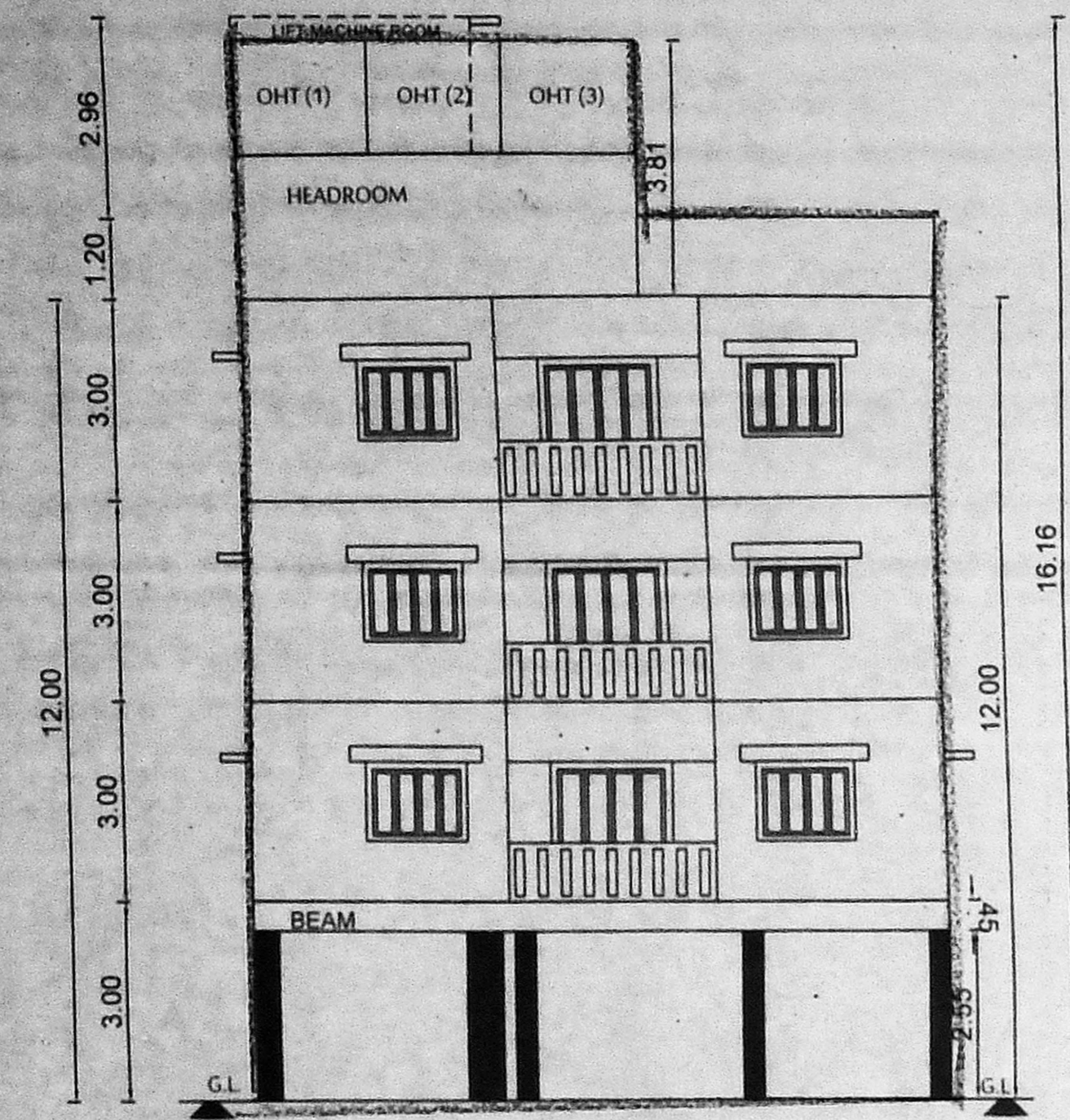
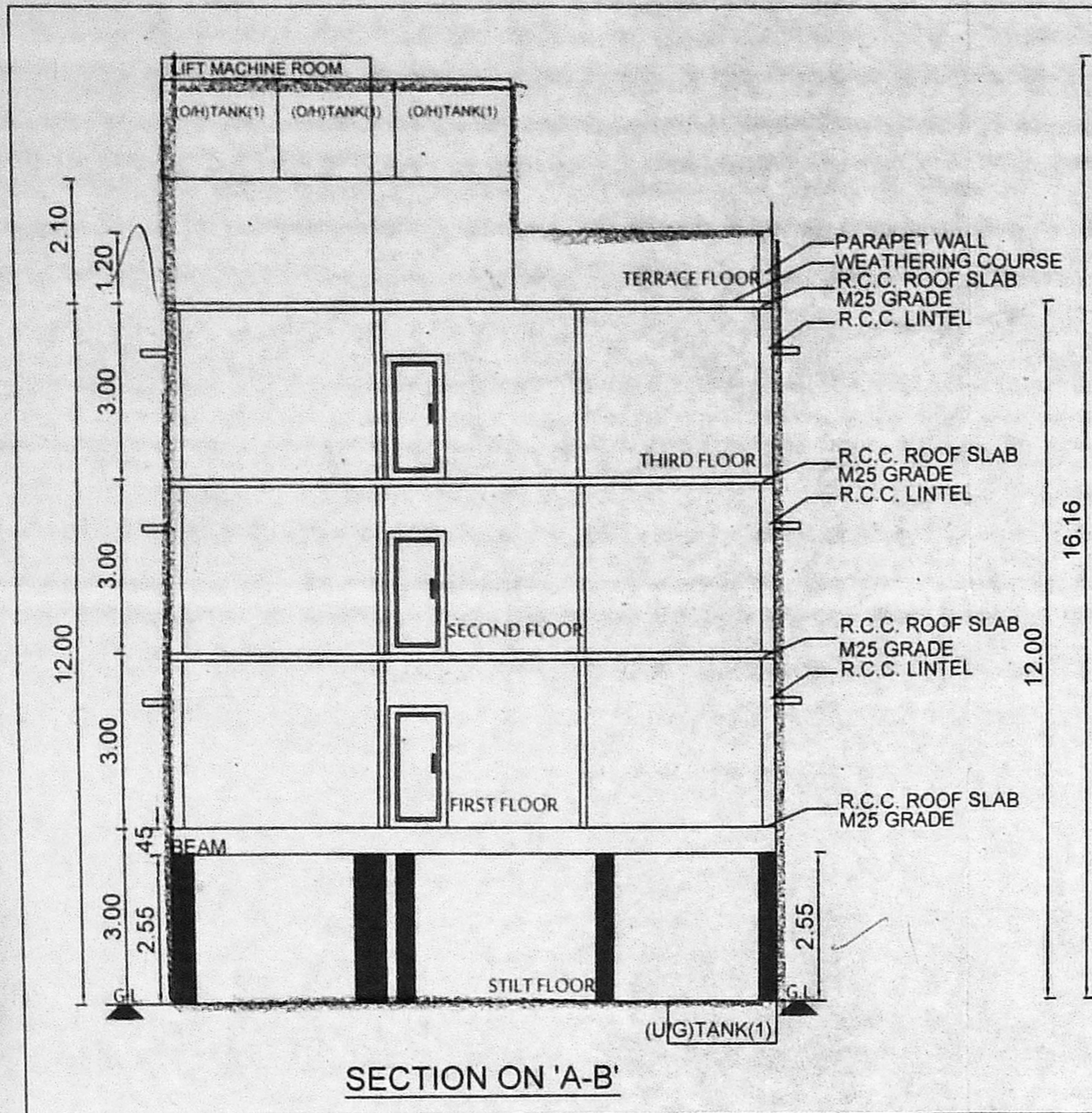


**PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT +3 FLOORS, RESIDENTIAL BUILDING WITH 6 DWELLING UNITS AT PLOT NO: 49, 4th STREET, CHOWDHRY NAGAR, VALASARAVAKKAM, CHENNAI - 87 COMPRISED IN OLD S.NO: 161/1A/2BPT, NEW S.NO:161/1A2A1A4 OF VALASARAVAKKAM VILLAGE, GREATER CHENNAI CORPORATION, ZONE: 11, DIVISION: 152.**

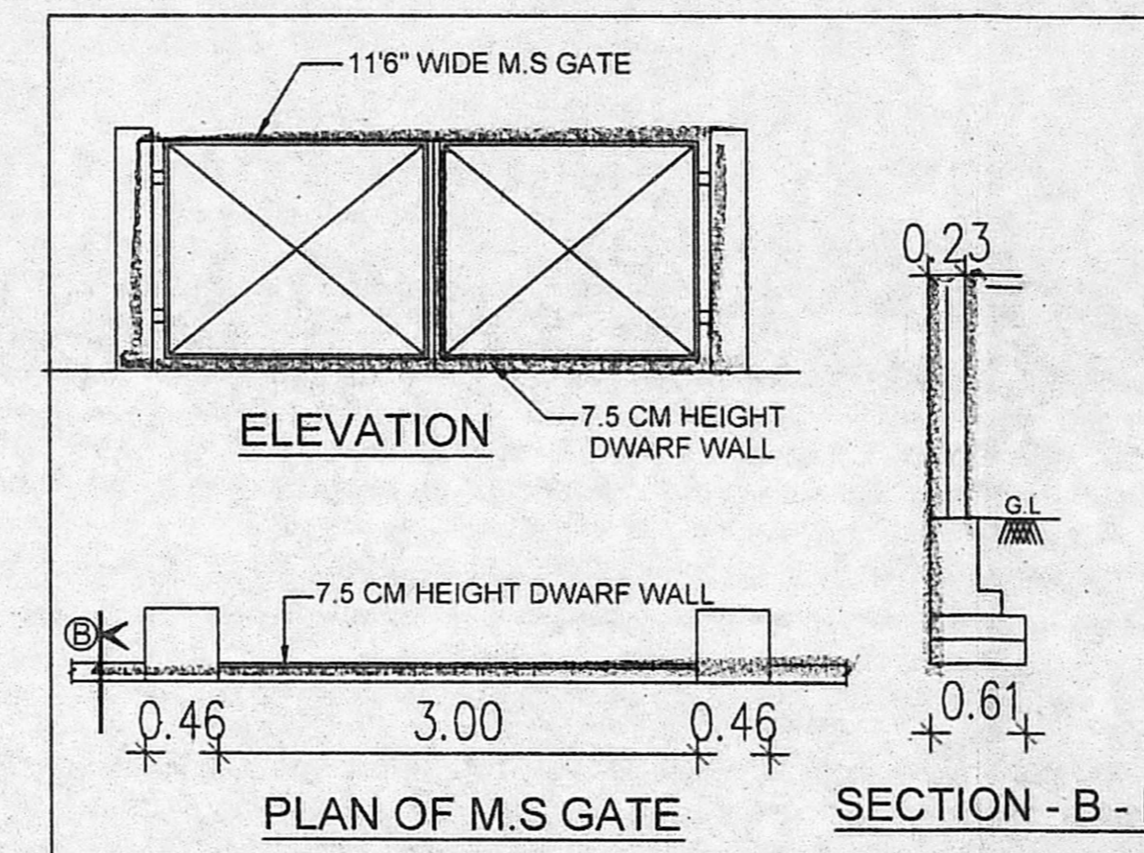
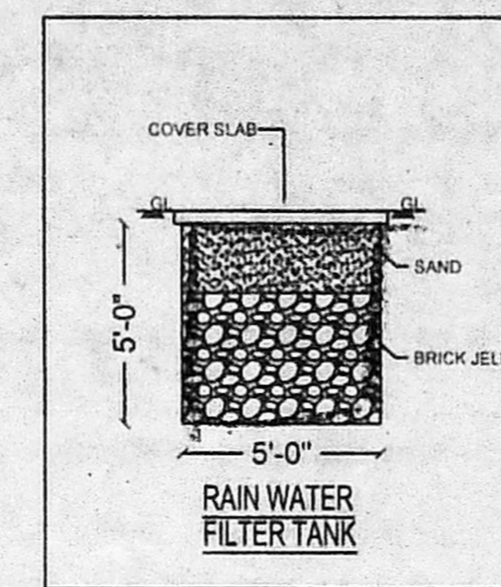
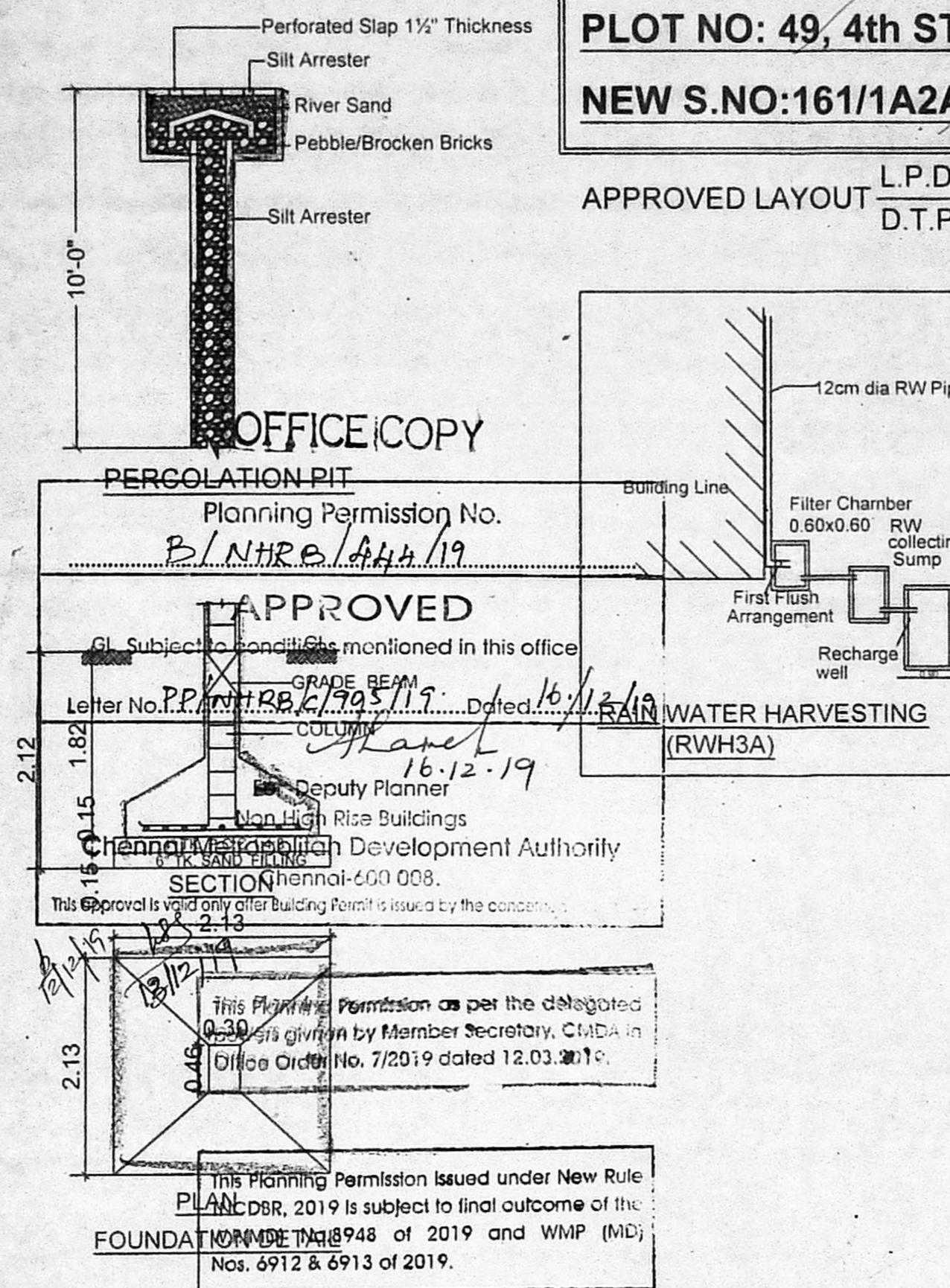
APPROVED L.P.DN NO 39 D.T.P NO 68



