



PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PERUMBAKKAM NUKAMPALAYAM ROAD, PERUMBAKKAM, CHENNAI IN S. NO-231/3,231/4,231/5, 231/6, 231/7 & 234/1A2 OF PERUMBAKKAM VILLAGE, ST. THOMAS MOUNT PANCHAYAT UNION LIMIT, SHOLINGANALLUR TALUK, KANCHEEPURAM DISTRICT,

SPECIFICATIONS

1. R.C.C COLUMN FOOTING OR PILES IN FOUNDATION.
2. COLUMNS ARE CONNECTED BY PLINTH BEAMS.
3. MOSAIC FLOORING / SPARTAX FLOORING.
4. BRICK WORK IN BASEMENT AND SUPER STRUCTURE IN C.M 1:5.
5. WALLS ARE PLASTERED BY CEMENT PLASTER.
6. JOINERY WORK IN TEAK AND COUNTRY WOOD.
7. LINTEL OVER OPENING.
8. ROOF COVERED BY R.C.C SLAB.
9. ALL R.C.C WORK IN CEMENT CONCRETE M-25
10. WEATHERING COURSE LAID WITH PROPER SLOPE OVER R.C SLAB

JOINERY DETAIL

MD	Main Door	1.07 x 2.13
D1	Door	0.91 x 2.13
D2	Door	0.76 x 2.13
D3	Head Room Door	0.91 x 1.98
W1	Window	1.83 x 1.52
W2	Window	1.22 x 1.52
W3	Window	0.91 x 1.52
W4	Window	0.61 x 1.52
SD	Sliding Door	2.44 x 2.13
SD1	Sliding Door	1.83 x 2.13
KW	Kitchen Window	1.22 x 1.20
KW1	Kitchen Window	0.91 x 1.20
KW2	Kitchen Window	0.61 x 1.20
V1	Ventiliator	0.61 x 0.61
SW	Staircase Window	1.83 x 1.50

SCALE : 1:100

ALL DIMENSION ARE IN METRE

COLOUR INDEX :-

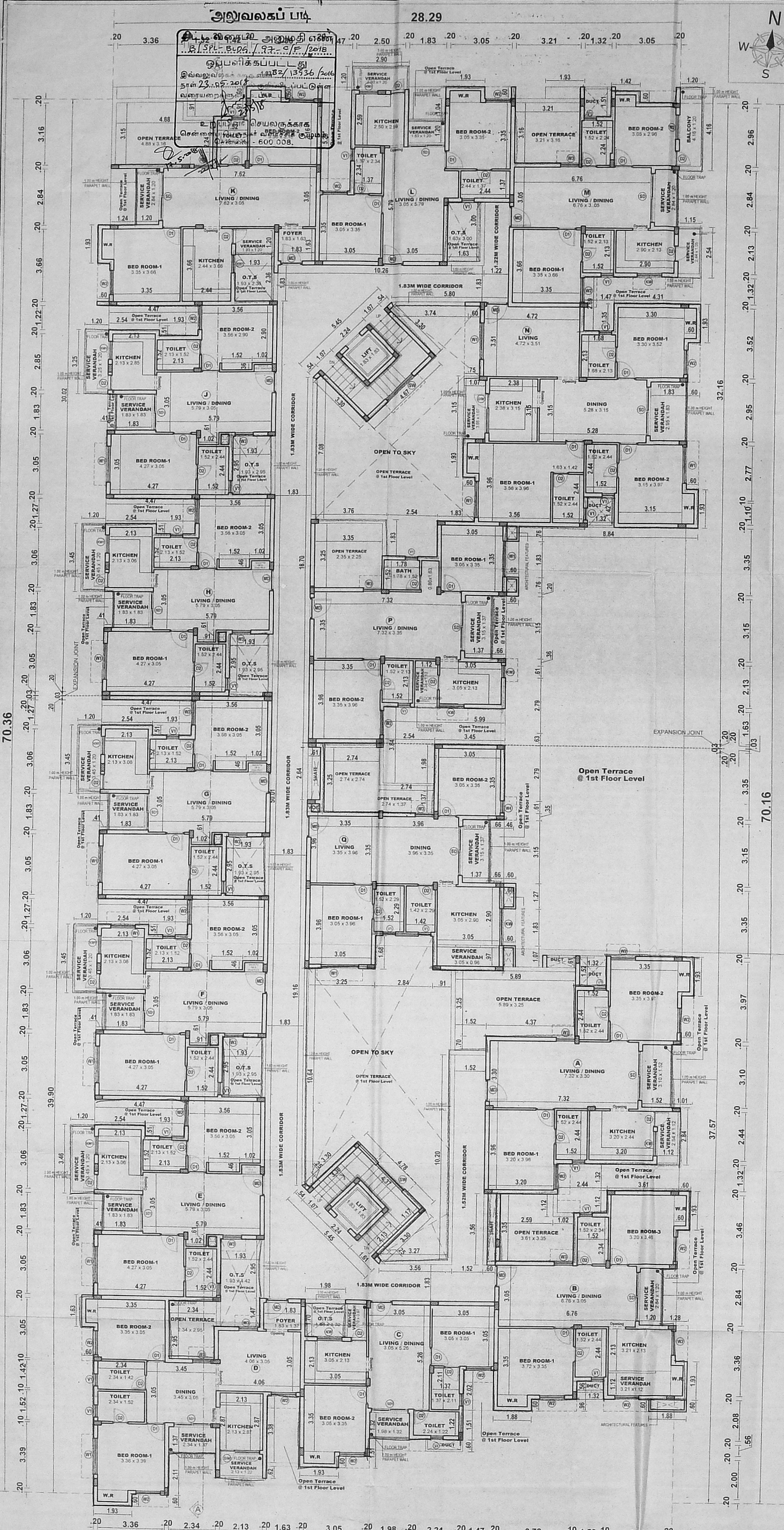
PROPOSED	=	[Pattern]
BOUNDARY	=	[Pattern]
ROAD	=	[Pattern]

GPA / OWNER SIGNATURE :-

LICENSED SURVEYOR :-

REENA NISHANTHI LYDIA P B.ARCH
 COUNCIL OF ARCH REG. No. CA/2009/46301
 CORPORATION OF CHENNAI
 REGD. ARCH. No. 549 / 2009
 Door No. 3114 I Floor Connotoph Road I Street
 Alwarpet Chennai - 600 019.

