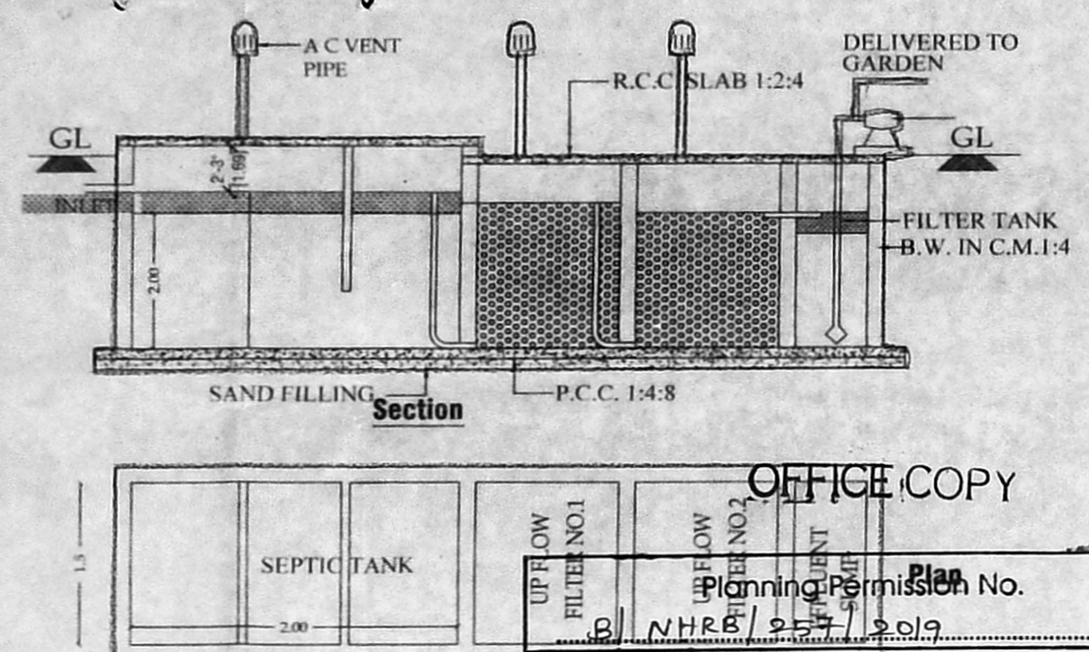
(161)



Details of upflow filter septic tank

OFFICE COPY

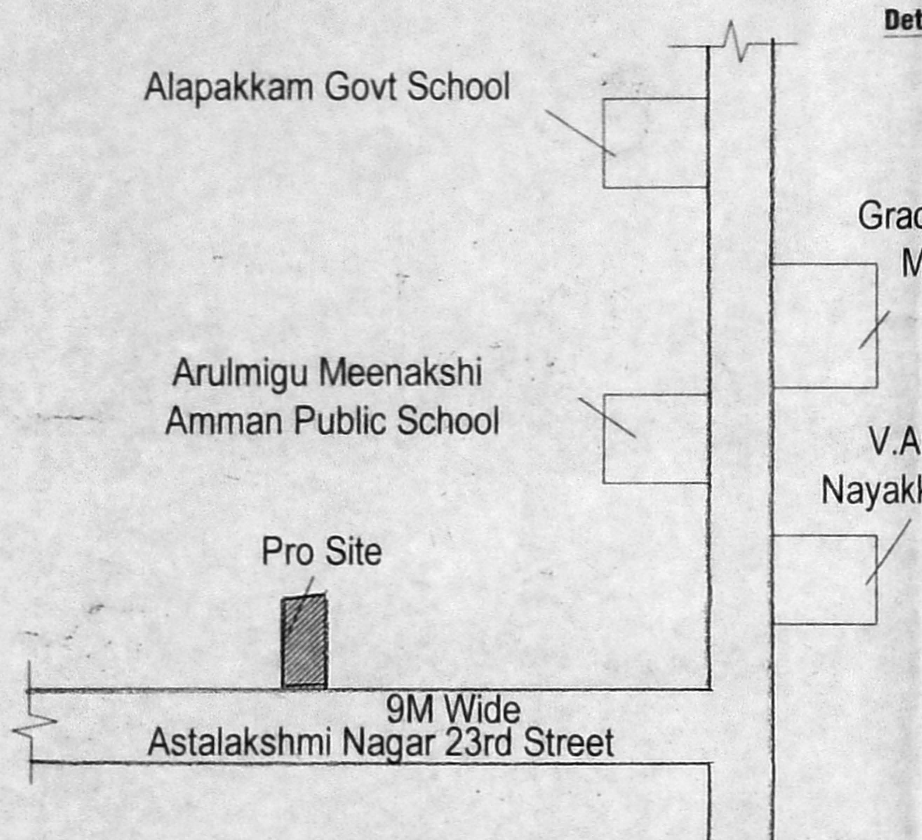
Planning Permission No.
B| NHRB| 257| 2019

