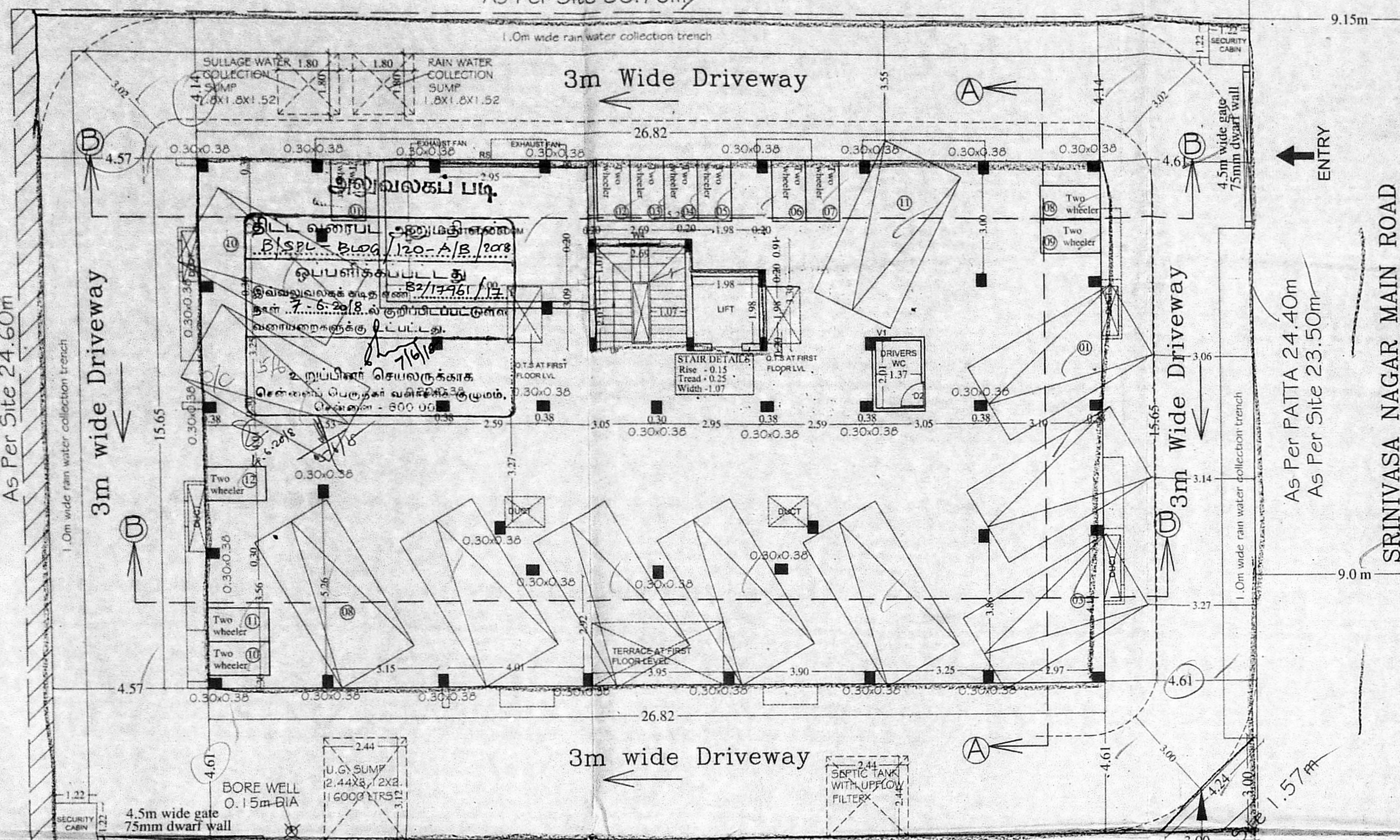


As Per PATA 36.0m
As Per Site 36.70m



AREA STATEMENT (SQ.M)

AS PER SITE	901.88 sq.m			
AS PER PATA	900.00 sq.m			
AS PER DOCUMENT	891.86 sq.m			
AS PER SUPERIMPOSED	878.23 sq.m			

NAME OF THE FLOOR	FSI AREA	NON FSI BALCONY AREA	10% NON FSI AREA	100% NON FSI AREA
STILT FLOOR AREA	-----	-----	32.72	15.44
FIRST FLOOR AREA	374.89	18.20	22.80	3.93
SECOND FLOOR AREA	374.89	18.20	22.80	3.93
THIRD FLOOR AREA	374.89	18.20	22.80	3.93
TOTAL AREA	1124.67	54.60	101.12	27.23

F.S.I ACHIEVED AREA (1.281) 1124.67

DWELLING UNITS DETAILS

	TOTAL
FIRST FLOOR	4 NOS
SECOND FLOOR	4 NOS
THIRD FLOOR	4 NOS
TOTAL	12 NOS

CAR PARKING REQUIRED	10 NOS
CAR PARKING PROVIDED	11 NOS
TWO WHEELER PARKING REQUIRED	7 NOS
TWO WHEELER PARKING PROVIDED	12 NOS

DESIGN OF SEPTIC TANK WITH UPFLOW FILTERS

TOTAL NO. OF RESIDENTIAL UNITS = 12 UNITS
NO. OF USERS (5 PERSON PER UNIT) = 12 x 5 = 60 PERSONS
RATE OF WATER SUPPLY = 150 LITERS/HEAD/DAY
FLOW OF SEWAGE PER DAY = 90 x 150 = 9000 LITERS
ASSUMING THE DETENTION PERIOD = 18 HOURS
TANK CAPACITY = 9000 x 18/24 = 6750 LITERS
THE TANK WILL BE CLEANED EVERY YEAR, 50 SLUDGE STORAGE CAPACITY AT THE RATE OF 50 LITRES PER YEAR = 60 x 50 = 3000 LITRES
TOTAL = 6750 + 3000 = 9750 LITRES
WITH PROVISION FOR FUTURE EXPANSION ADD 25% EXTRA
LET THE TANK CAPACITY BE = 10M³
DEPTH OF FLOW AS = 2.00 M (AVERAGE)
PLAN AREA OF THE TANK = 10 M³ / 2M = 5 M²
THE RATE OF LB = 3.1
BREATH B = 1.29M
L = 3 x 1.29 = 3.87 M
FREE BOARD OF THE TANK = 0.69 M
TOTAL DEPTH OF THE SEPTIC TANK = 2.00M + 0.69M = 2.69 M
REQUIRED SIZE OF THE SEPTIC TANK = 3.87M x 1.29 x 2.69 M = 13.43 M³
WE PROVIDE THE SEPTIC TANK OF SIZE IS = 2.44 x 2.44 x 2.44 = 14.53 M³
HENCE THE SEPTIC TANK IS SUFFICIENT.

