TO GHOT

TO PENDHAR V R NO. 23

GHOT CAMP INTERNAL ROAD

6M WIDE ROAD

Entry

4.50 M WIDE PATHWAY

9.00 M WIDE INTERNAL ROAD

SUBSTATION 7.50X5.0 M

BUILDING NO.1

BUILDING NO.2

BUILDING NO.3

BUILDING NO.4

R.G. - 2 498.519 SQM

R.G. 400.648 SQM

WATER PIPE LINE

ELEVATION OF GATE SCALE - N.T.S.

SECTION OF COMPOUND WALL SCALE - N.T.S.

SECTION THROUGH RAIN WATER HARVESTING WELL

U.G. TANK SECTION SCALE - N.T.S.

SEPTIC TANK & SOAK PIT DETAILS (SECTION A-A) SCALE - N.T.S.

SEPTIC TANK & SOAK PIT DETAILS(PLAN) SCALE - N.T.S.

GROUND LAYOUT PLAN SCALE = 1 : 200

PLOT AREA DIAGRAM Scale - 1:800

R.G. 1 AREA DIAGRAM Scale - 1:100

R.G. 2 AREA DIAGRAM Scale - 1:100

PLOT UNDER REFERENCE

LOCATION PLAN SCALE - N.T.S.

U.G. WATER CAPACITY CALCULATION

BUILDING NO	TOTAL FLATS	REQUIRED DOMASTIC 180 LITERS (DOMASTIC 135 + FLUSHING 54)	ADDITIONAL TOILETS 135 LITER PER TOILET	TOTAL LITERS
1 TO 4				
TOTAL	144	144 X 1.5 X 180	60 X 180	146880
TOTAL	144	TOTAL REQUIRED CAPACITY		146880

PROPOSED U.G. WATER CAPACITY CALCULATION

TANK - 1	SIZE - 8.00 X 5.00 X 2.50	100000 LITERS
TANK - 2	SIZE - 8.00 X 5.00 X 2.50	100000 LITERS
TOTAL PROPOSED U.G. WATER CAPACITY		200000 LITERS

PROPOSED OVERHEAD WATER TANK CALCULATION

BUILDING NO 1		
A WING	4.500 X 2.340 X 3.250	24008.000 LITERS
B WING	4.500 X 2.340 X 3.251	24008.000 LITERS
C WING	4.500 X 2.340 X 3.252	24008.000 LITERS
BUILDING NO 2		
A WING	4.500 X 2.340 X 3.250	24008.000 LITERS
B WING	4.500 X 2.340 X 3.251	24008.000 LITERS
C WING	4.500 X 2.340 X 3.252	24008.000 LITERS
D WING	4.500 X 2.340 X 3.253	24008.000 LITERS
E WING	4.500 X 2.340 X 3.254	24008.000 LITERS
F WING	4.500 X 2.340 X 3.255	24008.000 LITERS
BUILDING NO 3		
	4.500 X 2.340 X 3.252	24008.000 LITERS
BUILDING NO 4		
	4.500 X 2.340 X 3.250	24008.000 LITERS
TOTAL OVER HEAD WATER TANK CAPACITY		256080.000 LITERS

BUILT UP AREA STATEMENT

FLOORS	BUILDING NO 1	BUILDING NO 2	BUILDING NO 3	BUILDING NO 4
	B.U. AREA	B.U. AREA	B.U. AREA	B.U. AREA
GROUND FLOOR	43.152	83.307	13.546	13.546
1ST FLOOR	359.594	816.959	285.425	285.425
2ND FLOOR	359.594	816.959	285.425	285.425
3RD FLOOR	359.594	816.959	285.425	285.425
TOTAL	1221.934	2533.172	869.819	869.819
GRAND TOTAL	5494.744			
EXCESS BAL	51.417	134.799	7.099	7.099
TAKEN IN FSI				
GRAND TOTAL	1273.351	2667.911	876.918	876.918
NET B.U. AREA	5667.098			

PLOT AREA CALCULATION

Sr. No.		BASE	HEIGHT	TOTAL
1	0.500	74.972	36.423	1365.353
2	0.500	111.56	23.919	1334.202
3	0.500	111.56	11.651	649.893
4	0.500	93.358	9.111	425.292
5	0.500	109.731	19.248	1056.051
6	0.500	109.731	18.374	1008.099
7	0.500	86.428	10.486	453.142
8	0.500	77.891	9.773	380.614
9	0.500	68.136	6.418	212.236
10	0.500	59.675	3.206	96.140
11	0.500	57.036	10.894	310.675
12	0.500	50.972	21.522	548.310
TOTAL				7840.201