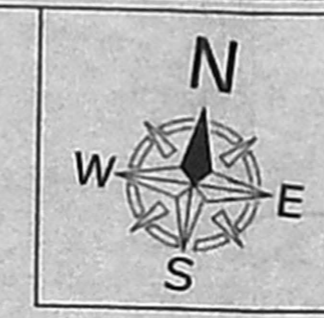
FOURTH FLOOR PLAN (PART)



70.36

70.16

திருச்சிபு வார்டு 5
 16-5-2018



PLAN SHOWING THE PROPOSED
 CONSTRUCTION OF RESIDENTIAL
 BUILDING AT PERUMBAKKAM -
 NUKAMPALAYAM ROAD,
 PERUMBAKKAM, CHENNAI,
 IN S. NO-231/3,231/4,231/5,
 231/6, 231/7 & 234/1A2,
 OF PERUMBAKKAM VILLAGE,
 ST. THOMAS MOUNT
 PANCHAYAT UNION LIMIT,
 SHOLINGANALLUR TALUK,
 KANCHEEPURAM DISTRICT,

சென்னை 600 008
 22.12.2016
 உதவியாளர்
 சாரதாய்வு
 16-5-2018
 17/15

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SCALE : 1:100

ALL DIMENSION ARE IN METRE

COLOUR INDEX :-

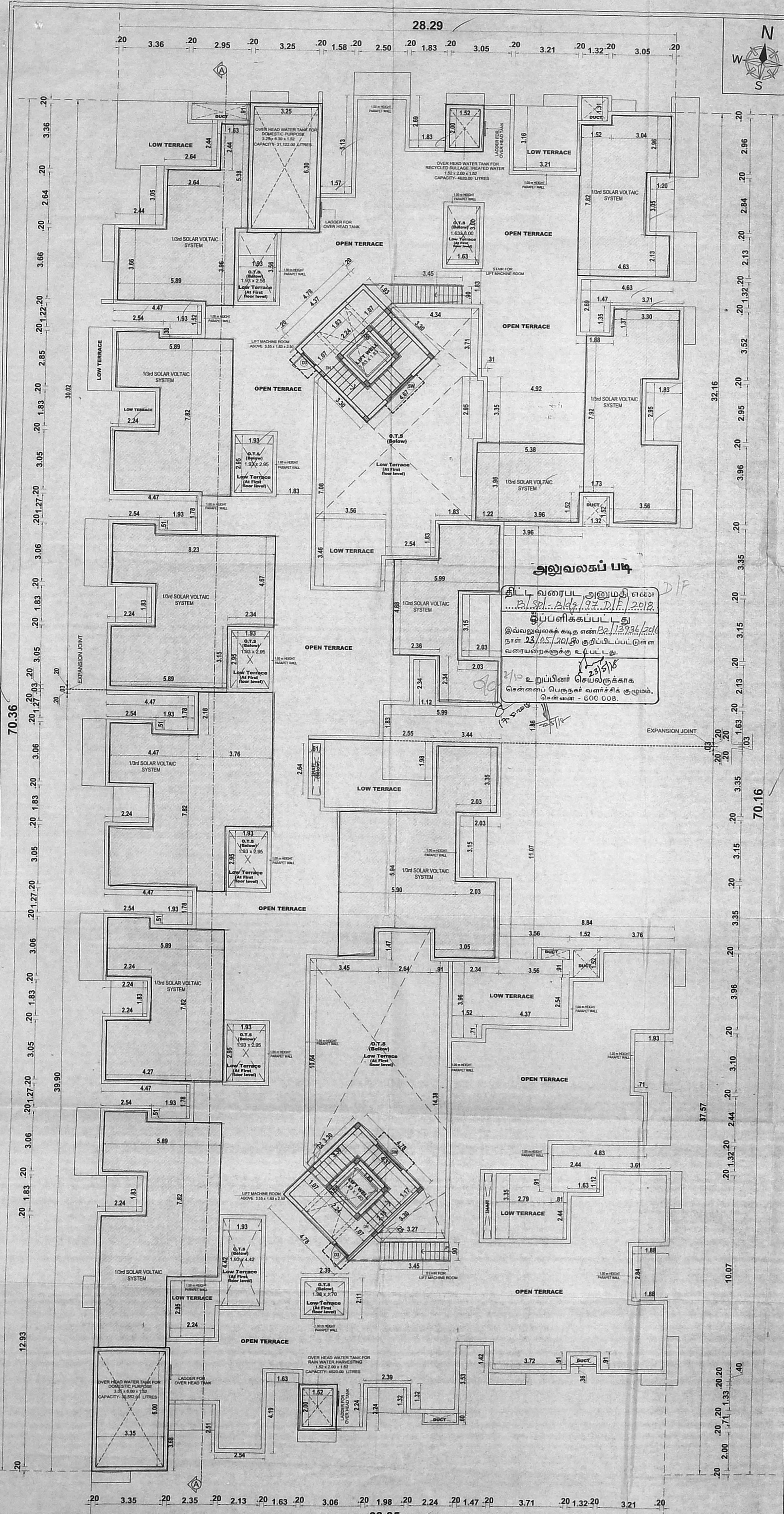
PROPOSED	=	
BOUNDARY	=	
