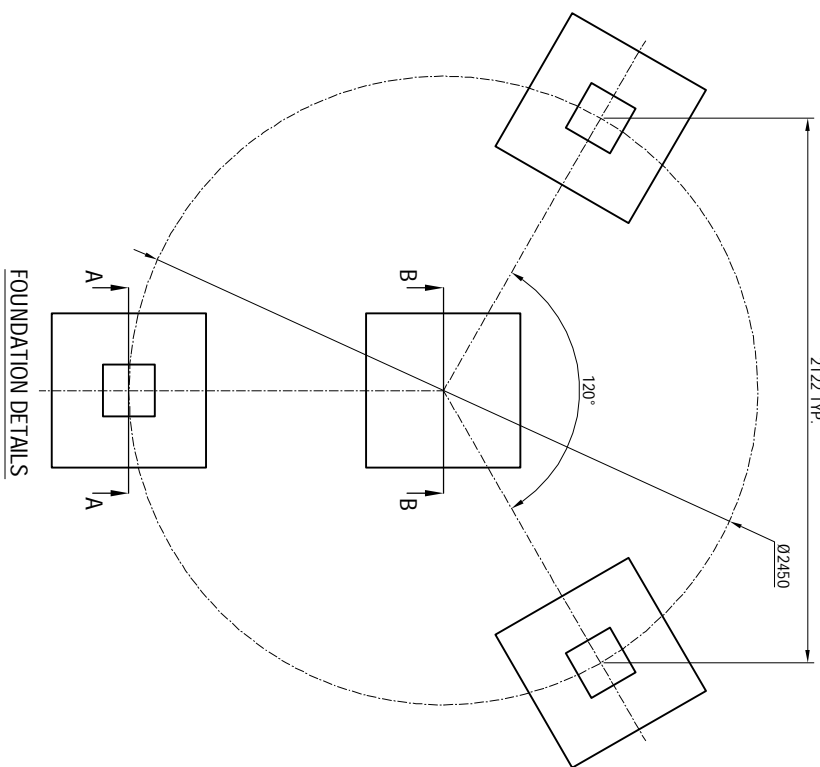
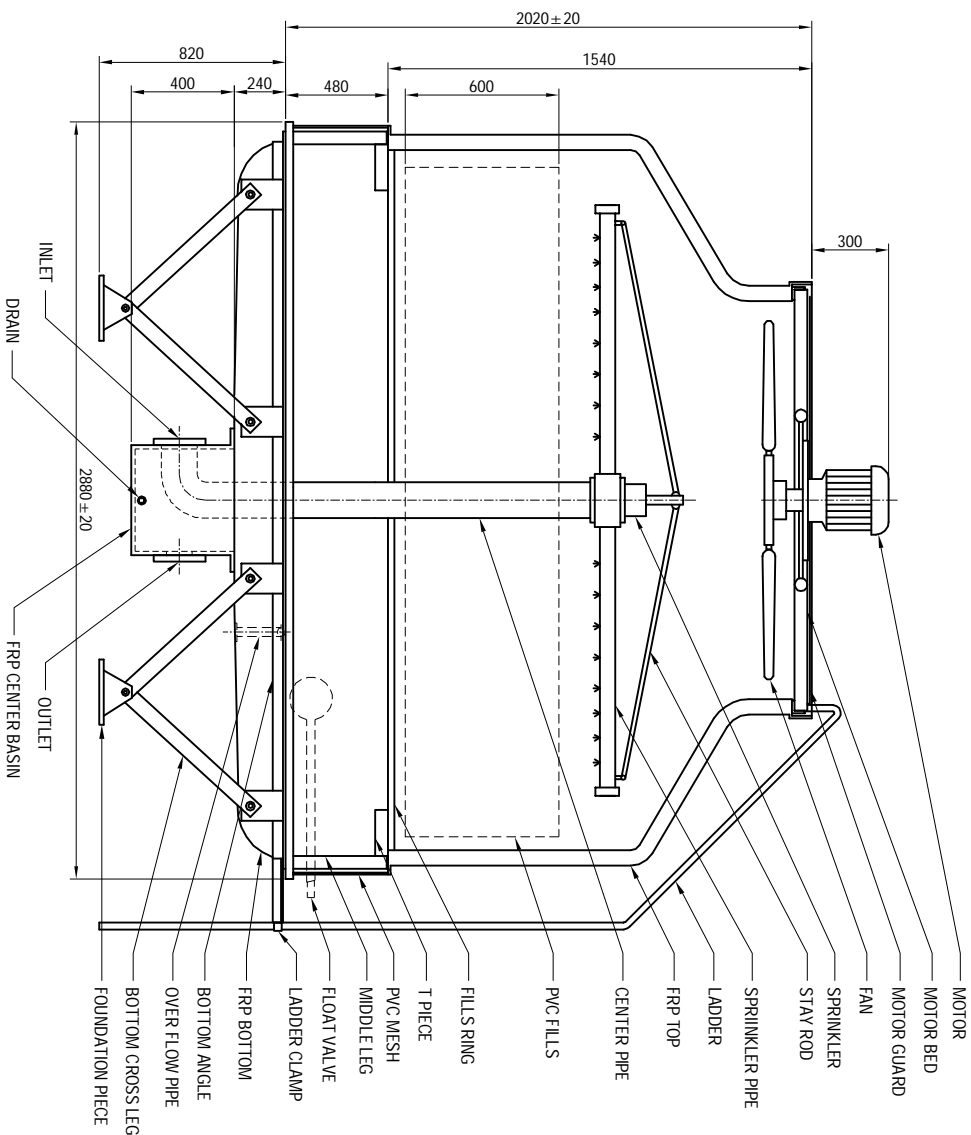


