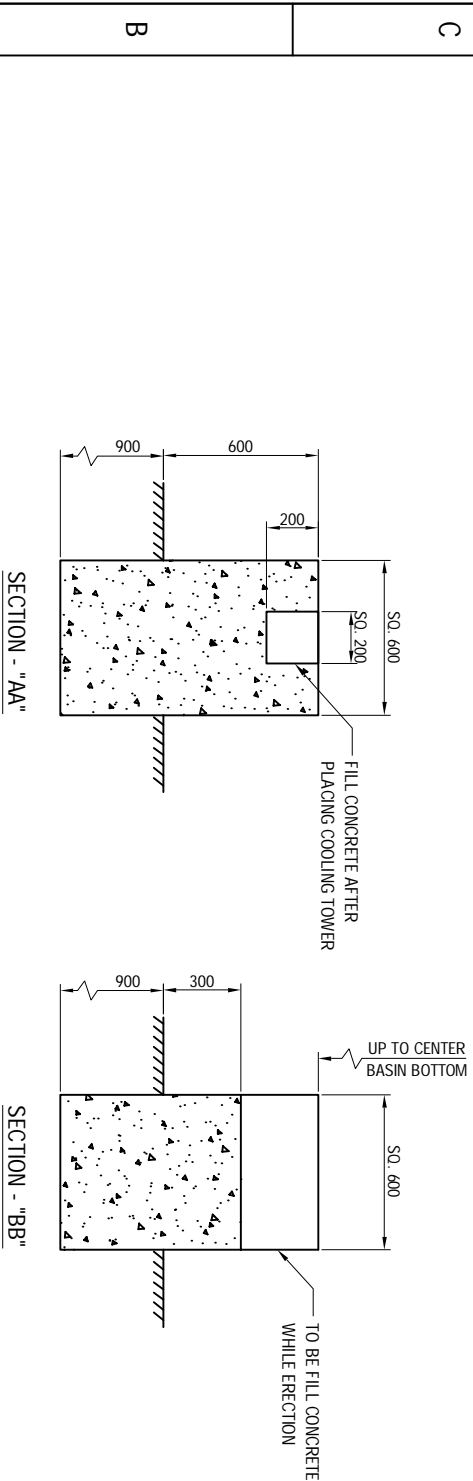
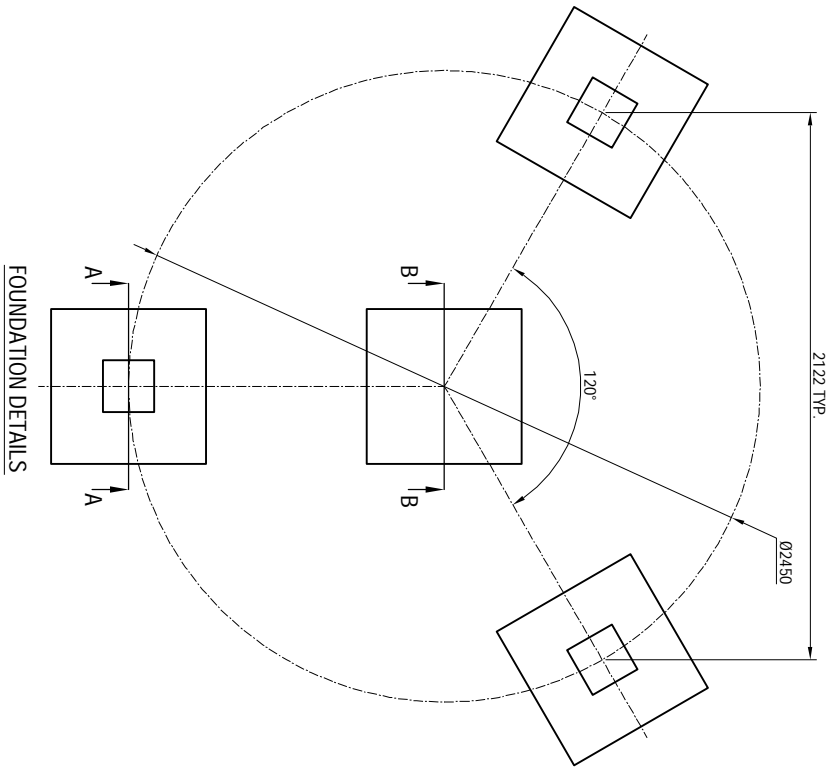
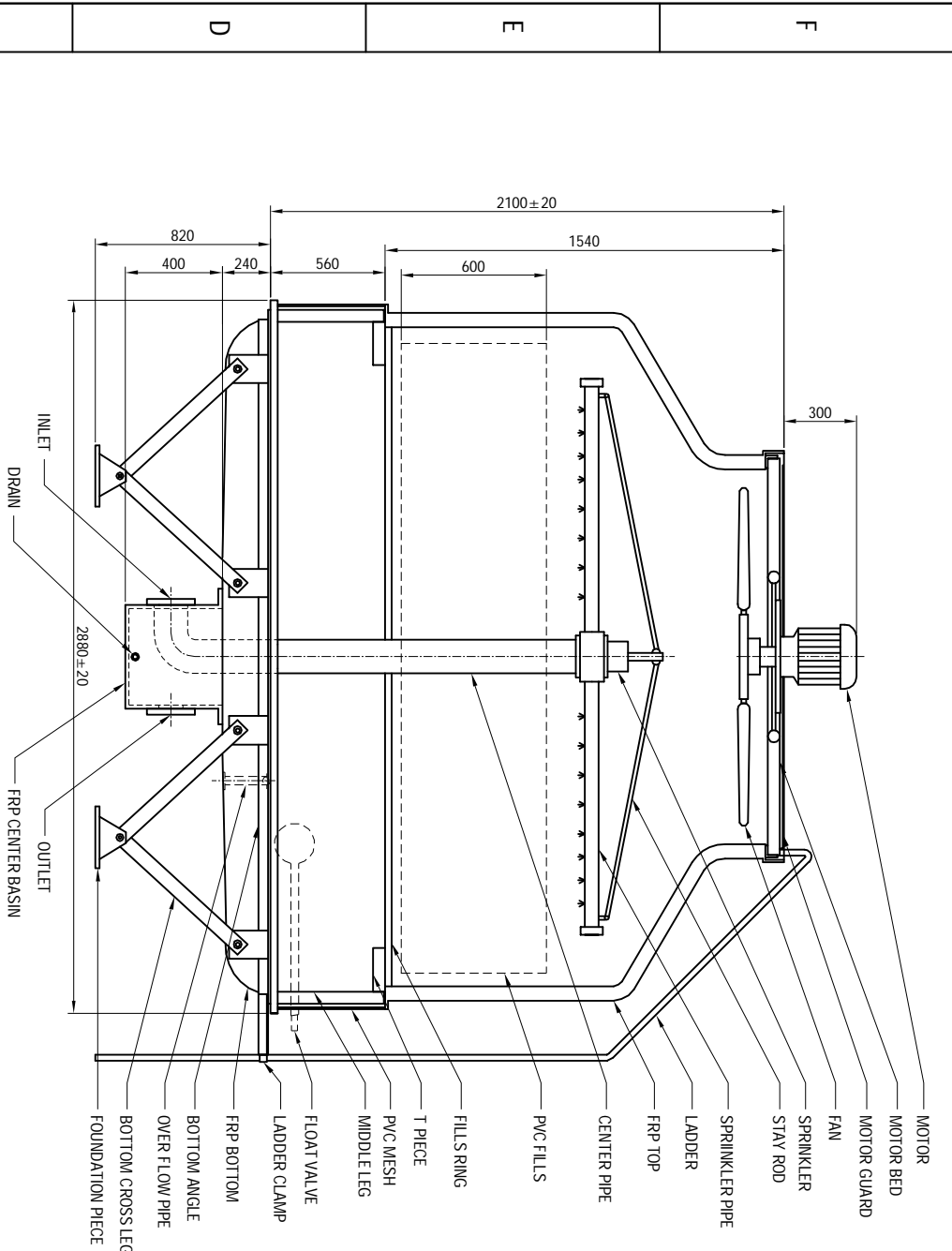


