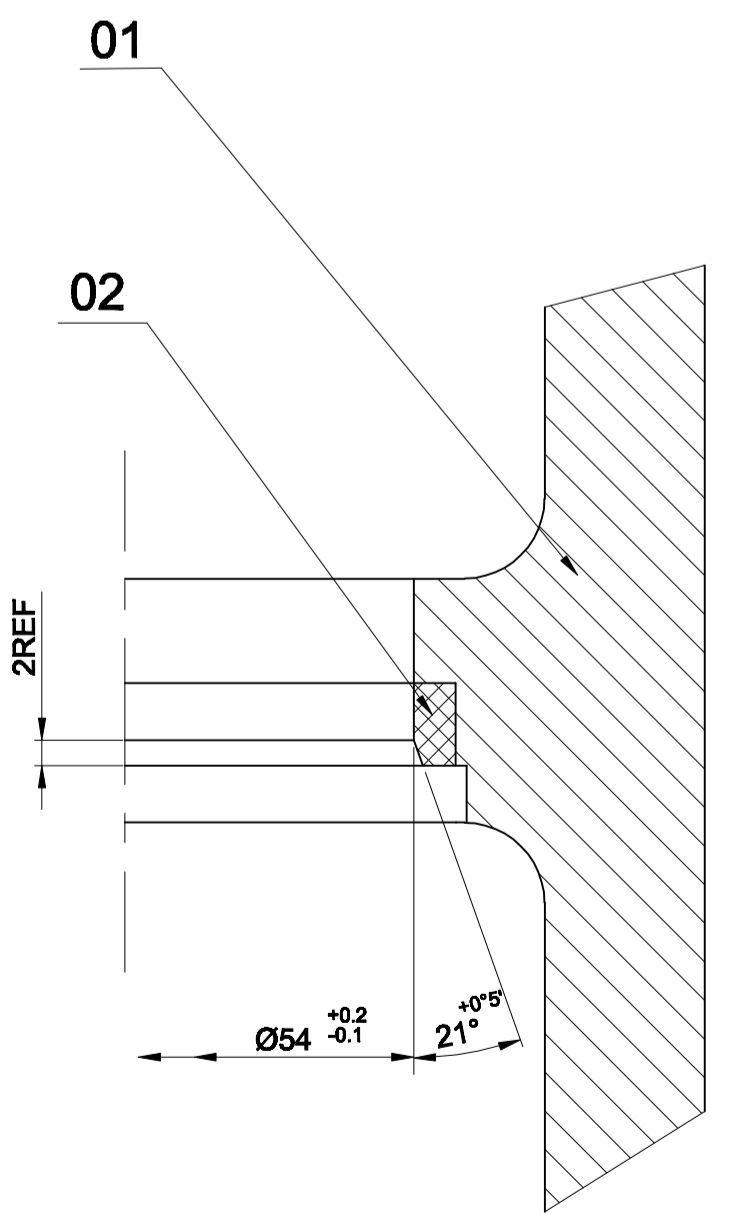
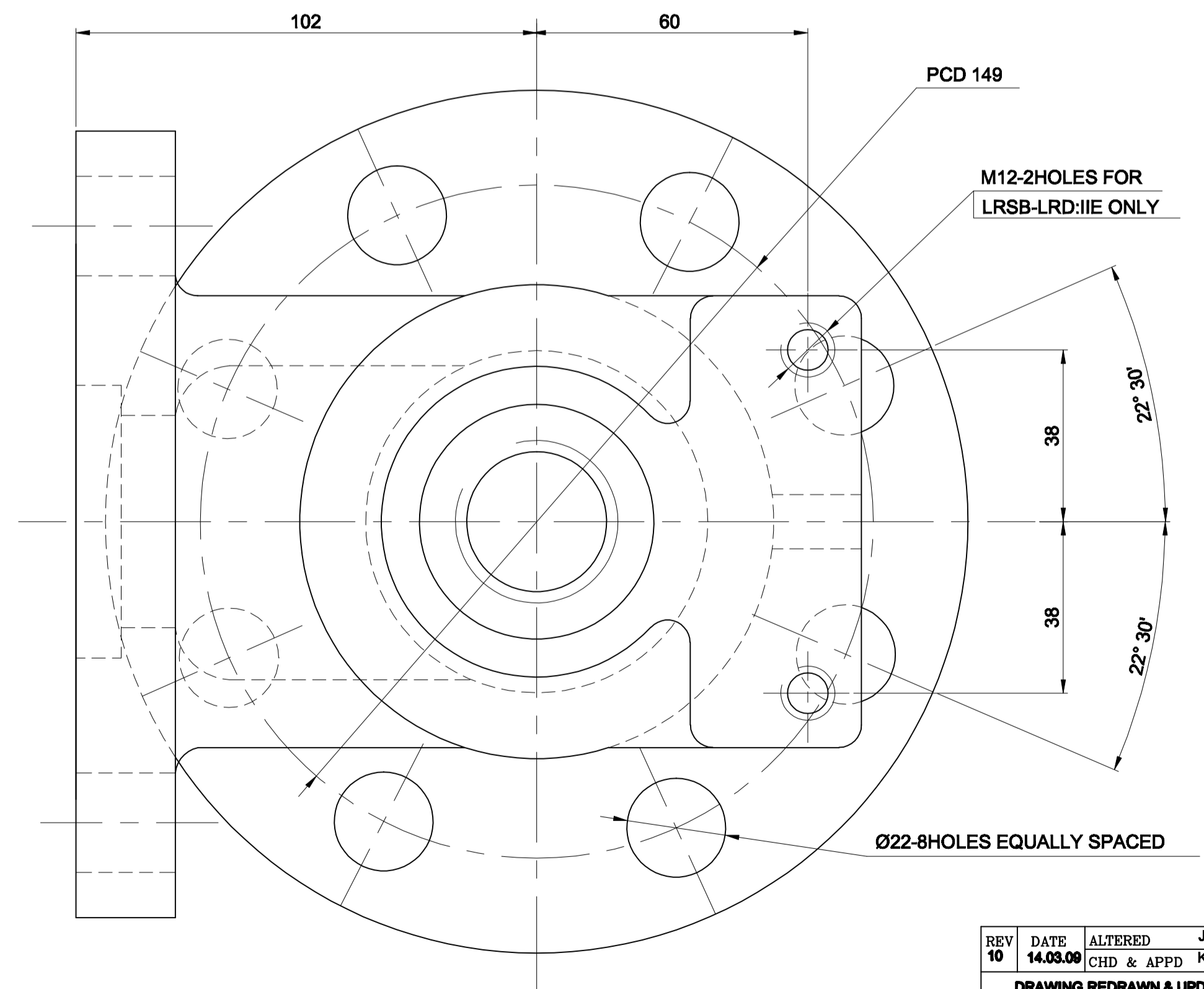


- NOTES:-**
- 3/8" NPT THREADED HOLE SHOULD NOT BE MADE UNLESS OTHERWISE SPECIFICALLY CALLED FOR.
 - MINIMUM WALL THICKNESS 11MM. IS TO BE MAINTAINED.
 - FOLLOW THE PROCEDURE FOR PRESS. FITTING THE SEAT INSERT IN TO BODY.
 - SEE ASSEMBLY INSTRUCTION (DRG. NO. 4-20-201-02065 & 4-20-201-02064).
 - THE INLET OF VALVE BODY SHOULD BE HYDRAULICALLY TESTED AT 90KG/CM² FOR WCB CASTING AND WC6 CASTINGS.
 - Ø58H7 & M36X1.5 ARE TO BE MACHINED IN ONE SETTING AND THE CONCENTRICITY SHOULD BE WITHIN 0.05MM.
 - IF THIS IS NOT CARRIED OUT IN ONE SETTING; METHODS SHOULD BE DEVELOPED TO ATTAIN THE CONCENTRICITY SPECIFIED.
 - INSPECTORS TO CHECK THIS ON ALL VALVE BODIES.

STELLITE SEAT INSERT (ITEM 02) OMITTED IN THIS VIEW



DETAIL-A'
MACHINING OF STELLITE SEAT INSERT



VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD.	DRAWING NUMBER	ITEM NO	MATERIAL CODE	A/C/P	UNIT	UNIT WEIGHT	QTY	ZONE
	02	SEAT INSERT		4-20-201-00796		96-353-109			0.030		
						HAYNES STELLITE			1		
	04 01	VALVE BODY		1-20-001-00190		92-013-181-01	A		16.00		
						ASTM A216WCB			1		
	03 01	VALVE BODY		1-20-001-00190		92-024-387-01	A		16.00		
						ASTM A216WCB			1		
	02 01	VALVE BODY		1-20-001-00190		92-013-181	A		16.00		
						ASTM A217WC6			1		
	01 01	VALVE BODY		1-20-001-00190		92-024-387	A		16.00		
						ASTM A216WCB			1		

REV	DATE	ALTERED	J.S
10	14.03.09	CHD & APPD	K.S

DRAWING REDRAWN & UPDATED.
DCN:SB: 800909 / 800928

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

BHARAT HEAVY ELECTRICALS LTD.
UNIT: HIGH PRESSURE BOILER PLANT.
TIRUCHIRAPALLI-620014.

DRN	NAME	SIGN	DATE
CHD	J.BANKAR	J.S	14.03.09
APPD	K.SRIDHARAN	K.S	14.03.09
	S.NATARAJAN	S.N	14.03.09

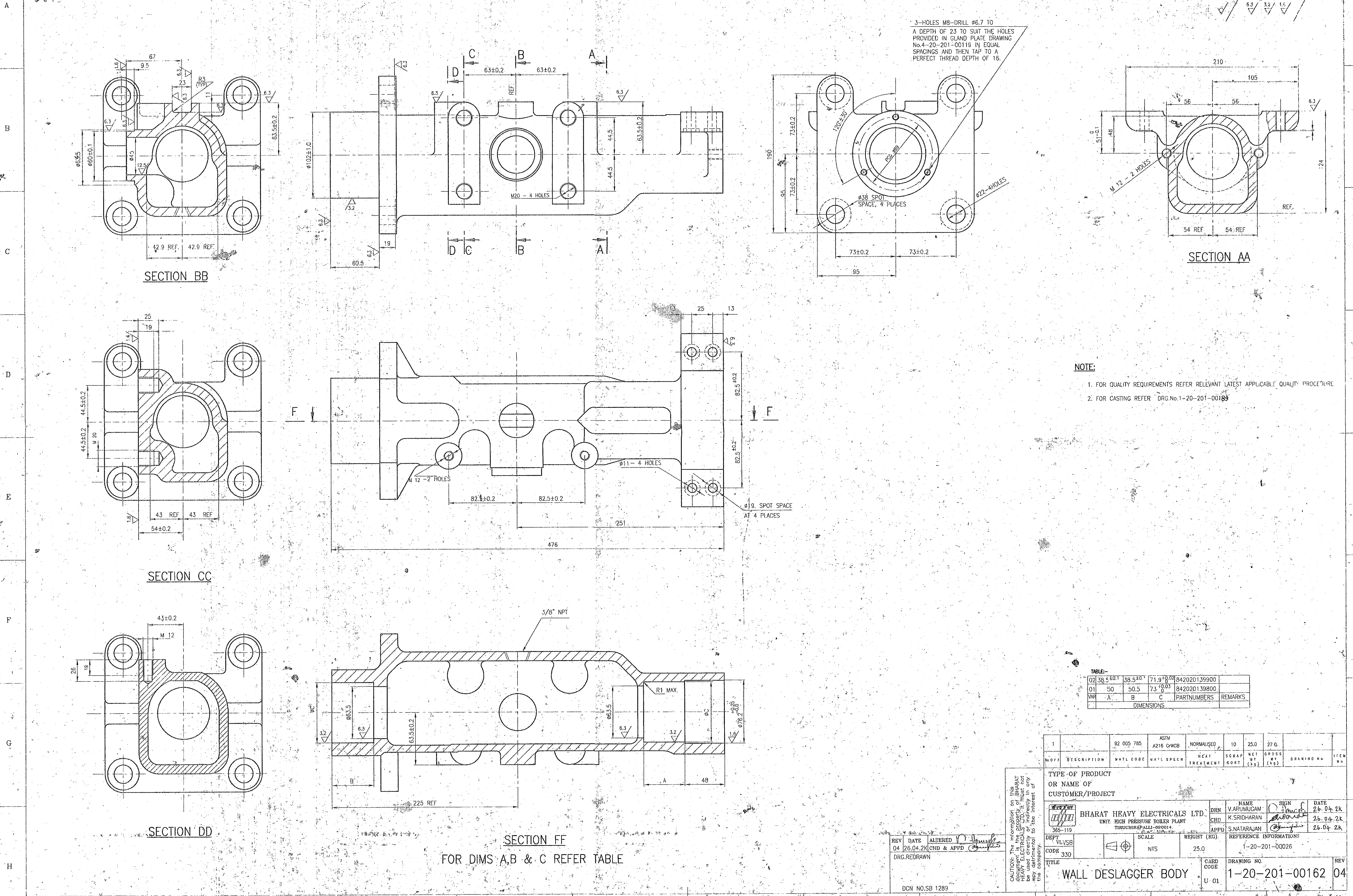
DEPT: SB
SCALE: 1:1
WEIGHT (KG): 16.030

TITLE: **VALVE BODY**
2 1/2" (NB 65MM)

CARD CODE: U 01
DRAWING NO.: 1-20-001-00010
REV: 10

DRAWING NO. 1-20-201-00162

ALL DIMENSIONS ARE IN MILLIMETRES FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER TO IS 10000



NOTE:
 1. FOR QUALITY REQUIREMENTS REFER RELEVANT LATEST APPLICABLE QUALITY PROCEDURE
 2. FOR CASTING REFER DRG.No.1-20-201-00189

TABLE-

02	38.5 ± 0.1	38.5 ± 0.1	71.9 ± 0.03	842020139900
01	50	50.5	73 ± 0.03	842020139800
VAR	A	B	C	PARTNUMBERS

DIMENSIONS

1	92 005 785	ASTM A216 GrWCb	NORMALISED	10	25.0	27.0			
NOFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING NO	ITEM NO
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT									
BHARAT HEAVY ELECTRICALS LTD.			DRN V.VARUMUGAM		SIGN K.SRIDHARAN		DATE 26.04.2k		
UNIT: HIGH PRESSURE BOILER PLANT			CHD		S.NATARAJAN		DATE 26.04.2k		
TIRUCHIRAPPALLI-020014			APPD		REFERENCE INFORMATION		1-20-201-00026		
DEPT VLVSB	SCALE	WEIGHT (KG)	DRAWING NO. 1-20-201-00162						
CODE 330	NTS	25.0	REV 04						
TITLE WALL DESLAGGER BODY			CARD CODE U 01		DRAWING NO. 1-20-201-00162		REV 04		

REV DATE ALTERED BY
 04 26.04.2k CHD & APPD
 DRG.REDRAWN

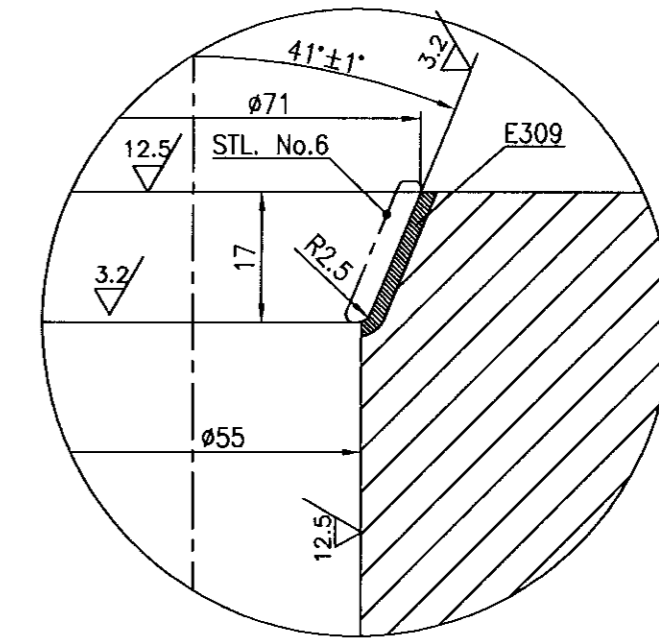
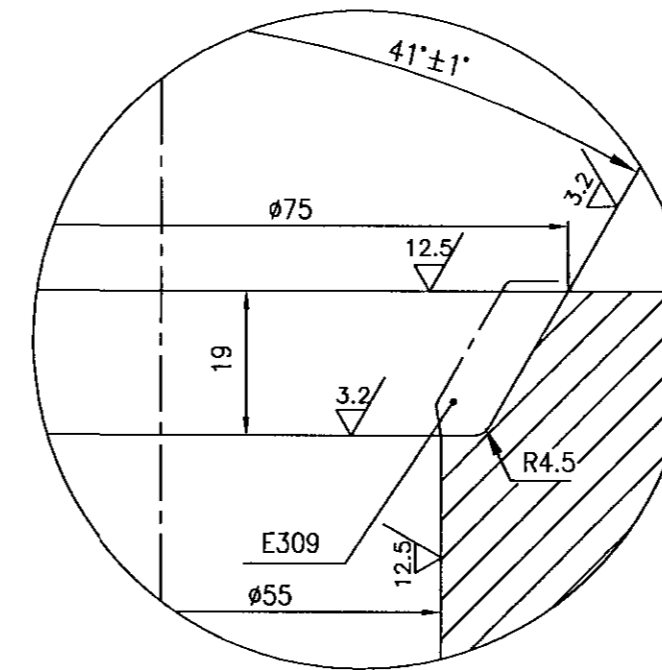
DCN NO.SB 1289

SECTION FF
 FOR DIMS A,B & C REFER TABLE

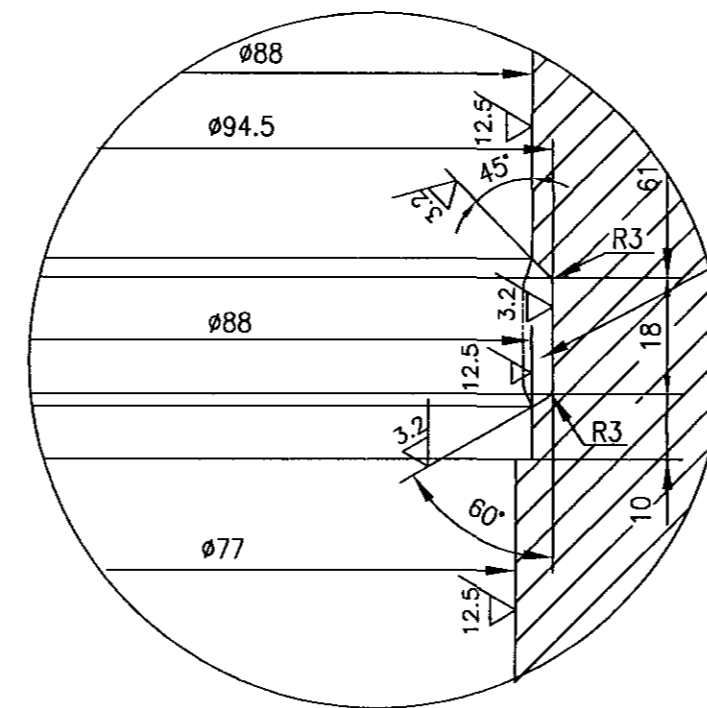
DETAIL-A

MACHINING BEFORE
BUFFER LAYER WELD

MACHINING BEFORE
STELLITE-6 WELD



DETAIL-B



309 MOL. STAINLESS STEEL

SL. NO.	DRAWING NO.	MATERIAL SPECIFICATION	COMP. CODE	SCRAP SORT
* 08	2-V-G052-15103/4	A217 WC9, NT	931119498000	20
* 07	2-V-G051-15103/4	A217 WC6, NT	931119488000	20
* 06	2-V-G050-15103/4	A216 WCC, AN	931119478000	10
* 05	2-V-G049-15103/4	A216 WCB, AN	931119468000	10
04	2-V-G044-15103/4	A217 WC9, NT	931119458000	20
03	2-V-G043-15103/4	A217 WC6, NT	931119448000	20
02	2-V-G042-15103/4	A216 WCC, AN	931119438000	10
01	2-V-G041-15103/4	A216 WCB, AN	931119428000	10

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT: REDRAWN WITH REV.4 ON 4.12.04

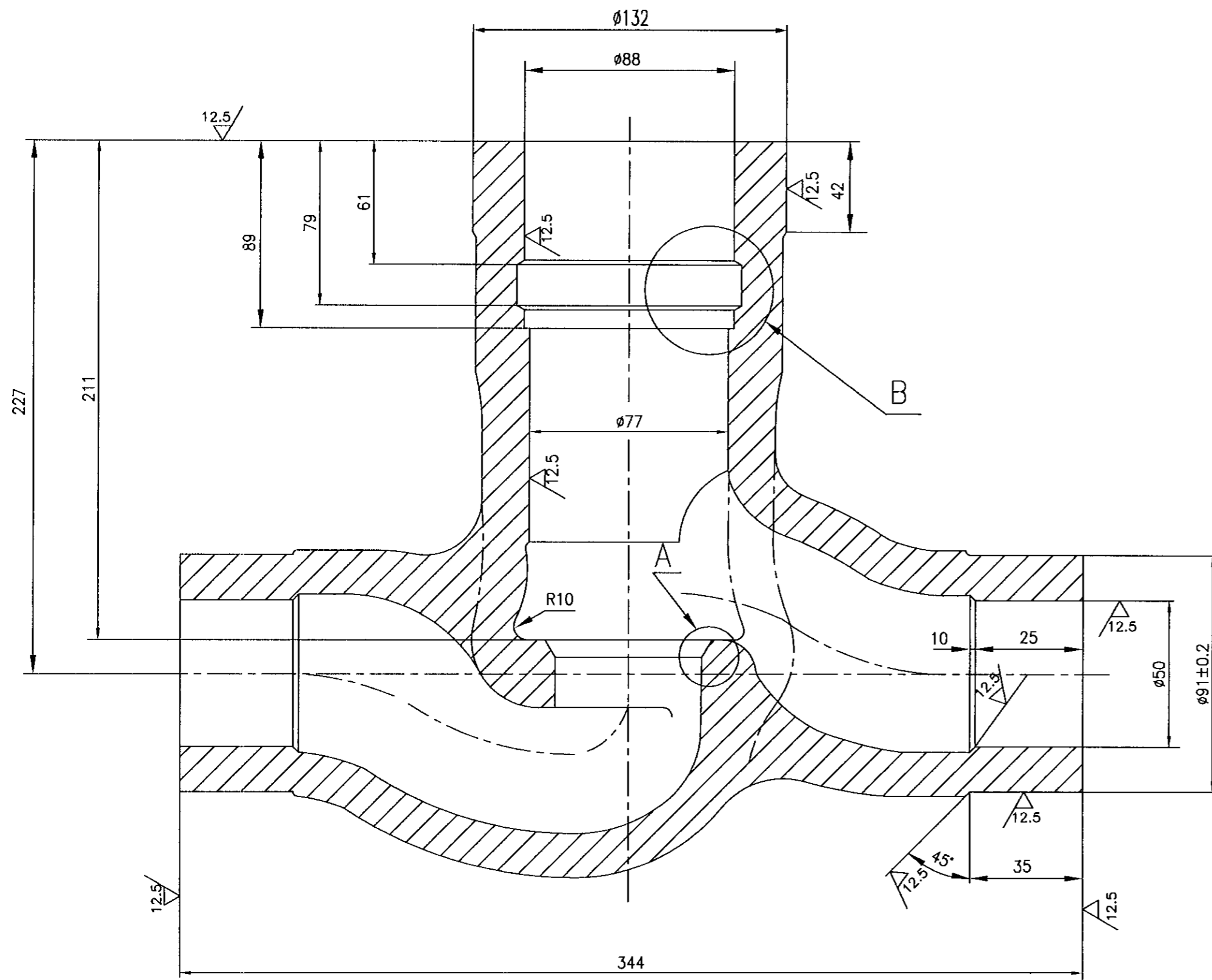
DRN	NAME	SIGN	DATE	NO.OF VAR.
V	BAIRAVAN		04.12.04	
CHD	K.RAJASEKARAN		04.12.04	
APPD	M.RAJKUMAR		04.12.04	

DEPT	SCALE	WEIGHT (KG)	REFERENCE INFORMATION	NO. OF ITEMS
365-120	N.T.S		3-E27159 (870) CAD REFER:T215103	

TITLE	CARD CODE	DRAWING NO.	REV
BODY (ROUGH) A3126B -6 (65/1500CL)	U 01	2-V-0000-15103	4

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

REV	DATE	ALTERED V.B
4	04.12.04	CHD & APPD KRS&MRK
ZONE E309 BUFFER WELD INCLUDED		
DCP NO: 800397		



NOTES:-

- 1.LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS
- 2.* MARKED TYPES ARE SPECIAL CLASS RATINGS.

