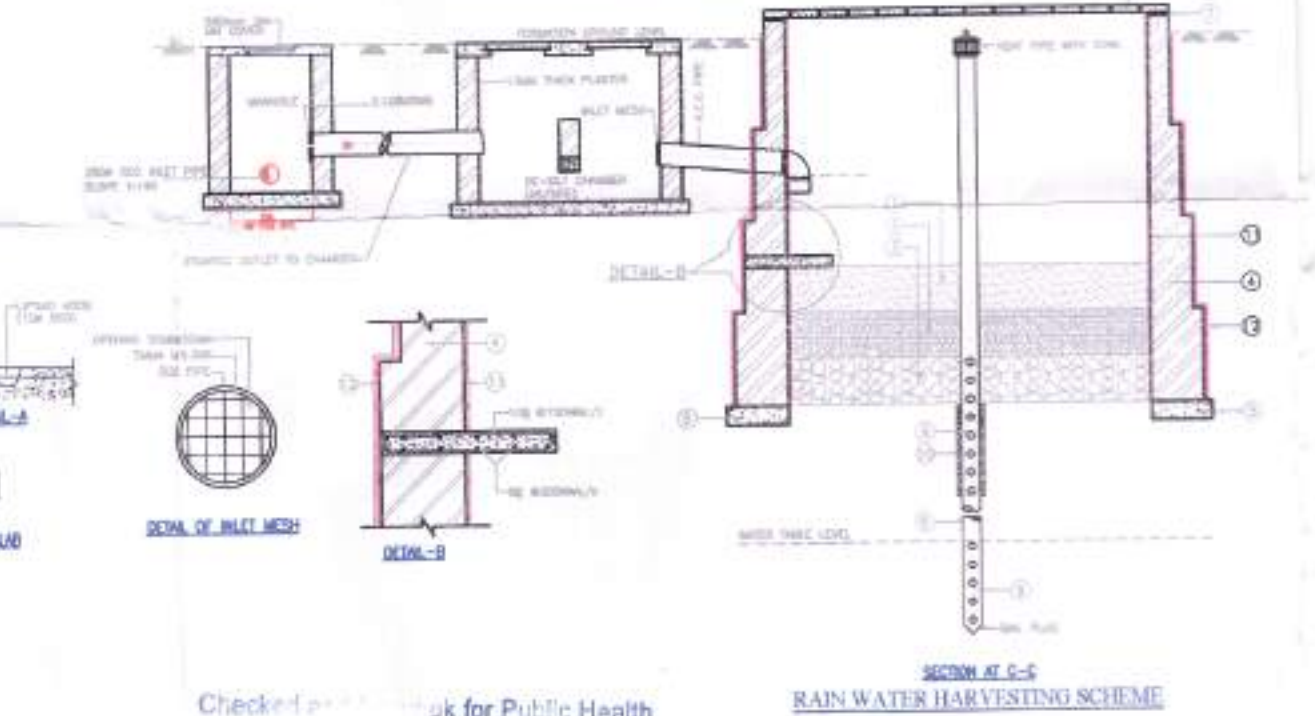
