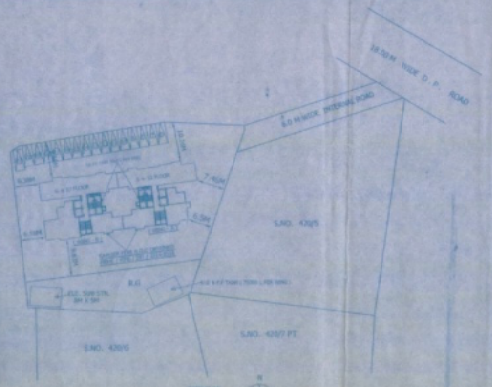
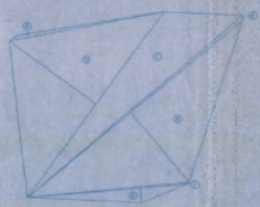
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT





R.G. AREA CALCULATION

a)	= 0.50	x 46.30	x 1 NO =	355.75
b)	= 0.50	x 46.30	x 9.30 x 1 NO =	215.26
c)	= 0.50	x 20.50	x 4.40 x 1 NO =	45.10
d)	= 0.50	x 6.75	x 0.25 x 1 NO =	1.45
	TOTAL		=	416.58 SQ.M.
	R.G. REQUIRED		=	371.50 SQ.M.
	R.G. PROVIDED		=	414.58 SQ.M.

PLOT AREA CALCULATION

a)	= 0.50	x 42.50	x 1.00 x 1 NO =	21.50
b)	= 0.50	x 40.00	x 26.00 x 1 NO =	520.00
c)	= 0.50	x 73.00	x 15.00 x 1 NO =	547.50
d)	= 0.50	x 73.00	x 1.15 x 1 NO =	41.97
e)	= 0.50	x 73.00	x 25.00 x 1 NO =	912.50
f)	= 0.50	x 42.00	x 6.00 x 1 NO =	189.00
g)	= 0.50	x 40.00	x 4.00 x 1 NO =	80.00
	TOTAL		=	2440.47 SQ.M.

CAR PARKING AREA STATEMENT

CARPET AREA	TOTAL FLATS		PARKING PERMISSIBLE AS PER D.C.R.E.E.	PARKING REQUIRED	
	WING - A	WING - B		WING - A	WING - B
BELOW 35.00	16	25	NIL	NIL	NIL
35.00 TO 45.00	NIL	NIL	1 PARKING FOR 4 TENEMENT	NIL	NIL
45.00 TO 70.00	13	25	1 PARKING FOR 2 TENEMENT	7	13
ABOVE 70.00	NIL	NIL	1 PARKING FOR 1 TENEMENT	NIL	NIL
SHOPPING	NIL		1 PARKING SPACE IN EVERY 100 SQ.MT.	NIL	NIL
TOTAL				7	13
10% VISITORS PARKING				0.70 NOS.	1.3
TOTAL PARKING				7.70 NOS.	14.3
PARKING REQUIRED				8.00 NOS.	15
PARKING PROVIDED				14.00 NOS.	14.00 NOS.

STAMP OF APPROVAL OF PLAN

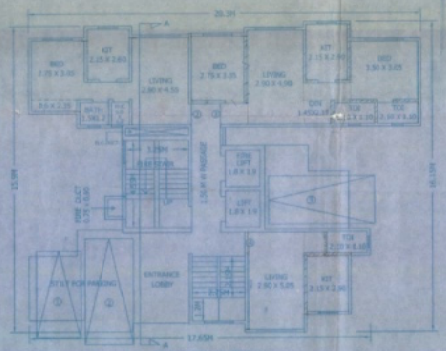
जीवनी एव ब. निवासस्थान / प्र.क्र. 3891/2019-20
दि. 29/07/2019 प्राधिकृत अधी. अधिक
बांधकाम यांचा पत्ता/मालमत्ता क्रमांक
(जमीन/प्लॉट/सर्वे नंबर)

