

FAN SPECIFICATION:-

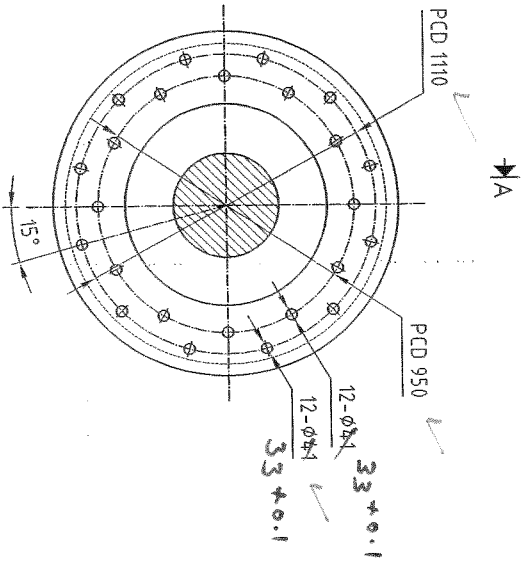
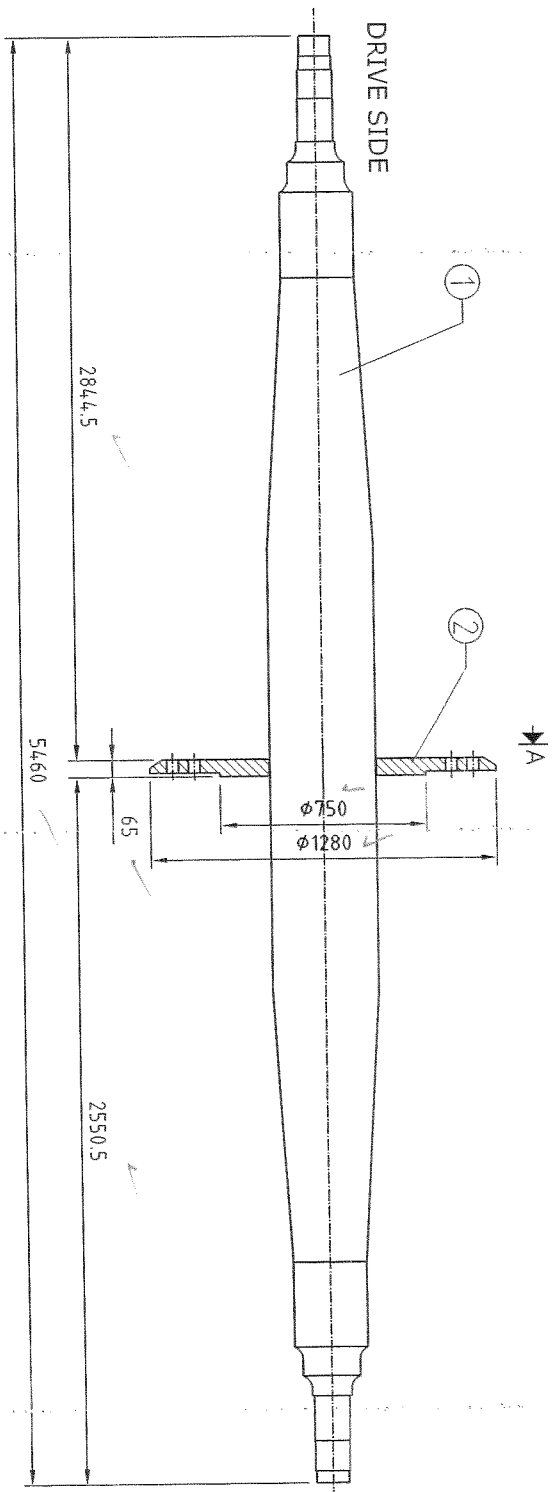
POWER = 266 KW
 FAN SPEED = 740 RPM
 FLOW (INLET) = 141.66 M³/sec
 MATERIAL TO BE TRANSPORTED = CLINKER DUST
 TEMP. INLET = 380°

NOTE:-
 REFERENCE DRG. # 44 TD 255

S.N	DESCRIPTION	QTY	MAT	DRG.NO.
3	HEX. HEAD BOLT M30x105 (HT 8.8) M30x120/72	24		WITH NUT & WASHERS
2	IMPELLER ASSEMBLY	1		BCL/06FA21/04-1/4
1	SHAFT ASSEMBLY	1		BCL/06FA21/03-1/3

CHEMICAL COMPOSITION (%)										
C.	Si.	Mn.	P.	S.	Ni.	Cr.	Mo.	MATERIAL	QUANTITY	WEIGHT
max	max	max	max	max	0.0%	0.0%	0.0%			
0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%			

