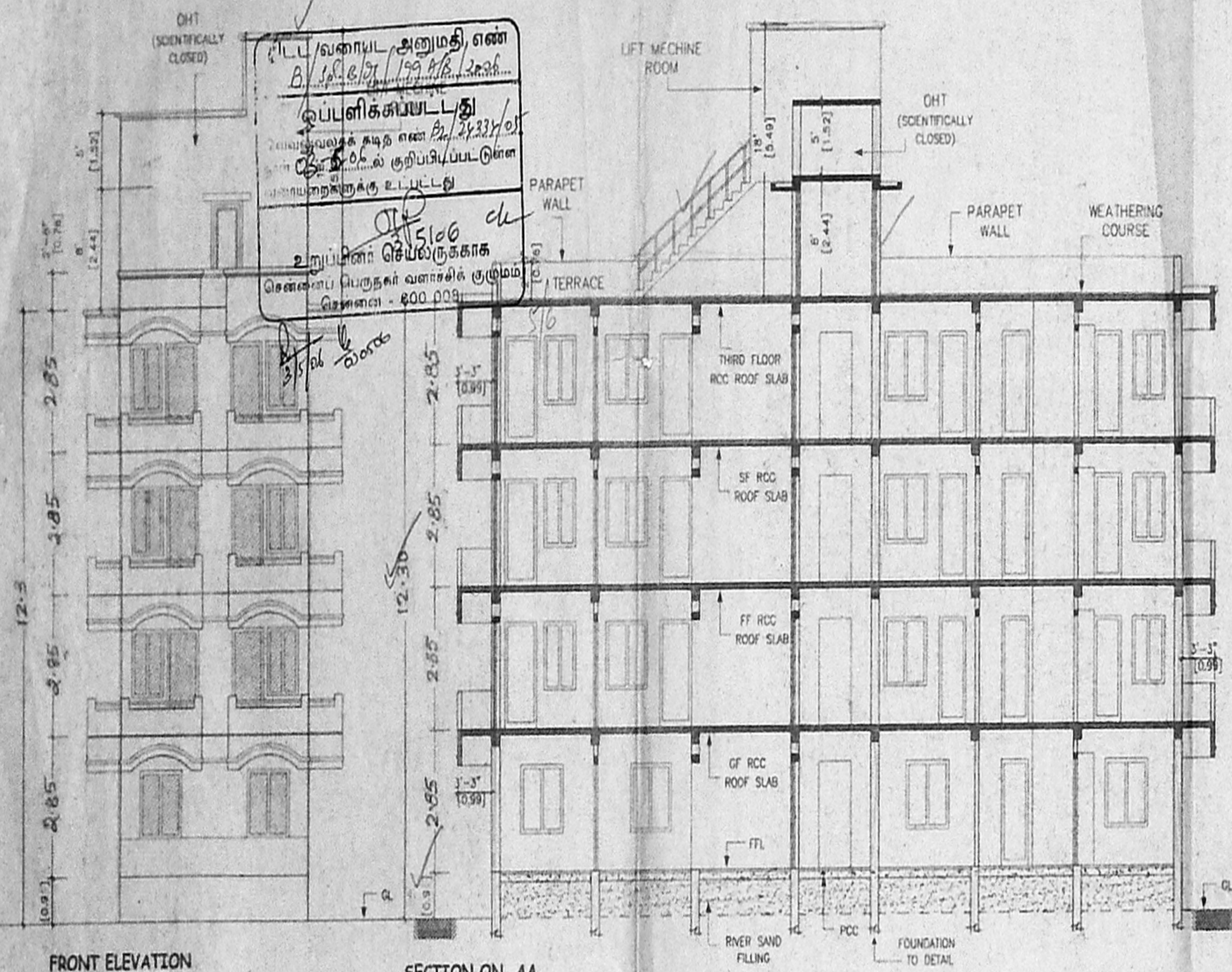