प्रस्तुत
मीरा भाईंदर महानगरपालिका

मीरा भाईंदर महानगरपालिका

SCHEDULE OF DOORS AND WINDOWS AND SPECIFICATION

MARK	SIZE IN MTS.	DESCRIPTION
D1	1.0 X 2.1	SINGLE SHUTTER T.W. FRAME FLUSH DOOR
D2	0.9 X 2.1	SINGLE SHUTTER T.W. FRAME FLUSH DOOR
D3	0.8 X 2.1	SINGLE SHUTTER T.W. FRAME FLUSH DOOR
W1	2.0 X 1.2	THREE SHUTTER T.W. FRAME GLAZED WINDOWS
W2	1.8 X 1.2	DOUBLE SHUTTER T.W. FRAME GLAZED WINDOW
W3	1.2 X 1.2	DOUBLE SHUTTER T.W. FRAME GLAZED WINDOW
WA	0.6 X 0.3	GLASS LOUVERS
STRUCTURE		R.C.C. FRAME STRUCTURE WILL BE DESIGNED & CONSTRUCTED AS PER IS CODE 456-2000
INTERNAL WALL : EXTERNAL WALL		4" THICK BRICK WALL WITH 1/2" CEMENT PLASTER ON BOTH SIDES. 10" BRICK WALL / CONCRETE BLOCK WALL WITH 1/2" CEMENT PLASTER

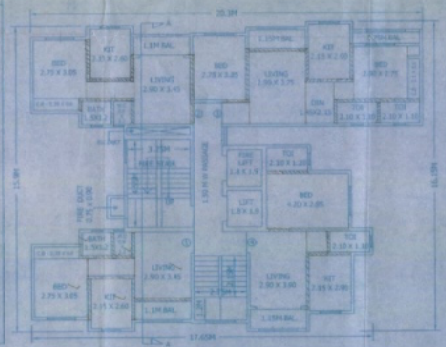


BUILT UP AREA CALCULATION OF GROUND FLOOR (WING - A)

1.	= 3.65	x 3.30	x 1 NO =	12.48
2.	= 6.10	x 1.40	x 1 NO =	8.54
3.	= 2.45	x 4.10	x 1 NO =	10.04
4.	= 3.05	x 5.10	x 1 NO =	15.55
5.	= 2.50	x 3.45	x 1 NO =	13.50
6.	= 1.25	x 1.25	x 1 NO =	4.98
7.	= 3.65	x 4.15	x 1 NO =	14.55
8.	= 2.45	x 3.85	x 1 NO =	9.47
9.	= 2.80	x 1.35	x 1 NO =	3.84
10.	= 2.60	x 3.35	x 1 NO =	8.71
11.	= 2.20	x 0.60	x 1 NO =	1.30
12.	= 2.20	x 5.10	x 1 NO =	10.64
13.	= 2.30	x 3.05	x 1 NO =	7.01
14.	= 3.50	x 1.95	x 1 NO =	6.82
15.	= 2.45	x 1.40	x 1 NO =	3.43
16.	= 0.25	x 4.90	x 2 NO =	1.10
17.	= 0.25	x 1.80	x 2 NO =	0.90
18.	= 0.20	x 1.80	x 1 NO =	0.36
19.	= 0.20	x 1.45	x 1 NO =	0.29
20.	= 0.25	x 3.25	x 2 NO =	1.62
21.	= 0.15	x 3.45	x 1 NO =	0.51
22.	= 0.15	x 11.45	x 1 NO =	1.71
23.	= 0.15	x 2.75	x 1 NO =	0.41
	TOTAL		=	133.91 SQ.M.
	BUILT-UP AREA OF GROUND FLOOR = 133.91 SQ.M. (WING - A)			

BUILT UP - AREA CALCULATION OF TYPICAL FLOOR - FIRST TO SEVENTH & NINTH TO THIRTEENTH FLR. (WING - A)

