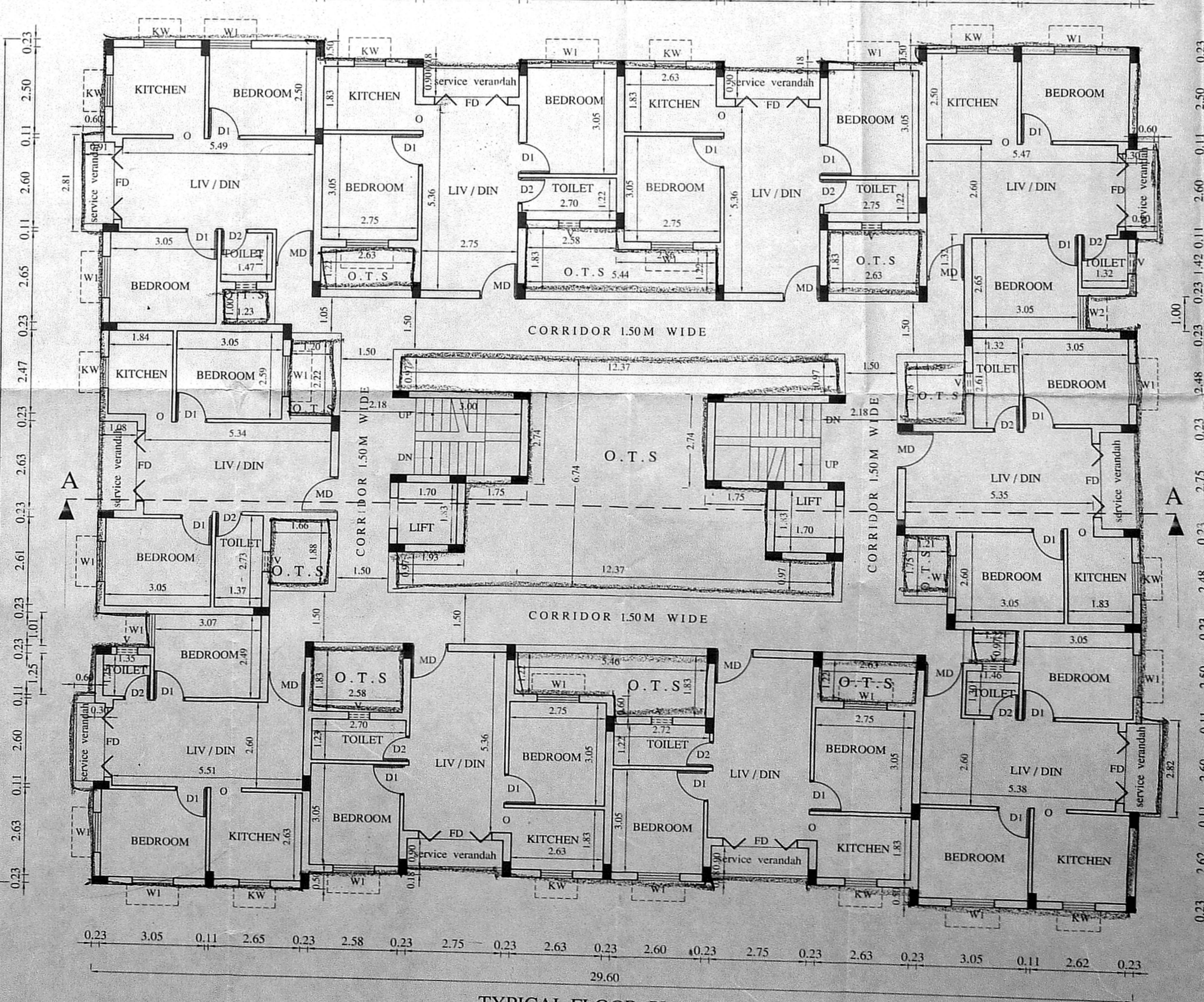
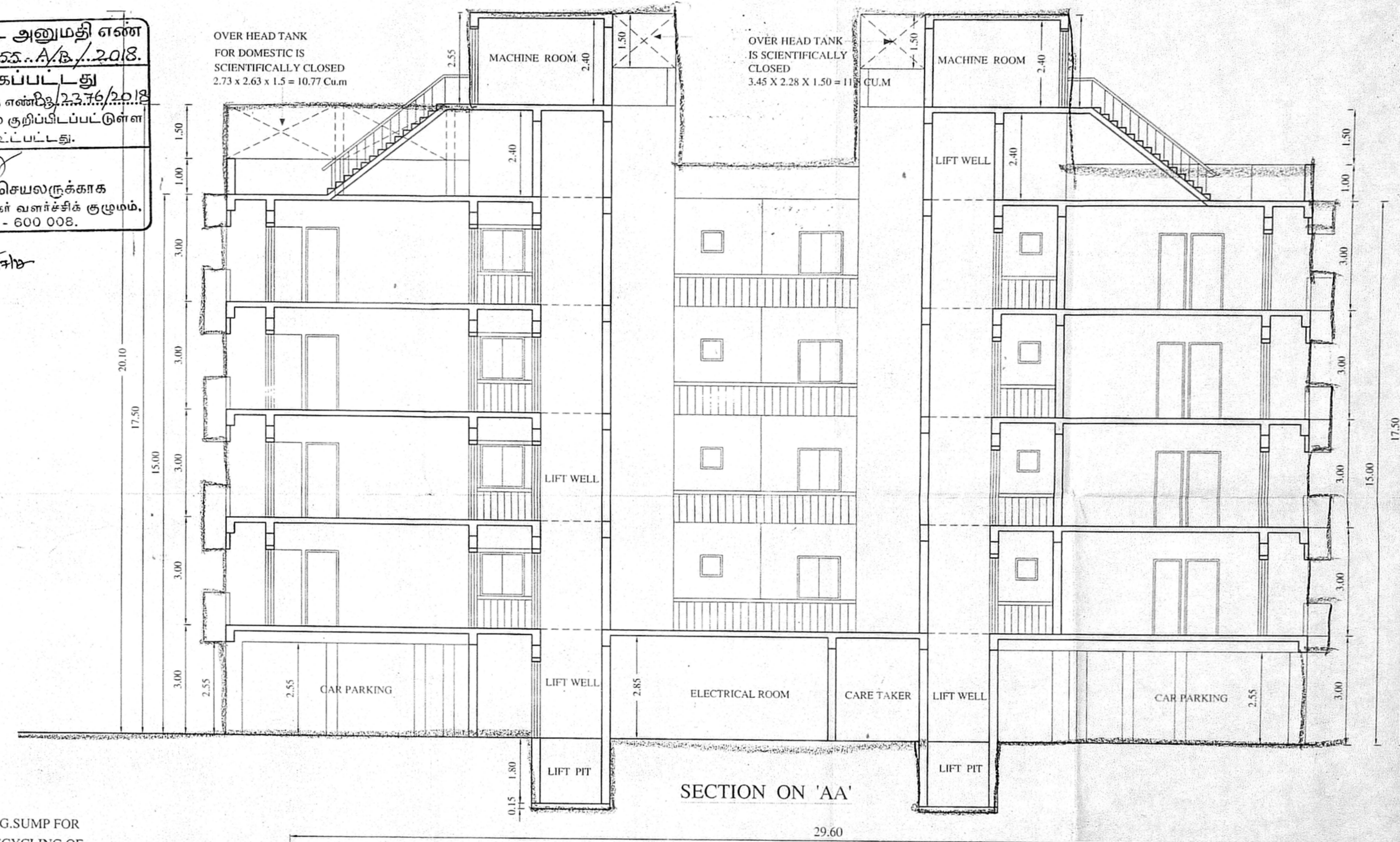