ROAD	=	

GPA / OWNER SIGNATURE :-

B. V. S. S. S. S.

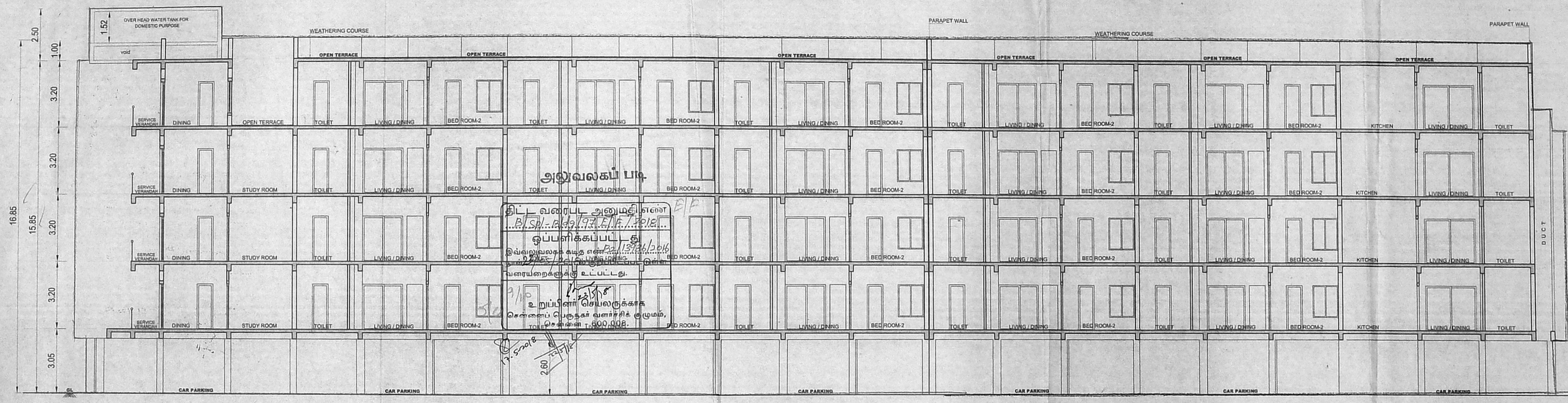
REENA NISHANATHI LYDIA P B ARCH
 COUNCIL OF ARCH REG. No. GA200946301
 CORPORATION OF CHENNAI
 REGD ARCH No. 649 / 2009
 Door No. 31114 II Floor Censtaph Road I Street
 Alwarpet Chennai - 600 016.

LICENSED SURVEYOR :-



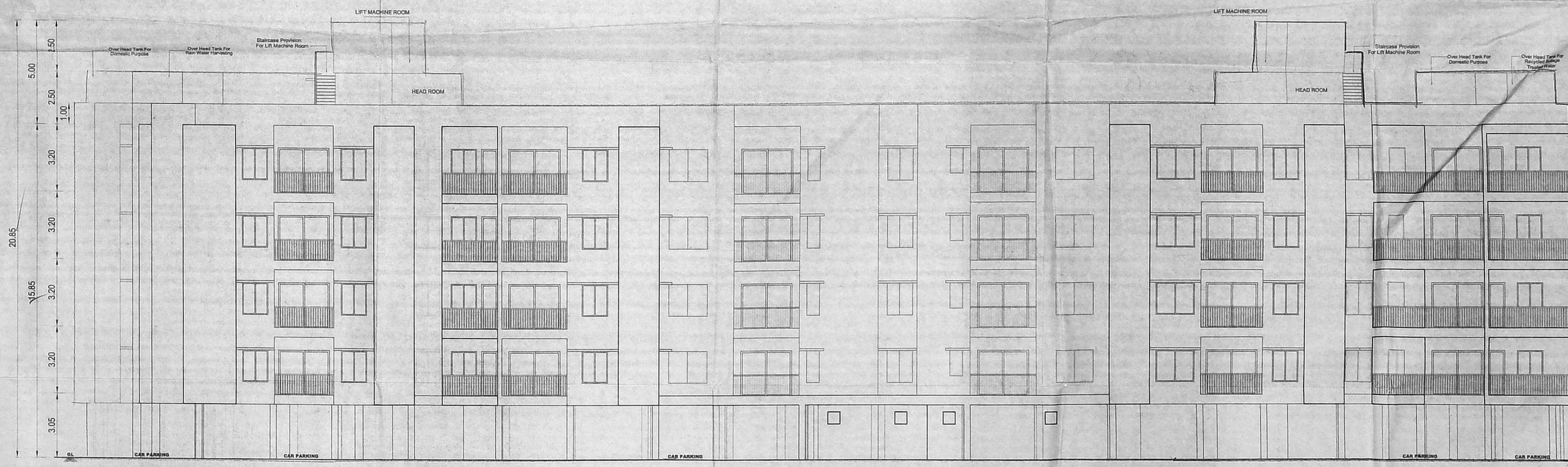
TERRACE FLOOR PLAN

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PERUMBAKKAM - NUKAMPALAYAM ROAD, PERUMBAKKAM, CHENNAI, IN S. NO-231/3, 231/4, 231/5, 231/6, 231/7 & 234/1A2, OF PERUMBAKKAM VILLAGE, ST. THOMAS MOUNT PANCHAYAT UNION LIMIT, SHOLINGANALLUR TALUK, KANCHÉEPURAM DISTRICT,

