

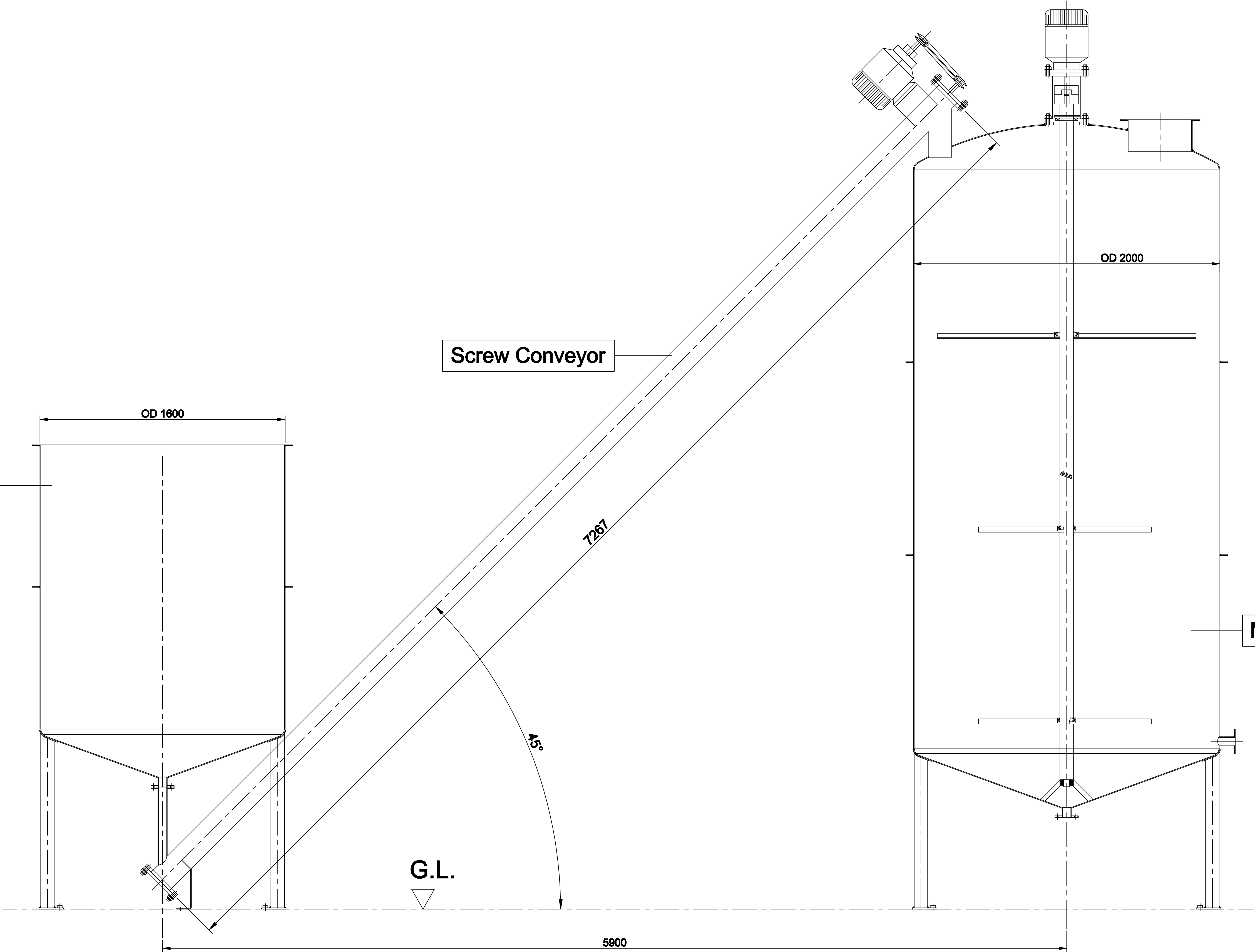
DO NOT SCALE

IF IN ANY DOUBT PLEASE ASK

HOPPER

Screw Conveyor

Mixing vessel