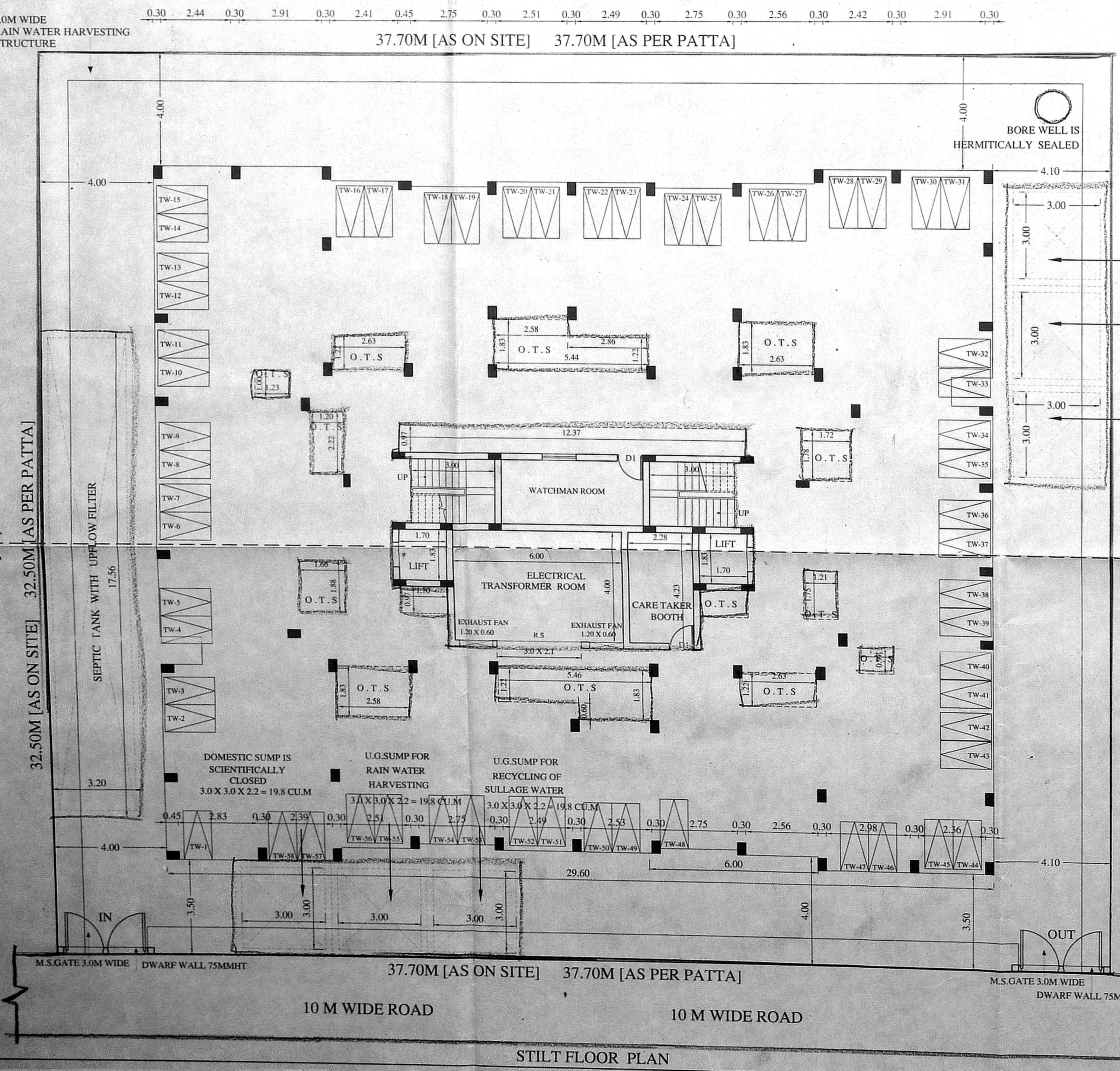


