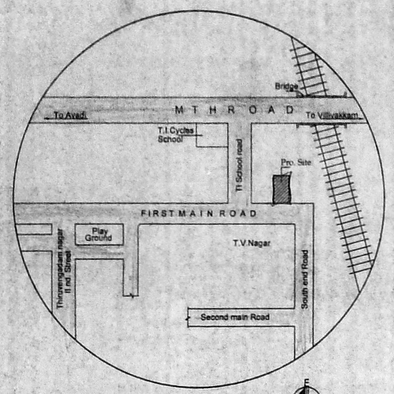
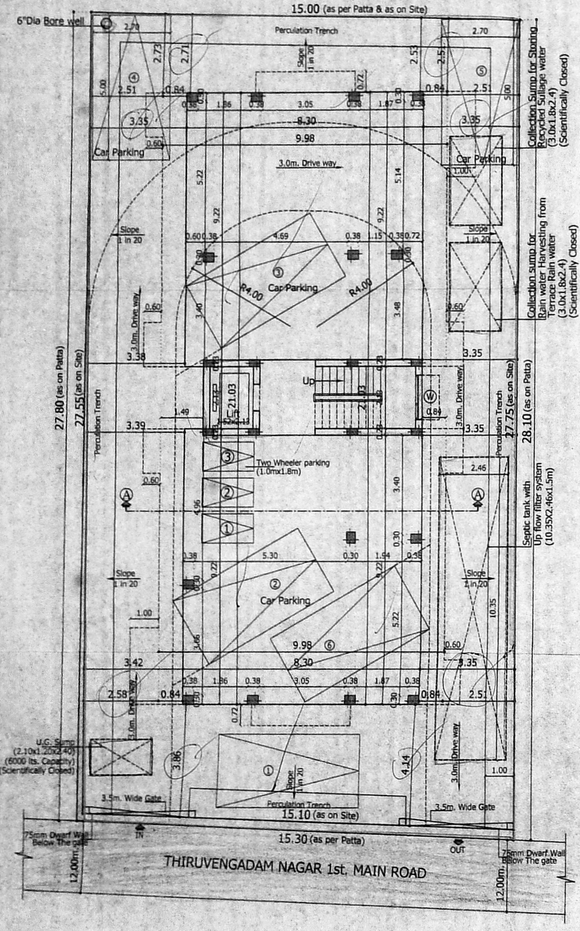
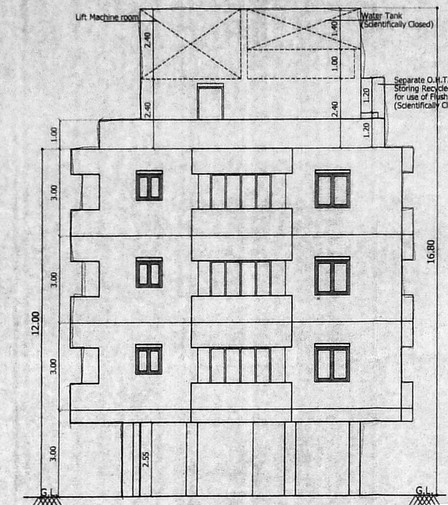


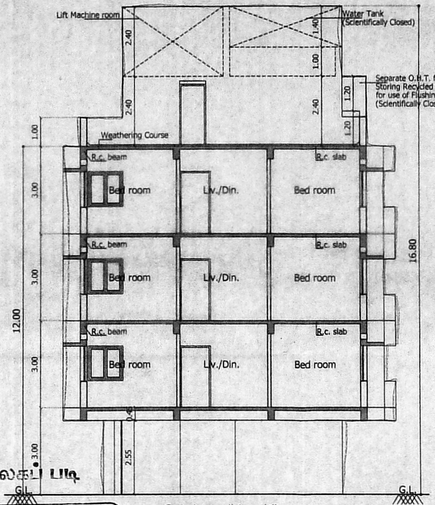
Key Plan
N.T.S.



