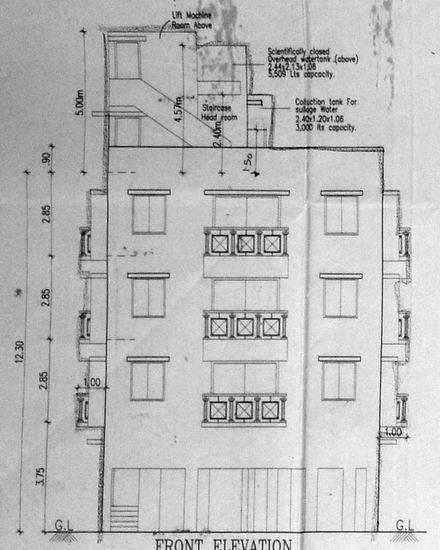
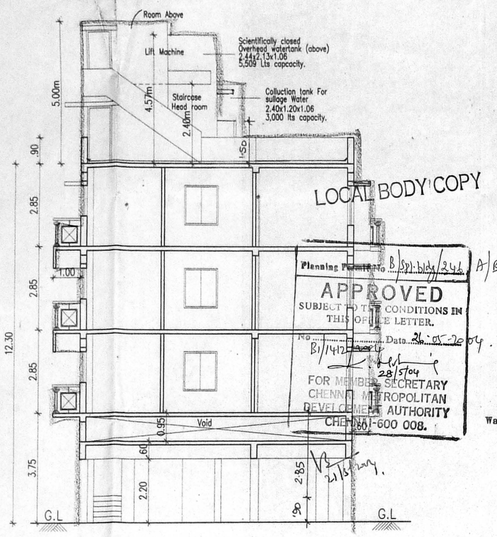
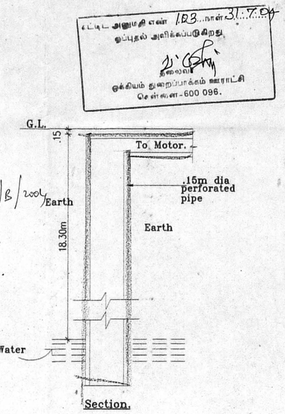


FRONT ELEVATION



SECTION A-A



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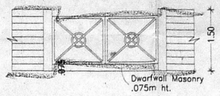
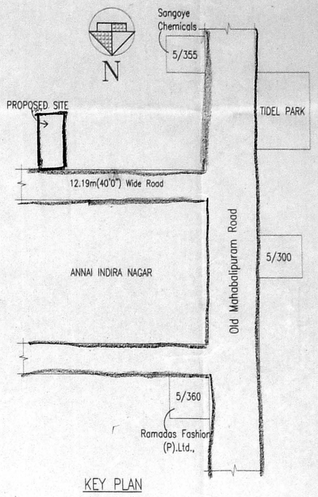
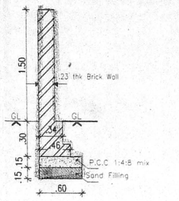


Gate Detail



KEY PLAN
(Not to Scale)



Compoundwall detail

Plan.

Bore Well Detail.

Schedule of Joineries

MD	1.06 x 2.13	Main Door
FD	2.44 x 2.13	French Door
D	0.90 X 2.13	Panelled Door
D1	0.76 X 2.13	" "
FW	1.83 X 1.37	French Window
W	2.44 X 1.37	Glazed Window
W1	1.83 X 1.37	" "
W2	1.22 X 1.37	" "
W3	0.90 X 1.37	" "
KW	1.22 X 1.06	Kitchen Window
KW1	0.60 X 1.06	" "
V	0.90 X 0.60	Louvered Ventilator
V	0.76 X 0.60	Louvered Ventilator

Specifications

Foundation :Column footing foundation.

Flooring :Mosaic Flooring

Super Structure :B.W in C.M 1:5

R.C.C.Work :For Lintel, Beams,sunshade,Roof, etc., with required thickness cement concrete used M-25 grade

Weathering coarse :Brick jelly lime conc. below the weathering tiles

Joinery :Best Indian Country Wood

Finishes :Exterior & interior painted with cement paint.

Area Statement — SQ.M.

Plot Area	–	646.840
Ground Floor Area	–	85.606
First Floor Area	–	290.08
Second Floor Area	–	290.08
Third Floor Area	–	290.08
Total Floor Area	–	955.846

F.S.I Allowed – 1.500 Times = 970.260 sqm
F.S.I Achieved – 1.477 Times = 955.846 sqm
Plot Coverage – 44.85%
Parking – 9 nos
Parking Area – 180.475 sqm

Proposed Residential Building at Plot.No:36, Annai Indira Nagar, Okkiam Thorapakkam, Chennai.

