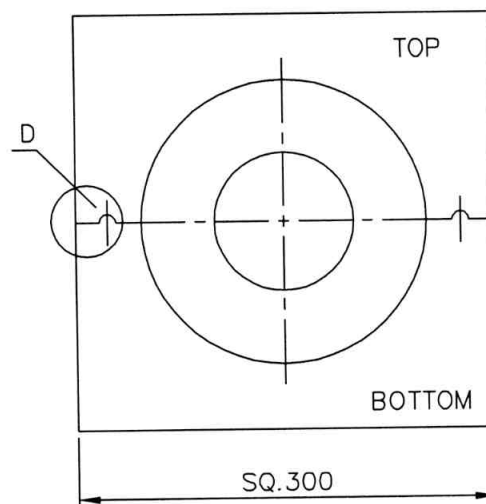
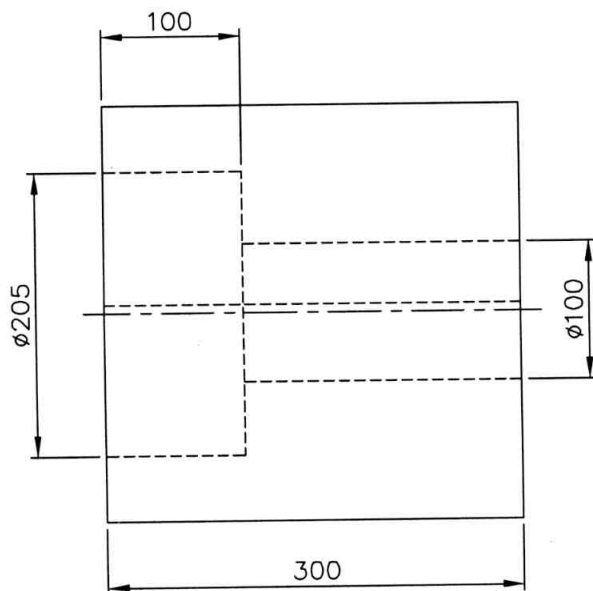
NOTE: -

GENERAL TOLERANCE $\pm 2\text{MM}$.

No. of Pieces		DESCRIPTION		MATERIAL	IS: 8	NET.WT.IN KGS.	DRAWING No.	ITEM No.
REFERENCE:		ALTERATIONS:		DCN REF	DATE	SIGN.	INDEX	
SCALE	DRAWN	N.MANOG						
	CHECKED	R.RAMAMOORTHY						
1: 5	APPROVED	C.S.JAYASHEELAN						
	DATE	13/11/08						
MACHINE: CONTINUOUS DISCHARGE FURNACE					TYPE: PRECISION CONTROLS-CDF			
TITLE:					DRAWING No:			
REFRACTORY COLLAR					4M18B1 028269			
					Sheet No: No. of Sheets:			

CAUTION: THIS DRAWING IS OUR SOLE PROPERTY AND SHOULD NOT BE USED IN ANY FORM FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF BHARAT HEAVY ELECTRICALS LIMITED

ALL DIMENSIONS ARE IN MM



DETAIL-D

* MATERIAL SPECIFICATION

Al₂ O₃ : 60% ⁺²
 Fe₂ O₃ : 0.8 TO 1%
 PCE : -36
 PLC at 500° 0.52-1
 AP : 20%
 BD : 2.25-2.4 gm/cc
 CCS : 350 kg/cm²

		SILLIMANITE							
No. of Pieces	DESCRIPTION			MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.		ITEM No.
	REFERENCE:			ALTERATIONS:		DCN REF	DATE	SIGN.	INDEX
SCALE 1:5	DRAWN/TCD	R. Narayanan							
	CHECKED	R. RAMAMOORTHY							
	APPROVED	C.S. JAYASHEELAN							
	DATE	12.05.05/10.10.07							
MACHINE: HIGH TEMP. SOLUTION HEAT TREATMENT		TYPE: VULCAN-RHF							
TITLE:		REFRACTORY COLLER			DRAWING No:				REV.
					4M18B0727615				
					Sheet No:		No. of Sheets:		