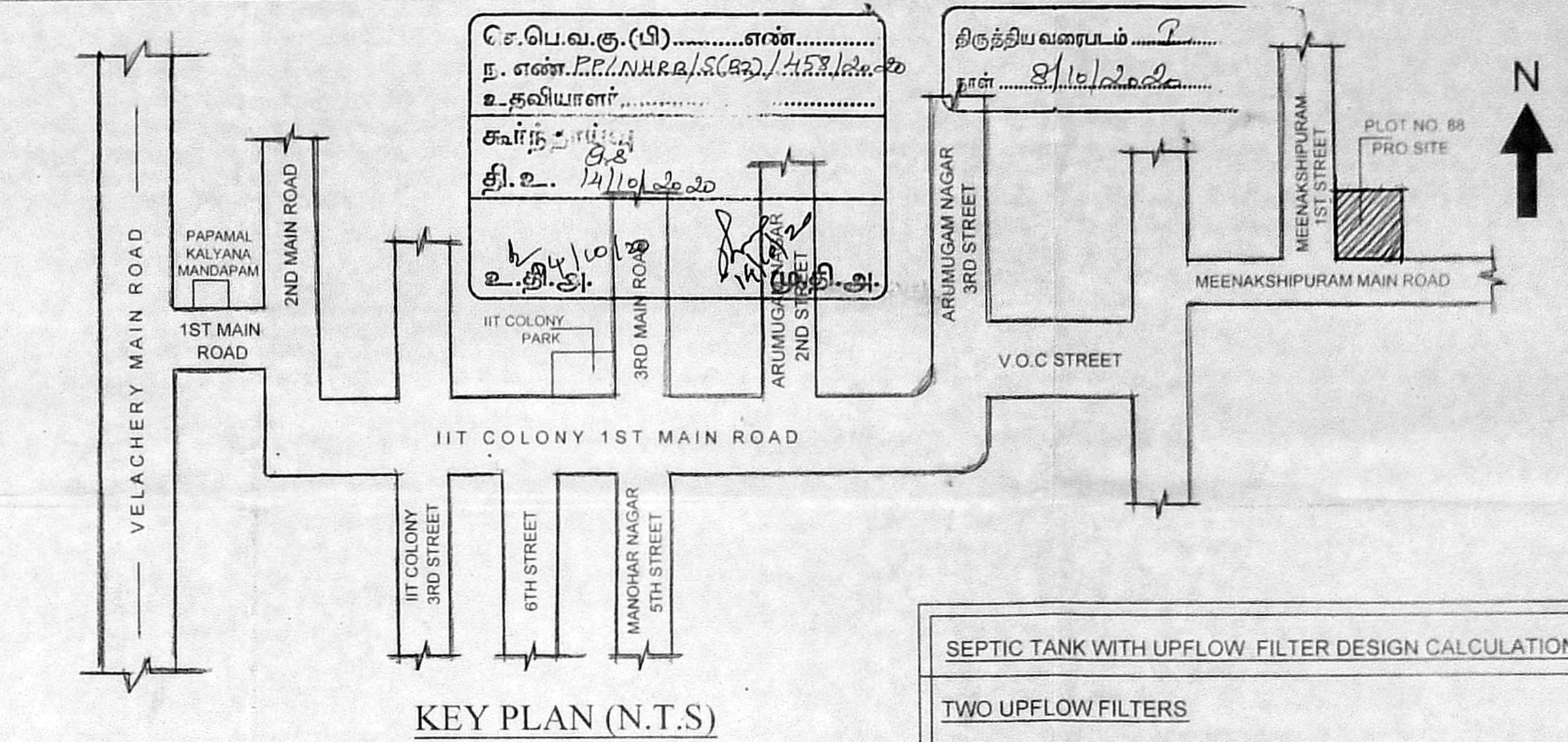
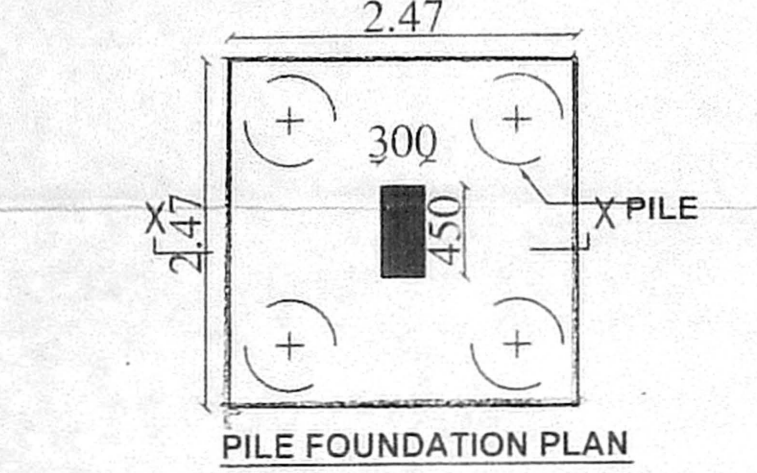