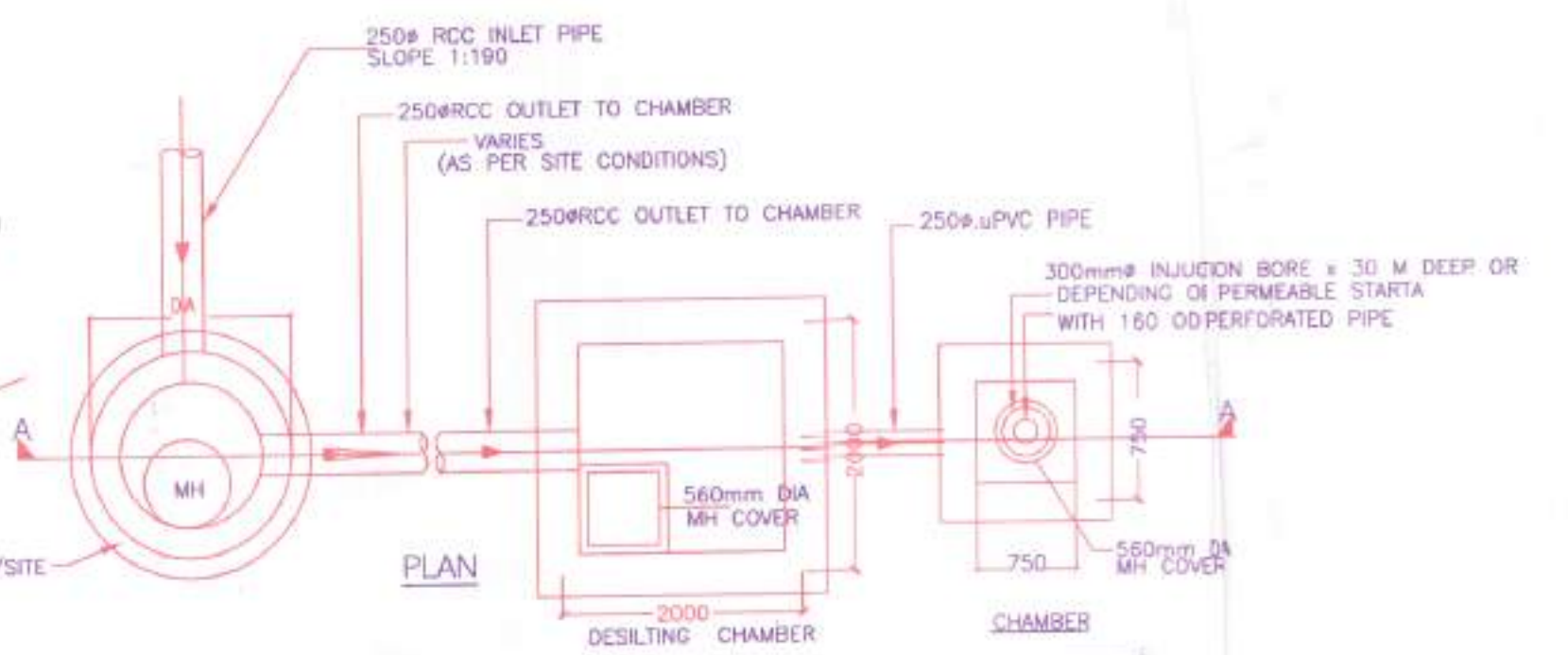
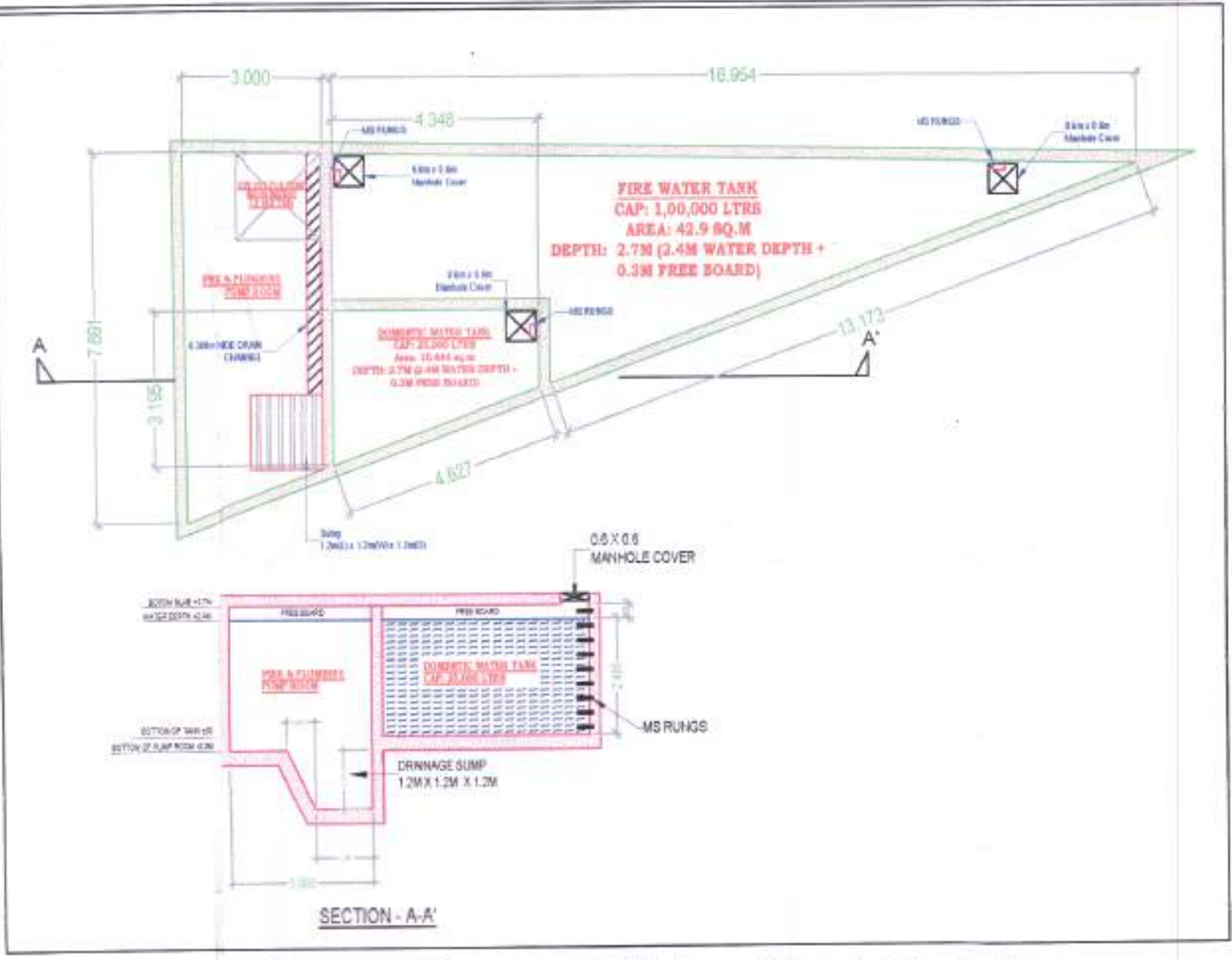