திட்ட வரைபட அனுமதி எண்
 B/Spl/Block/155-A/16/2018
 ஒப்புளிக்கப்பட்டது
 இவ்வலுவலகக் கருத்து எண் 23/36/2018
 நாள் 23.06.2018 இல் குறிப்பிடப்பட்டுள்ள
 வரையறைகளுக்கு உட்பட்டது.
 உறுப்பினர் செயலாற்றக்காக
 சென்னை பெருதள்ள வளர்ச்சி குழுமம்,
 சென்னை - 600 008.

SEPTIC TANK CALCULATION:

NO OF DWELLINGS:	40 NOS	UPFLOW FILTER:	
NO OF USERS:	40 x 5 = 200 persons	DISCHARGE FOR 70 PERSONS	200 X 70 = 14,000 LTRS
RATE OF WATER SUPPLY	150 LPM / DAY	VOLUME: 200 X 0.25 = 50 CU.M	
FLOW OF SEWAGE /DAY	200 X 150 = 30,000 LTS	DEPTH: 1.1 - 0.3 = 0.8M	
DETENTION PERIOD	18 HOURS	PLAN AREA REQUIRED	50 / 0.8 = 62.50 Sq.m
TANK CAPACITY	30000 X 18 / 24 = 22500 LTS	SIZE OF THE FINAL SUMP	11.2 X 2.5 X 1.8 = 50.4 CU.M
CLEANED EVERY YEAR SO		UPFLOW FILTER-1 = 5.6 X 2.5 X 1.8	
STORAGE CAPACITY AT THE RATIO OF 18.0 LTS FOR		UPFLOW FILTER-2 = 5.6 X 2.5 X 1.8	
A PERSON PER YEAR			
30 X 18 = 540 LTS			
22500 + 540 = 23040 LTS			
WITH PROVISION FOR FUTURE EXPANSION LET			
THE TANK CAPACITY BE 23040 LTS			
PROVIDE SEPTIC TANK SIZE			
L X B X D = 5.2 X 2.5 X 1.8 = 23.40 CU.M			



செ. பெ. வ. கு. (பி) எண்
 of a LIG Housing / Residential Building
 ந. எண் 23/36/2018
 at P. P. D. No. 34/2016
 Approved L.O.
 No. 23/36/2018 in T.S. No. 7/10 (66 per
 பட்டி, in Block No. 18, Ward 6
 Old S. No. 7/6 [pt], 277 [pt], 278 [pt].
 of thiruvotriyur village
 Thiruvallur District
 Division No: 07 Zone - 01 in
 Greater Chennai Corporation

Approved Lay-out No VIDE
 P. P. D No: 34/2016
 L. O
 DATED: 09/12/2016

Colour Index:

PROPOSED AS	
ROAD AS	
BOUNDARY LINE AS	

Schedule of Joinery

MD	MAIN DOOR	1.05 X 2.10
D1	DOOR	0.90 X 2.10
D2	DOOR	0.75 X 2.10
FD	FRENCH DOOR	2.10 X 2.10
W1	WINDOW	1.20 X 1.35
KW	KITCHEN WINDOW	1.20 X 0.90
V	VENTILATOR	0.60 X 0.60

Area Statement Sq. m

LAND EXTENT	
AS PER PATTA	1240.0
AS ON SITE [SVP]	1225.24
LEAST EXTENT	1225.24

Floor name	FSI area	5% OF BALC
First Floor	593.03	24.51
Second Floor	593.03	24.51
Third Floor	593.03	24.51
Fourth Floor	593.03	24.51
Total Floor	2372.12	98.04

FSI = 2372.12 / 1225.24 = 1.947

TWO WHEELER REQUIRED - 44 NOS
 TWO WHEELER PROVIDED - 58 NOS

SPECIFICATION

R.C.C 1:2:4 in column foundation
 sand filling in foundation and basement
 P.C.C 1:4:8 in foundation and basement
 Brick work in C.M:1:6 for basement super
 structure and parapet wall
 R.C.C:2:4 in roof slab,lintel & Sunshade
 Weathering course in Brick jolly lime
 concrete mortar with 2Courses of
 pressed tiles laid to slope
 Mosaic flooring
 Plastering in C.M:1:5 for walls and ceiling
 doors in Teak wood and country wood
 Windows in aluminium and glazed frames