TOLERANCE ON LINEAR DIMENSIONS, IF NOT SPECIFIED	
DIM. RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	±2
> 4000	±3



TECHNICAL SPECIFICATION - GCT 100L			
SL. NO.	DESCRIPTION	UOM	PARAMETERS
1	TYPE OF COOLING TOWER		INDUCED DRAFT, COUNTER FLOW, EVAPORATIVE TYPE
2	COOLING CAPACITY	TR	100
3	OVERALL TOWER DIMENSIONS	mm	Ø 2880 x 3140 H
4	AIR INLET SIZE	mm	Ø 2750 x 400 H
5	MATERIAL OF TOWER STRUCTURE		FRP & HOT DIP GALVANIZED MS
6	MATERIAL OF LOUVER		FRP
7	MATERIAL OF PIPING		FRP & PVC
8	MOTOR		
	POWER / SPEED / MAKE		5 HP / 960 rpm / MAYUG
	TYPE		6 POLES, DUTY-S1, IP-55, EXTENDED SHAFT
	CLASS OF INSULATION		F
	SUPPLY		415 V, 50Hz
	RATED CURRENT	Amps	8.4 Amps
	CURRENT CONSUMED	Amps	7.5 Amps
9	FAN		
	TYPE		AXIAL FLOW & DIRECT DRIVEN
	FAN DIAMETER	mm	Ø 1400
	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, LT-55 °C
	SIZE	mm	600 L x 150 W x 300 H
	QUANTITY	NOS	140
	SURFACE AREA		
		m²	750
11	WATER DISTRIBUTION SYSTEM		
	TYPE		ROTATING SPRINKLER - 5°
	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 - 5" NB, IS2062
	WATER OUTLET		ANSI - 5" NB, IS2062
	FLOAT VALVE		1 1/2 BSP
	OVER FLOW		2" BSP
	DRAIN		1" BSP
15	Basin Capacity	litres	925
16	Shipping Weight	kg/cell	625 - APPROXIMATE
17	Operating Weight	kg/cell	1900 - APPROXIMATE


SECTION - "AA"

SECTION - "BB"

	NAME/SIGN		DATE
	SD		04.03.07
	MANI		18.07.16
	DRAWN		

GEM EQUIPMENTS (P) LTD

COIMBATORE - 641 407

UNDER CUSTOMER SCOPE.					
REV.No	DATE				
REVISION DETAILS		ALT. BY	CHKD. BY	APPD. BY	AREA NO.
<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;">  </div> <div style="width: 55%; text-align: center;"> <p>Trust - Technology</p> <p>DRAWING NO. / REV. NO.</p> <p>CHKD.</p> <p>APPD.</p> </div> </div>					
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.					
MACHINED SURFACE AS PER IS: 2102(Med)					
PROPERTY MATERIAL					
DRAWING No. 1782 REV 0					
TITLE GA & FOUNDATION DRAWING GCT 100L					
A3/ALL DIMENSIONS ARE IN mm	SCALE NTS	SHEET 1 OF 1			