APPROVED
Subject to conditions mentioned in this office
Letter No. PP/NHRB/C/571/2019 Dated 18/09/19
18.9.19
For Deputy Planner
Non High Rise Buildings
Chennai Metropolitan Development Authority
Chennai-600 008.
This approval is valid only after Building Permit is issued by the concerned Local Body

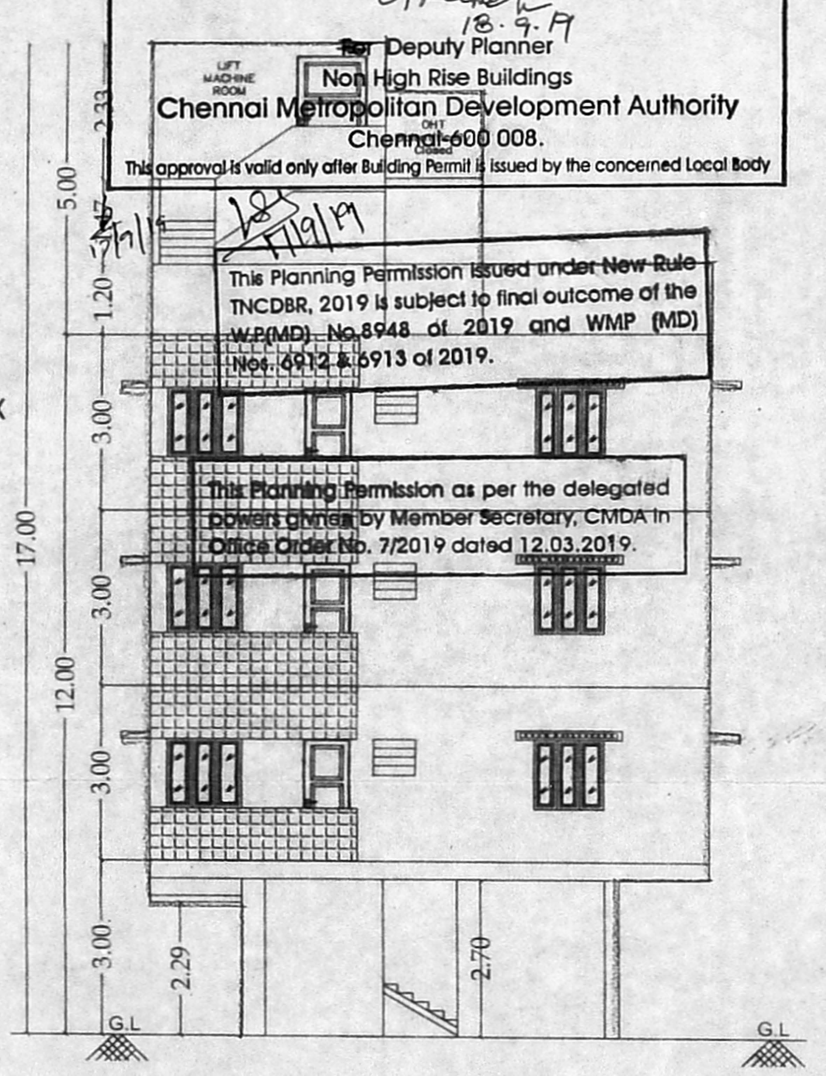
This Planning Permission issued under New Rule TNCDBR, 2019 is subject to final outcome of the W.P(MD) No.8948 of 2019 and WMP (MD) Nos. 6912 & 6913 of 2019.

This Planning Permission as per the delegated powers given by Member Secretary, CMDA in Office Order No. 7/2019 dated 12.03.2019.