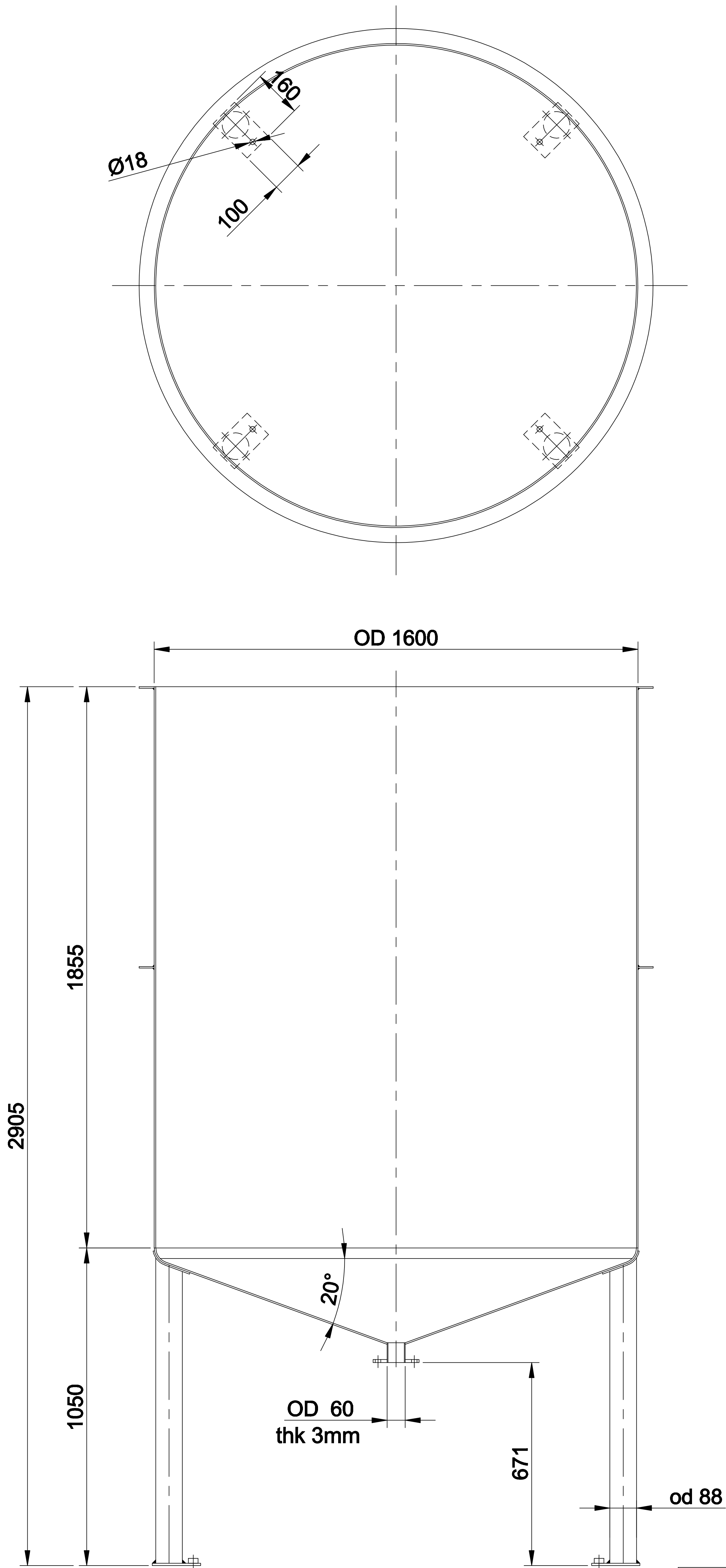
REV.	DATE	DESCRIPTION	DSG	CHKD.	APRD.
0	14/01/2020	FIRST SUBMISSION	P.M.M.	S.V.B.	P.B.