DRAWING NO. 2-V-0000-15100/2

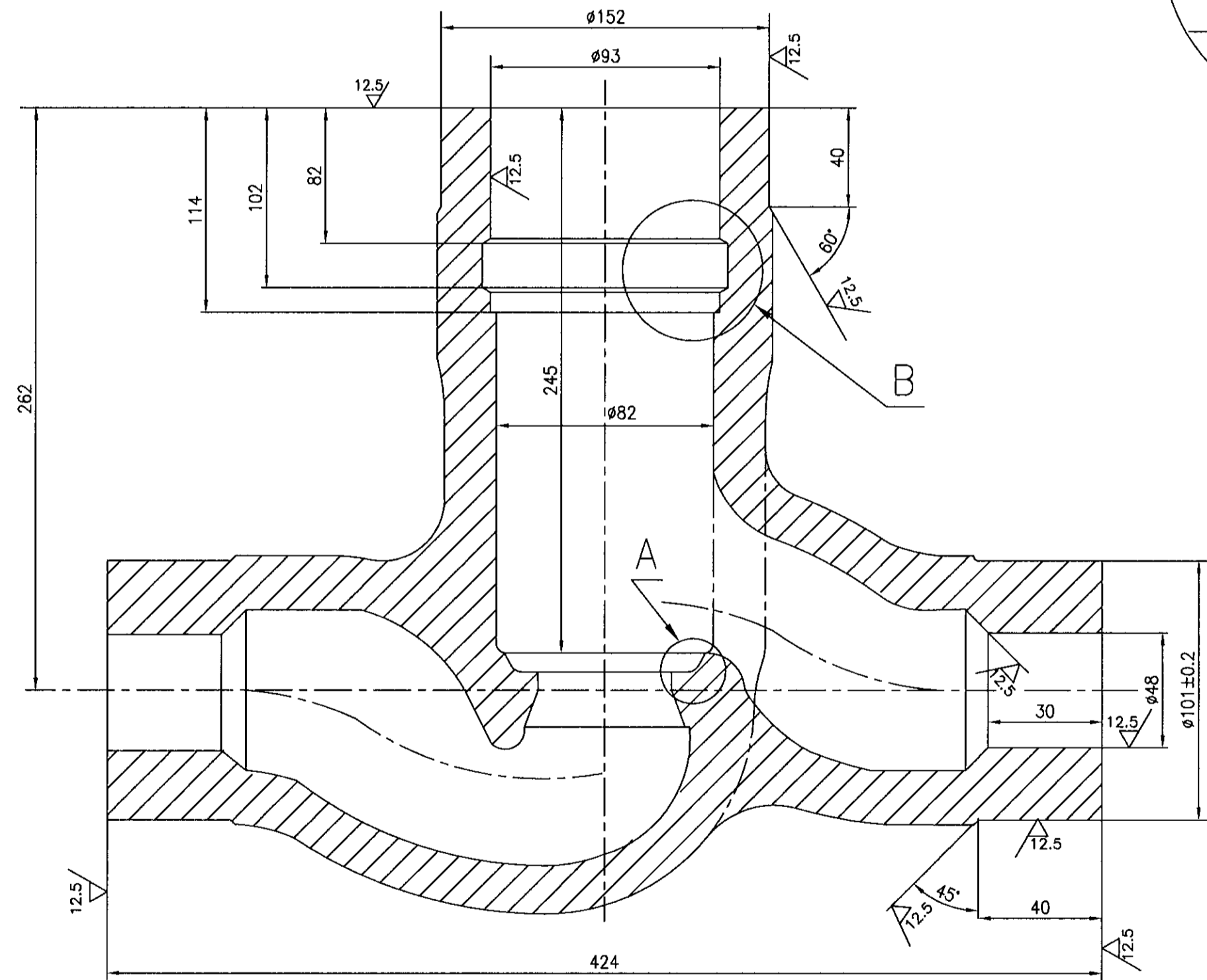
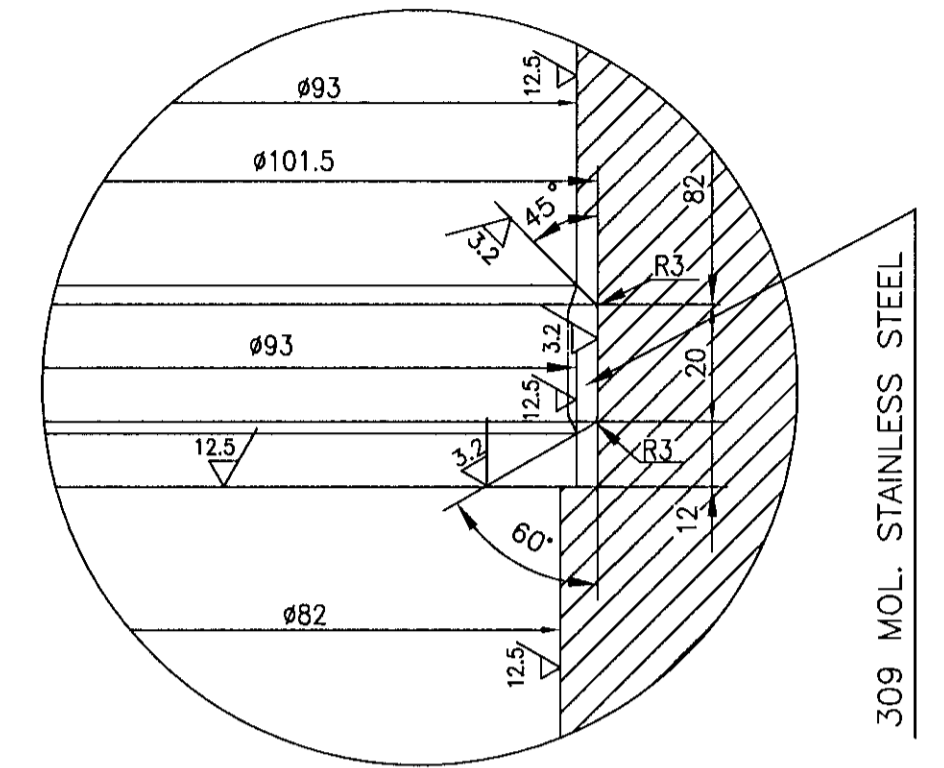
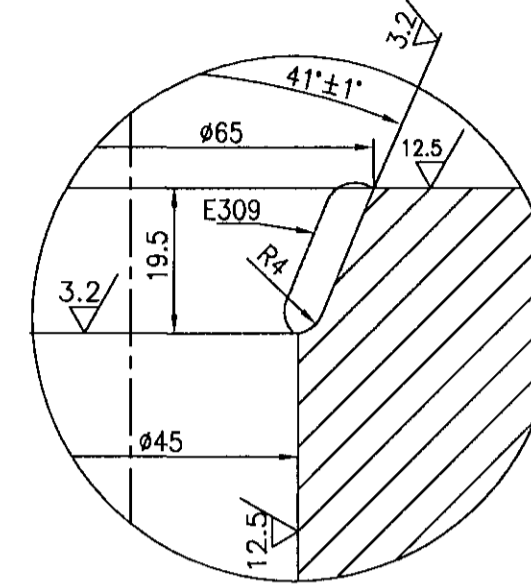
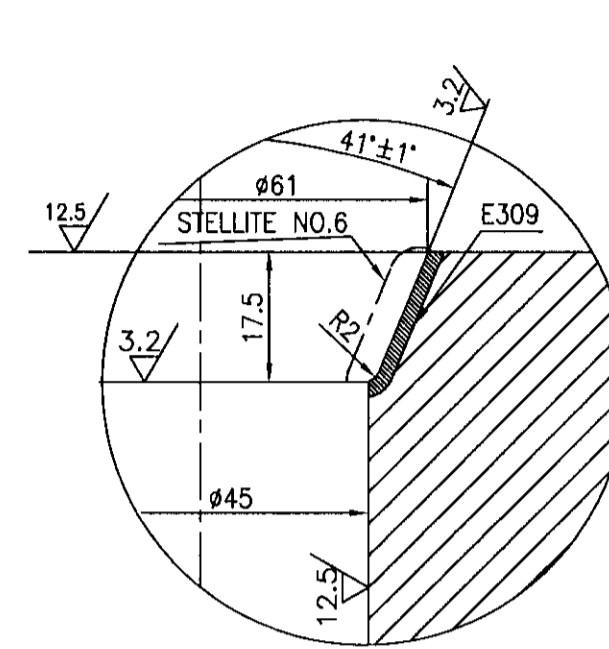
ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP

DETAIL-A

DETAIL-B

MACHINING BEFORE
STELLITE-6 WELD

MACHINING BEFORE
BUFFER LAYER WELD



NOTES:-

- 1* MARKED TYPES ARE SPECIAL CLASS RATINGS.
- 2. LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS.

* 08	2-V-G040-15100/2	A217-WC9,NT	93 111 930 8000	20
* 07	2-V-G039-15100/2	A217-WC6,NT	93 111 929 8000	20
* 06	2-V-G038-15100/2	A216-WCC,AN	93 111 928 8000	10
* 05	2-V-G037-15100/2	A216-WCB,AN	93 111 927 8000	10
04	2-V-G036-15100/2	A217-WC9,NT	93 111 926 8000	20
03	2-V-G035-15100/2	A217-WC6,NT	93 111 925 8000	20
02	2-V-G034-15100/2	A216-WCC,AN	93 111 924 8000	10
01	2-V-G033-15100/2	A216-WCB,AN	93 111 923 8000	10

SL.NO	DRAWING NO.	MATERIAL SPECN.	COMPONENT CODE	SCRAP SORT					
No	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No

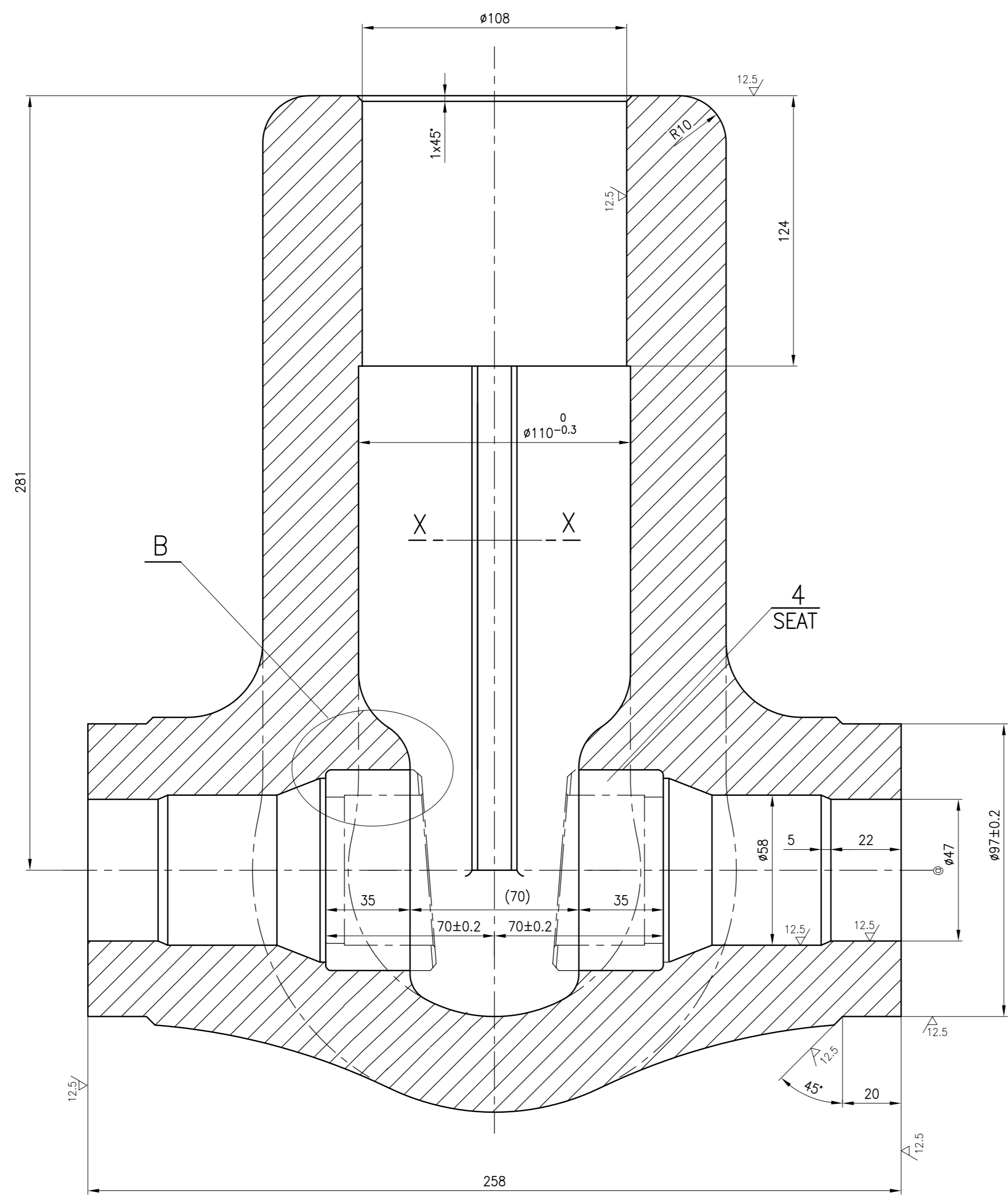
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		REDRAWN WITH REV NO.2 ON 4.12.04				
BHARAT HEAVY ELECTRICALS LTD. UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI - 620014.		DRN	V.BAIRAVAN	SIGN	DATE 4.12.04	NO.OF VAR.
DEPT	VL	APPD	M.RAJKUMAR	DATE	4.12.04	
CODE	320	SCALE	N.T.S	WEIGHT (KG)	REFERENCE INFORMATIONS	NO. OF PAGES
TITLE		CARD CODE		DRAWING NO.	REV	
BODY (ROUGH)		U 01		2-V-0000-15100	2	
(2 1/2 "/2500 CL.)				REF:TABLE		

REV	DATE	ALTERED	V.B
2	4.12.04	CHD & APPD	KRS&MRK
ZONE	E309 BUFFER WELD INCLUDED		
DCP No. 800397			

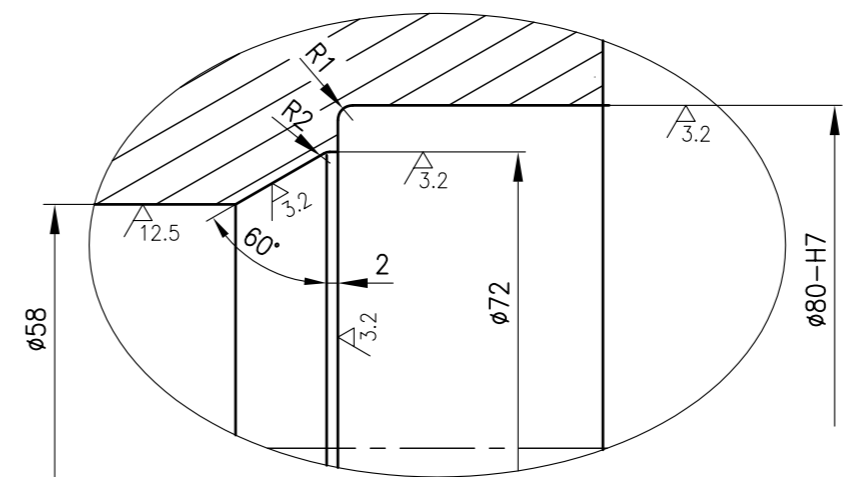
CAUTION: The information on this drawing is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

1 $\sqrt{12.5}$ $\sqrt{3.2}$

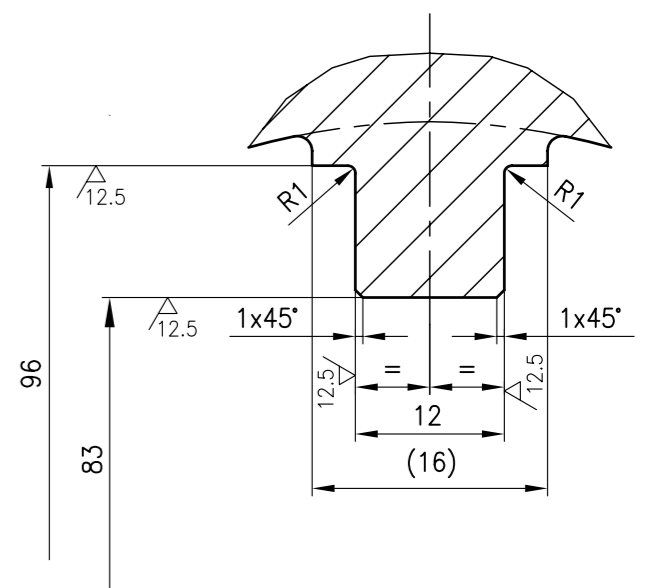
$\phi 80$ H7	+0.030
	0



DETAIL-B
BEFORE WELDING SEAT RING



SECTION - XX



NOTES:

- LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS.
- * MARKED TYPES ARE SPECIAL CLASS RATINGS.
- @ IF DIA.47 IS NOT POSSIBLE TO ACHIEVE DUE TO CASTING VARIATION IT CAN BE MADE TO DIA.50 AFTER CHECKING THE FINAL EDGE PREPARATION REQUIREMENT.