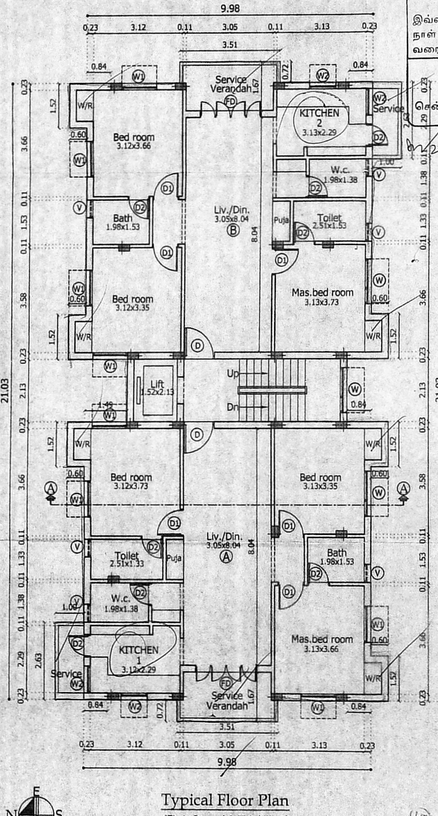
Site/Stilt Floor Plan



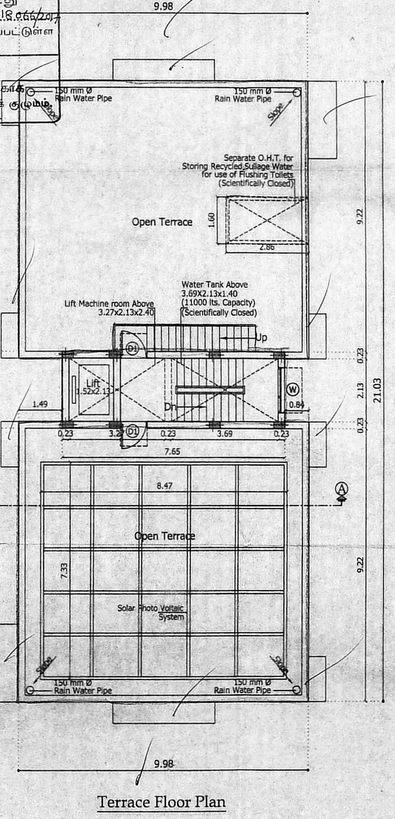
Elevation



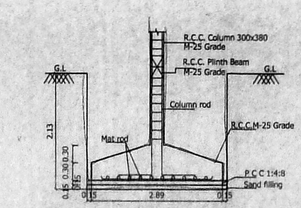
Section - "A - A"



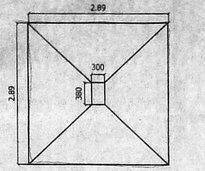
Typical Floor Plan
(First, Second & Third Floor)



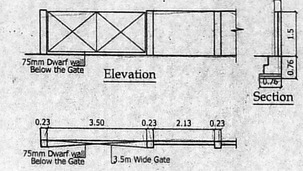
Terrace Floor Plan



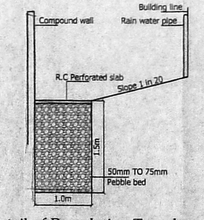
Typical Detail of
Column Foundation



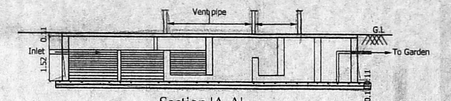
Plan of Column Foundation



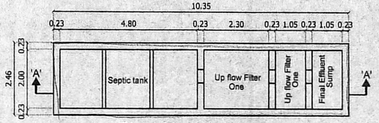
Plan of Compound Wall



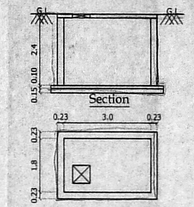
Detail of Perculation Trench



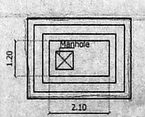
Section 'A-A'



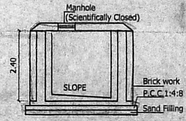
Plan of Septic Tank with
Up Flow Filter system



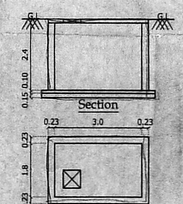
Plan of Recycled Sullage water
Collecting Sump



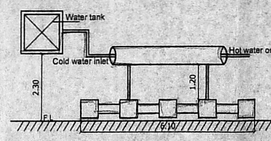
Plan of Sump



Section



Plan of Rain water
Collecting Sump



Solar Hot Water System Detail

Dwarf Wall Detail

SEPTIC TANK CALCULATION

No. units	6
No. of Users	6x6=36
Rate of Water supply	150 lpcd
Flow sewage per day (assuming sewage production@ 150 lpcd)	150x36 = 4500 lqd
Detention period	18 hrs
Tank capacity	5400/24 x 18 - 4050 liters
The Tank to be cleaned to be every Year	
Sludge storage capacity at the rate of 15 liters per person per year	36x15 = 540 liters
tank size of sludge + sewage	4050+540 = 4590liters (or) 4.59 cum
With provision of additional safety	5.5 cum
	2.6mx2.0mx1.05m liquid
free board of tank	0.45 m
Total depth of tank	1.5 m
Provide septic tank of size	2.6mx2.0mx1.5m
UP FLOW FILTERS	
discharge for 24 hrs.	36x150 =5400 ltrs/day
Volume 5400x0.45	2430 liters - 2.43 cum
Depth	1.05
Plan area reqd.	2.31 sqm.
width provided	2.0 m
Length	1.15 m
Upflow filter No: 1	1.2x2.0x1.15 m
Upflow filter No: 2	1.0x2.0x1.15 m
Size of final Effluent sump	1.0x2.0x1.15 m

SCHEDULE OF JOINERY

S.No	WIDTH	HEIGHT	DESCRIPTION
D	1.07	2.13	T.W PANNEL DOOR
D1	0.91	2.13	C.W PANNEL DOOR
D2	0.76	2.13	C.W FLUSH DOOR
FD	2.13	2.13	T.W FRENCH DOOR
W	1.52	1.20	C.W GLAZED WINDOW
W1	1.22	1.20	C.W GLAZED WINDOW
W2	0.91	0.91	C.W GLAZED WINDOW
V	0.60	0.60	C.W GLAZED VENTILATOR

SPECIFICATION

1. P.C.C IN M-25 GRADE
2. R.C.C IN M-25 GRADE
3. 230MM BRICK WORK IN C.M 1:5
4. 115MM BRICK WORK IN C.M 1:5
5. PLASTERING THE CEILING IN C.M 1:3
6. PLASTERING THE WALL IN C.M 1:4
7. WEATHERING COURSE IS BRICK JELLY LIME CONCRETE WITH A COURSE OF FLAT TILES
8. THE O.H.T IS SCIENTIFICALLY CLOSED
9. THE U.G SUMP IS SCIENTIFICALLY CLOSED
10. ALL W.C'S IN GROUND FLOOR RAISED BY 0.91M FROM G.L
11. PROVISION FOR SOLAR WATER HEATER SYSTEM

AREA STATEMENT: SQ.M.

PLOT EXTENT

AS PER DOCUMENT	418.06
AS PER PATTA	423.00
AS ON SITE	415.72

Floor	FSI Area in Sq.m.	Non FSI Area in Sq.m.
STILT FLOOR :	PARKING & NON FSI AREA	
FIRST FLOOR :	207.33	10.22
SECOND FLOOR :	207.33	10.22
THIRD FLOOR :	207.33	10.22
TOTAL BUILTUP AREA	621.99	30.66

F.S.I : 621.99 / 415.72 = 1.496

LEGEND:

- PROPOSED CONSTRUCTION
- BOUNDARY LINE
- ROADS

PLAN SHOWING THE EXISTING CONSTRUCTION AT PLOT No. B-35, FIRST MAIN ROAD, THIRUVENGADAM NAGAR, AMBATTUR, CHENNAI - 600 053 COMPRISED IN OLD S. No. : 589/41 PART, T. S. No. : 81, BLOCK No. : 13, WARD No.: - B, AMBATTUR VILLAGE, AMBATTUR TALUK, THIRUVALLUR DISTRICT, GREATER CHENNAI CORPORATION, DIVISION No. : 81, ZONE - 7.

SCALE: 1:100

POWER AGENT:

LICENSED SURVEYOR

V. Srinivasan

V. SRINIVASAN, AIA.
Registered Architect-CA/99/19735
Licensed Surveyor-Corporation of Chennai
R.A. No. 344
Arm Arcade, R.471(), 17th Street, Anna Nagar(),
Chennai-600 040. Ph: 2629 6529

அனுமதி பெற்ற திட்ட வரைபட அனுமதி எண்: B/Spl.Bldg./106/2018
ஒப்பளிக்கப்பட்டது
இவ்வலுவலகக் கடித எண் B3/18666/2018 நாள் 17.5.2018 ல் குறிப்பிடப்பட்டுள்ள வரையறைகளுக்கு உட்பட்டது.
உறுப்பினர் செயலருக்காக
சென்னைப் பெருநகர் வளர்ச்சிக் குழுமம்
சென்னை - 600 008.

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