FRONT ELEVATION



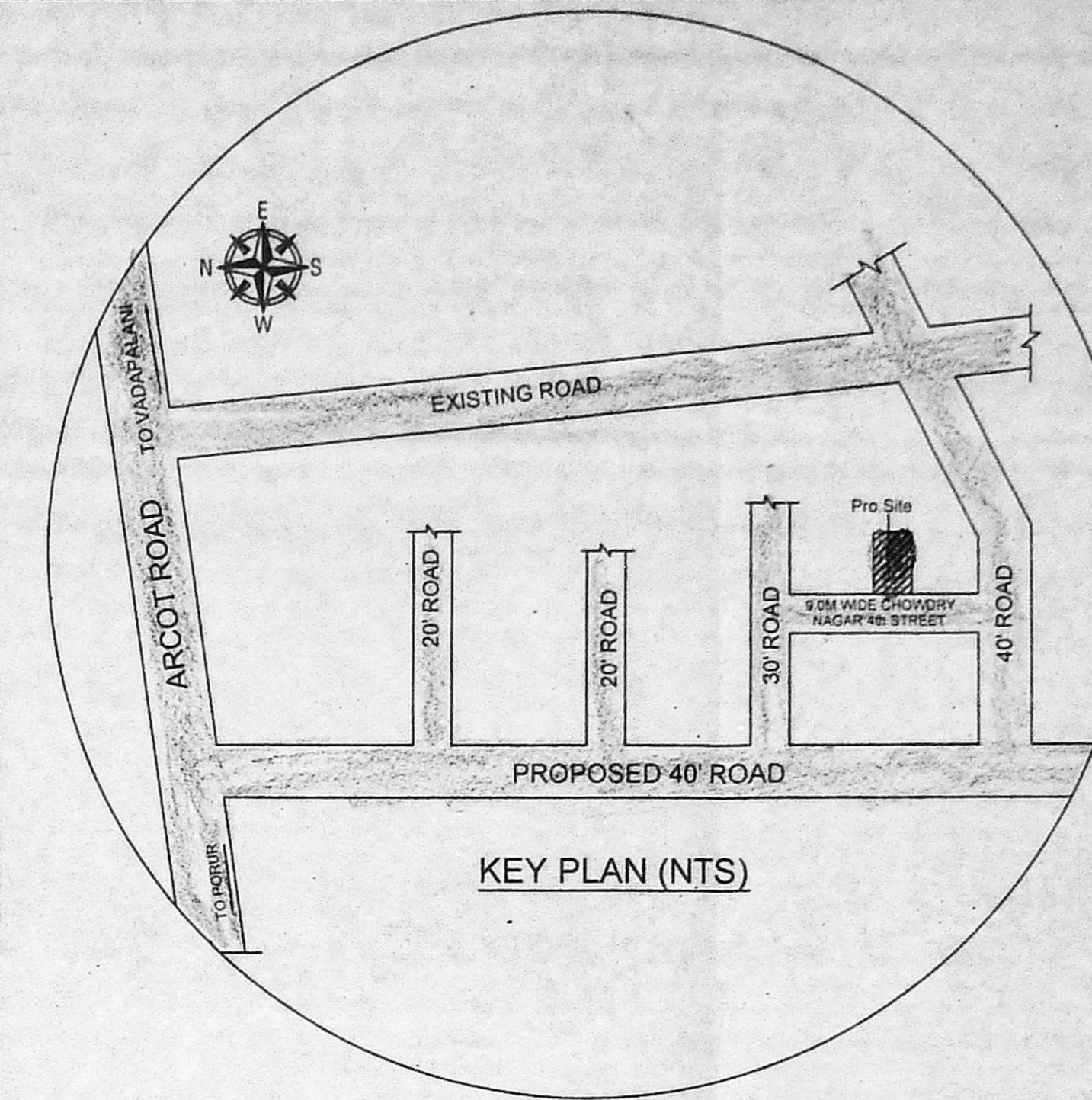
SECTION ON 'A-B'



ELEVATION

PLAN OF M.S. GATE

SECTION - B - B



KEY PLAN (NTS)

JOINERY DETAILS		
MD	DOOR	1.00 x 2.10
D	DOOR	0.90 x 2.10
D1	DOOR	0.76 x 2.10
O	OPENING	0.90 x 2.10
W1	WINDOW	1.30 x 1.20
KW	WINDOW	1.22 x 1.20
FD	FRENCH DOOR	0.91 x 0.60
V	VENTILATOR	0.91 x 0.60