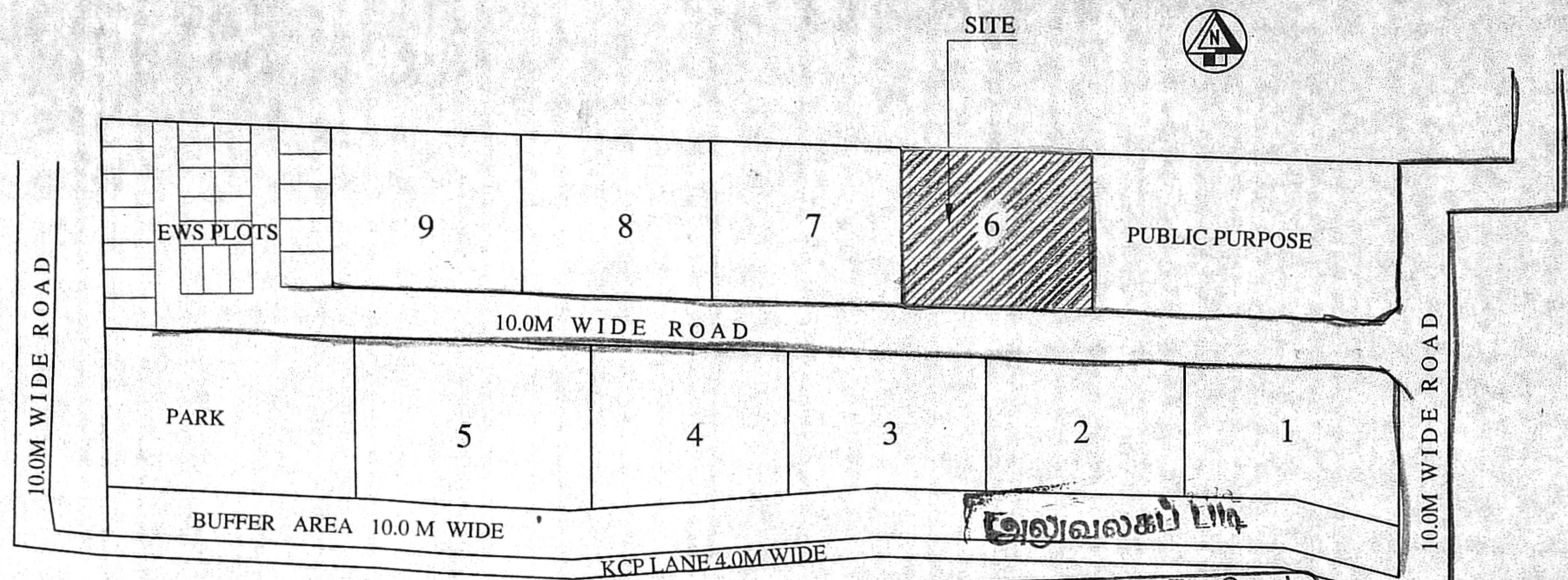
All dimensions are in meter

for HANSA ESTATES PRIVATE LIMITED
 M. Pradeep
 Registered Architect
 Regn. No. CA-9218172
 New 08/2, Kandanagar 2nd
 Street, Nungambakam,
 Chennai-54. Ph.28170707