1.	= 6.60	x 1.80	x 1 NO =	11.88
2.	= 3.25	x 7.90	x 1 NO =	25.68
3.	= 2.40	x 3.95	x 1 NO =	9.48
4.	= 2.45	x 4.10	x 1 NO =	10.04
5.	= 3.05	x 5.10	x 1 NO =	15.55
6.	= 3.25	x 1.65	x 1 NO =	13.13
7.	= 3.40	x 1.25	x 1 NO =	1.75
8.	= 3.90	x 1.75	x 1 NO =	10.67
9.	= 2.45	x 1.40	x 1 NO =	3.43
10.	= 2.85	x 1.75	x 2 NO =	7.09
11.	= 0.50	x 0.80	x 1 NO =	0.05
12.	= 2.60	x 1.35	x 1 NO =	19.65
13.	= 2.20	x 1.85	x 1 NO =	11.76
14.	= 0.15	x 1.45	x 1 NO =	1.96
15.	= 0.15	x 1.75	x 1 NO =	0.41
16.	= 0.25	x 4.20	x 1 NO =	17.82
17.	= 0.20	x 1.80	x 1 NO =	0.68
18.	= 2.45	x 1.05	x 1 NO =	7.47
19.	= 3.45	x 1.40	x 1 NO =	4.83
20.	= 4.60	x 3.00	x 1 NO =	13.80
21.	= 2.20	x 1.85	x 1 NO =	11.27
22.	= 0.25	x 3.25	x 1 NO =	0.81
23.	= 0.15	x 1.20	x 1 NO =	0.78
24.	= 0.25	x 1.80	x 1 NO =	0.45
25.	= 0.20	x 1.80	x 1 NO =	0.36
26.	= 0.25	x 1.60	x 1 NO =	0.75
27.	= 0.25	x 5.40	x 1 NO =	1.89
	TOTAL		=	199.19 SQ.M.
	BUILT-UP AREA OF TYPICAL FLOOR = 199.19 SQ.M. FIRST TO SEVENTH & NINTH TO THIRTEENTH FLR. (WING - A)			



PROFORMA A

		SQ.MTS	PROFORMA B
	AREA STATEMENT		CONTENTS OF SHEETS
1	AREA OF PLOT (BY PMC / SURVEY / AS PER 7/12 EXTRACT / AREA OF PLOT (BY AMC / TRIANGULAR METHOD) =	3495.6	SITE PLAN, LOCATION PLAN, R.G.CALCULATION, BUILT UP AREA TABLE
2 A	DEDUCTION FOR D.P. ROAD		
2 B	DEDUCTION FOR NALA		
3	NET PLOT AREA	3495.6	
4	DEDUCTION FOR RECREATION GROUND = 10% = 371.50		
5	PHYSICAL R.G. PROVIDED = 25% = 414.58		
6	BALANCE AREA OF PLOT= 3-4=	3495.6	
6 A	ADD FOR F.S.I. PURPOSE OF D.P.ROAD AREA (DRC NO. 317 & 450)	994.0	
6 B	ADD FOR F.S.I. PURPOSE OF Y.D.R.(DRC NO. 449)	996.0	
7	TOTAL AREA= 5+6 =	4682.0	
8	F.S.I. PERMISSIBLE	ONE	
9	PERMISSIBLE FLOOR AREA	4682.0	
10	EXISTING FLOOR AREA		DESCRIPTION OF PROPOSAL
11	PROPOSED FLOOR AREA	4491.40	
12	F.S.I. CONSUMED	0.96	PROPOSED RESIDENTIAL BUILDING ON PLOT BEARING OLD S.NO.= 429, NEW S.NO. - 156, H.NO.- 4 OF VILLAGE - NAVGHAR TALUKA - THANE.
	BALCONY AREA STATEMENT		
A	PERMISSIBLE BALCONY AREA FLOOR		
B	PROPOSED BALCONY AREA - FLOOR		
C	EXCESS BALCONY AREA UNDER		
D	TOTAL EXCESS BALCONY FOR ALL FLOORS	10% OF BUILT UP AREA	
	TENEMENT STATEMENT		
A	HUT AREA OF PLOT		NAME OF OWNER OR DEVELOPER
B	LESS DEDUCTION OF NON RESIDENTIAL AREA, SHOP ETC.	NON RESI. AREA	
C	AREA FOR TENEMENT	0	R.N.A. Builders (N.A.)
D	NO. OF TENEMENTS PROPOSED		
E	NO. OF TENEMENTS PERMISSIBLE		
	PARKING STATEMENT		
A	PARKING REQUIRED BY RULES	14 CAR PARKING	
B	TOTAL PARKING PROVIDED	14 CAR PARKING	
C	GARAGES PROVIDED		
D	GARAGES PROVIDED		
	NOTES		
A	BOUNDARY OF PLOT SHOWN BLUE		
B	PROPOSED WORK SHOWN IN PINK		
C	WORK TO BE DEMOLISHED SHOWN IN YELLOW		