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		SHRI GAJANAN ENGINEERING G-24, MIDC, Ambad, NASHIK-422008 Mob. no.: - 08149386309, Email : sge.svb@rediffmail.com	
Client:- ROHAN ENERGY, Nashik.		Consultant:- TechnoConcept Mob no. 9822036959 Email : technoconceptnsh@gmail.com	
Title:- AdBlu Engineering equipments & Layout Hopper-Screw Conveyor-Mixing Vessel Layout		DRG.NO.: SGE/2020/1/001	
SIGN. P.M.M.		DATE 10/01/2020	
DSG.		CHD.	
S.V.B.		P.B.	
14/01/2020		14/01/2020	
A2		SHEET :- 1 OF 1	
REV. 0		0	

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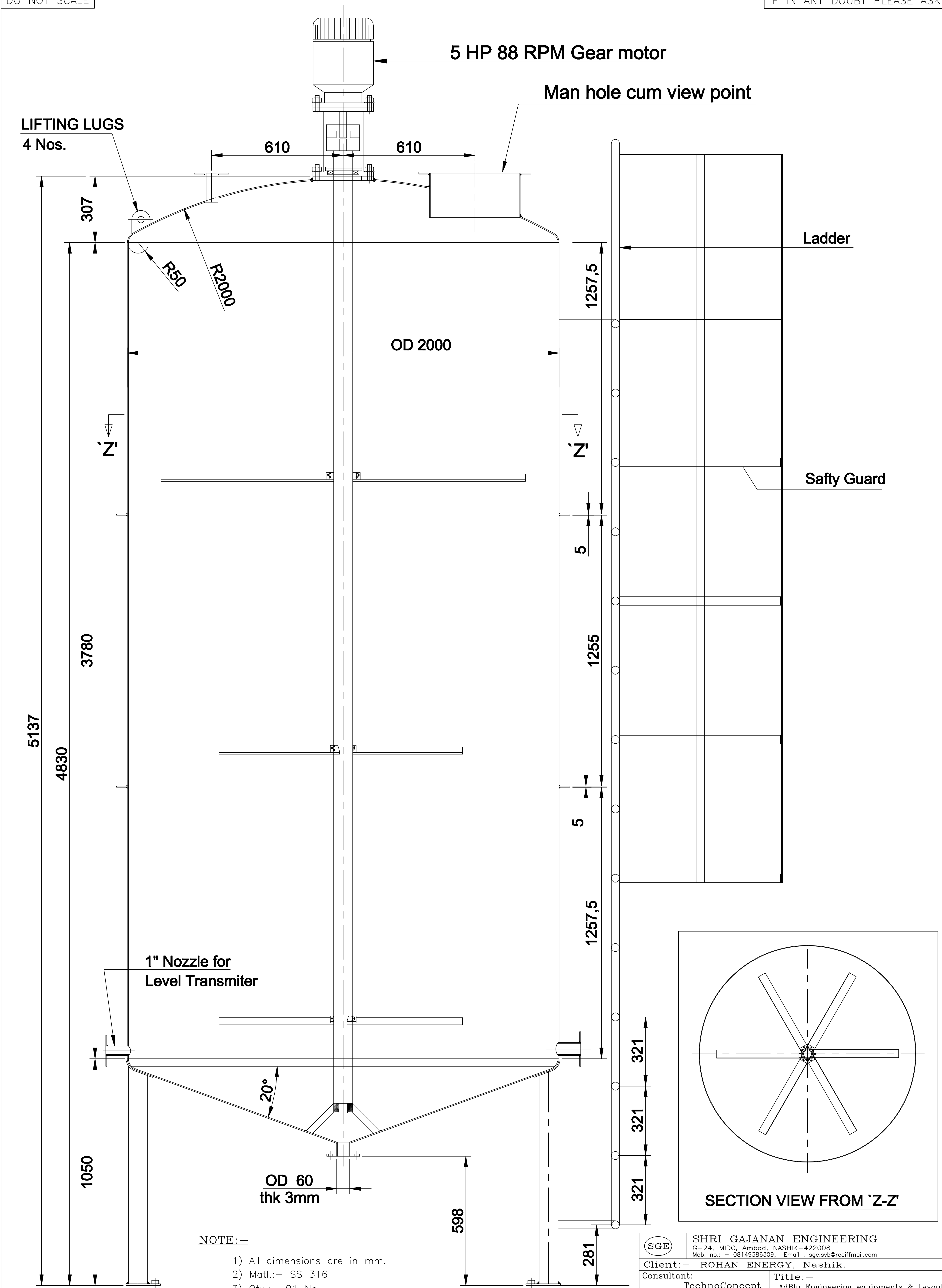