SKETCHED & DRAWN		DATE		TITLE:	
YASIR IQBAL	6-4-10	IMPELLER + SHAFT ASSEMBLY FOR 06FA21			
CHECKED	APPROVED	SIZE	FSCM NO.	DWG NO.	REV
		A4		BCL/06FA21/02	1
SCALE: NTS		1 < PROU		ALL DIMENSIONS ARE IN mm	
				SHEET 1 OF 5	



SEC. A-A

NOTE:-

REFERENCE DRG. # BCL/06FA21/02...R1

CHEMICAL COMPOSITION (%)

C.	Si.	Mn.	P.	S.	Cr.	Mo.	Ni.
0.32	max	0.32	max	max	max	max	max
0.39	0.40	0.39	0.04	0.04	0.40	0.10	0.40

2 C 35 (AFNOR NF)

MATERIAL QUANTITY WEIGHT

S.N	DESCRIPTION	QTY	MAT	DRG. NO.
2	HUB	1	2 C 35 (AFNOR NF)	BCL/06FA21/03-3/3
1	SHAFT	1	2 C 35 (AFNOR NF)	BCL/06FA21/03-2/3

SKETCHED & DRAWN
Yasir Iqbal

DATE
26-03-10

TITLE
SHAFT & HUB ASSEMBLY

SIZE
A4

SCALE : NTS

REV
1

CHECKED

DATE
04-11-10

SIZE
A4

SCALE : NTS

SHEET 1 OF 1

APPROVED

DATE
04-11-10

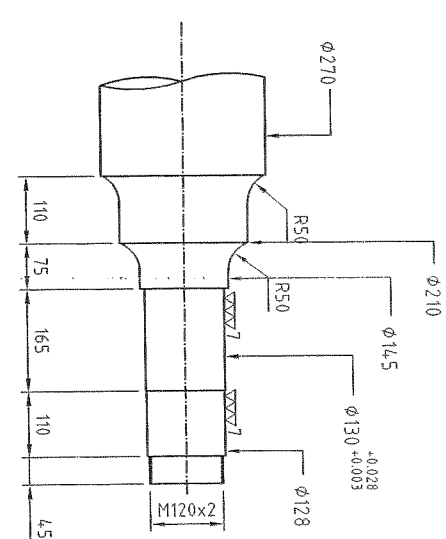
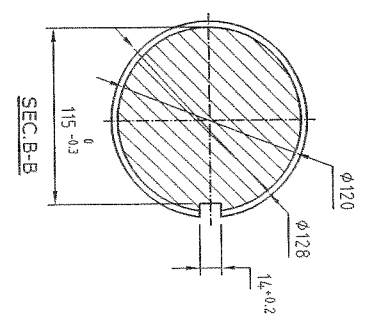
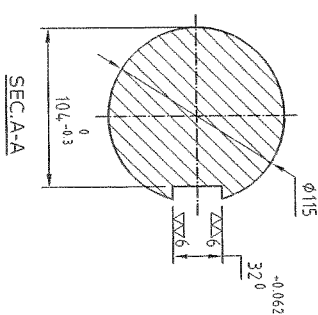
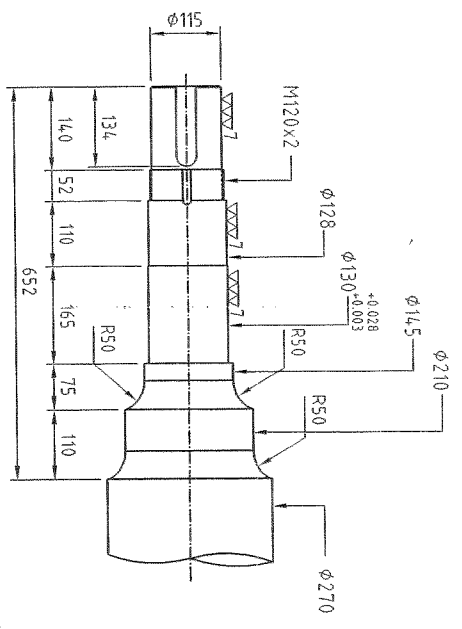
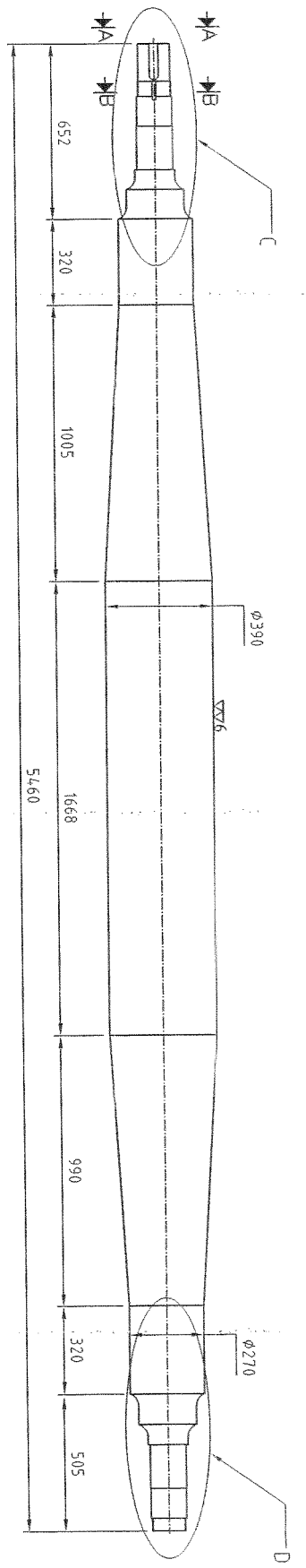
SIZE
A4

