SEPTIC TANK REQUIRMENT

BLDG. No.	DESCRIPTION	FLAT	POPULATION PER UNIT	TOTAL POPULATION (APPRON)	COLD WATER REQUIREMENT (A) FLUSHING LPCD	(A) FLUSHING LPD	(B) DOMESTIC LPCD	(B) DOMESTIC LPD	GROSS WATER REQUIREMENT (A+B) LPD	% FLOW TO SEWER FLUSHING 100% LPD	% FLOW TO SEWER DOMESTIC 85% LPD	TOTAL FLOW LPD	TOTAL REQUIRED CAPACITY KLPD	TOTAL PROVIDED STP TANK CAPACITY KLPD
1	FLATS	37	5	185	54	9990	135	24975	34965	9990	21228.75	31218.75	31.219	TANK 5.00 X 2.50 X3.50 CAP.-31,250 LTRS
TOTAL													31.219	31,250 LTRS

WATER CAPACITY CALCULATION (U. G. WATER TANK RESIDENTIAL UNITS)

BUILDING	FLAT Nos.	REQUIRED DOMESTIC 135 LTRS.	TOTAL DOM. LTRS. (A)	REQUIRED FLUSHING 54 LTRS.	ADDITIONAL TOILET 180 LTR. PER SIT		TOTAL FLUSHING LTRS. (B)	TOTAL LITRES (RES.) (A + B)
1	37	135 X 37 X 5	24975	54 X 37 X 5	9990	0	9990	34965
TOTAL	37		24975		9990	0	9990	34965

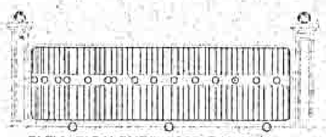
DOMESTIC TANK	SIZE-6.00X3.10X2.00	25.200	25200
FLUSHING TANK	SIZE-2.50X3.10X2.00	10.500	10500
TOTAL PROVIDED WATER CAPACITY			35700

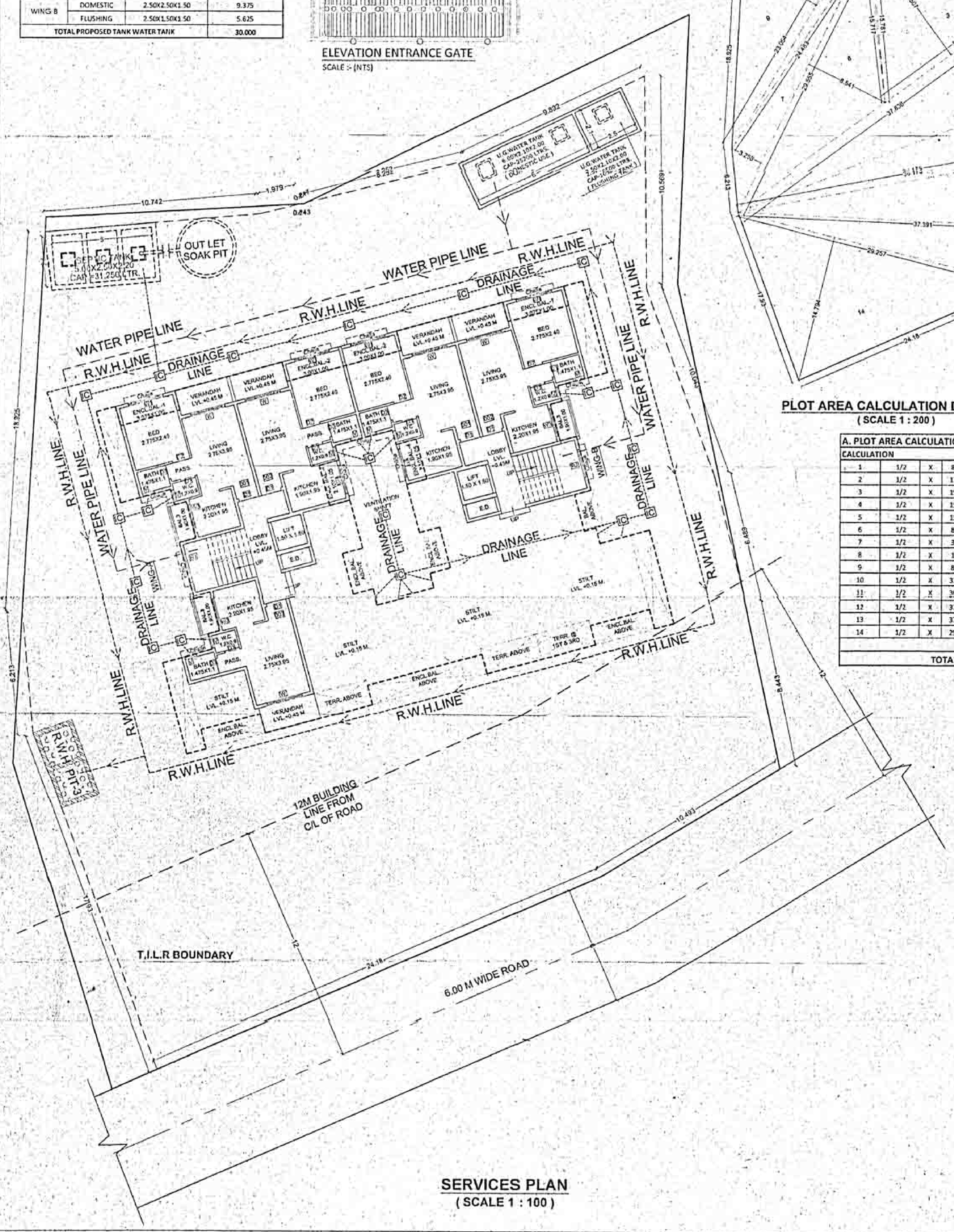
** Parking Requirements (As per Reg. No 16.1, Table No. 07)