Old.S.No : 281.
New.S.No : 281/37.

All Dimensions are in Metre.
Scale : 1:100

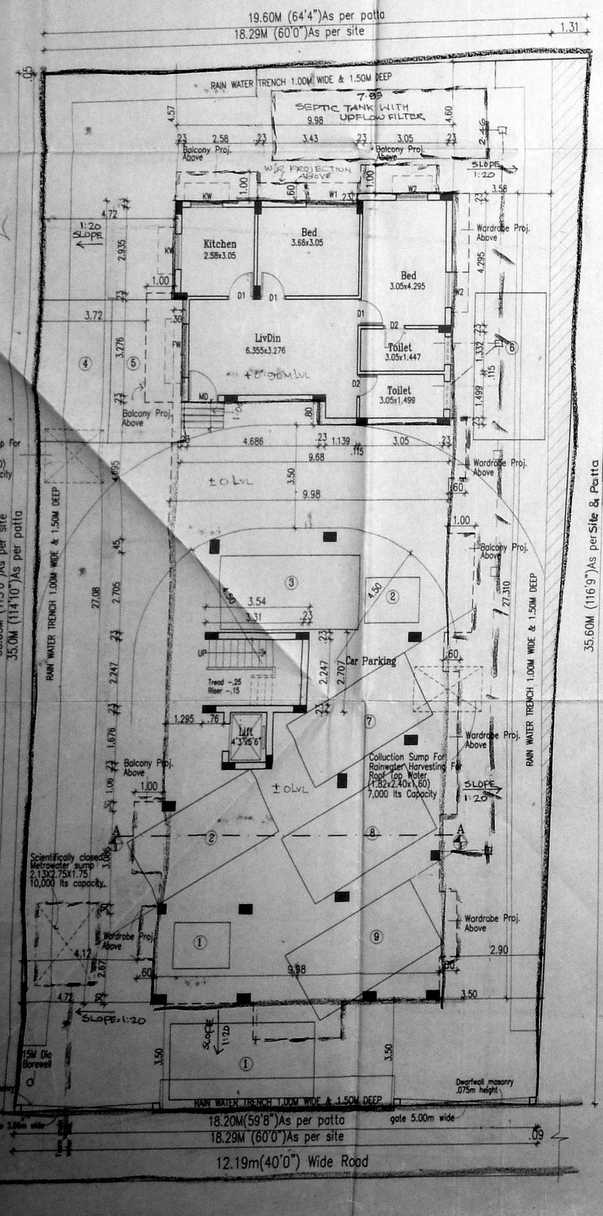
Colour Index

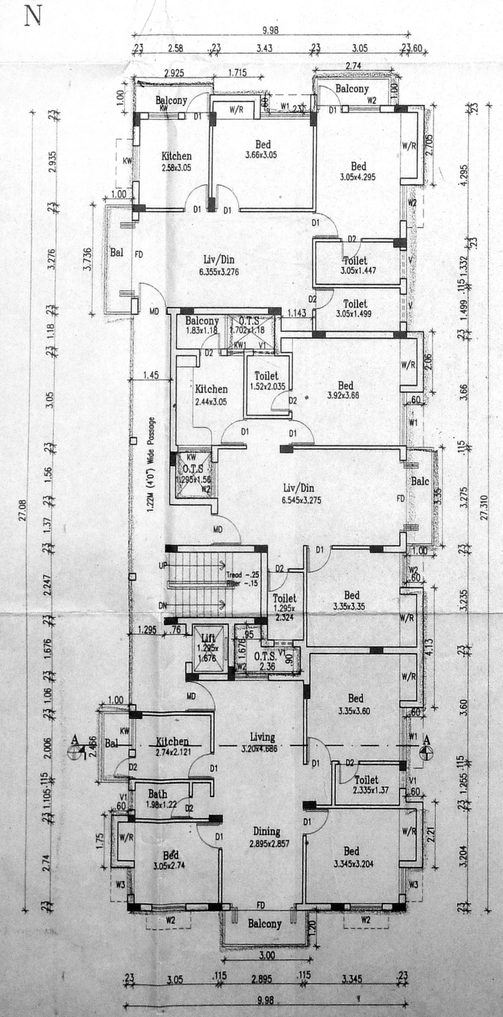
Proposed — Water Line
Boundary — Sewer Line
Road

Owners Signature.