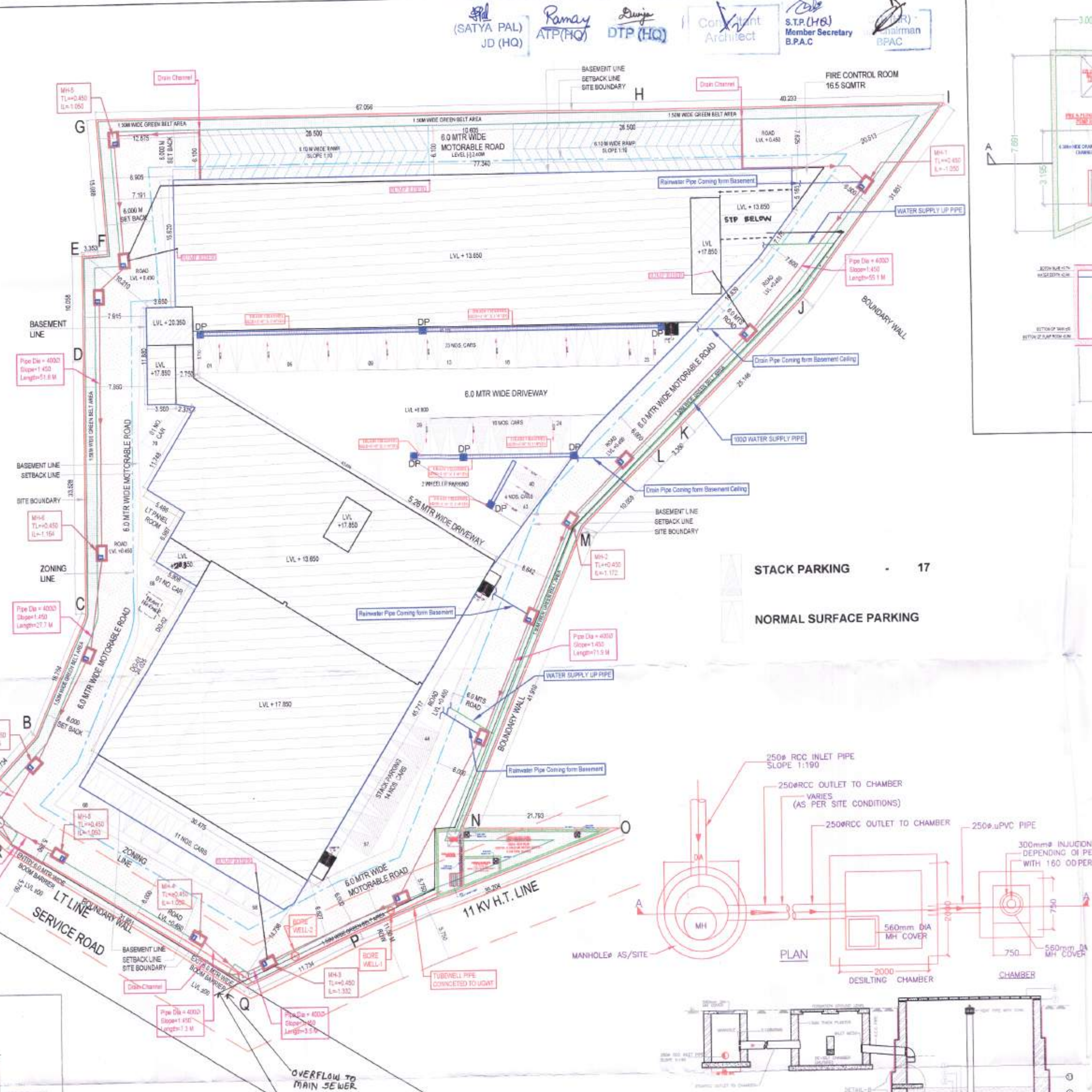