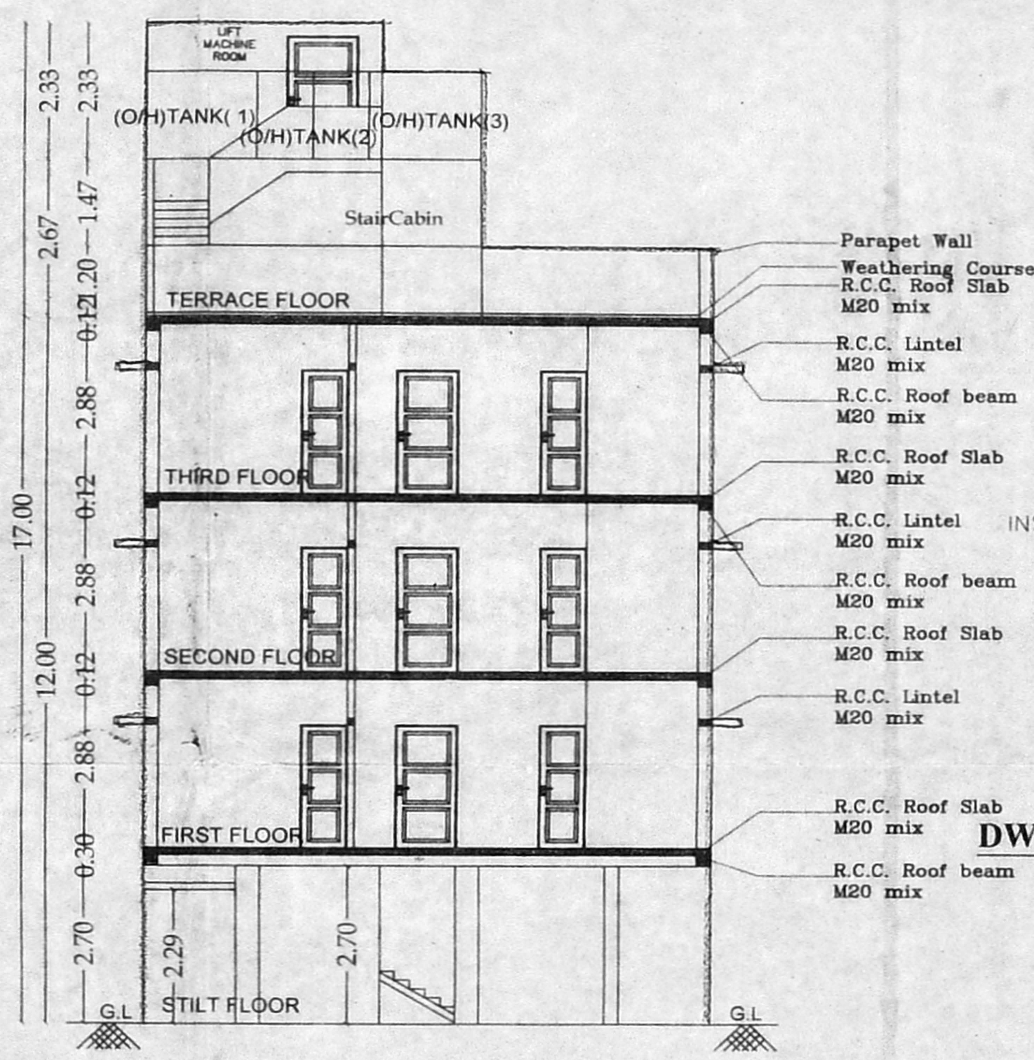
Design of Septic Tank & Upflow Filter Estimated Peak Discharge
FIXTURE EQUIVALENT
No of Dwelling units -- 6 Nos
No of Persons per unit -- 5 Nos
Total No of persons -- 5 x 6 = 30 Nos
The efficient usage by person/Day --- 40Liters
Total capacity of tank - 40x30 = 1200 Lit
Depth of the Septic of tank - 2m
Septic of tank Area - 1200/2 = 0.6 Sqm
Hence Area of Final Effluent Sump - 1.00/1.00 - 1Sqm
Size of upflow filter 1 - 1.00x1.50x2.00 m
Size of upflow filter 2 - 1.00x1.50x2.00 m
Size of Final Effluent Sump - 1.00x1.50x2.00 m



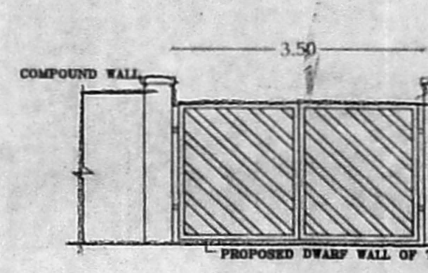
KEY PLAN (NTS)



