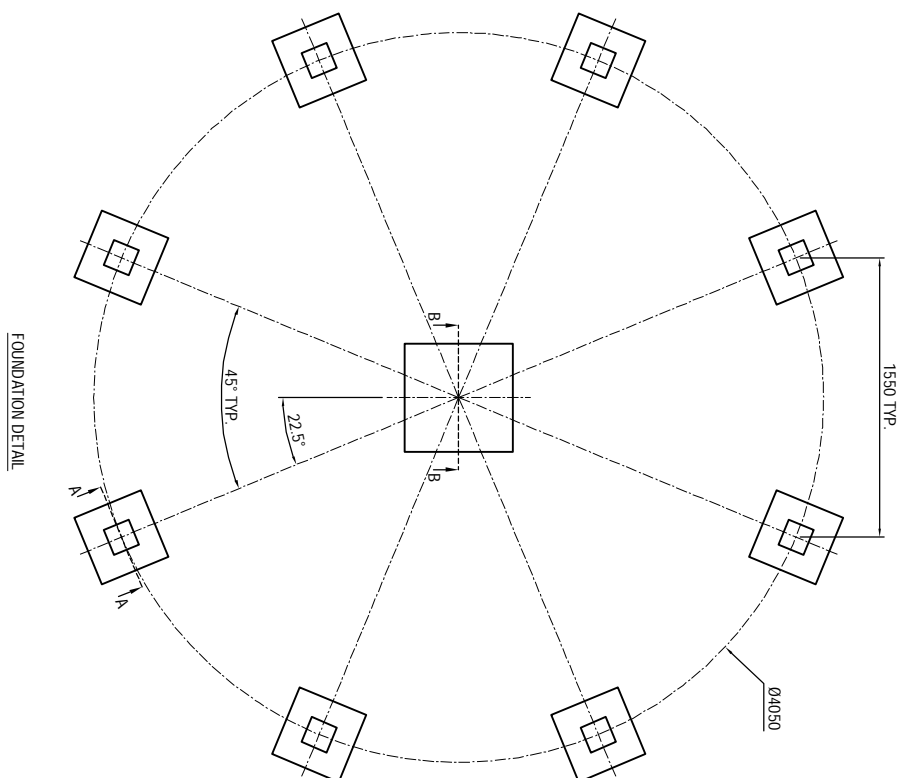
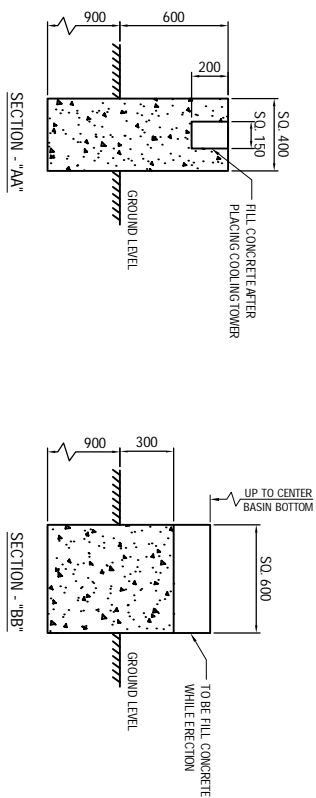
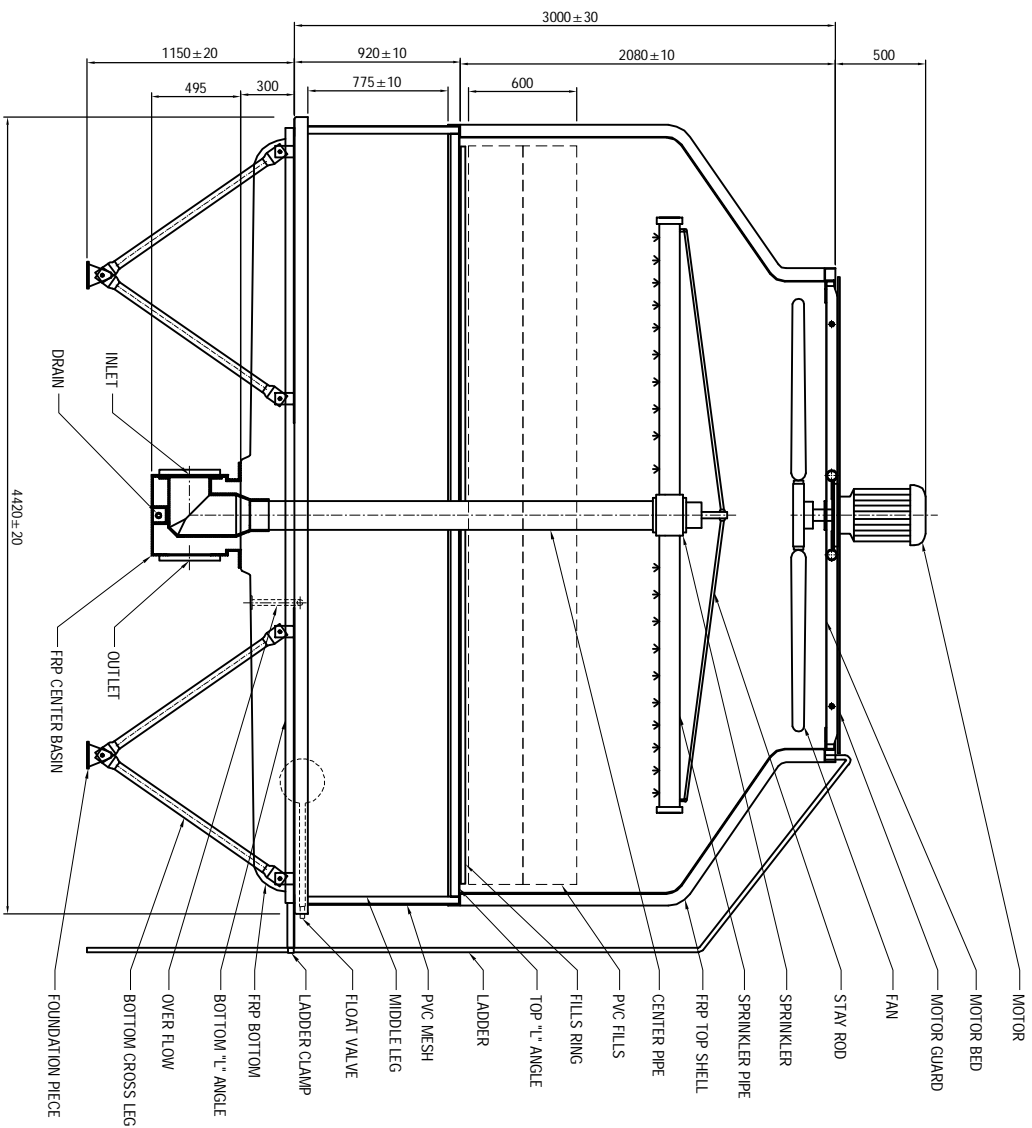