SL. No.	DRAWING No.	COMP. CODE	MATL. SPECN.	SCRAP SORT
*08	2-V-WA32-16603	931230848000	A217 WC9, ATTEST,NT	20
*07	2-V-WA31-16603	931230838000	A217 WC6, ATTEST,NT	20
*06	2-V-WA30-16603	931230828000	A216 WCC, ATTEST,AN	10
*05	2-V-WA29-16603	931230818000	A216 WCB, ATTEST,AN	10
04	2-V-WA28-16603	931230808000	A217 WC9, ATTEST,NT	20
03	2-V-WA27-16603	931230798000	A217 WC6, ATTEST,NT	20
02	2-V-WA26-16603	931230788000	A216 WCC, ATTEST,AN	10
01	2-V-WA25-16603	931230778000	A216 WCB, ATTEST,AN	10

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No
--------	-------------	-----------	------------	----------------	------------	-------------	---------------	------------	---------

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

	BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI - 620014.		DRN	V.BAIRAVAN	SIGN	DATE	10.02.06	NO.OF VAR.		
	DEPT	365-120	CHD	K.RAJASEKARAN	APPD	M.RAJKUMAR	10.02.06			
	DEPT VL		SCALE	NTS	WEIGHT (KG).		REFERENCE INFORMATION	T216603		
CODE	320	TITLE	BODY (ROUGH) 2 1/2 "/1500 CLASS		CARD CODE	U 01	DRAWING NO. REFER TABLE	2-V-0000-16603	REV	0

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

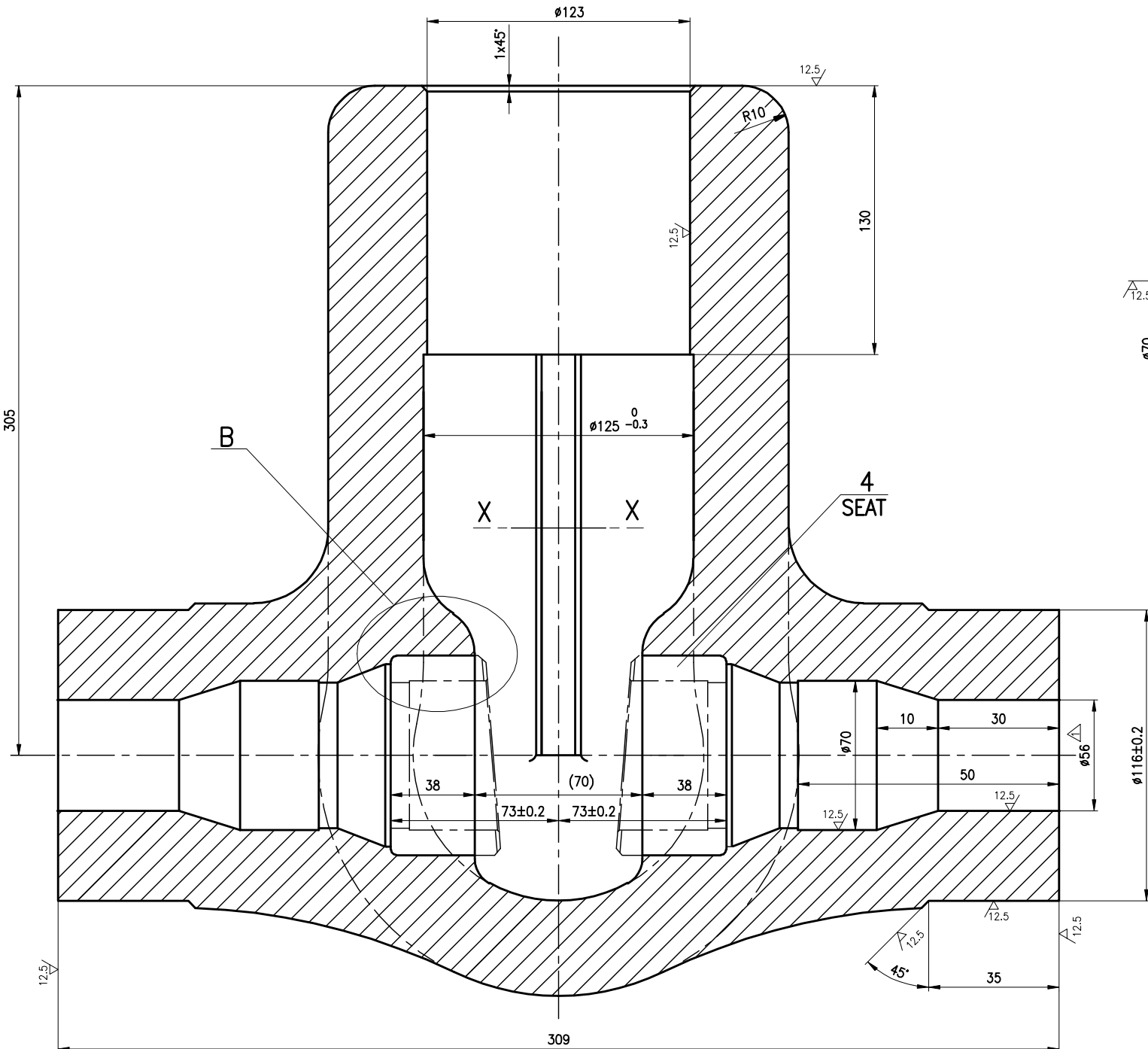
REV	DATE	ALTERED
		CHD & APPD

1/00991-0000-A-Z
DRAWING NO.

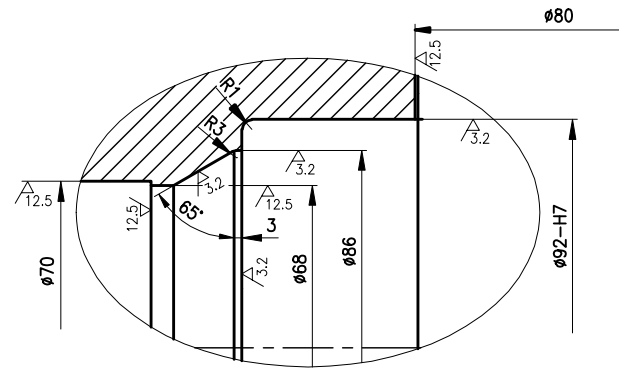
ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP

1

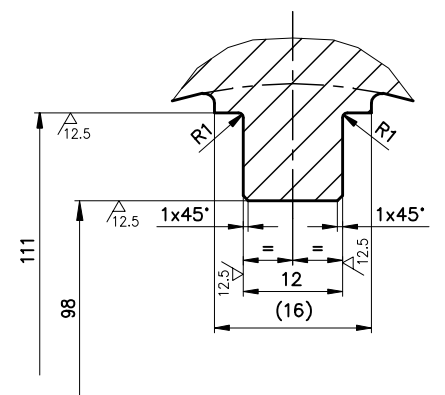
Ø92 H7	+0.035
	0



DETAIL-B
BEFORE WELDING SEAT RING



SECTION - XX



NOTES:

1. LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS.
2. * MARKED TYPES ARE SPECIAL CLASS RATINGS.

SL. No.	DRAWING No.	COMP. CODE	MATL. SPECN.	SCRAP SORT
*08	2-V-WA24-16600/1	931230698000	A217 WC9, ATTEST,NT	20
*07	2-V-WA23-16600/1	931230688000	A217 WC6, ATTEST,NT	20
*06	2-V-WA22-16600/1	931230678000	A216 WCC, ATTEST,AN	10
*05	2-V-WA21-16600/1	931230668000	A216 WCB, ATTEST,AN	10
04	2-V-WA20-16600/1	931230658000	A217 WC9, ATTEST,NT	20
03	2-V-WA19-16600/1	931230648000	A217 WC6, ATTEST,NT	20
02	2-V-WA18-16600/1	931230638000	A216 WCC, ATTEST,AN	10
01	2-V-WA17-16600/1	931230628000	A216 WCB, ATTEST,AN	10

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No

REV 1	DATE 22.04.10	ALTERED VB
ZONE		CHD & APPD SSK & KRS
		DIMENSION Ø56 WAS Ø60
		DCP No.801048

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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT				
		BHARAT HEAVY ELECTRICALS LTD. UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI - 620014.		
DRN	V.BAIRAVAN	SIGN	DATE	NO.OF VAR.
CHD	K.RAJASEKARAN		06.02.06	
APPD	M.RAJKUMAR		06.02.06	
DEPT	VL	SCALE	WEIGHT (KG).	REFERENCE INFORMATIONS
CODE	320	NTS		CAD: 2-V-0000-16600-1-0
TITLE			CARD CODE	DRAWING NO. REFER TABLE
BODY (ROUGH) 3"/1500 CLASS			U 01	2-V-0000-16600 1

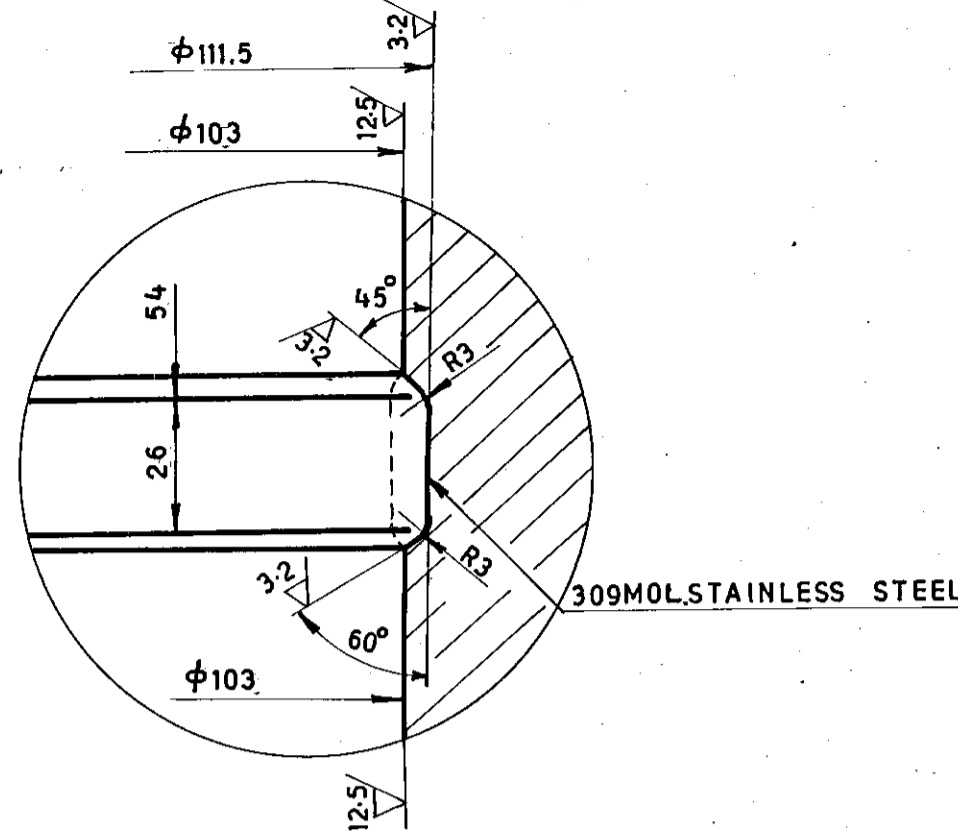
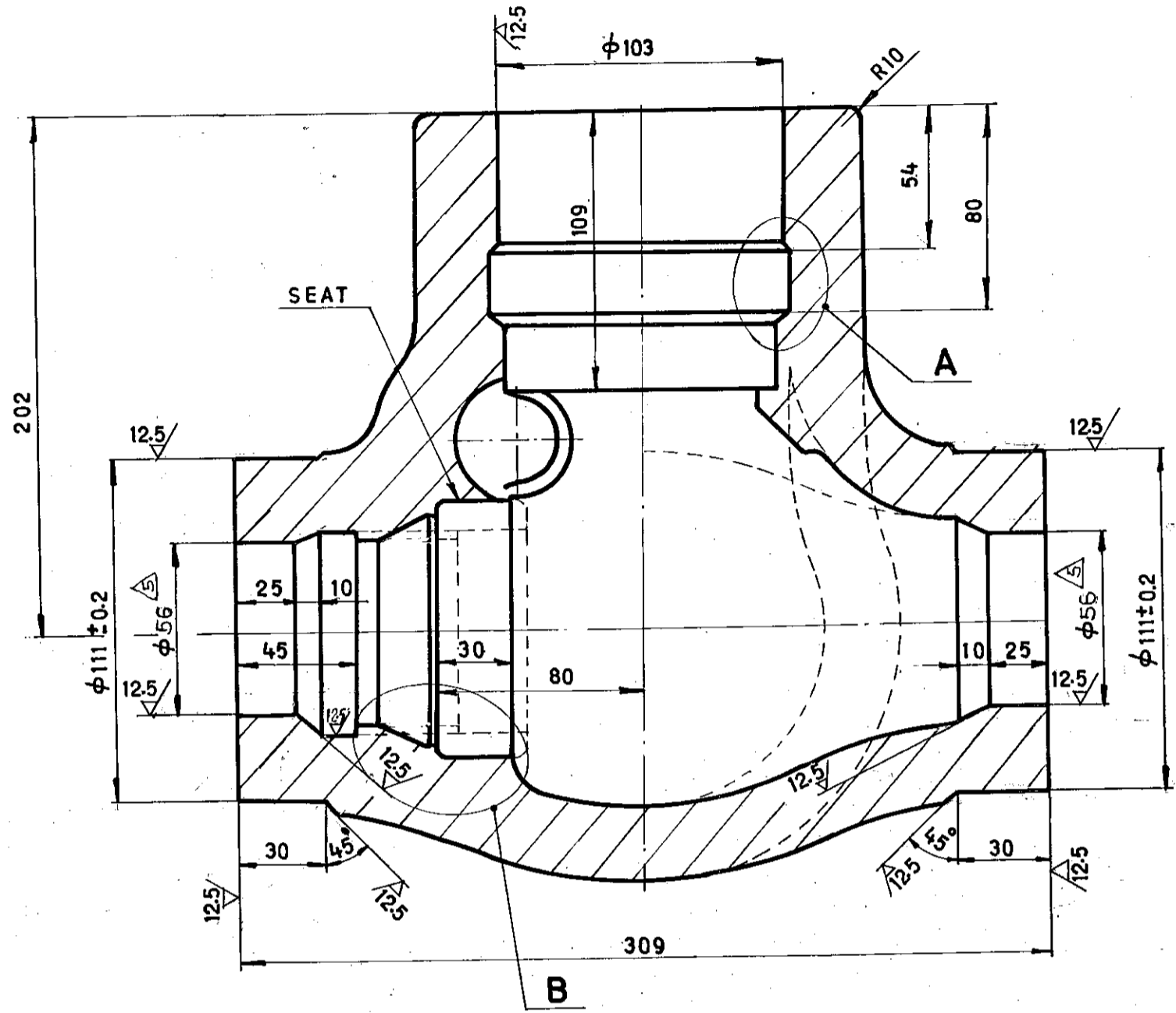
DRG NO. 2-V-0000-15319/5

FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP/QP

12.5 / 3.2

1

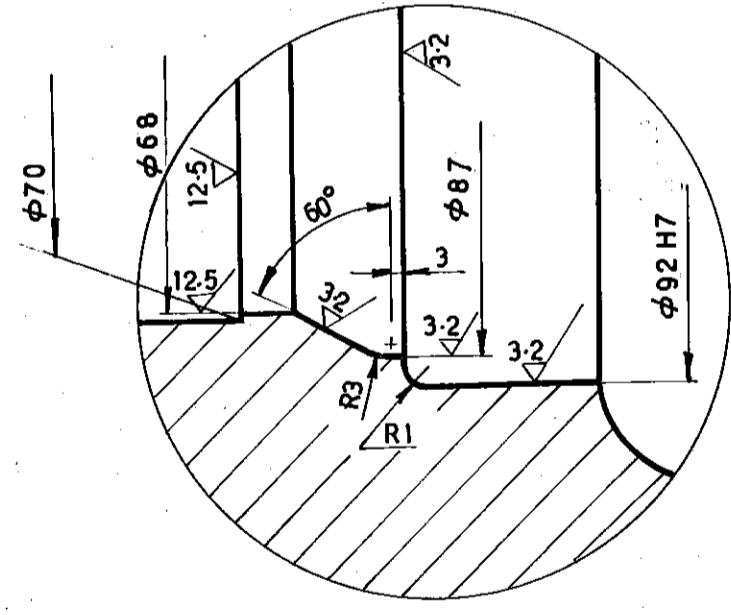
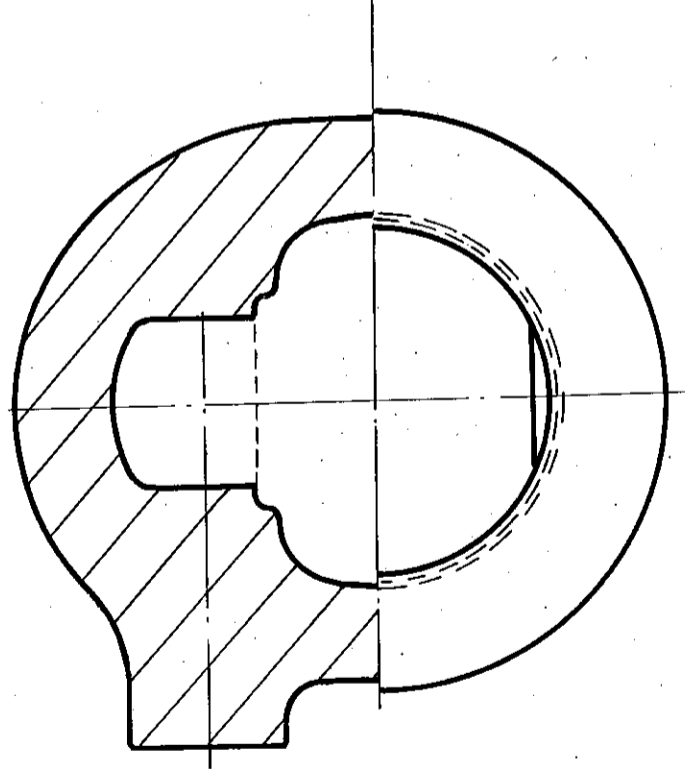
φ 92H7 +0.035 / 0



DETAIL - A

NOTES:-

- ★ MARK INDICATES SPECIAL CLASS RATING.
- LATEST APPLICABLE QUALITY PROCEDURE SHALL BE FOLLOWED IN ALL RESPECTS.



DETAIL - B

SL. NO.	DRG. NO.	MATL. SPECN.	COMP. CODE	SCRAP SORT
8★	2 - V - L160 - 15319/4	A 217 WC9, ATTEST, NT	93 113 218 8000	20
7★	2 - V - L159 - 15319/5	A 217 WC6, ATTEST, NT	93 113 454 8000	20
6★	2 - V - L158 - 15319/5	A 216 WCC, ATTEST, AN	93 113 453 8000	10
5★	2 - V - L157 - 15319/5	A 216 WCB, ATTEST, AN	92 113 452 8000	10
4	2 - V - L156 - 15319/5	A 217 WC9, ATTEST, NT	93 113 451 8000	20
3	2 - V - L155 - 15319/5	A 217 WC6, ATTEST, NT	93 113 450 8000	20
2	2 - V - L154 - 15319/5	A 216 WCC, ATTEST, AN	93 113 449 8000	10
1	2 - V - L153 - 15319/5	A 216 WCB, ATTEST, AN	93 113 448 8000	10

BHARAT HEAVY ELECTRICALS LTD.,
BOILER PLANT UNIT, TIRUCHIRAPALLI-14

FIRST ANGLE	SCALE	DRAWN	EC	TOTAL NET WT.(KG)
	NTS	CHECKED	L.Rengasamy	TYPE
ALL DIMENSIONS IN MILLIMETRES			APPROVED	TOA DRG NO
			S.KUMAR	3 E31626 (1953)
			DATE	19/6/87

CAUTION
THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LTD., BOILER PLANT UNIT, TIRUCHY-14 AND SHALL NOT BE USED WITHOUT THEIR EXPRESS WRITTEN PERMISSION IN ANY FORM OR PART THEREOF FOR ANY OTHER PURPOSE THAN FOR WHICH IT IS SENT TO YOU.

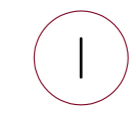
BODY
(ROUGH MACHINING DRG) 80/1500C

33-114

REF. TABLE
2 - V - 0000 - 15319

REVISION
5

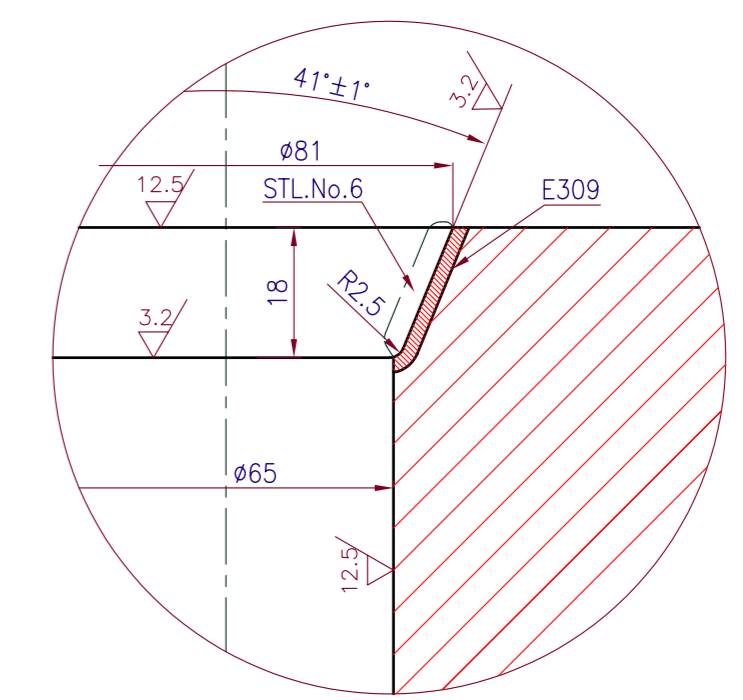
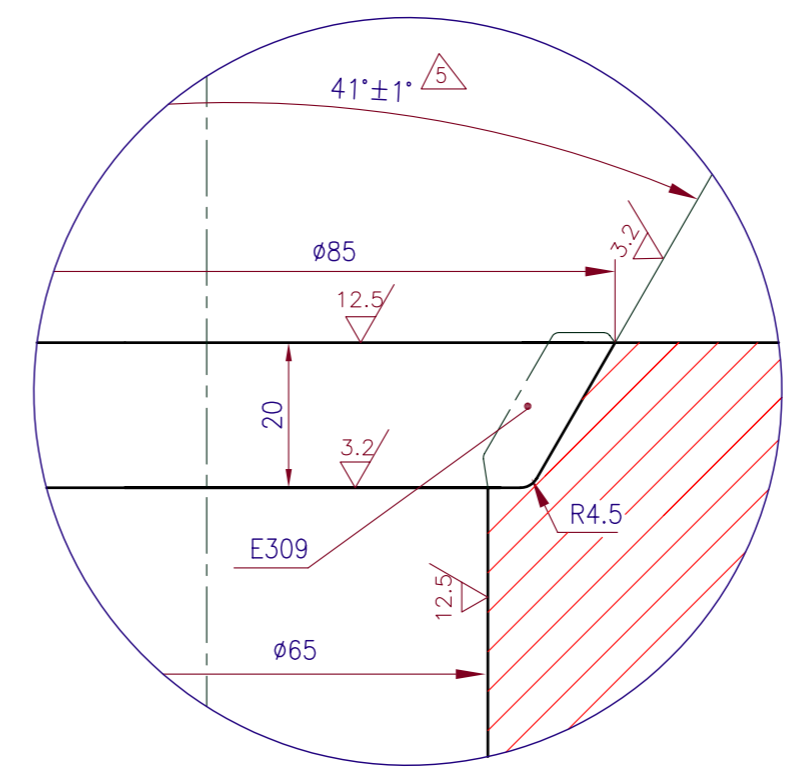
REV.	DATE	ALTRD. K.R.S.	REV.	DATE	ALTRD. K.R.S.	REV.	DATE	ALTRD. K.R.S.	REV.	DATE	ALTRD. K.R.S.
S	27-7-98	CHKD & APPD: M.R.V.	04	28.01.97	CHD & APPD. M.R.K.	03	29.3.94	CHD. M.R.K.	02	4-3-23	CHD. S.K.
INLET & OUTLET ID φ56 WAS φ60 DCN No. TA0922.			NOTES UPDATED. DCN No. TA 0786			INLET AND OUTLET BORE φ60 WAS φ65 DCN No. TA0339			RATING 1500C WAS 500C DCN No. TA 0240		