- NOTE:—
- 1) All dimensions are in mm.
 - 2) Matl.:— SS 316
 - 3) Qty.:—

0	14/01/2020	FIRST SUBMISSION	P.M.M.	S.V.B.	P.B.
REV.	DATE	DESCRIPTION	DSG	CHKD.	APRD.

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<div>SGE</div>		SHRI GAJANAN ENGINEERING	
		G-24, MIDC, Ambad, NASHIK-422008	
		Mob. no.: - 08149386309, Email : sge.svb@rediffmail.com	
Client:— ROHAN ENERGY, Nashik.			
Consultant:—		Title:—	
TechnoConcept		AdBlu Engineering equipments & Layout	
Mob no. 9822036959			
Email : technoconceptpnsk@gmail.com		HOPPER	
	SIGN.	DATE	
DSG.	P.M.M.	10/01/2020	<div><div><div></div><div></div></div><div></div></div> SCALE:— 1:20
CHD.	S.V.B.	14/01/2020	DRG.NO.:— SGE/2020/1/002
APRD.	P.B.	14/01/2020	REV. 0
		A2	SHEET :- 1 OF 1

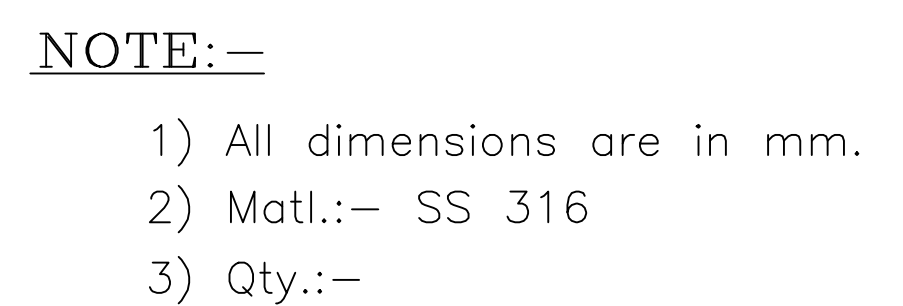


REV.	DATE	DESCRIPTION	DSG	CHKD.	APRD.
0	14/01/2020	FIRST SUBMISSION	P.M.M.	S.V.B.	P.B.

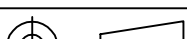
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Client:-		ROHAN ENERGY, Nashik.	
Consultant:-		TechnoConcept Mob no. 9822036959 Email : technoconceptnsh@gmail.com	
Title:-		AdBlu Engineering equipments & Layout	
		MIXING VESSEL	
SIGN.		DATE	SCALE:- 1:20
DSG.		P.M.M.	10/01/2020
CHD.		S.V.B.	14/01/2020
APRD.		P.B.	14/01/2020
DRG.NO.:-		SGE/2020/1/003	REV.
A2		SHEET :- 1 OF 1	0