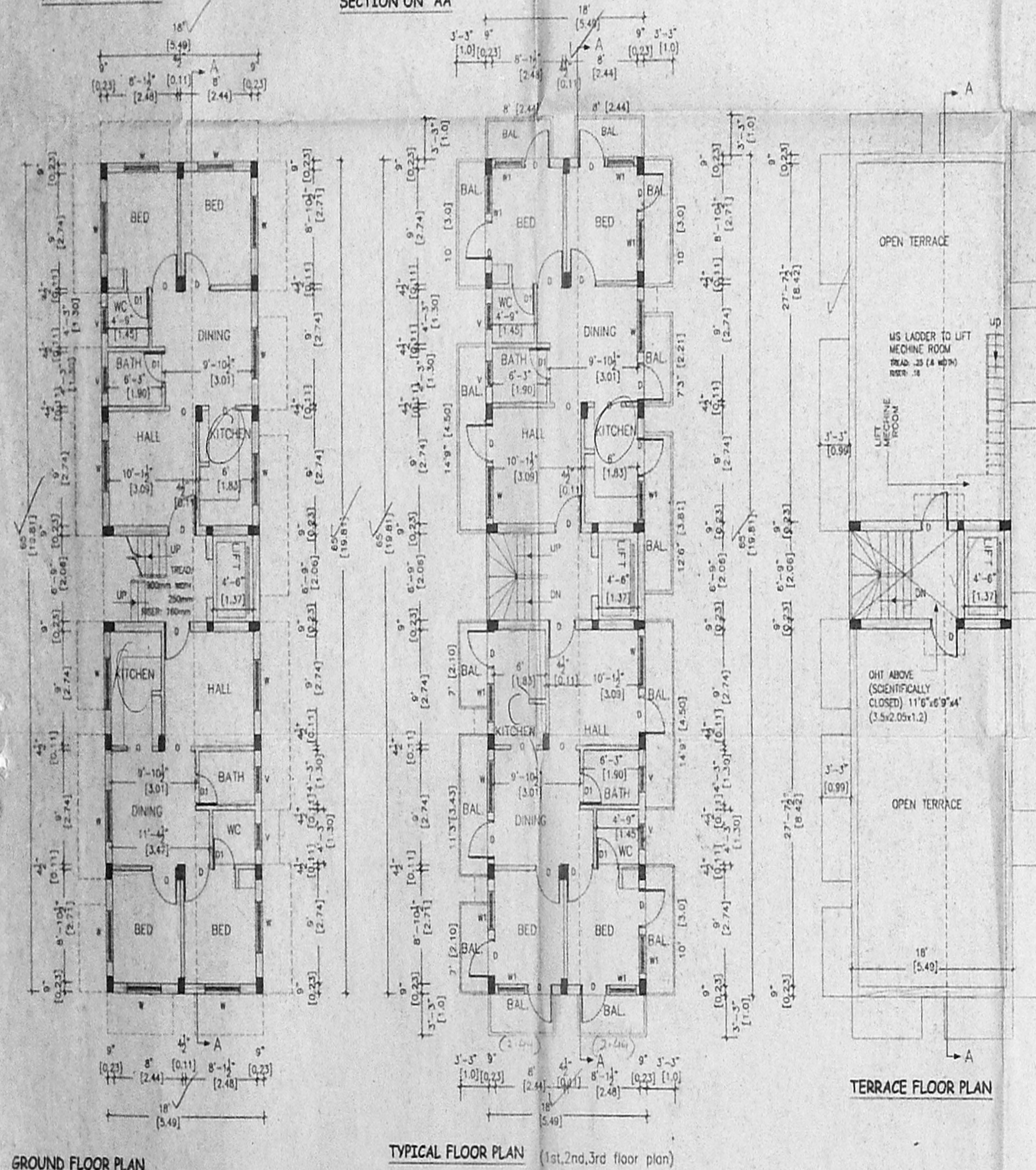


