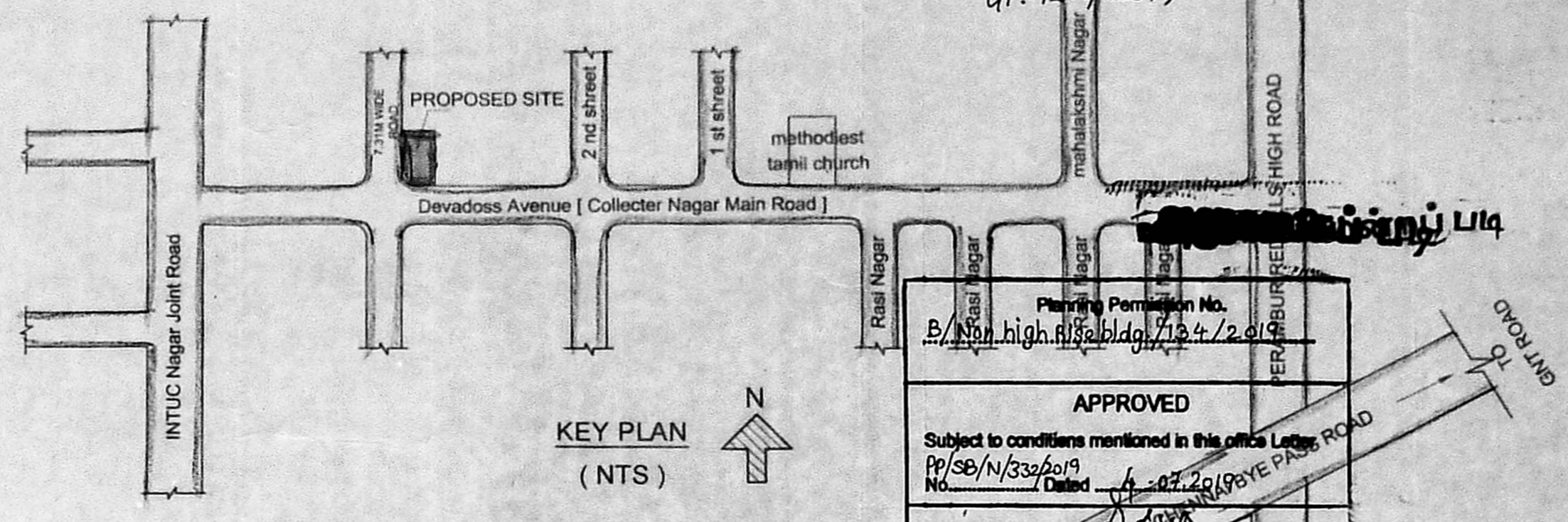
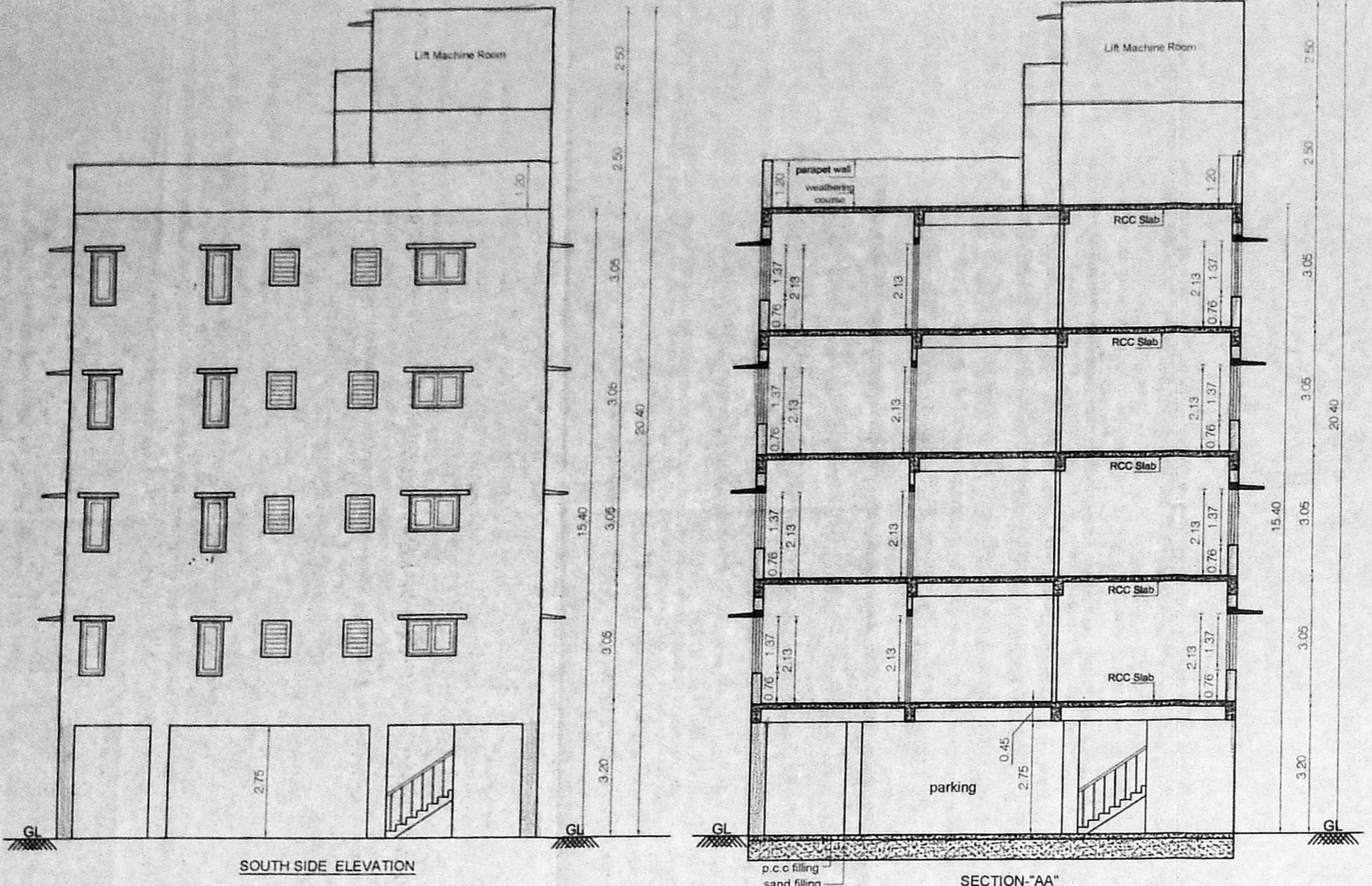
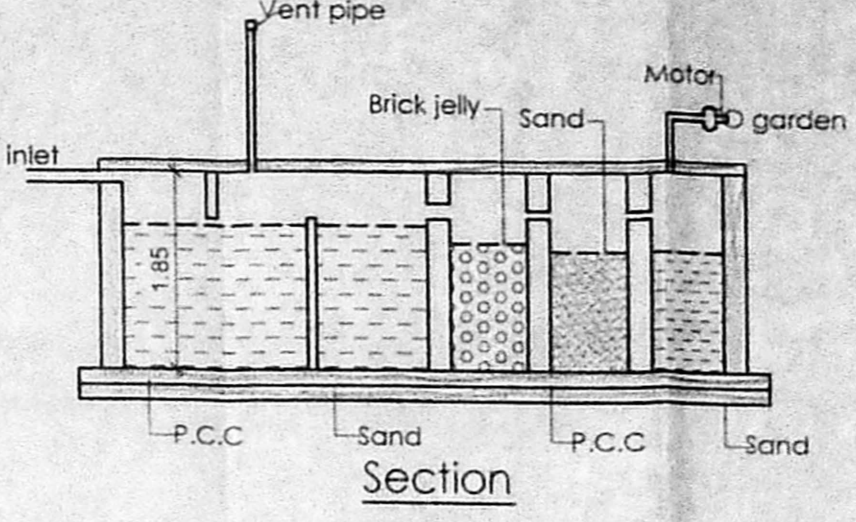
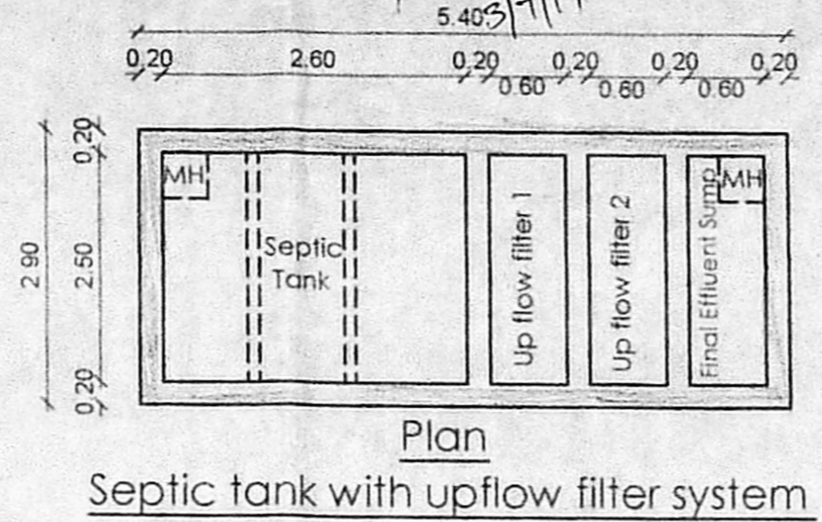
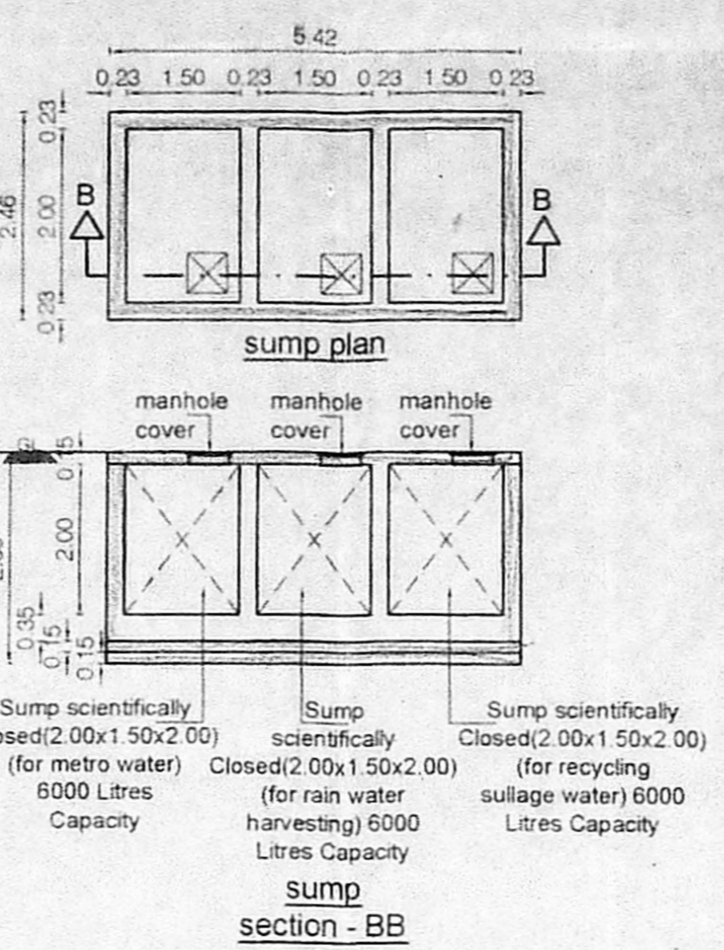


The PP issued under the ROAD CD & BR, 2019 is subject to outcome of wp.