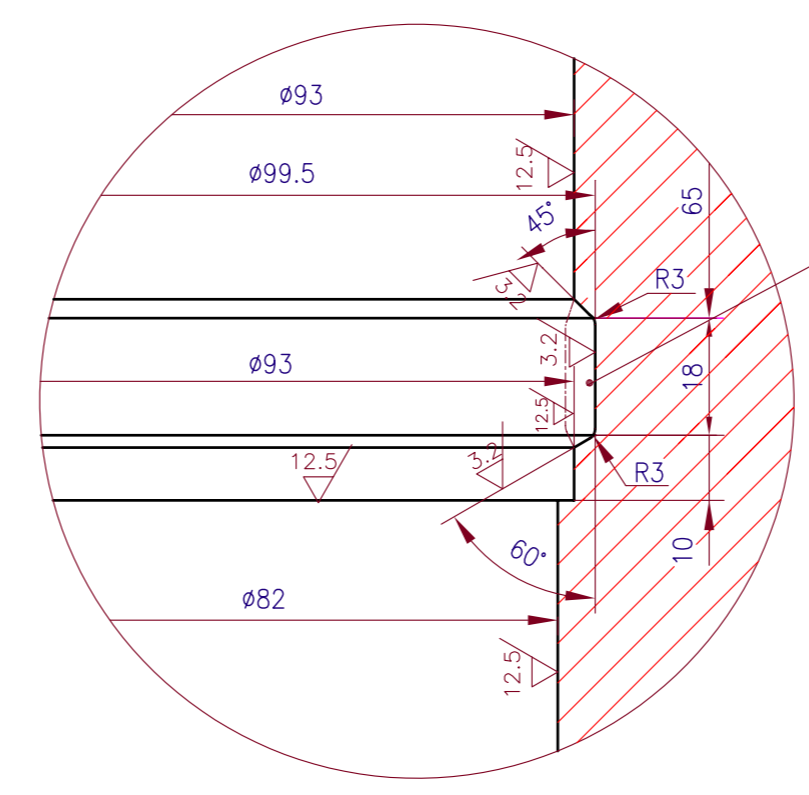
DETAIL-A

MACHINING BEFORE
BUFFER LAYER WELD

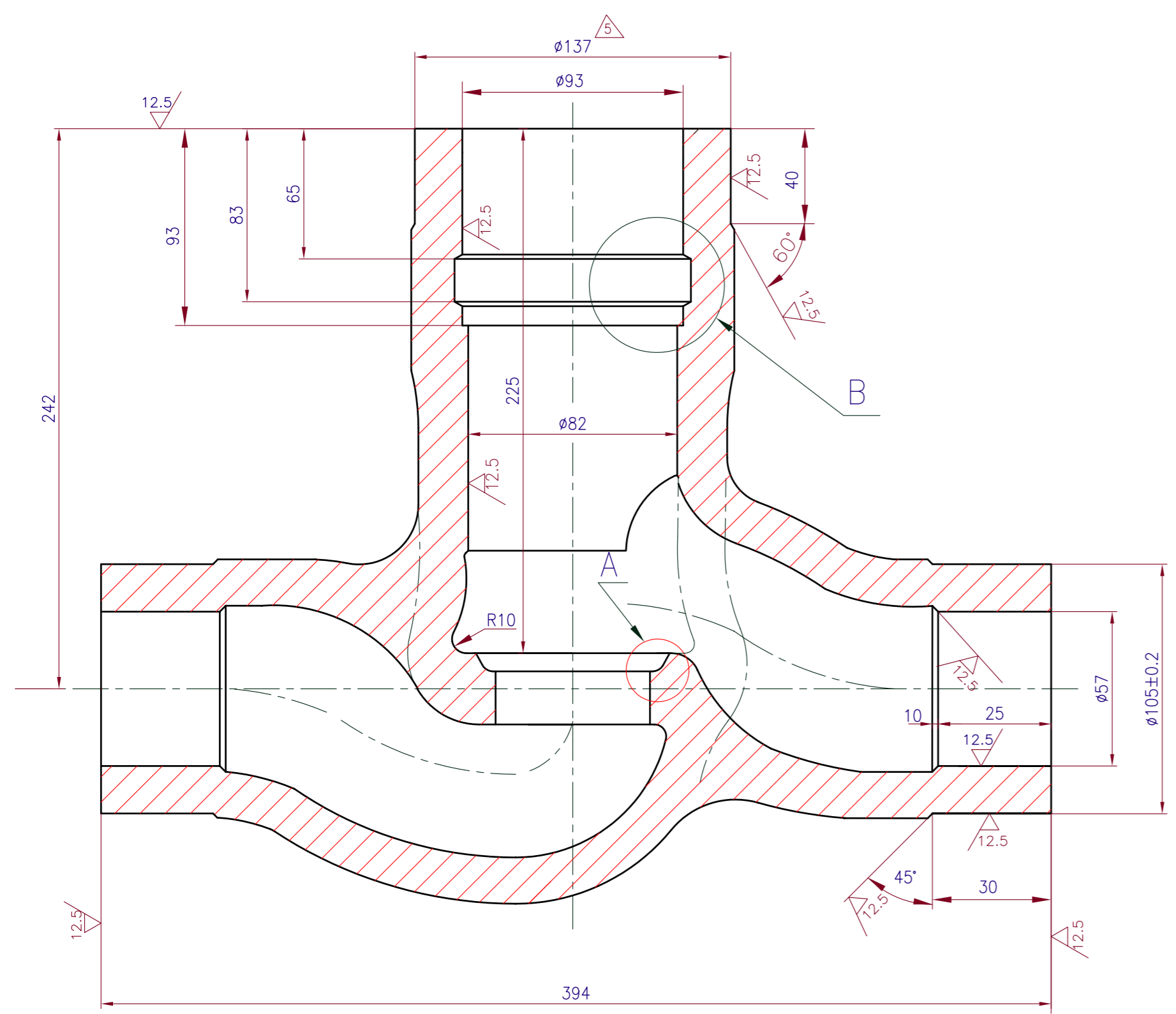
MACHINING BEFORE
STELLITE-6 WELD



DETAIL-B



309 MOL. STAINLESS STEEL



NOTES:-

1. LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS
- 2.* MARKED TYPES ARE SPECIAL CLASS RATINGS.

*08	2-V-G056-15153/5	A217 WC9, NT	931121268000	20
*07	2-V-G055-15153/5	A217 WC6, NT	931121258000	20
*06	2-V-G054-15153/5	A216 WCC, AN	931121248000	10
*05	2-V-G053-15153/5	A216 WCB, AN	931121238000	10
04	2-V-G048-15153/5	A217 WC9, NT	931121228000	20
03	2-V-G047-15153/5	A217 WC6, NT	931121218000	20
02	2-V-G046-15153/5	A216 WCC, AN	931121208000	10
01	2-V-G045-15153/5	A216 WCB, AN	931121198000	10
SL. NO.	DRAWING NO.	MATERIAL SPECIFICATION	COMP. CODE	SCRAP SORT

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No
	TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT								

		DRN V.BAIRAVAN CHD K.RAJASEKARAN APPD M.RAJKUMAR	NAME SIGN V.BAIRAVAN K.RAJASEKARAN M.RAJKUMAR	DATE NO.OF VAR. 04-12-04 04-12-04 04-12-04
DEPT 365-120 VL CODE 320		SCALE N.T.S. WEIGHT (KG). REFERENCE INFORMATION 3-E29190(888) CAD REFER T215153	NO. OF ITEMS DRAWING NO. REF.TABLE 2-V-0000-15153	
TITLE BODY (ROUGH) A3126 -8 (3"/1500CL)		CARD CODE U 01	REV 5	

REV 5	DATE 24.03.05	ALTERED VB CHD & APPD KRS&M.R.K	REV 4	DATE 04-12-04	ALTERED VB CHD & APPD KRS&M.R.K
ZONE	DIMENSION 137 INCLUDED DIMENSION 41'±1' WAS 40'±1'		ZONE	E309 BUFFER WELD INCLUDED	
	DCP NO:800428			DCP NO: 800397	

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

DETAIL-A

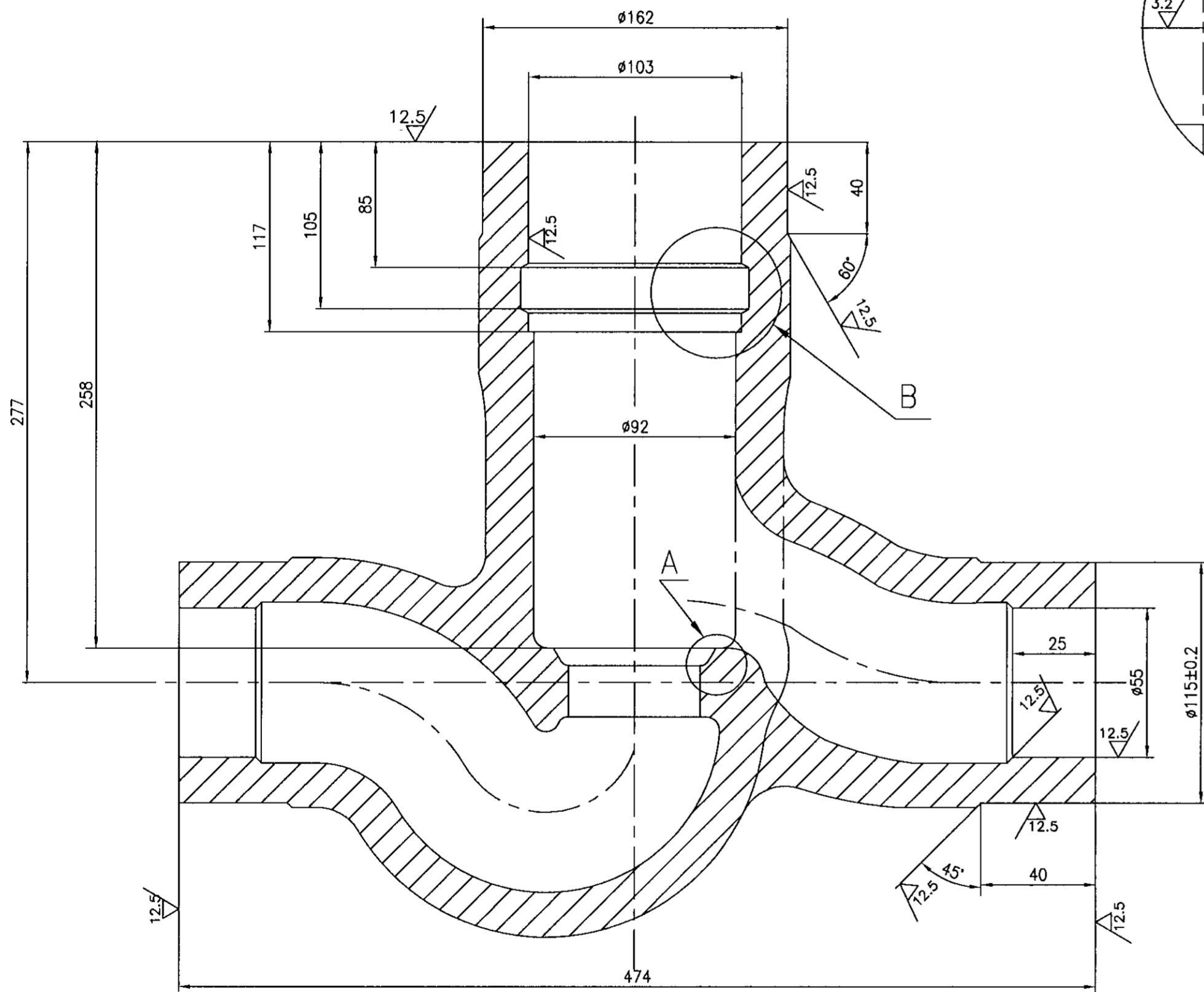
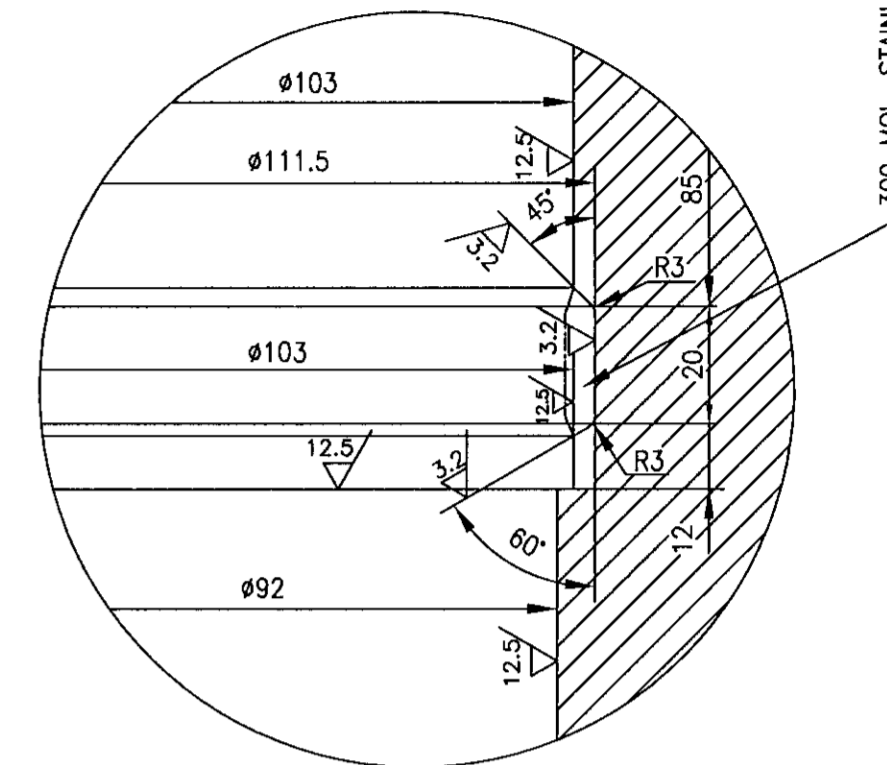
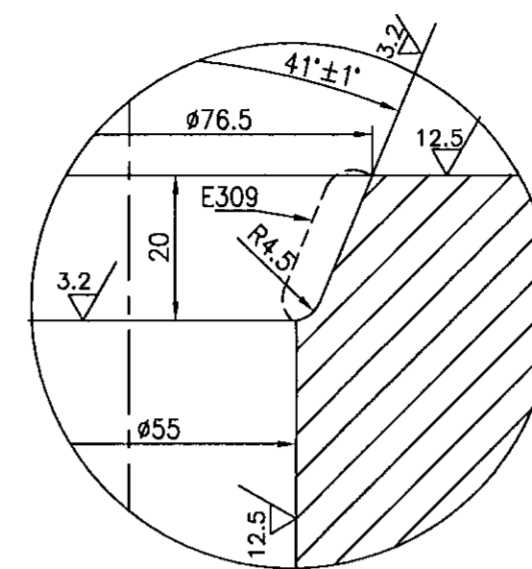
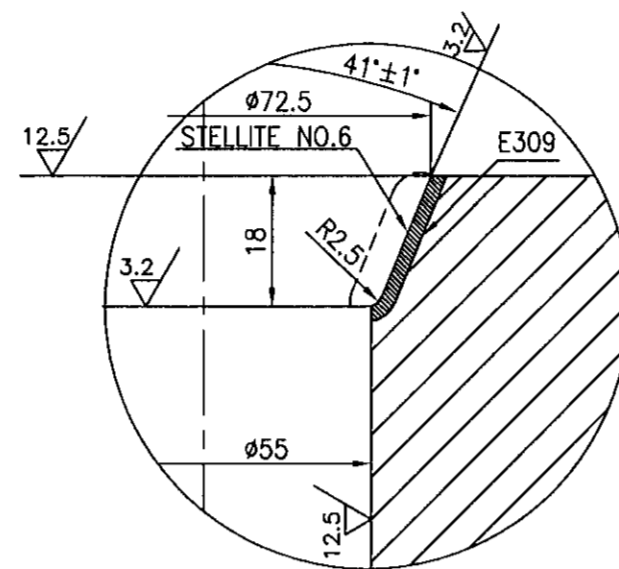
①

12.5/ 3.2/

MACHINING BEFORE
STELLITE-6 WELD

MACHINING BEFORE
BUFFER LAYER WELD

DETAIL-B



NOTES:-

- * MARKED TYPES ARE SPECIAL CLASS RATINGS.
- LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS

SL. NO.	DRAWING NO.	MATERIAL SPECIFICATION	COMP. CODE	SCRAP SORT
* 08	2-V-G152-15377/2	A217 WC9, NT	93 113 339 8000	20
* 07	2-V-G151-15377/2	A217 WC6, NT	93 113 338 8000	20
* 06	2-V-G150-15377/2	A216 WCC, AN	93 113 337 8000	10
* 05	2-V-G149-15377/2	A216 WCB, AN	93 113 336 8000	10
04	2-V-G148-15377/2	A217 WC9, NT	93 113 335 8000	20
03	2-V-G147-15377/2	A217 WC6, NT	93 113 334 8000	20
02	2-V-G146-15377/2	A216 WCC, AN	93 113 333 8000	10
01	2-V-G145-15377/2	A216 WCB, AN	93 113 332 8000	10

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

REDRAWN WITH REV NO.2 ON 4.12.04

DRN	NAME	SIGN	DATE	NO.OF VAR.
V.L.	V.BAIRAVAN		4.12.04	
CHD	K.RAJASEKARAN		4.12.04	
APPD	M.RAJKUMAR		4.12.04	

DEPT	SCALE	WEIGHT (KG)	REFERENCE INFORMATIONS	NO. OF ITEMS
VL	N.T.S		3-E32671 (2182) CAD:REF:T215377	

TITLE	CARD CODE	DRAWING NO.	REV
BODY (ROUGH)	U 01	2-V-0000-15377	2

REV	DATE	ALTERED	V.B
2	4.12.04	CHD & APPD	KRS&MRK

ZONE R309 BUFFER WELD INCLUDED

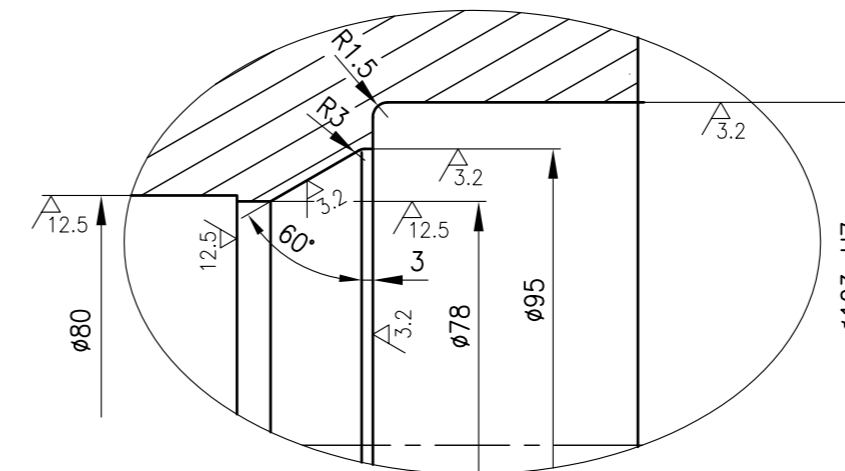
DCP No. 800397

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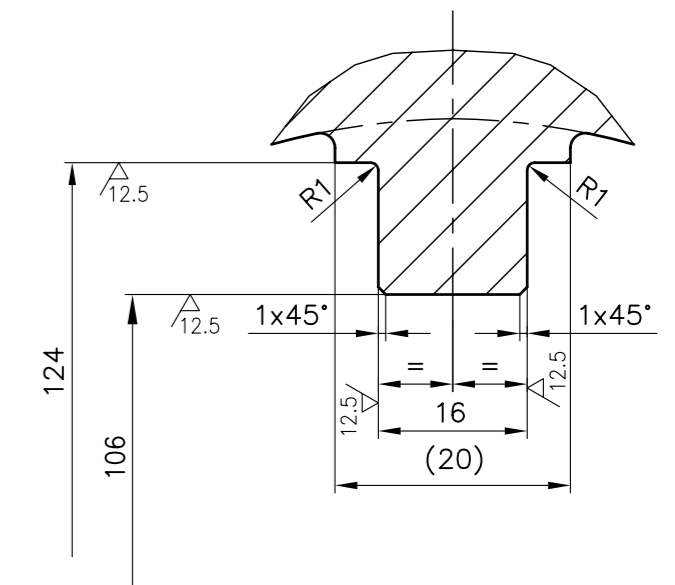
1 ∇ 12.5 ∇ 3.2

