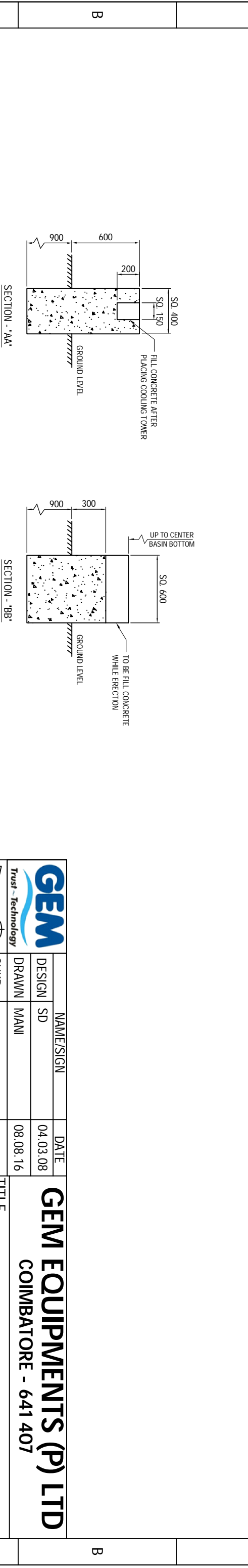
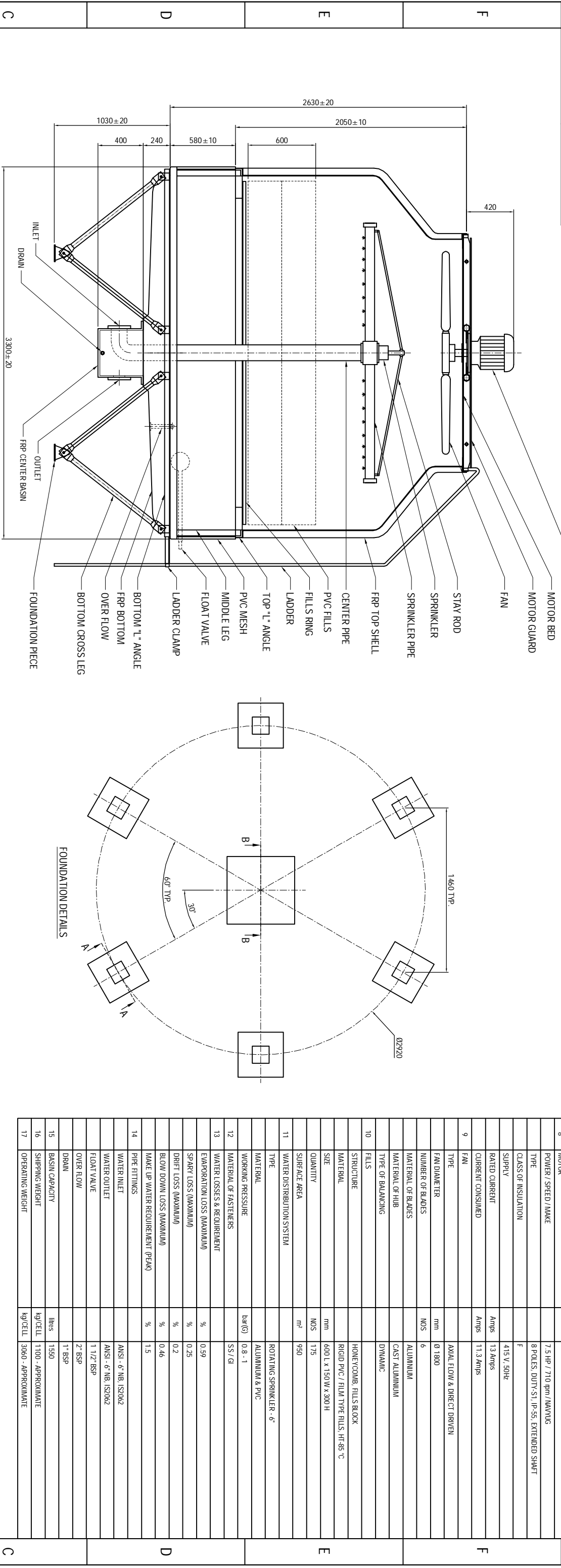