(MD) No. 8948 of 2019 & wp.(MD) No. 6912 & 6913 of 2019 dt. 12-4-2019

TYPE	SIZE
M1	DOOR 1.00 x 2.13
D1	DOOR 0.90 x 2.13
D2	DOOR 0.90 x 2.13
W1	WINDOW 1.22 x 1.37
W2	WINDOW 0.90 x 0.90
V1	VENTILATOR 0.60 x 0.90

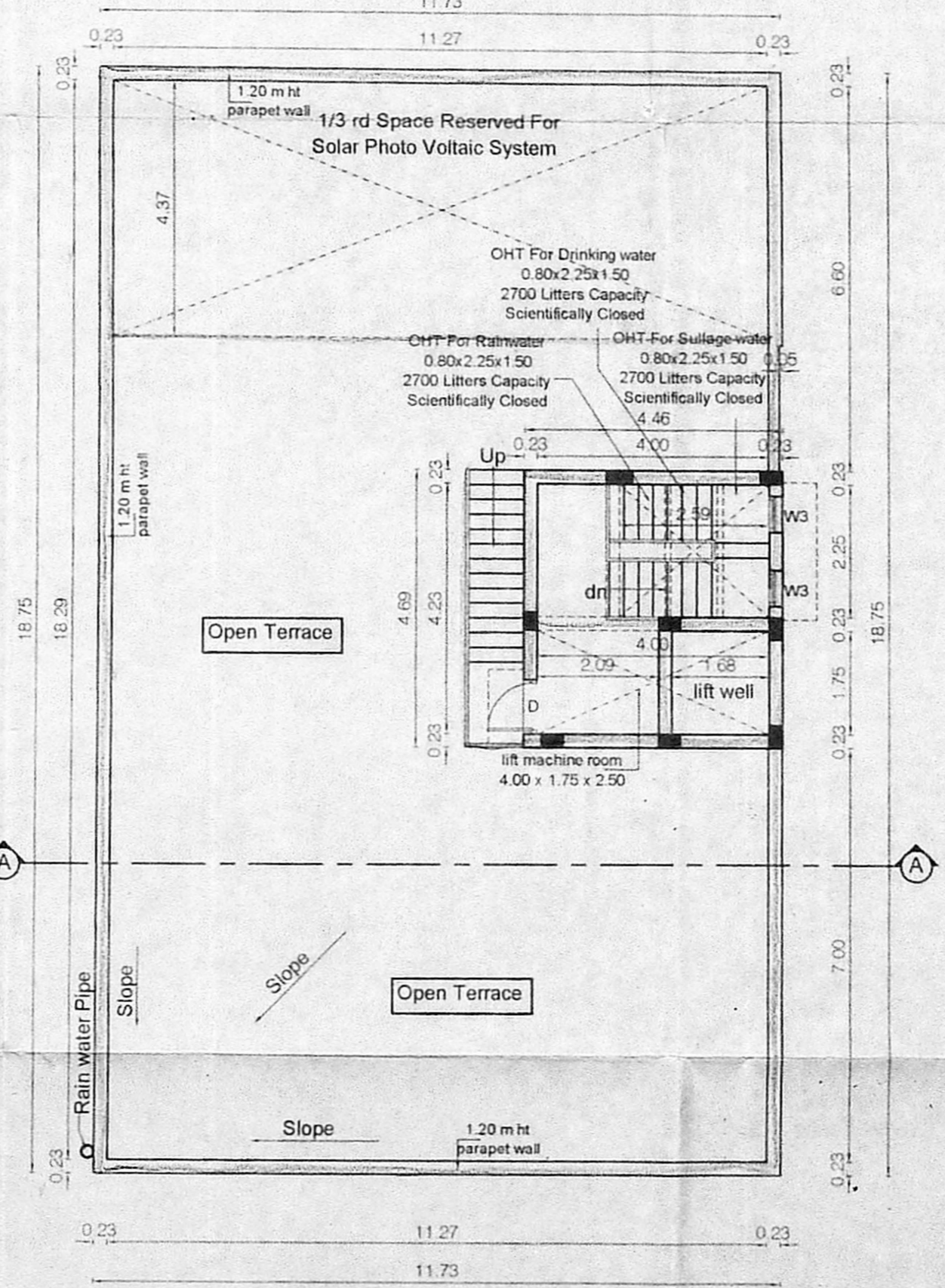