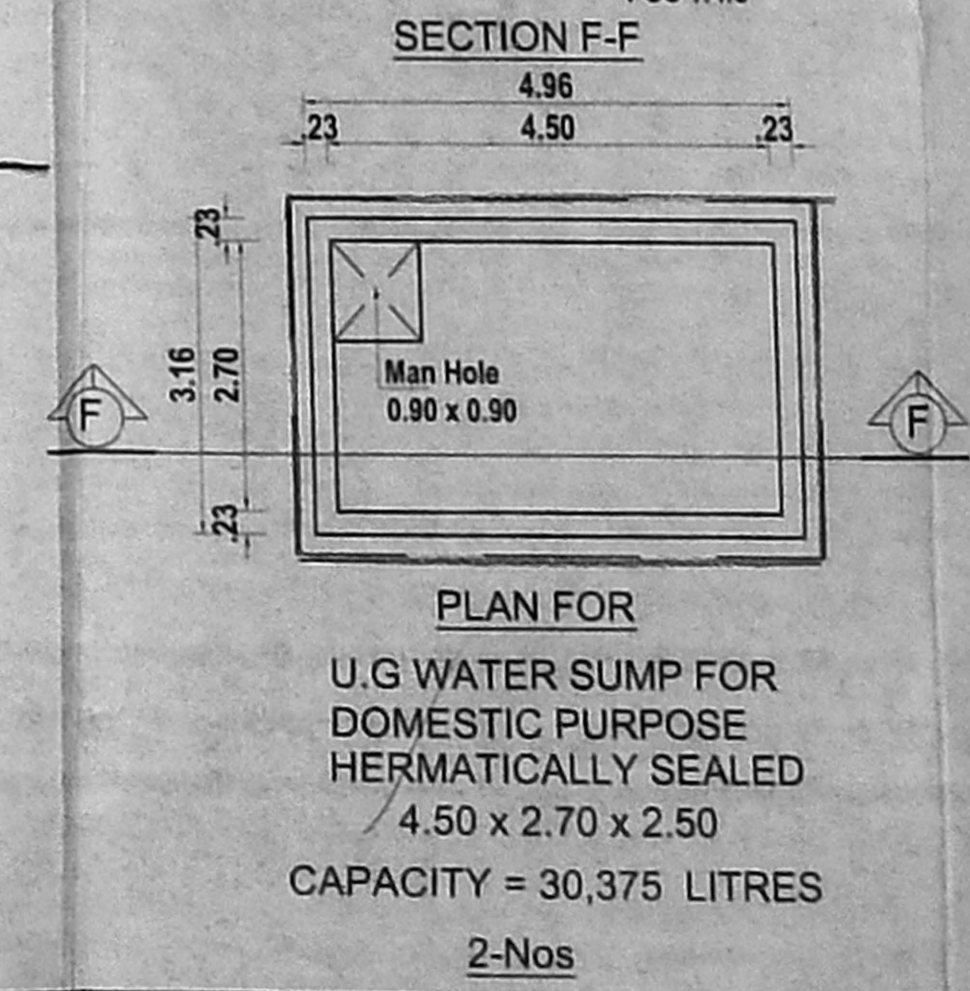
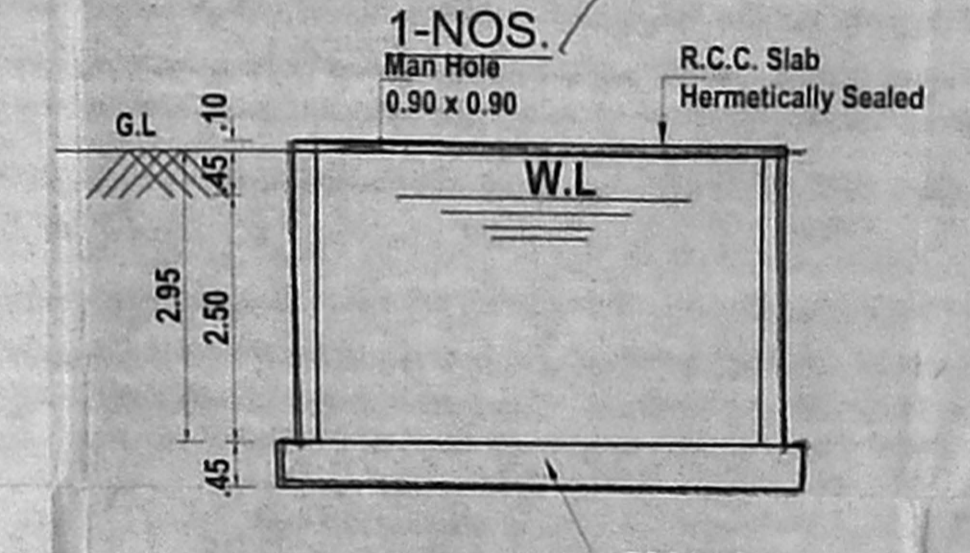
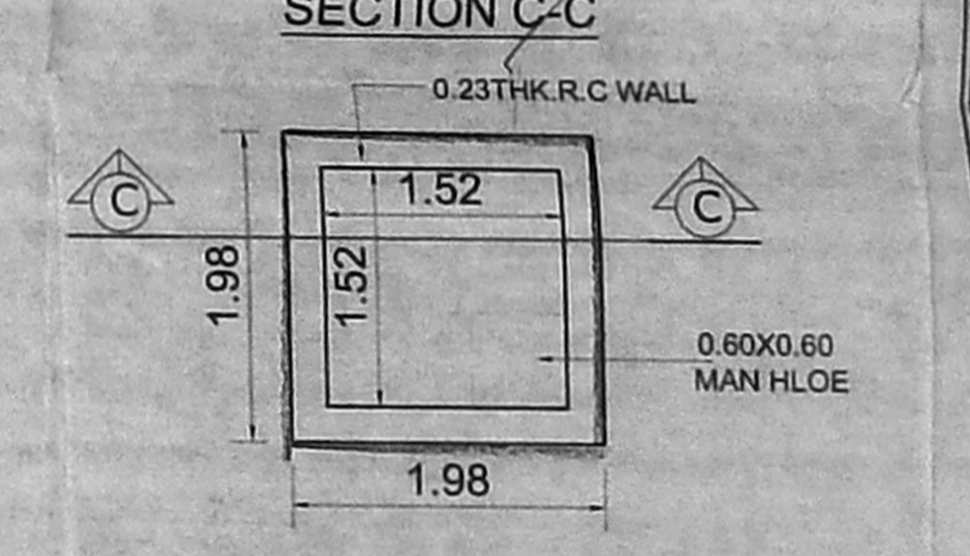