∇ 103H7	+0.035
	0

DETAIL-B
BEFORE WELDING SEAT RING

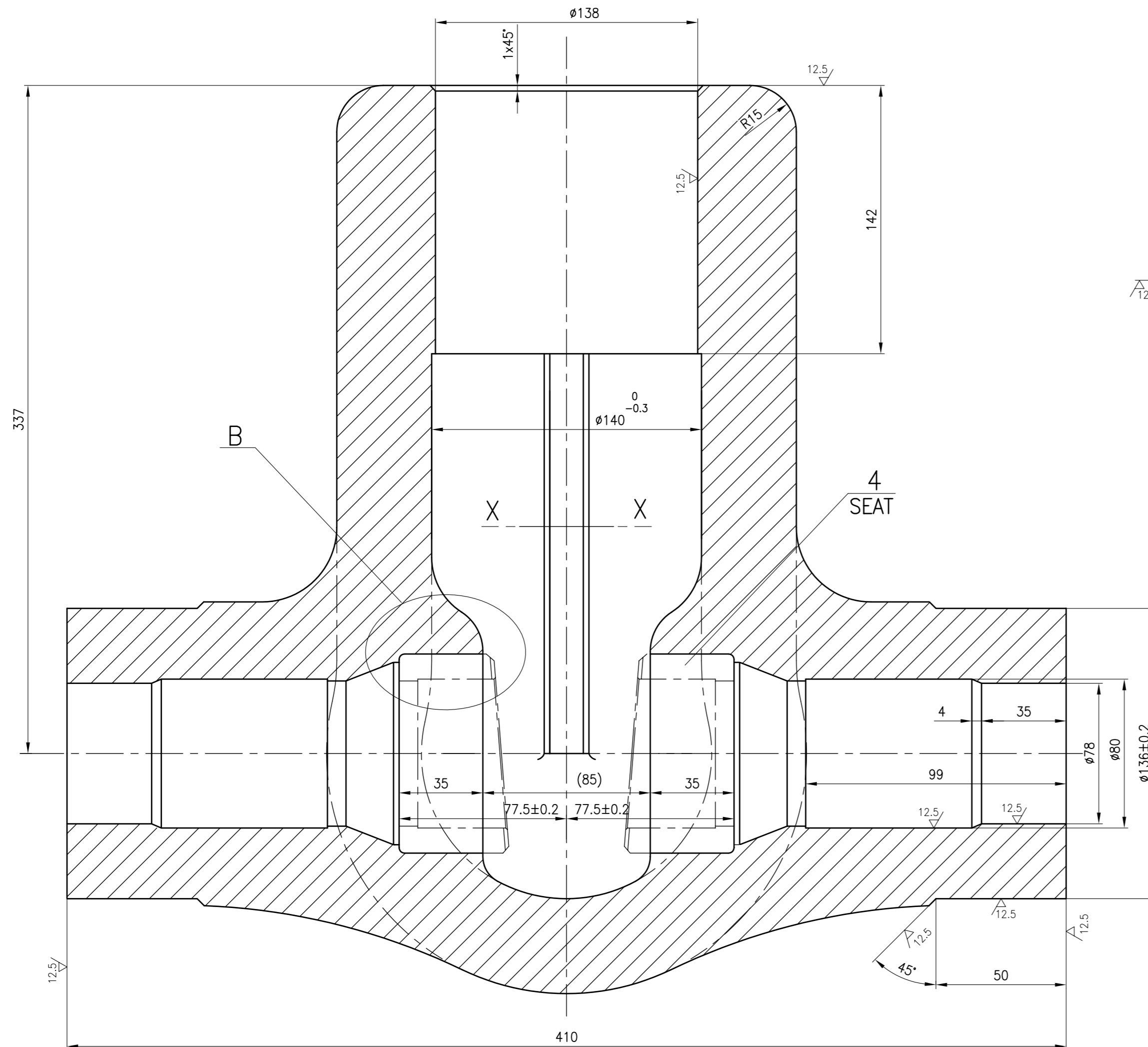


SECTION - XX



NOTES:

1. LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS.
2. * MARKED TYPES ARE SPECIAL CLASS RATINGS.



SL. No.	DRAWING No.	COMP. CODE	MATL. SPECN.	SCRAP SORT
*08	2-V-WA16-16597	931230618000	A217 WC9, ATTEST,NT	20
*07	2-V-WA15-16597	931230608000	A217 WC6, ATTEST,NT	20
*06	2-V-WA14-16597	931230598000	A216 WCC, ATTEST,AN	10
*05	2-V-WA13-16597	931230588000	A216 WCB, ATTEST,AN	10
04	2-V-WA12-16597	931230578000	A217 WC9, ATTEST,NT	20
03	2-V-WA11-16597	931230568000	A217 WC6, ATTEST,NT	20
02	2-V-WA10-16597	931230558000	A216 WCC, ATTEST,AN	10
01	2-V-WA09-16597	931230548000	A216 WCB, ATTEST,AN	10

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No
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TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

	BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI - 620014.		DRN	V.BAIRAVAN	SIGN	DATE	NO.OF VAR.
	DEPT	365-120	CHD	K.RAJASEKARAN		04.02.06	
	APPD	M.RAJKUMAR				04.02.06	

DEPT	VL	SCALE	WEIGHT (KG).	REFERENCE INFORMATION	NO. OF ITEMS
320		NTS		T216597	

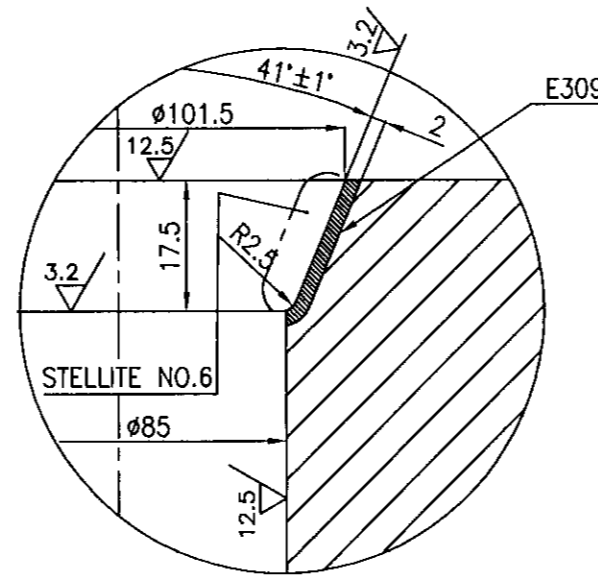
TITLE	CARD CODE	DRAWING NO. REFER TABLE	REV
BODY (ROUGH) 4"/1500 CLASS	U 01	2-V-0000-16597	0

REV	DATE	ALTERED
		CHD & APPD

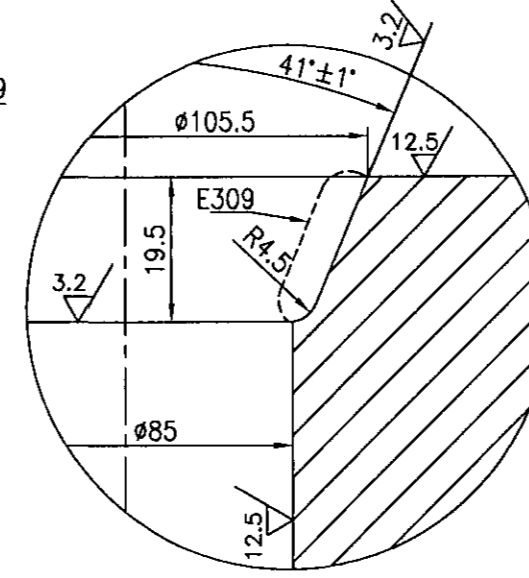
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DETAIL-A

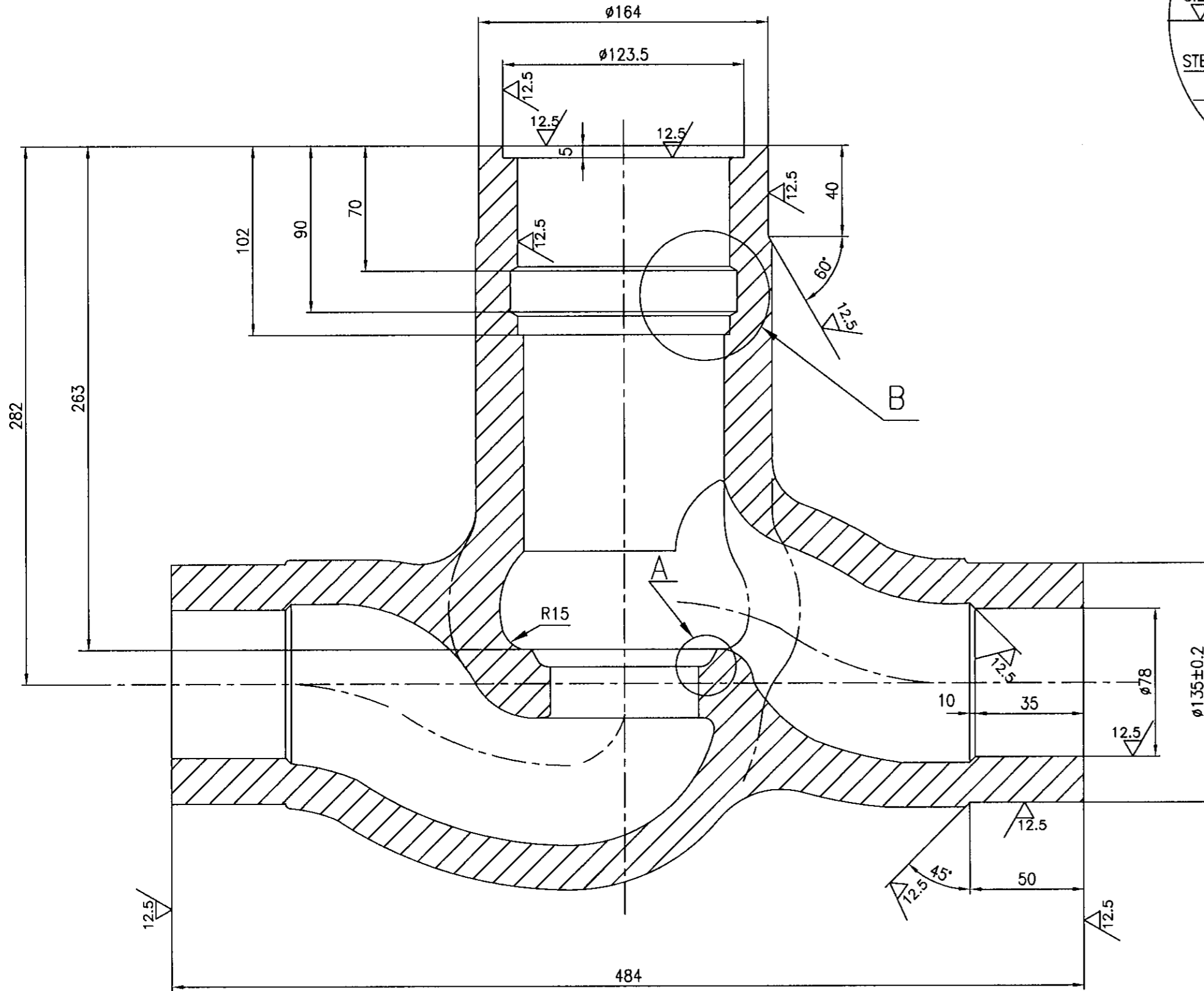
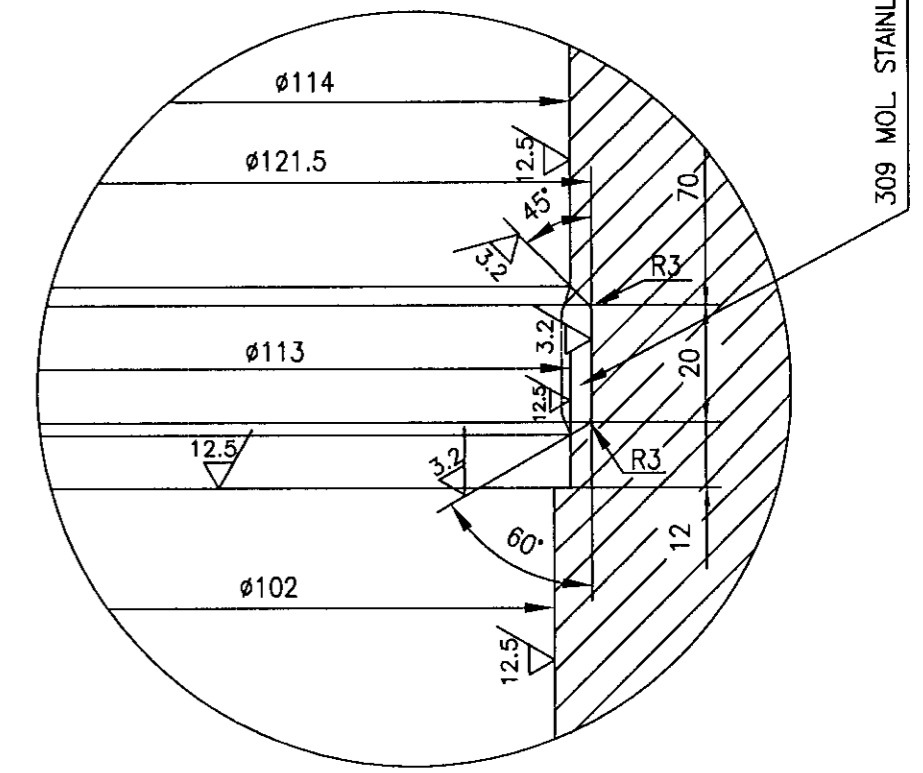
MACHINING BEFORE
STELLITE-6 WELD



MACHINING BEFORE
BUFFER LAYER WELD



DETAIL-B



NOTES:-

- 1.* MARKED TYPES ARE SPECIAL CLASS RATINGS.
2. LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS.

SL. NO.	DRAWING NO.	MATERIAL SPECIFICATION	COMP. CODE	SCRAP SORT
* 08	2-V-G023-15025/5	A217 WC9, NT	93 111 245 8000	20
* 07	2-V-G022-15025/5	A217 WC6, NT	93 111 244 8000	20
* 06	2-V-G021-15025/5	A216 WCC, AN	93 111 243 8000	10
* 05	2-V-G017-15025/5	A216 WCB, AN	93 111 242 8000	10
04	2-V-G007-15025/5	A217 WC9, NT	93 111 241 8000	20
03	2-V-G006-15025/5	A217 WC6, NT	93 111 240 8000	20
02	2-V-G005-15025/5	A216 WCC, AN	93 111 041 8000	10
01	2-V-G001-15025/5	A216 WCB, AN	93 111 040 8000	10

No OFF	DESCRIPTION	MATL CODE	MATL SPECH	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No
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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT: REDRAWN WITH REV NO.5 ON 04-12-04

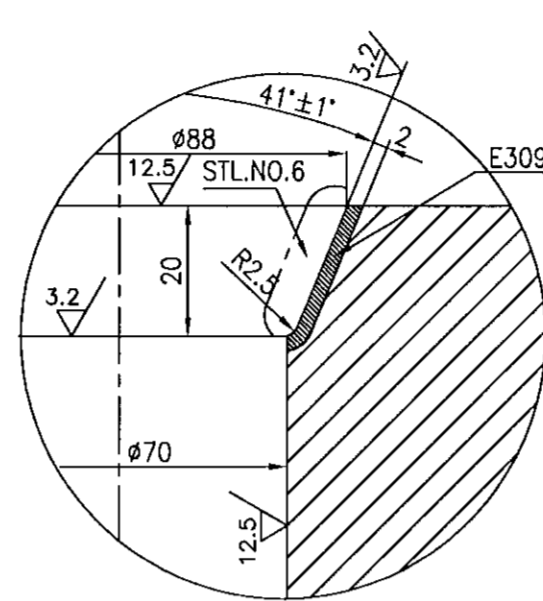
		NAME: V.BAIRAVAN SIGN: [Signature] DATE: 04-12-04 NO. OF VAR.:	
BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT, TIRUCHIRAPALLI - 620014.		DRN: V.BAIRAVAN CHD: K.RAJASEKARAN APPD: M.RAJKUMAR DATE: 04-12-04	
DEPT: VL	SCALE: N.T.S	WEIGHT (KG):	REFERENCE INFORMATION: 3-E26067 (0215)
CODE: 320			CAD: REF: T215025
TITLE: BODY (ROUGH MACHINING DRG.)	CARD CODE: U 01	DRAWING NO: 2-V-0000-15025	NO. OF REV: 5

REV 5	DATE 04-12-04	ALTERED V.B
ZONE	CHD & APPD	KRS&M.R.K
E309 BUFFER WELD INCLUDED		
DCP No. 800397		

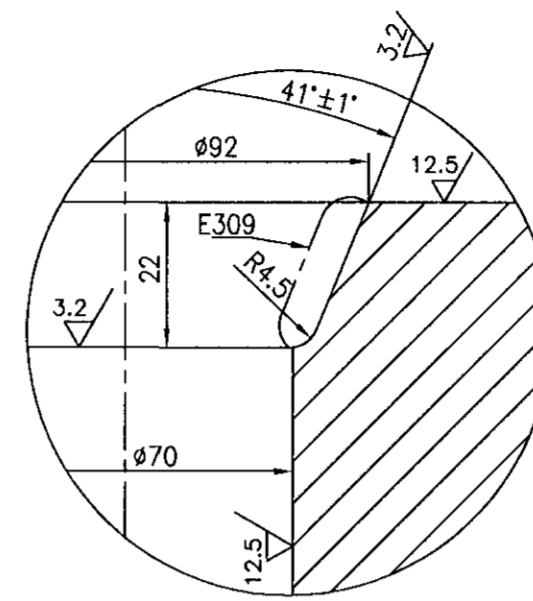
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DETAIL-A

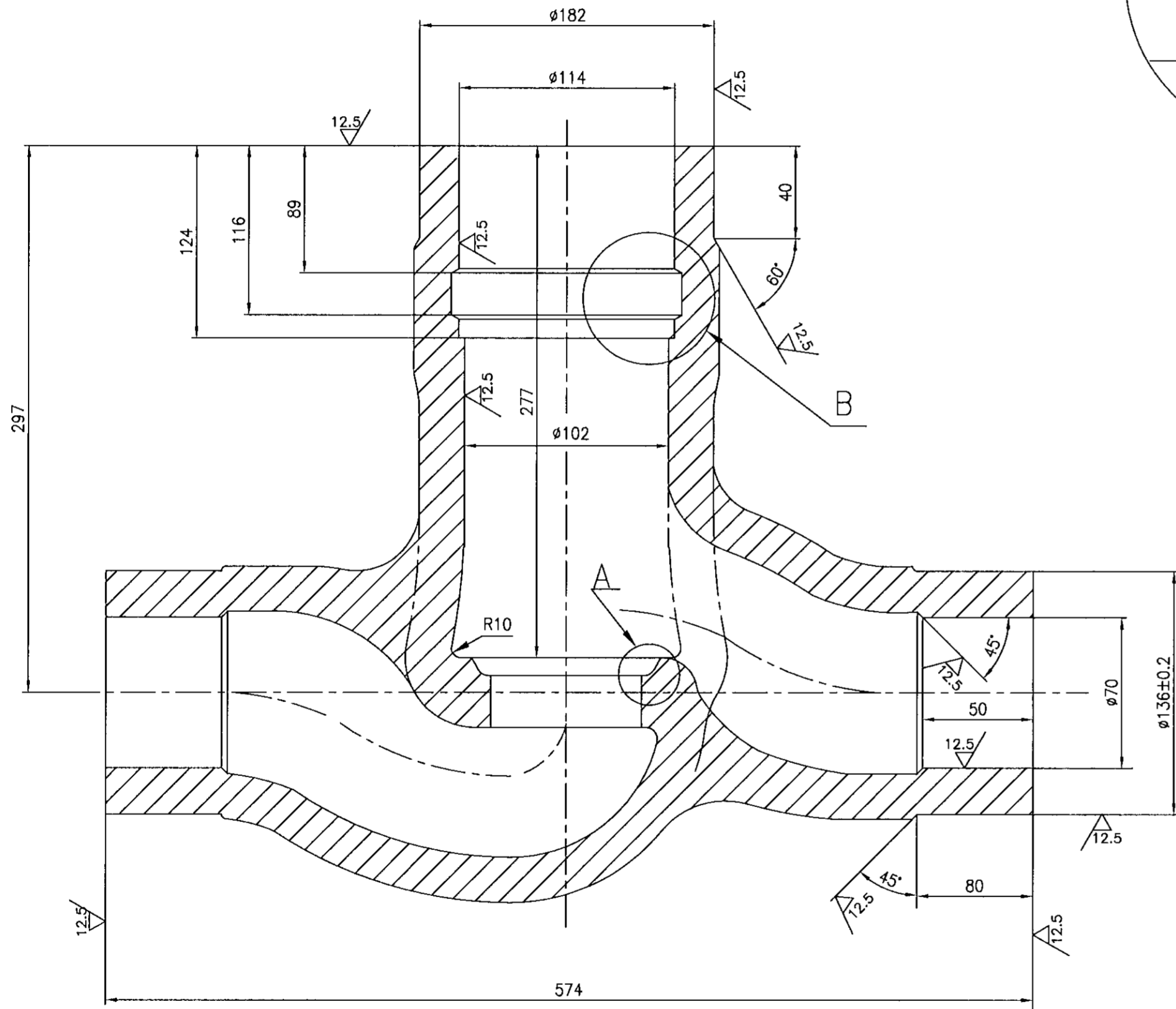
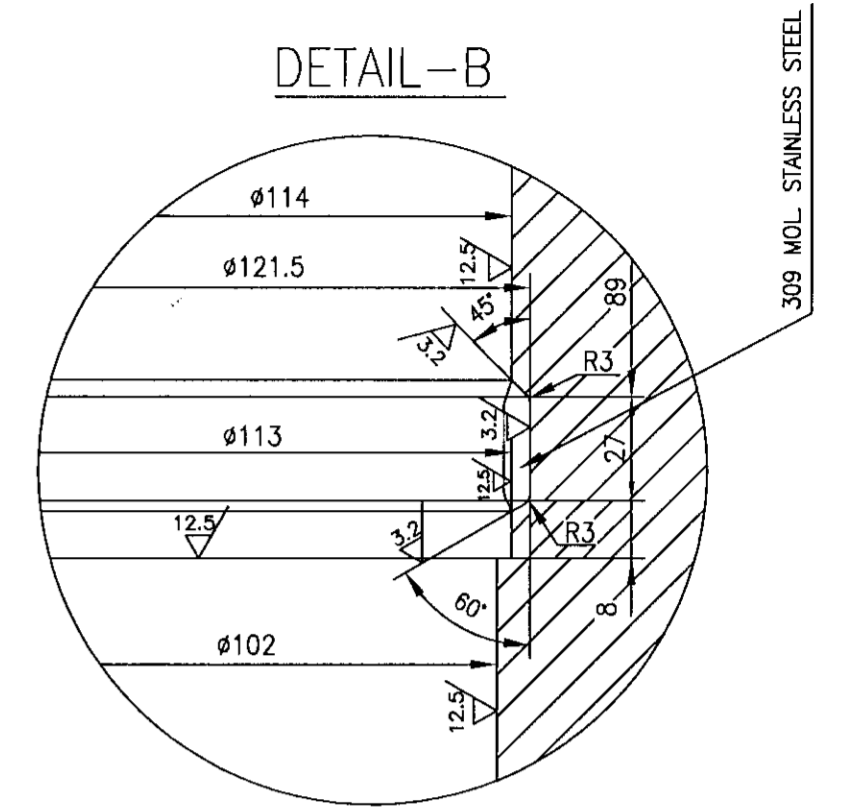
MACHINING BEFORE
STELLITE-6 WELD



MACHINING BEFORE
BUFFER LAYER WELD



DETAIL-B



NOTES:-

- * MARKED TYPES ARE SPECIAL CLASS RATINGS.
- LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS

SL. NO.	DRAWING NO.	MATERIAL SPECIFICATION	COMP. CODE	SCRAP SORT
* 08	2-V-G029-15036/3	A 217 WC9, NT	93 111 274 8000	20
* 07	2-V-G028-15036/3	A 217 WC6, NT	93 111 273 8000	20
* 06	2-V-G027-15036/3	A 216 WCC, AN	93 111 272 8000	10
* 05	2-V-G019-15036/3	A 216 WCB, AN	93 111 271 8000	10
04	2-V-G013-15036/3	A 217 WC9, NT	93 111 270 8000	20
03	2-V-G012-15036/3	A 217 WC6, NT	93 111 269 8000	20
02	2-V-G011-15036/3	A 216 WCC, AN	93 111 268 8000	10
01	2-V-G003-15036/3	A 216 WCB, AN	93 111 267 8000	10

No OFF	DESCRIPTION	MATL CODE	MATL SPECH	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used, directly or indirectly in any way detrimental to the interest of the company.