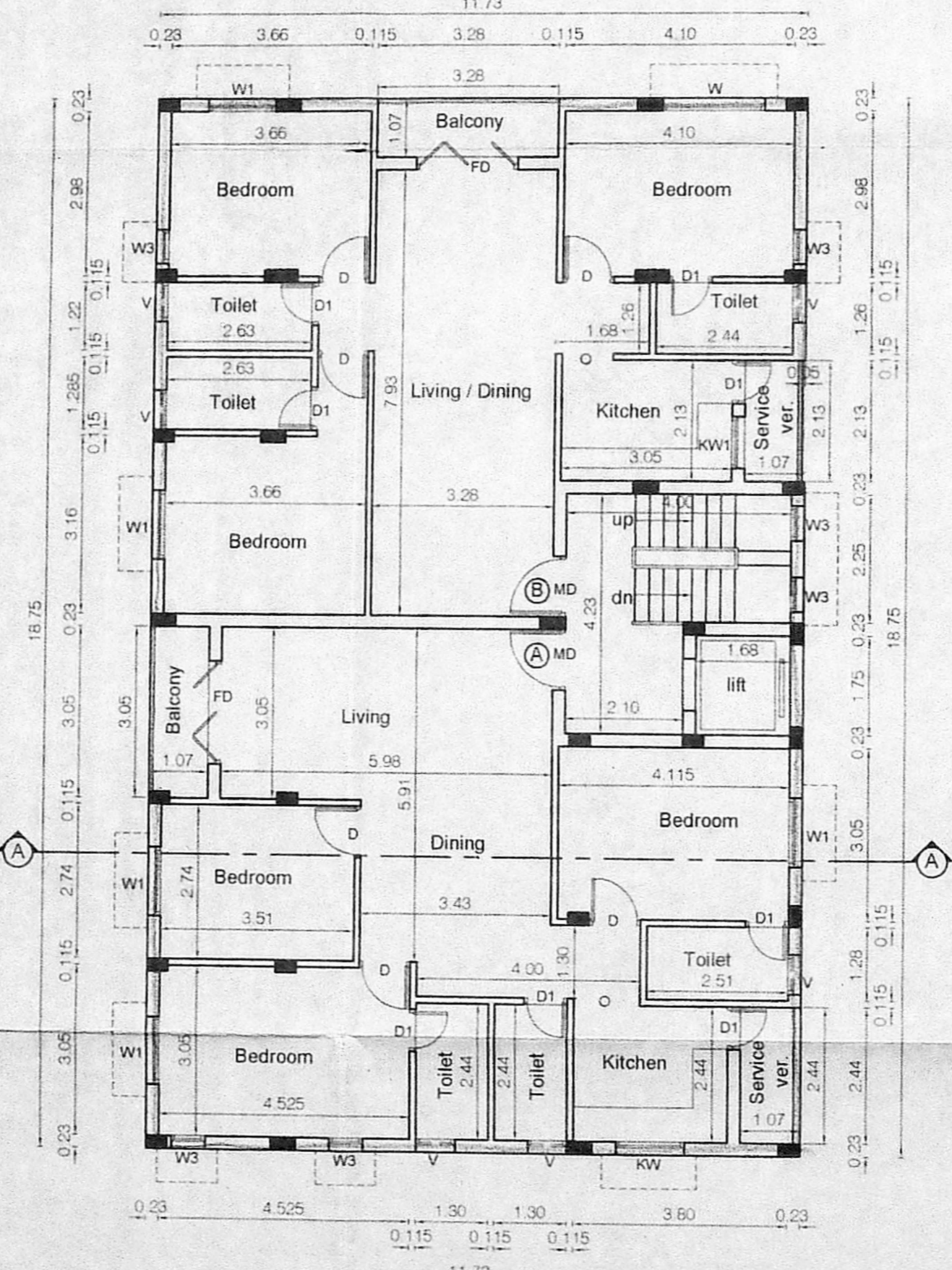
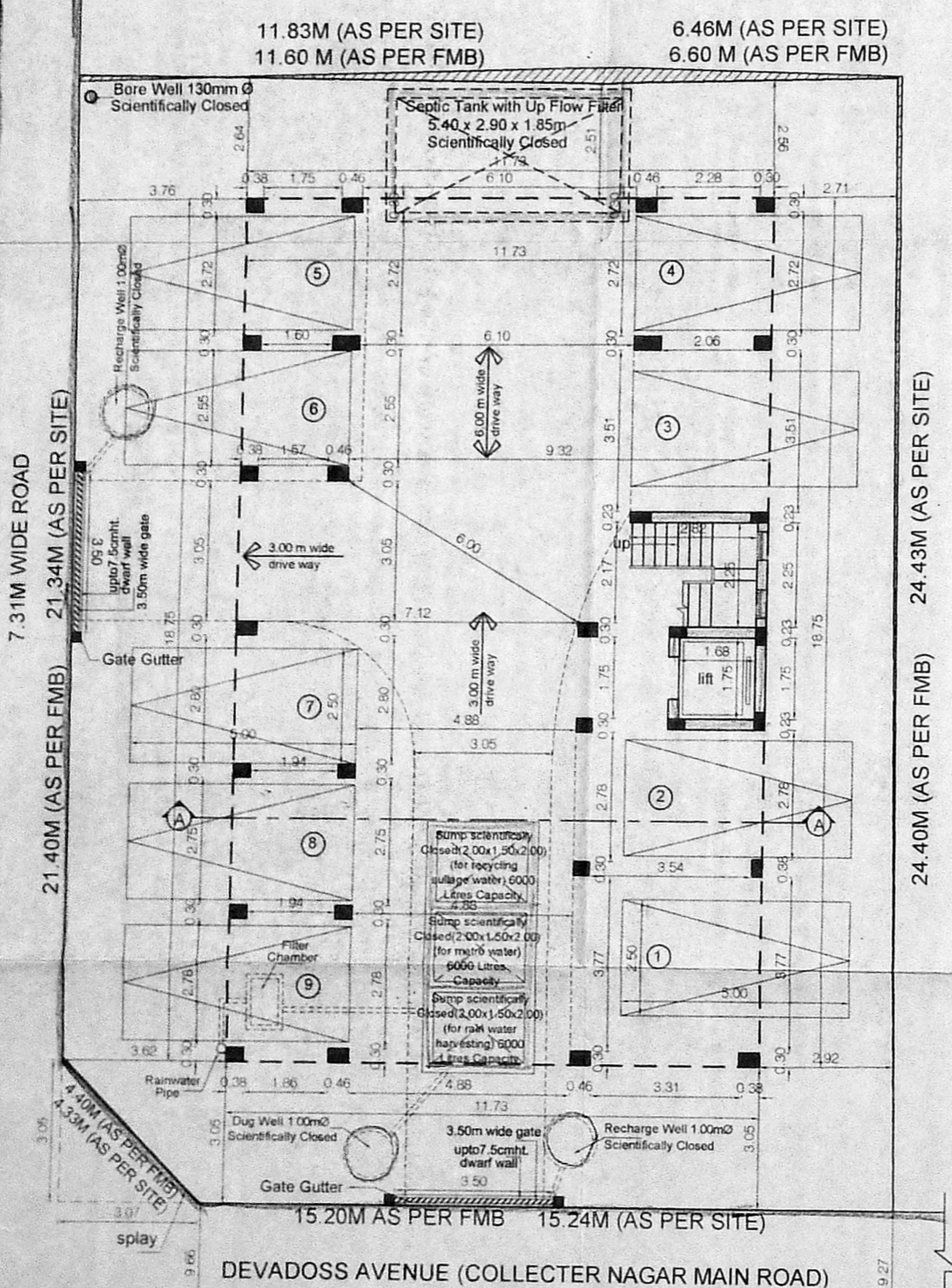


**APPROVED**  
 Planning Permission No. B/Non High Rise Bldg/714/2 of 2019  
 Subject to conditions mentioned in this office letter No. P/SB/N/3326/19 Dated 14-07-2019  
 Deputy Planner (Non-High Rise Buildings)  
 Chennai Metropolitan Development Authority, Chennai - 600 008



AREA STATEMENTS	Sq.M
PLOT AREA DETAIL	
DOCUMENT AREA	441.285
PATTA AREA	440.00
FSI AREA DETAIL IN SQ.M	
FIRST FLOOR AREA	219.94
SECOND FLOOR AREA	219.94
THIRD FLOOR AREA	219.94
FOURTH FLOOR AREA	219.94
TOTAL AREA	879.76
F.S.I - 1.999	
CAR PARKING REQUIRED - 9 Nos.	
CAR PARKING PROVIDED - 9 Nos.	

PLAN SHOWING THE PROPOSED CONSTRUCTION OF THE RESIDENTIAL BUILDING AT PLOT Nos. 6 & 7, DEVADOSS AVENUE, (COLLECTOR NAGAR MAIN ROAD), "CANIAN HABITAT" LAYOUT, KATHIRVEDU, CHENNAI - 600 008, COMPRISED IN OLD S.No. 87/2 (AS PER DOC.), S.No. 87/24 (AS PER PATTA) OF KATHIRVEDU VILLAGE GREATER CHENNAI CORPORATION DIVISION No - 25, ZONE - III.

