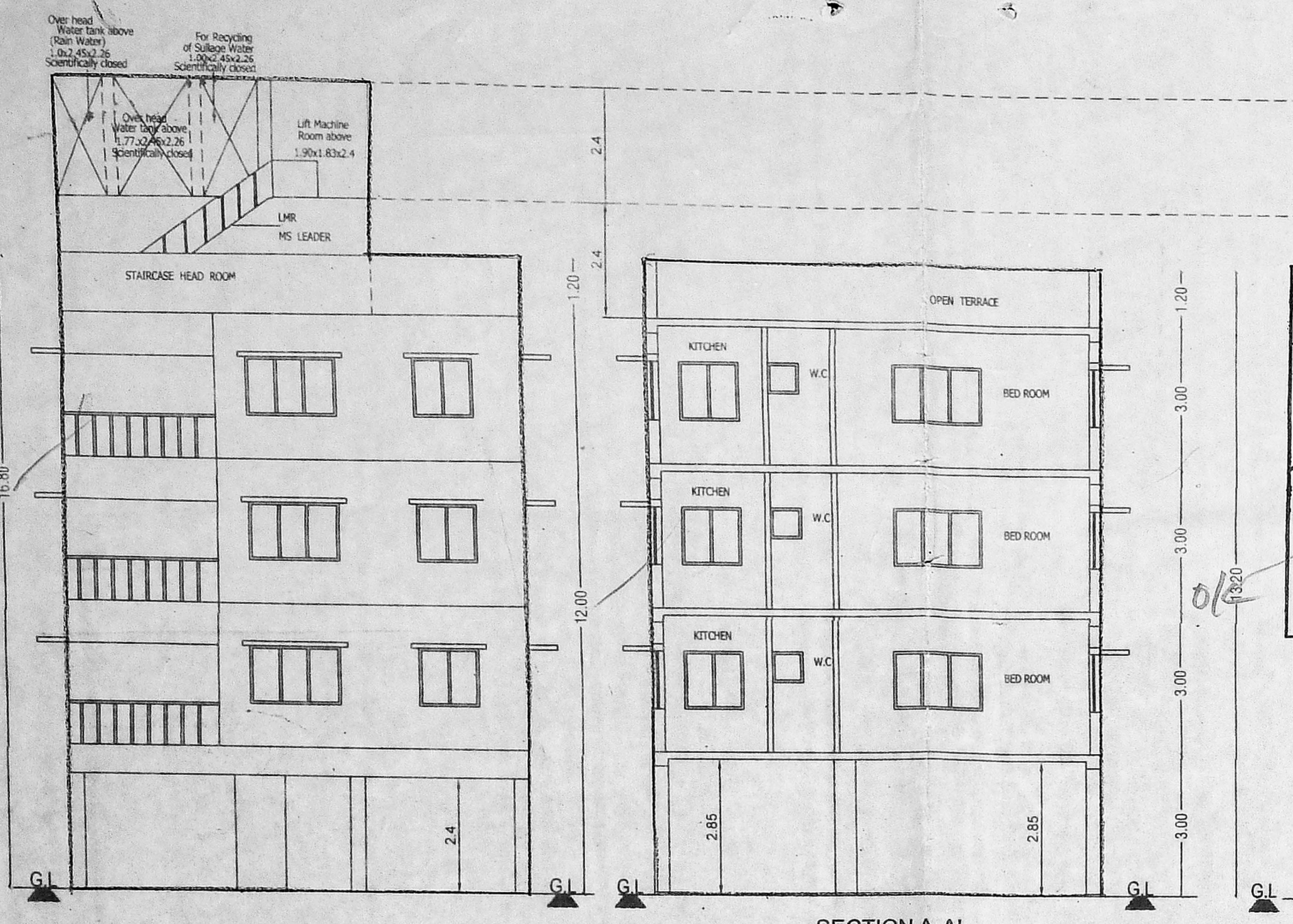
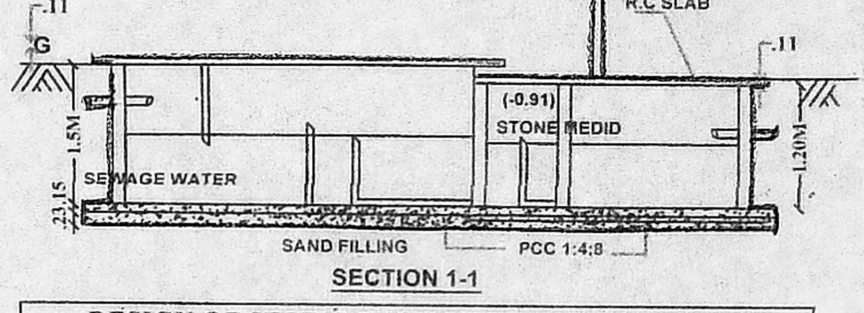
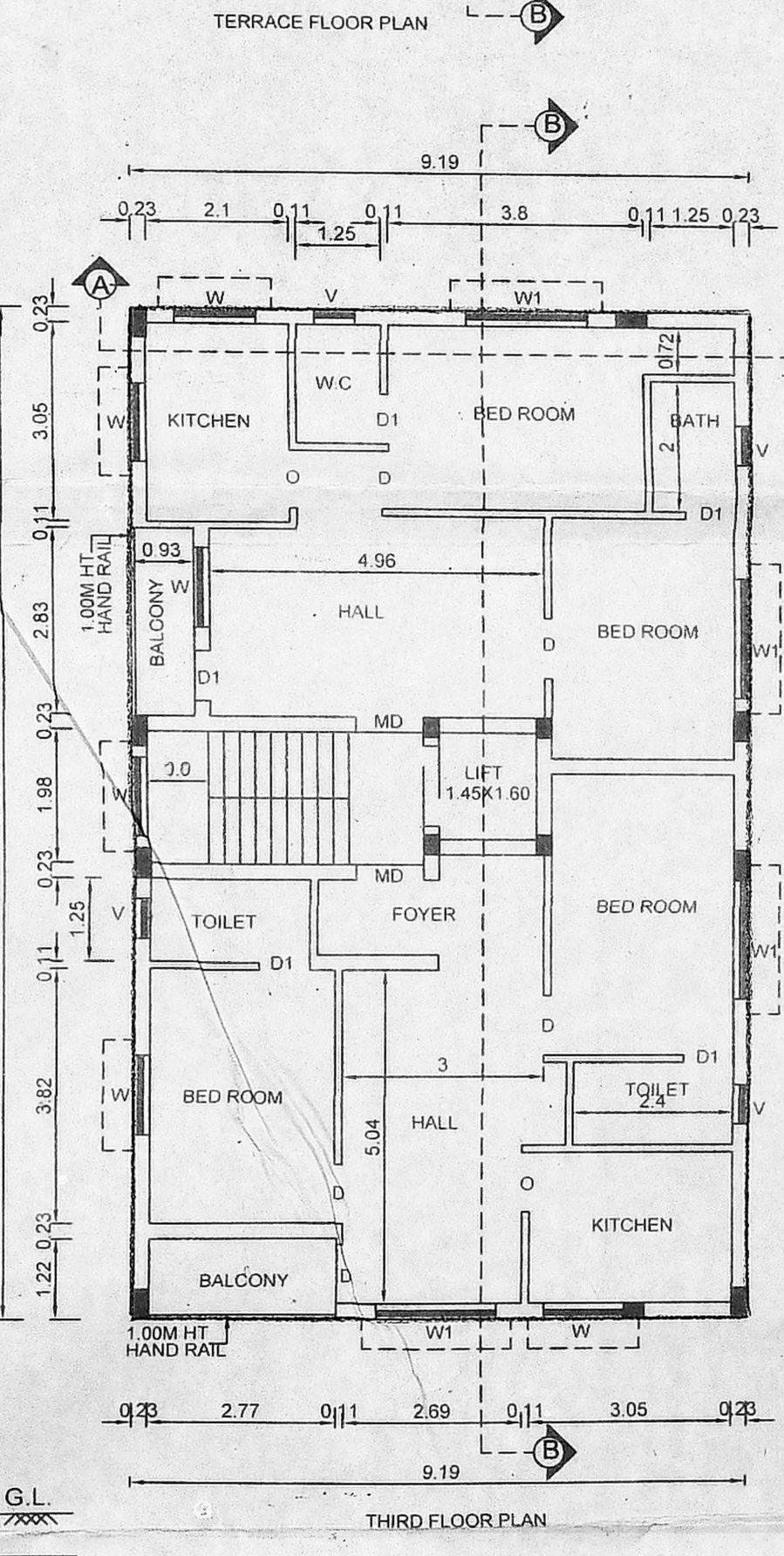
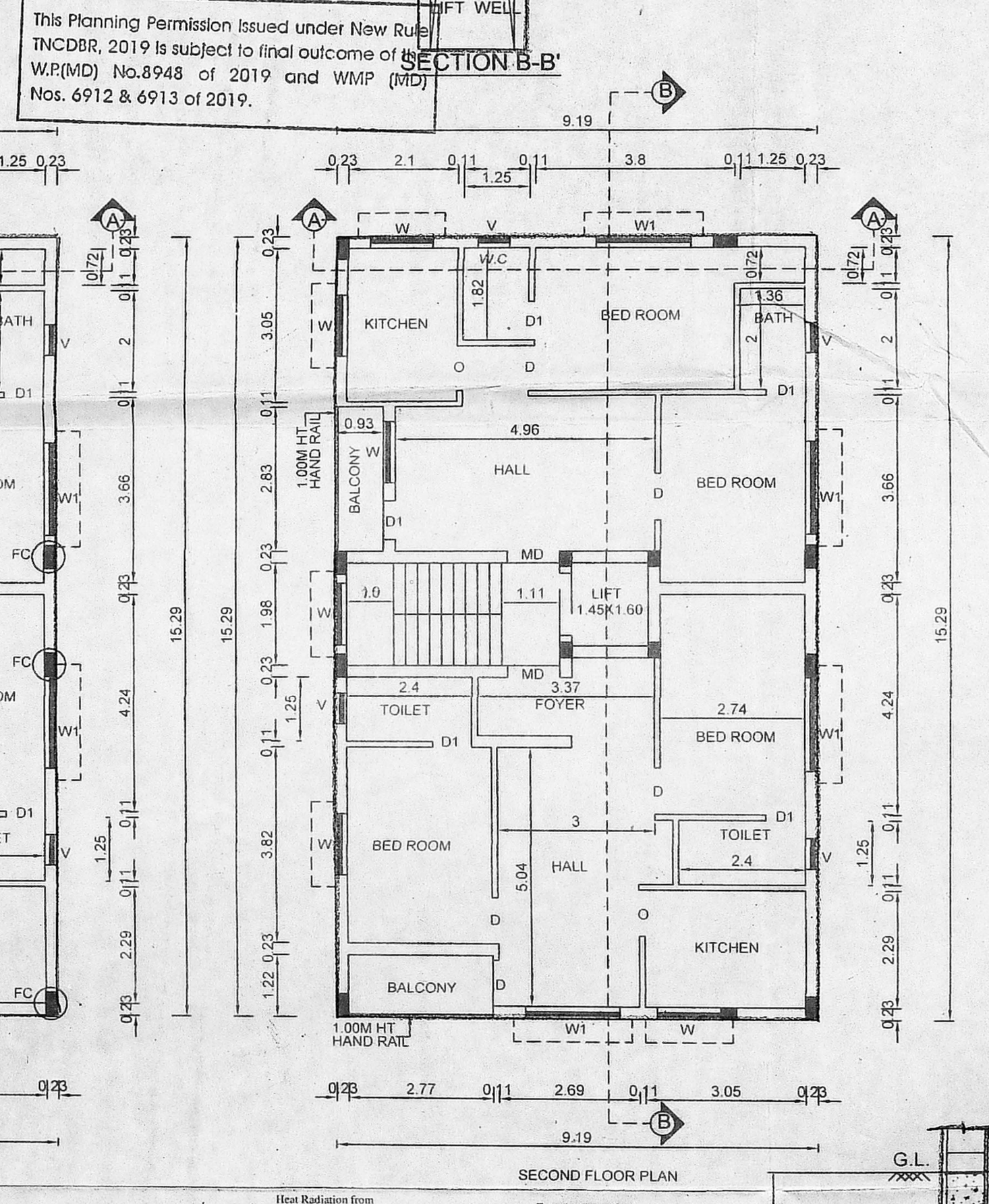
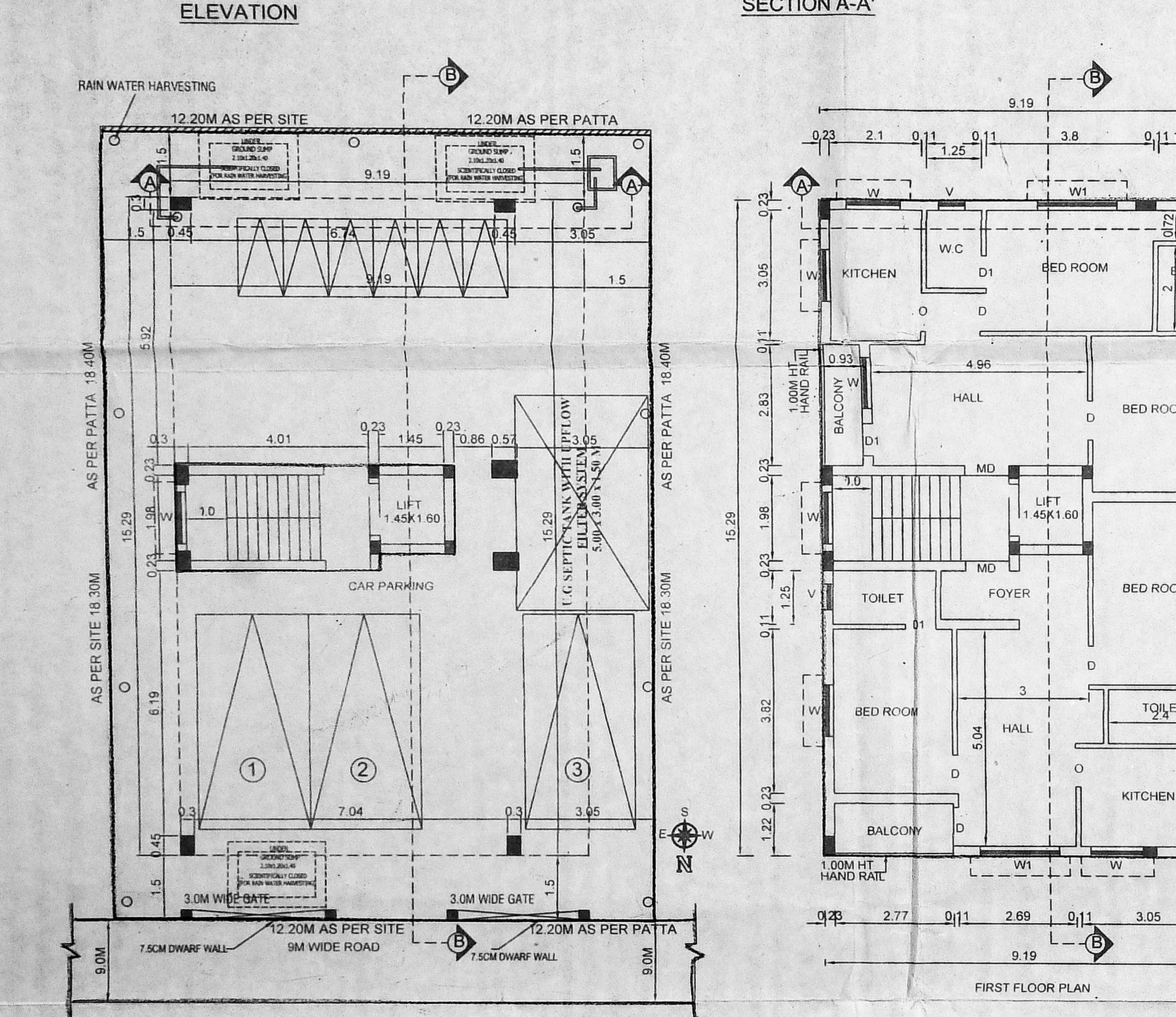
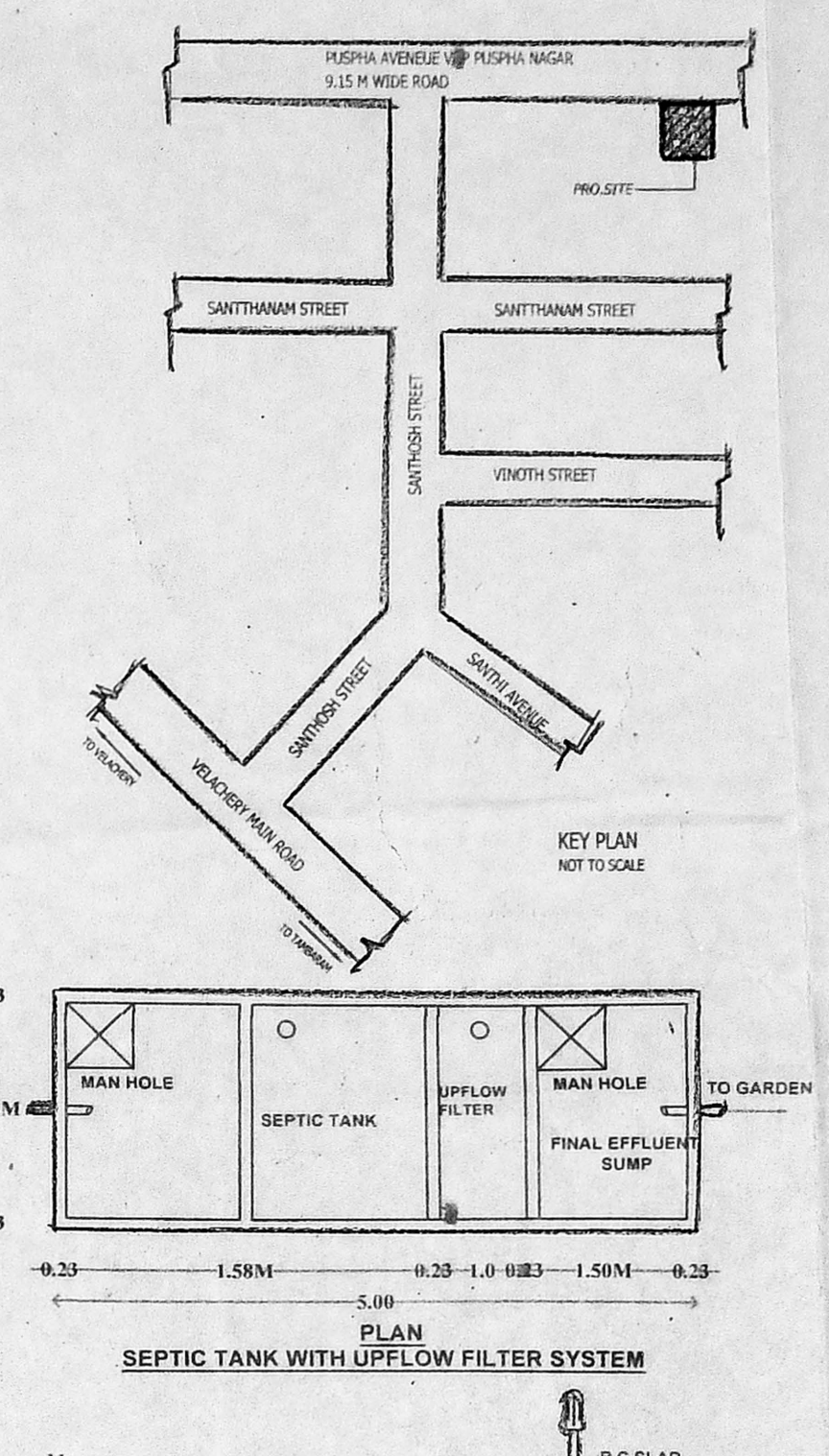
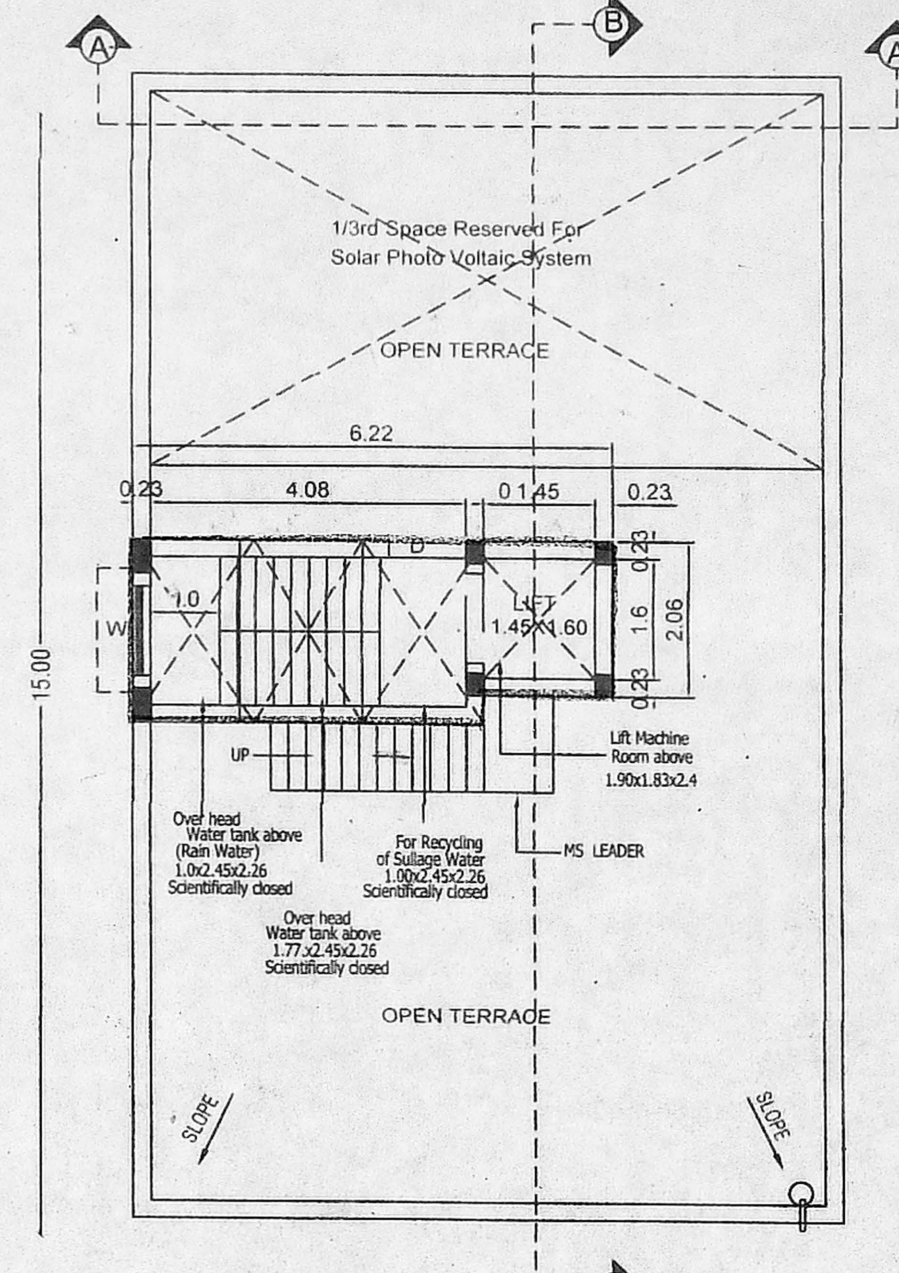


OFFICE COPY