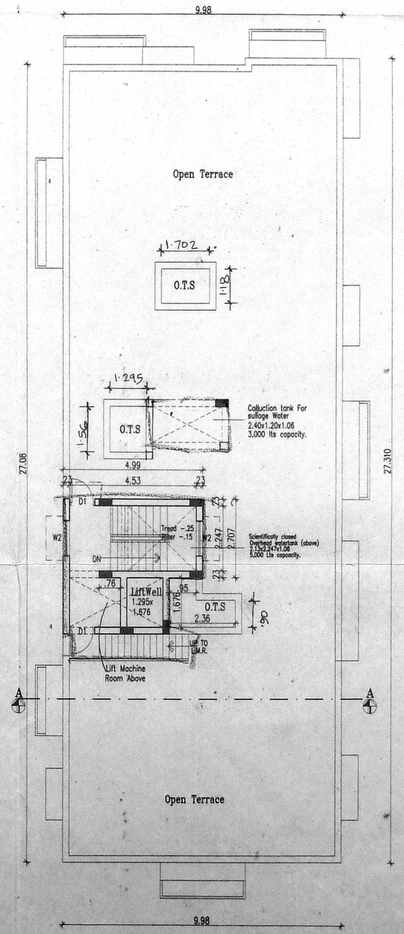
S.N.A. ANBARASAN
M.Arch (U.S.A., England), A.I.I.A.,
Regd.Architect, C.A.No. 10769, R.A.No. 1814
Regd.Valuer
Old No.43, Pantheon Road, Egmore,
Chennai-8. Ph : 8554202, 8550888.

Architects Signature

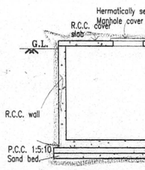




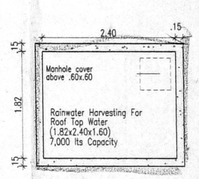
TYPICAL FLOOR PLAN
(1st,2nd&3rd floor)



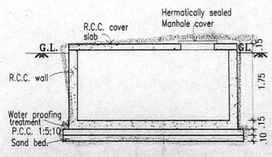
TERRACE FLOOR PLAN



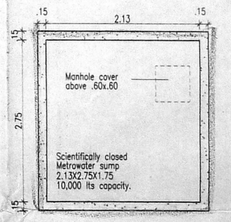
Section of Sump.



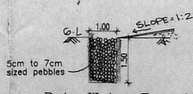
Plan of Sump



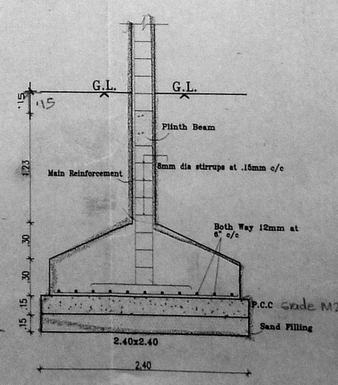
Section of Sump.



Plan of Sump



Rain Water Trench



Column Foundation detail

DESIGN OF SEPTIC TANK
TWO UP FLOW FILTERS.

No. of dwellings	-- 10 Nos.
No. of Users	-- 5X10 = 50nos.
Rate of water supply is	-- 150 LPH/Day.
Then flow of sewage per day	-- 50x150= 7,500 Lts/Day.
Detention period is	-- 18 Hrs.
Tank capacity	-- $7{,}500 \times \frac{18}{24}$ = 5,625 Lts.

The tank is to be cleared every year. So the sludge storage capacity at the rate of 15Lts./person/year.

-- 50x15 = 750
-- 7500+750 = 8250

With provision for future expansion let the total capacity be 8,300 lts. or 8.3 m3.