Occupancy	One parking space for every	No of Tenements	Non congested required CAR	Non congested required SCOOTER	Non congested required CYCLE	required parking CAR	required parking SCOOTER	required parking CYCLE	Total proposed parking CAR	Total proposed parking SCOOTER	Total proposed parking CYCLE
			12.5	2	0.7	12.5	2	0.7	12.5	2	0.7
			Sq.m	Sq.m	Sq.m	Sq.m	Sq.m	Sq.m	Sq.m	Sq.m	Sq.m
			2.5x5	1x2	0.5x1.4	2.5x5	1x2	0.5x1.4	2.5x5	1x2	0.5x1.4
Residential											
i)Multifamily residential	04 tenements having B.U.Area up to 50 Sq.m	37	0	5	5	0	47	47	0	47	47
TOTAL						0	47	47	0	47	47

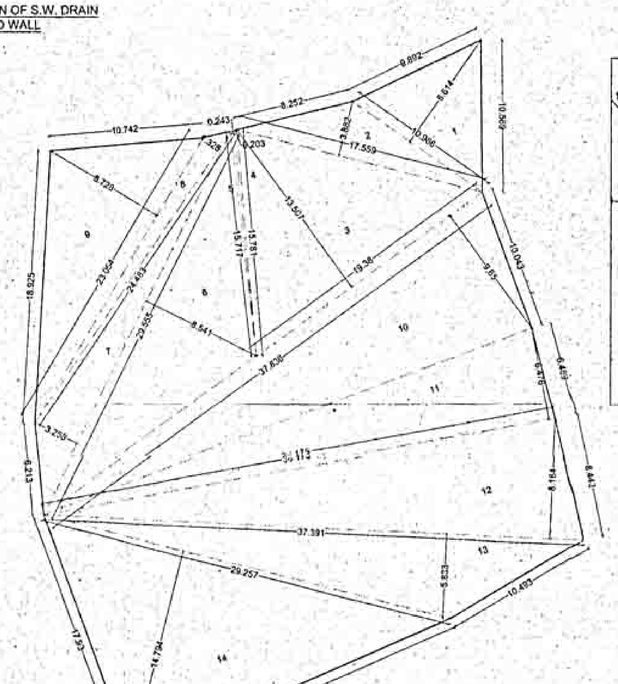
PROPOSED O. H. WATER TANK

WING	TYPE	SIZE (M.)	CAPACITY (LTRS.)
WING-A	DOMESTIC	2.50X2.50X1.50	9.375
	FLUSHING	2.50X1.50X1.50	5.625
WING B	DOMESTIC	2.50X2.50X1.50	9.375
	FLUSHING	2.50X1.50X1.50	5.625
TOTAL PROPOSED TANK WATER TANK			30.000