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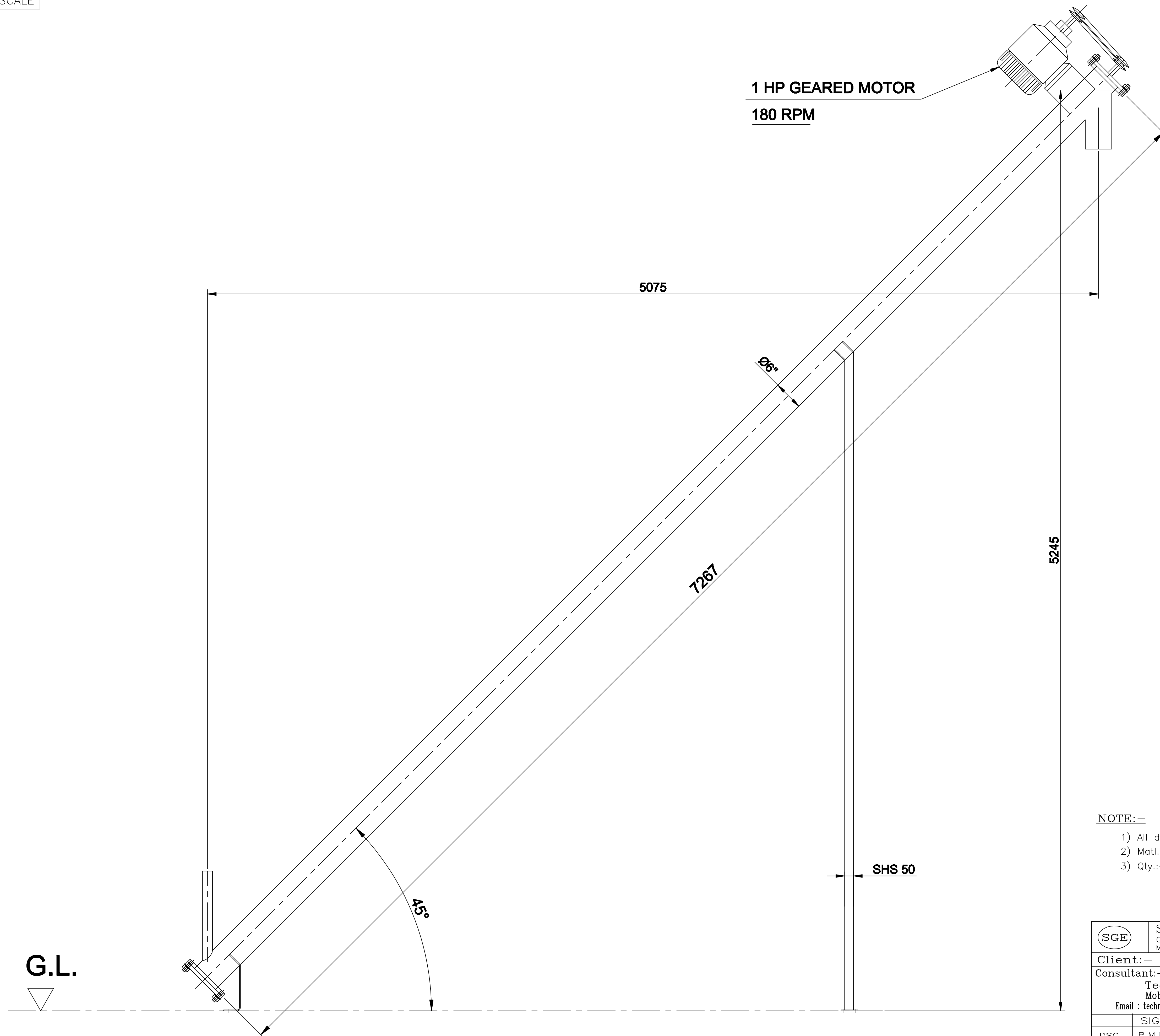


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<div><div>SGE</div></div>		<div>SHRI GAJANAN ENGINEERING</div> <div>G-24, MIDC, Ambad, NASHIK-422008</div> <div>Mob. no.: - 08149386309, Email : sge.svb@rediffmail.com</div>			
Client:- ROHAN ENERGY, Nashik.					
Consultant:-			Title:-		
TechnoConcept			AdBlu Engineering equipments & Layout		
Mob no. 9822036959			VESSEL 1 & 2		
Email : technoconceptnsk@gmail.com					
	SIGN.	DATE		SCALE:- 1:20	
DSG.	P.M.M.	10/01/2020	DRG.NO.:- SGE/2020/1/004		REV. 0
CHD.	S.V.B.	14/01/2020			
APRD.	P.B.	14/01/2020			
			A2	SHEET :- 1 OF 1	