UP FLOW DETAILS

DISCHARGE FOR 60 PERSONS = 6000 LITERS
EXTRA FLOW TANK FOR FUTURE = 3000 LITRES
TOTAL DISCHARGE = 12000 LITRES
ASSUME THE PERCOLATION CAPACITY OF FILTER MEDIA OF THE UP FLOW FILTER PIT AS 1.25 M³ (1250 LITRES/M²/DAY)
VOLUME OF UP FLOW FILTER PIT = 10 M³ / 1.25 M³ = 8.0 M³
DEPTH OF UP FLOW FILTER PIT = 2.00 M
PLAN AREA REQUIRE D = 80.0 M³ / 2.0 M³ = 40.0 M²
LENGTH AND BREADTH = 6.0 x 2.0 M
REQUIRED SIZE OF UP FLOW FILTER PIT = 2.0M x 2.0M x 2.0M = 8.00 M³
REQUIRED SIZE OF EFFLUENT COLLECTION TANK = 4.00 M³
WE PROVIDE THE 2 NOS OF UP FLOW = 2 NOS x 1.00 x 2.44 x 2.0 M
FILTER PIT OF SIZE = 9.76 M³
WE PROVIDE THE EFFLUENT COLLECTION TANK = 1.00 x 2.44 x 2.00 = 4.88 M³
HENCE SEPTIC TANK SIZE (2.44M x 2.44M x 2.44M)
UPFLOW FILTER PITS SIZE (2 NOS x 1.00M x 2.44M x 2.0 M) AND EFFLUENT COLLECTION TANK SIZE (1.00 M x 2.44M x 2.0 X) ARE SUFFICIENT.

SPECIFICATIONS

FOUNDATION R.C.C. SLAB, FOUNDATION OVER P.C.C. 1:10
FLOORING OVER P.C.C. WITH CEMENT MORTAR 1:3
W COURSE BRICKS WITH CEMENT MORTAR 1:3
1:4 WITH CEMENT MORTAR
STRUCTURE B.W. IN C.M. 1:5
ROOF, R.C.C. MIN. GRADE OF CONCRETE M25, 4.5% TK.
JOINERY (WOODEN) WITH CEMENT MORTAR 1:3