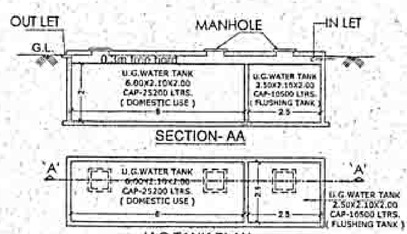


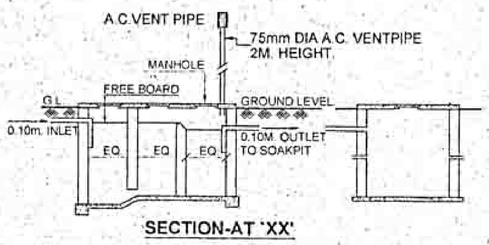
SERVICES PLAN
(SCALE 1 : 100)

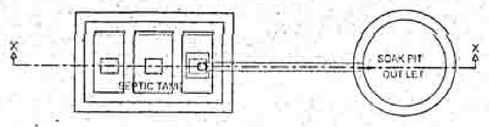


PLOT AREA CALCULATION DIAGRAM
(SCALE 1 : 200)

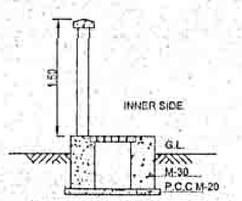
A. PLOT AREA CALCULATION									
CALCULATION									
1	1/2	X	8.614	X	10.986	X	1	=	47.317
2	1/2	X	17.559	X	3.882	X	1	=	34.082
3	1/2	X	19.380	X	13.507	X	1	=	130.883
4	1/2	X	15.781	X	0.203	X	1	=	1.602
5	1/2	X	15.717	X	0.243	X	1	=	1.910
6	1/2	X	8.541	X	29.555	X	1	=	126.215
7	1/2	X	3.258	X	29.555	X	1	=	48.145
8	1/2	X	1.328	X	24.453	X	1	=	16.257
9	1/2	X	8.728	X	23.054	X	1	=	100.606
10	1/2	X	37.836	X	9.650	X	1	=	182.599
11	1/2	X	36.175	X	6.476	X	1	=	117.115
12	1/2	X	37.391	X	8.164	X	1	=	152.630
13	1/2	X	37.391	X	5.833	X	1	=	109.051
14	1/2	X	29.257	X	14.794	X	1	=	216.414
						Total Deductions		=	1284.805
TOTAL PLOT AREA								=	1284.805



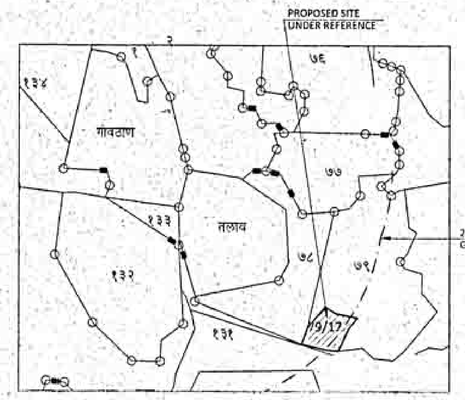




PLAN OF SEPTIC TANK & SOAK PIT
(SCALE-NTS)



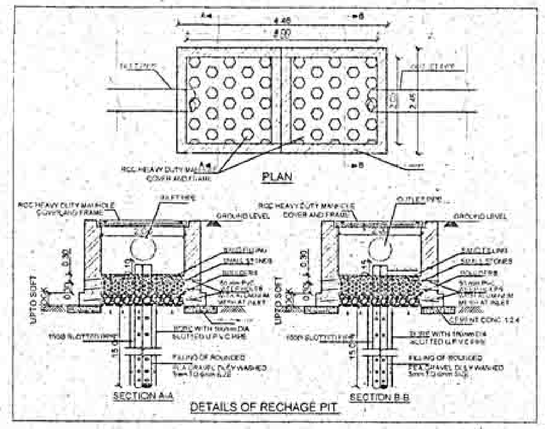
TYPICAL SECTION OF S.W. DRAIN LINE/ COMPOUND WALL
SCALE : NTS

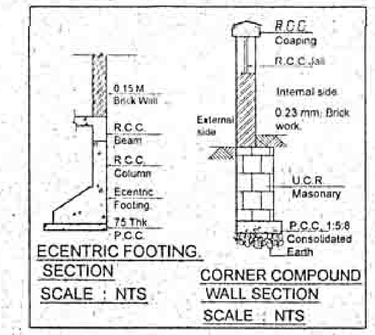


LOCATION PLAN
(SCALE -NTS)

AREA STATEMENT (SQ.MT.)