1		2	3	4	5	6	7
TOLERANCE ON LINEAR DIMENSIONS. IF NOT SPECIFIED							
DIM RANGE		ALLOWABLE LIMITS					
OVER 0.5 TO 6		±0.1					
OVER 6 TO 30		±0.2					
OVER 30 TO 120		±0.3					
OVER 120 TO 315		±0.5					
OVER 315 TO 1000		±0.8					
OVER 1000 TO 2000		±1.2					
OVER 2000 TO 4000		±2					
> 4000		±3					



TECHNICAL SPECIFICATION - GCT 200H				
S/L NO.	DESCRIPTION	UOM	PARAMETERS	
1	TYPE OF COOLING TOWER		INDUCED DRAFT, COUNTER FLOW, EVAPORATIVE TYPE	
2	COOLING CAPACITY	TR	200	
3	OVERALL TOWER DIMENSIONS	mm	0 3300 X 4080 H	
4	AIR INLET SIZE	mm	0 3200 X 550 H	
5	MATERIAL OF TOWER STRUCTURE		FRP & HOT DIP GALVANIZED MS	
6	MATERIAL OF LOUVER		FRP	
7	MATERIAL OF PIPING		FRP & PVC	
8	MOTOR		7.5 HP / 710 rpm / NRVUG	
	POWER / SPEED / MAKE			
	TYPE		8 POLES, DUTY S1, IP-55, EXTENDED SHAFT	
	CLASS OF INSULATION		F	
	SUPPLY		415 V, 50Hz	
	RATED CURRENT	Amps	13 Amps	
	CURRENT CONSUMED	Amps	11.3 Amps	
9	FAN			
	TYPE		AXIAL FLOW & DIRECT DRIVEN	
	FAN DIAMETER	mm	0 1800	
	NUMBER OF BLADES	NOS	6	
	MATERIAL OF BLADES		ALUMINIUM	
	MATERIAL OF HUB		CAST ALUMINIUM	
	TYPE OF BALANCING		DYNAMIC	
10	FILLS			
	STRUCTURE		HONEYCOMB, FILLS BLOCK	
	MATERIAL		RIGID PVC / FILM TYPE FILLS, HT-85 °C	
	SIZE	mm	600 L X 150 W X 300 H	
	QUANTITY	NOS	175	
	SURFACE AREA	m²	950	
11	WATER DISTRIBUTION SYSTEM			
	TYPE		ROTATING SPRINKLER - 6"	
	MATERIAL		ALUMINIUM & PVC	
	WORKING PRESSURE	bar (G)	0.8 - 1	
12	MATERIAL OF FASTENERS	SS / GI		
13	WATER LOSSES & REQUIREMENT			
	EVAPORATION LOSS (MAXIMUM)	%	0.59	
	SPRAY LOSS (MAXIMUM)	%	0.25	
	DRIFT LOSS (MAXIMUM)	%	0.2	
	BLOW DOWN LOSS (MAXIMUM)	%	0.46	
	MAKE UP WATER REQUIREMENT (PEAK)	%	1.5	
14	PIPE FITTINGS			
	WATER INLET		ANSI - 6" NB, IS2062	
	WATER OUTLET		ANSI - 6" NB, IS2062	
	FLOAT VALVE		1 1/2" BSP	
	OVER FLOW		2" BSP	
	DRAIN		1" BSP	
15	BASIN CAPACITY	litres	1550	
16	SHIPPING WEIGHT	kg/CELL	1100 - APPROXIMATE	
17	OPERATING WEIGHT	kg/CELL	3060 - APPROXIMATE	

		NAME/SIGN	DATE	<b>GEM EQUIPMENTS (P) LTD</b> COIMBATORE - 641 407	
		DESIGN	SD		
		DRAWN	MANI		
		CHKD.			
		APPD.		TITLE GA & FOUNDATION DRAWING GCT 200H	
		DATE	08.08.16		

PROPERTY MATERIAL		DRAWING No.		REV	
MACHINED SURFACE AS PER IS:2102 (Med.)		1789		0	
THE INFORMATION AND IDEAS DISCLOSED IN THIS DRAWING IS THE EXCLUSIVE PROPERTY OF GEM EQUIPMENTS AND MAY NOT BE REPRODUCED USED OR DISCLOSED WITHOUT THE WRITTEN PERMISSION OF GEM EQUIPMENTS.		A3 ALL DIMENSIONS ARE IN mm		SCALE NTS SHEET 1 OF 1	

F/DSN/002/REV-1	1	2	3	4	5	6	7
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