Owner Signature

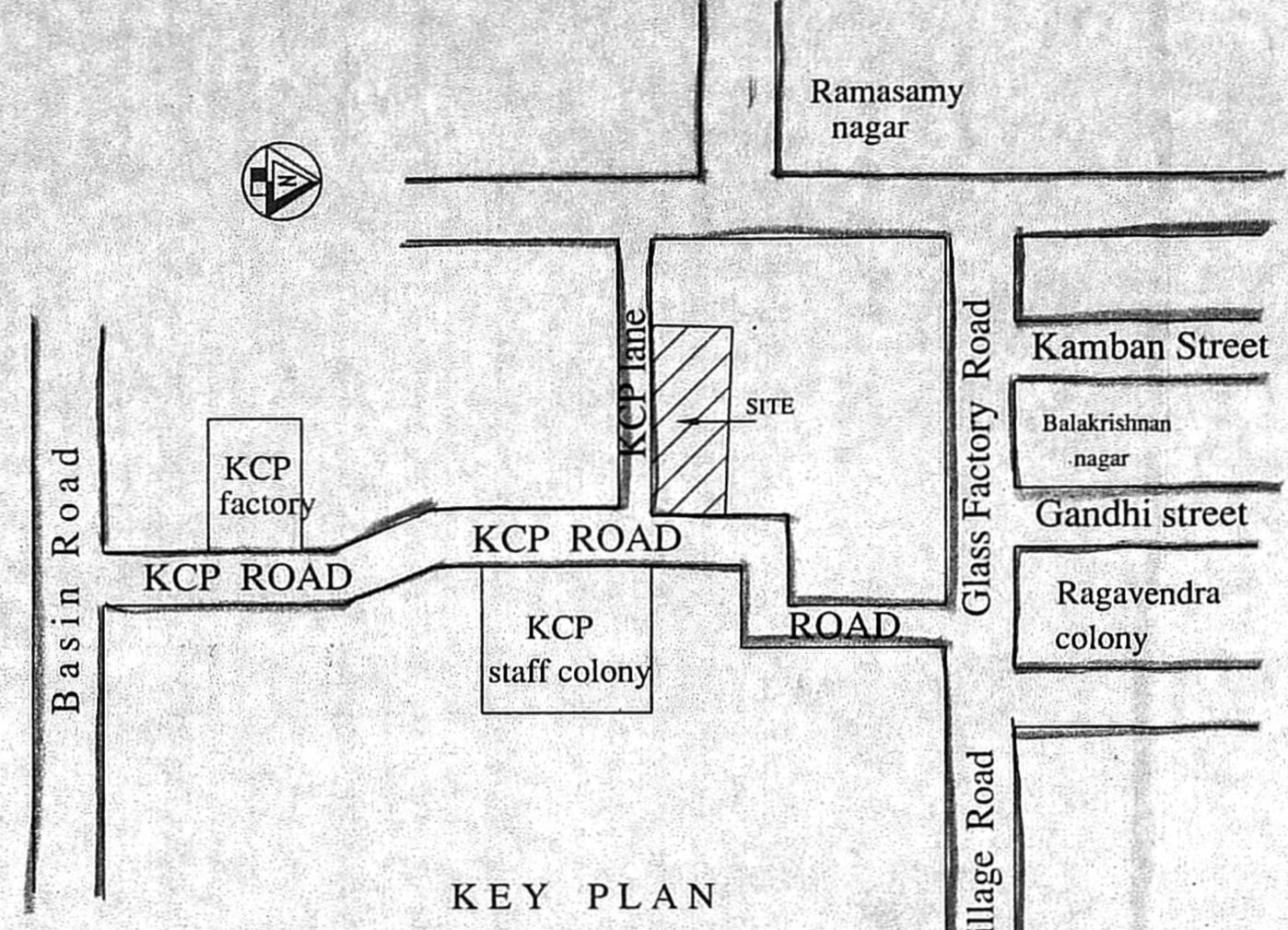
Architect / Licensed Surveyor

திருத்திய வரைபடம் 28.6.2018
 SHEET: 2 OF 2
அலுவலகப் படி
 Plan showing the proposed construction
 செ.பொ.பி. (கே.எம்) Residential Building
 ந. எண். 2376/2018
 உத்தியோகம்: 6, in CMDA Approved L/O
 க.ந.நா.பி. 2016 in T.S.No : 7/10 (as per
 தி.உ.பா.நா.பி. in Block No : 18, Ward - G
 தி.உ.பா.நா.பி. Old S.No : 276[pt], 277[pt], 278[pt]
 உ.தி.அ. கு.தி.அ.

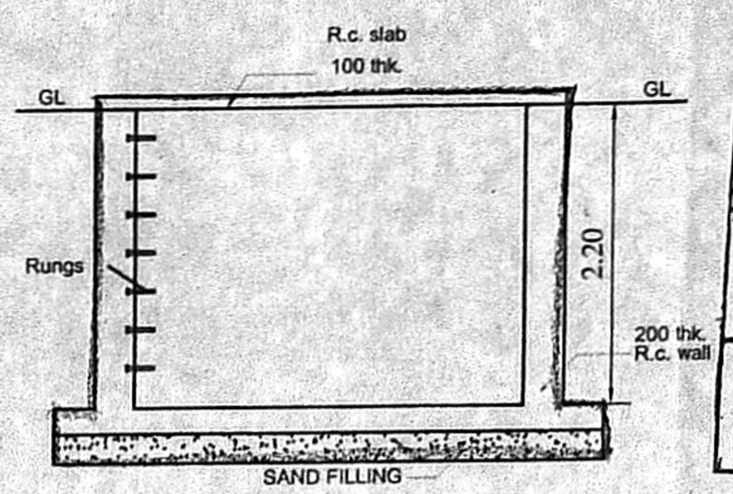


LAYOUT PLAN

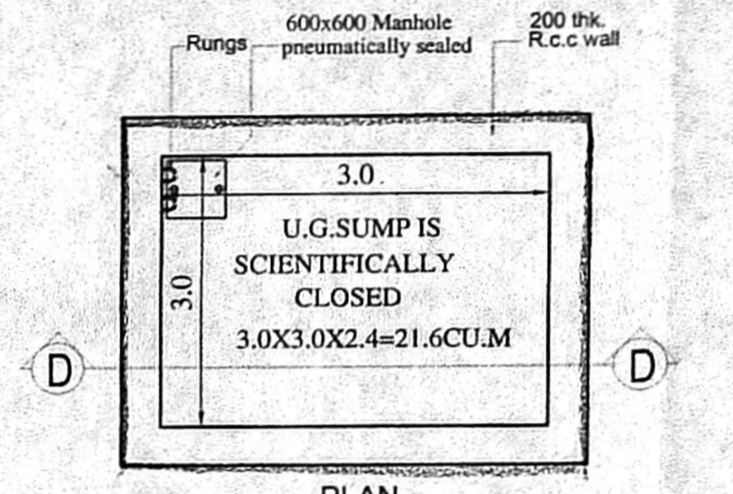
திட்ட வரைபட அனுமதி எண்
 B/Spl. No. 1155.../2018
 ஒப்பளிக்கப்பட்டது
 இவ்வலுவலகக் கட்டிடம் எண் B/Spl. No. 1155.../2018
 நாள் 19...2018 இல் குறிப்பிடப்பட்டுள்ள
 வரையறைகளுக்கு உட்பட்டது.
 உறுப்பினர் செயலாசிரமம்
 சென்னை பெருந்தேர் வளர்ச்சித் துறையம்,
 சென்னை - 600 002