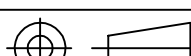
DO NOT SCALE

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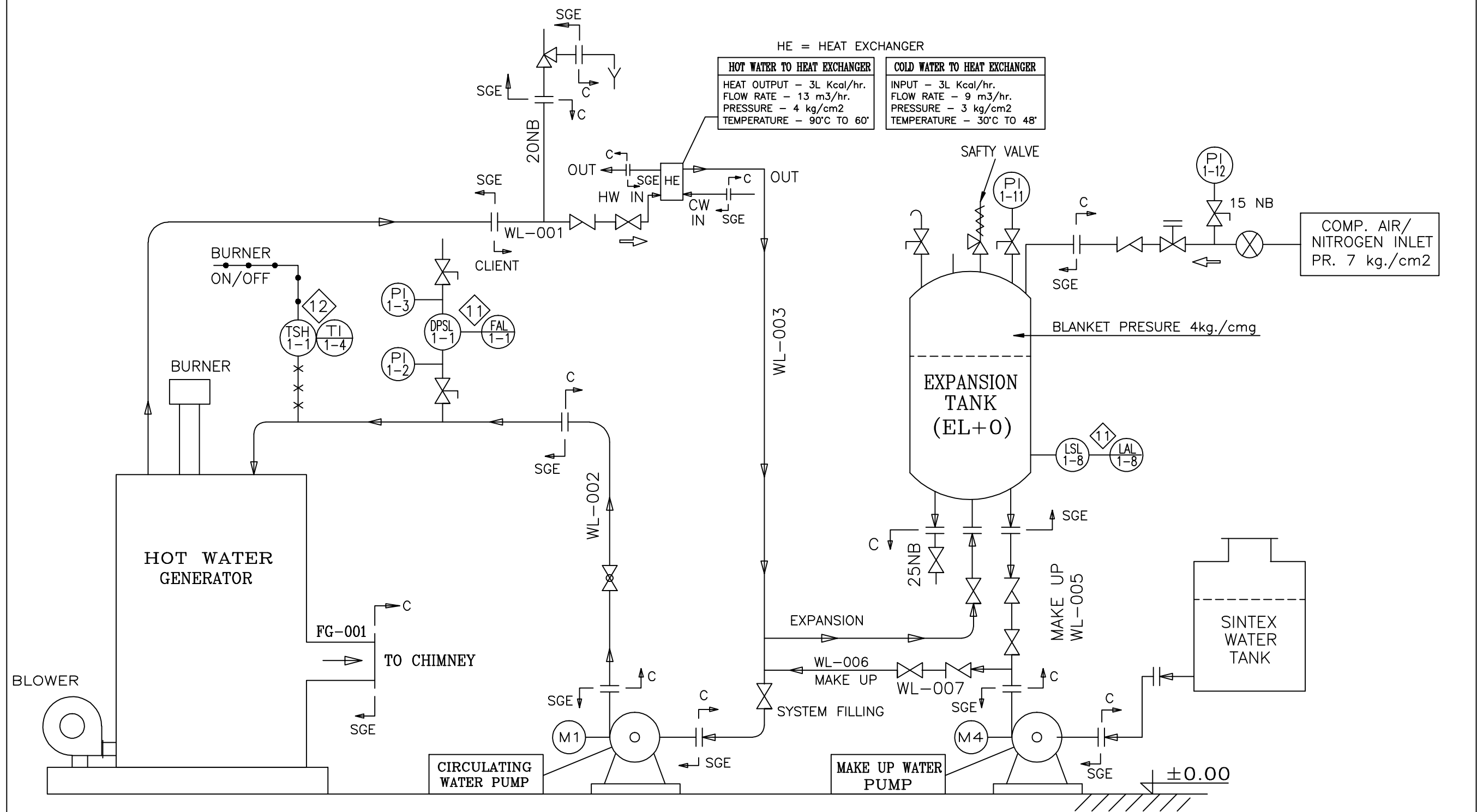
NOTE:—

- 1) All dimensions are in mm.
- 2) Matl.:— SS 316
- 3) Qty.:— 01 No.