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT: REDRAWN WITH REV.No.3 ON 04-12-04

DRN	V.BAIRAVAN	SIGN	DATE	NO.OF VAR.
CHD	K.RAJASEKARAN		04-12-04	
APPD	M.RAJKUMAR		04-12-04	

BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT, TIRUCHIRAPALLI - 620014.

DEPT: VL, SCALE: N.T.S., WEIGHT (KG):

REFERENCE INFORMATION: 3-E25621 (0328), CAD:REF:T215036

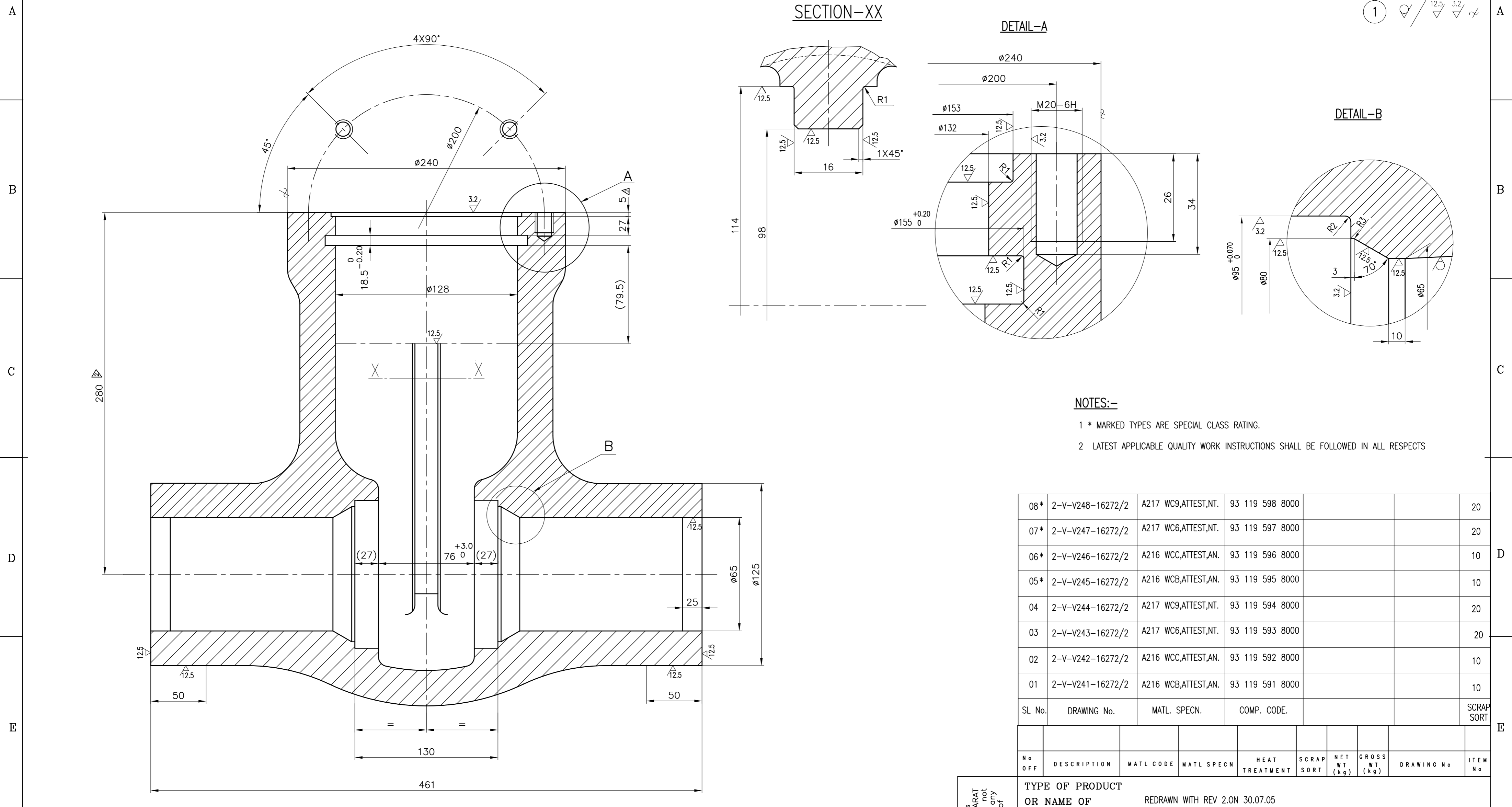
TITLE: BODY (ROUGH) 4"/2500 CL.

CARD CODE: U 01, DRAWING NO. REF:TABLE 2-V-0000-15036, REV: 3

REV	DATE	ALTERED	V.B
3	04-12-04	CHD & APPD	KRS&MRK
ZONE: E309 BUFFER WELD INCLUDED			
DCP No. 800397			

DRAWING NO. 2-V-0000-16272/2

ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP



- NOTES:-**
- 1 * MARKED TYPES ARE SPECIAL CLASS RATING.
 - 2 LATEST APPLICABLE QUALITY WORK INSTRUCTIONS SHALL BE FOLLOWED IN ALL RESPECTS

08*	2-V-248-16272/2	A217 WC9,ATTEST,NT.	93 119 598 8000		20
07*	2-V-247-16272/2	A217 WC6,ATTEST,NT.	93 119 597 8000		20
06*	2-V-246-16272/2	A216 WCC,ATTEST,AN.	93 119 596 8000		10
05*	2-V-245-16272/2	A216 WCB,ATTEST,AN.	93 119 595 8000		10
04	2-V-244-16272/2	A217 WC9,ATTEST,NT.	93 119 594 8000		20
03	2-V-243-16272/2	A217 WC6,ATTEST,NT.	93 119 593 8000		20
02	2-V-242-16272/2	A216 WCC,ATTEST,AN.	93 119 592 8000		10
01	2-V-241-16272/2	A216 WCB,ATTEST,AN.	93 119 591 8000		10
SL No.	DRAWING No.	MATL. SPECN.	COMP. CODE.		SCRAP SORT

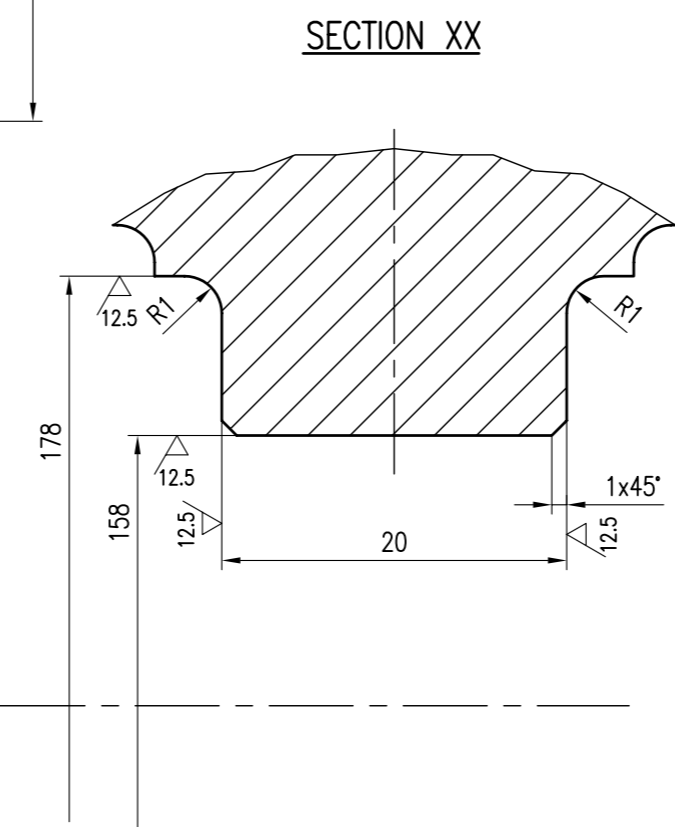
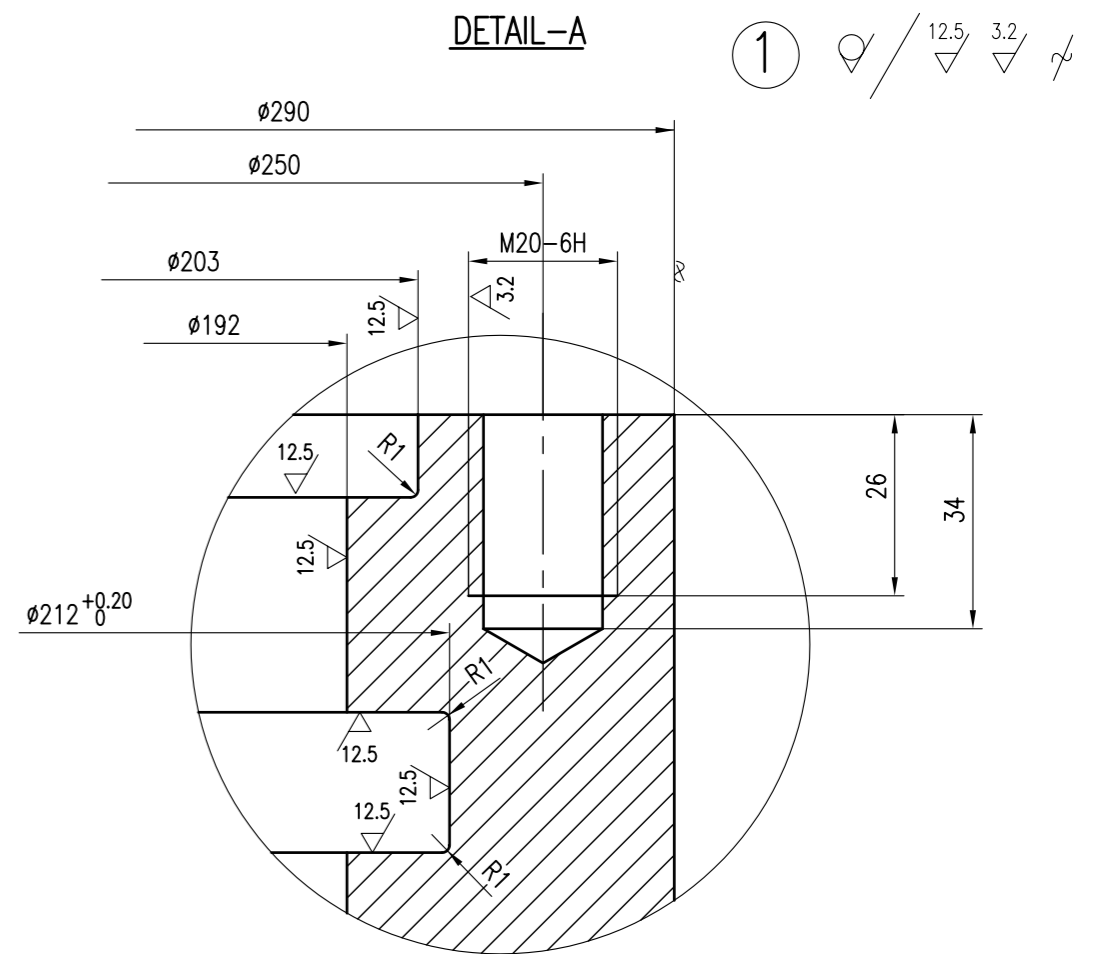
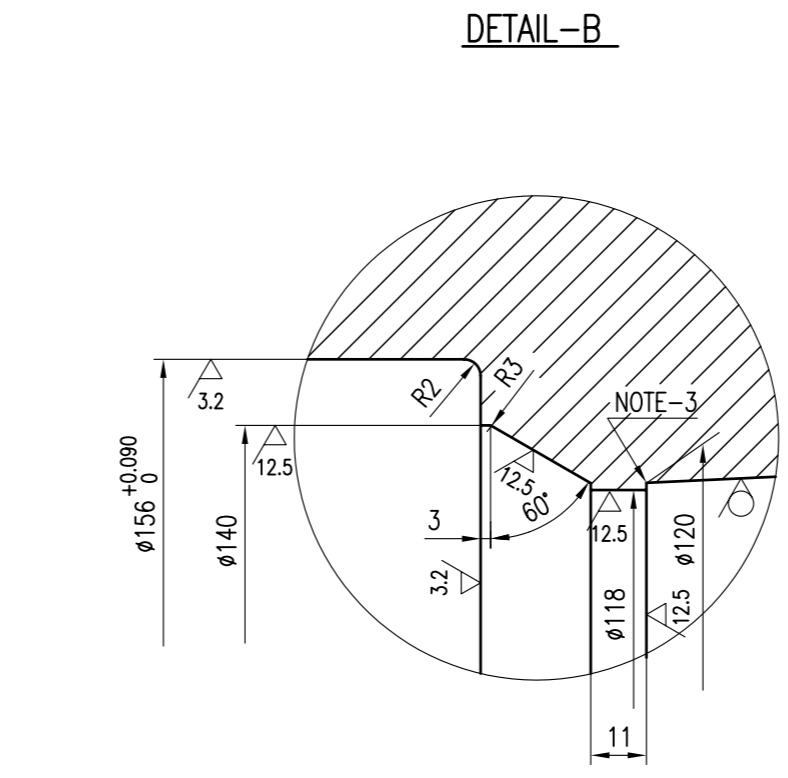
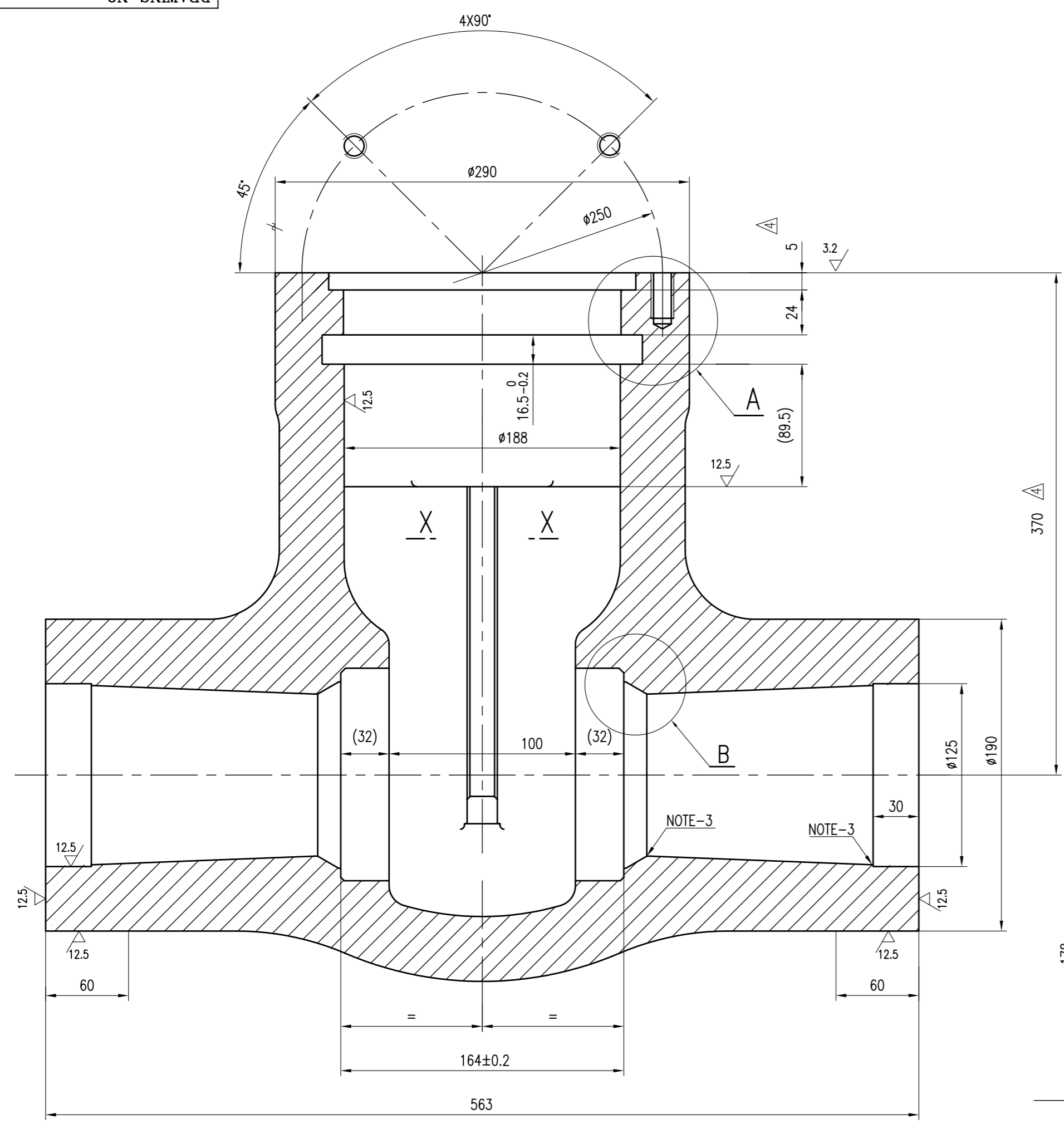
No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT REDRAWN WITH REV 2.ON 30.07.05									
DEPT V L		SCALE N T S		WEIGHT (KG) 92		REFERENCE INFORMATIONS TOA DRG No. : 3-035117(527) CAD REF No. : T216272			
CODE 320		TITLE BODY (ROUGH)		CARD CODE U 01		DRAWING NO. 2-V-0000-16272		REV 2	

REV 2	DATE 30.7.05	ALTERED :VB
ZONE	M20-6H X 4 NoS OF TAPPED HOLES INTRODUCED DIMENSIONS 280 & 5 WERE 282 & 7 RESPECTIVELY DCP.No.800494	

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DRAWING NO. 2-V-0000-16186/4

ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP



- NOTES:-**
- *MARKED TYPES ARE SPECIAL CLASS RATING.
 - LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS
 - SMOOTHLY MERGE WITH CASTING BORE.