6/2/17961/17

5. 17/11/17

25/5/2018

JOINERY

D2 WINDOW 0.76x2.13

W4 WINDOW 1.28x2.13

R5 DOOR WITH SHUTTER 2.80x2.13

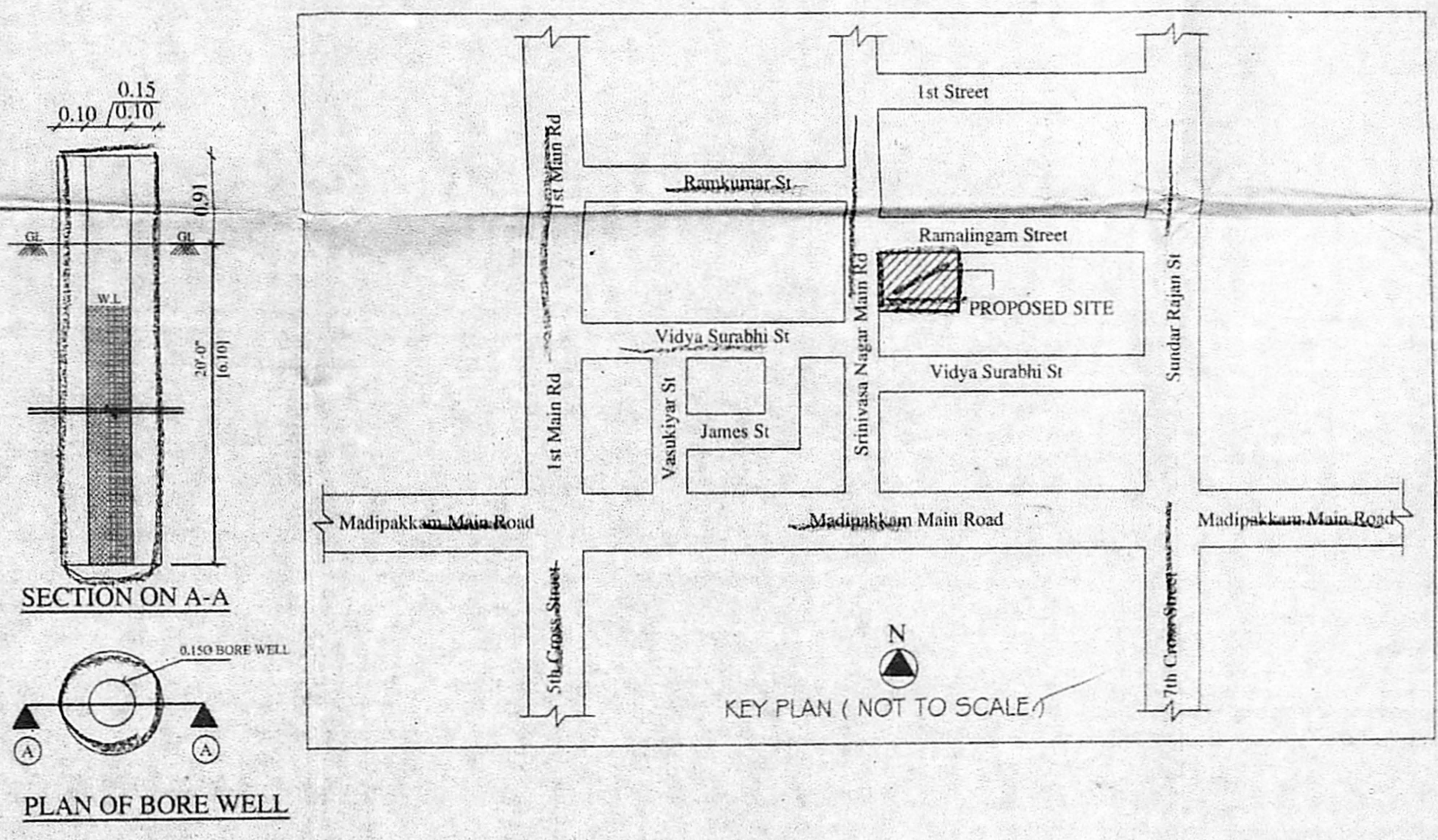
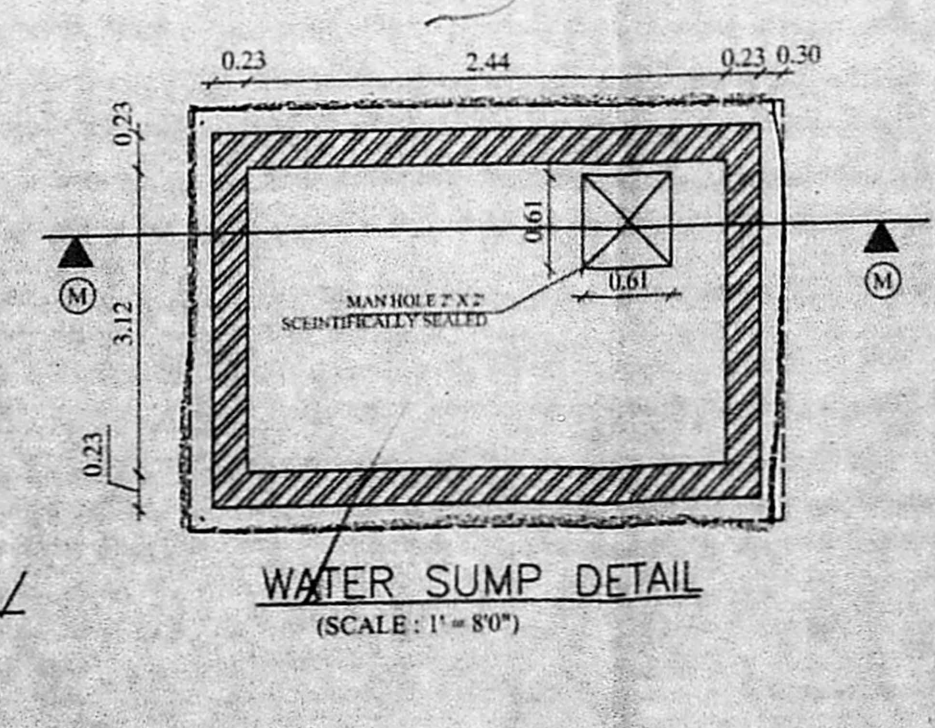
