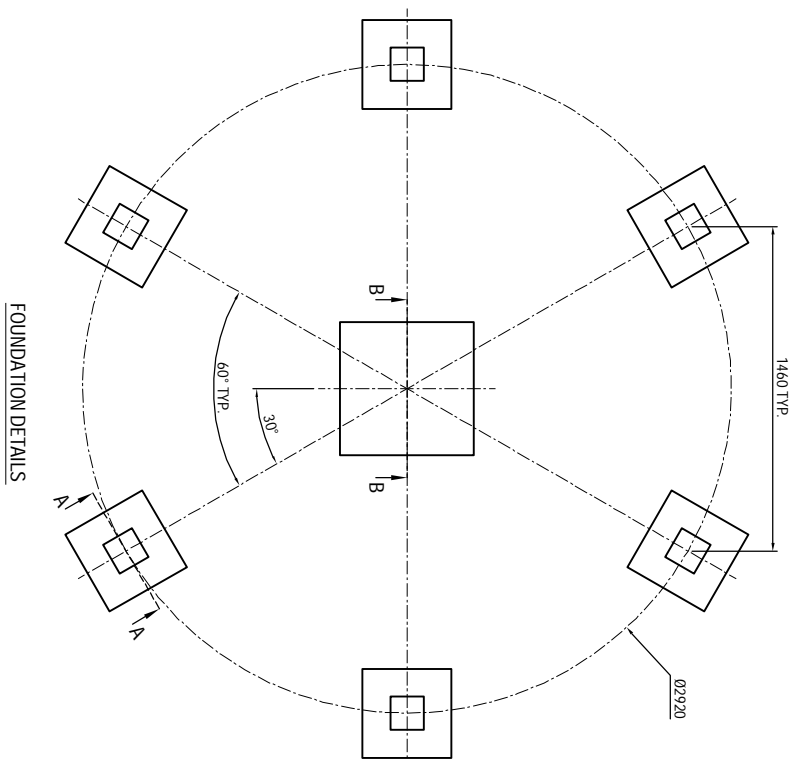
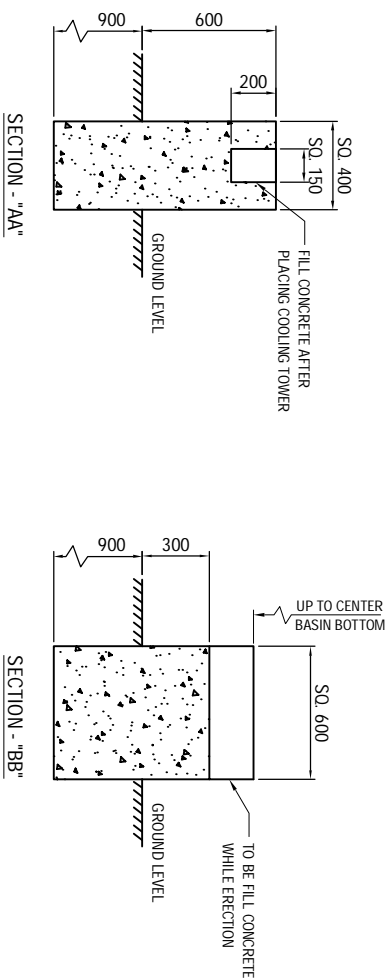
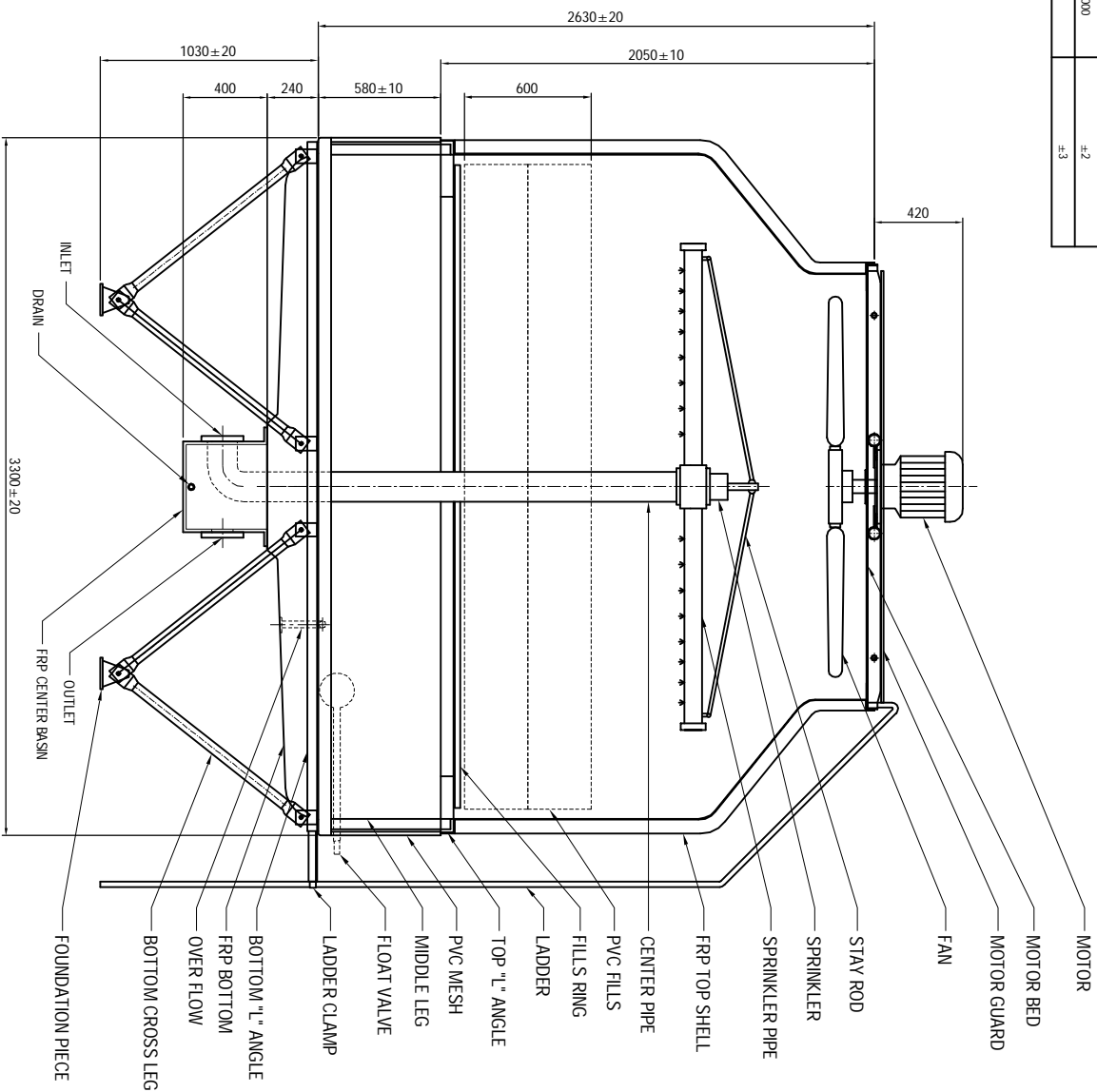


