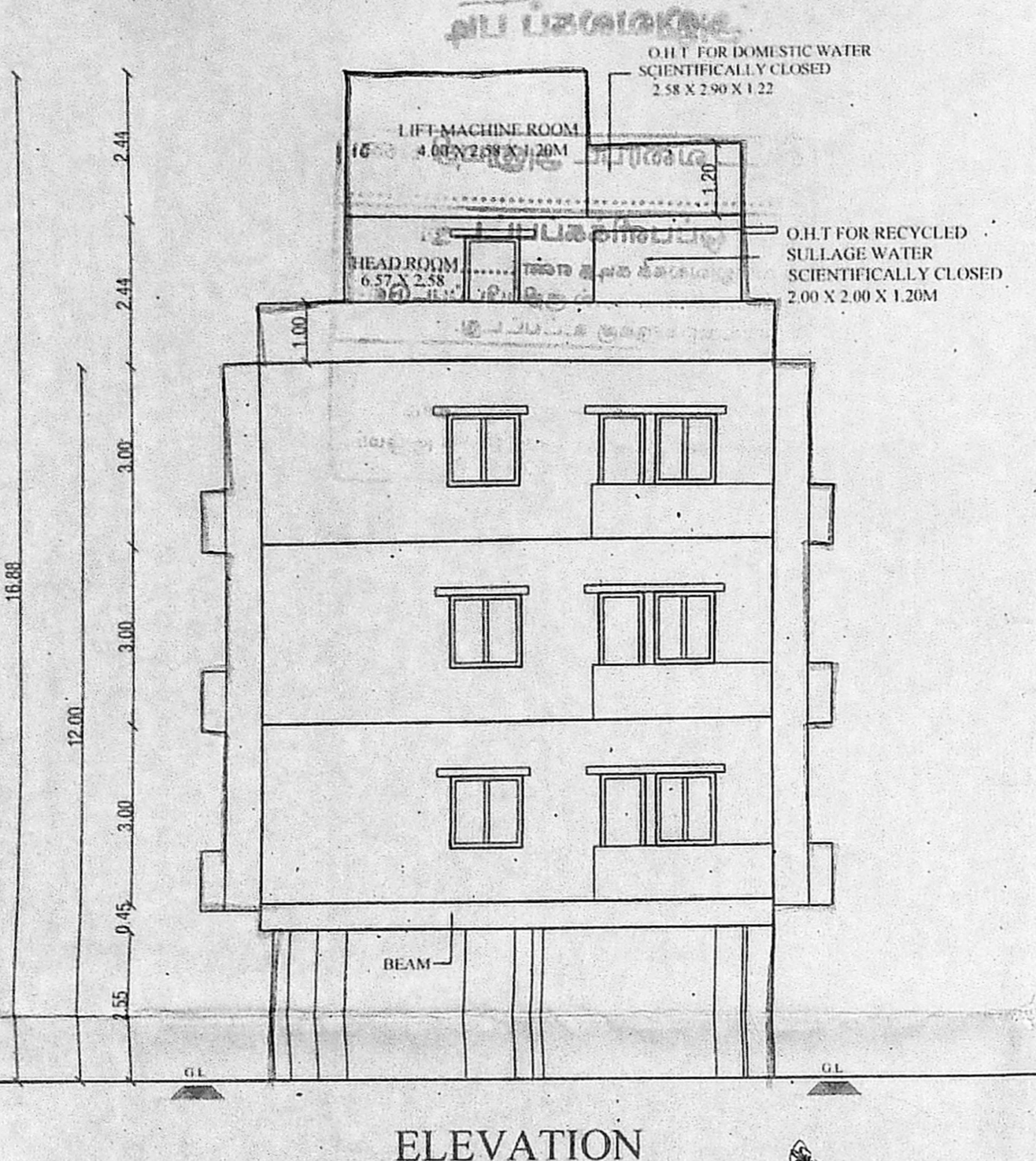
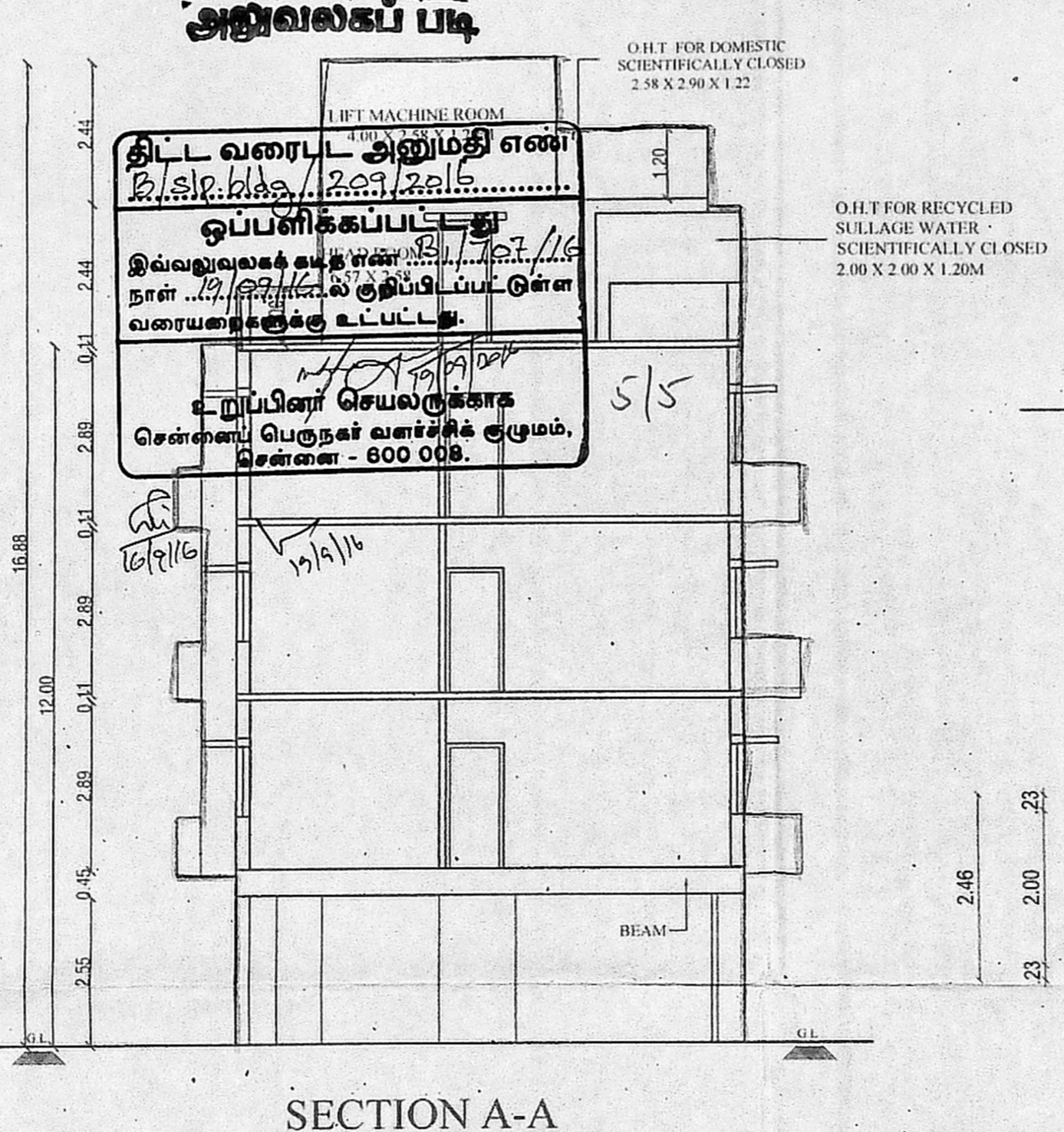