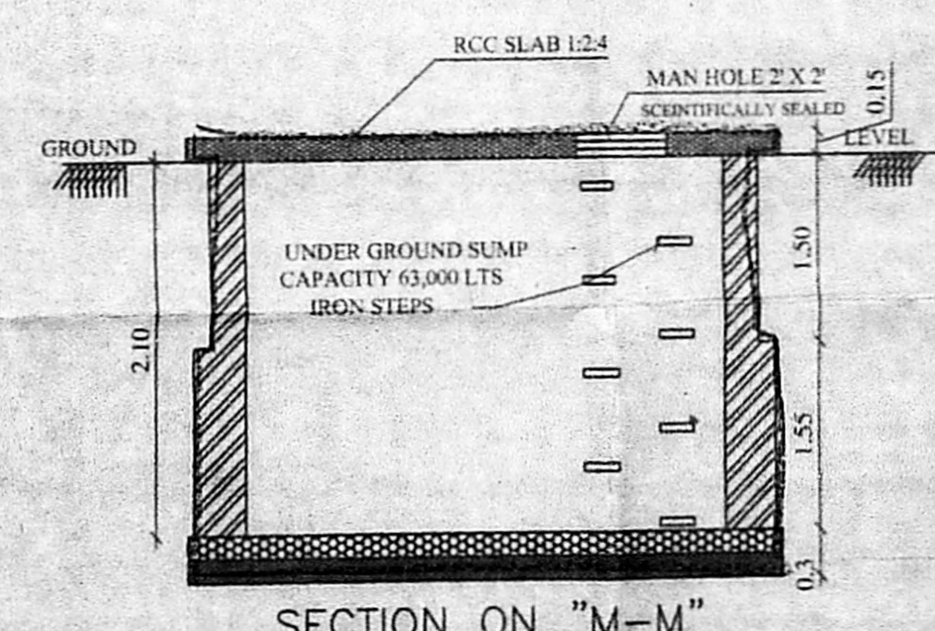
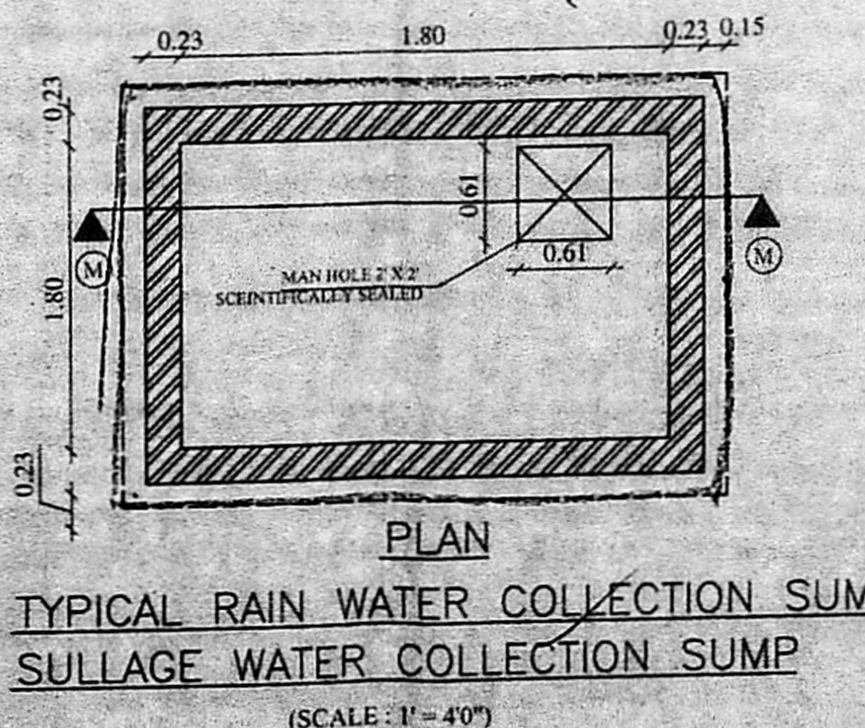
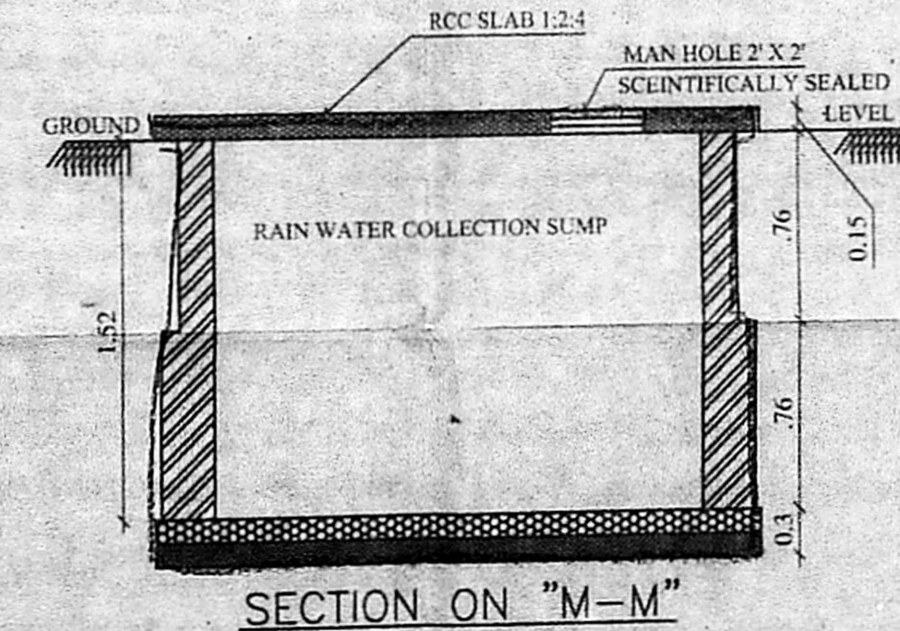
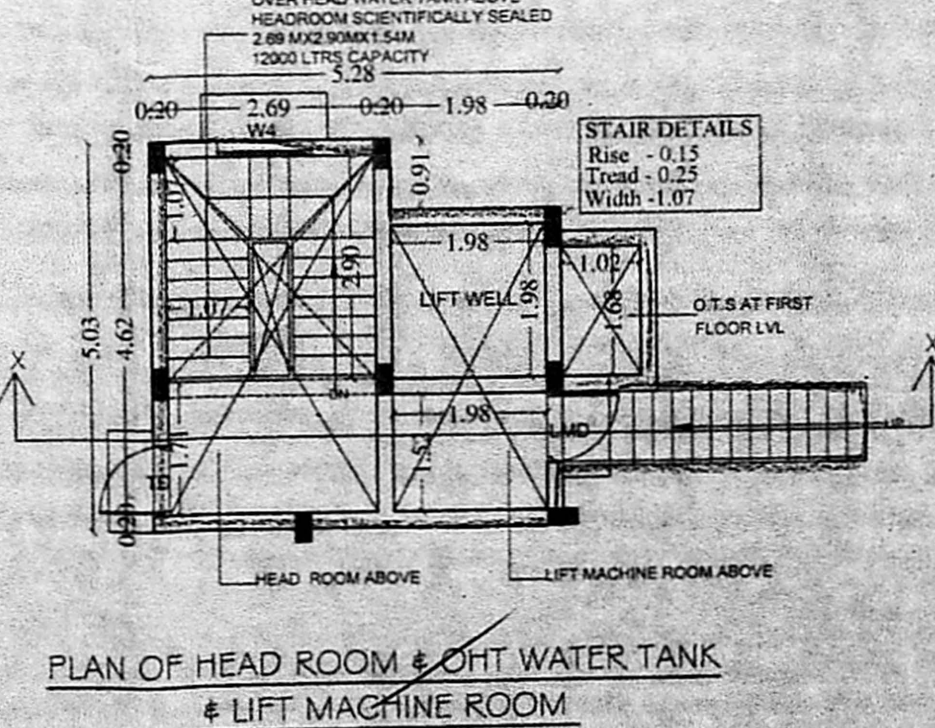
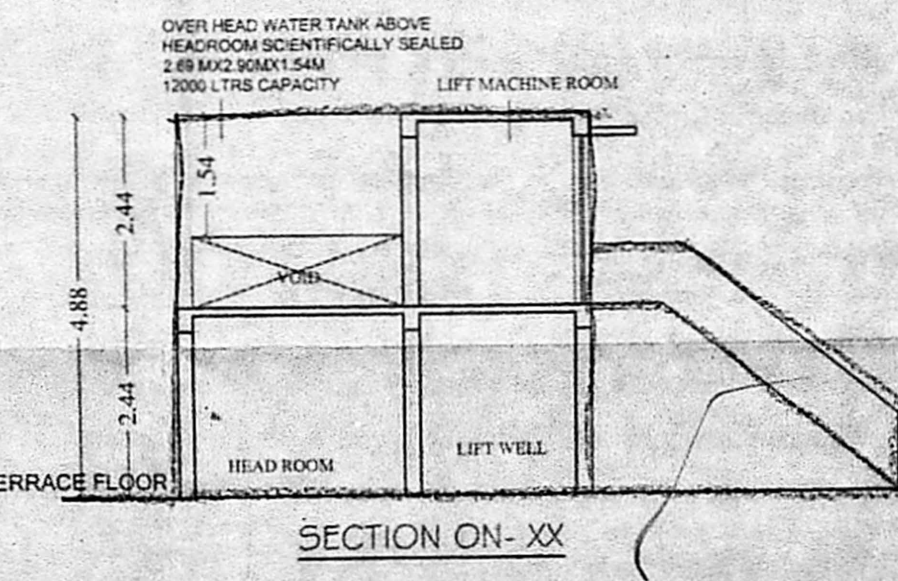