1		2	3	4	5
TOLERANCE ON LINEAR DIMENSIONS IF NOT SPECIFIED					
DIM RANGE	ALLOWABLE LIMITS				
OVER 0.5 TO 6	±0.1				
OVER 6 TO 30	±0.2				
OVER 30 TO 120	±0.3				
OVER 120 TO 315	±0.5				
OVER 315 TO 1000	±0.8				
OVER 1000 TO 2000	±1.2				
OVER 2000 TO 4000	±2				
> 4000	±3				



NOTE:
1. RCC CONCRETE & FOUNDATION BOLTS ARE UNDER CUSTOMER SCOPE
2. FOUNDATION BOLT - M12x150mm, 6NOS.

0			1
TECHNICAL SPECIFICATION - GCT 125H			
SL NO	DESCRIPTION	UOM	PARAMETERS
1	TYPE OF COOLING TOWER		INDUCED DRAFT, COUNTER FLOW, EVAPORATIVE TYPE
2	COOLING CAPACITY	TR	125
3	OVERALL TOWER DIMENSIONS	mm	0.2880 X 3220 H
4	AIR INLET SIZE	mm	0.2750 X 480 H
5	MATERIAL OF TOWER STRUCTURE		FRP & HOT DIP GALVANIZED MS
6	MATERIAL OF LOWER		FRP
7	MATERIAL OF PIPING		FRP & PVC
8	MOTOR		
	POWER / SPEED / MAKE		5 HP / 960 rpm / NAVUG
	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, HT-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 PRESURE	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	PPE 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	650 - APPROXIMATE
17	OPERATING WEIGHT	kg/CELL	1950 - APPROXIMATE

NAME/SIGN		DATE	GEM EQUIPMENTS (P) LTD COIMBATORE - 641 407		
DESIGN	SD	04.03.07			
DRAWN	MANI	08.08.16			
CHKD.					
APPD.					
MACHINED SURFACE AS PER IS:2102(Med.)					
PROPERTY MATERIAL					
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.					
DRAWING No.			GA & FOUNDATION DRAWING GCT 125H		
1785					
A3 ALL DIMENSIONS ARE IN mm			SCALE NTS SHEET 1 OF 1		

REV. NO	DATE	REVISION DETAILS
2		

ALT. BY	CHKD. BY	APPD. BY	AREA	DCR. NO.