SCALE : NTS

SHEET 1 OF 1

BCL/06FA21/03-1/3

REV
1

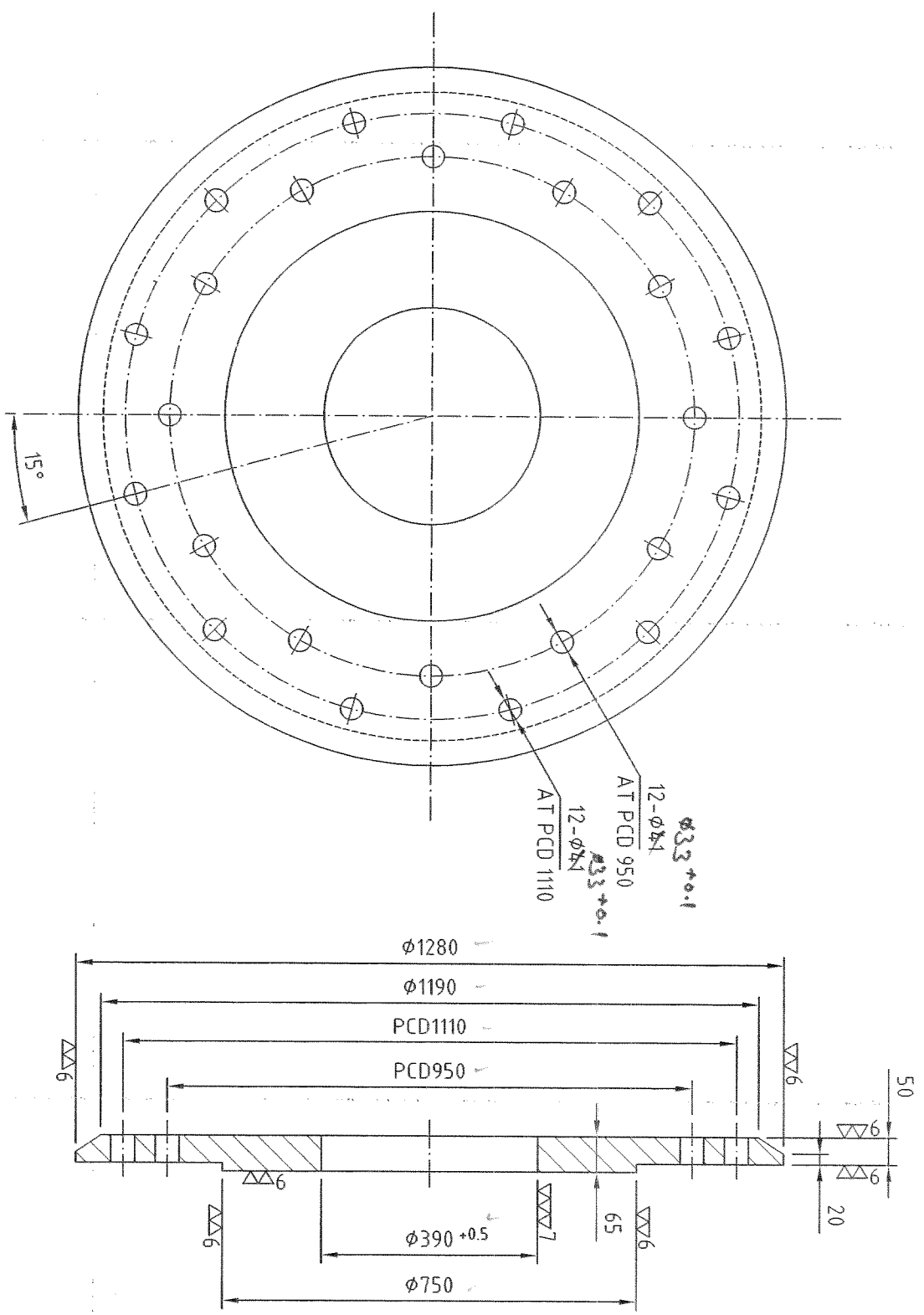


DETAIL D

DETAIL C

NOTE:-
REFERENCE DRG. # BCL/06FA21/03-1/3

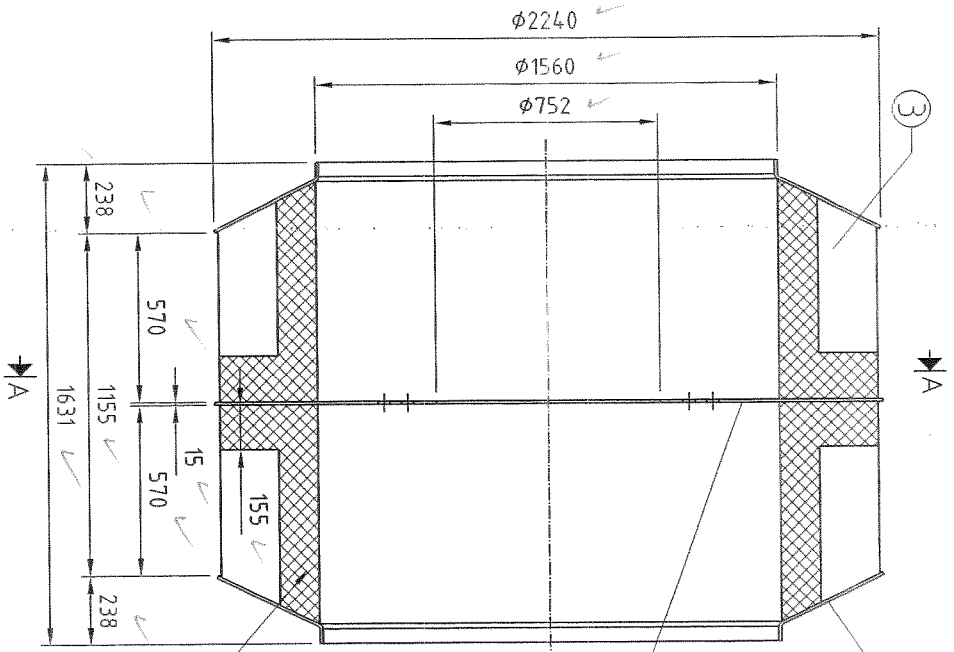
CHEMICAL COMPOSITION (%)										2 C 35 (AFNOR NF)		01							
C.	Si.	Mn.	P.	S.	Cr.	Mo.	Ni.			MATERIAL	QUANTITY	WEIGHT							
0.32	max	0.50	max	0.04	max	0.10	max												
0.39	max	0.40	max	0.04	max	0.10	max												
SKETCHED & DRAWN Yasir Iqbal										DATE		26-03-10	TITLE		IMPELLER SHAFT FOR 06FA21				
CHECKED										DATE		6-4-10	SIZE		A4				
APPROVED										SCALE		1:1	PROJ		ALL DIMENSIONS ARE IN mm				
										SHEET		1	OF		1				



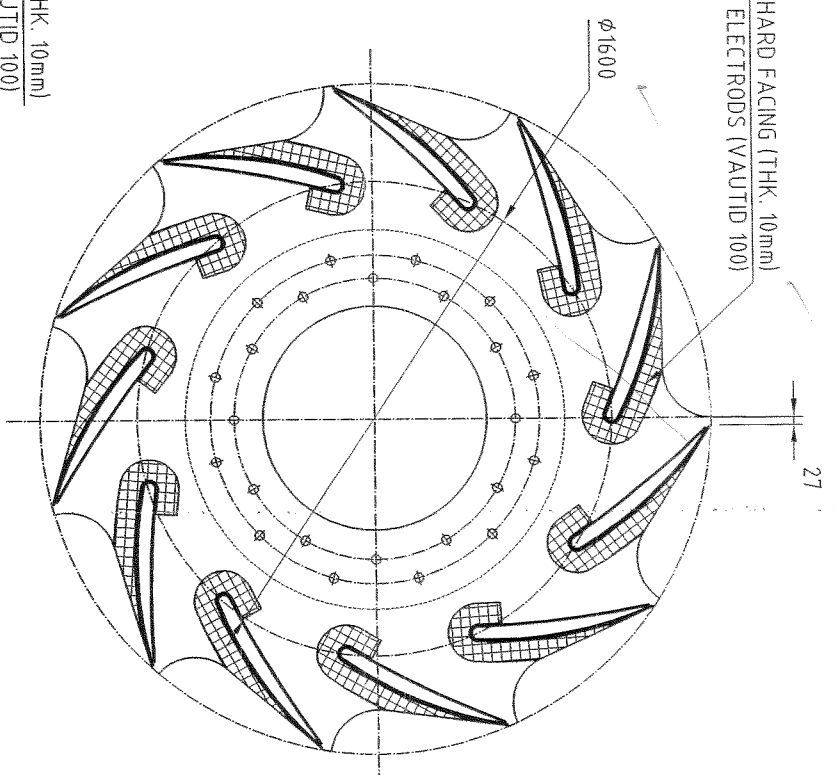
NOTE:-
 REFERENCE DRG.# BCL/06FA21/03-1/3
 ALL SHARP CORNERS ARE CHEMFER 3x4.5°.