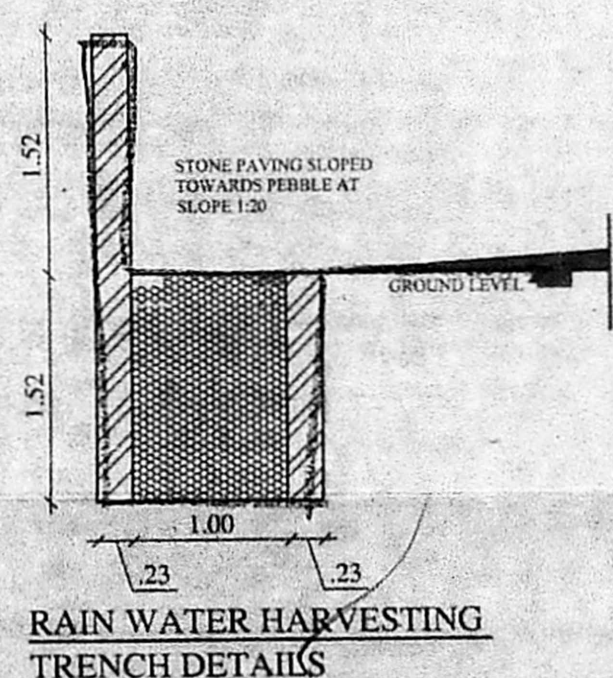
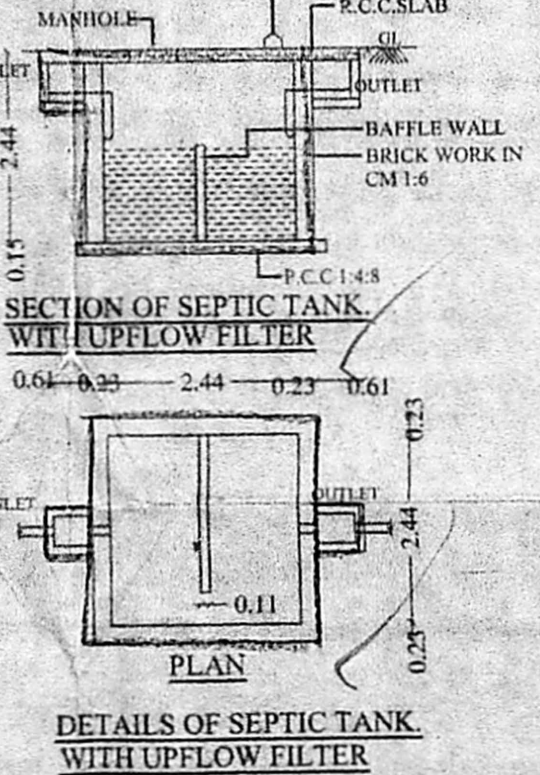
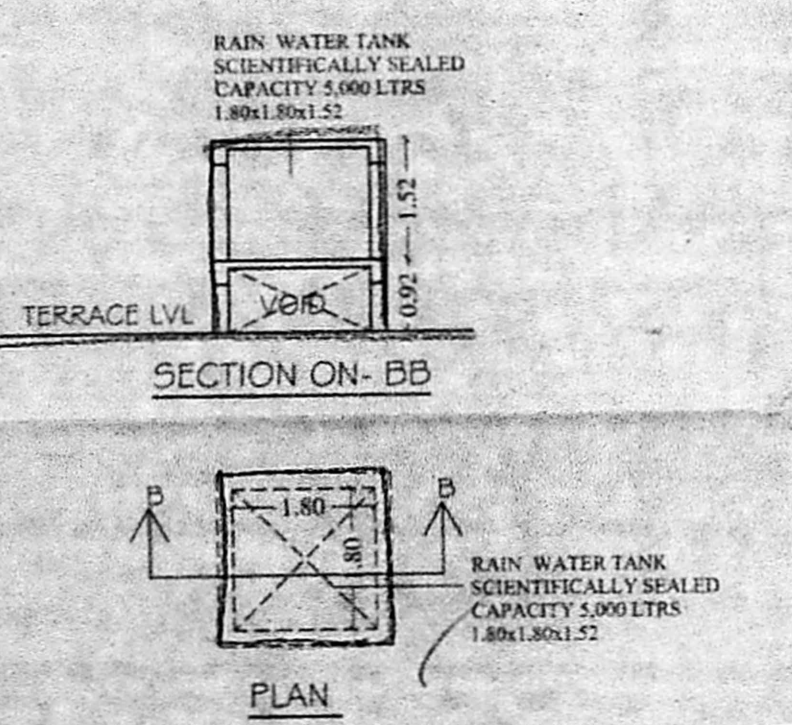
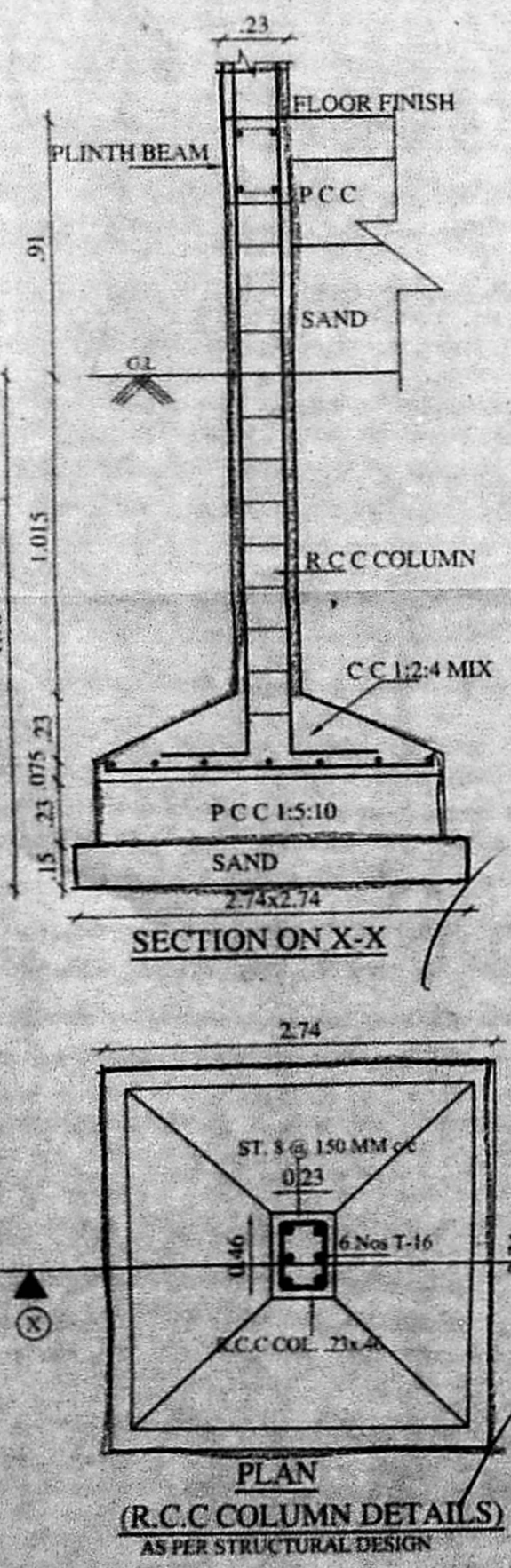
COLOUR INDEX

PROPOSED ROAD

BOUNDARY SEWER

PLAN SHOWING THE PROPOSED RESIDENTIAL FLATS IN PLOT NO :980,982, RAMALINGAM ST, SRINIVASA NAGAR MAIN ROAD, RAM NAGAR NORTH EXTENSION, MADIPAKKAM, CHENNAI - 97. OLD S.NO :72 PART, NEW S.NO :72/2,3, BLOCK-D, MADIPAKKAM VILLAGE, SHOLINGANALLUR TALUK, KANCHEEPURAM DISTRICT, WITHIN GREATER CHENNAI CORPORATION LIMIT DIVISION NO:165 ZONE:XII

SITE CUM STILT FLOOR PLAN
SCALE 1:100



SCALE = 1:100, 1"=80"

BHAGYASHREE R. Arch. M.C.A.
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LICENSED SURVEYOR

APPLICANT

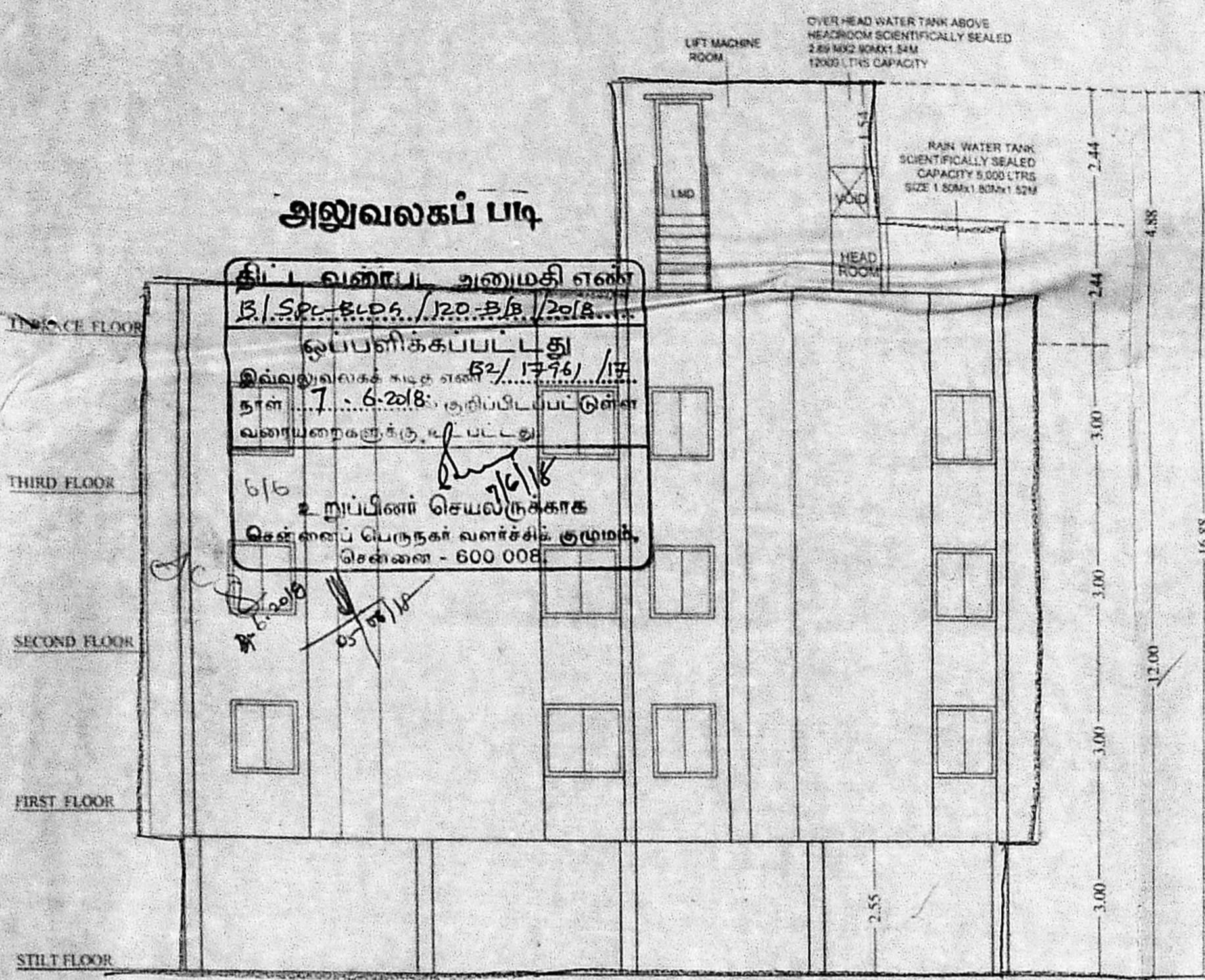
SPECIFICATIONS அலுவலகப் படி

FOUNDATION R.C.C. COL. FOUNDATION OVER P.C.C 1:1.5:10
 FLOORING OVER P.C.C. 1:4:8 WITH VETRIFIED TILES
 W COURSE BK. JELLY TAYD WITH CEMENT MORTAR
 1:4 WITH CEMENT MORTAR FINISH
 S. STRUCTURE B.W IN C.M. 1:5
 ROOF R.C.C. WITH GRADE CONCRETE WITH 4% S.L.
 JOINTS WITH R.C.C. WITH GRADE CONCRETE WITH 4% S.L.

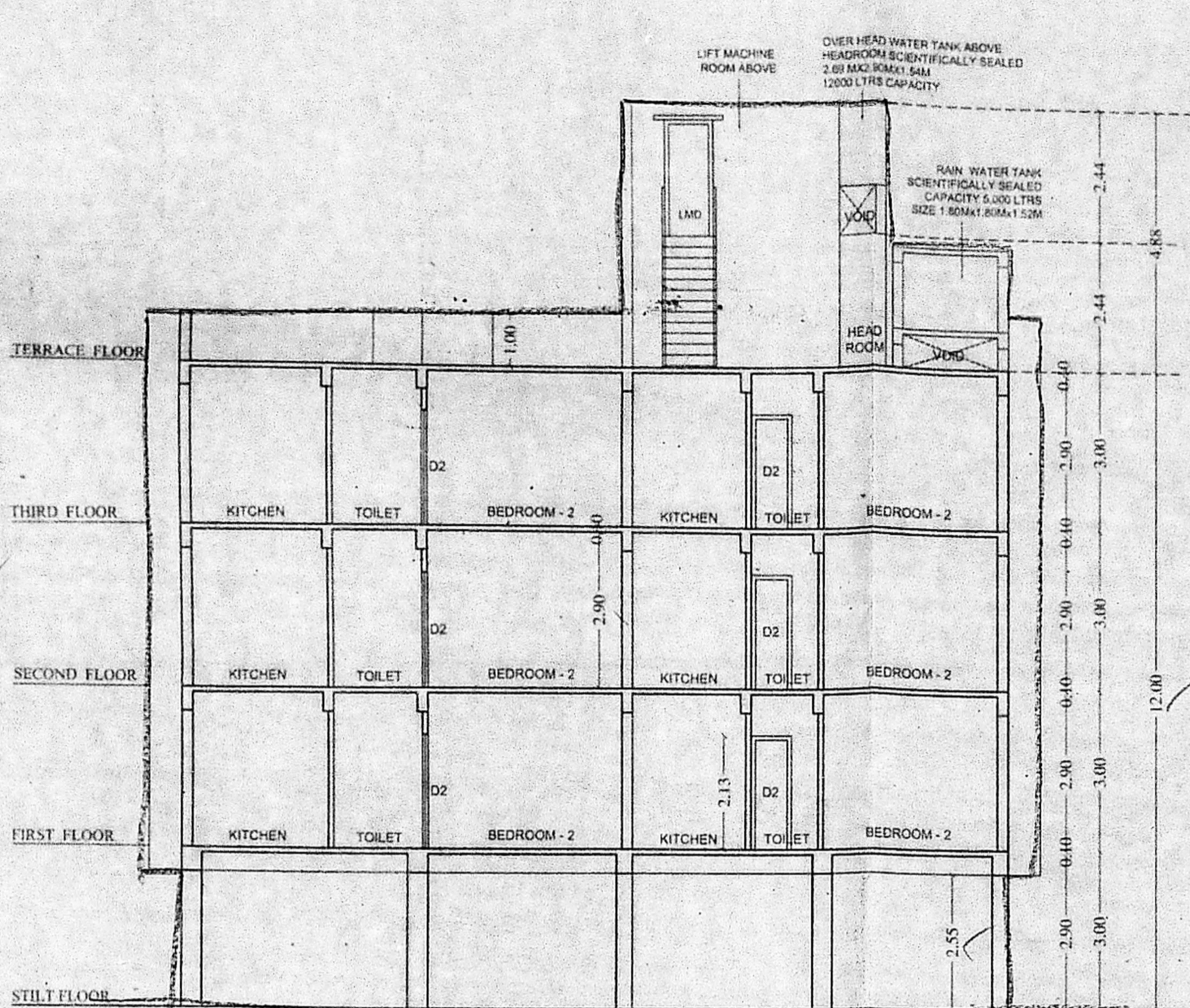
பெயர்: 17/5/2018
 ந. எண்: 82/1796/13
 உதவியாளர்: 05-5-2018

JOINT: திரு. சி. உ.

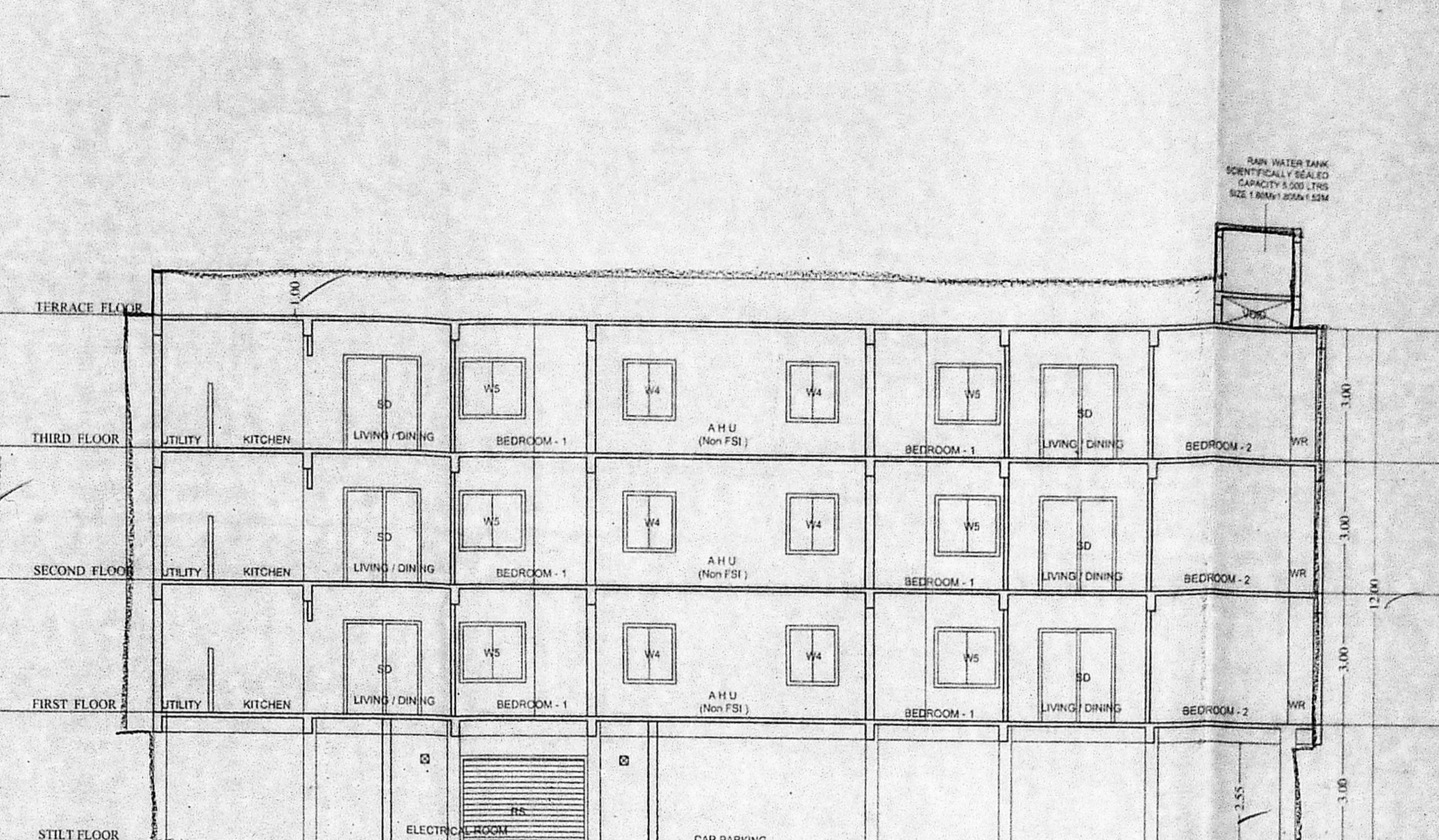
MD	DOOR	1.20x2.13
D	DOOR	1.00x2.13
SD	DOOR	0.91x2.13
SD	SLIDING DOOR	1.80x2.13
W4	WINDOW	1.22x1.37
W5	WINDOW	1.52x1.37
V1	VENTILATOR	0.61 x 0.91
TD	DOOR	0.91x2.13
LMD	DOOR	0.91x2.13



WEST SIDE ELEVATION



SECTION - AA



SECTION - BB

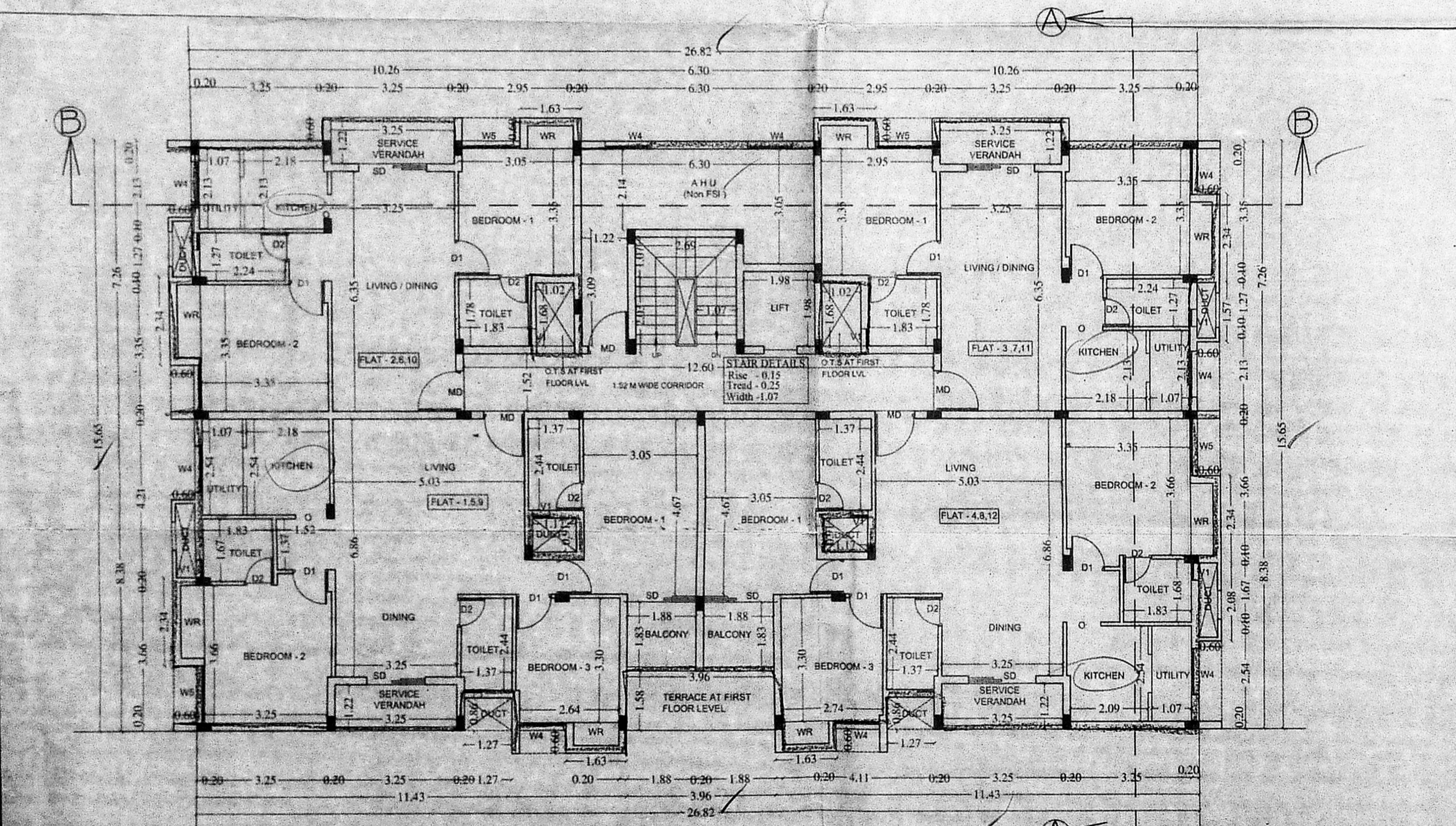
COLOUR INDEX

PROPOSED ROAD
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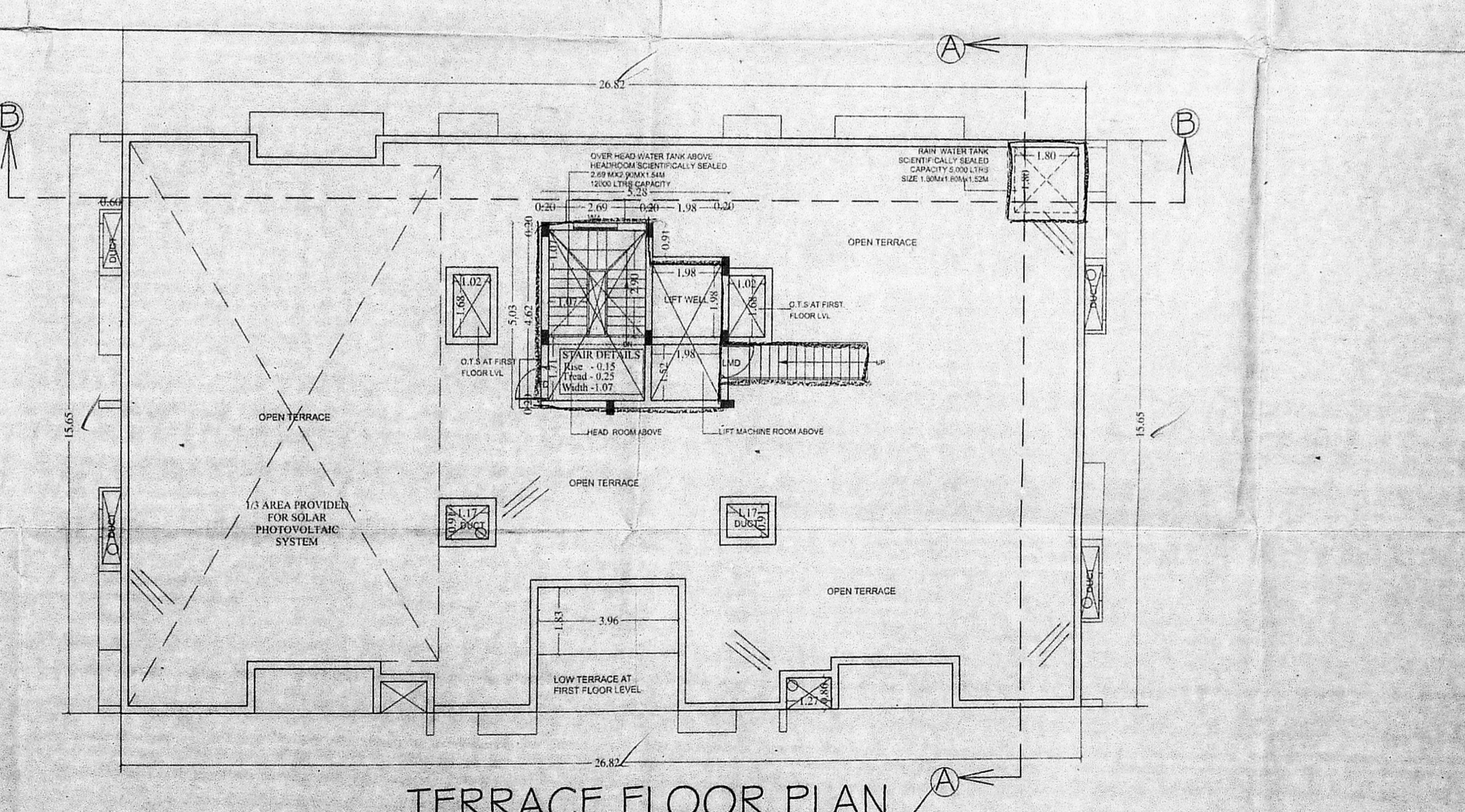
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SCALE = 1:100, 1"=8'0"

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 Chennai-600 044.
 LICENSED Surveyor



TYPICAL FLOOR PLAN (First, Second & Third floor)



TERRACE FLOOR PLAN

APPLICANT