DO NOT SCALE

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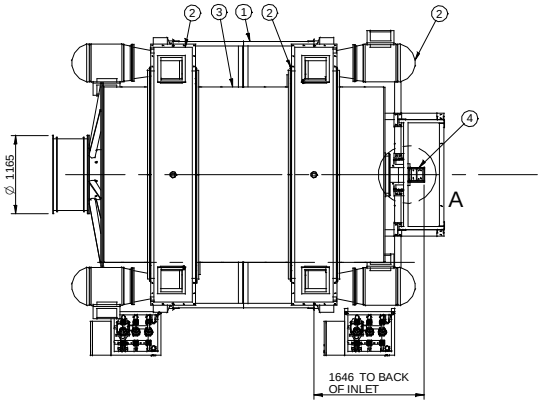
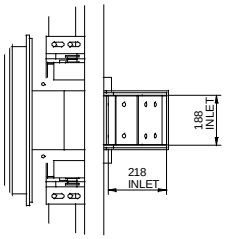
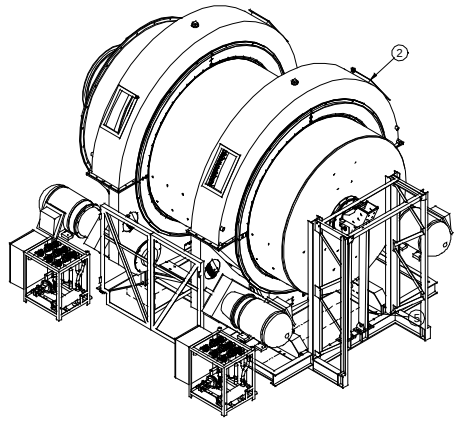




DETAIL A
1:10



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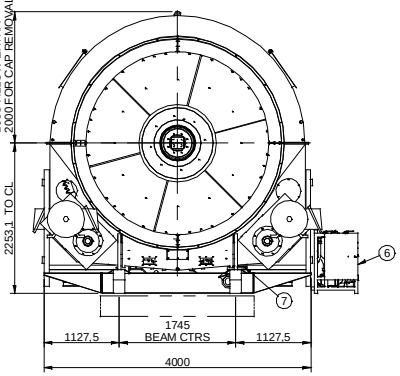
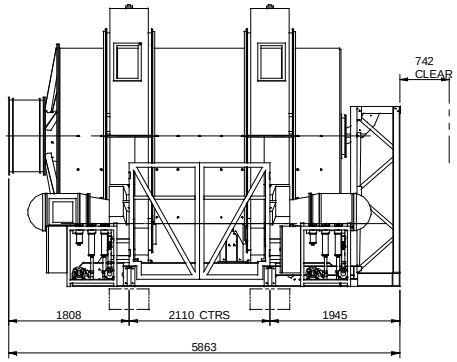
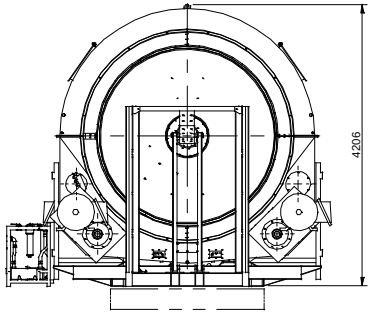




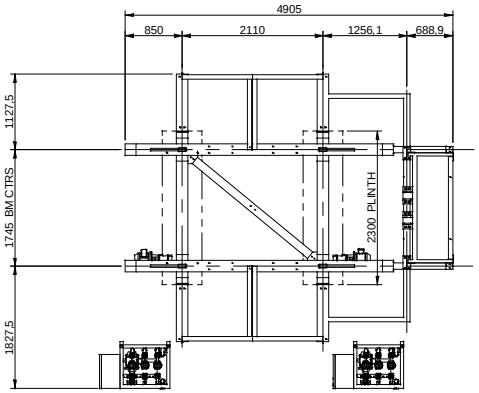


LOADS ON PLINTH UNDER NON DRIVE BEARING

DEAD LOAD : 62 KN
ROTATING LOAD : 98 KN
PROCESS LOAD : 173 KN

LOADS ON PLINTH UNDER DRIVE BEARING

DEAD LOAD : 69 KN
ROTATING LOAD : 103 KN
PROCESS LOAD : 215 KN



TOP VIEW BASE STRUCT

NOTES
1. MILL BI-DIRECTIONAL AT 18 RPM
2. PLINTH DEPTH TO BE DESIGNED TO SUIT GROUND CONDITION
3. TOTAL INSTALLED POWER 440 KW

Item Number	Document Number	Title	Quantity	Mass
1	06-0005-5024	BASE FRAME ASSEMBLY	1	3941.5 kg
2	06-0005-4052	DRIVE ASSEMBLY	2	8305.5 kg
3	06-0005-4002	DRUM ASSEMBLY	1	20084.4 kg
4	06-0005-5018	INLET ASSEMBLY	1	822.8 kg
5	06-0005-5019	PIVOT ARM	1	98.1 kg
6	05-0033-5092	LUBE SYSTEM	2	343.1 kg
7	05-0033-5079	MOUNTING	1	9.1 kg

REFERENCE

DESCRIPTION

REVISIONS

NO.	DESCRIPTION	DATE	CHECK

TOLERANCES					
ABOVE	INCL	MACH	FABR	CAST	
0.5	3	0.1	"	"	
3	6	0.1	1	1	
6	30	0.2	1.5	2	
30	120	0.3	2.5	3	
120	315	0.5	3	5	
315	1000	0.8	4	6.5	
1000	2000	1.2	4.5	7	
2000	3150	1.5	5	7.5	

DRAWN	DT
DATE	2006/09/26
CHECKED	SE
DATE	2007/04/20
ENGINEER	DT
DATE	2007/04/20
PROJ'N	1ST ANGLE
MATERIAL	mat'l

MechProTech (Pty) Ltd.
Mechanical Product and Technology Development for Industry

2.6M DIAMETER X 4.2 M LONG BALL MILL
400 KW

SCALE: 1:40 | DRG NO: A1-06-0043-4012 | REV: 0 | SHEET 1 OF 1