DESIGN CHART

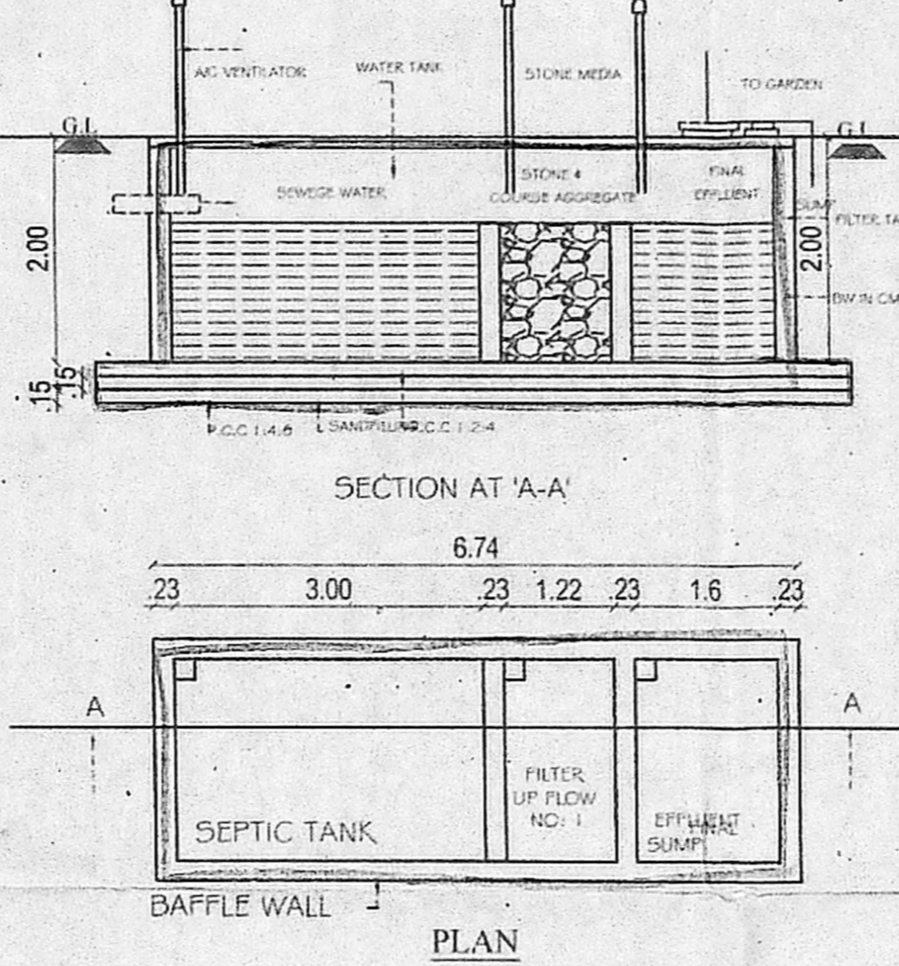
NO. OF DWELLINGS - 6 NOS
 NO. OF USERS - 6 X 5 = 30
 NO OF FIXTURES IN UNITS - 12 NOS
 DISCHARGE ASSUMING KING'S FACTOR OF 6 LPM/NO
 SEPTIC TANK SURFACE AREA - 72 X 0.92 = 66.24
 VOLUME OF FREE BOARD - 6 X 0.3 = 1.80 M³
 VOLUME OF SEDIMENTATION - 6 X 0.3 = 1.80 M³
 VOLUME OF DEFESTION - 72 X 0.032 = 2.30 M³
 VOLUME OF SLUDGE - 72 X 365 X 0.0002 = 5.25 M³
 TOTAL VOLUME = 11.15 M³
 SIZE OF SEPTIC TANK 3.00 X 2.00 X 2.00M = 12.00 M³