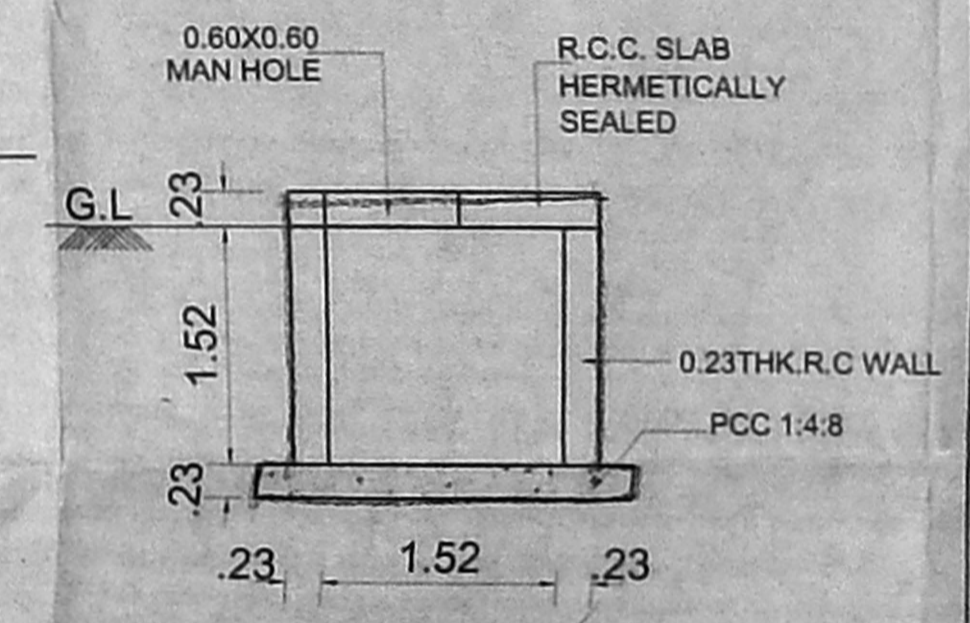
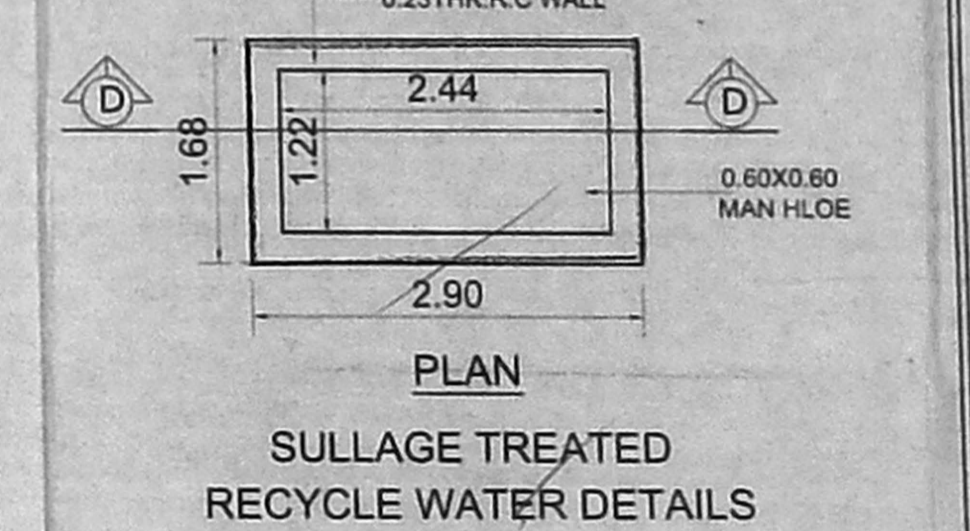
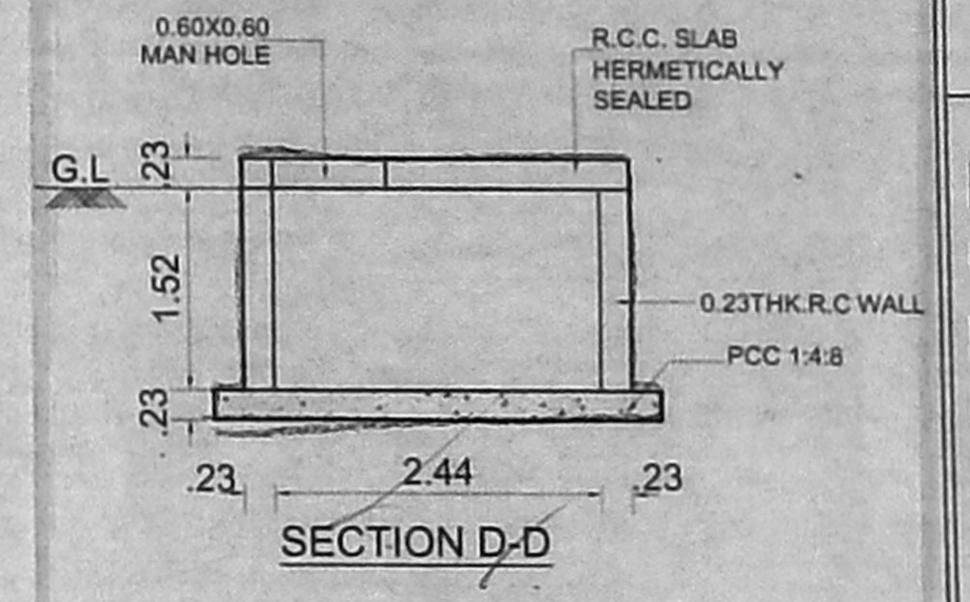


