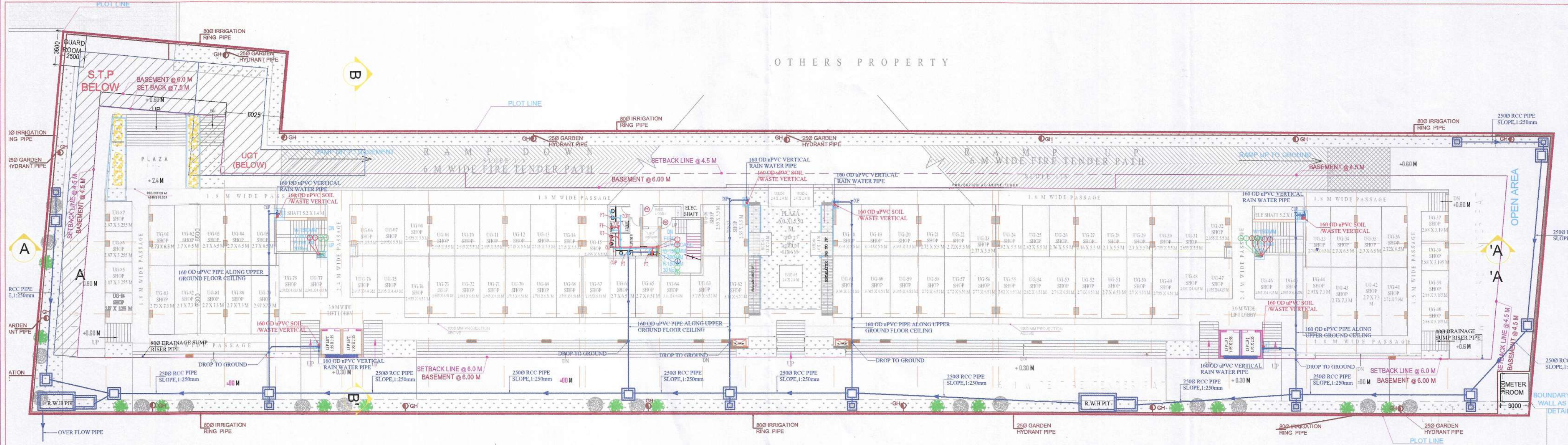




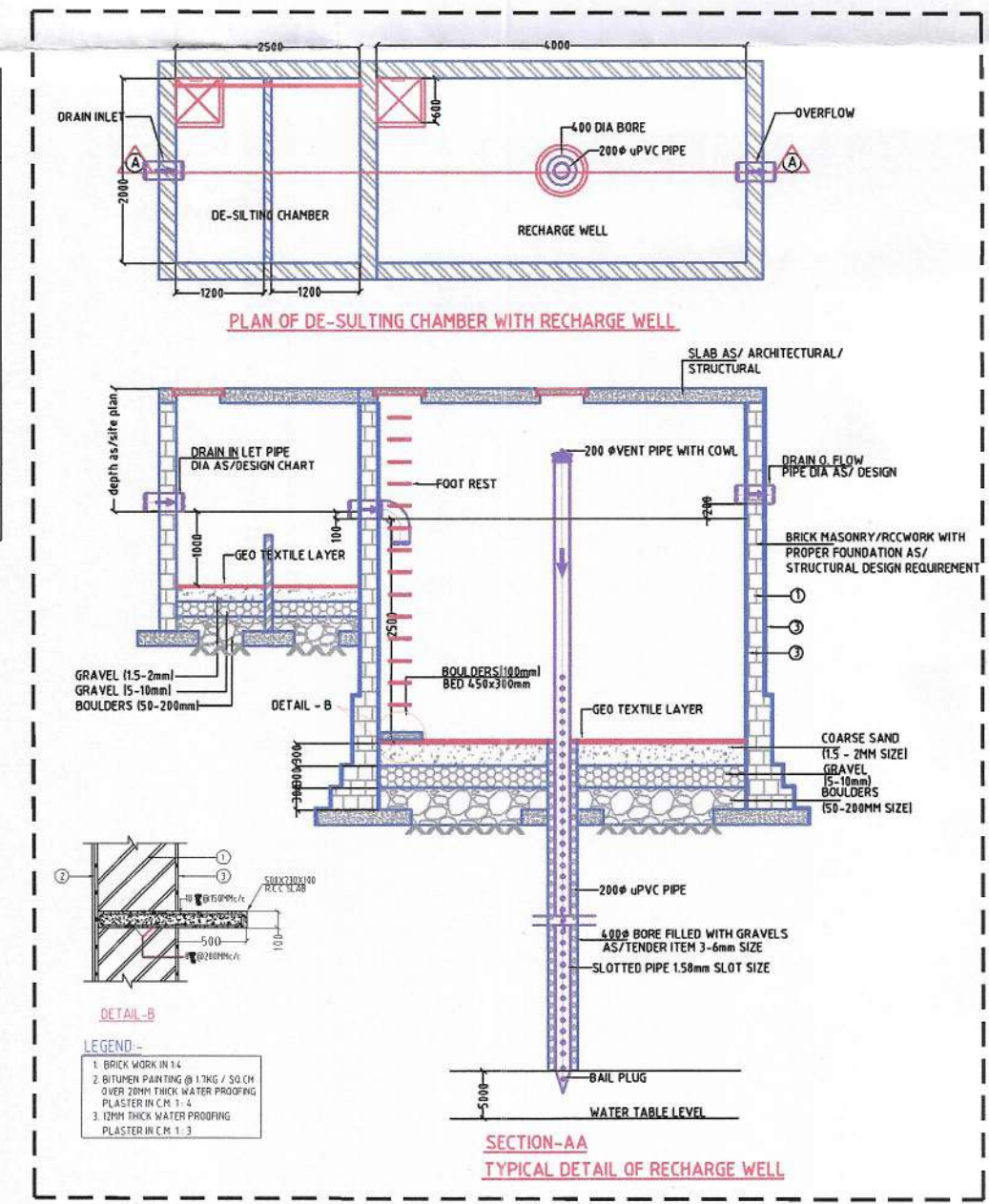
YAMUNA EXPRESSWAY (SERVICE ROAD)