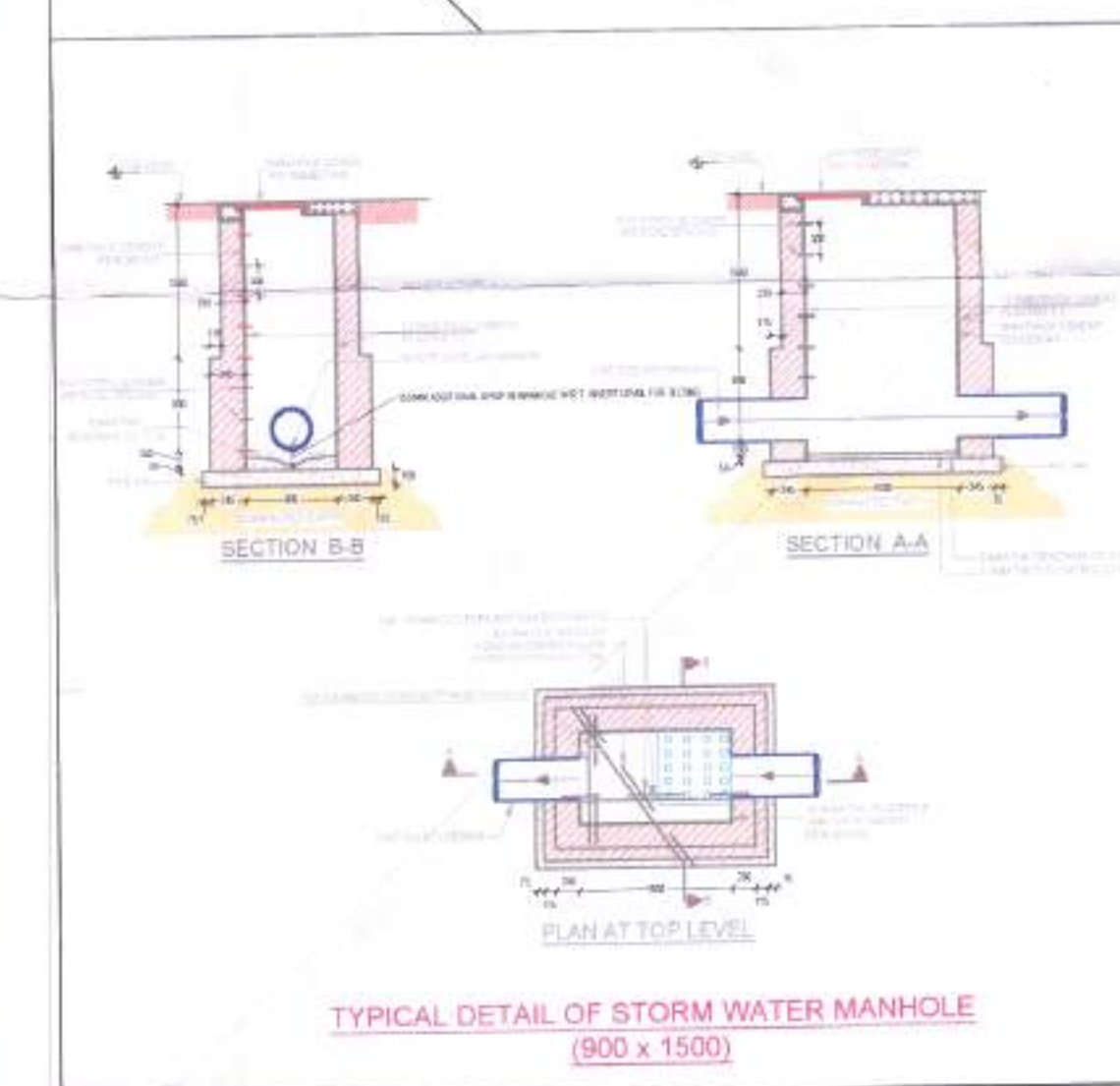