CHEMICAL COMPOSITION (%)									
C.	Si.	Mn.	P.	S.	Cr.	Mo.	Ni.		
0.32	max	0.50	max	0.04	max	0.10	max		
0.39	0.40	0.80	0.04	0.04	0.40	0.10	0.40		

2 C 35 (AFNOR NF)		MATERIAL		01	QUANTITY	WEIGHT	SKETCHED & DRAWN Yasir Iqbal		DATE 26-03-10	TITLE HUB FOR (06FA21)
							CHECKED		6-4-10	SIZE A4
							APPROVED		6/4	FSCKM NO. BCL/06FA21/03-3/3
							SCALE : NTS		I < PROJ	DWG NO.
							ALL DIMENSIONS ARE IN mm		SHEET 1	REV 0
									OF 1	



HARD FACING (THK. 10mm)
ELECTRODS (VAUTID 100)



SECT-A-A

NOTE:-
1- AFTER HARD FACING THE IMPELLER SHOULD BE BALANCED.
2- REFERENCE DRG.# BCL/06FA21/02...R1

CHEMICAL COMPOSITION %

MATERIAL	C.	SI.	Mn.	P.	S.	B.	Nb.	Cr.	V.	Cu.	Ti.	Al.	Mo.	Ni.	N.
WELDOX 700F (AFNOR NF)	0.20 Max.	0.60 Max.	1.60 Max.	0.020 Max.	0.010 Max.	0.005 Max.	0.04 Max.	0.70 Max.	0.09 Max.	0.30 Max.	0.04 Max.	0.015 Max.	0.70 Max.	2.0 Max.	0.015 Max.
S355K2G3 (AFNOR NF)	0.20 Max.	0.55 Max.	1.60 Max.	0.04 Max.	0.04 Max.	-	-	-	-	-	-	-	-	-	-

S.N	DESCRIPTION	QTY	MAT	DRG.NO.
2	BLADE	11	S355K2G3 (AFNOR NF)	BCL/06FA21/04-4/4
2	CENTER PLATE	1	WELDOX 700F (AFNOR NF)	BCL/06FA21/04-3/4
1	CONE	2	WELDOX 700F (AFNOR NF)	BCL/06FA21/04-2/4