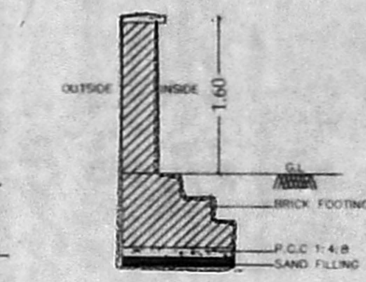
FRONT ELEVATION



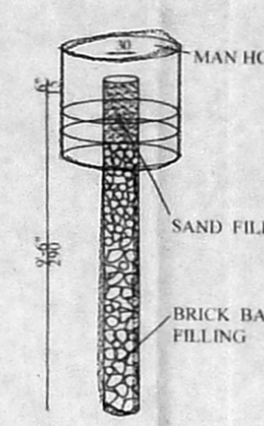
SECTION ON "AA"



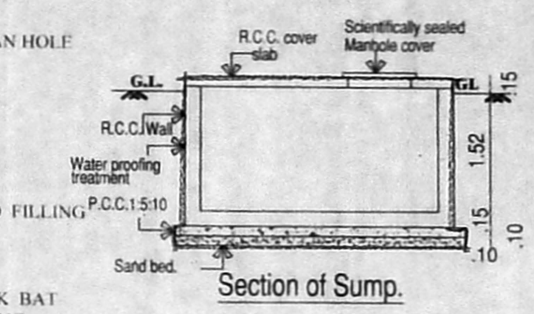
PROPOSED ENTRY & EXIT GATE
NOT TO SCALE



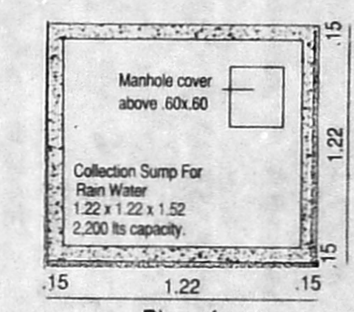
NOT TO SCALE
PROPOSED COMPOUND WALL



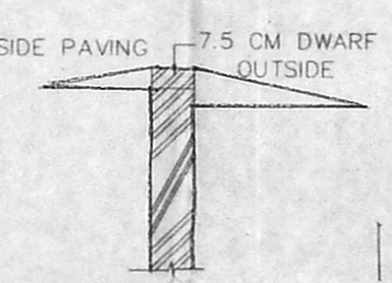
PERCULATION PIT



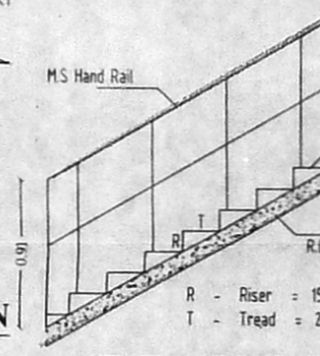
Section of Sump.