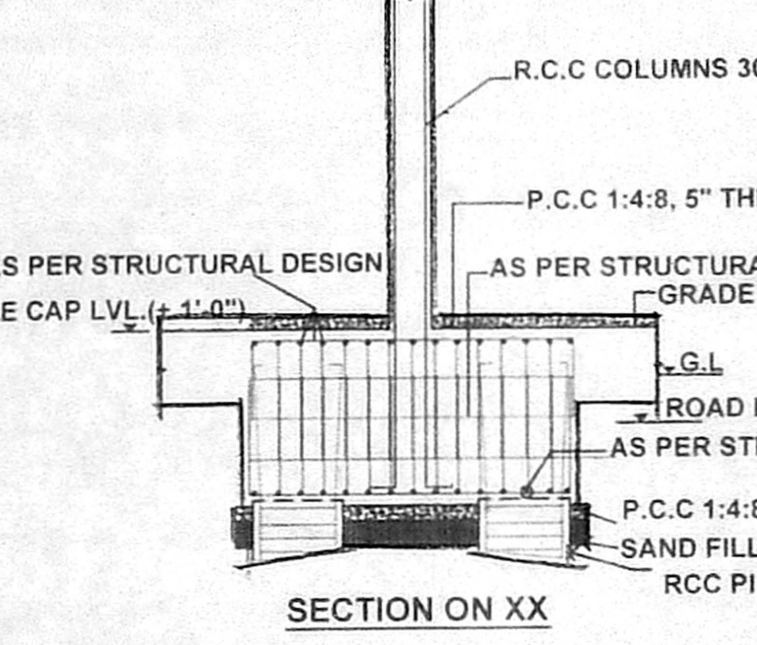
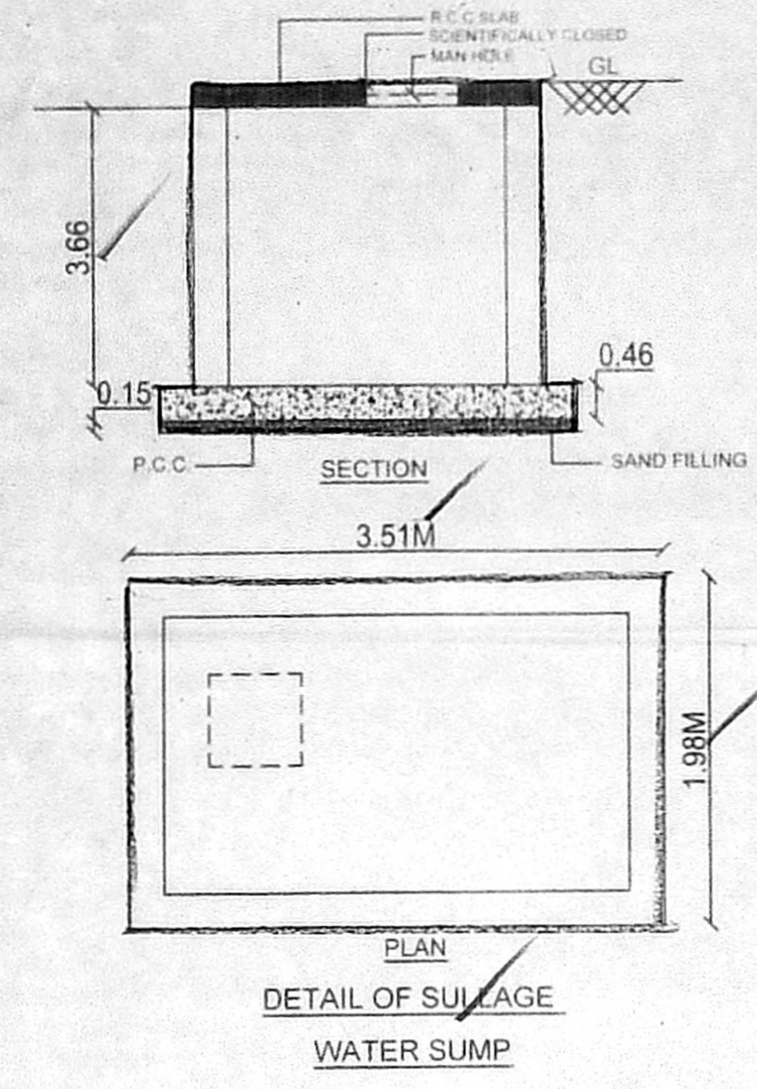