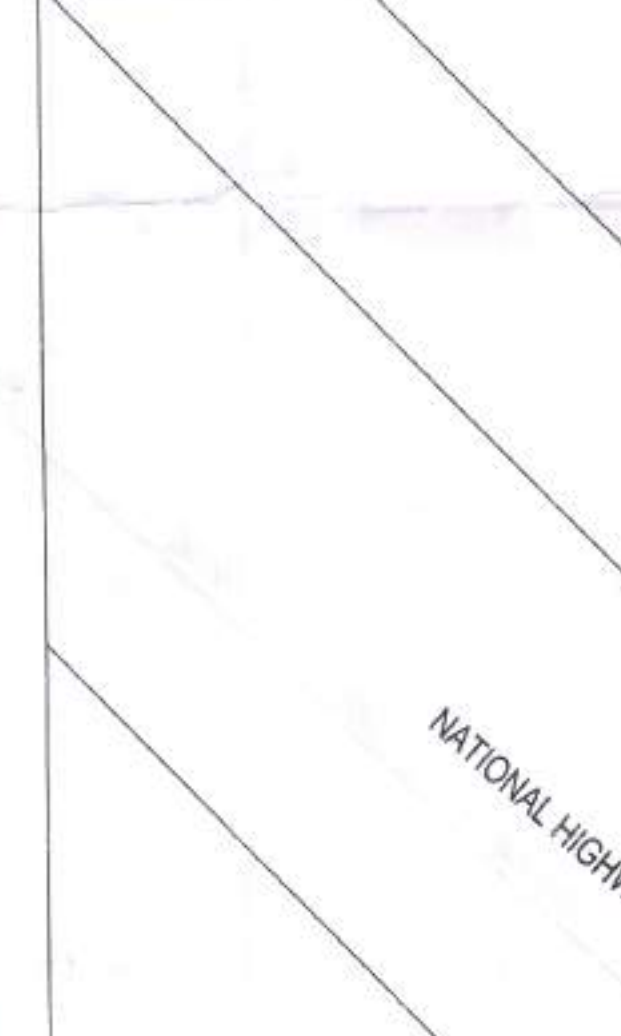
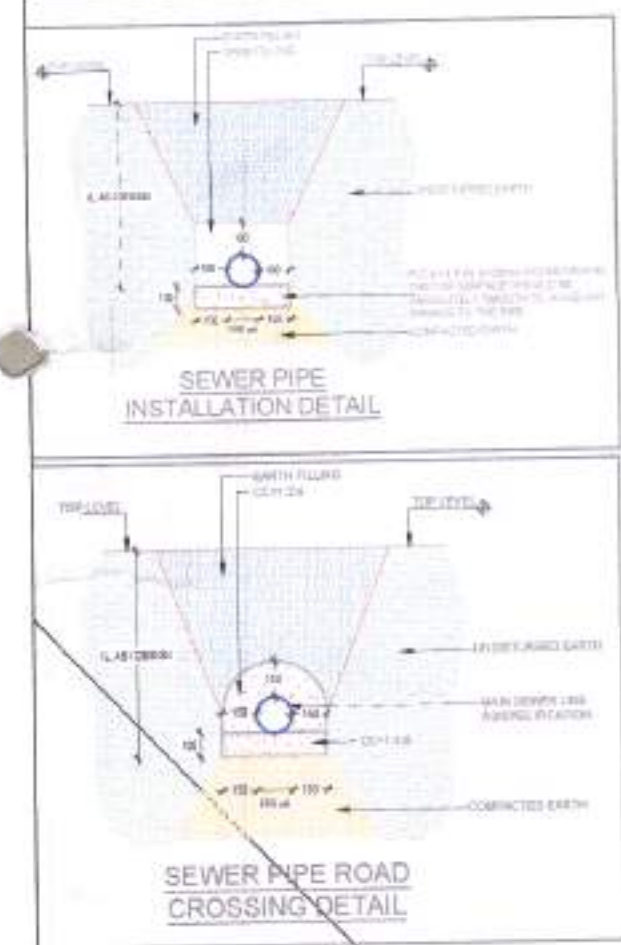