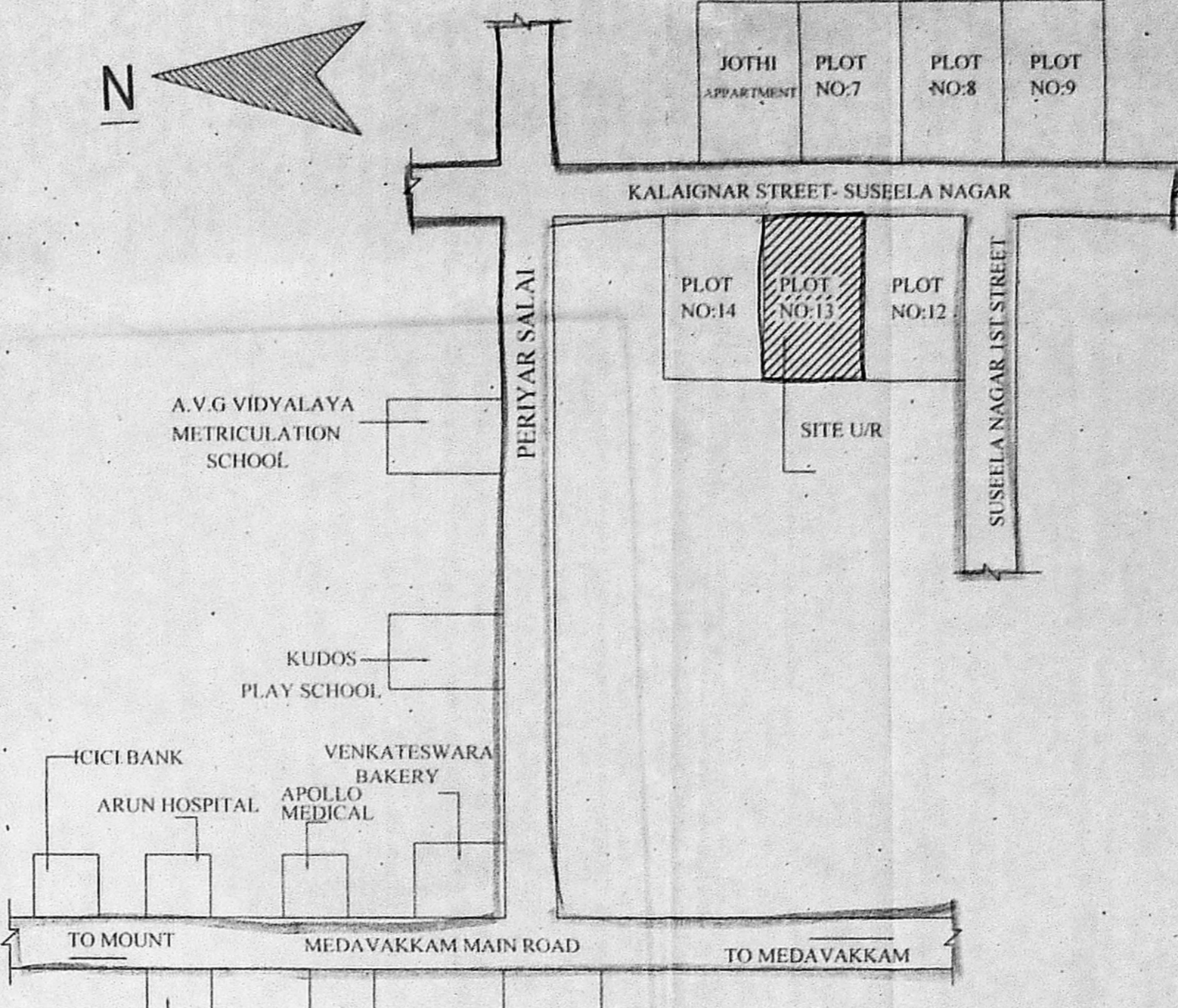
ELEVATION



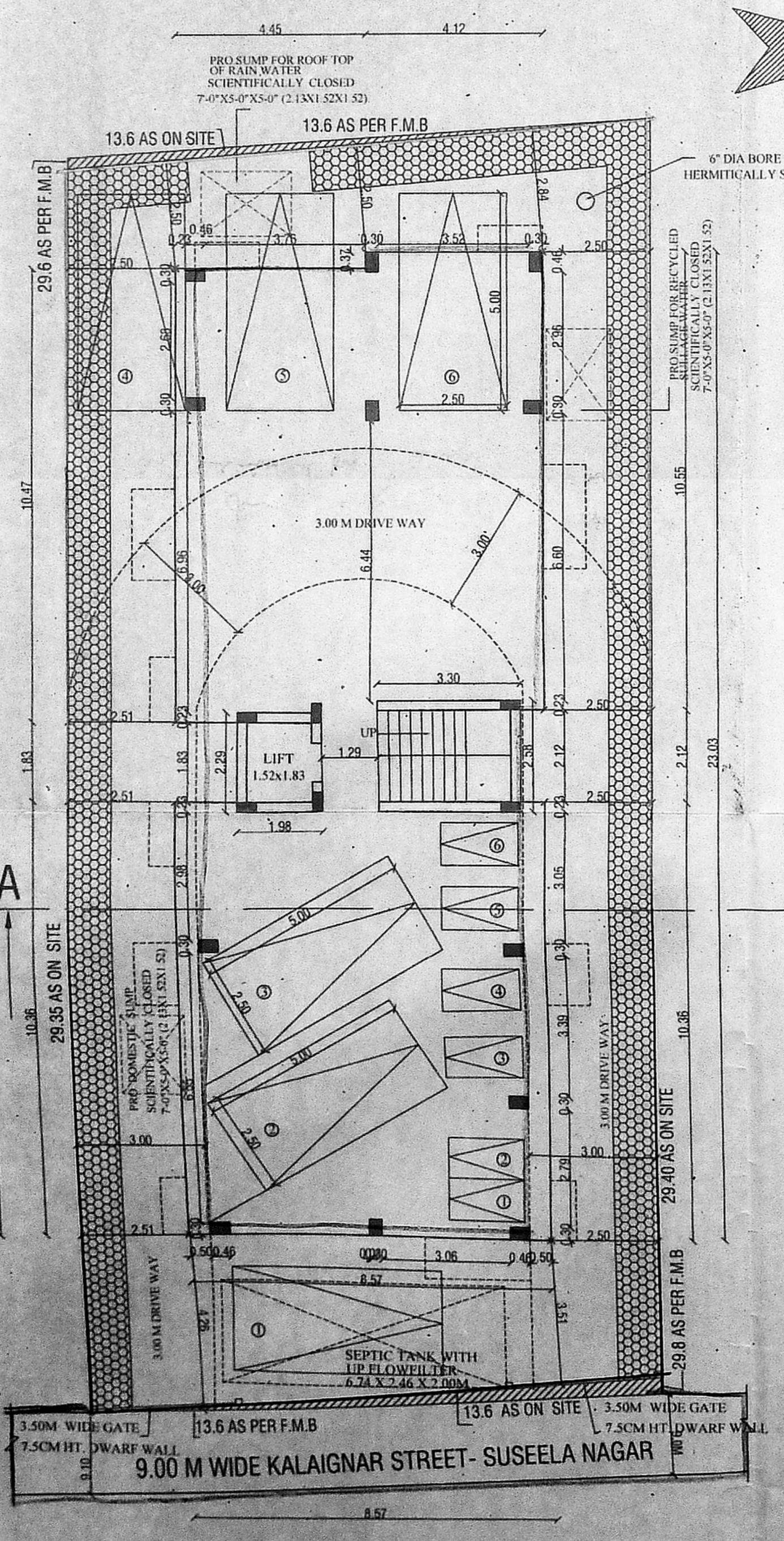
SECTION A-A