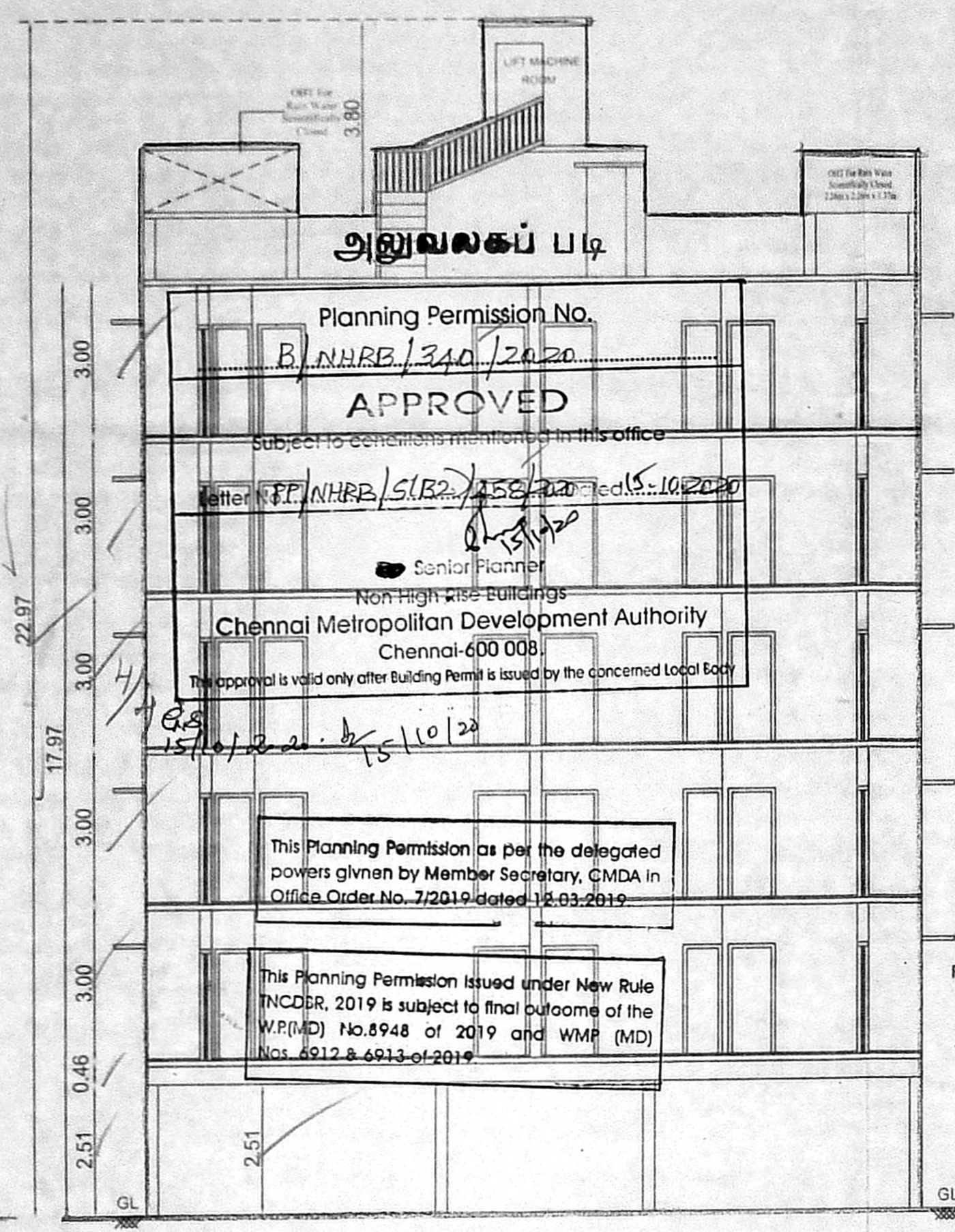
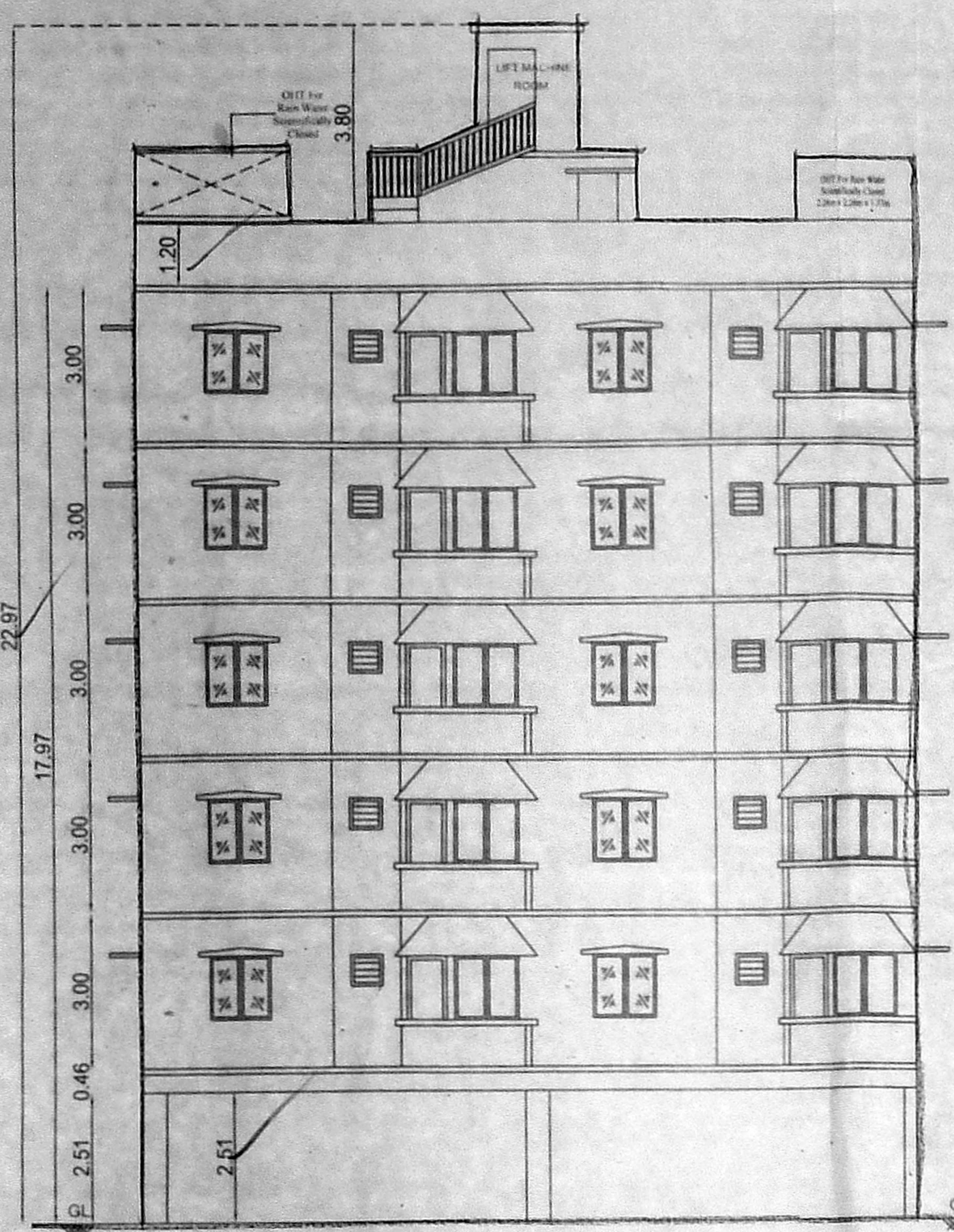


PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO. 88, MEENAKSHIPURAM MAIN ROAD AND MEENAKSHIPURAM 1ST STREET, PALLIKARANAI, CHENNAI, COMPRISED IN OLD S.NO: 629, NEW S.NO: 629/88 (AS PER PATTI) OF PALLIKARANAI VILLAGE, WITH IN GREATER CHENNAI CORPORATION, ZONE: 14, DIVISION: 189.

NOTE:-
LAND REGULARISED SANCTION PERMIT NO. 1574/2020, DATED: 12/08/2020.



SEPTIC TANK WITH UPFLOW FILTER DESIGN CALCULATIONS:-

TWO UPFLOW FILTERS

- NO. OF DWELLINGS : 10 NOS. (2BHK)
- NO. OF USERS : 10 NOS. x 5 PERSONS = 50 PERSONS
- RATE OF WATER SUPPLY : 150 LITRES PER CAPITA / DAY
- FLOW OF SEWAGE / DAY : 30 x 150, 4500 LITRES / DAY
- DETENTION PERIOD : 18 HRS
- TANK CAPACITY : 4500 x 18/24 = 3375 LITRES

The Tank is to be cleared every year. So the sludge storage capacity at the rate of 15 m³/15 x 30 persons = 450 = 4500 + 450 = 4950 LITRES

With provision for future expansion let the total capacity be 6600 Ltrs = 7000 Ltrs per day

SEPTIC TANK HAVING CAPACITY OF :

- DEPTH OF LIQUID : 1.00 M
- PLAN OF THE TANK : 7.0 / 1.0 = 7.00 M²
- BREADTH OF THE TANK : 3.46 M
- LENGTH OF THE TANK : 8.15 M
- FREE BOARD OF THE TANK : 0.15 M
- TOTAL DEPTH OF THE TANK : 1.00M X 0.15M = 1.15M
- PROPOSED SEPTIC TANK SIZE : 8.15M X 3.46M X 2.0M

UPFLOW FILTERS

- DISCHARGE FOR 45 PERSONS : 6750 LITRES / DAY
- VOLUME : 6.00 X 0.98 = 5.88 M³
- DEPTH : 0.7 - 0.16 = 0.55 M³
- PLAN AREA REQUIRED : 9.88 / 1.2 = 4.9 M²
- SIZE OF THE EFFLUENT SUMP : 2.5 X 1.15 X 0.7
- UPFLOW FILTER NO.1 : 2.5 X 0.85 X 0.7
- UPFLOW FILTER NO.2 : 2.5 X 0.85 X 0.7

AREA STATEMENTS

PLOT AREA AS PER DOC	390.00 SQ MT
PLOT AREA AS PER FMB	387.00 SQ MT
FSI AREA (SQ. MTR)	
FIRST FLOOR AREA	179.33 SQ MT
SECOND FLOOR AREA	179.33 SQ MT
THIRD FLOOR AREA	179.33 SQ MT
FOURTH FLOOR AREA	179.33 SQ MT
FIFTH FLOOR AREA	179.33 SQ MT
TOTAL FLOOR AREA	896.65 SQ MT
FSI ACHIEVED	2.32

CAR PARKING PROVIDED 11 NOS

SCHEDULE OF JOINERIES

MD	MAIN DOOR	3'6" X 7'0"	(1.08X2.13)
D1	DOOR	3'0" X 7'0"	(0.91X2.13)
D2	DOOR	2'6" X 7'0"	(0.76X2.13)
FD	FRENCH DOOR	6'0" X 7'0"	(1.83X2.13)
KW	KITCHEN WINDOW	4'0" X 4'0"	(1.20X1.20)
W1	WINDOW	4'0" X 4'0"	(1.20X1.20)
V	VERTILATOR	2'6" X 2'6"	(0.76X0.76)
O	OPENNING	3'0" X 7'0"	(0.91X2.13)

SCALE 1" = 8' 0" (OR) 1:100

COLOUR INDEX

PROPOSED	(Symbol)
ROAD	(Symbol)
BOUNDARY	(Symbol)

NORTH POINT

DATE: 09.01.2020

CONSULTANT: SHIRDI PLANNERS

CHECKED BY: S.VINOTH KUMAR

SCALE: 1"=8'-0"

FILE NAME: "MEERA HOMES"