அலுவலகப் பிளா
 திட்ட வரைபட அனுமதி எண்
 ...
 உறுப்பினர் செல்லுபடியாக
 சென்னை பெருநகர் வளர்ச்சித் துறைமன்றம்
 திட்ட எண் T. 500/2016

SECTION ON 'A-A'



EAST SIDE ELEVATION



- SPECIFICATIONS
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SCALE : 1:100
 ALL DIMENSION ARE IN METRE

COLOUR INDEX :-

PROPOSED	=	[Shaded Box]
BOUNDARY	=	[Dashed Line]
ROAD	=	[Thick Solid Line]

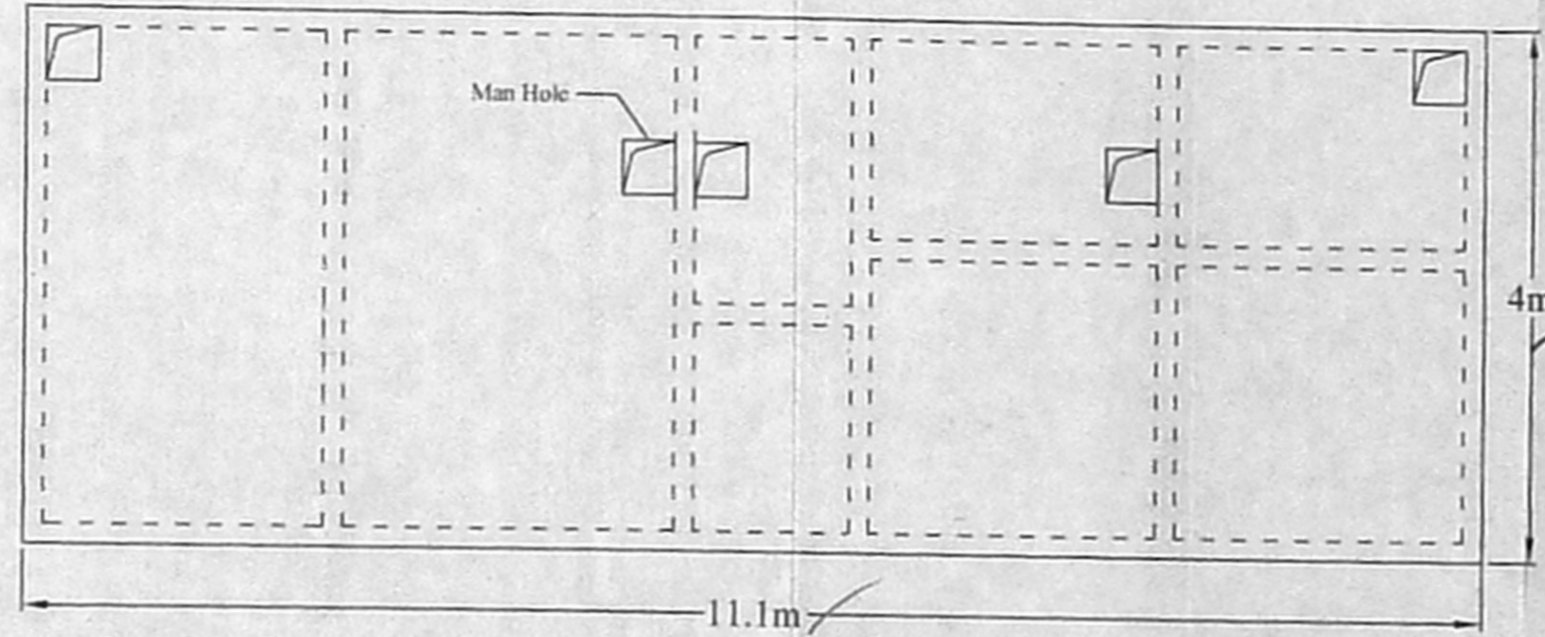
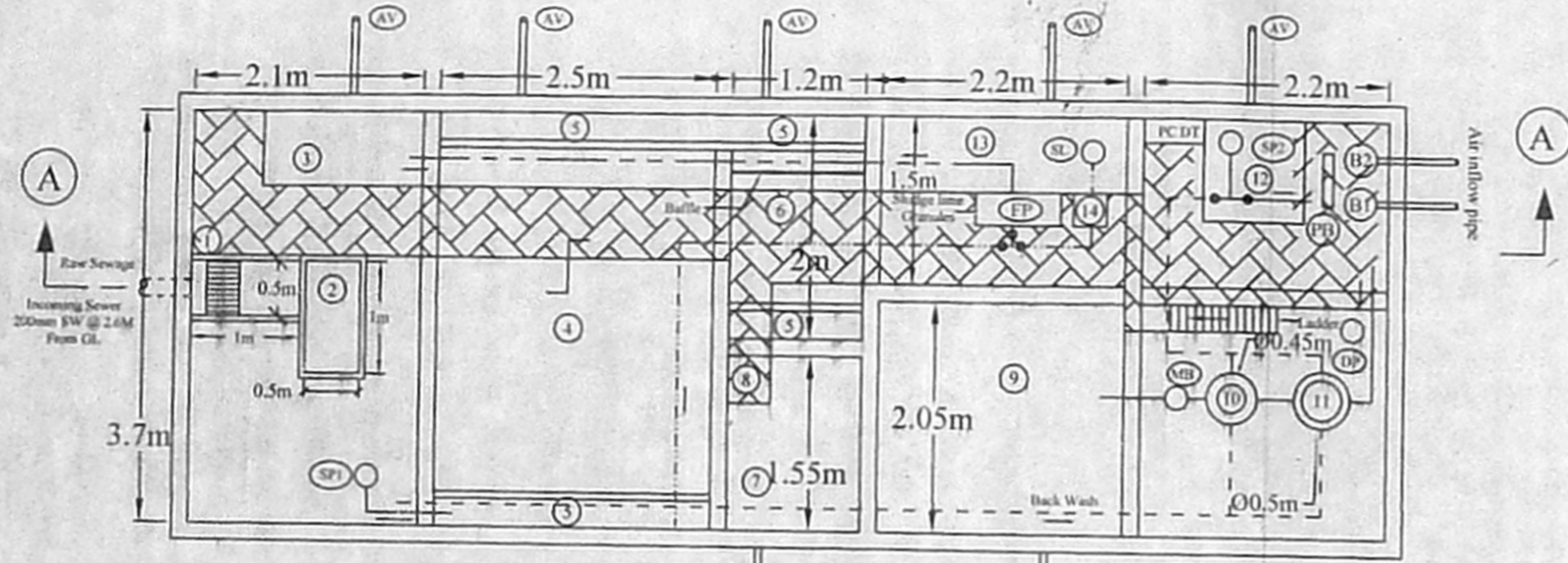
GPA / OWNER SIGNATURE :-