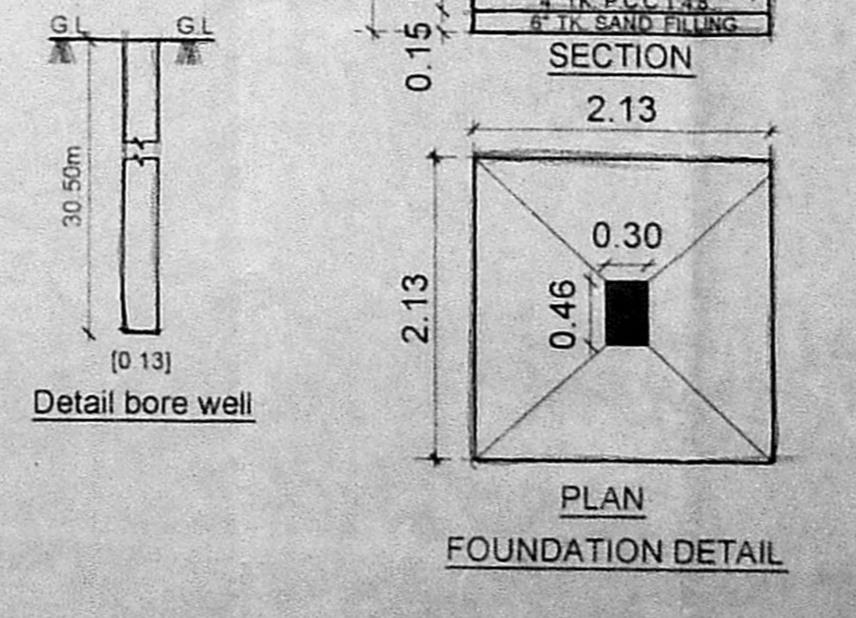
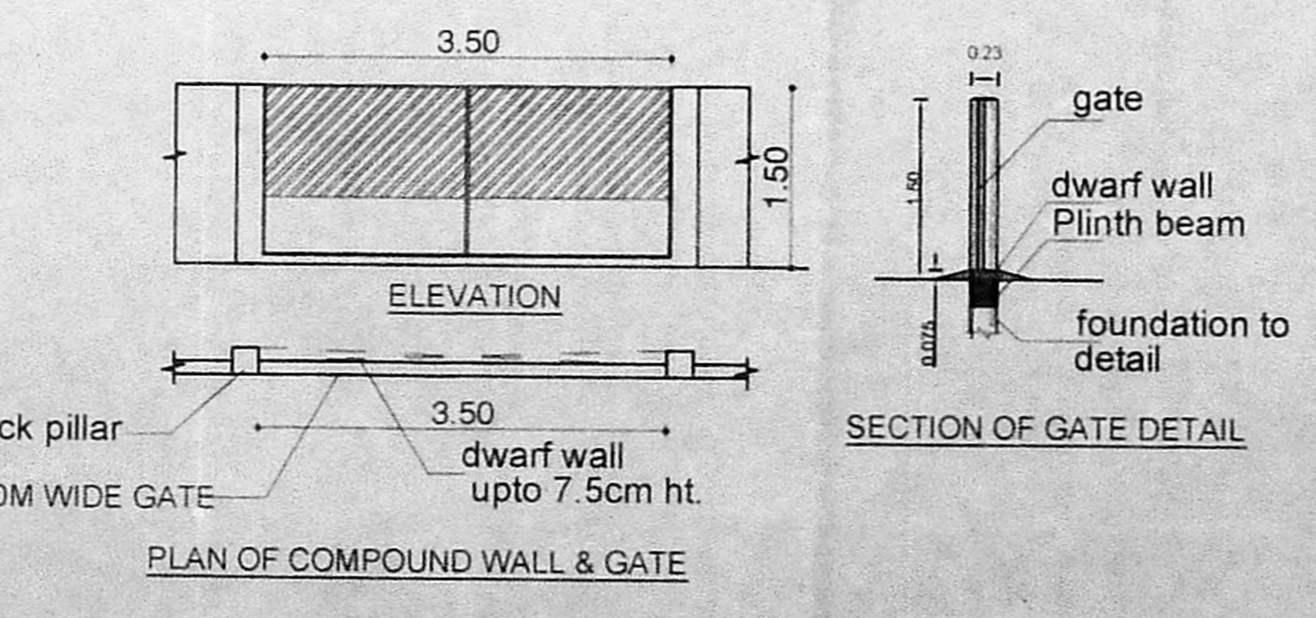
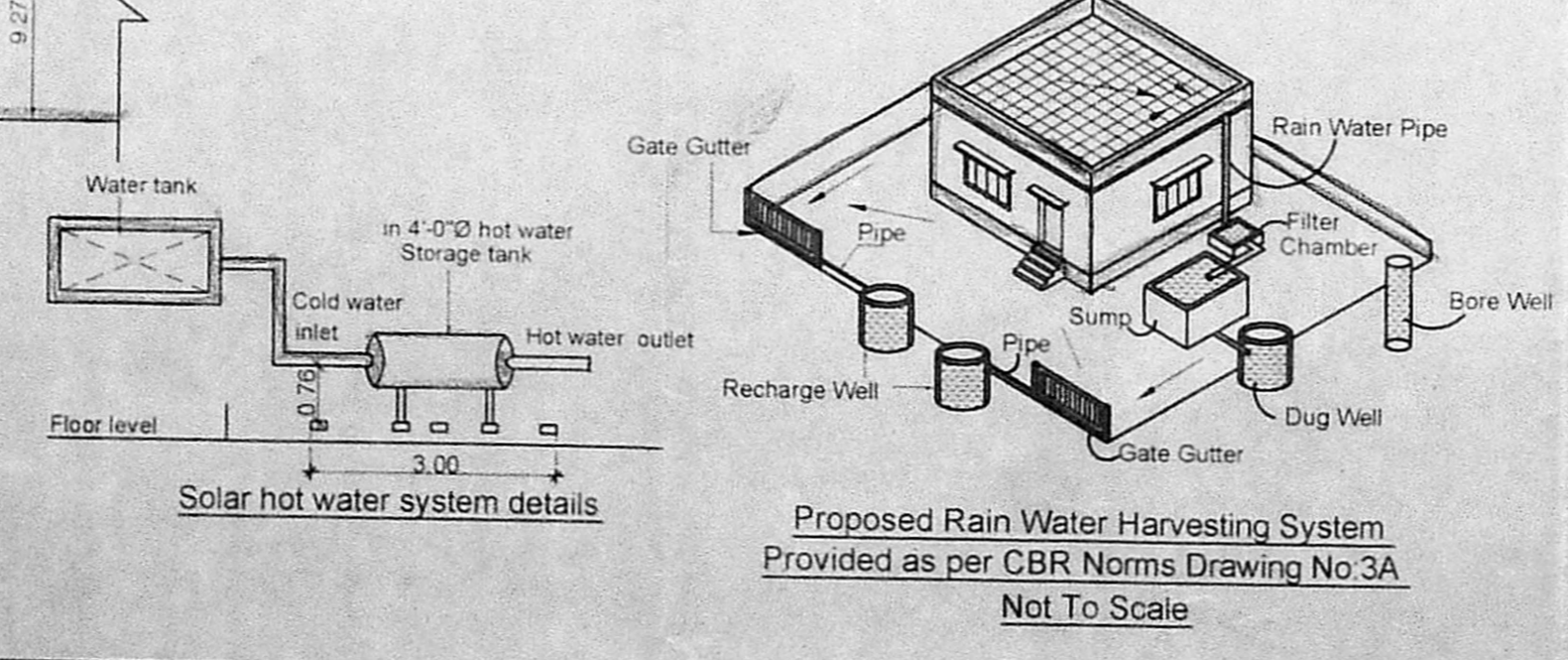


Septic Tank With Up Flow Filter Calculation For Residential Apartment

No. of Flats	: 8 Nos.
No. of users	: 40 Nos.
Total No. of users	: 40 Nos.
assume a standard users	: 20 Nos
Total no. of fixture units assume a peaking factor of 6 lpm/fixture unit	: 20 x 6 fixtures = 120 liter per minutes
<b>SEPTIC TANK</b>	
Surface area required for the septic tank	: $\frac{120 \times 0.92}{10} = 11.04$ sq.m Say 12 sq.m
Volume of free board	: $12.00 \times 0.30m = 3.6$ cu.m
Volume of sedimentation	: $12.00 \times 0.30m = 3.6$ cu.m
Volume of digestion	: $40 \times 0.033 = 1.32$ cu.m
Volume of sludge	: $40 \times 365 \times 0.0002 = 2.92$ cu.m
Total volume	: 11.44 cu.m.
Depth of Septic tank	: $\frac{\text{volume}}{\text{Surface area}} = \frac{11.44}{12.00} = 0.95m$
Intel pipe invert level assuming a Gradient of 1 in 8 starting from first chamber	: 0.90m
Total Liquid Depth	: $0.95m + 0.90m = 1.85m$
Required size of septic tank	: $2.50m \times 2.60m \times 1.85m$
<b>UPFLOW FILTERS</b>	
Capacity for 40 users	: $40 \times 0.045 = 1.80$ cu.m
Depth (assumed)	: 1.85m
Hence area of final effluent sump	: $\frac{1.80}{1.85} = 0.97$ sq.m say 1.00 sq.m
Size of final effluent sump	: $2.50 \times 0.60 \times 1.85m$
Size of up flow filter (1)	: $2.50 \times 0.60 \times 1.85m$
Size of up flow filter (2)	: $2.50 \times 0.60 \times 1.85m$

SCALE : 1:100	
COLOUR INDEX	
PROPOSED BOUNDARY	
ROAD	
SEWER LINE	
N	
For Ashwath Constructions	
Partner	
OWNER	

**R. SATHYANARAYANA, B.Arch, A.I.A.A.**  
 REGISTERED ARCHITECT  
 COUNCIL OF ARCHITECTURE  
 CA/86/9895  
 No.55 (OLD U-12) 4th MAIN ROAD,  
 ANNA NAGAR, CHENNAI-600 040  
 ARCHITECT



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