MATERIAL	QUANTITY	WEIGHT

SKETCHED & DRAWN: *[Signature]* DATE: 18-03-10

CHECKED: *[Signature]* DATE: 6-4-10

APPROVED: *[Signature]* DATE: 6/4/10

TITLE: IMPELLER ASSEMBLY

SCALE: NTS

SIZE: A4

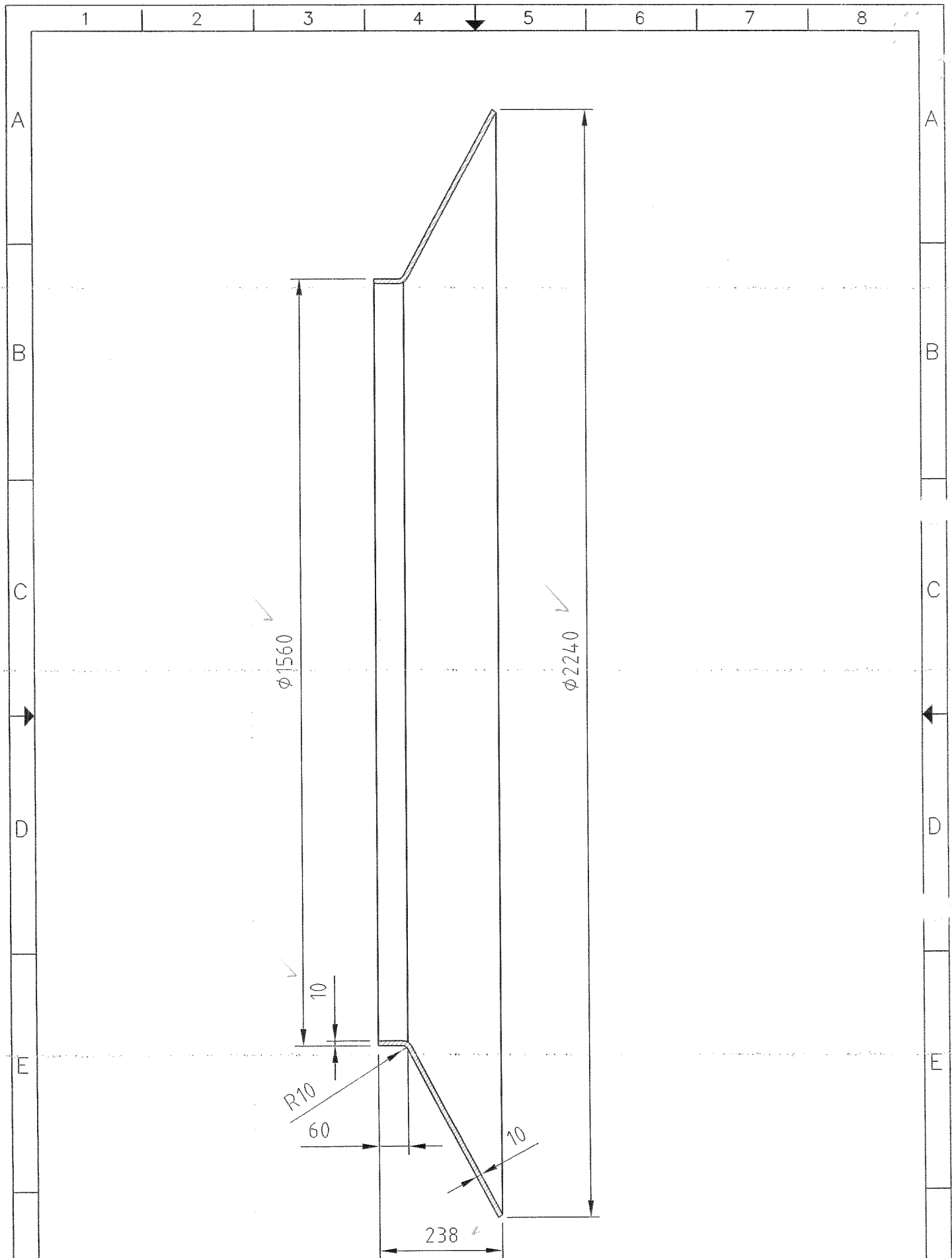
FORM NO.: BCL/06FA21/04-1/4

DWG NO.: BCL/06FA21/04-1/4

ALL DIMENSIONS ARE IN mm

SHEET 1 OF 1

REV 0

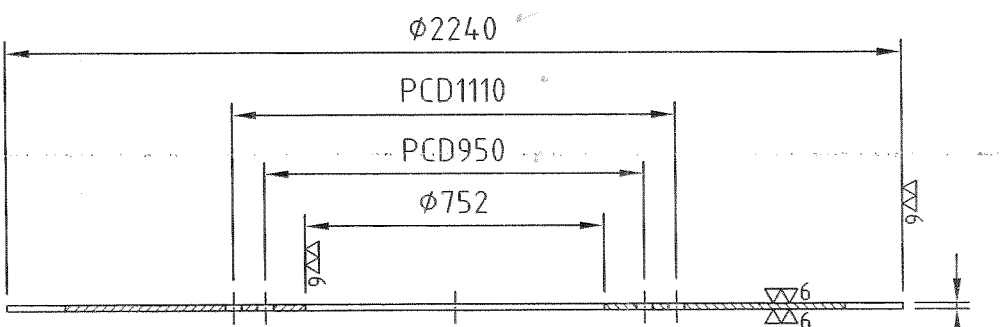
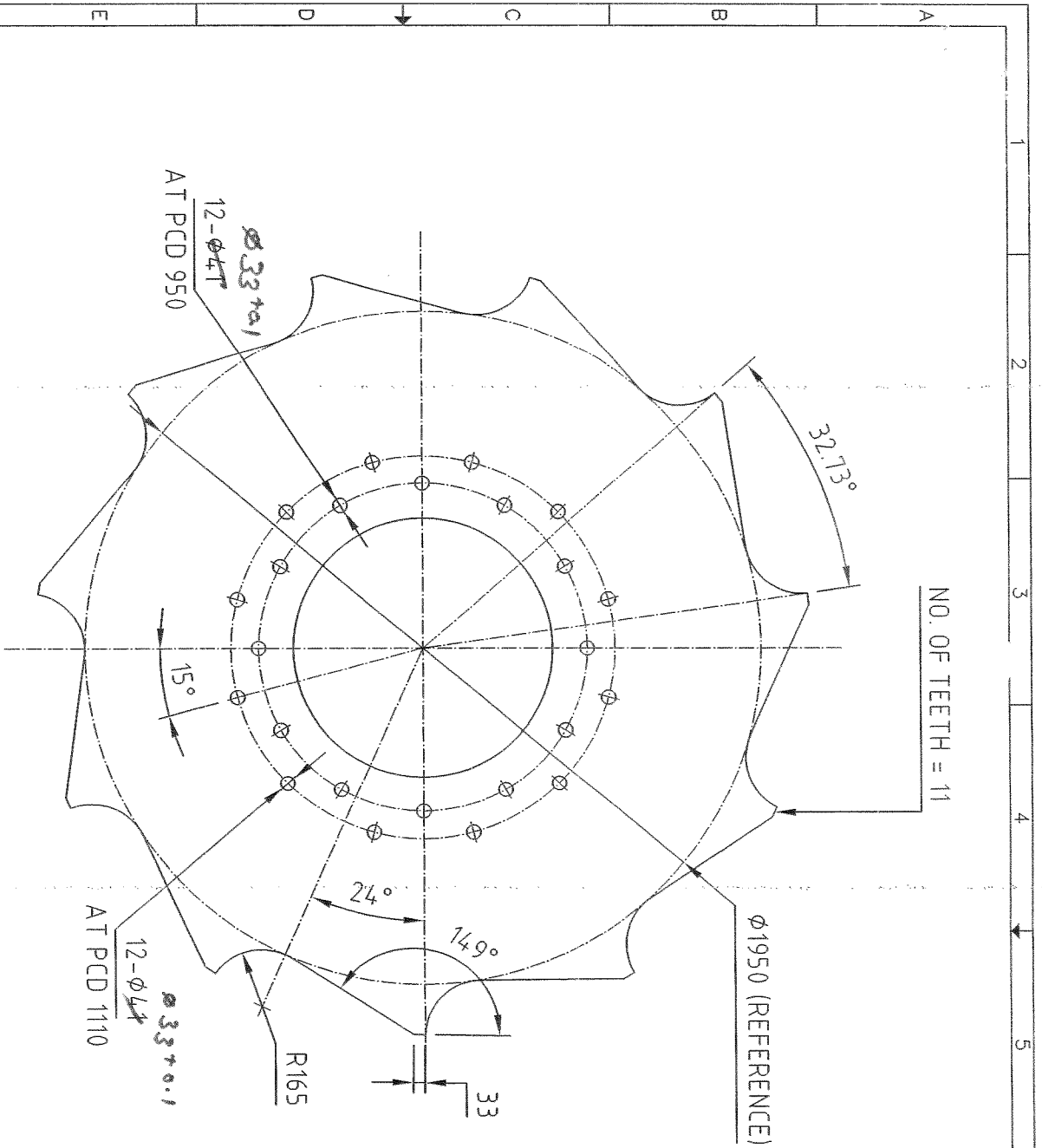