அலுவலகப் படி



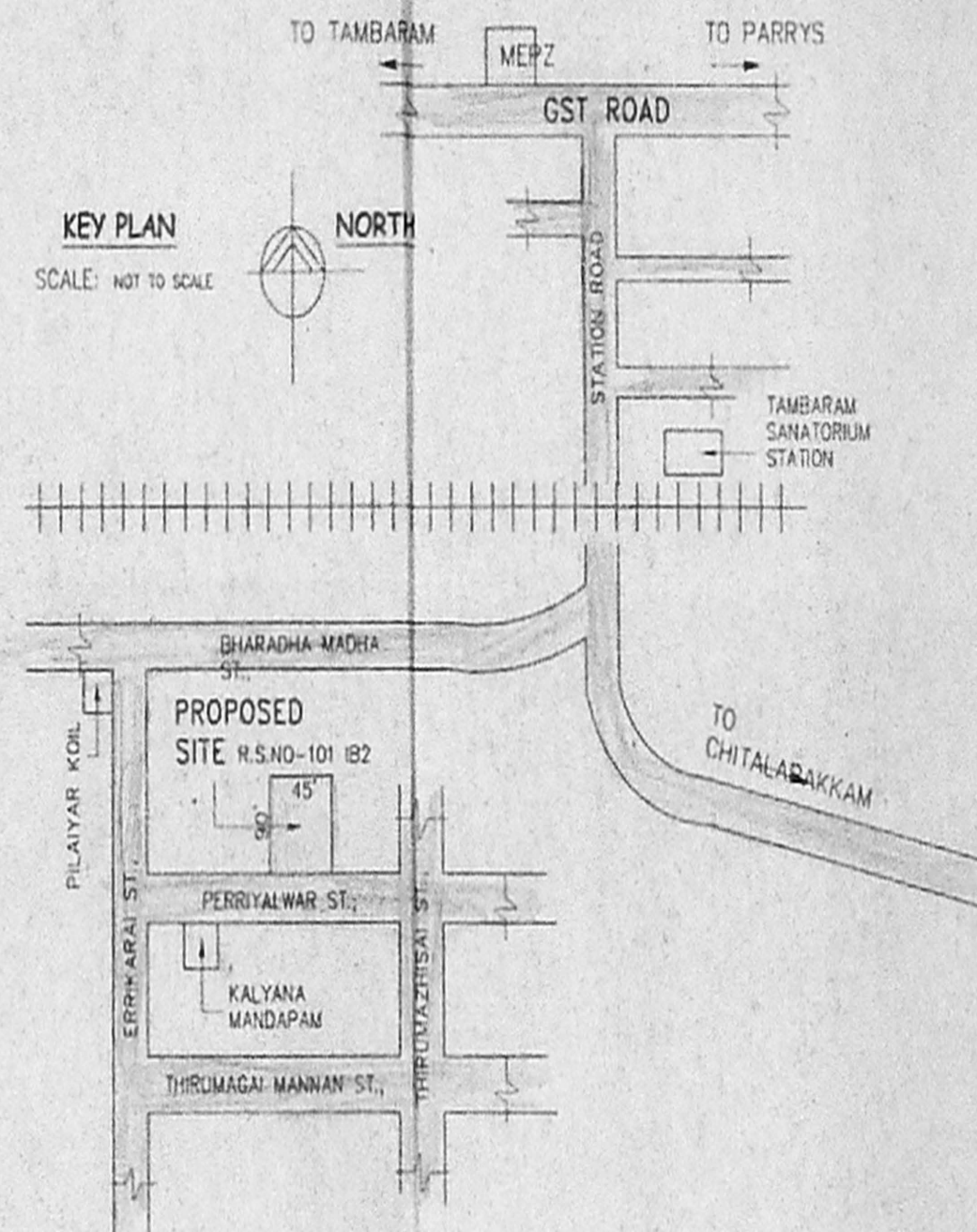
FRONT ELEVATION

SECTION ON AA



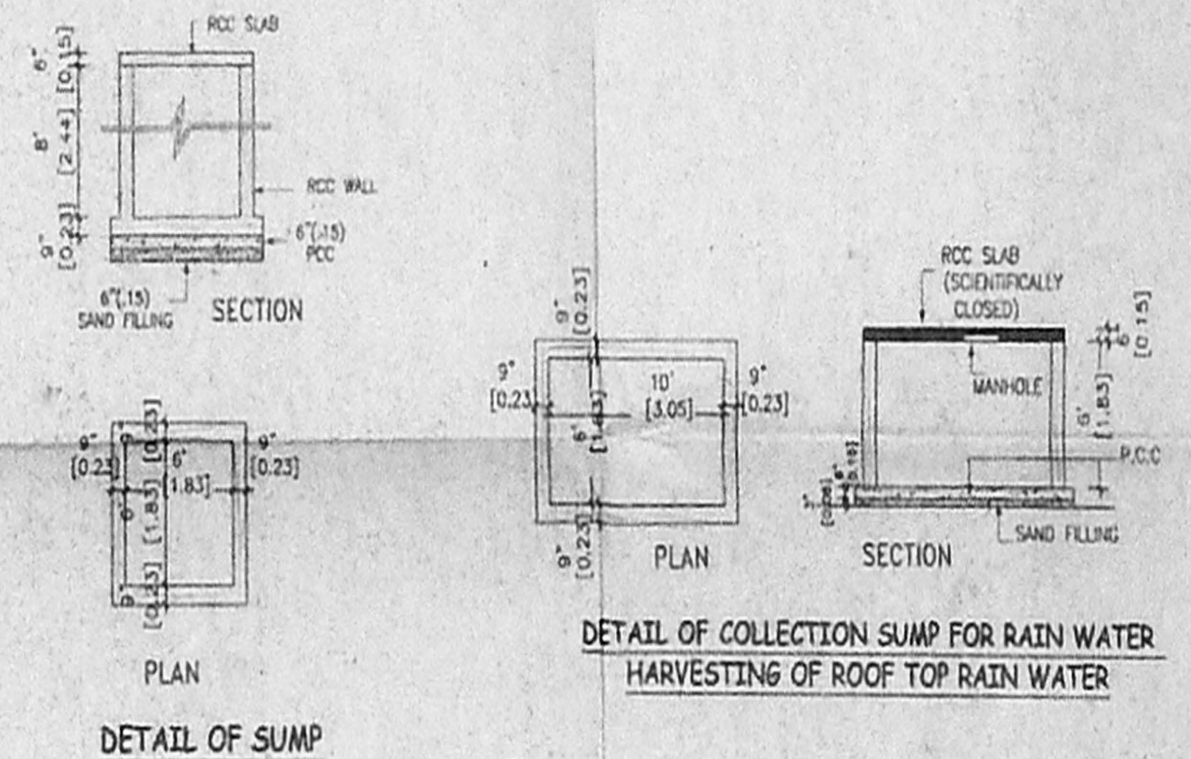
GROUND FLOOR PLAN

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



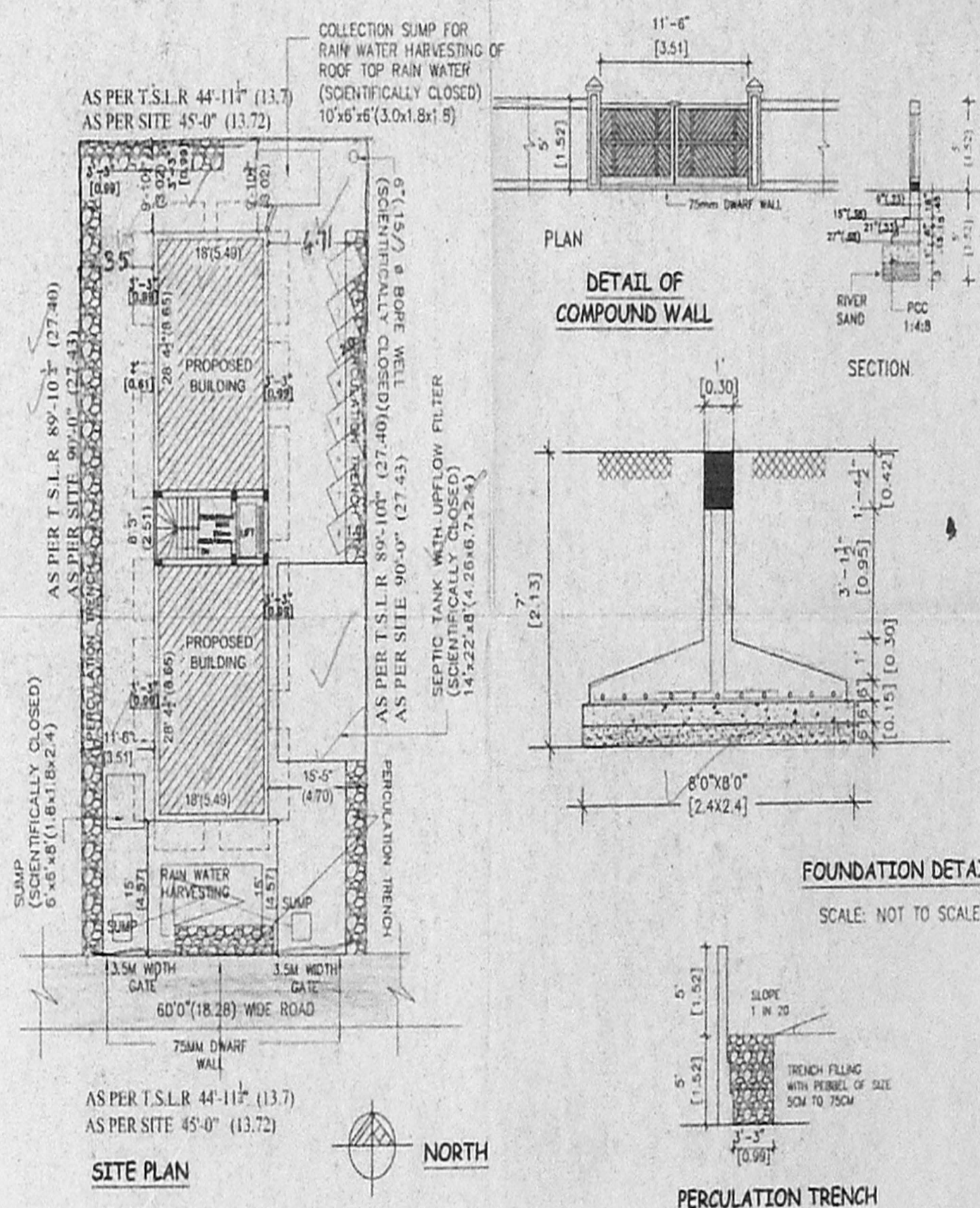
KEY PLAN

SCALE: NOT TO SCALE



DETAIL OF COLLECTION SUMP FOR RAIN WATER HARVESTING OF ROOF TOP RAIN WATER

DETAIL OF SUMP



SITE PLAN

SCALE: 1:200

DETAIL OF COMPOUND WALL

FOUNDATION DETAIL

SCALE: NOT TO SCALE

PERCOLATION TRENCH

ALL DIMENSIONS ARE METRE

SPECIFICATION

- FOUNDATION:
 - P.C.C 1:4
 - CONCRETE 1:2:4 FOR COLUMNS AND 1:2:4 FOR OTHER WORKS
- BASEMENT:
 - P.C.C 1:4
 - BRICK WORK WITH FLOOR ABOVE P.C.C
- SUPER STRUCTURE:
 - BRICK WORK IN C
- ROOF SLAB:
 - 4 1/2" THICK SLAB IN R.C.C 1:2:4
- WEATHERING COURSE:
 - LIME MORTAR WITH FLAT OR PRESSED TILES

SCHEDULE OF THE JOINERY

D	DOOR	3'0"x7'0"	0.98 x 2.1
D1	DOOR	2'6"x7'0"	0.76 x 2.1
W	WINDOW	4'0"x4'6"	1.20 x 1.35
W1	WINDOW	3'0"x3'6"	0.90 x 1.06
V	VENTILATOR	2'0"x2'0"	0.60 x 0.60

AREA STATEMENT:

	SFT	SQM
PLOT AREA:	4,050.00	376.40
MAX F.S.I	6,075.00	564.50
GROUND FLOOR AREA:	1,170.00	108.70
FIRST FLOOR AREA:	1,613.63	149.91
SECOND FLOOR AREA:	1,613.63	149.91
THIRD FLOOR AREA:	1,613.63	149.91
TOTAL FLOOR AREA:	6,010.89	558.43
F.S.I PROVIDED	1.49	
PLOT COVERAGE	28.8 %	

PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO - 38, PERIALWAR ST, EAST TAMBARAM, IN OLD S.NO - 101/1B2, T.S.NO-44, BLOCK NO-3, WARD NO-G OF SELAIYUR VILLAGE, TAMBARAM TALUK, KANCHEEPURAM DISTRICT, TAMBARAM MUNICIPALITY.

SCALE 1/8" TO 1'0" (1 : 100)

- PROPOSED
- ROAD
- BOUNDARY

APPLICANT:

LICENSED SURVEYOR:

S. ATHIYAMAN, S.R.,
 CHARITRED ENGINEER,
 Class I, Licensed Surveyor-No. 15
 Corporation of Chennai
 6, Nettikulam Street, T. Nagar
 Chennai-17. Ph: 2816824
 Mobile: 31058440.

DESIGN CALCULATION FOR THE SEPTIC TANK
WITH UPFLOW FILTERS

அலுவலகப் படி

செ. பெ. வ. கு. (பி) எண்
ந. எண் 22/24334/05
உதவியாளர்.....
கார்த்தாயவு
தி. உ. 1-3-06
சு.தி.அ. சு.தி.அ.

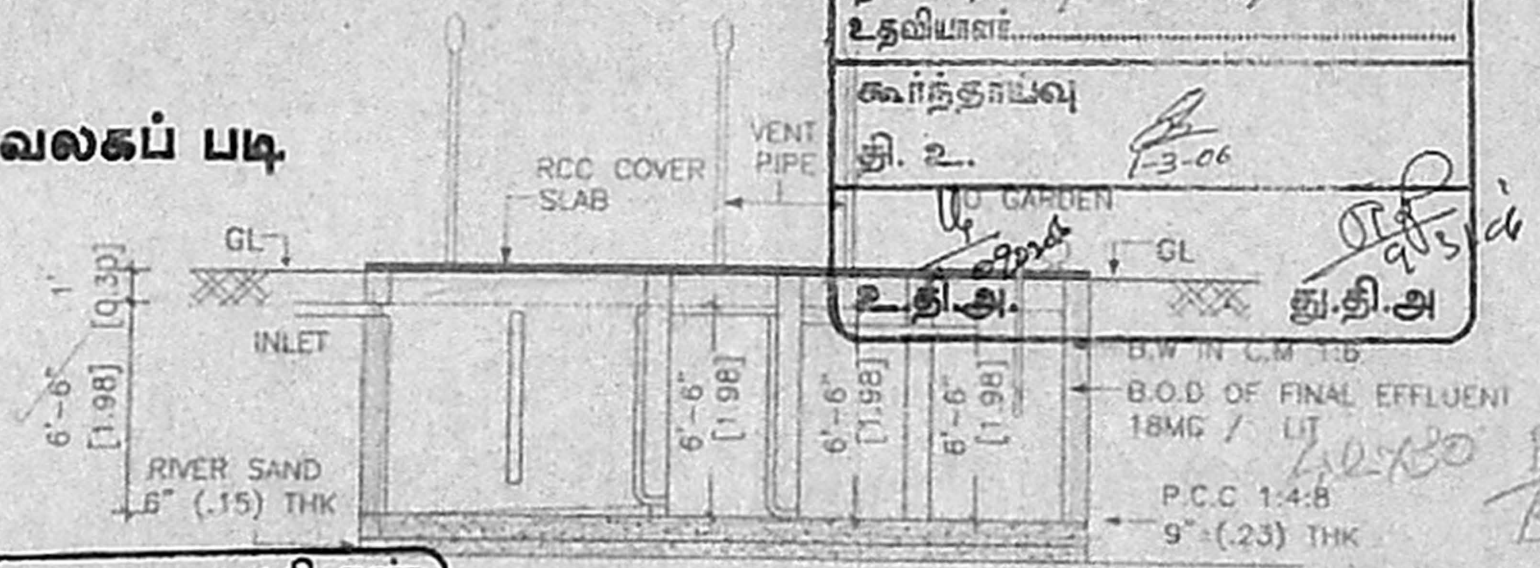
NO OF DWELLINGS 8
NO OF USERS 8x5=40 PERSONS
RATE OF WATER SUPPLY 150 Lts/ DAY
THEN FLOW OF SEWAGE PER DAY 40x150 = 6,000 Lts.
DETENTION PERIODS 18 HRS
TANK CAPACITY 6000x18/24 = 4500 Lts.

THE TANK IS TO BE CLEANED EVERY YEAR SO SLUDGE STORAGE CAPACITY AT THE RATE OF 15Lts PER PERSON PER YEAR WITH PROVISION FOR FUTURE EXPANSION 24x15 = 360 Lts
4500+360 = 4860 Lts