DRAWN: G.USHA

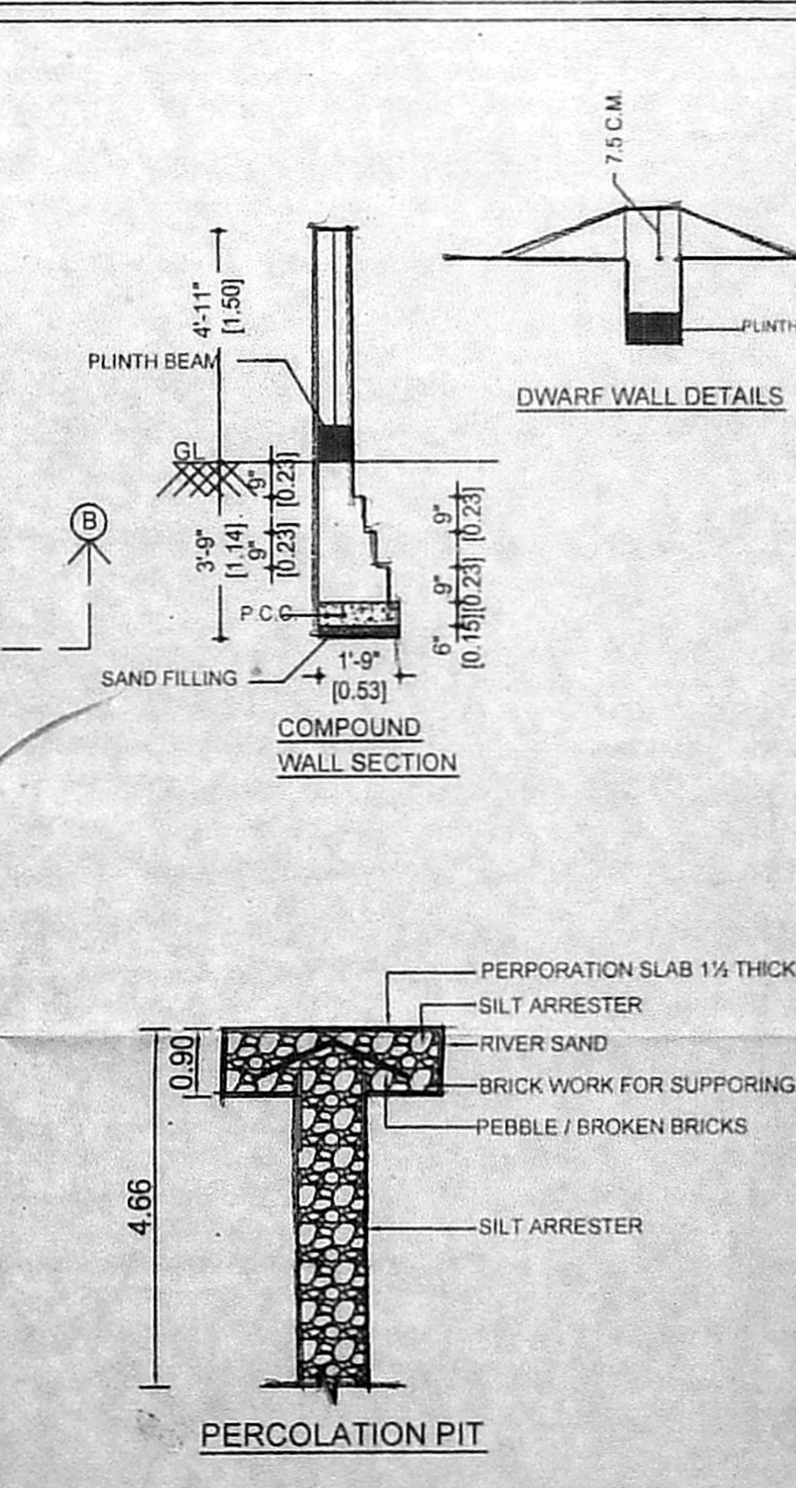
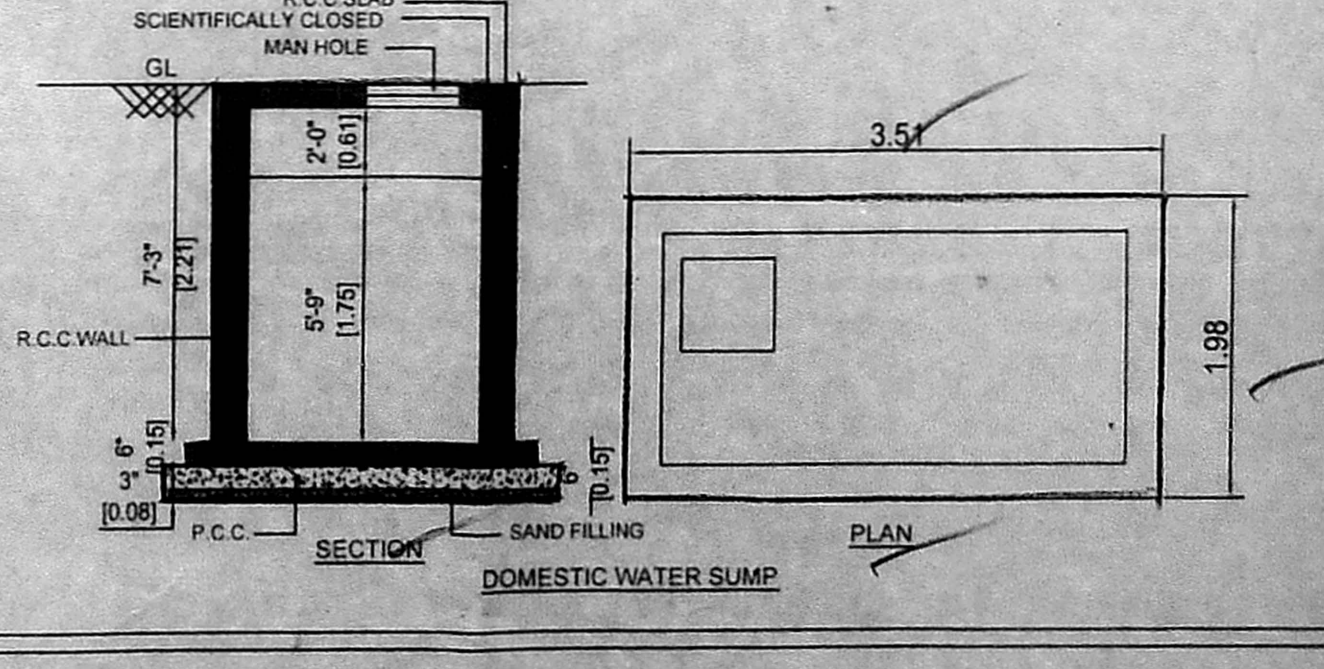
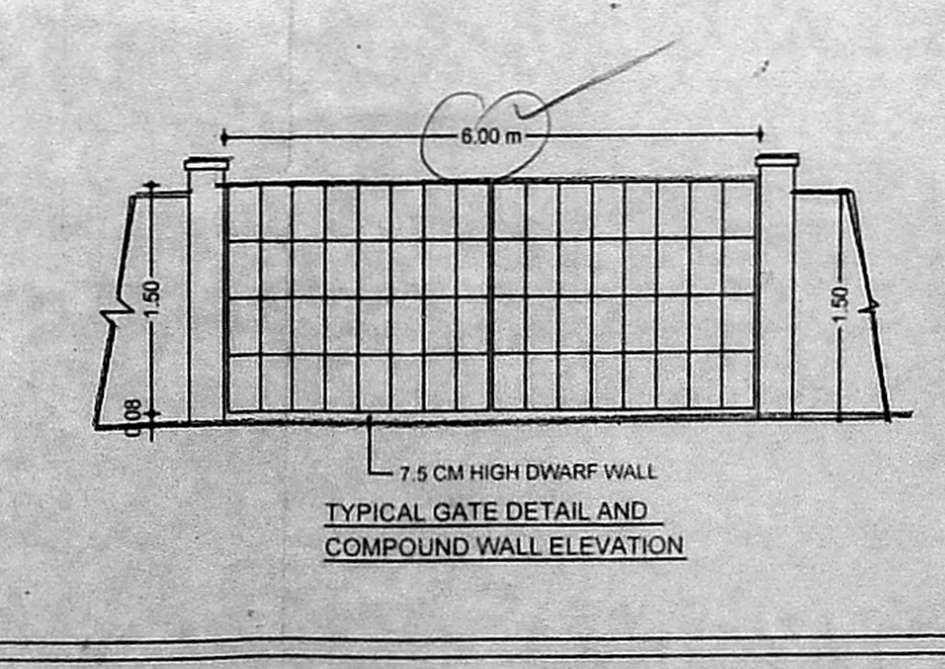
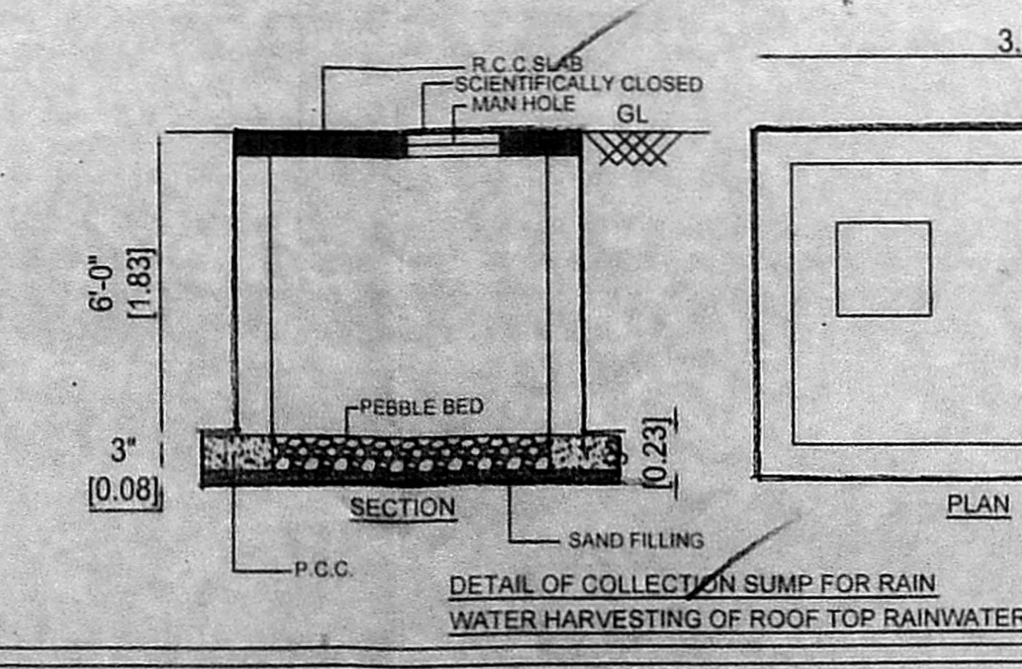
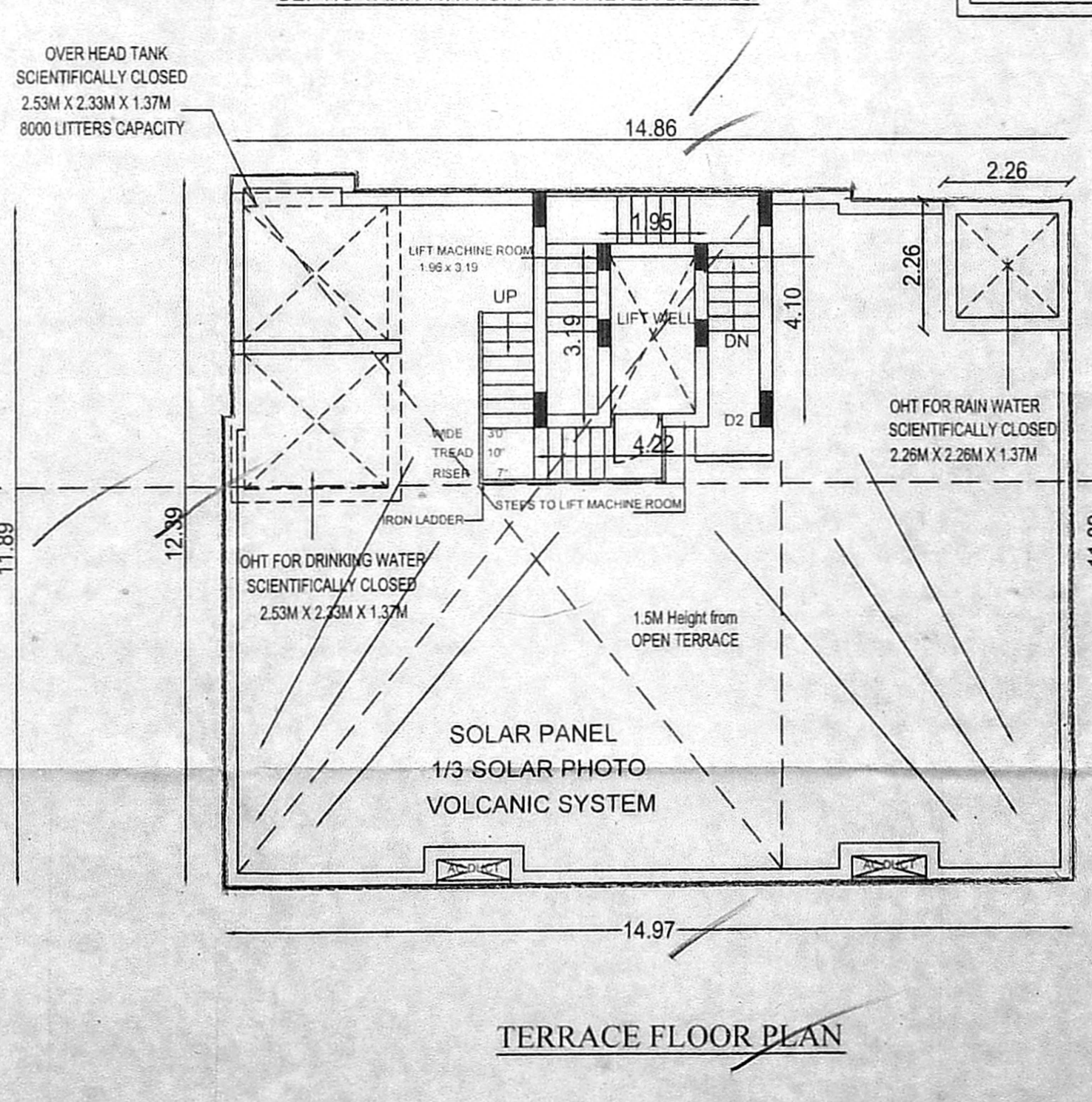
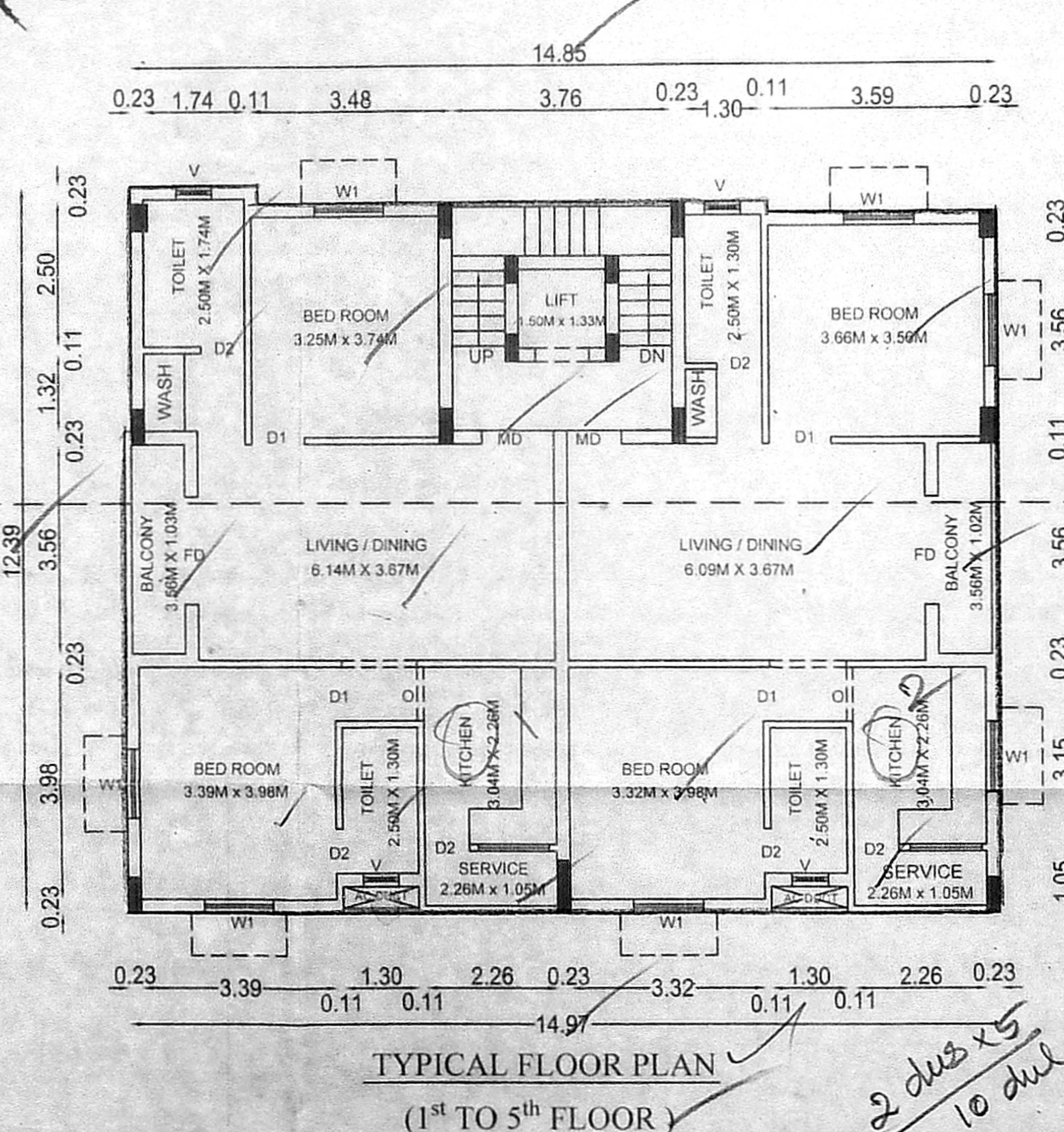