NOTE:-
REFERENCE DRG.# BCL/06FA21/04-1/4

CHEMICAL COMPOSITION %															
MATERIAL	C.	Si.	Mn.	P.	S.	B.	Nb.	Cr.	V.	Cu.	Ti.	Al.	Mo.	Ni.	N.
WELDOX 700F (AFNOR NF)	0.20 Max.	0.80 Max.	1.80 Max.	0.020 Max.	0.010 Max.	0.005 Max.	0.04 Max.	0.70 Max.	0.08 Max.	0.30 Max.	0.04 Max.	0.015 Max.	0.70 Max.	2.0 Max.	0.015 Max.

WELDOX 700F (AFNOR FN)													
MATERIAL	QUANTITY	WEIGHT											
	02												

SKETCHED & DRAWN Yashir Taha	DATE 26-03-10	TITLE: IMPELLER CONICAL PART (06FA21)	
CHECKED	6-4-10	SIZE A4	FSCM NO.
APPROVED	6/4	DWG NO. BCL/06FA21/04-2/4	REV 0
SCALE : NTS		1 < PROJ	
ALL DIMENSIONS ARE IN mm SHEET 1 OF 1			



NOTE:-
 REFERENCE DRG. # BCL/06FA21/04-1/4

CHEMICAL COMPOSITION %

	C	SI	Mn	P	S	B	Nb	Cr	V	Cu	Ti	Al	Mg	Ni	N
WELDOX 700F (AFNOR NF)	0.20	0.60	1.60	0.020	0.010	0.005	0.04	0.70	0.09	0.20	0.04	0.015	0.70	2.0	0.015
	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.

CHEMICAL COMPOSITION (%)

C.	Si.	Mn.	P.	S.	Ni.	Cr.	Mo.
Max	Max	Max	Max	Max	-	-	-
0.20	0.55	1.60	0.04	0.04	-	-	-

WELDOX 700F (AFNOR NF)