PLOT AREA DETAILS

SURVEY / GUTNO	PLOT AREA as per 7/12 extract
1 / 3	1420.00
1 / 4	810.00
1 / 5	3140.00
1 / 7	2930.00
TOTAL	8300.00

R.G. AREA CALCULATIONS

R.G. Calculation (RG-1)

Sr. No.		Base	Height	TOTAL
1	0.500	29.313	8.611	83.152
2	0.500	17.699	10.673	94.131
3	0.500	20.500	3.598	36.880
4	0.500	18.093	17.809	170.014
5	0.500	19.375	3.700	16.469
TOTAL (R.G. 1) AREA (A)				400.645

R.G. Calculation (RG-2)

Sr. No.		Base	Height	TOTAL
ADDITIONS				
1	0.500	11.541	2.363	13.636
2	0.500	11.541	4.288	24.744
3	0.500	14.895	3.090	23.013
4	0.500	17.818	11.717	104.382
5	0.500	19.713	6.123	60.351
6	0.500	23.573	4.613	54.371
7	0.500	23.573	12.226	144.102
8	0.500	13.542	2.120	14.355
TOTAL ADDITIONS (B)				438.958
DEDUCTIONS				
9	2/3	4.950	1.025	3.383
10	2/3	6.380	0.382	1.625
TOTAL DEDUCTIONS (C)				5.007
TOTAL (R.G. 2) AREA (D)				433.951
TOTAL R.G. AREA (RG 1 + RG 2)				834.595

PARKING STATEMENT **

Tenement size	No of tenements	Require parking rate	Required no of parking space			Proposed no of parking space		
			no of cars	no of scooter	no of cycle	no of cars	no of scooter	no of cycle
UP TO 50 SQMT.	192	(a) 4 Tenements having built-up area upto 50 Sq. M.	0	5	5	0	240	240
TOTAL			0	240	240	0	240	240
			0	240	240	0	240	240

REQUIREMENT FOR SEPTIC TANK

SR. NO.	DESCRIPTION	POPULATION PER UNIT	TOTAL POPULATION (APPROX)	COLD WATER REQUIRMENT FLUSHING		COLD WATER REQUIRMENT DOMESTIC		GROSS WATER	% FLOW TO SEWER FLUSHING	% FLOW TO SEWER DOMESTIC	TOTAL FLOW	TOTAL REQUIRE
				A		B		A+B	100%	80%		D
				LPD	LPD	LPD	LPD	LPD	LPD	LPD	LPD	85/PP
11	192 FLATS	5	960	45	43200	90	86400	129600	43200	78840	116640	116.640
PROPOSED SEPTIC TANK												140.000

PROFORMA - I

		AREA STATEMENTS	SQM
A	1)	AREA OF PLOT	
	i)	AS PER 7/12 EXTRACTS	8300.000
	ii)	AS PER TRANGULATIONS	7840.201
	iii)	Area of plot considered (least I & II)	7840.201
	2)	Deductions for	
		a)Road Acquisition Area	0.000
		b)Proposed Road	0.000
		c)Any Reservation	0.000
		Total (a+b+c)	0.000
	3)	Gross Area of Plot (1 - 2)	7840.201
	4)	Deduction for Amenity Space	N.A.
	5)	Permissible RG 10% of 1-i	830.00
	6)	Proposed RG	834.595
	7)	Net Area of Plot	7840.201
	8)	Addition of Area for F.S.I.	0.000
	9)	Total Area (5 + 6)	7840.201
	10)	Normal F.S.I. Permissable	1.00
	11)	Permissable Built up Area	7840.201
	12)	Existing Built up Area	0.000
	13)	Proposed Built up Area	5687.098
	14)	Total Built Up Area (10 + 11)	5687.098
	15)	Balance Built Up Area (9 - 13)	2153.103
	16)	F.S.I. Consumed (13 / 7)	0.725
B		BALCONY AREA STATEMENT	*
C		TDR	-
	a)	Permissable	-
	b)	Proposed to be utilised	-
D		PARKING STATEMENT	**

TERRACE AREA STATEMENT

BUILDING NO 1

FLOOR	PERMISSIBLE TERRACE AREA IN SQM	PROPOSED TERRACE AREA SQM
1ST Floor	78.719	56.766
2ND Floor	78.719	64.370
3RD Floor	78.719	56.766
TOTAL	236.157	178.901