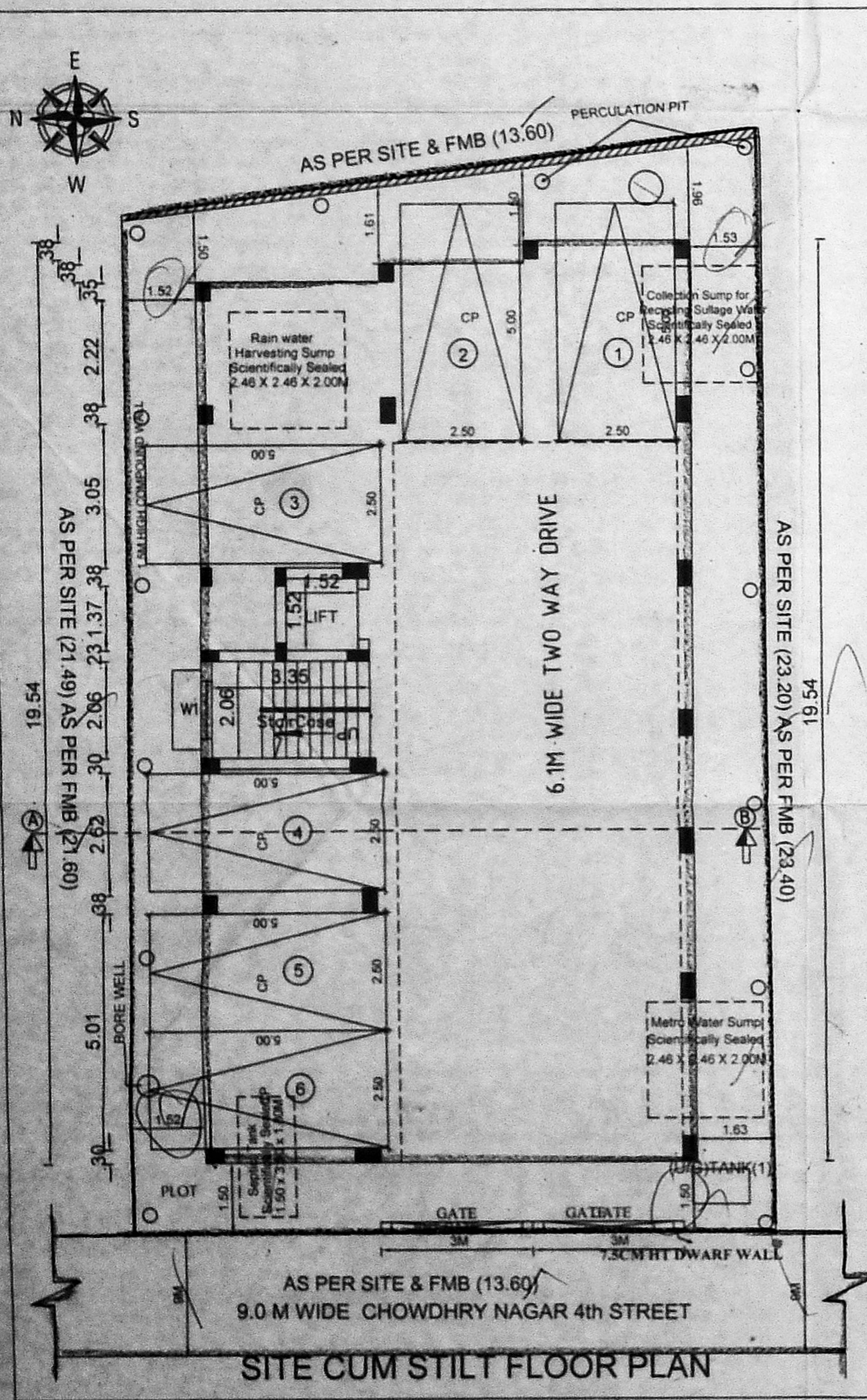
SPECIFICATION	
BRICK WORK	SUPER STRUCTURE WITH WALL USING CM 1:4 MORTAR PARAPET WALL CM 1:4 MORTAR.
WOOD WORK	MAIN DOOR TEAK AND OTHER DOORS KONGU
RCC WORK	MINIMUM GRADE OF CONCRETE M25 (1:1:2)
FLOORING	ALL ROOM CERAMICS TILES FLOORING
PLASTERING WORK	PLASTERING WORK IN C.M. 1:4.
WEATHERING COURSE	WEATHERING COURSE IN BRICK JELLY CONCRETE IN C.M WITH TWO COURSES OF FLAT TILES LAID TO DETAIL