		SHRI GAJANAN ENGINEERING G-24, MIDC, Ambad, NASHIK-422008 Mob. no.: - 08149386309, Email : sge.svb@rediffmail.com	
		Client:- ROHAN ENERGY, Nashik.	
Consultant:- TechnoConcept Mob no. 9822036959 Email : technoconcepts@nshk@gmail.com		Title:- <u>AdBlu Engineering equipments & Layout</u>	
		SCREW CONVEYOR	
	SIGN.	DATE	
DSG.	P.M.M.	10/01/2020	
CHD.	S.V.B.	14/01/2020	
APRD.	P.B.	14/01/2020	
DRG.NO.:- SGE/2020/1/005			REV. 0

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0	14/01/2020	FIRST SUBMISSION	P.M.M.	S.V.B.	P.B.
REV.	DATE	DESCRIPTION	DSG	CHKD.	APRD.



0	14/01/2020	FIRST SUBMISSION	P.M.M.	S.V.B.	N.P.S.
REV.	DATE	DESCRIPTION	DSG	CHKD	APRD.

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SGE SHRI GAJANAN ENGINEERING G-24, MIDC, Ambad, NASHIK-422008 Mob. no.: - 08149386309, Email : sge.svb@rediffmail.com			Client:- ROHAN ENERGY, Nashik.		
Product:- HOT WATER GENERATOR (HWG) CAPACITY:- SGE03			Title:- TECHNICAL DRAWING OF HOT WATER SYSTEM & HEAT EXCHANGER		
	SIGN.	DATE	SCALE:- ~		
DSG.	P.M.M.	10/01/2020	DRG.NO.:- SGE/2020/1/006		
CHD.	S.V.B.	14/01/2020			
APRD.	N.P.S.	14/01/2020	A2 SHEET :- 1 OF 1		
			REV. 0		

	SHRI GAJANAN ENGINEERING. G-24,MIDC,AMBAD,NASHIK.				
	CLIENT- ROHAN ENERGY. NASHIK.				
		TECHNICAL SPECIFICATION OF			
		HOT WATER GENERATOR			
1	MODEL	SGE 03			
2	CAPACITY-	300000KCAL/HR			
3	TEMPRATURE	90 deg C.			
4	FUEL CONSUMTION.	30 KG/HR.			
5	HOT WATER FLOW-	13 C3/HR			
6	SYSTEM PRESSURE-	3.5KBAR			
7	TEST PRESSURE-	7 BAR.			
8	NUMBER OF PASSES.-	3 THREE			
9	INLET,OUTLET SIZE-	2".			
10	CIRCULATION PUMP HEAD.				
11	ELECRIC SUPPLY.	415, 50Hz,3 PHASE.			
12	CONNECTED POWER.				
A	RECIRCULATION PUMP.	5 HP.			
B	COMBUSTION BLOWER.	2 HP.			
C	MAKE UP PUMP.	1 HP.			
D	FUEL PUMP.	.75 HP.			
17	OVERALL DIMENTIONS (APROX)				
A	HEIGHT-	2750			
B	LENGTH.	1650			
C	WIDTH.	1350			
18	HEAT EXCHANGER.				
	PROCESS PARAMETER.	UNIT	HOT SIDE	COLD SIDE	
A	FLUID		HOT WATER	COLD WATER	
B	FLOW RATE	M3/HR	13	10	
C	TEMPRETURE INLET	deg.C	85	30	
D	TEMPRETURE OUTLET	deg.C	61	48	
E	PRESSURE DROP	BAR	0.4	0.3	
F	HEAT LOAD	KCL/HR	300000		
G	VISCOSITY	CP	0.333	0.459	0.885 0.506
H	DENSITY	KG/M3	967.9	980.8	995.7 983.8
I	SPECIFIC HEAT.	KJ/KgK	4.181	4.173	4.186 4.173