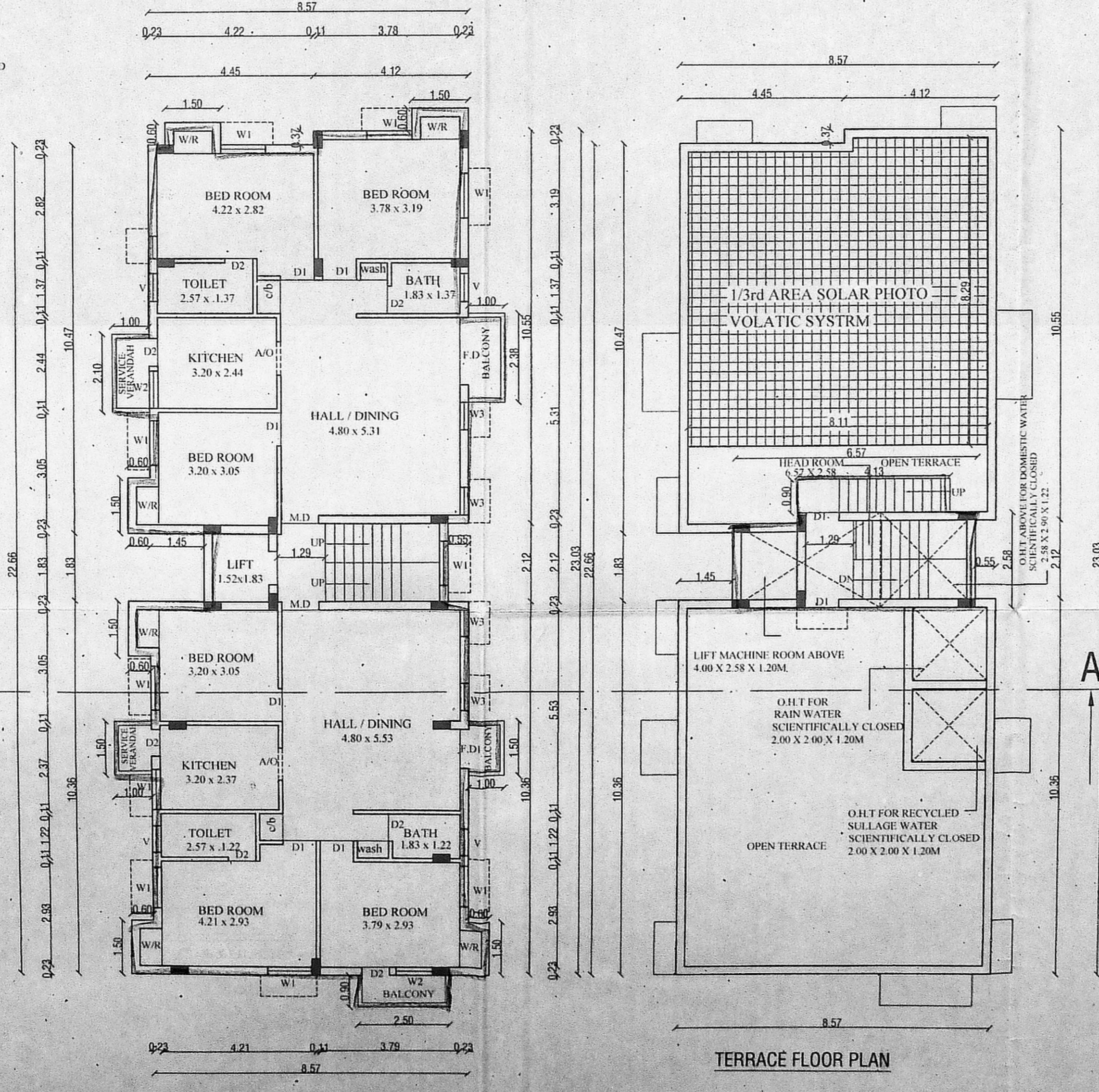
SEPTIC TANK WITH UPFLOW FILTER SYSTEM