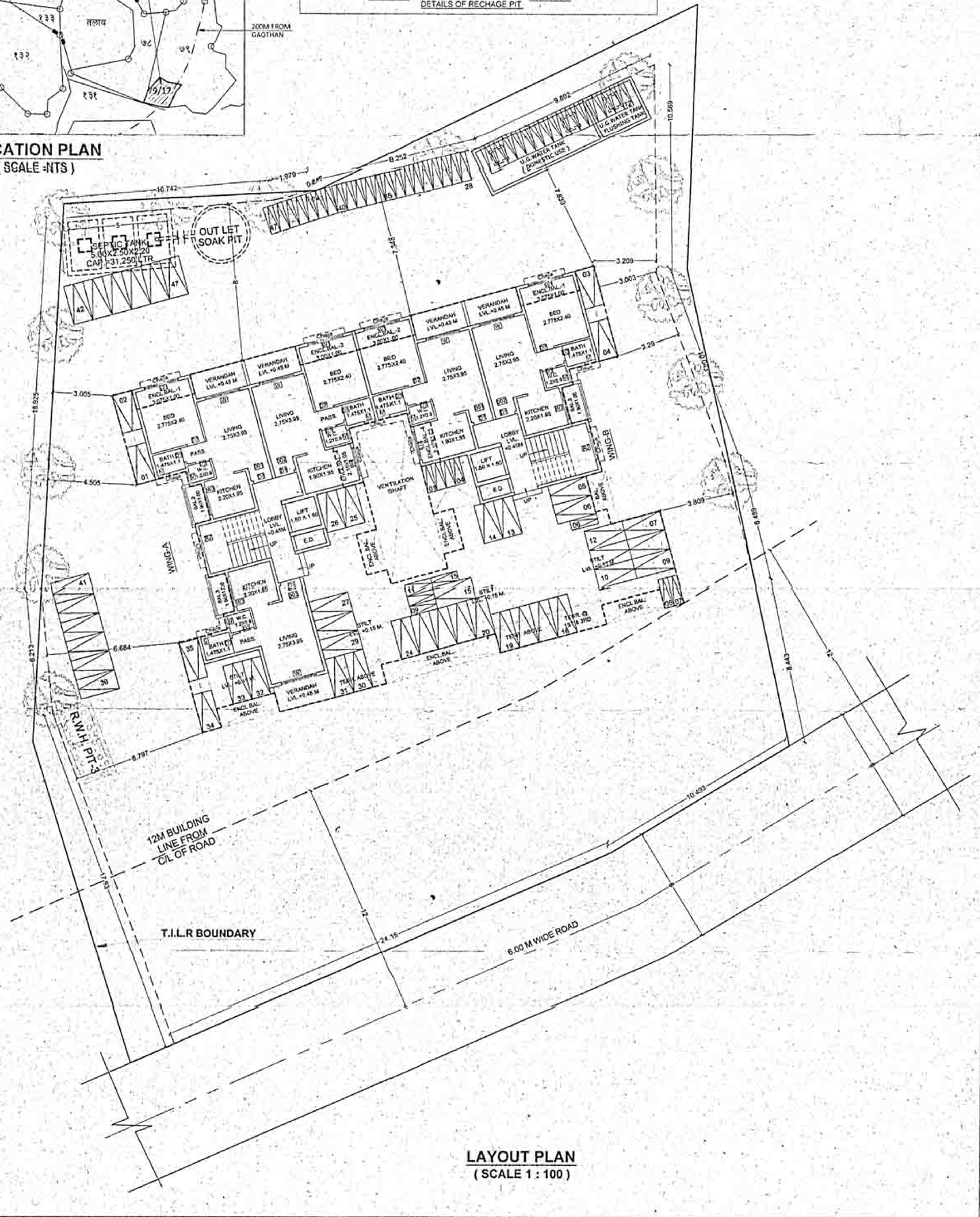
FLOORS	BU. AREA PER FLOOR (A)	PERMISSIBLE BALCONY AREA (B)	PROPOSED BALCONY AREA ENCL. (C)	PARTLY ENCL. (D)	PROJECTED (E)	TOTAL PROPOSED BALCONY AREA F = [C+D+E]	TOTAL EXCESS BALCONY AREA G = F - B	PERMISSIBLE TERRACE AREA (H)	PROPOSED TERRACE AREA (I)	TOTAL PROPOSED BU. AREA J = (A+G)
GROUND	174.600	26.190	16.560	0.000	5.700	22.260	0.000	0.000	0.000	174.600
1ST	268.195	40.229	33.120	0.000	7.600	40.720	0.491	53.639	28.856	268.686
2ND	268.195	40.229	33.120	0.000	7.600	40.720	0.491	53.639	31.248	268.686
3RD	268.195	40.229	33.120	0.000	7.600	40.720	0.491	53.639	28.856	268.686
4TH	268.195	40.229	33.120	0.000	7.600	40.720	0.491	53.639	31.248	268.686
TOTAL	1247.380	187.107	149.040	0.000	36.100	185.140	1.963	214.556	120.208	1249.344