Y.	Cu.	Ti.	Al.	Mg.	Ni.	N.
0.09	0.20	0.04	0.015	0.70	2.0	0.015
Max.	Max.	Max.	Max.	Max.	Max.	Max.

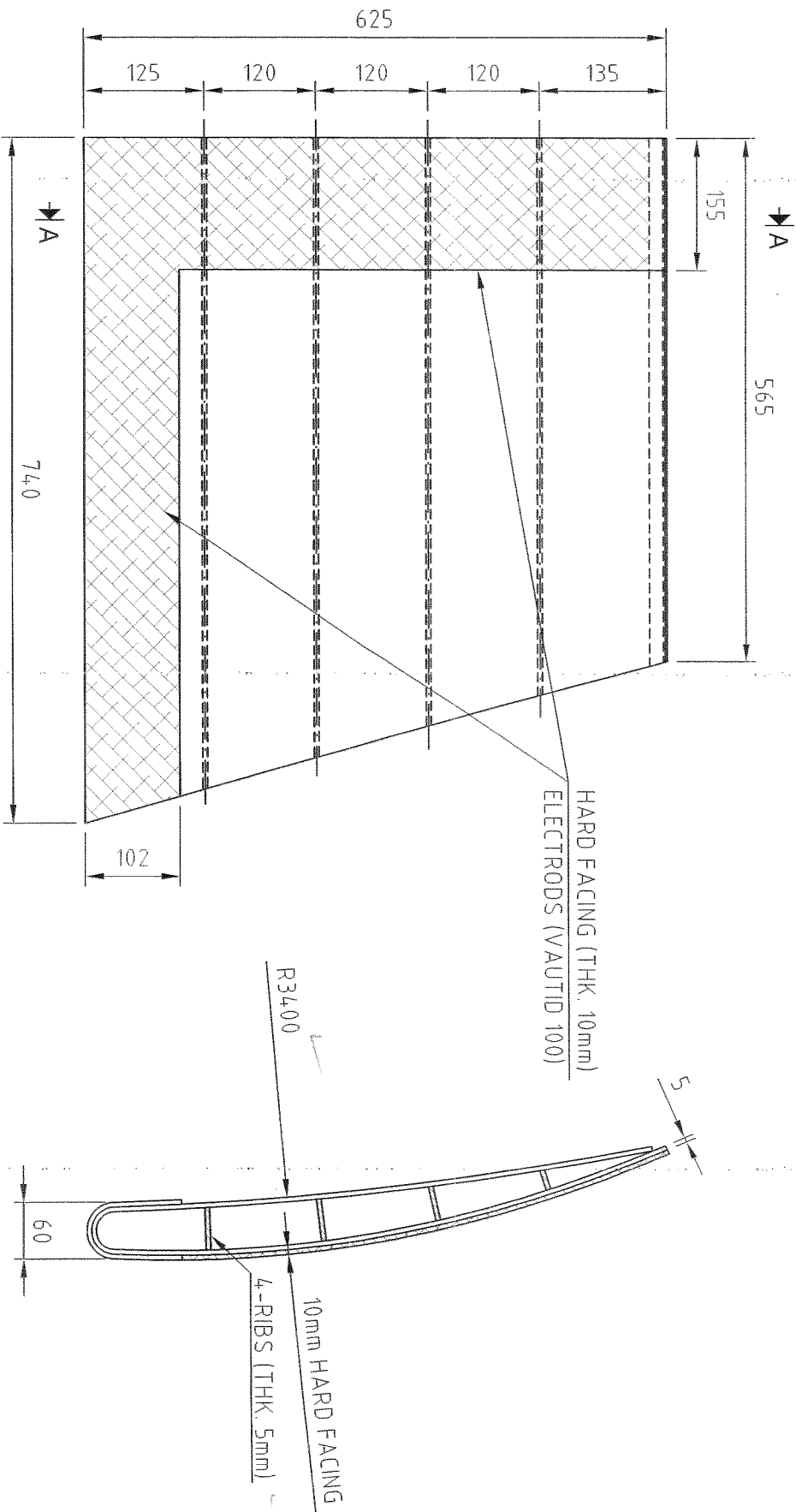
QUANTITY

01	WEIGHT
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CENTER PLATE (06FA21)

DATE	26-03-10
CHECKED	Yasir Iqbal
APPROVED	[Signature]
SCALE	1 < PROU
SIZE	A4
FORM NO.	BCL/06FA21/04-3/4
DWG NO.	BCL/06FA21/04-3/4
REV	0

1	2	3	4	5	6	7	8
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NOTE:-
REFERENCE DRG. # BCL/06FA21/04-1/4

CHEMICAL COMPOSITION (%)										S35K2G3 (AFNOR FN)		QUANTITY		WEIGHT		SKETCHED & DRAWN		DATE		TITLE	
C.	Si.	Mn.	P.	S	Ni.	Cr.	Mo.			22		CHECKED		Yasir Iqbal		26-03-10		IMPELLER BLADE FOR 06FA21			
max 0.20	max 0.55	max 160	max 0.04	max 0.04	-	-	-					APPROVED		[Signature]		6-4-10		SIZE A4			
														SCALE : NTS		1 < PROU		ALL DIMENSIONS ARE IN mm			
																SHEET 1		OF 1			