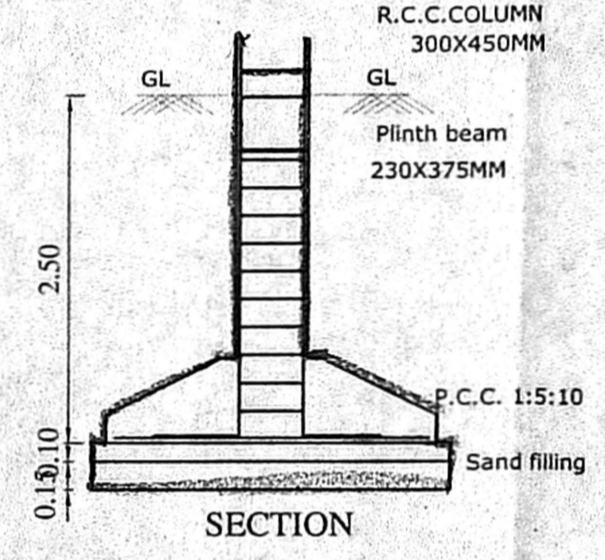
KEY PLAN



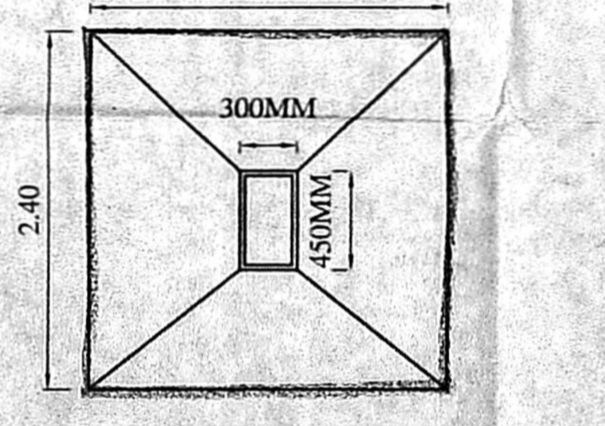
SECTION D



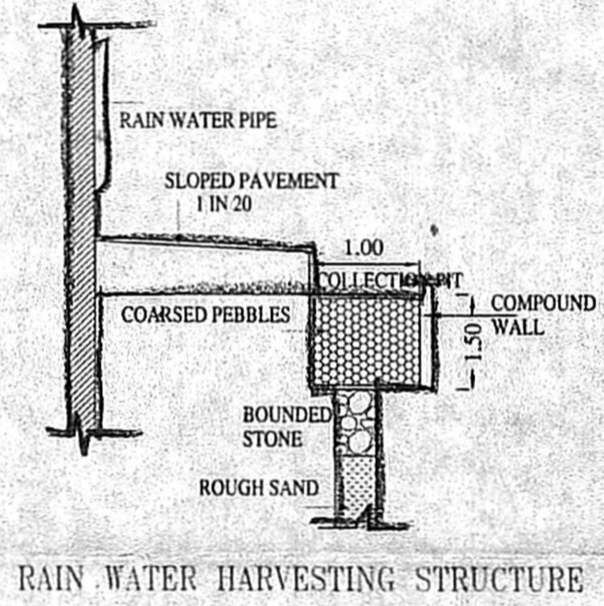
PLAN UNDER GROUND SUMP DETAIL (FOR RECYCLING OF SULLAGE WATER)



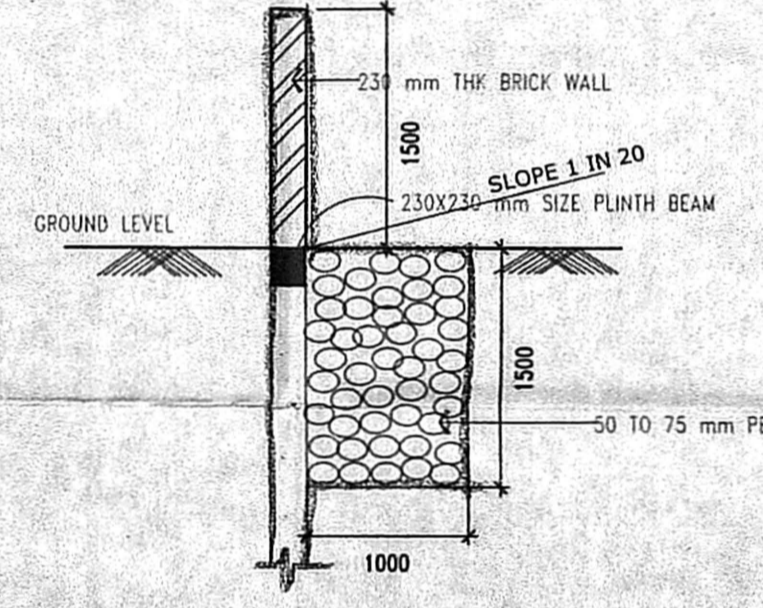
SECTION



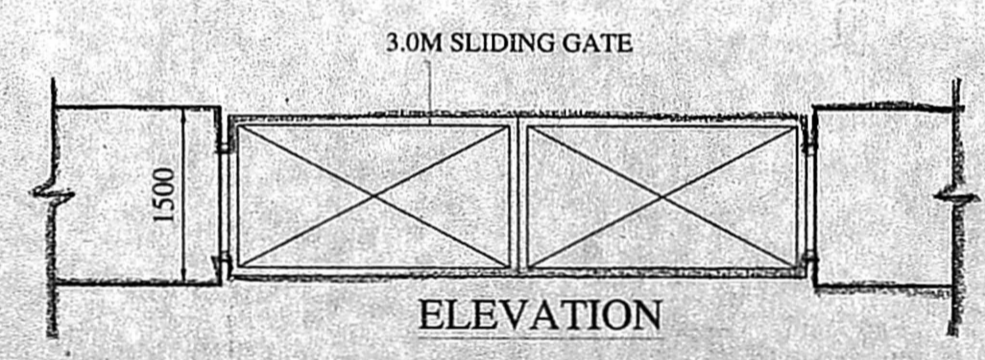
TYPICAL FOUNDATION DETAIL



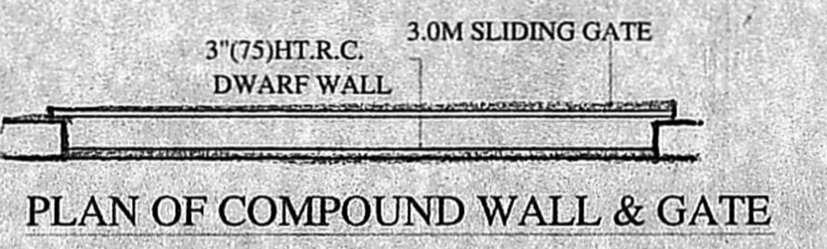
RAIN WATER HARVESTING STRUCTURE



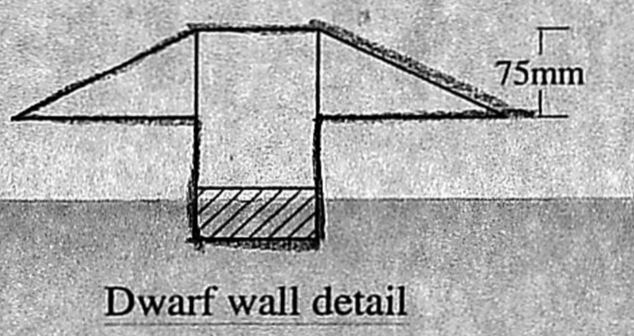
DETAILS OF COMPOUND WALL STORM/RAIN WATER STACKING



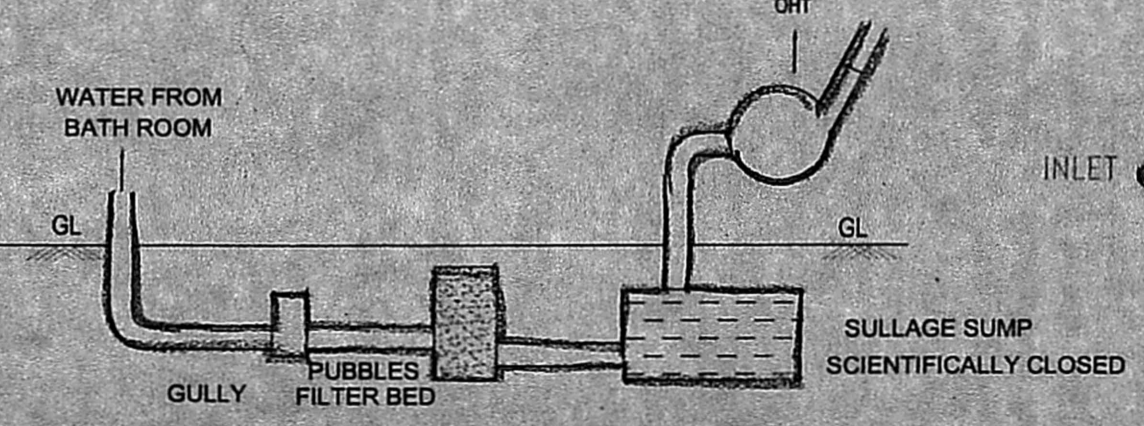
ELEVATION



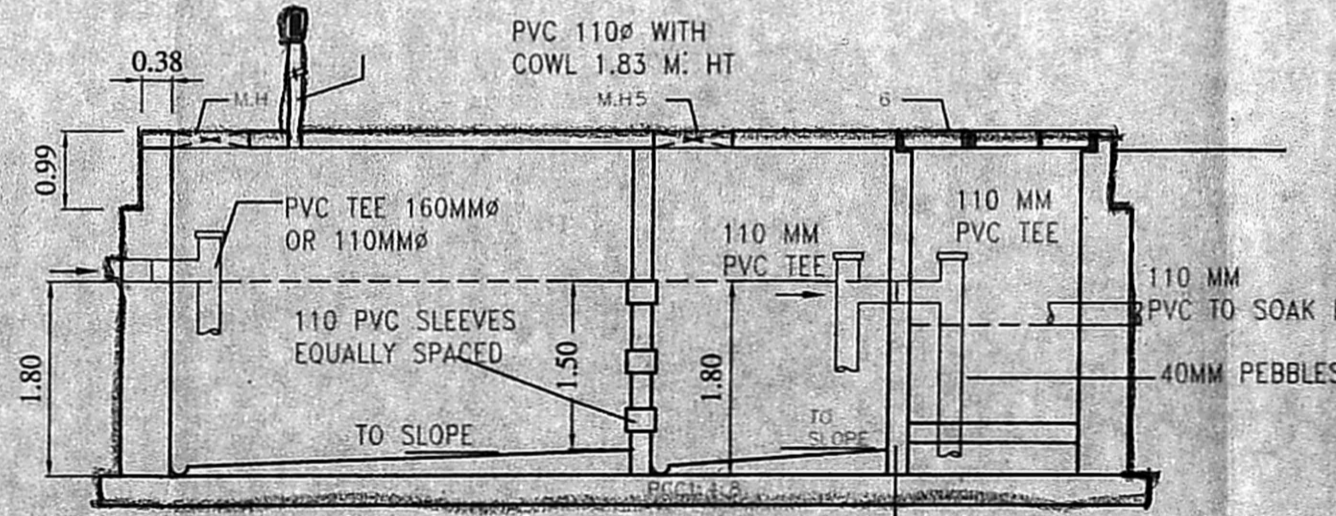
PLAN OF COMPOUND WALL & GATE



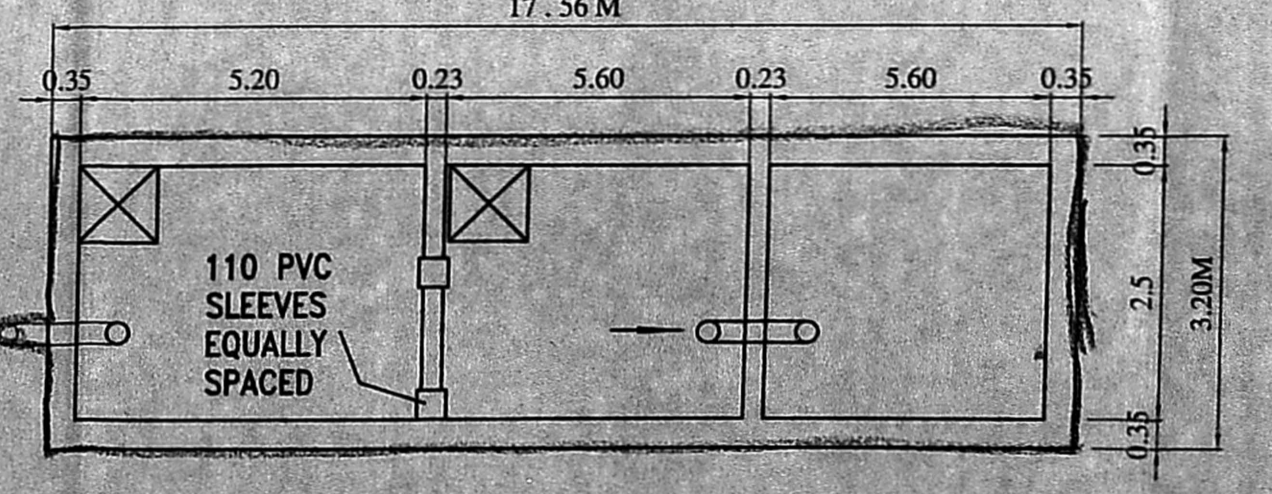
Dwarf wall detail



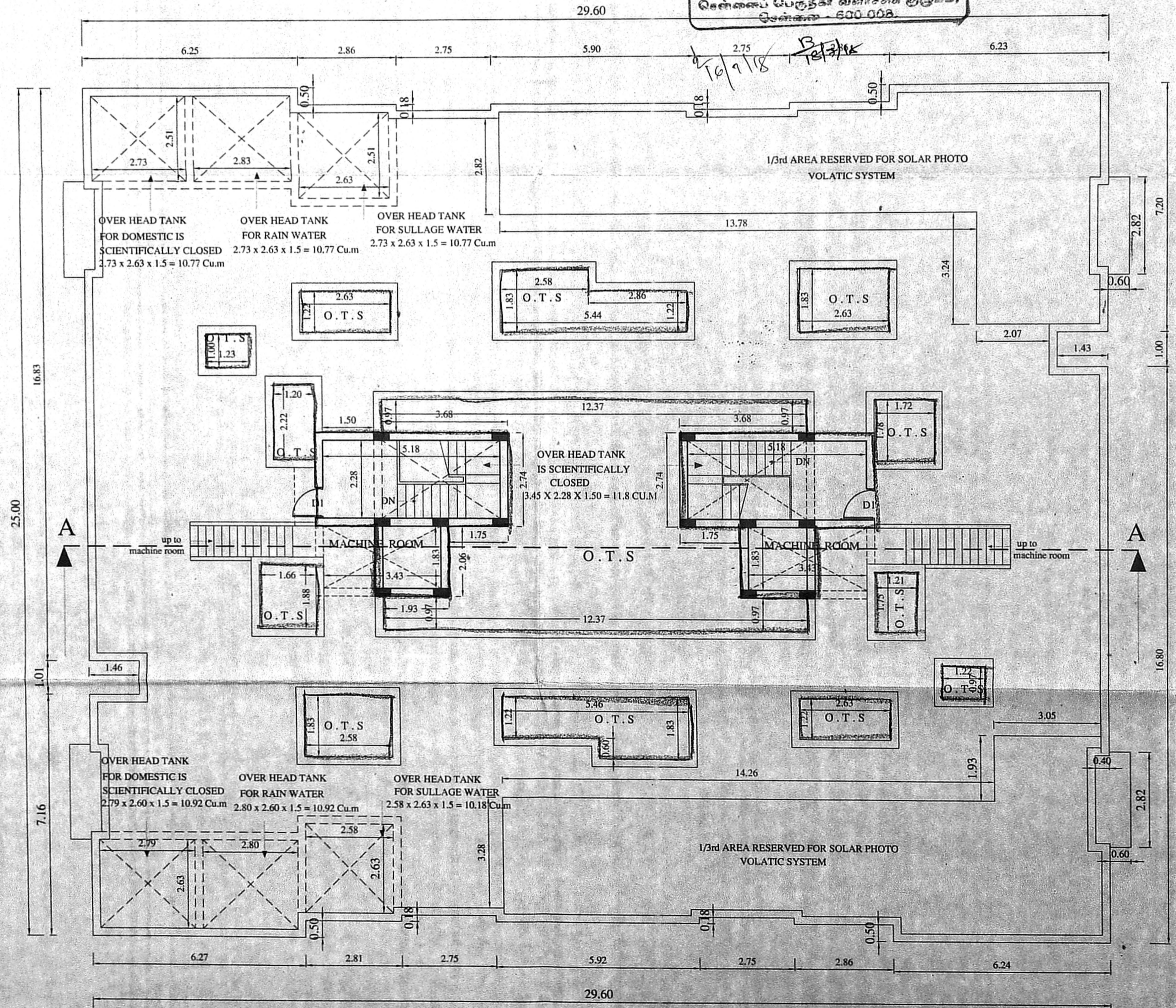
DETAIL OF SULLAGE WATER (FROM BATHROOM RECYCLING)



SECTION - AA'



SEPTIC TANK WITH UP FLOW FILTER - PLAN



TERRACE FLOOR PLAN

Approved Lay-out No VIDE
 P.P.D No: 34/2016
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Colour Index:
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SPECIFICATION
 R.C.C 1:2:4 in column foundation
 sand filling in foundation and basement
 P.C.C 1:4:8 in foundation and basement
 Brick work in CM:6 for basement, super-structure and parapet wall.
 R.C.C 1:2:4 in roof slab, lintel & Sunshade
 Weathering course in Brick jelly lime concrete mortar with 2 Courses of pressed tiles laid to slope
 Mosaic Flooring
 Plastering in CM:5 for walls and ceiling
 Doors in Teak wood and country wood
 Windows in aluminium and glazed frames

All dimensions are in meter

Owner Signature
M. PRADEEP
 Registered Architect
 Regn. No. CA-9215172
 New B.C. Nagar, Nungambakkam,
 Chennai-34 Ph.28170707

Architect / Licensed Surveyor