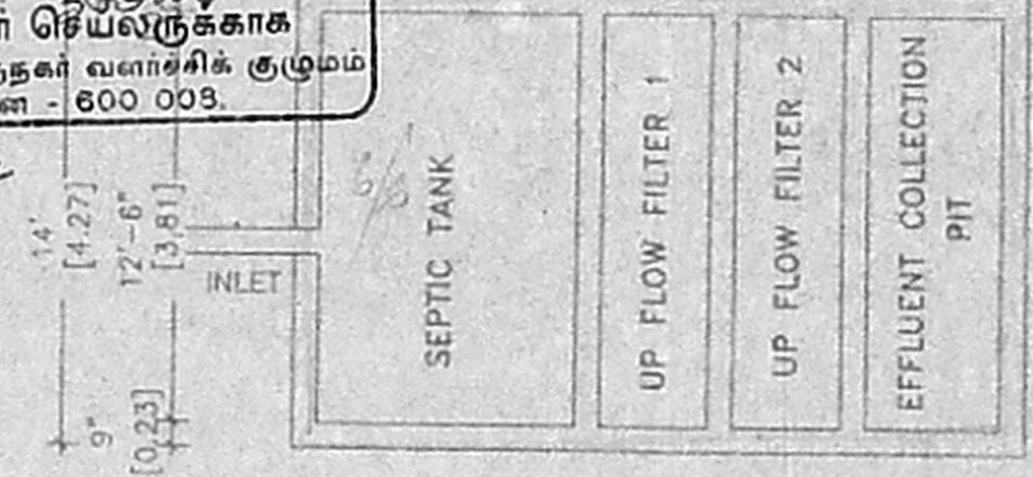
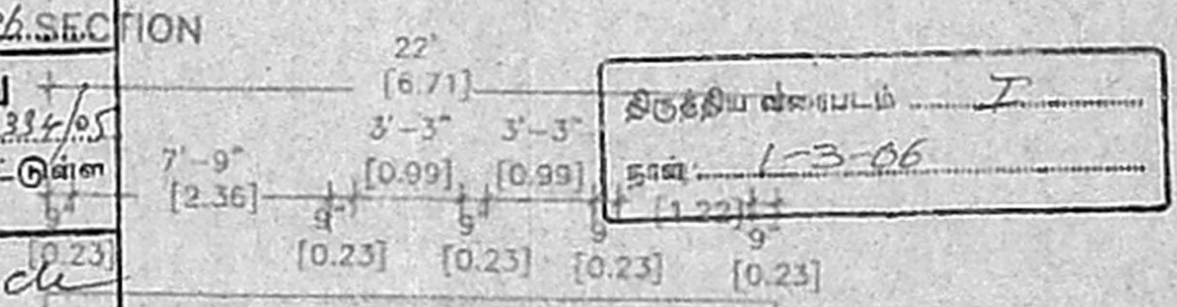
LET THE TOTAL TANK CAPACITY BE 7000 LTS (OR) 7 M³

SEPTICTANK HAVING A CAPACITY OF DEPTH OF LIQUID AS 7 M³
PLAN AREA OF THE TANK 10/20 1.98 M
2.53 M²

LENGTH OF THE TANK 2.36
BREATH OF THE TANK 3.81
FREE BOARD OF THE TANK 0.3
TOTAL DEPTH OF THE TANK 1.98
DISCHARGE FOR 40 PERSONS 4500 Lts
VOLUME 40 X .20 8 M³
DEPTH 1.98 M
PLAN AREA REQUIRED 16.9M²x1.98
SIZE OF THE FINAL EFFIVENT SUMP 2.5x4.27x1.98
UP FLOW FILTER NO - 1 0.9x4.27x1.98
UP FLOW FILTER NO - 2 0.9x4.27x1.98



திட்ட வரைபட அனுமதி எண்
199 B/6/1006
ஒப்பளிக்கப்பட்டது
வலுவலகக் கடித எண் 24334/05
பாள் 03-5-06ல் குறிப்பிடப்பட்டுள்ள
வரையறைகளுக்கு உட்பட்டது
உறுப்பினர் செயலருக்காக
சென்னைப் பெருநகர் வளர்ச்சிக் குழுமம்
சென்னை - 600 003.



PLAN
DETAILS OF UPFLOW FILTER
SEPTIC TANK
(NOT TO SCALE)

APPLICANT:
[Signature]
LICENSED SURVEYOR:
S. ANJAYAN, S.E.,
REGISTERED ENGINEER,
Class I License Surveyor No. 18,
Registration of Chennai
5 Nat. Highways, T. Nagar,
Chennai-17. Ph: 28156824
Mobile: 31038440.