TOLERANCE ON LINEAR DIMENSIONS, IF NOT SPECIFIED	
DIM. RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	±2
>4000	±3



TECHNICAL SPECIFICATION FOR COOLING TOWER CDT 400L			
SL. NO.	DESCRIPTION	UOM	PARAMETERS
1	TYPE OF COOLING TOWER		INDUCED DRAFT / COUNTER FLOW / EVAPORATIVE TYPE
2	COOLING CAPACITY	TR	400
3	OVERALL TOWER DIMENSIONS	mm	Ø 4420 x 4650 H
4	AIR INLET SIZE	mm	Ø 4300 x 800 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		15 HP / 570 rpm / MAVUG
	TYPE		TEFC, IP-55 EXTENDED SHAFT
	CLASS OF INSULATION		F
	SUPPLY	415 V, 50Hz	
	RATED CURRENT	Amps	25 Amps
	CURRENT CONSUMED	Amps	21.3 Amps
9	FAN		
	TYPE		AXIAL FLOW & DIRECT DRAFT
	FAN DIAMETER	mm	Ø 2400
	NUMBER OF BLADES	NOS	4
	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	315
	SURFACE AREA	m²	1700
11	WATER DISTRIBUTION SYSTEM		
	TYPE		ROTATING SPRINKLER - 6"
	MATERIAL		ALUMINIUM & PVC
12	WORKING PRESSURE	bar (G)	0.8 - 1
	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 - 8" NB, IS2062
	WATER OUTLET		ANSI - 8" NB, IS2062
	FLOAT VALVE		1 1/2" BSP
	OVER FLOW		2" BSP
	DRAIN		1 1/4" BSP
15	BASIN CAPACITY	litres	3200
16	SHIPPING WEIGHT	kg/CELL	2350 - APPROXIMATE
17	OPERATING WEIGHT	kg/CELL	4250 - APPROXIMATE

<div><div><div><div></div><div>SECTION - "AA"</div><div>900</div></div><div><div></div><div>SECTION - "BB"</div><div>900</div></div></div></div>										<div><div><div><div><div><div><div></div><div>GEM</div><div>Trust ~ Technology</div></div></div><div><div>NAME/SIGN</div><div>DESIGN</div><div>DRAWN</div><div>CHKD.</div><div>APPD.</div></div><div><div>DATE</div><div>27.12.11</div><div>08.08.16</div><div></div><div></div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>TITLE</div><div>GA & FOUNDATION DRAWING GCT 400L</div></div></div></div>									
<div><div><div><div><div><div></div><div>NOTE:</div><div>1. RCC CONCRETE & FOUNDATION BOLTS ARE UNDER CUSTOMER SCOPE.</div><div>A</div></div></div><div><div><div></div><div>PROPERTY MATERIAL</div><div></div></div><div><div><div></div><div>DRAWING No.</div><div>1794</div></div><div><div><div></div><div>REV</div><div>0</div></div></div></div></div><div><div><div></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.</div></div></div></div></div></div>										<div><div><div><div><div><div></div><div>REV.No</div><div>DATE</div><div>REVISION DETAILS</div><div>ALT. BY</div><div>CHKD. BY</div><div>APPD. BY</div><div>AREA</div><div>DCR. NO.</div></div></div><div><div>5</div><div>6</div><div>7</div></div></div></div></div>									
<div><div><div><div></div><div>F/DSN/002/REV-1</div><div>1</div></div><div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div></div></div></div>																			

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