ECCENTRIC FOOTING. SECTION
SCALE : NTS

CORNER COMPOUND WALL SECTION
SCALE : NTS



LAYOUT PLAN
(SCALE 1 : 100)

STAMP OF APPROVAL 1/2

PANVEL MUNICIPAL CORPORATION
Plans are approved subject to the conditions prescribed in the Commencement Certificate
No. PMC/TP/BP/ 0198/2018 Dtd. 16.7.2018
BUILDING COMMENCEMENT IS GRANTED
A. A. SHAIKH
Approved by Hon. Commissioner / Assistant Director of Town Planning / Planning Municipal Corporation / Panvel Municipal Corporation

PROFORMA - I

	AREA STATEMENT	Area In Sq.M.
i	Area Of Plot (as per 7/12)	1250.000
ii	Area Of Plot (as per TILR)	1387.394
iii	Area Of Plot as per Triangulation	1284.805
[A1]	Area Statement For Plot	
1	Area of Plot	1250.000
2	Deductions For	
	a Proposed Road	0
	b Area Under Existing Structure	NIL
	c Area Under Reservations, If any	N.A.
	Total (a+b+c)	0.000
3	Gross Plot Area (1 - 2)	1250.000
4	Net Area Of Plot	1250.000
5	Permissible FSI	1.00
6	Permissible Built up Area (4x5)	1250.000
7	Proposed Built Up Area	1249.344
8	Balance Built Up Area (6-7)	0.656
9	FSI Consumed (7/4)	0.999
10	FSI Balanced (5-9)	0.001
11	No Of Units Proposed	
	a Residential	37
	b Commercial	0
12	No of Trees Proposed To be Planted	13
[B]	Balcony Area Statement *	Refer Table
[C]	TDR	NA
[D]	Parking Statement **	Refer Table
[E]	Loading / Unloading Spaced	NA

No		Colouring on Plan
1	Plot Line	Thick Black
2	Existing Street	Green
3	Proposed Work	Red
4	Drainage & Sewerage Work	Red Dotted
5	Residential Open Space	Green Hatch
6	R.W.H. Line	Blue Dotted
7	Water Supply Work	Black Dotted Thin

CONTENTS OF SHEET

Location Plan
Layout Plan
Services Plan
Plot Area Calculation Diagram
Area Statement
Parking Statement
Tenement Area Statement
Septic Tank & Soakpit Section
Details Of U.G. Tank
Entrance Gate Details
Typical Section Of S.W. Drain Line / Compound Wall
Eccentric Footing Section
Details of R.W.H. Tank &Recharge Pit
Required Water Cap. Calculation
Septic Tank Cap. Calculation
Legends

CERTIFICATE OF AREA

Certified that the open plot without boundaries, under reference was surveyed on 21/03/2017 as shown by client and the dimensions of side etc. of plot stated on plan are as measured on site as per the survey plan given by the licensed surveyor and the area so worked out tallies with the area stated in document of ownership/T.P. Scheme Record/ Land Records Department /city survey record.

AN ARCH Architect & Planner

Signature of Surveyor

Signature of Architect.
AR. NEHA JAIN
(REG NO : CA/2008/43603)

NAME OF THE OWNER & SIGNATURE

DESCRIPTION OF PROPOSAL & PROPERTY

PROPOSED RESIDENTIAL BUILDING ON SURVEY NO.-70/17
AT VILLAGE - TALOJE MAJKUR,
TAL - PANVEL, DIST - RAIGAD.

ARCHITECT NAME & SIGN

AN ARCH Architect & Planner

AR. NEHA JAIN
REG NO : CA/2008/43603

DATE	DRAWN BY	CHKD. BY	SCALE	NORTH
02-07-18	Rajeshree	Gharat	AS SHOWN	N

DESIGN WITH A DIFFERENCE

AN ARCH
ARCHITECT & PLANNER
Office no 2nd 21, Rohan Arcade, Sec-11, Near no 6 CIDCO, Belapur-400614,
mail id:-arch.architect@gmail.com