AREA DETAILS		
PLOT AREA DETAILS IN SQ.M		
S.NO.	AS PER PATTA	300.00 SQ.M
2	AS PER DOC.	307.23 SQ.M

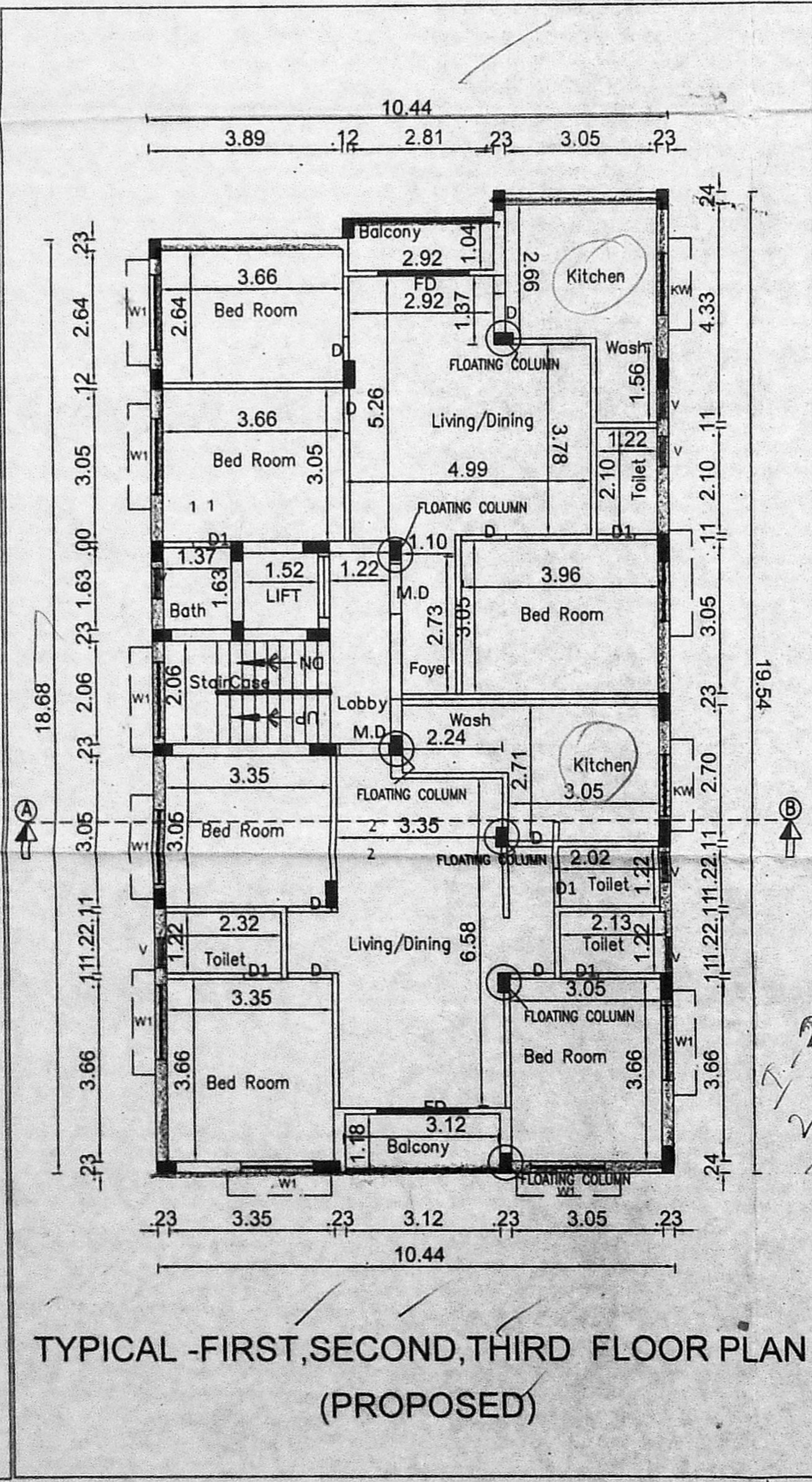
FSI AREA DETAILS IN SQ.M			
S.NO.	FLOOR	DWELLING	F.S.I AREA
1	FIRST FLOOR	2	199.48
2	SECOND FLOOR	2	199.48
3	THIRD FLOOR	2	199.48
4	TOTAL	6	598.44
5	F.S.I		1.995
6	CAR PARKING	Provided - 6	