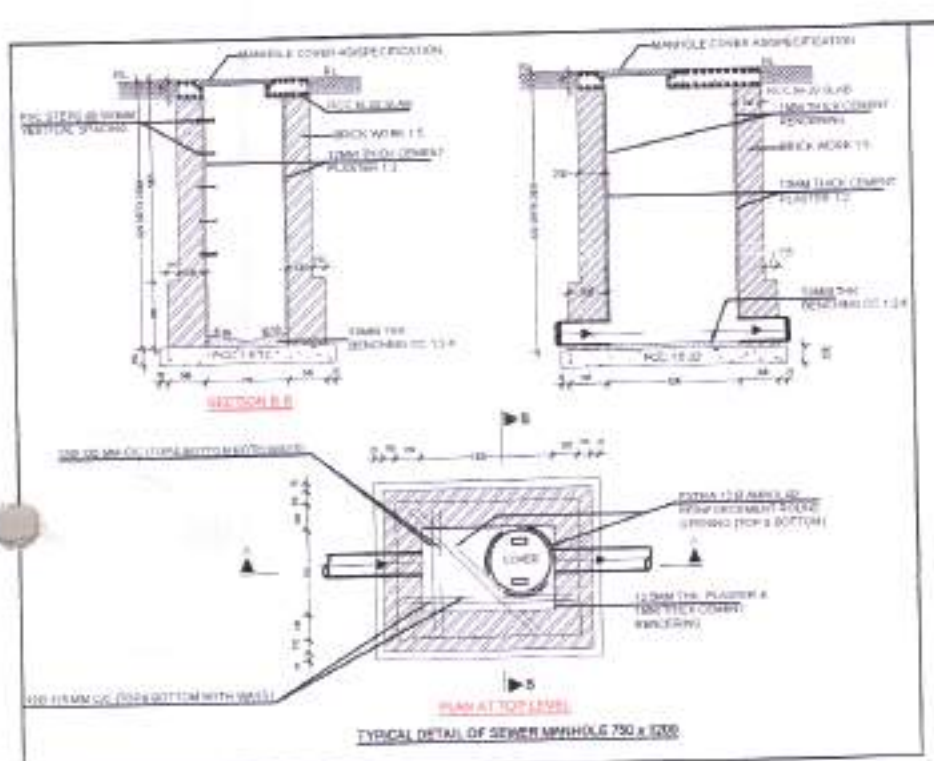