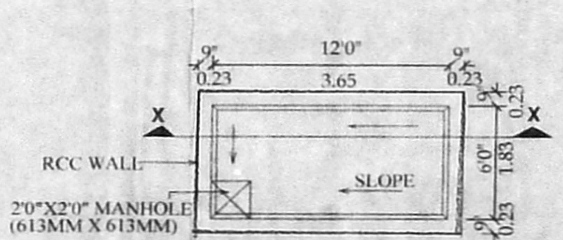
Plan of Sullage water sump



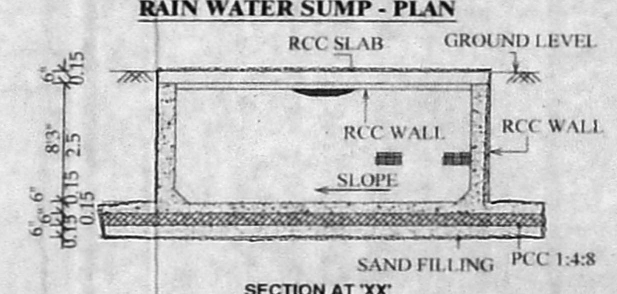
SECTION
DWARF WALL SECTION



STAIRCASE DETAILS

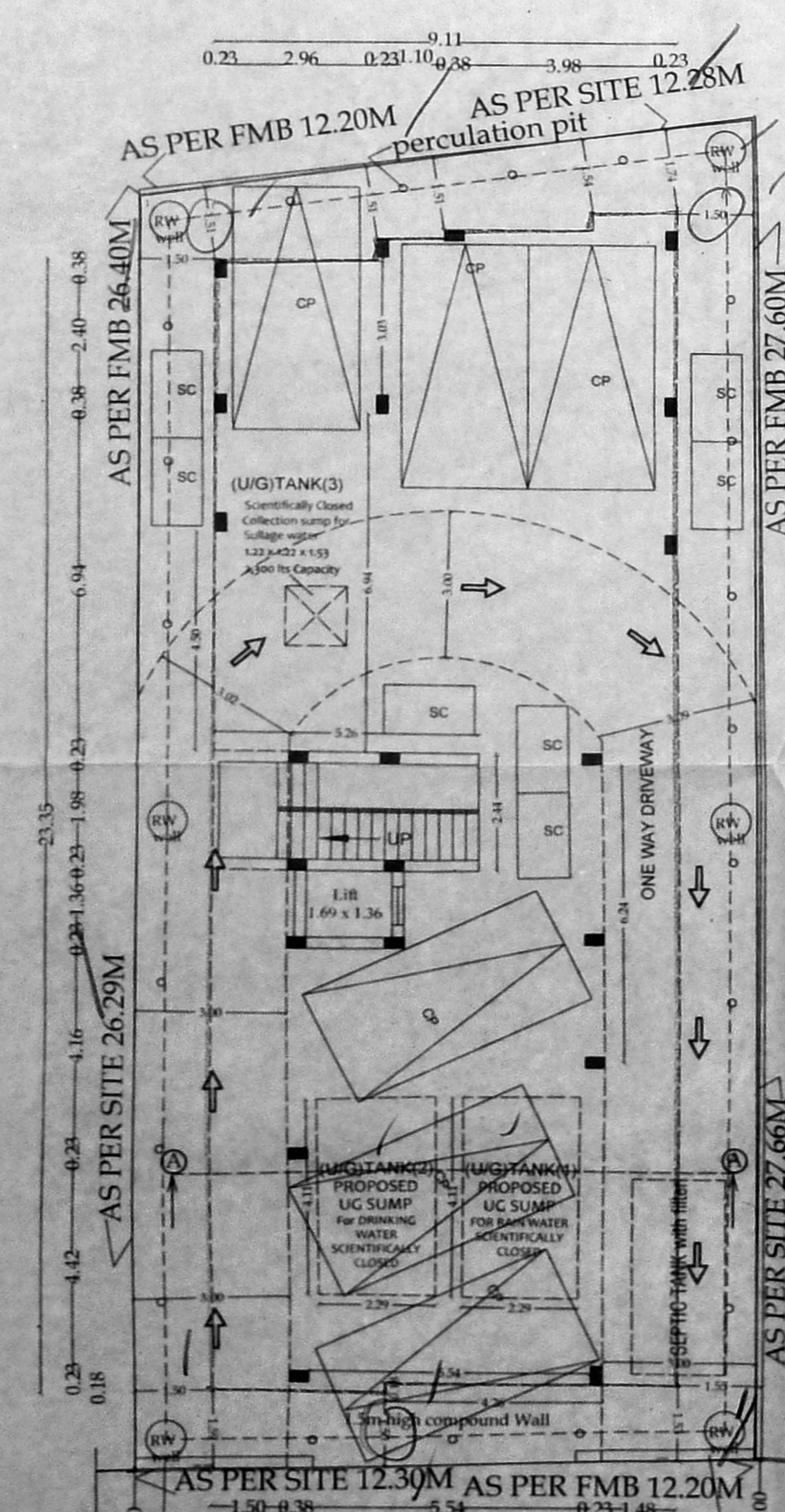


RAIN WATER SUMP - PLAN

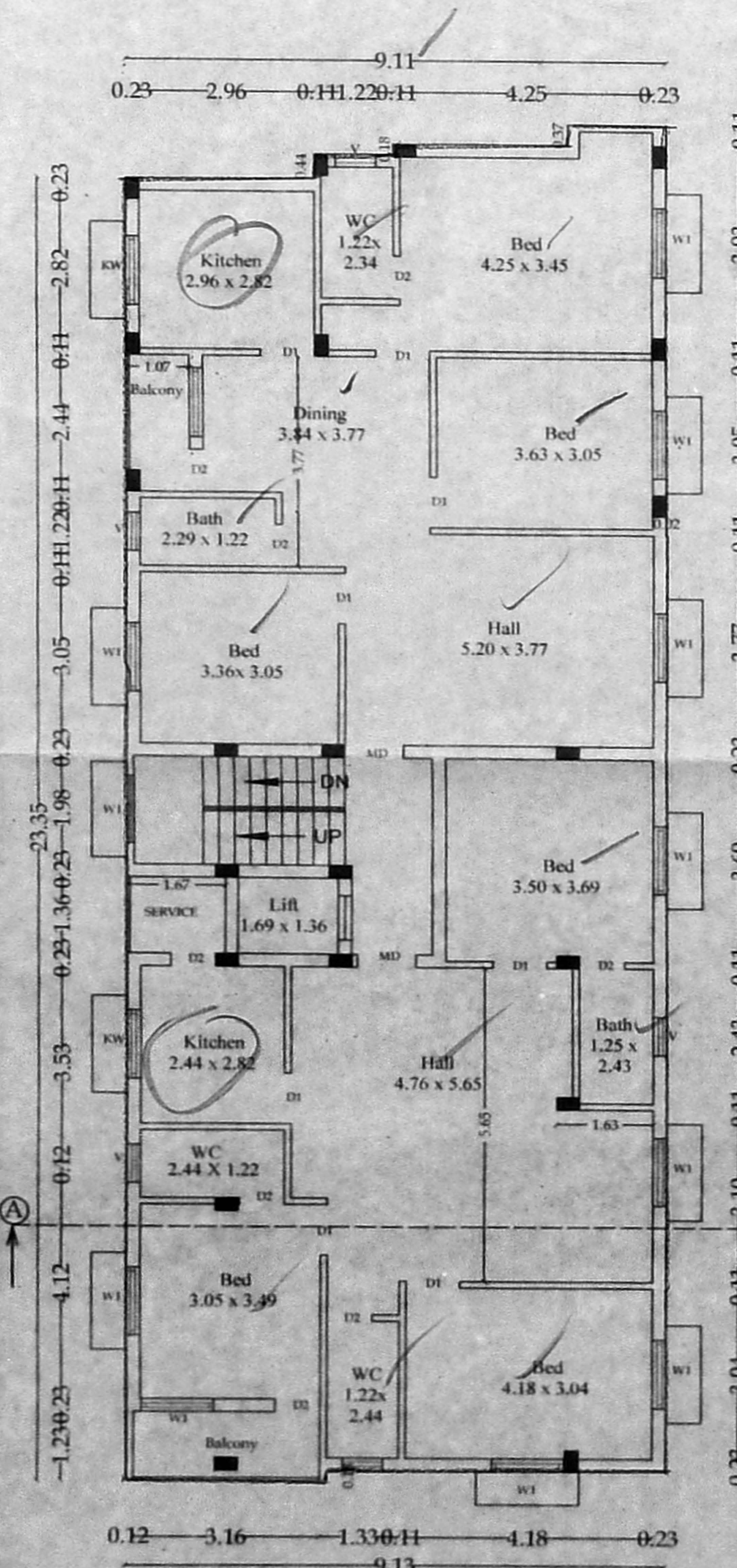


SECTION AT 'XX'

UG TANK FOR RAIN WATER & DRINKING WATER SCIENTIFICALLY CLOSED

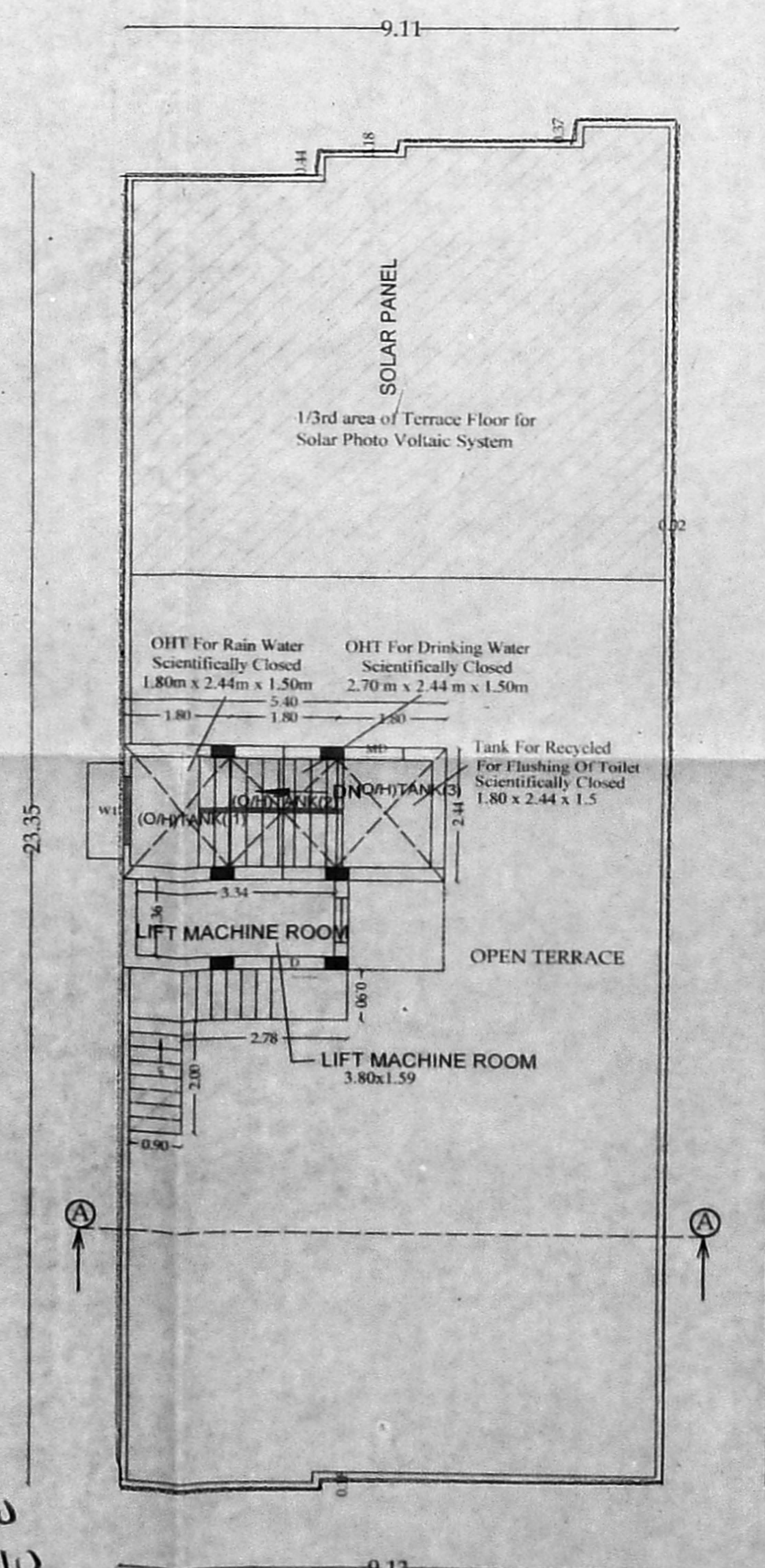


SITE CUM STILT FLOOR PLAN

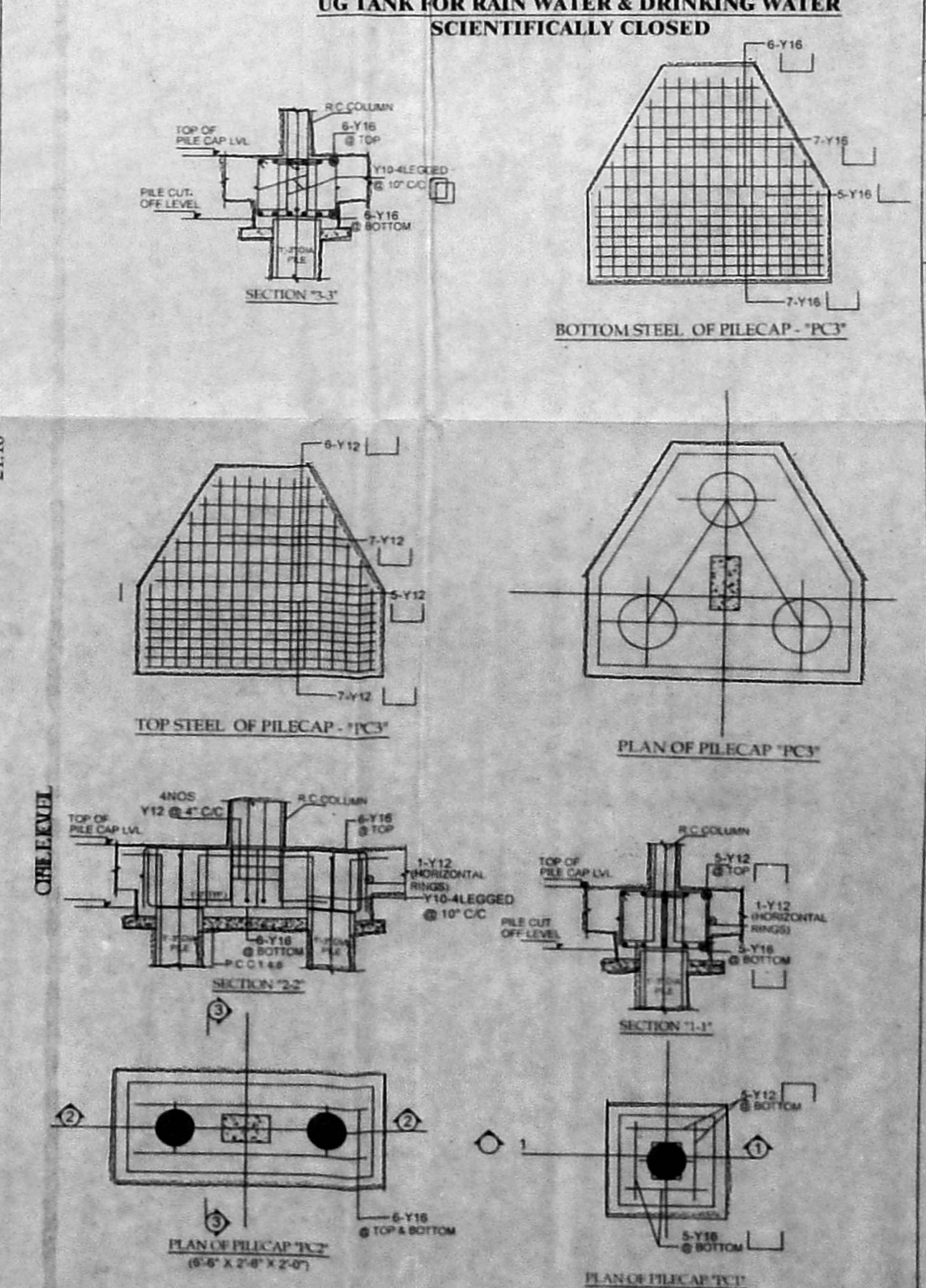


TYPICAL -1-2-3 FLOOR PLAN

1st = 2D/U
2nd = 2D/U
3rd = 2D/U



TERRACE FLOOR PLAN



DRAWING TITLE OFFICE COPY

Plan Showing The Proposed Construction Of Residential Building at Plot No.42D, Astalakshmi Nagar 23rd Street ,In Old S.No: 373/1Part (as per doc) ,New S.No: ... (as per patta) of Maduravoyal Village, Greater Chennai Corporation. Division No:147, Zone:11

திருத்திய வரைபடம் 05/09/19

ந.க.வ.எண் PP/NHRB/C/571/19
உதவியாளர்
17.9.19

Previous RegularitationApproved No:

PPA NO:1921, Date:13/05/2019

	SCHEDULE OF JOINERY	SIZES OF JOINERY	
		[METER]	[FEET]
MD	T.W MAIN DOOR TO DETAIL	1.00MX2.13M	3'3"X7'0"
D	C.W DOOR TO DETAIL	0.91MX2.13M	3'0"X7'0"
D1	C.W DOOR TO DETAIL	0.76MX2.13M	2'6"X7'0"
W1	C.W GLAZED WINDOW TO DETAIL	1.22MX1.22M	4'0"X4'0"
KW	C.W GLAZED WINDOW TO DETAIL	1.22MX1.00M	4'0"X3'0"
V	C.W GLAZED VENTILATOR TO DETAIL	0.61MX0.61M	2'0"X2'0"

SPECIFICATION

Foundation	Column Footing
Flooring	Vitrified Tile Flooring
Super Structure	B.W with C.M 1:5
R.C.C Work	Lintel, Beam, Roof, Sunshade, Staircase With Required Thickness and M20 Grade Concrete
Weathering Coarse	Brick Jelly With Lime Concrete below
Joinery	Best Indian Country Wood
Finishes	Exterior and Interior Painted With Cement Paint

COLOUR INDEX

PROPOSED
ROAD
SITE

SCALE 1:100

S E W N

AREA STATEMENT

SL. NO.	DESCRIPTION (Build up Area)	FSI AREA (Sq.m)	NO. Of D.Units
1.	STILT FLOOR (Non FSI)	PARKING	-
2.	FIRST FLOOR	216.03	2
3.	SECOND FLOOR	216.03	2
4.	THIRD FLOOR	216.03	2
6.	TOTAL	648.09	6
7.	PLOT EXTENT AS PATTA = 340.00 Sq.m PLOT EXTENT AS DOCUMENT = 329.81 Sq.m	$F.S.I = \frac{648.09}{329.81} = 1.965$	

R. Saroja
OWNER (R.SAROJA)

G. SELVAKUMAR, M.Tech.(Structural),
Registered Engineer
Reg. No: RE / GR.III / 19 / 02 / 004
No.15, V.V. Colony 4th Street,
Adambakkam, Chennai - 600 088.
Ph: 2260 9999, Mob: 9500 123456

REGISTERED ENGINEER.