SL No.	DRAWING No.	COMP CODE.	MATL. SPECN.	SCRAP SORT
08*	2-V-V088-16186/4	93 119 534 8000	A217 WC9,ATTEST,NT.	20
07*	2-V-V087-16186/4	93 119 533 8000	A217 WC6,ATTEST,NT.	20
06*	2-V-V086-16186/4	93 119 532 8000	A216 WCC,ATTEST,AN.	10
05*	2-V-V085-16186/4	93 119 531 8000	A216 WCB,ATTEST,AN.	10
04	2-V-V084-16186/4	93 119 530 8000	A217 WC9,ATTEST,NT.	20
03	2-V-V083-16186/4	93 119 529 8000	A217 WC6,ATTEST,NT.	20
02	2-V-V082-16186/4	93 119 528 8000	A216 WCC,ATTEST,AN.	10
01	2-V-V081-16186/4	93 119 527 8000	A216 WCB,ATTEST,AN.	10

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No

TYPE OF PRODUCT REDRAWN WITH REV.4 ON 30.07.05
OR NAME OF CUSTOMER/PROJECT

	BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI-620014.	DRN V.BAIRAVAN.	SIGN	DATE 30.07.05	NO.OF VAR.
		CHD K.RAJASEKARAN		30.07.05	
		APPD M.RAJAKUMAR		30.07.05	

DEPT V L	SCALE NTS	WEIGHT (KG). 155	REFERENCE INFORMATION TOA DRAWING No. 3-035089(022) CAD REFERENCE No.T216186	NO. OF ITEMS
CODE 320			DRAWING NO. 2-V-0000-16186	REV 4

TITLE BODY (ROUGH)
6"/1500 CLASS

CARD CODE U 01

REV 4	DATE 30.07.05	ALTERED :VB CHD & APPD :KRS&MRK
ZONE	M20-6H X 4 NoS OF TAPPED HOLES INTRODUCED DIMENSIONS 370 & 5 WERE 372 & 7 RESPECTIVELY DCP NO:800494	

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DRAWING NO. 2-V-0000-16487/1

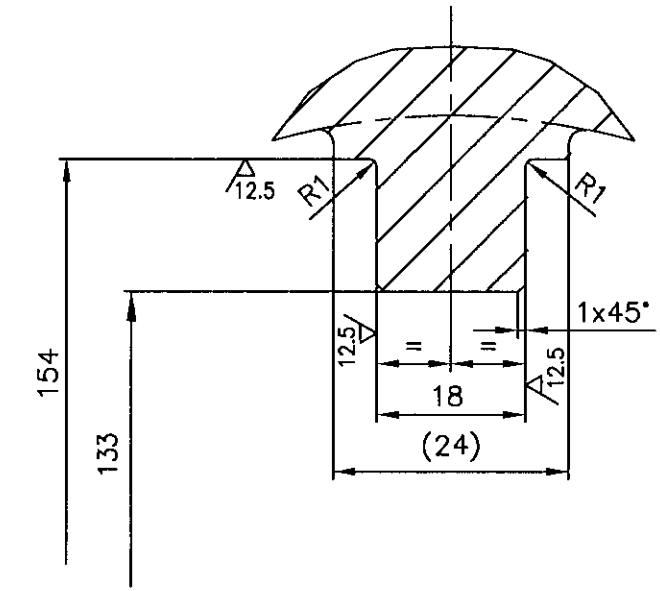
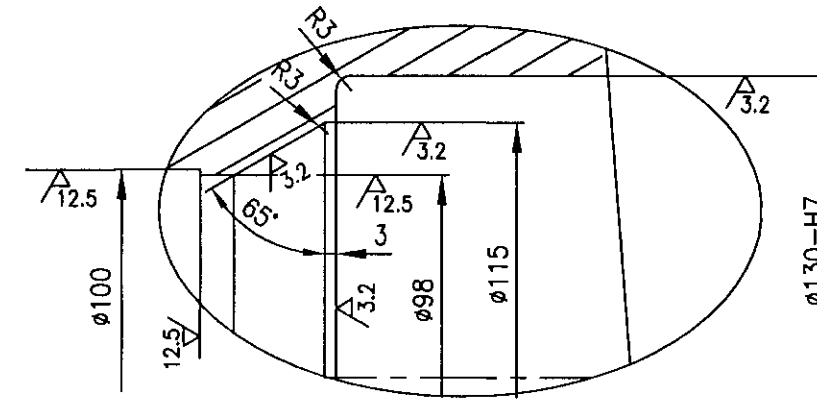
ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP

① $\nabla/12.5$ $\nabla/3.2$

$\phi 130$ H7	+0.040
	0

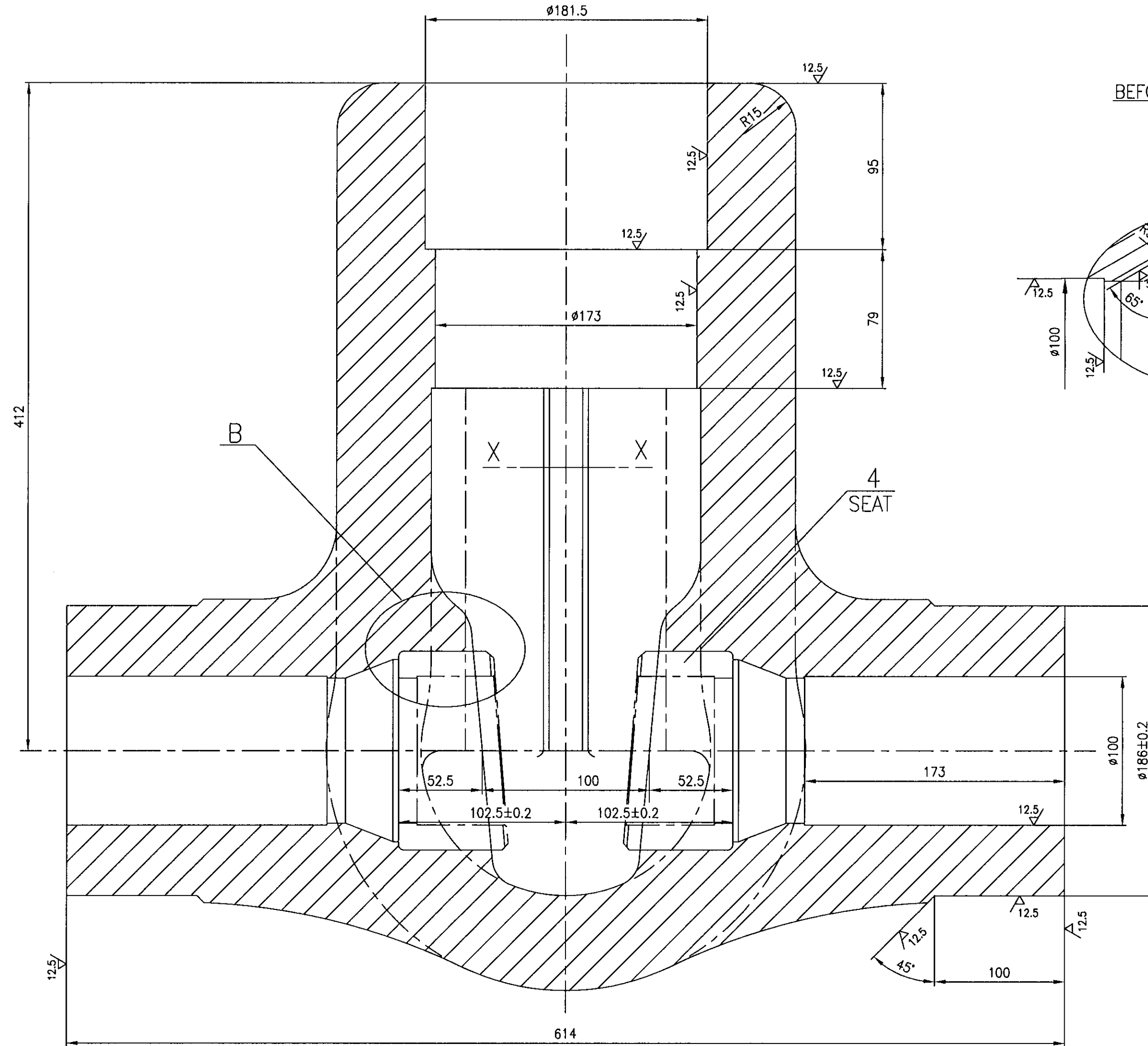
DETAIL-B
BEFORE WELDING SEAT RING

SECTION - XX



NOTES:

- LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS.
- * MARKED TYPES ARE SPECIAL CLASS RATINGS.



SL. No.	DRAWING No.	COMP. CODE	MATL. SPECN.	SCRAP SORT	
*08	2-V-W248-16487	931215988000	A217 WC9, ATTEST,NT	20	
*07	2-V-W247-16487	931215978000	A217 WC6, ATTEST,NT	20	
△ *06	2-V-W246-16487/1	931215968000	A216 WCC, ATTEST,AN	10	
*05	2-V-W245-16487	931215958000	A216 WCB, ATTEST,AN	10	
04	2-V-W244-16487	931215948000	A217 WC9, ATTEST,NT	20	
03	2-V-W243-16487	931215938000	A217 WC6, ATTEST,NT	20	
△ 02	2-V-W242-16487/1	931215928000	A216 WCC, ATTEST,AN	10	
01	2-V-W241-16487	931215918000	A216 WCB, ATTEST,AN	10	

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

	BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI - 620014.		DRN	V.BAIRAVAN	SIGN	DATE	NO.OF VAR.
			CHD	K.RAJASEKARAN		26.03.04	
			APPD	M.RAJKUMAR		26.03.04	

DEPT	VL	SCALE	WEIGHT (KG).	REFERENCE INFORMATION	NO. OF ITEMS
		NTS	130	2V016487	

TITLE	CARD CODE	DRAWING NO. REFER TABLE	REV
BODY (ROUGH) 6"/2500 CLASS	U 01	2-V-0000-16487	1

REV	DATE	ALTERED VB
1	30.07.04	CHD & APPD MRK
ZONE		IN SL.NOS. 02 & 06 A216 WCC WAS A217 WCC
		DCP No.800345

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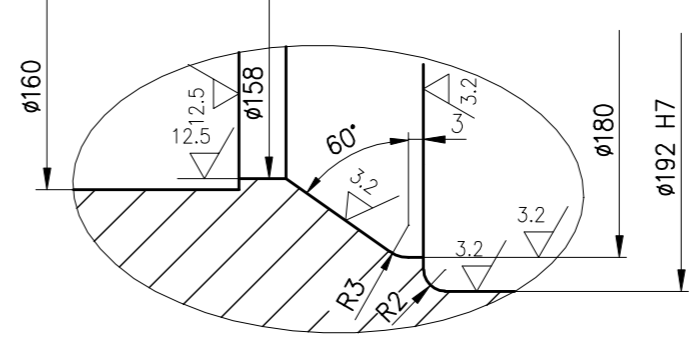
DRAWING NO. 2-V-000-16085/1

ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP

1

12.5 3.2

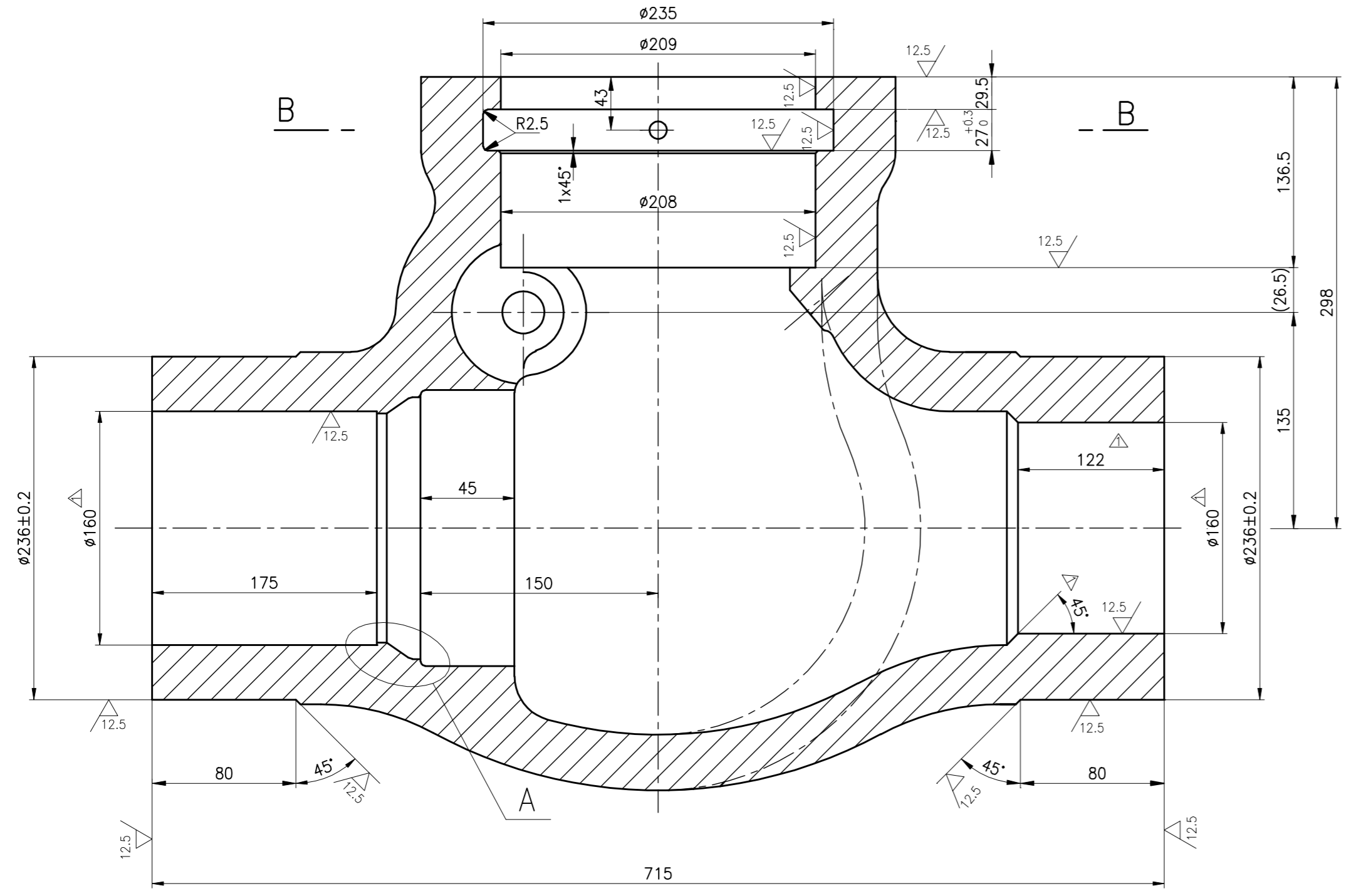
DETAIL A



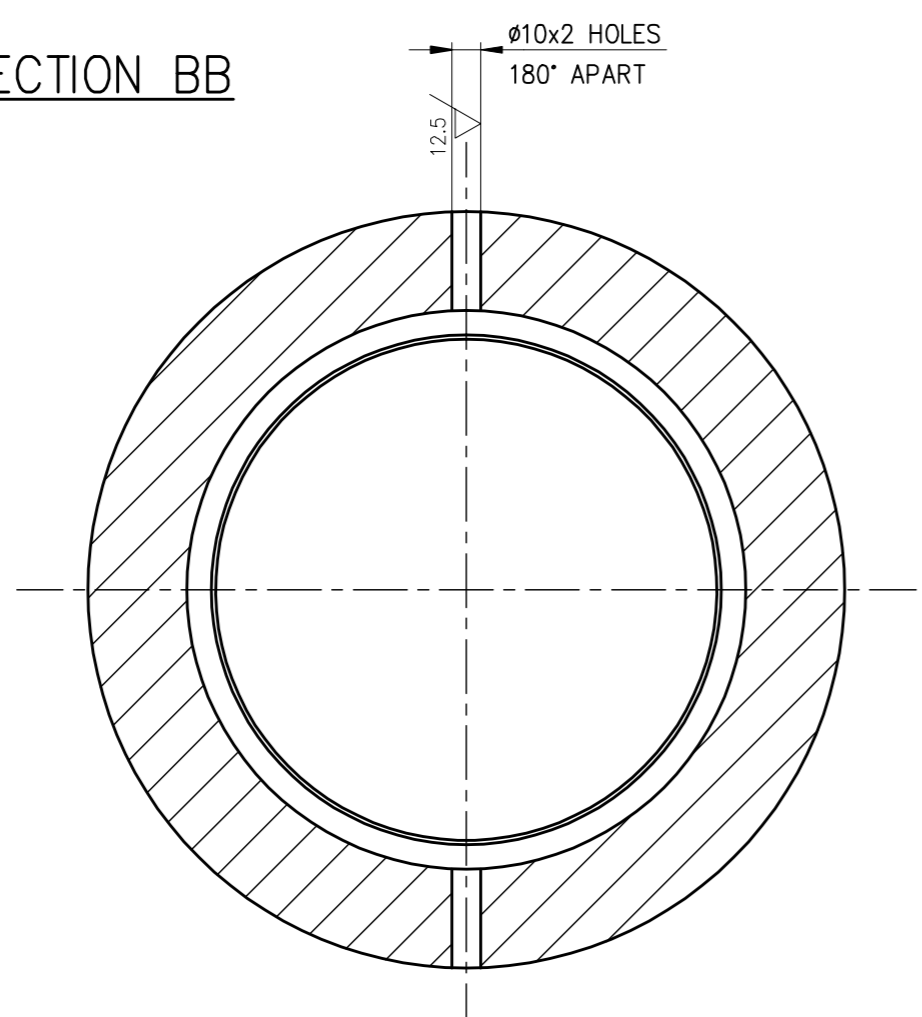
Ø192H7	+0.046
	0

NOTES:

- * MARKED TYPES ARE SPECIAL CLASS RATINGS.
- LATEST APPLICABLE QUALITY PROCEDURE SHALL BE FOLLOWED IN ALL RESPECTS.



SECTION BB



*08	2-V-L368-16085/1	A217 WC9,NT, ATTEST	93 119 330 8000		20
*07	2-V-L367-16085/1	A217 WC6,NT, ATTEST	93 119 329 8000		20
*06	2-V-L366-16085/1	A216 WCC,AN, ATTEST	93 119 328 8000		10
*05	2-V-L365 16085/1	A216 WCB,AN, ATTEST	93 119 327 8000		10
04	2-V-L364-16085/1	A217 WC9,NT, ATTEST	93 119 326 8000		20
03	2-V-L363-16085/1	A217 WC6,NT, ATTEST	93 119 325 8000		20
02	2-V-L362-16085/1	A216 WCC,AN, ATTEST	93 119 324 8000		10
01	2-V-L361-16085/1	A216 WCB,AN, ATTEST	93 119 323 8000		10

SL No.	DRAWING No.	MATERIAL SPECN.	COMP. CODE	SCRAP SORT					
No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No

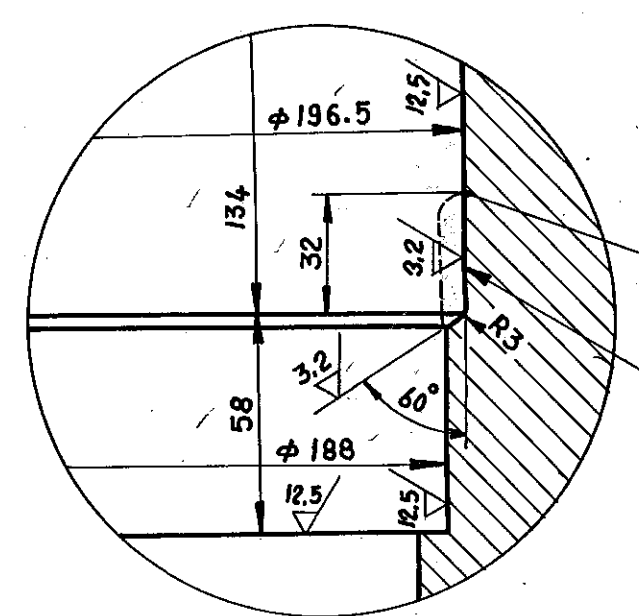
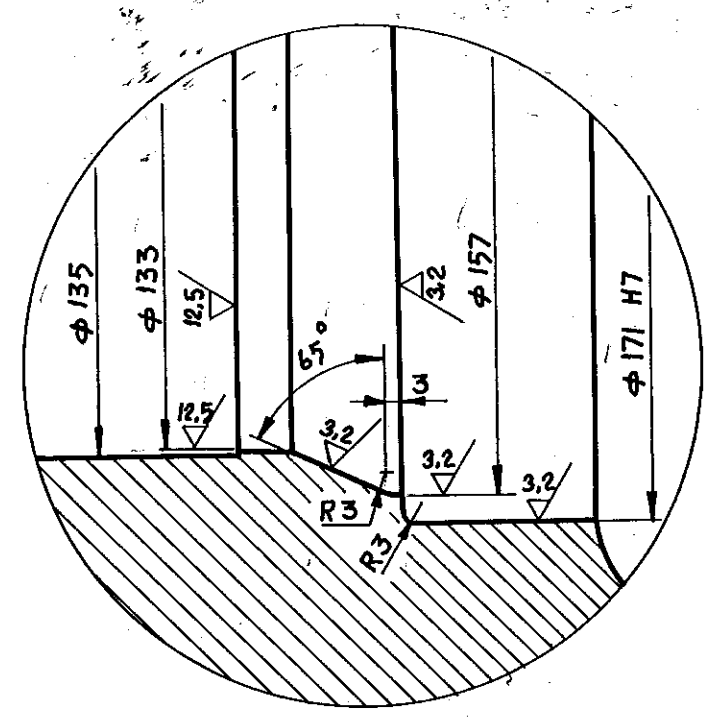
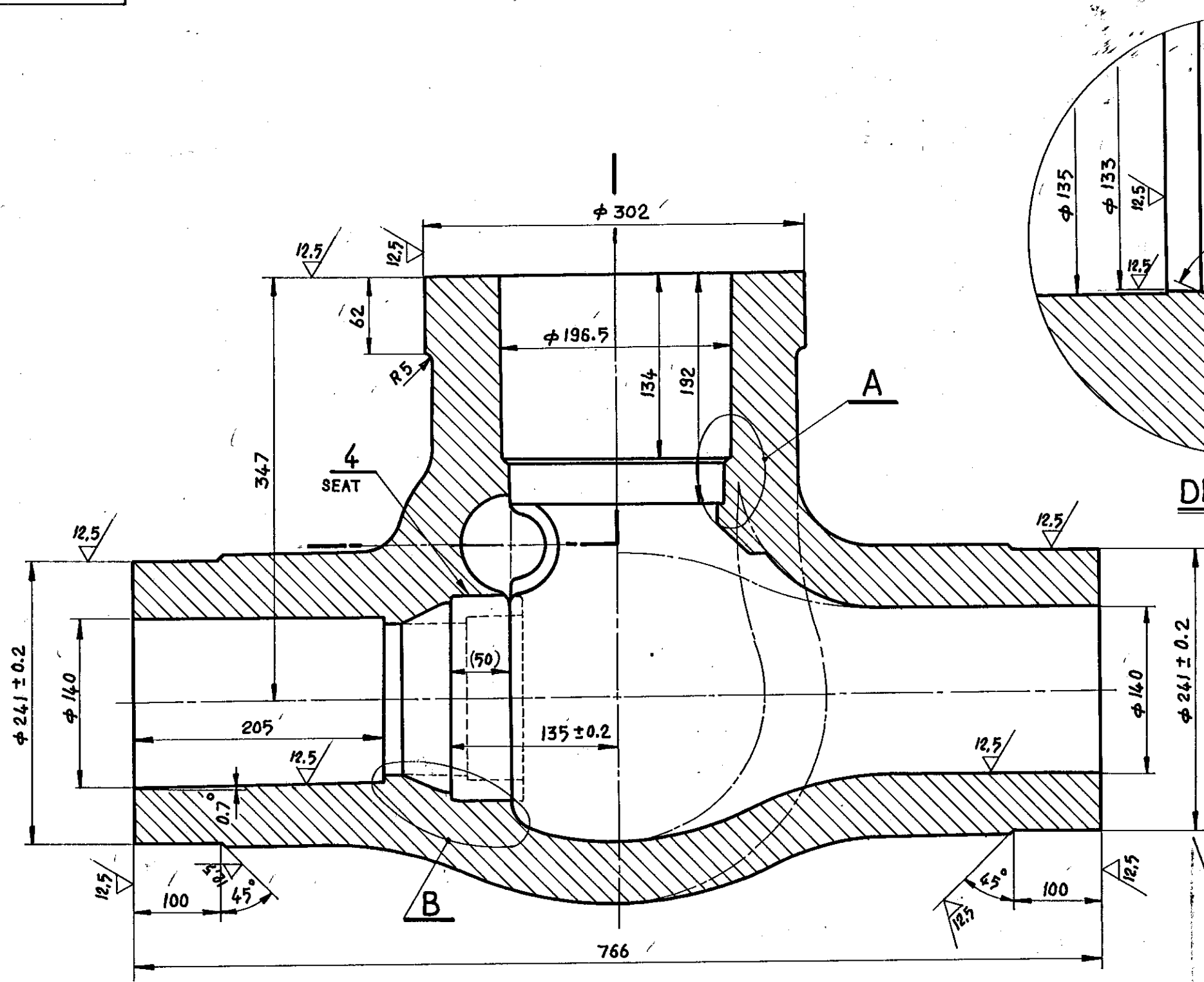
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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		TA						
		BHARAT HEAVY ELECTRICALS LTD. UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI - 620014.		DRN	R.KALYAN	SIGN	DATE	NO.OF VAR.
365-120		SCALE		WEIGHT (KG).		REFERENCE INFORMATION		NO. OF ITEMS
DEPT	VL	N T S						
CODE	320	TITLE		CARD CODE	DRAWING NO.		REV	
		BODY (ROUGH)		U 01	2-V-0000-16085		1	
		200mm/1500 CLASS						