 PLAN SHOWING THE PROPOSED RESIDENTIAL BUILDING AT PLOT NO. 85, V.C.R. PUSHPA NAGAR, COMPRISED IN S.NO:387/35 (AS PER PATTA) MANAVAKKAM VILLAGE, SHOINGANALLUR TALUK, KANCHEEPURAM DISTRICT, ST. THOMAS PANCHAYAT



OFFICE COPY
 Planning Permission No. B/ NHRP/ 392/2019
APPROVED
 Subject to conditions mentioned in this office
 Letter No. P/NHRP/ 15(P)/ 0713/ 2019 dated 12.11.2019
 Senior Planner
 Non High Rise Buildings
 Chennai Metropolitan Development Authority
 Chennai-600 008.
 This Planning Permission as per the delegated powers given by Member Secretary, CMDA in Office Order No. 7/2019 dated 12.03.2019.



DESIGN OF SEPTIC TANK WITH UPFLOW FILTER
 No. of Dwelling - 6
 No. of User - 20
 No. of fixtures in units - 8 Nos
 Discharge Assumings King's Factor of 6 LPM/No - 8 x 6 = 48 LPM
 Septic tank surface area = $48 \times \frac{0.92}{10} = 4.41$
 Say = 5m²
 Volume of free board = $5 \times 0.3 = 1.50$ m³
 Volume of sedimentation = $5 \times 0.3 = 1.50$ m³
 Volume of defestation = $48 \times 0.032 = 1.53$ m³
 Volume of sludge = $48 \times 365 \times 0.002 = 3.50$ m³
 Total Volume = 8.03m³
 Size of septic tank 2.59 x 1.58 x 1.50m
UPFLOW FILTER
 Peak discharge for 48 Nos - 48 LPM
 Volume $48 \times 0.043 = 2.0$
 Take Depth = 1.20
 Area required $\frac{2.0}{1.20} = 1.66$
 Size of up flow filter 1 = 2.55 x 1.0 x 1.20
 The clean outlet water from the up flow filter shall be used for gardening.

செ.பெ.வ.கு.(பி) என். என். காரநாயகர்
 AREA SITE TOTAL 18.30M
 AS PER DOCUMENT 222.06 SQ.M
 AS PER PATTA 222.06 SQ.M
 FLOOR 3
 FSI AREA 421.56

STILT FLOOR	-
FIRST FLOOR	140.52
SECOND FLOOR	140.52
THIRD FLOOR	140.52
421.56	
F.S.I = $\frac{421.56}{200.00} = 2.11$	
Nos. OF CAR PARKING = 3	
Nos. OF TWO WHEELER PARKING = 6	

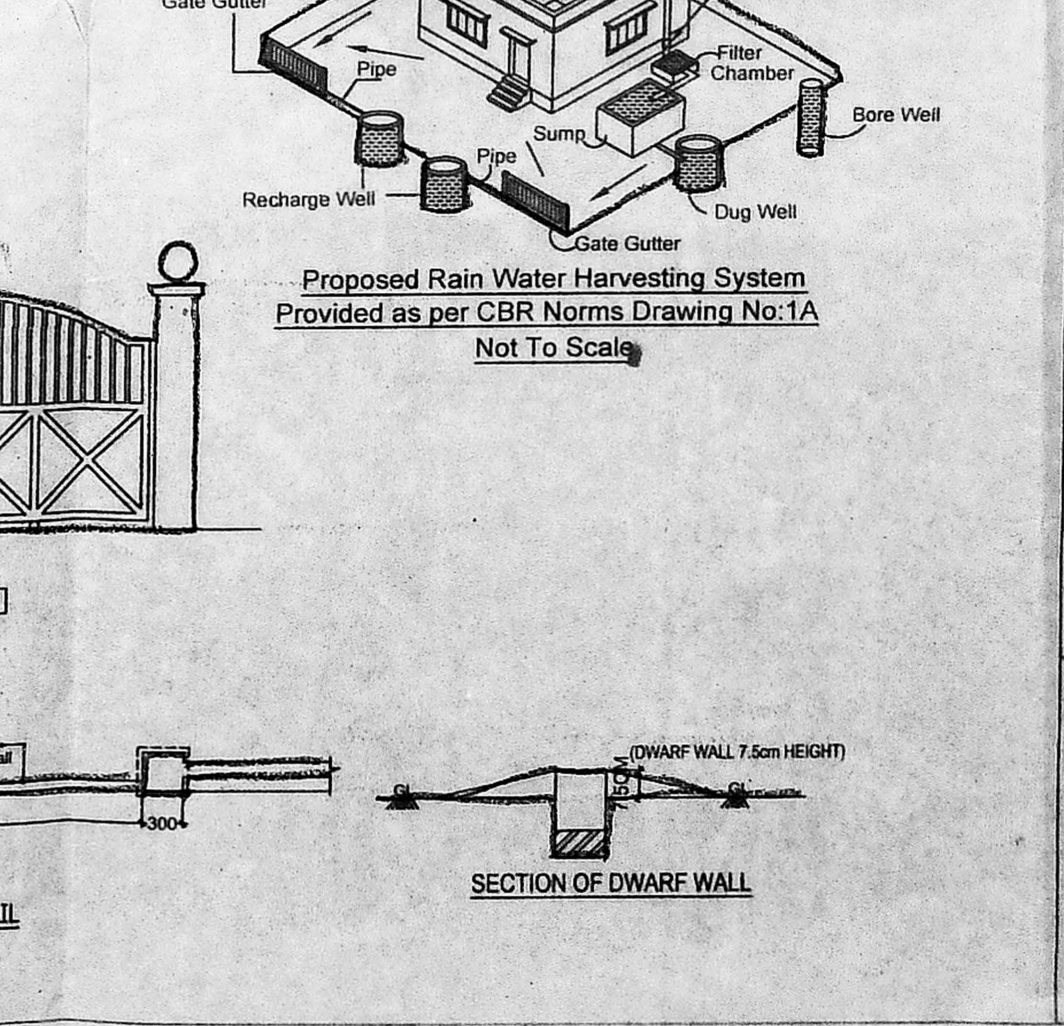
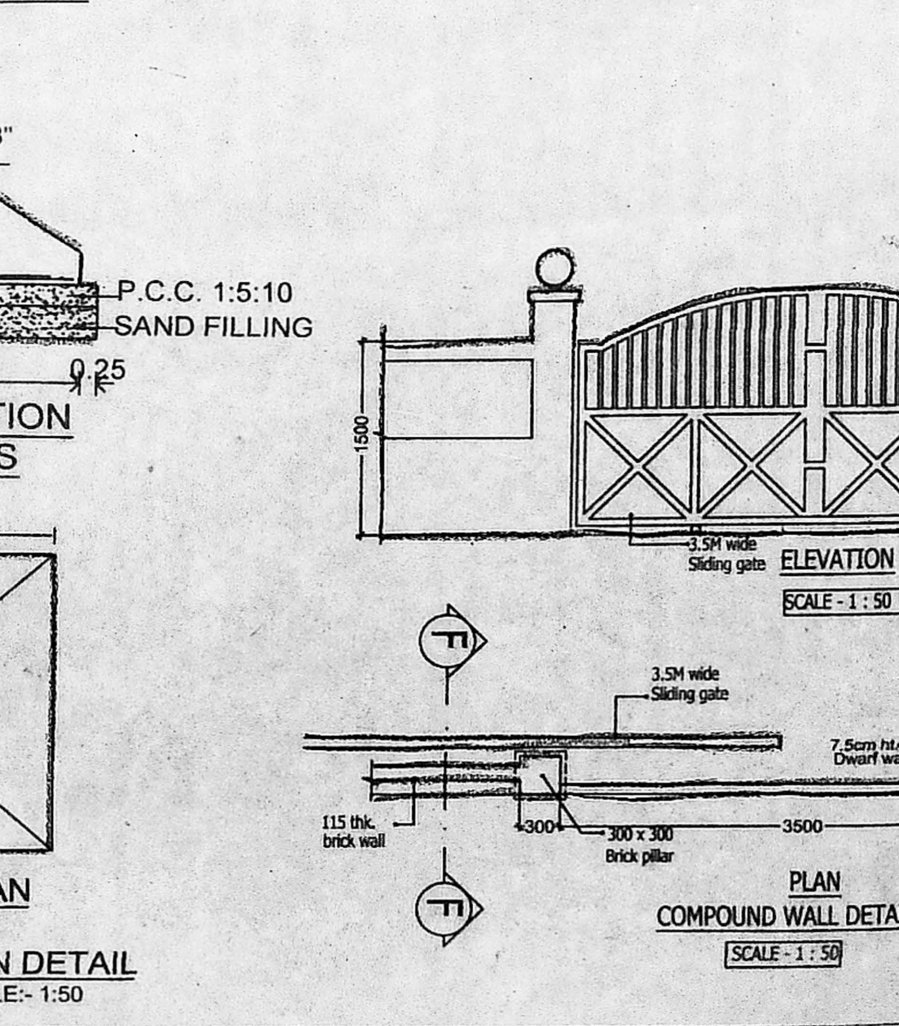
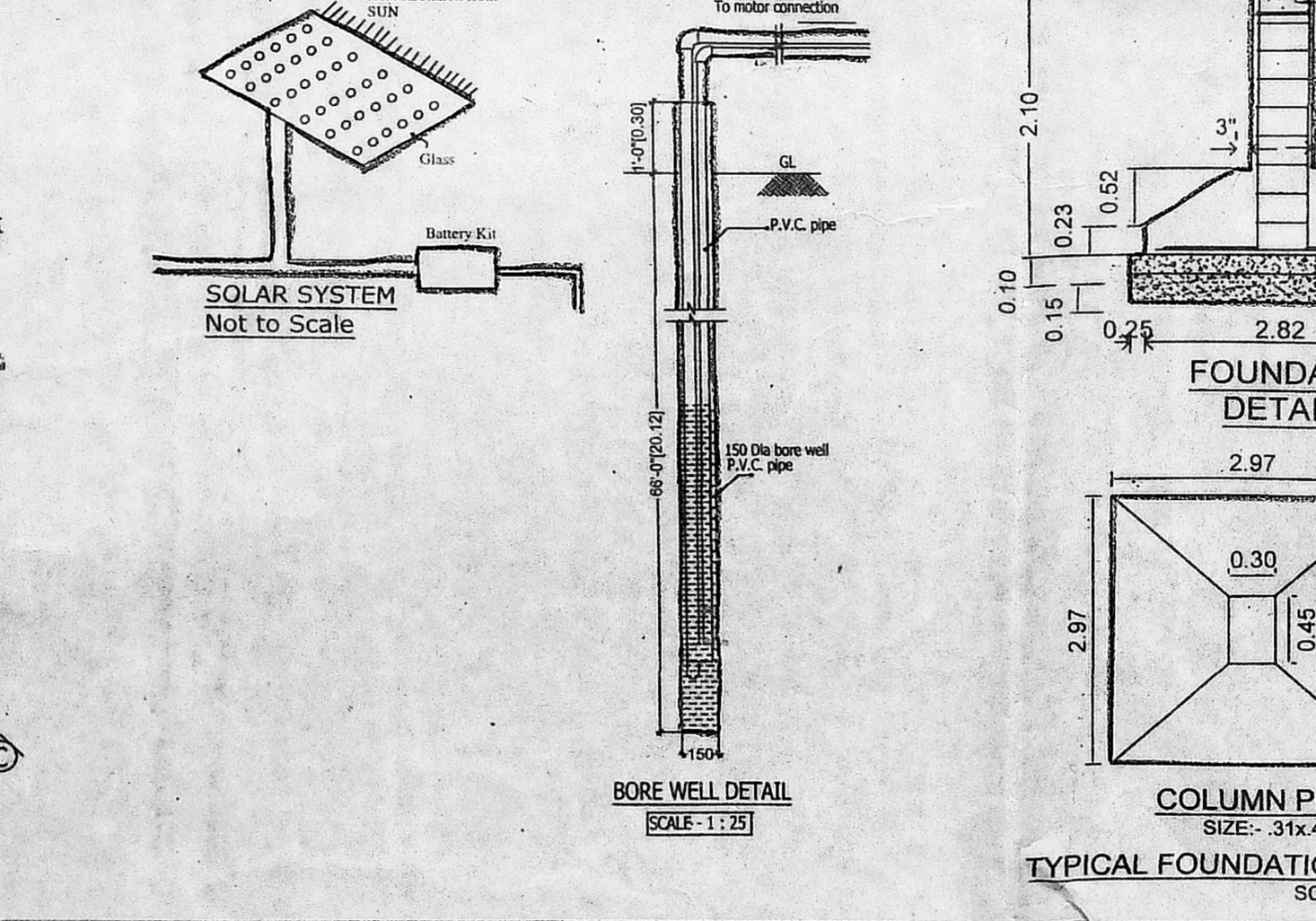
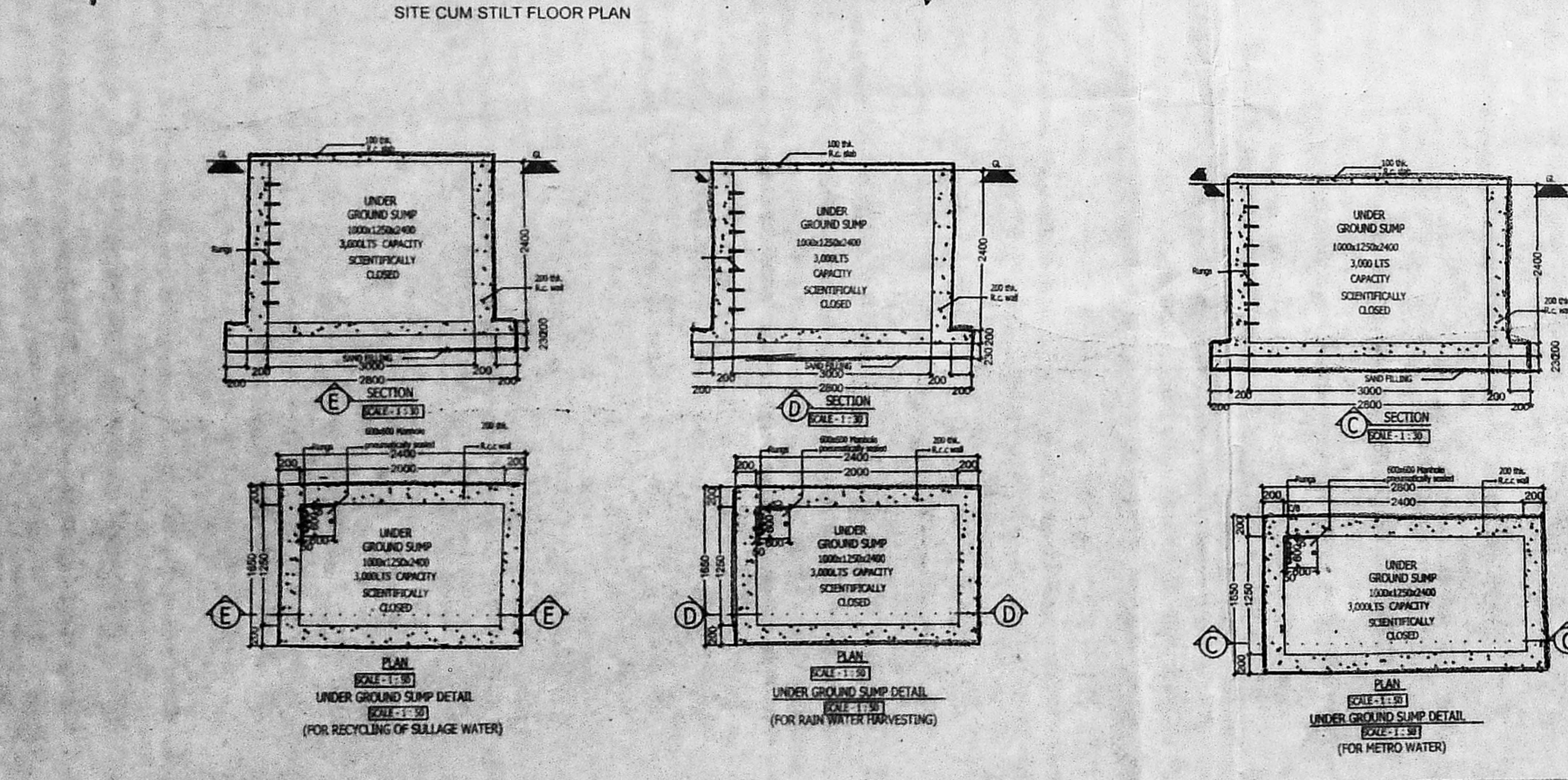
SCHEDULE OF JOINERY:-

TYPE	DETAIL	SIZE
MD	DOOR	3'6"x7'0"
D1	DOOR	3'0"x7'0"
D2	DOOR	2'6"x7'0"
W	WINDOW	4'0"x4'0"
W1	WINDOW	3'0"x4'0"
V	VENTILATOR	2'0"x2'0"

SPECIFICATION:-
 FOUNDATION: COLUMN FOOTING
 BRICK WORK: C.M 1:6 FOR SUPER STRUCTURE
 PLASTERING: C.M 1:6 FOR WALLS & 1:3 FOR CEILING
 CEMENT PAINT: 2 COATS FOR WALLS & 1 EXTRA COAT FOR CEILING
 R.C.C: M25 GRADE FOR SLABS & LINTELS
 WOOD WORK: ALL WOOD WORKS IN BEST QUALITY TIMBER
 WEATHERING: B JELLY LIME MORTAR OVER ROOF SLAB ONE LAYER OF COUNTRY TILES

COLOUR INDEX:-
 PROPOSED ROAD BOUNDARY

SCALE: 1:100



For SWANDRA CONSTRUCTIONS.
 OWNER SIGNATURE

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 SIGNATURE OF ARCHITECT