REENA NISHANTHI LYDIA P ARCH
 COUNCIL OF ARCH. REG. NO. CA220946201
 CORPORATION OF CHENNAI
 REGD. ARCH. No. 549 / 2009
 Door No. 311/4 II Floor Cenotaph Road I Street
 Alwarpet Chennai - 600 016.
 LICENSED SURVEYOR :-

SEWAGE TREATMENT PLANT OF CAPACITY 0.04 MLD

PREMIUM FSI
61 x 42.5

அலுவலகப் படி
SHEET NO-6/6
16.5.2018

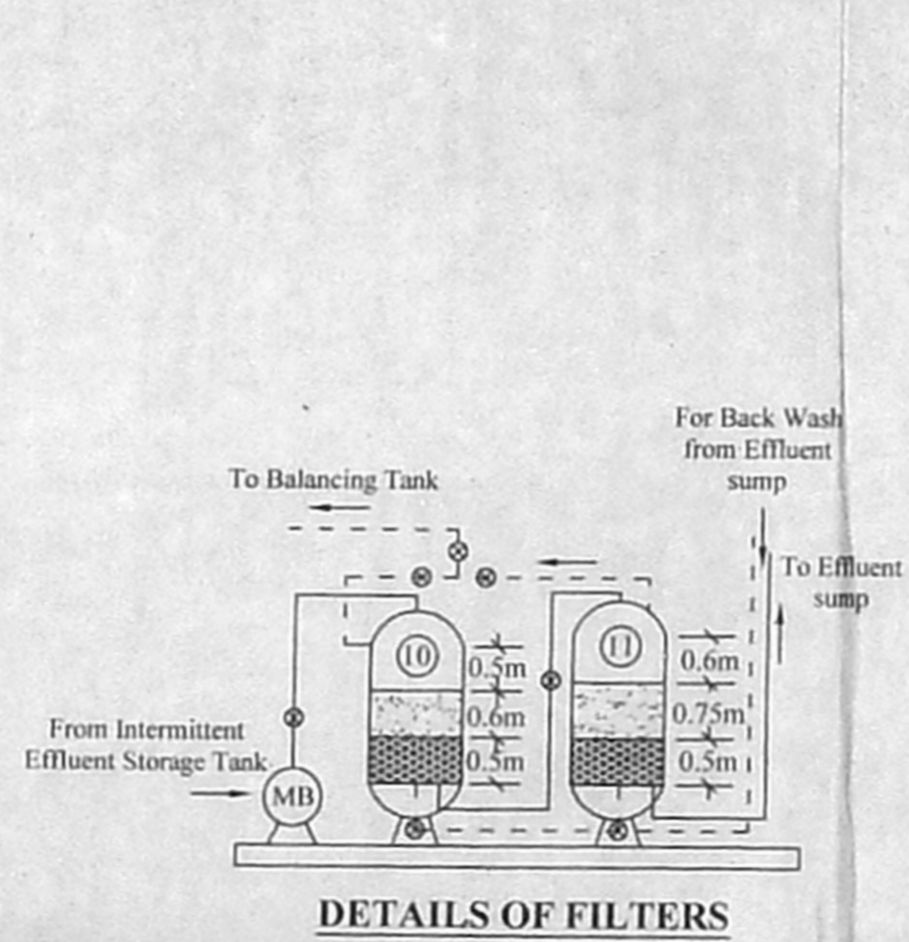
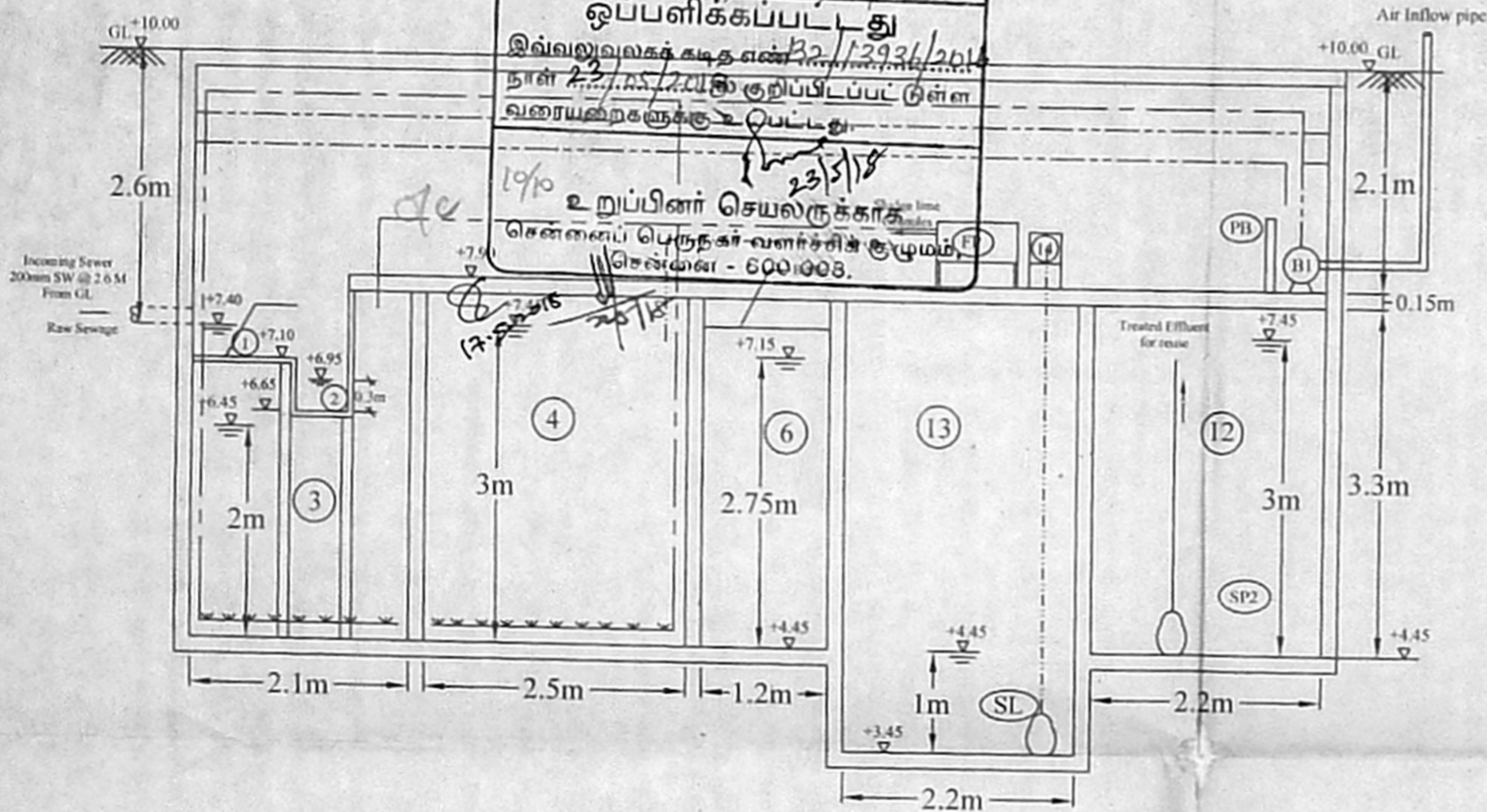