COLOR INDEX	
PROPOSED	ROAD BOUNDARY

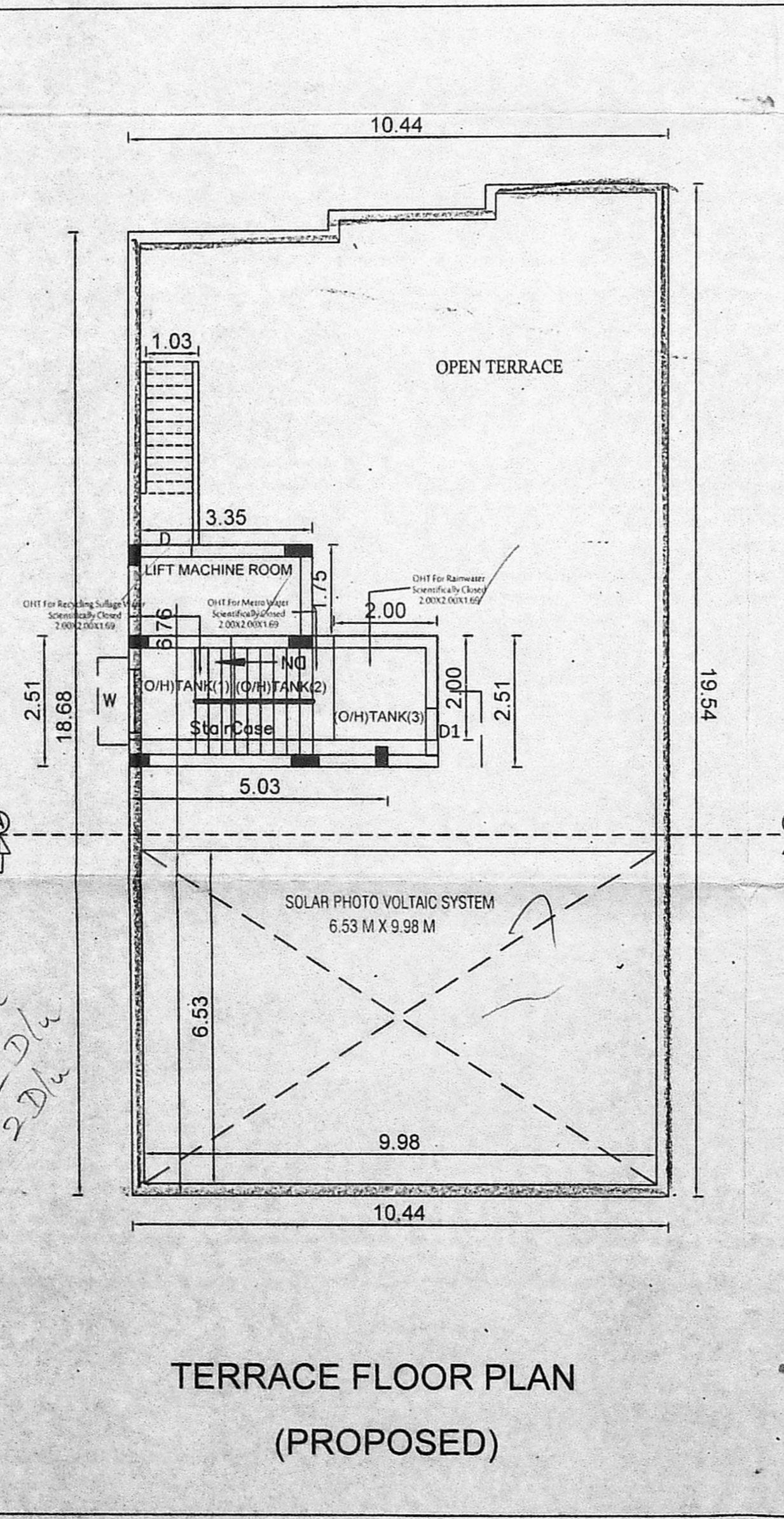
SCALE 1: 100



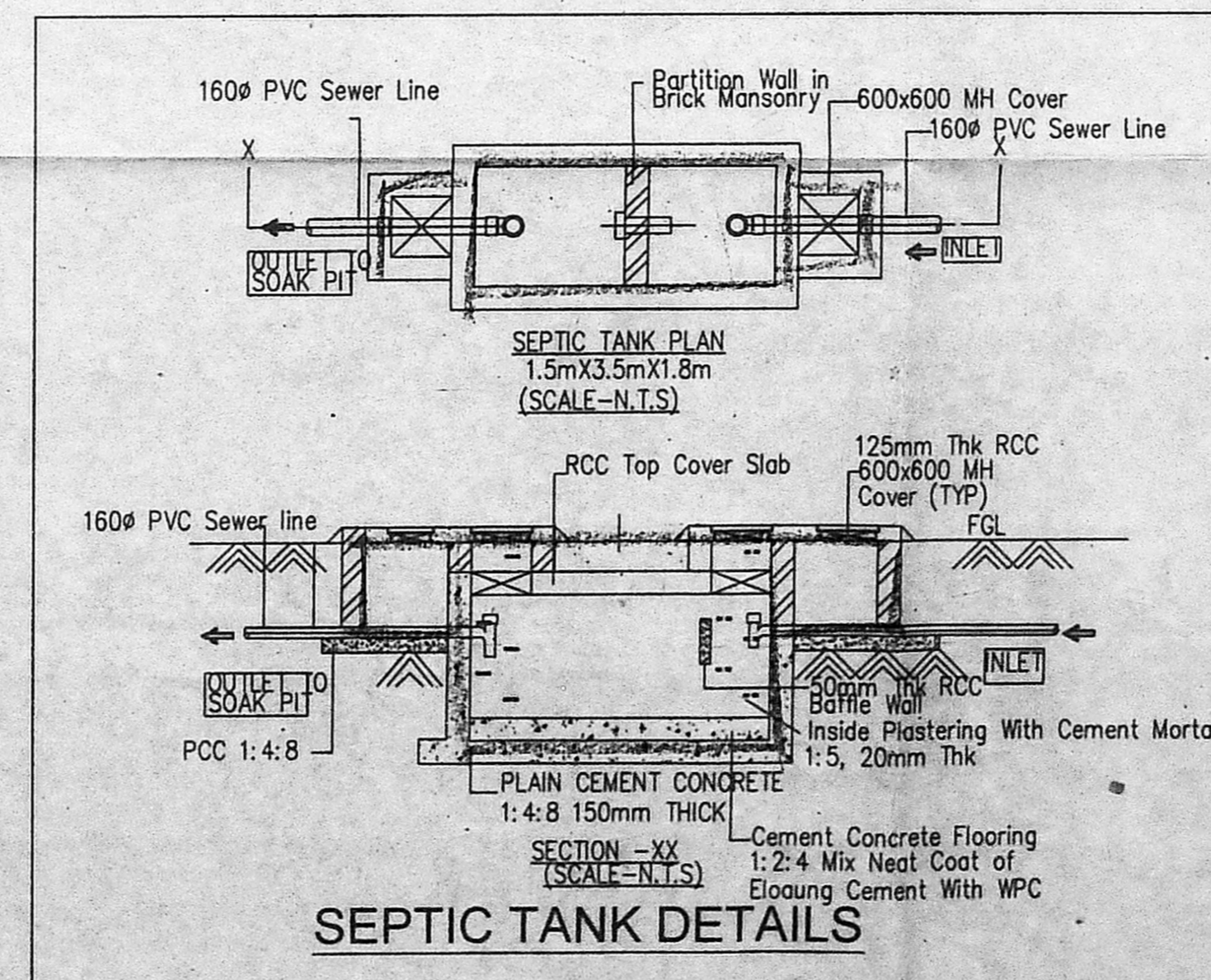
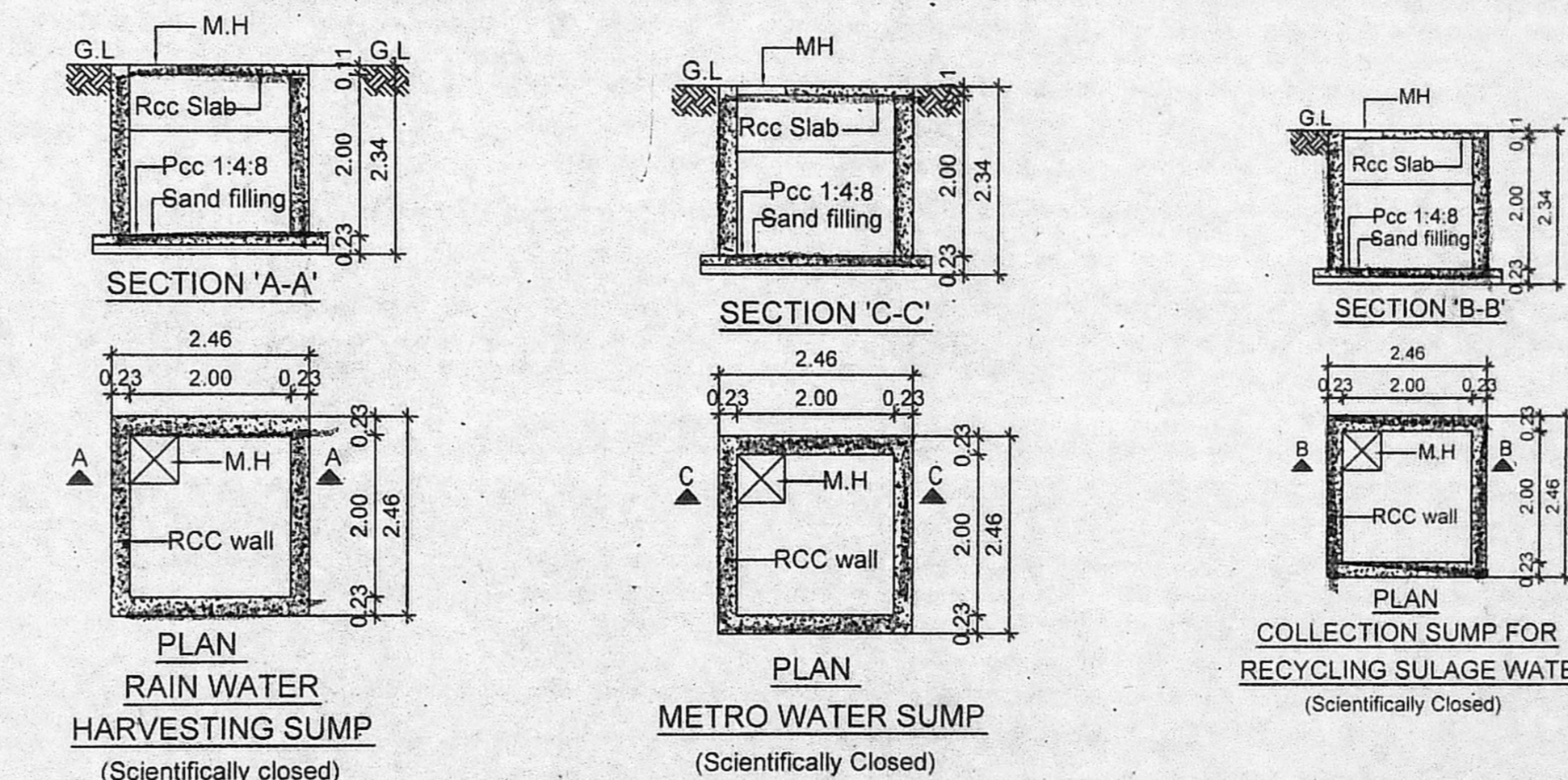
SITE CUM STILT FLOOR PLAN



TYPICAL -FIRST,SECOND,THIRD FLOOR PLAN (PROPOSED)



TERRACE FLOOR PLAN (PROPOSED)



UPFLOW FILTER DESIGN CALCULATION:

NO OF FLATS OR DWELLING	6
5 PERSONS PER FLAT	6 X 5 = 30
NO OF PERSONS	
NO OF USERS	30
ASSUME 2 FIXTURES PER FLAT	30 X 2 = 60 UNITS
PER HOUR DISCHARGE	60 X 6 = 360 LPM
SEPTIC TANK	
SURFACE AREA NEEDED	360 X 0.92 = 33.12 SAY 11 sqm
VOLUME OF SEDIMENTATION	11 X 0.3 = 3.3 cu.m
ASSUMING 0.3M DEPTH	
FOR DEGESTION	30X0.032 = 0.96 cu.m
FOR SLUDGE STORAGE	0.002x365x30 = 21.9 cu.m
FREE BOARD FOR SLUDGE	15 x 0.30 = 4.5 cu.m
SAY	30.6 cu.m
DEPTH = VOLUME / STORAGE	60 / 33 = 1.8M
SIZE OF SEPTIC TANK = 1.5M X 3.5M X 1.8M	
UPFLOW FILTER	
LIQUID DEPTH OF SEPTIC TANK	1.09M
VOLUME	11.0 X 0.045 = 7.20cu.m
UPFLOW FILTER DEPTH	1.09 X 0.3 = 0.79cu.m
ALLOWING 0.3M FREE BOARD	
AREA NEEDED	7.20 / 0.79 = 9.11sqm
SIZE OF UPFLOW FILTER DEPTH = 3.5M X 2.02M	
UPFLOW FILTER NO: 1 = 3.5M X 1.01 X 0.94M	

OWNER

**T. T. SEETHA RAAMAN**  
 LICENSED SURVEYOR & REGISTERED ENGINEER  
 CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY (CMDA)  
 REGISTRATION No: RE/GR-III/19/96/225,  
 No. 81, Power Tower, Arcot Road,  
 Virugambakkam, Chennai - 600 092.  
 Cell: 984237456, 9892410668

LICENSED SURVEYOR