BUILDING NO 2

FLOOR	PERMISSIBLE TERRACE	PROPOSED TERRACE AREA
1ST Floor	163.391	119.684
2ND Floor	163.391	93.019
3RD Floor	163.391	119.684
TOTAL	490.173	320.387

BUILDING NO 3

FLOOR	PERMISSIBLE TERRACE	PROPOSED TERRACE AREA
1ST Floor	57.085	38.595
2ND Floor	57.085	34.175
3RD Floor	57.085	38.595
TOTAL	171.255	111.365

BUILDING NO 4

FLOOR	PERMISSIBLE TERRACE	PROPOSED TERRACE AREA
1ST Floor	57.085	38.595
2ND Floor	57.085	34.175
3RD Floor	57.085	38.595
TOTAL	171.255	111.365
GRAND TOTAL	1068.840	681.127

BALCONY AREA STATEMENT *

BUILDING NO 1

FLOOR	PERMISSIBLE BALCONY	PROPOSED BAL. ENCL. BAL	PROJECTED BAL.	TOTAL PROPOSED BALCONY AREA	EXCESS BALCONY TAKEN IN FSI
1ST Floor	99.089	44.186	31.980	76.178	17.139
2ND Floor	99.089	44.186	31.980	76.178	17.139
3RD Floor	99.089	44.186	31.980	76.178	17.139
TOTAL	377.113	132.594	95.940	228.534	51.417

BUILDING NO 2

FLOOR	PERMISSIBLE BALCONY	PROPOSED BAL. ENCL. BAL	PROJECTED BAL.	TOTAL PROPOSED BALCONY AREA	EXCESS BALCONY TAKEN IN FSI
1ST Floor	122.540	103.013	61.110	164.123	41.580
2ND Floor	122.540	103.013	61.110	164.123	41.580
3RD Floor	122.540	103.013	61.110	164.123	41.580
TOTAL	367.629	309.038	183.330	492.368	124.739

BUILDING NO 3

FLOOR	PERMISSIBLE BALCONY	PROPOSED BAL. ENCL. BAL	PROJECTED BAL.	TOTAL PROPOSED BALCONY AREA	EXCESS BALCONY TAKEN IN FSI
1ST Floor	42.814	30.990	14.190	45.180	2.366
2ND Floor	42.814	30.990	14.190	45.180	2.366
3RD Floor	42.814	30.990	14.190	45.180	2.366
TOTAL	128.442	92.970	42.570	135.540	7.099

BUILDING NO 4

FLOOR	PERMISSIBLE BALCONY	PROPOSED BAL. ENCL. BAL	PROJECTED BAL.	TOTAL PROPOSED BALCONY AREA	EXCESS BALCONY TAKEN IN FSI
1ST Floor	42.814	30.990	14.190	45.180	2.366
2ND Floor	42.814	30.990	14.190	45.180	2.366
3RD Floor	42.814	30.990	14.190	45.180	2.366
TOTAL	128.442	92.970	42.570	135.540	7.099
GRAND TOTAL	801.63	627.573	364.41	901.983	190.854

STAMP OF APPROVAL

3 JUN 2016

SHEET CONTAINS :-

GROUND LAYOUT PLAN, PLOT AREA DIAGRAM & AREA CALCULATION, R.G. AREA DIAGRAMS & AREA CALCULATIONS, LOCATION PLAN, U.G. WATER TANK SECTION & CALCULATION, O.H.WATER TANK CALCULATION, BUILT UP AREA STATEMENT,BALCONY AREA STATEMENT, TERRACE AREA STATEMENT,GUMSHARD AREA STATEMENT, TENEMENT AREA STATEMENT, PARKING AREA STATEMENT, SEPTIC TANK DETAILS & AREA CALCULATION,COMPOUND WALL DETAIL, R.W.H. DETAIL, ELEVATION.

DESCRIPTION OF PROPOSAL AND PROPERTY

PROPOSED RESIDENTIAL BUILDINGS ON SURVEY NO: 1/3,1/4,1/5,1/7, AT VILLAGE-WALE GHOT (KOYANA VELE), TAL.-PANVEL, DIST.- RAIGAD

NAME ADDRESS & SIGN. OF OWNER: SANJAY PANABAS BARAL,DNA

NAME ADDRESS & SIGN. OF ARCHITECT: PRADEEP DHORE B.ARCH.(M)

Drawn BY : A.V.L. DATE : 30.03.2016 SCALE : REFER LAYOUT DWG BY : P.DHORE

NORTH

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