அலுவலகப் படி
PLAN

PLAN @ G.L.

- LEGEND:
- 1. SCREEN CHAMBER
 - 2. GIRT CHANNEL
 - 3. BALANCING TANK
 - 4. AERATION TANK
 - 5. EFFLUENT LAUNDER
 - 6. SUMP
 - 7. CONTACT TANK
 - 8. CHLORINE DOSING TANK
 - 9. INTERMITTENT EFFLUENT STORAGE TANK
 - 10. PRESSURE SAND FILTER
 - 11. ACTIVATED CARBON FILTER
 - 12. EFFLUENT SUMP
 - 13. SLUDGE COLLECTION TANK
 - 14. POLYELECTROLYTE DOSING TANK
- AV AIR VENT
PB PANEL BOARD
FP BELT FILTER PRESS WITH POST LIME MODULE
PC DT - POST CHLORINATION DOSING TANK
SP1 SUBMERSIBLE PUMP - 1.70 cu.m/hr @ 12 m
SP2 SUBMERSIBLE PUMP - 1.70 cu.m/hr @ 12 m
SL SLUDGE PUMP - 10cu.m.hr @ 10m
MB MONOBLOCK PUMP
DP DRAIN PUMP
B1,B2 AIR BLOWERS FOR DIFFUSED
- G.L. & H.L. ARE IN METRES
- RAW SEWAGE LINE (100mm dia)
 - EFFLUENT LINE (100mm dia)
 - SLUDGE LINE (150mm dia)
 - AIR LINE (40mm dia)
 - DUCT PROVIDED FOR AIR CIRCULATION IN BASEMENT
 - AERATION AND AIR CIRCULATION

திட்ட வரைபட அனுமதி எண்
...D.S.P.-Bkk-197.F.F./2018
இவ்வலுவலகப் படி திட்டம் 22/12/2014
நாள் 2.27.2018 முதல் குறிப்பிடப்பட்ட
வரையறைகளுக்கு உட்பட்டது.
உறுப்பினர் செயலருக்காக
சென்னைப் பெருநகர்-வளர்ச்சி ஆயுதம்
சென்னை - 600 008.



INFLUENT AND EFFLUENT CHARACTERISTICS:

PARAMETER	INFLUENT	EFFLUENT
pH	6.5 - 8.0	6.5 - 8.0
S.S	450 mg/l	< 30 mg/l
BOD ₃	350 mg/l	< 20 mg/l

PROPOSED SEWAGE TREATMENT PLANT OF 0.04 MLD CAPACITY FOR PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PERUMBAKKAM - NUKAMPALAYAM ROAD, PERUMBAKKAM, CHENNAI., IN S. NO-231/3,231/4,231/5, 231/6, 231/7 & 234/1A2, OF PERUMBAKKAM VILLAGE, ST. THOMAS MOUNT PANCHAYAT UNION LIMIT, SHOLINGANALLUR TALUK, KANCHEEPURAM DISTRICT.

PROPOSED LOCATION AND ACCESS TO STP:

The treatment units are proposed to be constructed below GL with access from Manhole opening provided at ground level. The panel board and air blowers are to be placed on the platform of STP. The air inflow pipe to blowers and air vent pipe to be laid below drive way and fixed in the compound wall for air circulations.

DESIGN DATA:

- No of Flats - 60
- Proposed Occupants - 300 nos
- Rate of water supply - 135 lpcd
- Water Consumption - 40500 L/D
- Sewage generated - 32400 L/D
- Proposed capacity of STP - 0.04 MLD

REENA NISHATH LYDIA P B.A.RCH
COUNCIL OF ARCH. REG. No. CA/2009/46301
CORPORATION OF CHENNAI
REGD.ARCH. No. 549 / 2009
Door No. 31/14 II Floor Cenotaph Road I Street
Alwarpet Chennai - 600 018.

SIGNATURE OF APPLICANT:

VILVA CONSULTANCY
A.SANTHOSHKUMAR, B.Tech
(Chem.Eng), M.E.(Env.Mgt), PGDIS
Environmental Engineer,
Register No. 2011282014

SIGNATURE OF APPROVED CONSULTANT: