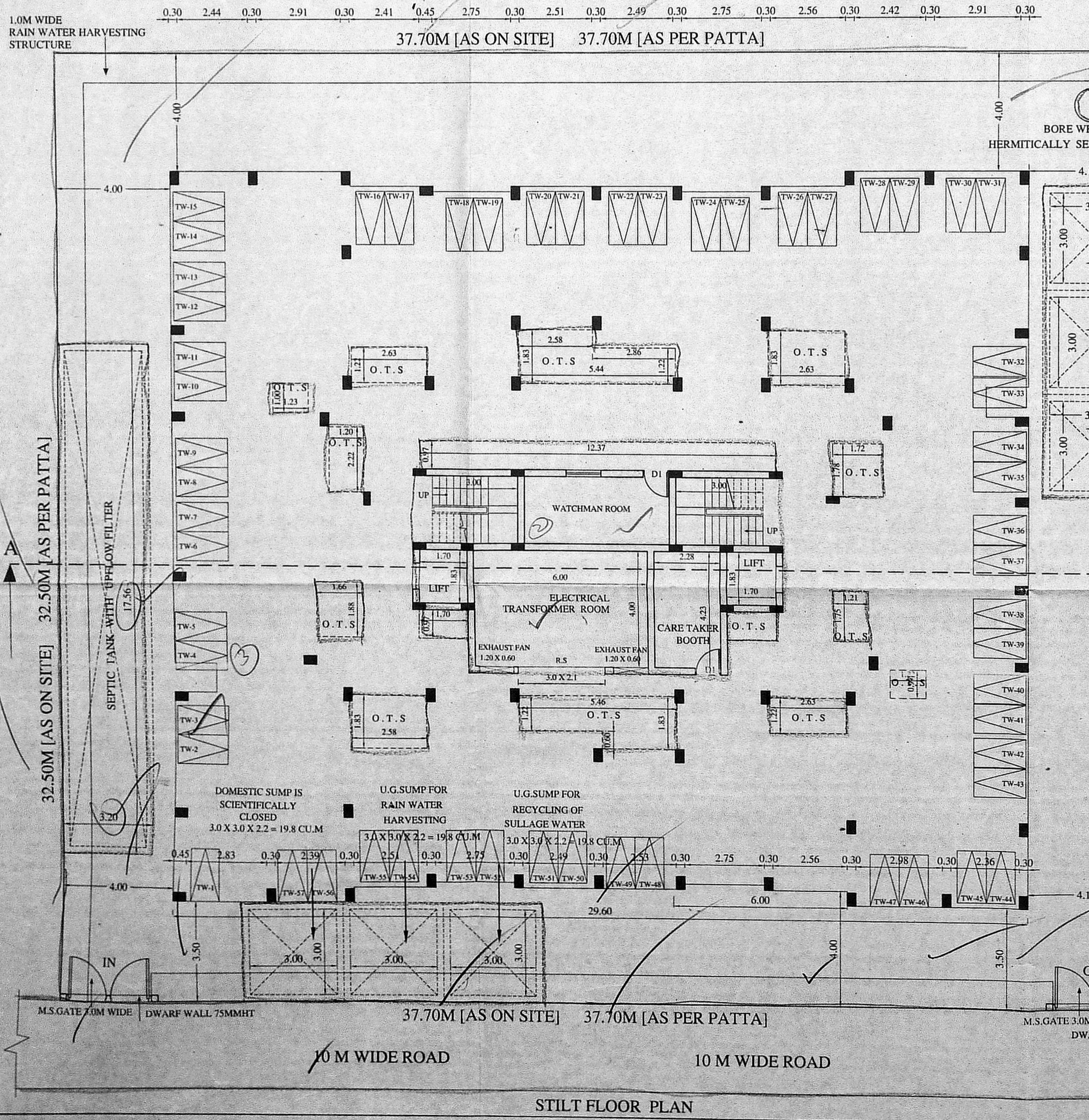
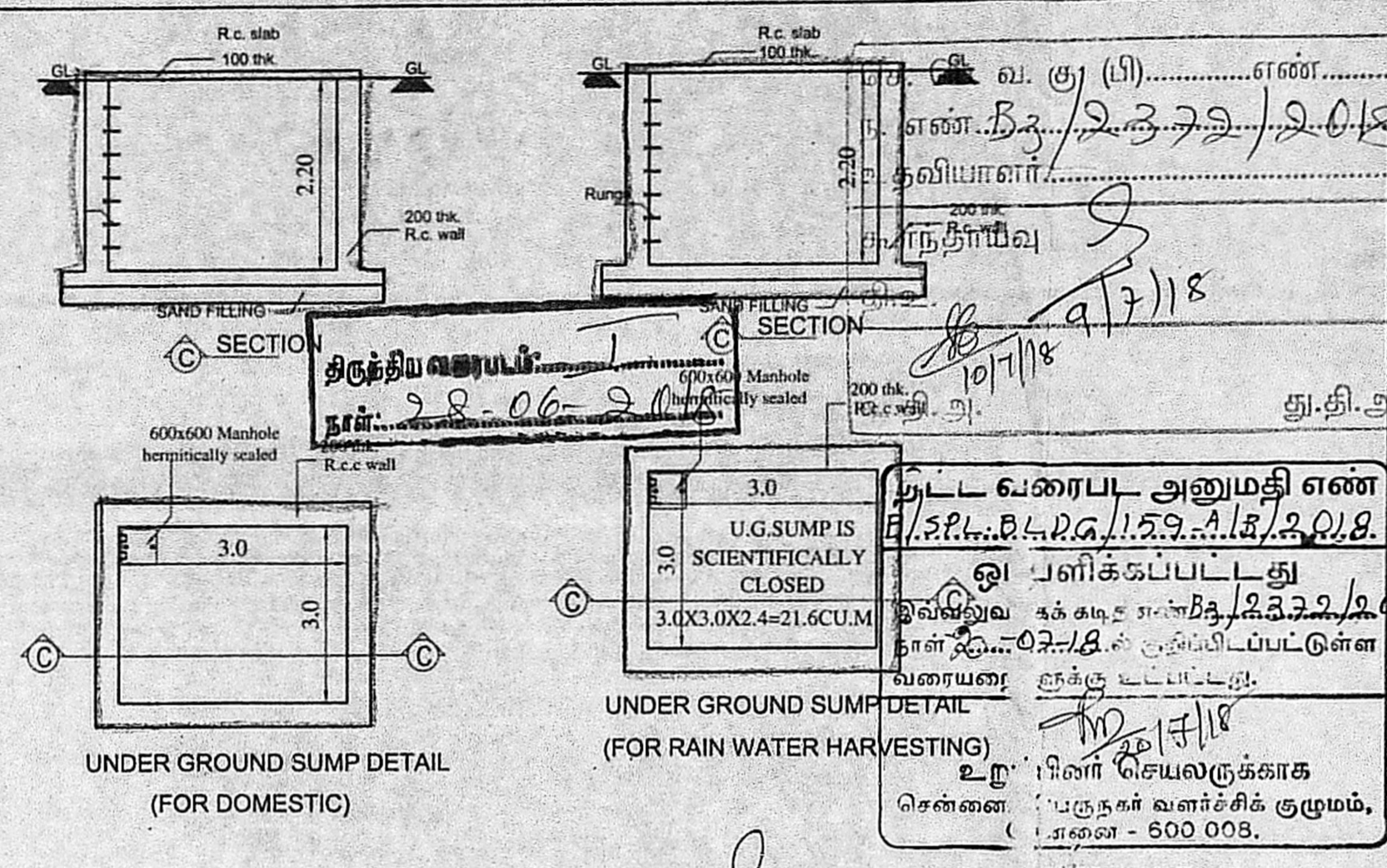


SOUTH SIDE ELEVATION



STILT FLOOR PLAN

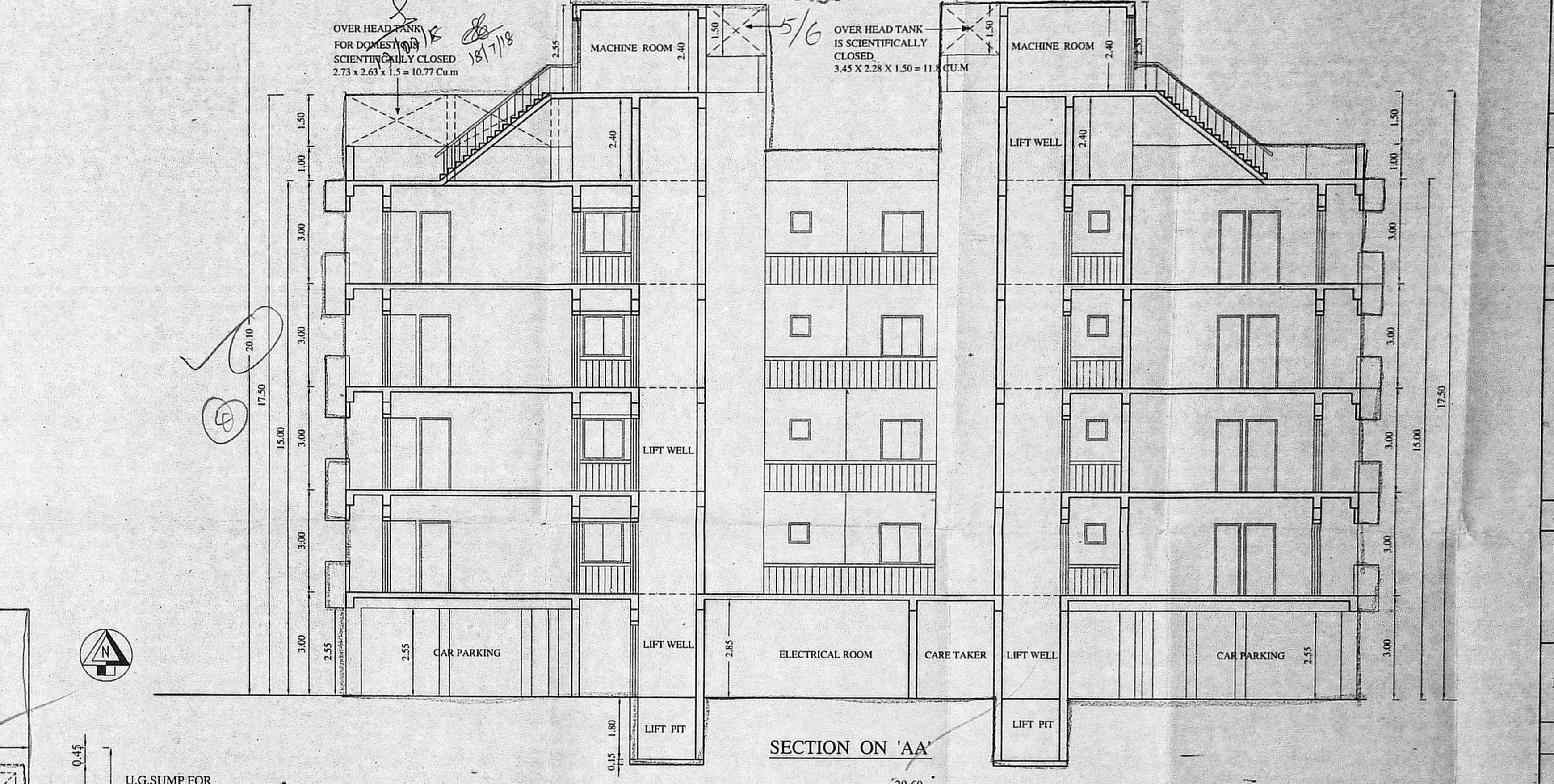


UNDER GROUND SUMP DETAIL (FOR RAIN WATER HARVESTING) (FOR DOMESTIC)

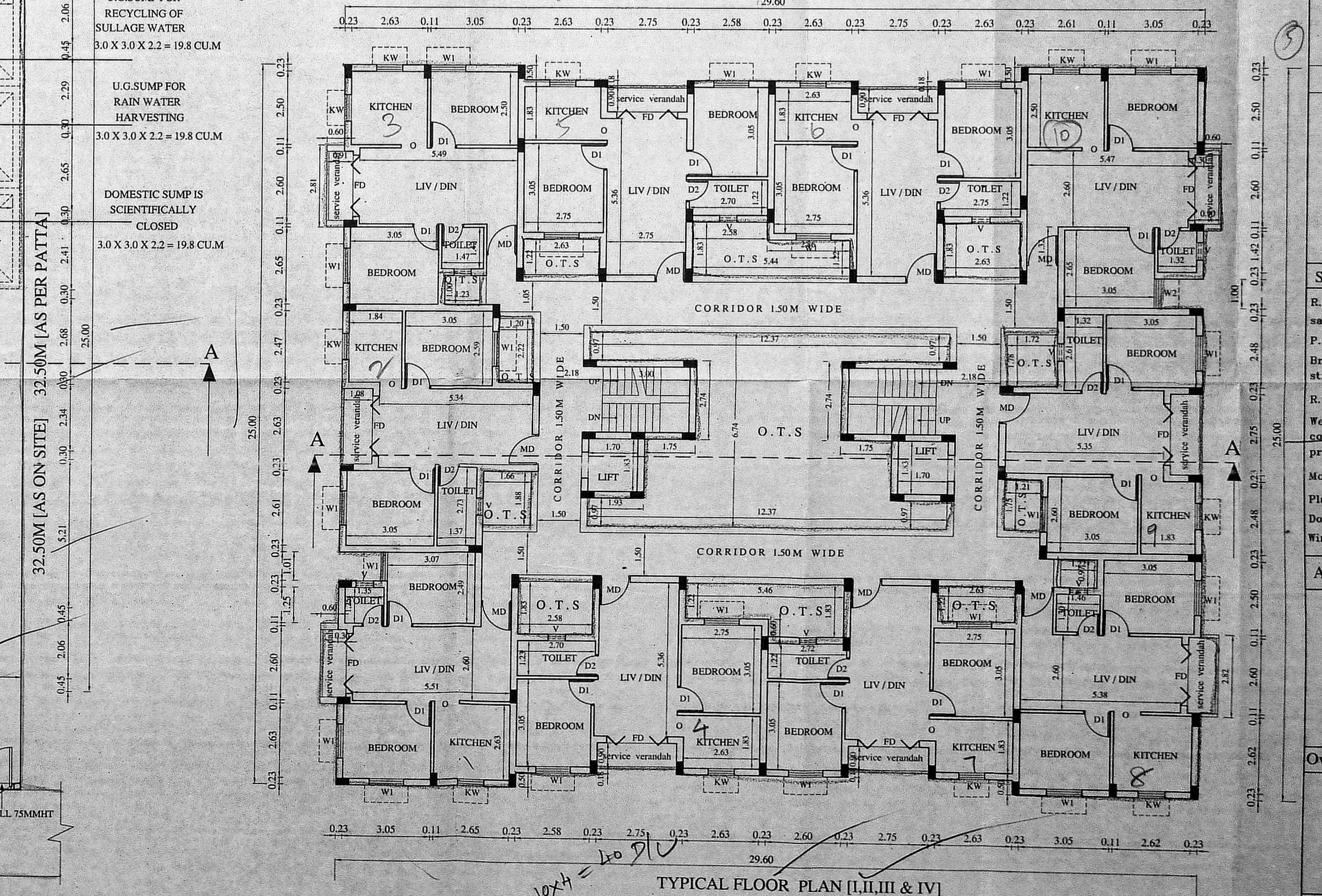
SEPTIC TANK CALCULATION:

NO OF DWELLINGS:	40 NOS
NO OF USERS:	40 x 5 = 200 persons
RATE OF WATER SUPPLY	150 /LPM / DAY
FLOW OF SEWAGE /DAY	200 X 150 = 30,000 LTS
DETENTION PERIOD	18 HOURS
TANK CAPACITY	30000 X 18 / 24 = 22500 LTS
CLEANED EVERY YEAR SO STORAGE CAPACITY AT THE RATIO OF 18.0 LTS FOR A PERSON PER YEAR	30 X 18 = 540 LTS
WITH PROVISION FOR FUTURE EXPANSION LET THE TANK CAPACITY BE 23040 LTS	22500 + 540 = 23040 LTS
PROVIDE SEPTIC TANK SIZE	L X B X D = 5.2 X 2.5 X 1.8 = 23.40 CU.M

UPFLOW FILTER:
DISCHARGE FOR 70 PERSONS
200 X 70 = 14,000 LTRS
VOLUME: 200 X 0.25 = 50 CU.M
DEPTH: 1.1 - 0.3 = 0.8M
PLAN AREA REQUIRED
50 / 0.8 = 62.50 Sq.m
SIZE OF THE FINAL SUMP
11.2 X 2.5 X 1.8 = 50.4 CU.M
UPFLOW FILTER-1 = 5.6 X 2.5 X 1.8
UPFLOW FILTER-2 = 5.6 X 2.5 X 1.8



SECTION ON 'AA'



TYPICAL FLOOR PLAN (I, II, III & IV)

SHEET: 1 OF 2
Plan showing the proposed construction of a LIG Housing Residential Building at Plot No : 7, in CMDA Approved L/O No : 034/2016 in T.S.No. 179 [as per patta] in Block No:18, Ward - G Old S.No: 276[pt], 277[pt], 278[pt] of Thiruvottiyur 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	[Symbol]
ROAD AS	[Symbol]
BOUNDARY LINE AS	[Symbol]

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 (SUP)	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 = $\frac{2372.12}{1225.24} = 1.947$

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:1:2:4 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
[Signature]
Authorised Signatory

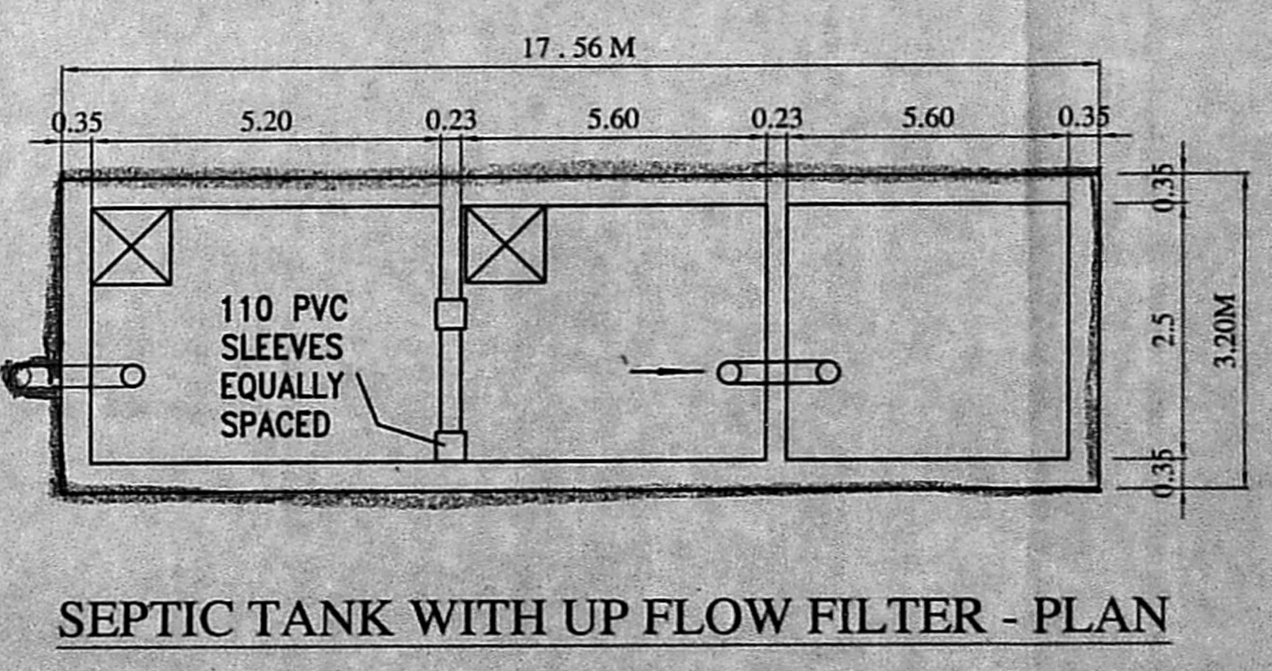
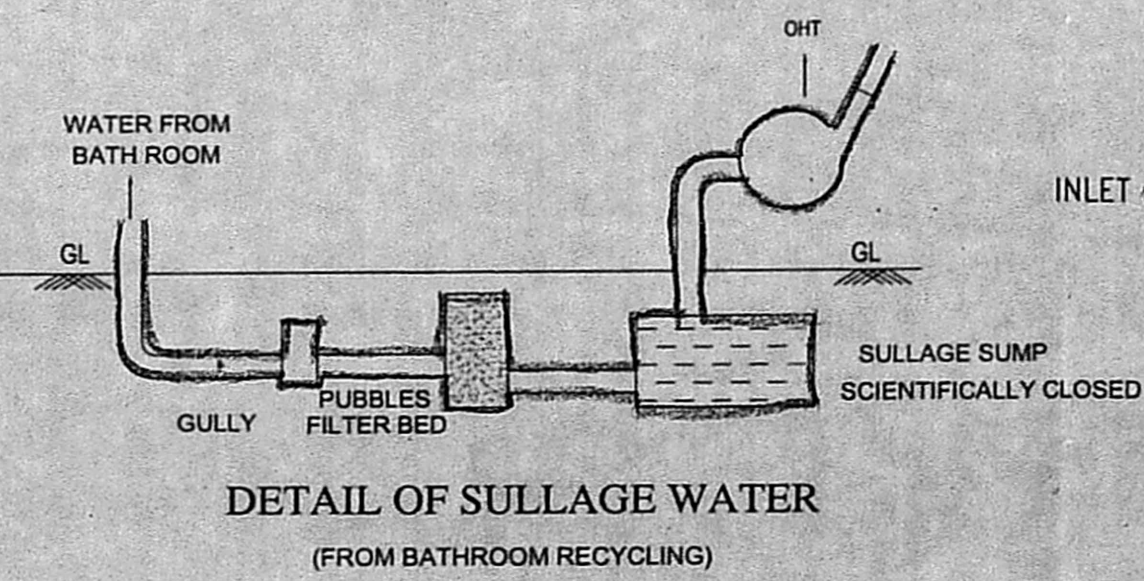
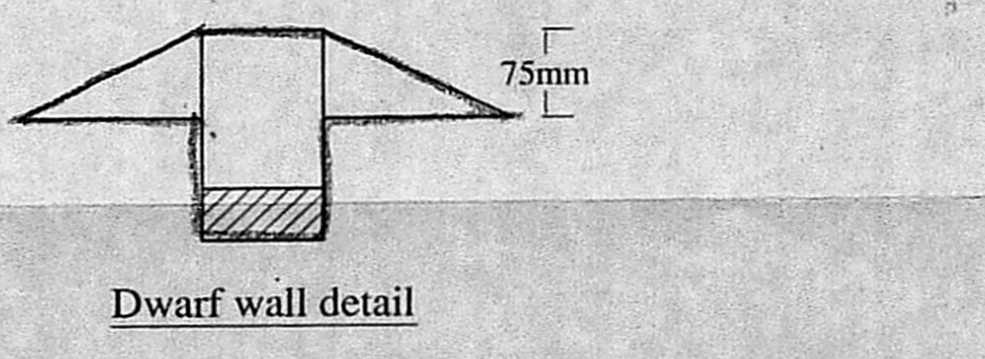
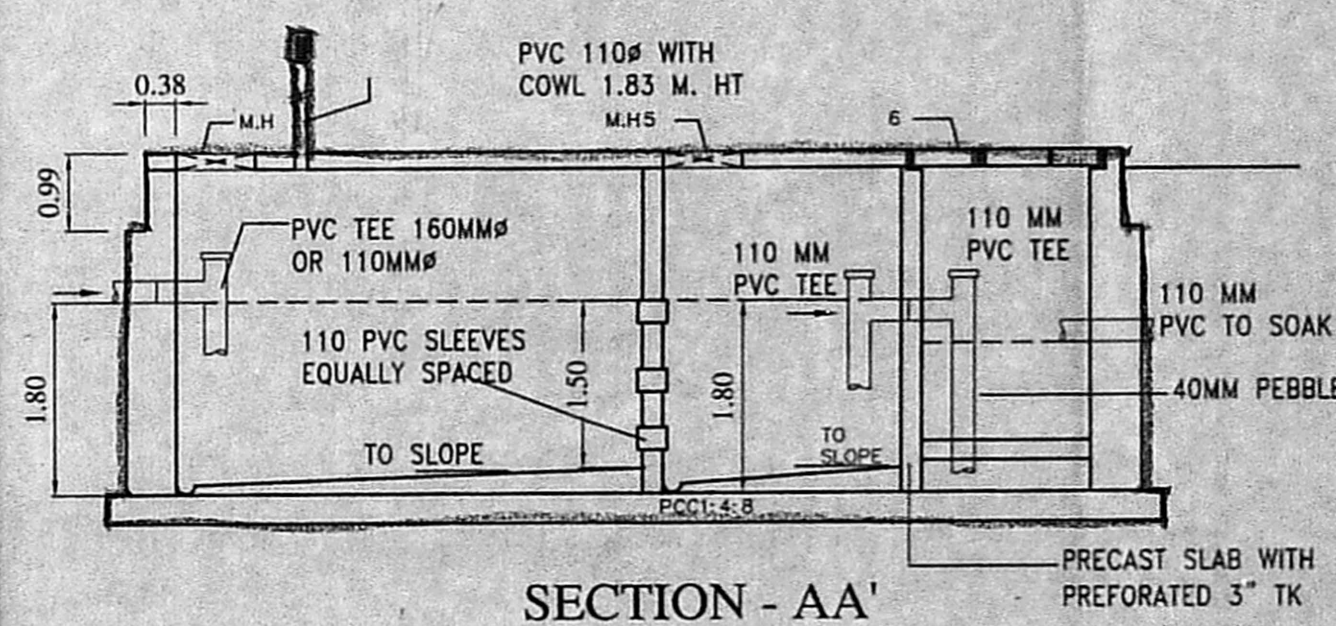
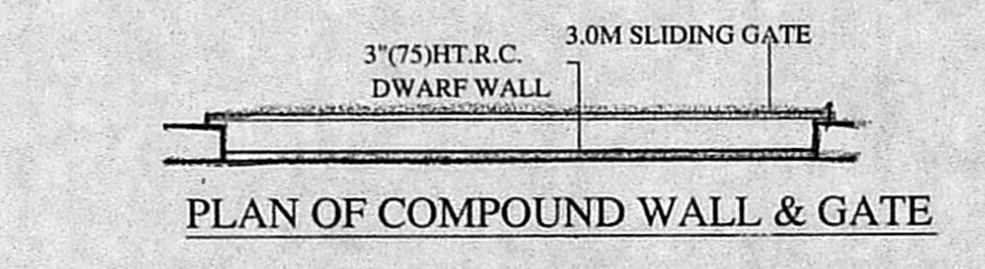
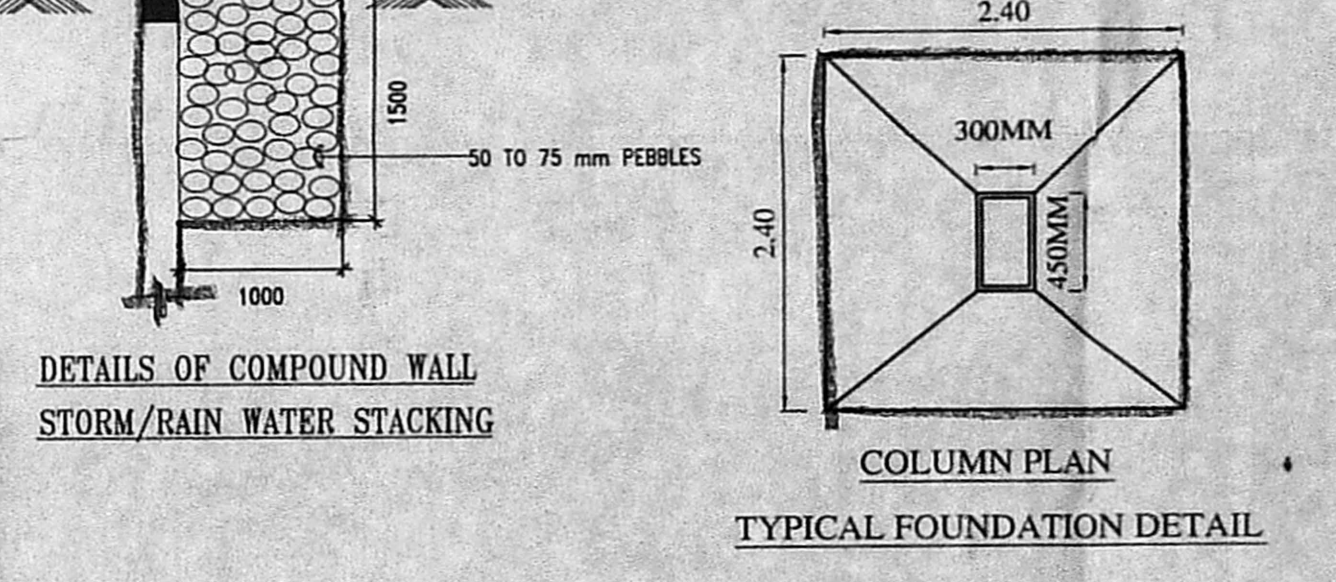
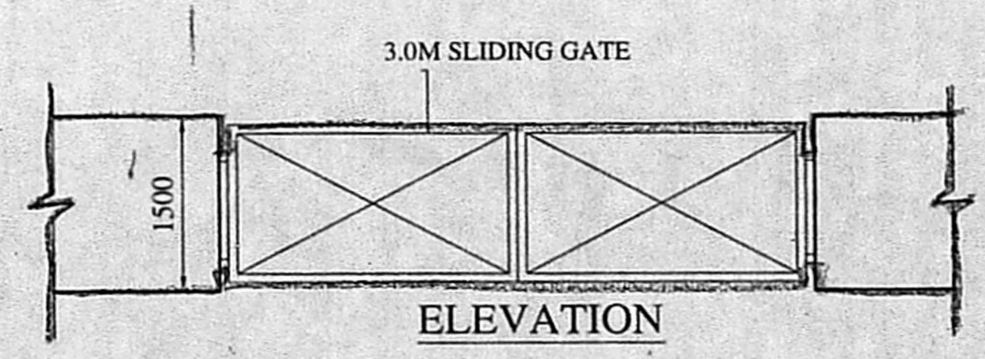
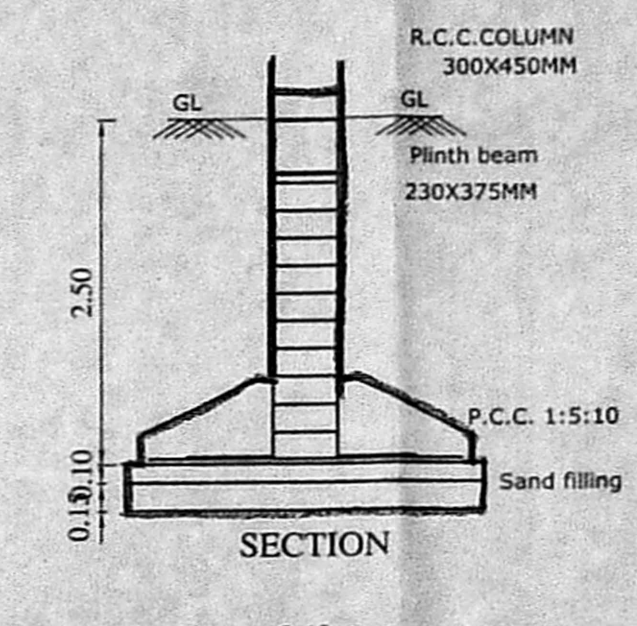
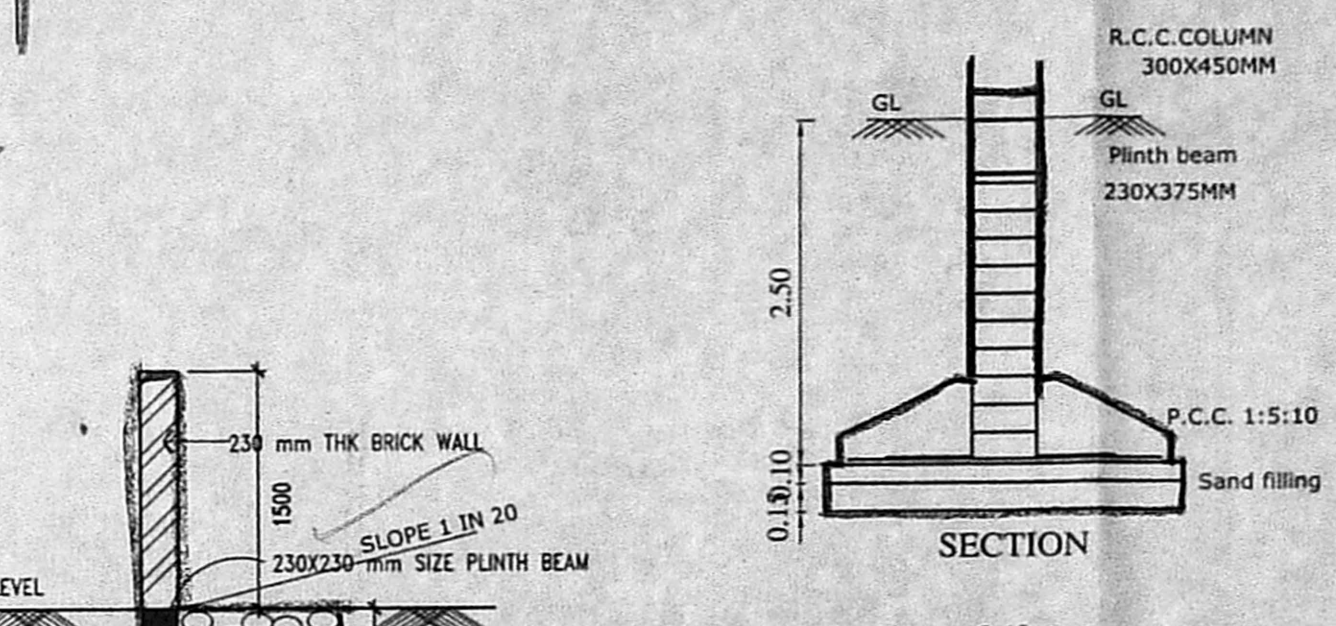
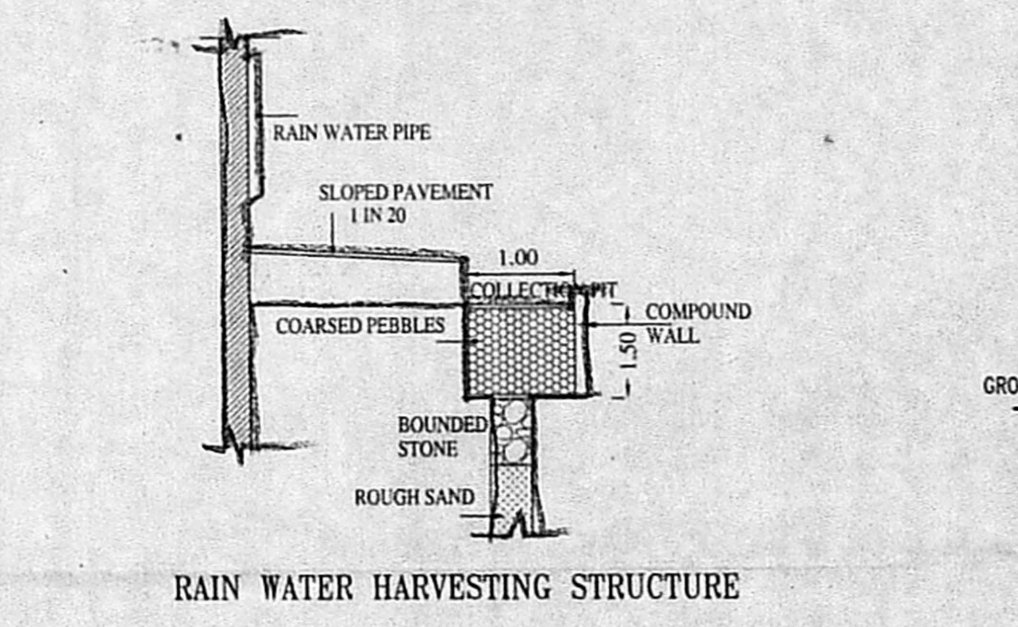
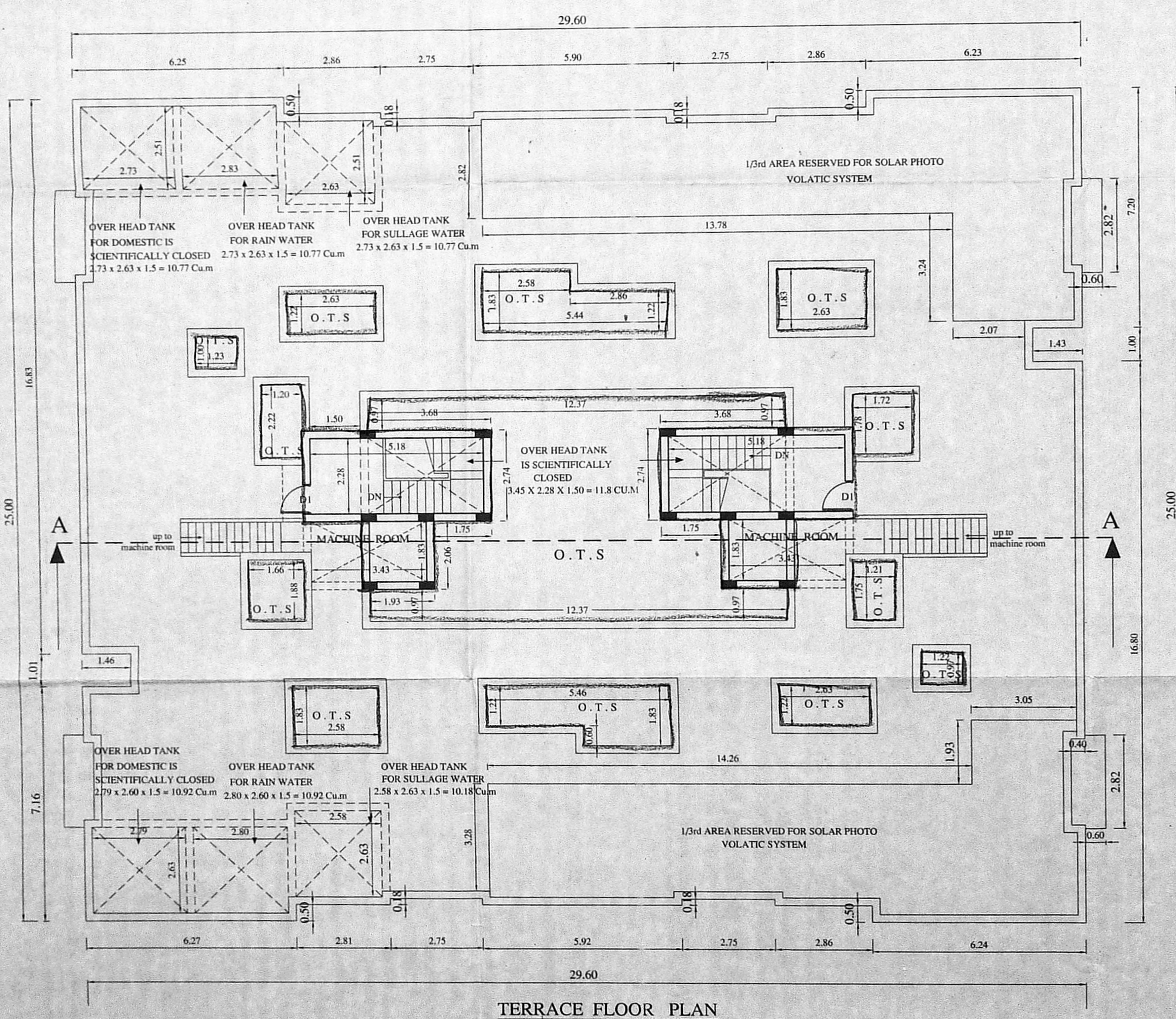
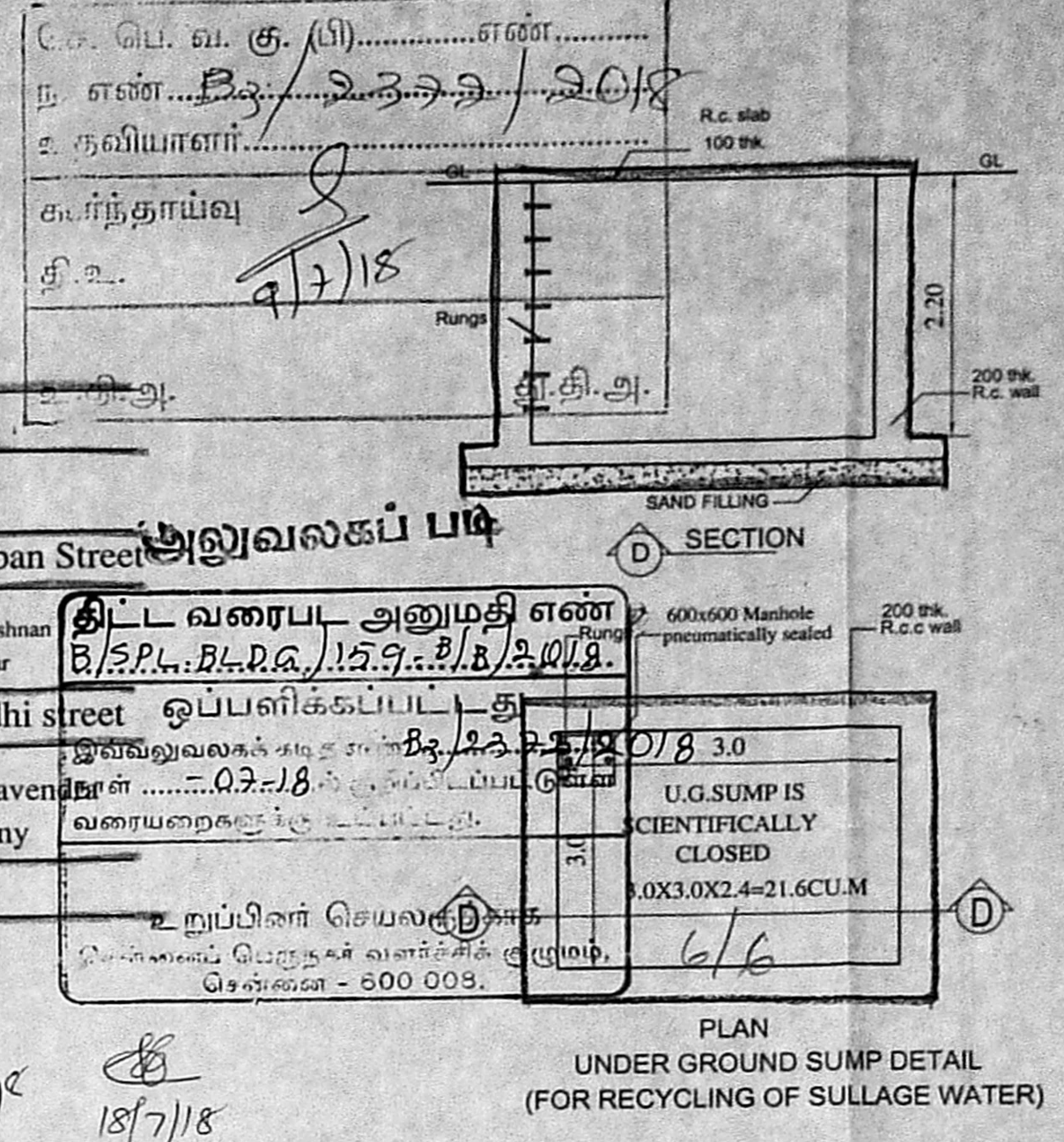
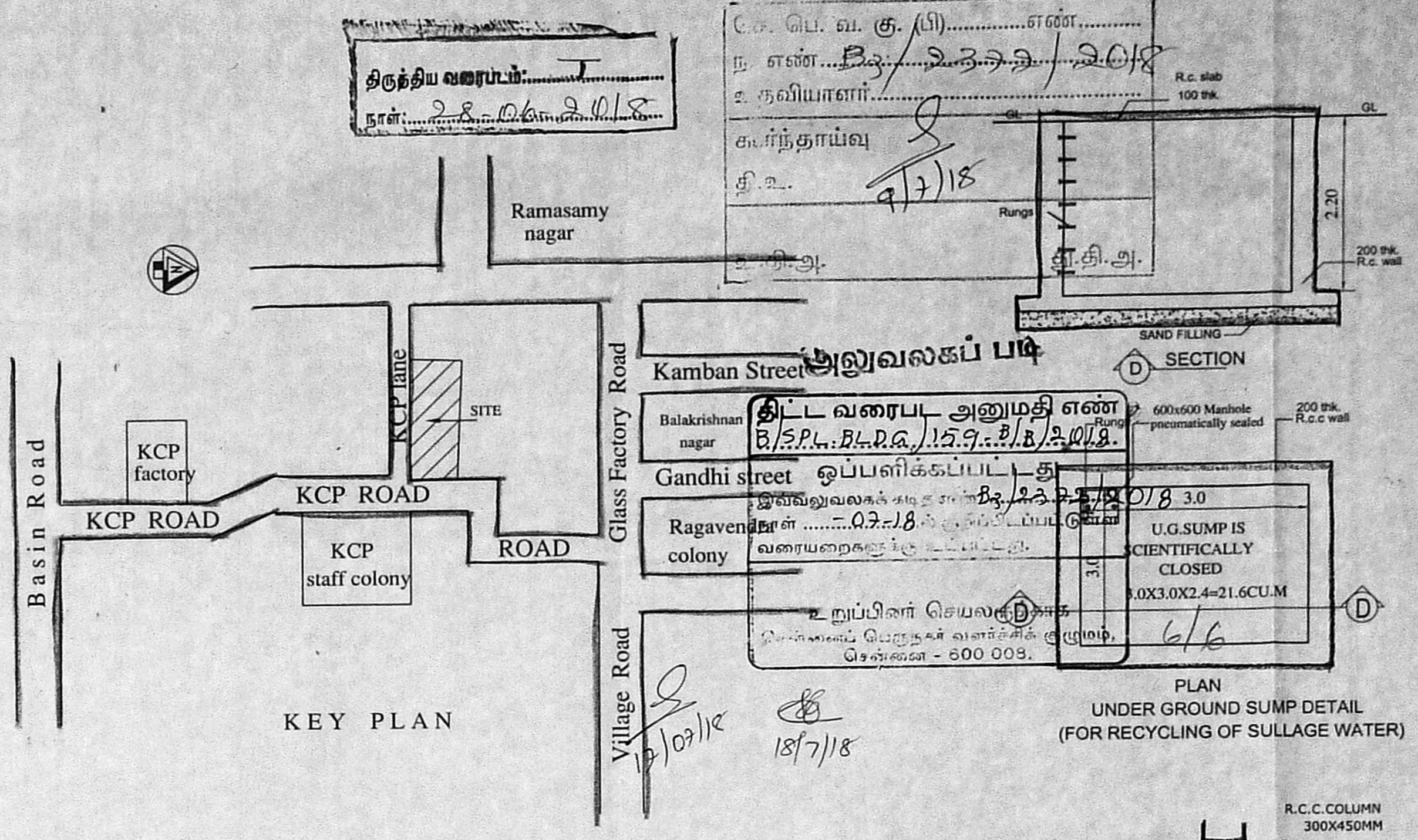
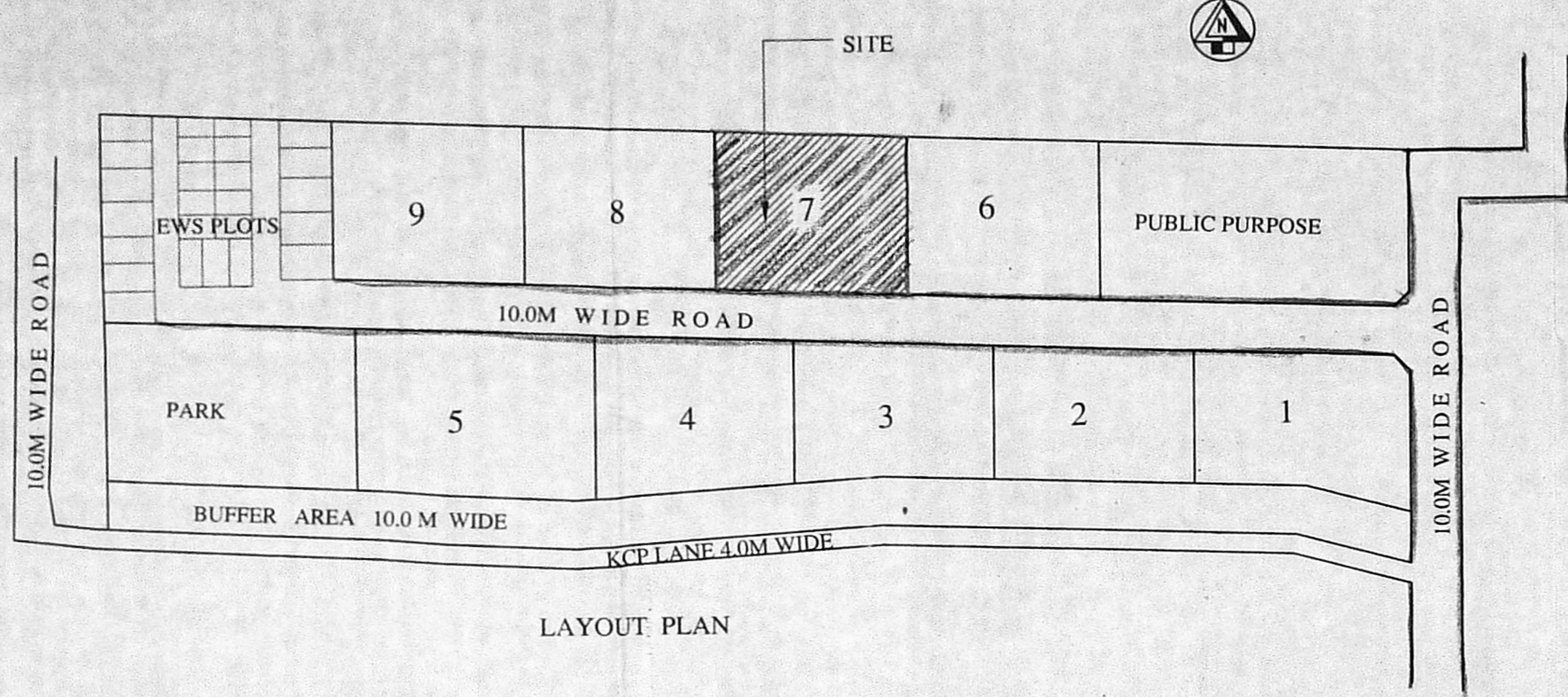
Owner Signature
[Signature]
M. PRADEEP
Registered Architect,
Regn. No. CA-201182,
New 682, Kamaraj Nagar 2nd
Street, Nungambakam
Chennai-34. Ph:2617057

Architect / Licensed Surveyor

Plan showing the proposed construction of a LIG Housing Residential Building at Plot No: 7, in CMDA Approved L/o No: 034 / 2016 in T.S.No: 7 / 9 [as per patta] in Block No:18, Ward - G Old S.No: 276[pt], 277[pt], 278[pt] of Thiruvottiyur 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
 BOUNDRY LINE AS



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 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: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 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
 Authorized Signatory

Owner Signature
 M. PRADEEP
 Registered Architect,
 Regn. No. CA-92/15172,
 New 68/2, Kamarajar Nagar 2nd
 Street, Nungambakkam,
 Chennai-34. Ph. 28170707

Architect / Licensed Surveyor