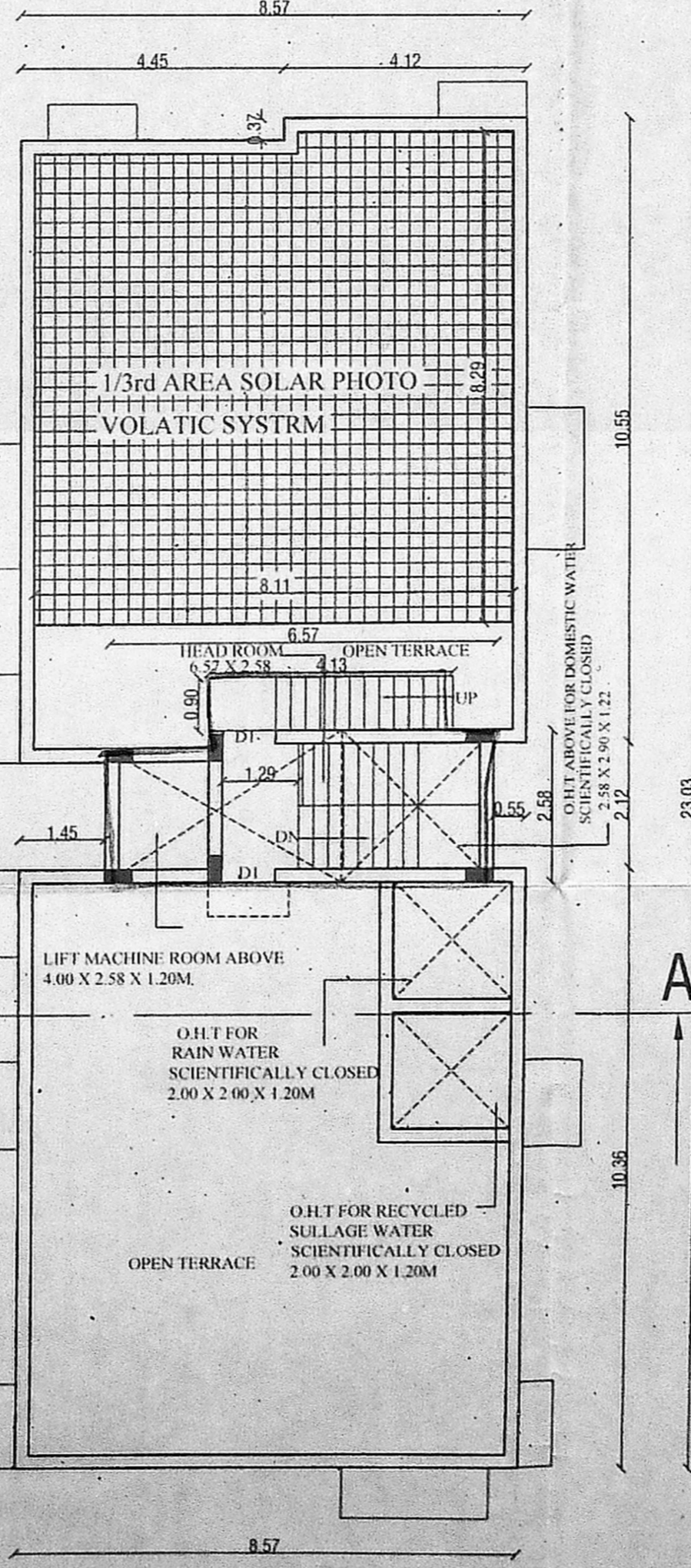
KEY PLAN NOT TO SCALE



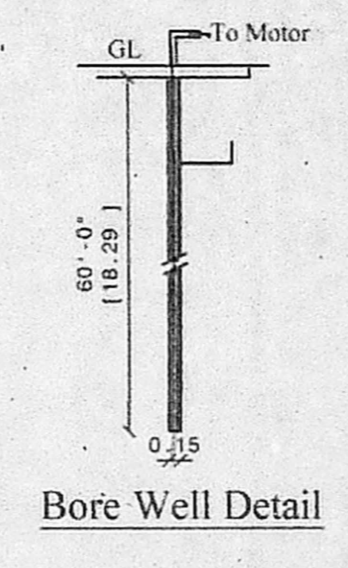
SITE CUM STILT FLOOR PLAN



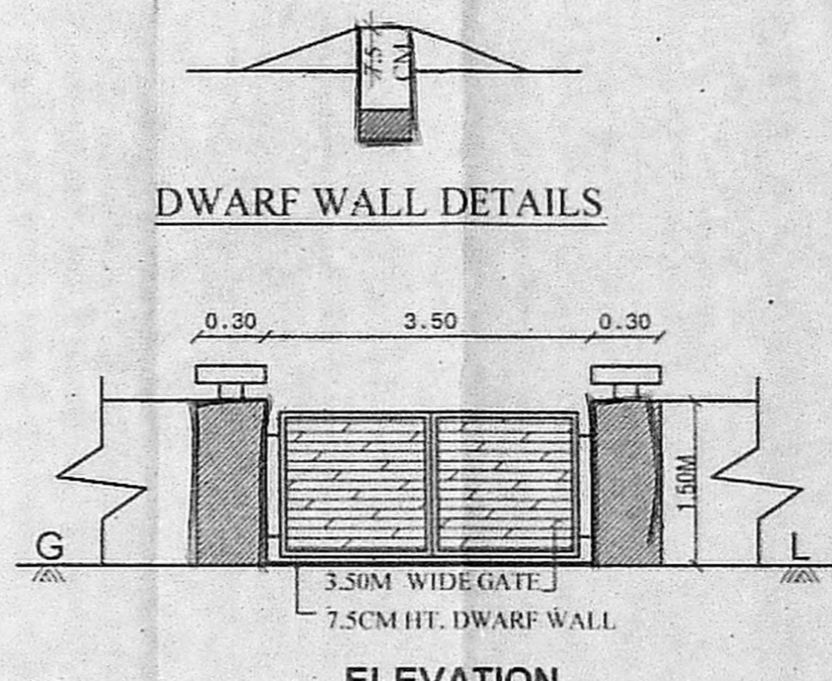
TYPICAL FLOOR PLAN FIRST, SECOND & THIRD



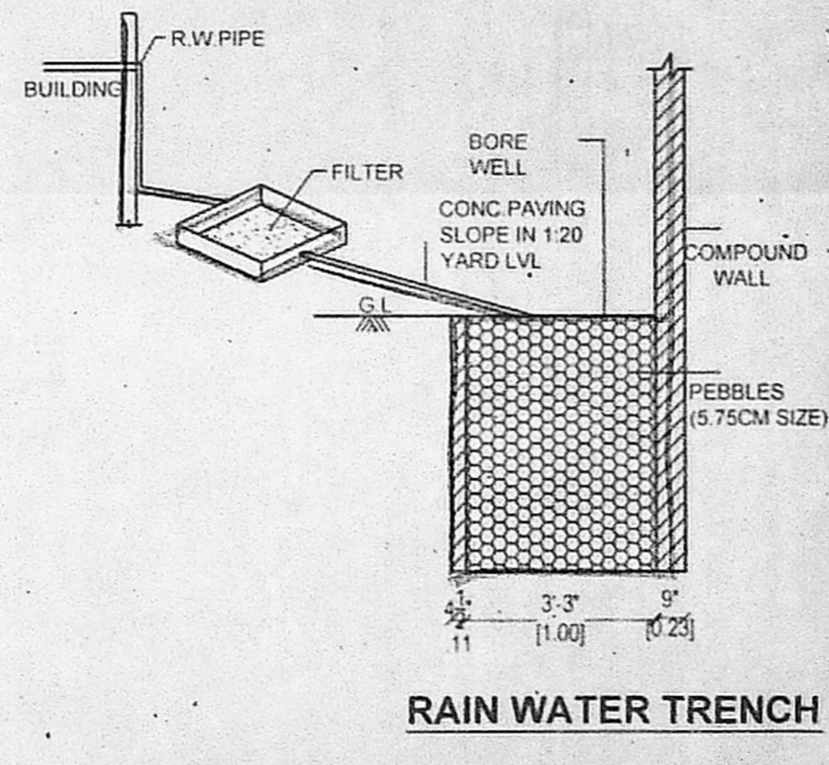
TERRACE FLOOR PLAN



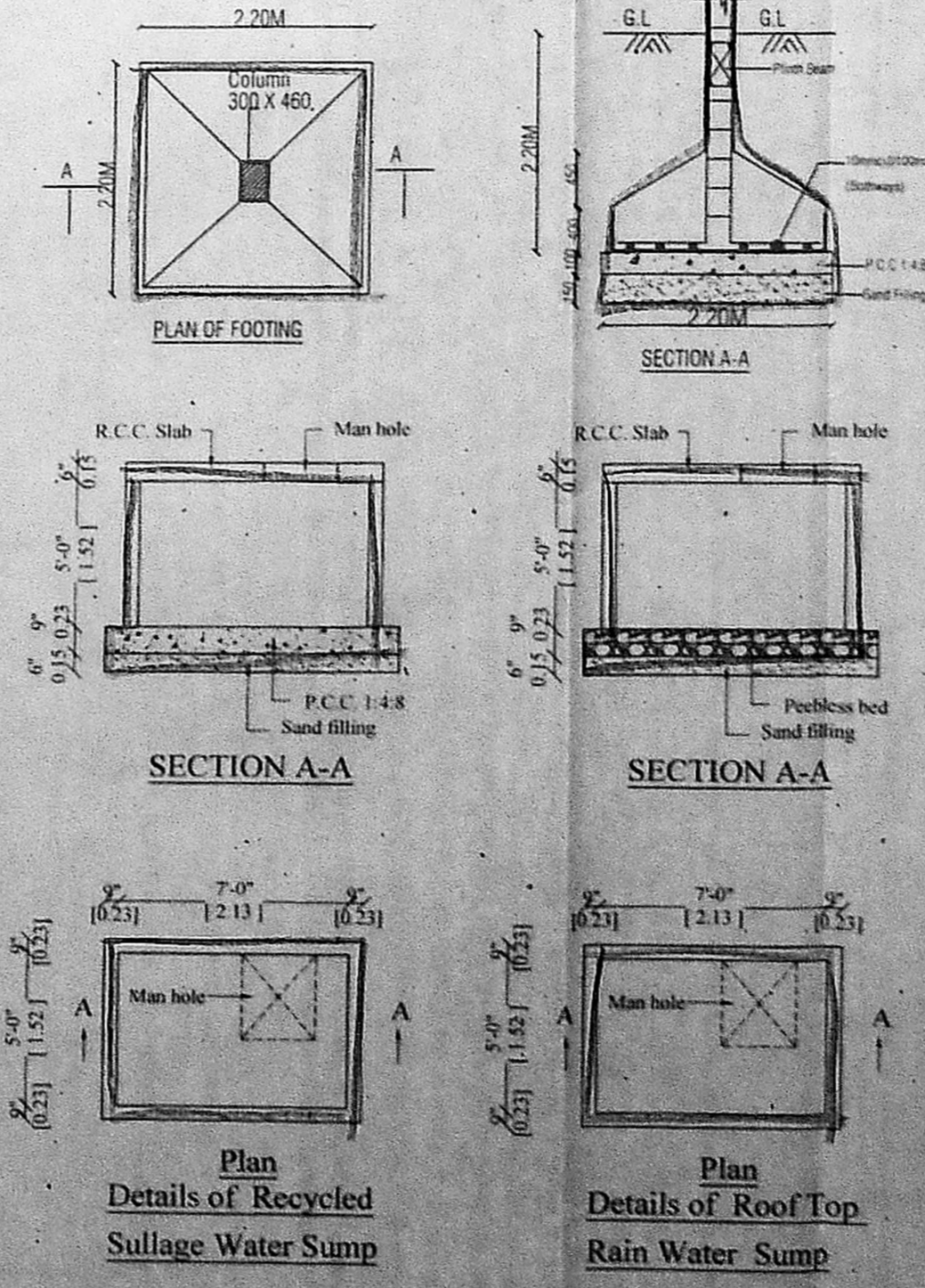
Bore Well Detail



ELEVATION PLAN COMPOUND WALL & GATE DETAILS



RAIN WATER TRENCH



PLAN Details of Recycled Sullage Water Sump Details of Roof Top Rain Water Sump

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT, PLOT NO: 13, KALAIGNAR STREET, SUSELLA NAGAR, KOVILAMBAKKAM VILLAGE, IN OLD S.NO: 150 / 3 & 150 / 4 (AS PER DOCUMENT) R.S NO:150 / 4B & 150 / 5 (AS PER PATTA) SHOLINGANALLUR TALUK, KANCHEEPURAM DISTRICT. ST. THOMUS MOUNT PANCHAYATH UNION, LIMITS

SPECIFICATION

SAND FILLING FOR FOUNDATION AND BASEMENT
 P.C.C 1:4:8 FOR FOUNDATION AND BASEMENT
 9" BRICK WORK WALLS IN C.M. 1:5
 4.5" BRICK WORK WALLS IN C.M. 1:5
 ALL COLUMN, BEAMS & SLABS ARE IN CC 1:2:4
 ALL R.C.C WORKS M 25 GRADE CONCRETE
 CEILING PLASTERING IN CEMENT MORTOR 1:3
 WEATHERING COURSE USING BRICK JELLY & LIME CONCRETE IN 1:3 RATIO
 CLAY TILES IN TERRACE FLOOR USING CM 1:4
 WALLS & CELING WITH CEMENT PAINT
 DOORS & WINDOWS WITH ENAMEL PAINT
 CERAMIC FLOORING IN CM 1:3

JOINERY DETAIL

| TYPE | DESCRIPTION | SIZE IN METRE |
|------|--------------|---------------|
| M.D | MAIN DOOR | 1.00 X 2.10 |
| D1 | DOOR | 0.91 X 2.10 |
| D2 | DOOR | 0.75 X 2.10 |
| F.D | FOLDING DOOR | 1.80 X 2.10 |
| W | WINDOW | 1.80 X 1.20 |
| W1 | WINDOW | 1.20 X 1.20 |
| W2 | WINDOW | 0.75 X 1.20 |
| W3 | WINDOW | 0.60 X 1.20 |
| F.W | WINDOW | 1.80 X 1.80 |
| V | VENTILATOR | 0.75 X 0.60 |

SCALE 1: 100

COLOUR INDEX

| | |
|----------|--|
| PROPOSED | |
| ROAD | |
| BOUNDARY | |

AREA STATEMENT

| DESCRIPTION | AREA IN SQ.M | | |
|--------------------------|--------------|--------------|--------------------|
| PLOT EXTENT AS PER PATTA | 409.70 sq.m | | |
| AS PER SITE | 400.00 sq.m | | |
| AS PER SITE | 395.58 sq.m | | |
| | FSI AREA | NON FSI AREA | 5% NON FSI BALCONY |
| STILT FLOOR NON FSI | | 185.30 | |
| FIRST FLOOR | 194.95 | | |
| SECOND FLOOR | 194.95 | | |
| THIRD FLOOR | 194.95 | | |
| TOTAL | 584.85 | 185.30 | 27.96 |

F.S.I = $\frac{584.85}{395.58} = 1.478$
 5.60% = 0.32
 2.70% = 0.11
 2.90% = 0.12

OWNER

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 CLASS 1 Licenced Surveyor
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