(SATYA PAL) JD (HQ) Ramay ATP(HQ) DTP (HQ) Cor Vant Architect S.T.P. (HIS) Member Secretary B.P.A.C. Chairman B.P.A.C.



**Legend**

Symbol	Description
1	1100 Soil Waste Pipe
2	1100 Waste Pipe
3	1100 Rainwater Harvesting Pipe
4	320 Domestic Water Supply DownTake Pipe
5	320 Flushing Water Supply pipe DownTake
6	500 Domestic Water Supply Up Pipe
7	500 Flushing Water Supply Up Pipe

**LEGEND FOR INTERNAL SEWER DRAINAGE**

Symbol	Description
1	1100 WASTE PIPE
2	1100 SOIL PIPE
3	500 WASTE PIPE
4	1100 RAIN WATER PIPE
5	DOMESTIC WATER SUPPLY
6	FLUSHING WATER SUPPLY

- NOTES-**
- ALL LIFTS SHALL HAVE 100% POWER BACKUP.
  - ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISION OF NBC.
  - FIRE - FIGHTING SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS.
  - BASEMENT AREA SHALL BE MECHANICALLY VENTILATED AS PER RELEVANT CODE.
  - ALL TOILETS ARE VENTILATED AS PER HARYANA BUILDING CODE.
  - BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHERE EVER REQUIRED BY NBC.
  - BUILDING WILL BE DESIGNED ( STRUCTURES ) AS PER RELEVANT CODE I.S. CODES FOR EARTHQUAKE RESISTANCE.
  - SOLAR PANEL OF REQUIRED CAPACITY SHALL BE PROVIDED ON ROOF TOP AS PER HAREDA / ZONING NORMS.
  - ALL HANDICAP RAMPS WITH RAILING.