UPPER GROUND FLOOR PLAN SHOPS

LEGEND	
SYMBOL	DESCRIPTION
	DRAINAGE LINE (BLUE COLOR)
	ROAD GULLY CHAMBER=500X450 mm
	RECTANGULAR MANHOLE=900 X800 mm (DRAIN)
	COLD WATER LINE (GREEN COLOR)
	GARDEN HYDRANT LINE (BROWN COLOR)
	FLUSHING WATER LINE (BROWN COLOR)
	MUNICIPAL LINE (GREEN COLOR)
 GH	GARDEN HYDRANT (BROWN COLOR)
PLUMBING SUBMISSION	

S.NO.	DESCRIPTION	SYMBOL
1.	100mm DIA VERTICAL SOIL & VENT PIPE	①
2.	100mm DIA VERTICAL WASTE & VENT PIPE	②
3.	COLD WATER DOWN TAKE PIPE	③
4.	100mm DIA RAIN WATER PIPE FROM TERRACE	④
5.	75mm DIA BALCONY WASTE PIPE	⑤
6.	FLUSHING WATER DOWN TAKE PIPE	⑥
7.	DOMESTIC WATER RISER PIPE	⑦
8.	FLUSHING WATER RISER PIPE	⑧
9.	FLOOR TRAP	FT
10.	FLOOR DRAIN	FD
11.	DRAIN POINT	DP
12.	DOMESTIC WATER SUPPLY LINE	DWS
13.	FLUSHING WATER SUPPLY LINE	FWS
14.	25mm DIA FLUSHING WATER RISER LINE	FWR
15.	32mm DIA DOMESTIC WATER RISER LINE	DWR
16.	SOIL PIPE LINE	—
17.	WASTE PIPE LINE	—

LEGENDS
 SHOP SIZE DEPICT THEIR BUILUP AREA
 PLOT LINE
 BASEMENT LINE
 SETBACK LINE
 15 % PRESCRIBED FAR
 NON FAR
 25 % AREA COUNT IN FAR



GYC-18 RWH CALCULATION				
S.No.	Description	Area (sqm)	C	Intensity (mm/day)
1	Paved Area	2250.8	0.80	25.00
2	Roof Top Area	1999.2	0.90	
3	Green Area	750	0.15	
Q=10CIA				
where,				
Q = Runoff, m ³ /day				
C = Runoff Coefficient				
I = Rainfall Intensity mm/hr				
A = Area in hectare				
Runoff Load Paved Area		45.02		
Runoff Load Roof Top Area		44.98		
Runoff Load Roof Top Area		2.81		
Total runoff Load		92.81		
Considering 15min Retention		23.20 cum	(i)	
Percolation Pit Size				
L	Length	3.50 m		
B	Width	1.50		
H	Depth	2.50 m		
Volume of 1 Nos. Pit		13.13 cum	(ii)	
Number of pits required (i)/(ii)		1.77 Nos.		
Say		2.00 Nos.		
Note:- If Water table is high than percolation pit will not be suitable, So, Similar Capacity of (i) tank should be proposed or may be 2 number of proposed size should be installed and that water will be reused during dry days				

CLIENT

M/s Saviour Infa Pvt Ltd.

PROJECT

PROPOSED COMMERCIAL COMPLEX AT PLOT NO. 18 GYC, POCKET - 03, L.F.D - 03, SECTOR - 19 YEIDA GR. NOIDA (U.P.)

ARCHITECTS

DESIGN ASSOCIATES.
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APPROVAL ☐ ADVANCE COPY ☐ SUBMISSION ☒ CONSTRUCTION ☐

SCALE = N.T.S

ARCHITECT'S SIGNATURE

KAILASH AGGARWAL
 ARCHITECT
 (CA-86-40089)
 J-16, SECTOR-41

Drawing Title: RAIN WATER HARVESTING DRG.

OWNERS SIGNATURE

For SAVIOUR INFRA PVT. LTD.
 Himanshu Jaiswal
 Authorised Signatory

Drawing No: SD/R.W.H/1