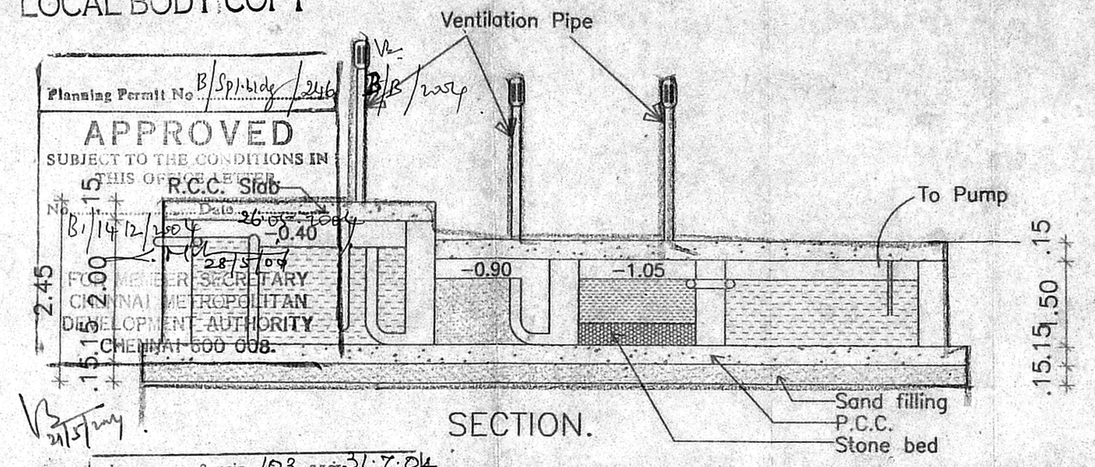
Septic tank having the capacity of	-- 8.3 m3
Depth of liquid as	-- 2.00
Plan of the Tank	-- $\frac{8.3}{2.0}$ = 4.15
Breadth of the Tank	-- 2.00
Length of the Tank	-- 2.08
Free board of the Tank	-- 0.30
Total depth of the Tank	-- 1.70+0.30m =2.00m
PROVIDE SEPTIC TANK OF THE SIZE	-- 2.08x2.00x1.70

UP FLOW FILTERS

Discharge for 75persons	-- 7,500 Lts.
Volume	-- 7.50x0.98=7.35
Depth	-- 1.50m-0.30m =1.20
Plan area required	-- $\frac{7.35}{1.20}$ = 3.675 m2
SIZE OF THE FINAL EFFLUENT SUMP	-- 3.06x2.00x1.50
UP FLOW FILTER NO.1	-- 1.50x2.00x1.50
UP FLOW FILTER NO.2	-- 1.50x2.00x1.50

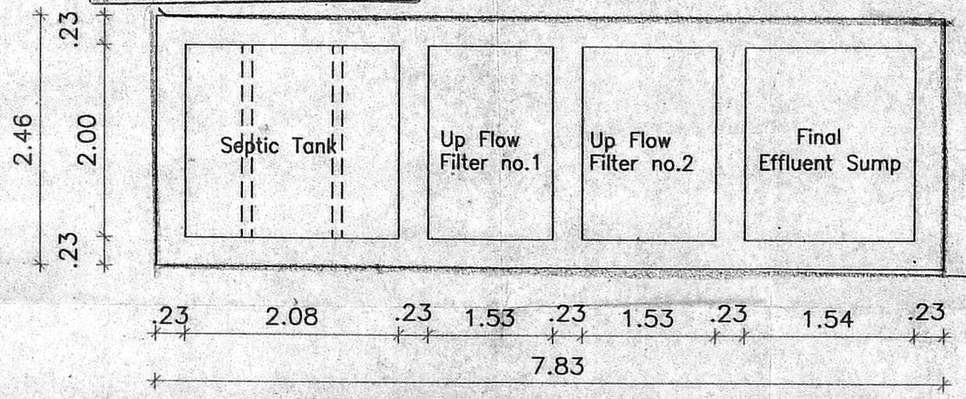
DETAIL OF SEPTIC TANK.

LOCAL BODY COPY



SECTION.

கட்டிட அனுமதி எண் 103 நாள் 31.7.04
இதற்கு அனுமதிக்கப்படுகிறது
தலைவர்
ஒக்கியம் துரைப்பாக்கம் ஊராட்சி
சென்னை-600 096.



PLAN.

PROPOSED RESIDENTIAL BUILDING AT PLOT NO.36, ANNAI INDIRA NAGAR, OKKIAM THORAPAKKAM, CHENNAI.

OLD S.NO: 281
OLD S.NO: 281/37

All Dimensions are in Metre.

Colour Index

Proposed

Owner's Signature/Power Agent

SIVA. ANDARASAN
M. Arch (U.S.A., England)., A.I.I.A.,
Regd. Architect. C.A. No. 10769, R.A. No. 154
S3, IInd Fl., 43, Pantheon Rd, Egmore,
Chennai - 8. Ph. 8554302, 8550888.

Architect's Signature