TOLERANCE ON LINEAR DIMENSIONS, IF NOT SPECIFIED	
DIM. RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	±2
>4000	±3



TECHNICAL SPECIFICATION - OCT 250H			
SL NO.	DESCRIPTION	UOM	PARAMETERS
1	TYPE OF COOLING TOWER		INDUCED DRAFT, COUNTER FLOW, EVAPORATIVE TYPE
2	COOLING CAPACITY	TR	250
3	OVERALL TOWER DIMENSIONS	mm	0 3300 x 4080 H
4	AIR INLET SIZE	mm	Ø 3200 x 550 H
5	MATERIAL OF TOWER STRUCTURE		FRP & HOT DIP GALVANIZED MS
6	MATERIAL OF LOOPER		FRP
7	MATERIAL OF PIPING		FRP & PVC
8	MOTOR		
	POWER / SPEED / MAKE		10 HP / 710 rpm / NANYANG
	TYPE		8 POLES, DUTY-S1, IP-55, EXTENDED SHAFT
	CLASS OF INSULATION		F
	SUPPLY		415 V, 50Hz
	RATED CURRENT	Amps	18 Amps
	CURRENT CONSUMED	Amps	15.6 Amps
9	FAN		
	TYPE		AXIAL FLOW & DIRECT DRIVEN
	FAN DIAMETER	mm	Ø 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 FAS TENERS		SS / GI
13	WATER LOSSES & REQUIREMENT		
	EVAPORATION LOSS (MAXIMUM)	%	0.59
	SPRAY LOSS (MAXIMUM)	%	0.26
	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	BSIN CAPACITY	litres	1550
16	SHIPPING WEIGHT	kg/CELL	1180 - APPROXIMATE
17	OPERATING WEIGHT	kg/CELL	3250 - APPROXIMATE

SECTION - "AA"

SECTION - "BB"

GROUND LEVEL

GROUND LEVEL

FILL CONCRETE AFTER PLACING COOLING TOWER

TO BE FILL CONCRETE WHILE ERECTION

UP TO CENTER BASIN BOTTOM

NOTE: RCC CONCRETE & FOUNDATION BOLTS ARE UNDER CUSTOMER SCOPE.

REV. No DATE REVISION DETAILS ALT. BY CHKD. BY APPD. BY AREA DCR. NO.

1 2 3 4 5 6 7


F/DSN/002/REV-1 1

GEM EQUIPMENTS (P) LTD  
COIMBATORE - 641 407

TITLE  
GA & FOUNDATION DRAWING GCT 250H

DRAWING No. 1791 REV 0

A3 ALL DIMENSIONS ARE IN mm SCALE NTS SHEET 1 OF 1

	NAME/SIGN		DATE	<b>GEM EQUIPMENTS (P) LTD</b> <b>COIMBATORE - 641 407</b>
	DESIGN	SD	04.03.08	
	DRAWN	MANI	08.08.16	
	TITLE			
CHKD.				GA & FOUNDATION DRAWING GCT 250H
APPD.				

MACHINED SURFACE AS PER IS:2102(1969)		DRAWING No.		REV
PROPERTY MATERIAL		1791		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

5	6	7