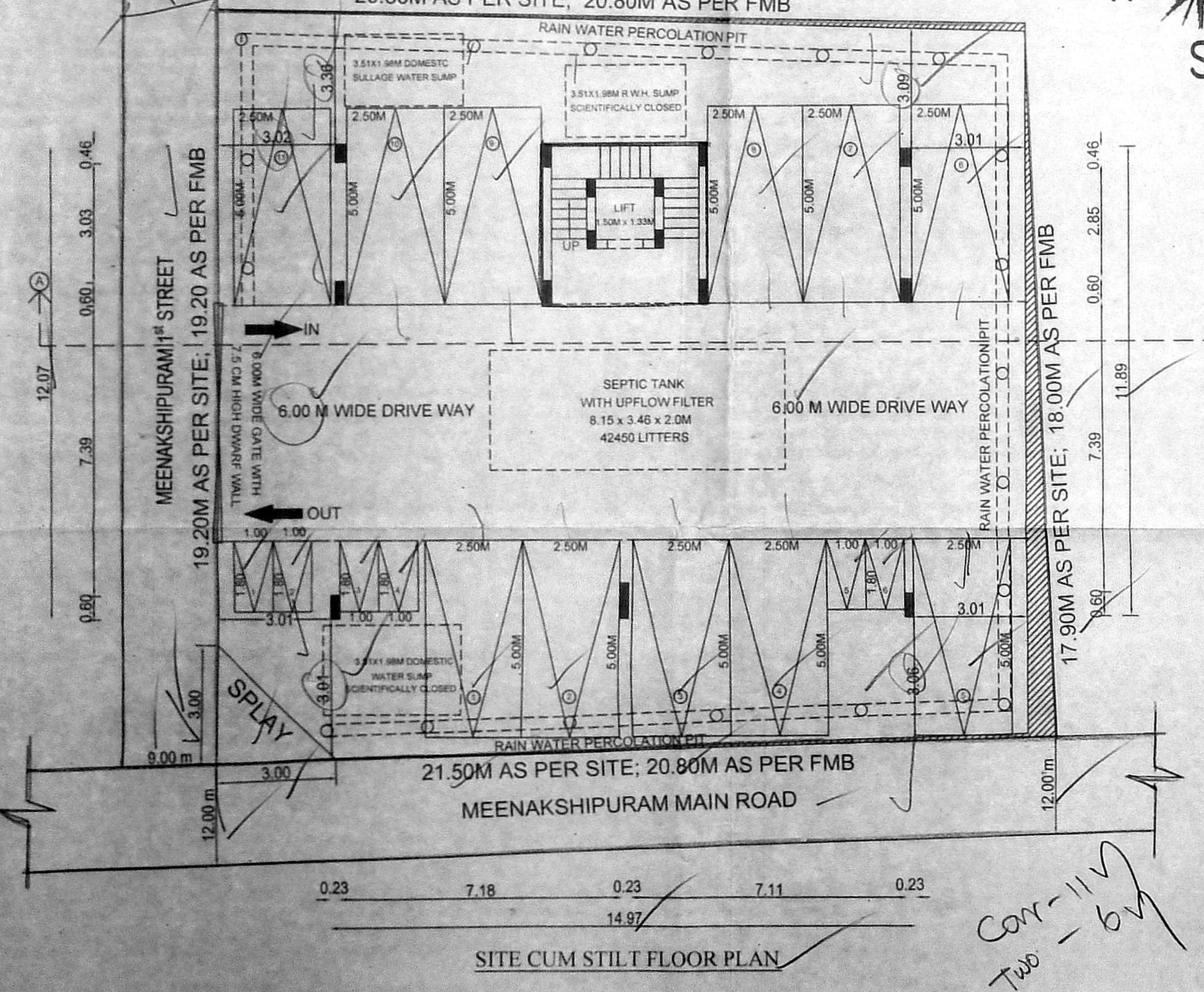
CONSULTANT ADDRESS: Plot No.25 & 29, Sakthi Srinivasa Salai, Kumaran Kudi 2nd Cross Street, Thorapakkam, Chennai - 600 097. OFF PH: 044-4284 5009. Email: shirdiastoundation@gmail.com

STRUCTURAL ENGINEER: G.SELVAM, M.STRUCT, AMIE, FIIV, Registered Structural Engineer, Reg. No: SE/GR-D/19/04/079, No.14, Bakkar, Jom Sathi, 1st Floor, Karayan Chavadi, Poonamallee, Chennai - 56, Mob: 994271970

For MEERA HOMES: K. MANIKANDAN, B.E., No: 8087, Kannagi Nagar, Ogglam Thuraiyakkam, Chennai-600 087. Registration No: REGR-119/97/256, Mobile: 98417 12600

GPA(OR) OWNER: Proprietor

LICENSED SURVEYOR: K. MANIKANDAN, B.E., No: 8087, Kannagi Nagar, Ogglam Thuraiyakkam, Chennai-600 087. Registration No: REGR-119/97/256, Mobile: 98417 12600



Corr-11V
Two - 6V

2 dus x 5
10 dus