REV	DATE	ALTERED VB
1	25.07.11	CHD & APPDSSK & KRS
ZONE		DIMENSION Ø160 WAS Ø165 ANGLE DIMENSION 0.82° INLET SIDE DELETED. DIMENSIONS 122 & 45° INCLUDED ON THE OUTLET SIDE. DCP No.801203

2-V-0000-15035/01
DRAWING NO. REFER TABLE

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$\phi 171 H7 \begin{matrix} +0.040 \\ 0 \end{matrix}$

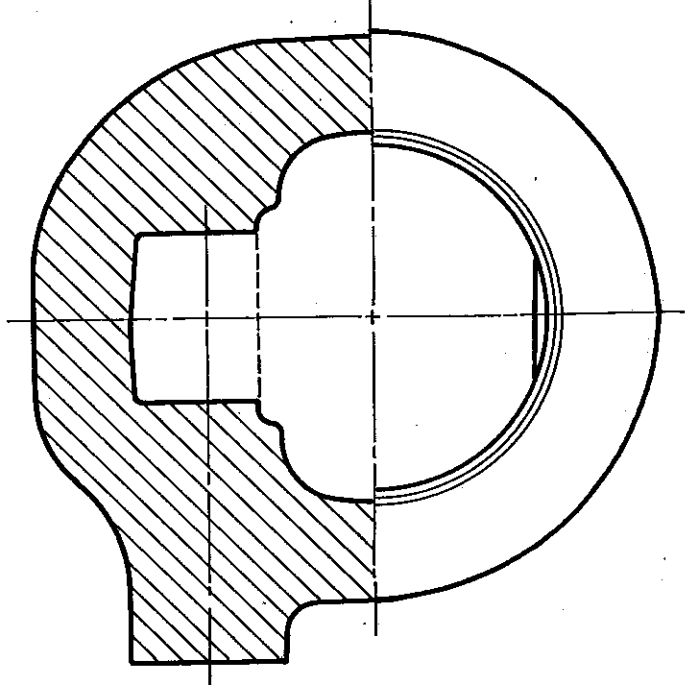
R 0.5 U NOTCH - DEPTH 0.5

309 MoLSTAINLESS STEEL

MI 956824

2-V-L021-15035	A217 WCB, ATTEST, NT.	93111 841 8000			20
2-V-L020-15035	A 217 WCB, ATTEST, NT.	93111 840 8000			20
2-V-L019-15035	A216 WCC, ATTEST, AN.	93111 839 8000			10
2-V-L014-15035	A216 WCB, ATTEST, AN.	93111 838 8000			10
2-V-L009-15035	A217 WCB, ATTEST, NT.	93111 837 8000			20
2-V-L008-15035	A 217 WCB, ATTEST, NT.	93111 836 8000			20
2-V-L007-15035	A216 WCC, ATTEST, AN.	93111 835 8000			10
2-V-L002-15035	A216 WCB, ATTEST, AN.	93111 834 8000			10
ROUGH MACHINING DRAWING No.	MATL. SPECN.	COMP. CODE			SCRAP SORT

UNSPECIFIED TOLERANCE



- NOTE :-**
- * MARK INDICATES SPECIAL CLASS RATINGS.
 - LATEST APPLICABLE QUALITY PROCEDURE SHALL BE FOLLOWED IN ALL RESPECTS.

BHARAT HEAVY ELECTRICALS LTD.
BOILER PLANT UNIT, TIRUCHIRAPALLI-620 014

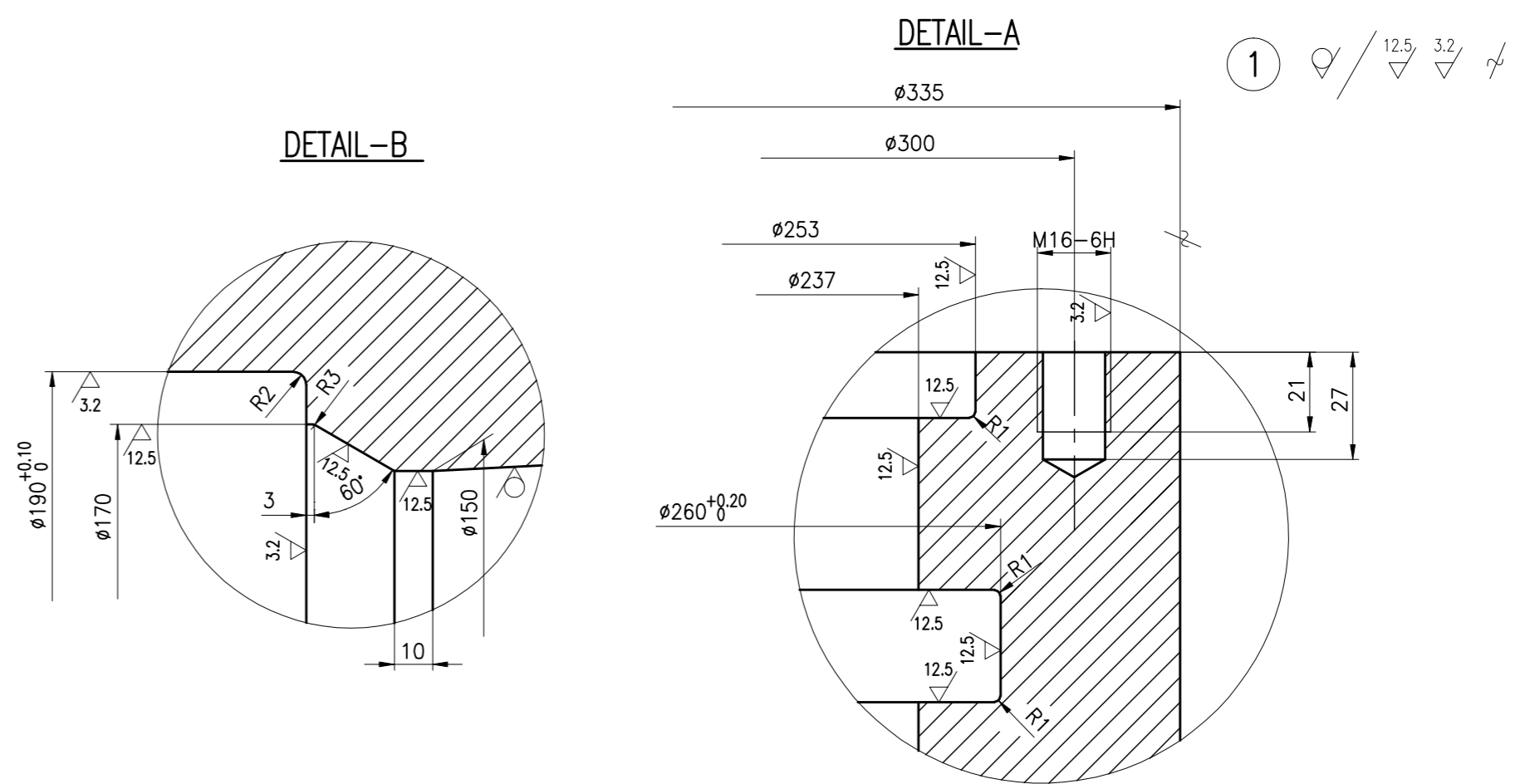
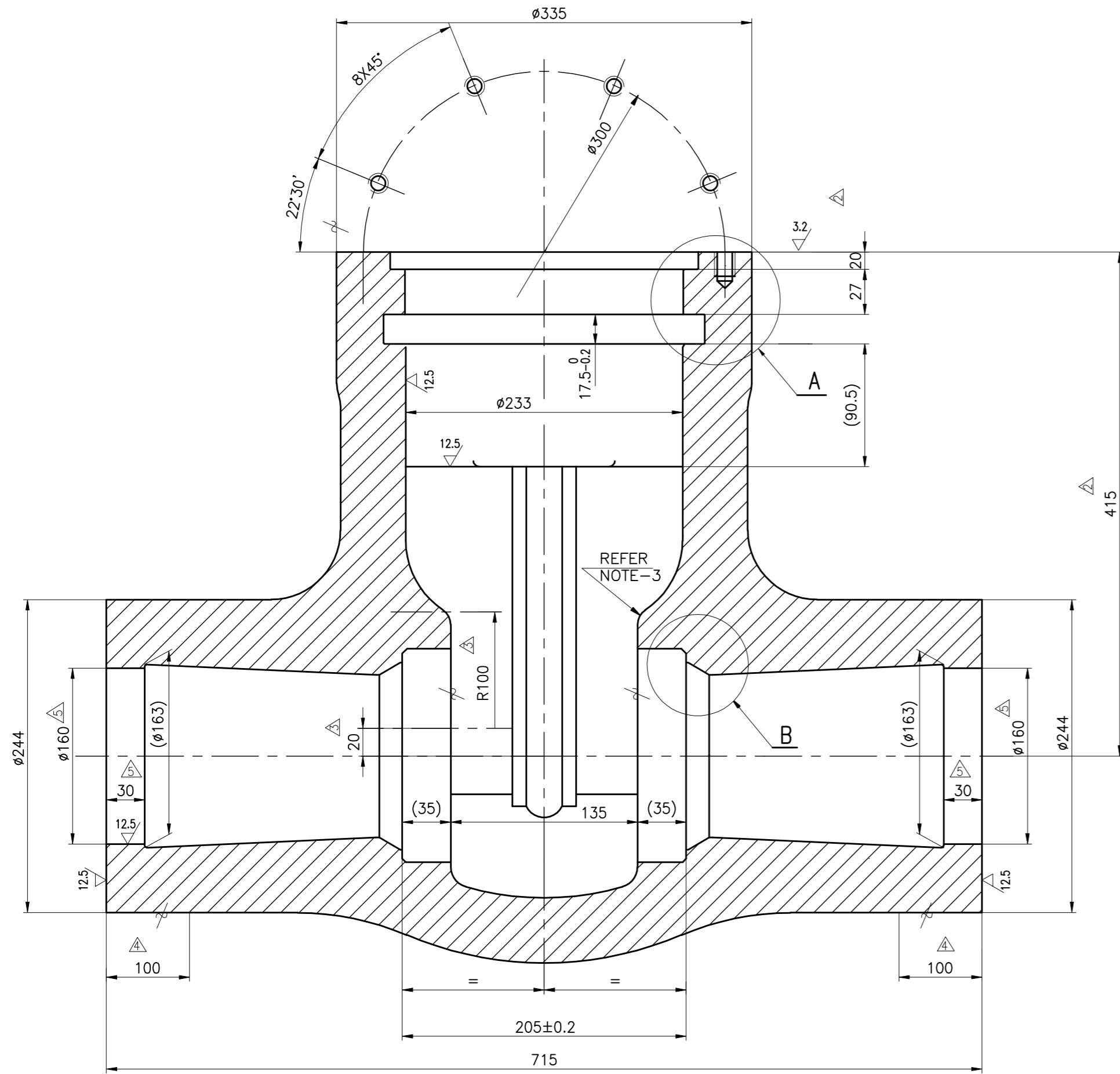
DEPT VL CODE 320 SCALE NTS WEIGHT (KG) REF. TO ASSY. DRG 3-E25620 (0287) IT NO.

TITLE **BODY** (ROUGH MACHINING DRG.) 200/2500 CL. DRAWING NO. 2-V-0000-15035

DRAWN K.N.C. 18/12/84
CHECKED M.R.K. 19/12/84
APPROVED V. BABU 19/12/84

SIZE A2

REV.	DATE	ALTERED	BY
01	20-11-96	CHE & APPD.	M.R.K.
ZONE NOTES UPDATED. DCN No. TA0712			



NOTES:-

- * MARKED TYPES ARE SPECIAL CLASS RATING.
- LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS
- DIMENSIONS R100 AND 20 INCLUDED FOR CONDITIONAL MACHINING. CARE SHOULD BE TAKEN TO REMOVE THE PIP TOTALLY ON THE TOP HALF AND NOT TO DIG ON THE BOTTOM HALF.

REV	DATE	ALTERED	ZONE	REV	DATE	ALTERED	ZONE	REV	DATE	ALTERED	ZONE	REV	DATE	ALTERED	ZONE
5	25.07.11	CHD & APPD : SSK & KRS		4	27.01.10	CHD & APPD : KRS&MRK		3	02.09.08	CHD & APPD : KRS&MRK		2	30.07.05	CHD & APPD : KRS&MRK	
		DIMENSIONS 160 & 30 WERE 165 & 25				INLET AND OUTLET OD CONDITIONAL MACHINING INTRODUCED.				DIMENSIONS R100 AND 20 INCLUDED. NOTE 03 INCLUDED.				M16-6H X 8 NoS. OF TAPPED HOLES INTRODUCED DIMENSIONS 415 & 20 WERE 417 & 22 RESPECTIVELY	
		DCP No.801203				DCP No.801025				DCP No.800857				DCP.NO.800494	

SL No.	DRAWING No.	MATL. SPECN.	COMP. CODE.	SCRAP SORT
08*	2-V-V112-16187/5	A217 WC9,ATTEST,NT.	93 119 5268000	20
07*	2-V-V111-16187/5	A217 WC6,ATTEST,NT.	93 119 5258000	20
06*	2-V-V110-16187/5	A216 WCC,ATTEST,AN.	93 119 5248000	10
05*	2-V-V109-16187/5	A216 WCB,ATTEST,AN.	93 119 5238000	10
04	2-V-V108-16187/5	A217 WC9,ATTEST,NT.	93 119 5228000	20
03	2-V-V107-16187/5	A217 WC6,ATTEST,NT.	93 119 5218000	20
02	2-V-V106-16187/5	A216 WCC,ATTEST,AN.	93 119 5208000	10
01	2-V-V105-16187/5	A216 WCB,ATTEST,AN.	93 119 5198000	10

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT
 REDRAWN WITH REV. 2 ON 30.07.05

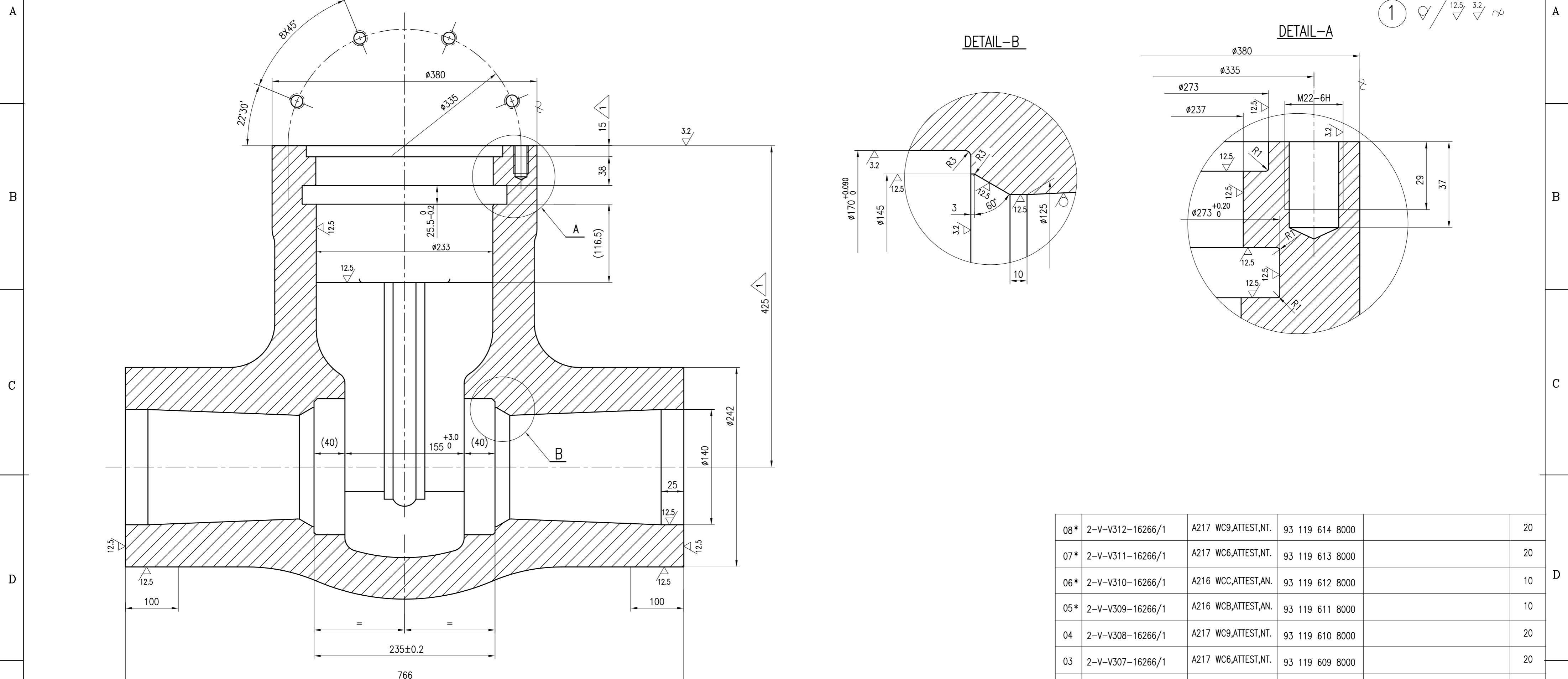
DRN	NAME	SIGN	DATE	NO.OF VAR.
	V.BAIRAVAN		30.07.05	
CHD	K.RAJASEKARAN		30.07.05	
APPD	M.RAJAKUMAR		30.07.05	

DEPT	VL	SCALE	WEIGHT (KG).	REFERENCE INFORMATIONS	NO.OF ITEMS
320		N T S	270		
TITLE				CARD CODE	REV
BODY (ROUGH)				U 01	5
8"/1500 CLASS				DRAWING NO.	
				REFER TABLE	
				2-V-0000-16187	

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DRAWING NO. 2-V-0000-16266/1

ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP



- NOTES:-**
- 1 * MARKED TYPES ARE SPECIAL CLASS RATINGS.
 - 2 LATEST APPLICABLE QUALITY WORK INSTRUCTIONS SHALL BE FOLLOWED IN ALL RESPECTS

08*	2-V-V312-16266/1	A217 WC9,ATTEST,NT.	93 119 614 8000		20
07*	2-V-V311-16266/1	A217 WC6,ATTEST,NT.	93 119 613 8000		20
06*	2-V-V310-16266/1	A216 WCC,ATTEST,AN.	93 119 612 8000		10
05*	2-V-V309-16266/1	A216 WCB,ATTEST,AN.	93 119 611 8000		10
04	2-V-V308-16266/1	A217 WC9,ATTEST,NT.	93 119 610 8000		20
03	2-V-V307-16266/1	A217 WC6,ATTEST,NT.	93 119 609 8000		20
02	2-V-V306-16266/1	A216 WCC,ATTEST,AN.	93 119 608 8000		10
01	2-V-V305-16266/1	A216 WCB,ATTEST,AN.	93 119 607 8000		10
SL. No.	DRAWING No.	MATL. SPECN.	COMP. CODE		SCRAP SORT

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No
--------	-------------	-----------	------------	----------------	------------	-------------	---------------	------------	---------

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT: TA REDRAWN WITH REV.1 ON 30.7.05

	BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI-620014.	DRN	V.BAIRAVAN.	SIGN	DATE	NO. OF VAR.
		CHD	K.RAJASEKARAN		30.07.05	
		APPD	M.RAJAKUMAR		30.07.05	

DEPT: 365-120 V L: 320 SCALE: N T S WEIGHT (KG): 426

REFERENCE INFORMATION: TOA DRAWING No. 3-035120(627) CAD REFERENCE No.T216266

TITLE: BODY (ROUGH) 8"/2500 CLASS CARD CODE: U 01 DRAWING NO.: 2-V-0000-16266 REFER TABLE REV: 1

REV	DATE	ALTERED VB
1	30.7.05	CHD & APPD KRS&MRK

ZONE: M22-6H X 8 NOS. OF TAPPED HOLES INTRODUCED. DIMENSIONS 425 AND 15 WERE 427 AND 17 RESPECTIVELY. DCP NO.800494

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