TOTAL AREA	=	7233.74	SQ.MTS.
	=	1.7875	ACRES
PERMISSIBLE GROUND COVERAGE	=	60%	
	=	4340.246	SQ.MTS.
PROPOSED GROUND COVERAGE	=	3243.283	SQ.MTS.
	=	44.84	%
PERMISSIBLE FAR	=	1.5	
	=	10850.616	SQ.MTS.
PROPOSED FAR- GROUND FLOOR	=	3030.783	SQ.MTS.
FIRST FLOOR	=	2795.819	SQ.MTS.
SECOND FLOOR	=	2795.819	SQ.MTS.
THIRD FLOOR	=	710.939	SQ.MTS.
TOTAL FAR ACHIEVED	=	9333.36	SQ.MTS.
	=	129.03	%
ECS REQUIRED @ 1 ECS/50 SQM.	=	187	NOS.
ECS PROVIDED AT BASEMENT LEVEL	=	117	NOS.
ECS PROVIDED AT GROUND LEVEL	=	70	NOS.
TOTAL ECS PROVIDED	=	187	NOS.
PROPOSED NON FAR AREA			
BASEMENT AREA	=	4158.614	SQ.MTS.
MUMTY AREA	=	142.297	SQ.MTS.
MACHINE ROOM AREA	=	61.393	SQ.MTS.
OVER HEAD WATER TANK AREA	=	26.027	SQ.MTS.
TOTAL NON FAR AREA	=	4388.331	SQ.MTS.
TOTAL BUILT-UP AREA	=	13721.69	SQ.MTS.

**PROJECT TITLE**

PROPOSED BUILDING PLANS FOR COMMERCIAL COLONY (UNDER LEFT OVER POCKET POLICY) AREA MEASURING 1.7875 ACRES (LICENSE NO.194 OF 2023 DATED 22.09.2023) IN SEC-4, AMBALA BEING DEVELOPED BY SURYANSH BUILDERS AND DEVELOPERS PVT. LTD.

AUTHORIZED SIGNATORY:- ARCHITECT'S SIGNATURE:-

*Raj Kumar*

For Projected Rays  
By Rohan Jain  
CA/46432/2009 Prop.

SHEET TITLE  
**SITE PLAN**

DDY(HQ)  
Member  
B.P.A.C.

SUBMISSION DRAWING

JOB No. \_\_\_\_\_

Scale N.T.S.

Date 19-01-2024 DRAWING NUMBER

Drawn by ANSHUL 01 OF 08

**Water Demand & Calculation Based on National Building Code of India 2016**

S. No	Description	Multi-dwelling unit or Area in sqm	Popula tion / Unit or per sqm	Total Popula tion	Water Demand d in LPCD	Total Water Demand d in LPCD	Domes tic Water Demand d in LPCD	Total Flushi ng Water Demand d in LPCD	Total Water Demand d in LPCD	80% of Domes tic Demand in LPCD	100% of Flushi ng Demand in LPCD	Total Flow in LPD	
1	Commercial	3023	3	1010	101	45	4545	20	2020	25	2545	2020	4040
(i)	Ground Floor				909	15	13635	10	8090	5	4545	3636	9090
	Floating Population @ 10% of Total				101	45	4545	20	2020	25	2545	2020	4040
(ii)	First Floor	2796	6	488	47	45	2115	20	940	25	1175	940	1980
	Floating Population @ 10% of Total				419	15	6285	10	4190	5	2095	1676	4190
(iii)	Second Floor	2796	6	488	47	45	2115	20	940	25	1175	940	1980
	Floating Population @ 10% of Total				419	15	6285	10	4190	5	2095	1676	4190
(iv)	Third Floor	711	6	119	12	45	540	20	240	25	300	240	480
	Floating Population @ 10% of Total				107	15	1505	10	1070	5	635	428	1498
	Total for Commercial						37125		22690		14448		34239

**Abstract of Water Demand & STP Capacity**

Total Water Demand	35	KLD
Total Domestic Water Demand	23	KLD
Total Flushing Water Demand	15	KLD
Flow to sewer	34	KLD
STP Capacity (Add @ 20% as per MOEF)	41	KLD
Excess STP Capacity	6	KLD
Total recycled water available per day (80% of Waste)	31	KLD
Excess STP Treated Water to be disposed in Main Sewer	16	KLD

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO.: 11299 DATED: 03-04-2024.

Checked for Public Health (if any) daily subject to comments in the letter No. \_\_\_\_\_

Superintending Engineer (HQP) for Chief Engineer - HSVP, Panchkula

Recommended for Sanction to be read with memo no. 717 dated 04/03/24

Senior In-charge Panchkula