



S.No.	Description	Area	Sqm / Person	Total PAX	Cold water requirement				Flow To STP		
					Flushing	Domestic	Total Water Requirement	Domestic Water 85% Flow to STP	Flushing Water 85% Flow to STP	TOTAL	
					LPD	LPD	LPD	LPD	LPD	LPD	LPD
1	Lower Ground Floor Plan										
1.1	shops	781.00	3	281							
a)	Shop_Staff @10 %			28	20	530	25	650	1170	553	442
b)	Shop_Visitors @90%			235	10	2350	5	1175	3525	999	1998
2	Ground Floor Plan										
2.1	shops	1053.00	3	351							
a)	Shop_Staff @10 %			35	20	700	25	875	1575	744	595
b)	Shop_Visitors @90%			316	10	3160	5	1580	4740	1343	2686
3	First Floor Plan										
3.1	shops	1058.00	3	353							
a)	Shop_Staff @10 %			35	20	700	25	875	1575	744	595
b)	Shop_Visitors @90%			318	10	3180	5	1590	4770	1352	2703
4	Second Floor Plan										
4.1	shops	438.00	3	146							
a)	Shop_Staff @10 %			15	20	300	25	375	675	319	252
b)	Shop_Visitors @90%			131	10	1310	5	655	1965	557	1114
5	Third Floor Plan										
5.1	shops	142.00	Sheet	364							
a)	Shop_Staff @10%			364	10	3640	25	9100	12740	7735	8094
b)	Shop_Visitors @90%			36	10	360	25	900	1260	765	305
6	Fourth Floor Plan										
6.1	shops	300.00	Sheet	278							
a)	Shop_Staff @10 %			278	10	2780	25	6950	9730	5908	2363
b)	Shop_Visitors @90%			28	10	280	25	700	980	595	238
7	Fifth Floor Plan										
7.1	shops	210.00	Sheet	116							
a)	Shop_Staff @10 %			116	10	1160	25	2900	4060	2465	986
b)	Shop_Visitors @90%			12	10	120	25	300	420	255	102
8	Other										
E	Irrigation landscape/ green area	330	6					1980			
F	Makeup for Chiller Cooling Tower							56000		56000	
G	Domestic Floor Wash							5000		5000	
<b>TOTAL</b>											
<b>TOTAL IN KLD</b>											
<b>Add Contingency 10%</b>											
<b>SAY</b>											
					20	35	130	30	20	20	50

Note-1: Water storage capacity has been planned which will be ensured availability of water for 1.5 days (one day underground & 0.50 day overhead)  
 Note-2: Proposed 2 numbers of tanks of 35 cum in Plumbing Plant Room (1 Raw + 1 Dom water tanks)  
 Note-3: Proposed 2 numbers of tanks of 100 cum in Plumbing Plant Room (Fire water tanks)  
 Note-4: Proposed 1 numbers of tanks of 20 cum in STP (Flushing water tanks)  
 Note-5: Proposed 1 numbers of tanks of 60 cum in STP (Soft water tank)  
 Note-6: All tanks should have compartmentation for the maintenance purpose.  
 Note-7: STP Cap. = sewerage discharge + 20% additional as/MSDF guideline. = 50-10-60KLD, SAY-60 KLD  
 Note-8: Occupancy considered is from the NBC Part -04, Table-3, Page no. 29. Needs approval from the Client/Architect - This page no. refers to NBC 2016

**CLIENT**  
GYGY DEVELOPERS PVT/LTD

**PROJECT**  
GYGY FIVE AT PLOT NO. 1B,  
BLOCK NO - F, SECTOR -50

**PRINCIPLE ARCHITECT**  
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**DRAWING TITLE:**  
PLUMBING LAYOUT

**NORTH**