BUILT UP AREA CALCULATION PLAN OF GROUND FLR. (WING - A)
SCALE : 1 : 200

STAIRCASE & PASSAGE AREA STATEMENT OF GROUND FLOOR - WING - A

PERMISSIBLE STAIRCASE & PASSAGE AREA OF GROUND FLOOR = 10% OF BUILT-UP AREA = 10% OF 133.91 SQ.M. = 20.09 SQ.M.

PROPOSED STAIRCASE & PASSAGE AREA OF GROUND FLR. - (S) = 2.75 x 3.35 x 1 NO. = 9.21 SQ.M. (P) = 1.50 x 7.80 x 1 NO. = 11.70 SQ.M. (PU) = 2.75 x 1.25 x 1 NO. = 3.43 SQ.M. TOTAL = 32.69 SQ.M.

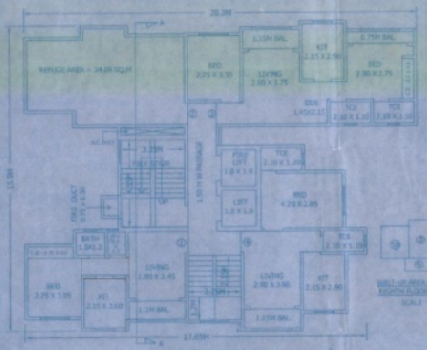
EXCESS STAIRCASE & PASSAGE AREA OF GROUND FLOOR - WING - A = 32.69 - 20.09 = 2.61 SQ.M.

BUILT UP AREA CALCULATION OF REFUGE AREA (WING - A) -

7.	= 2.80	x 2.75	x 1 NO =	10.67
8.	= 2.45	x 3.95	x 1 NO =	9.67
9.	= 2.85	x 3.35	x 1 NO =	3.84
10.	= 2.90	x 3.35	x 1 NO =	9.71
	TOTAL		=	34.49 SQ.M.

BUILT-UP AREA OF EIGHTH FLOOR (WING - A) = 34.49 SQ.M.

EIGHTH FLR BUILT-UP AREA = TYPICAL FLR BUILT-UP AREA - REFUGE AREA (WING - A) = 199.39 - 34.49 = 165.90 SQ.M.



STAIRCASE & PASSAGE AREA STATEMENT OF EIGHTH FLOOR (WING - A) -

PERMISSIBLE STAIRCASE & PASSAGE AREA OF EIGHTH ROOF = 10% OF BUILT-UP AREA = 10% OF 135.90 SQ.M. = 20.09 SQM

PROPOSED STAIRCASE & PASSAGE AREA OF EIGHTH FLOOR - (S) = 2.75 x 3.35 x 1 NO. = 9.21 SQ.M. (P) = 1.50 x 7.80 x 1 NO. = 11.70 SQ.M. (PU) = 2.75 x 1.25 x 1 NO. = 3.43 SQ.M. TOTAL = 33.69 SQ.M.

EXCESS STAIRCASE & PASSAGE AREA OF EIGHTH FLOOR (WING - A) = 22.69 - 20.09 = 3.40 SQ.M.

PROPOSED BUILT-UP AREA STATEMENT OF WING - A

S.NO.	FLOOR	BUILT UP AREA	EXCESS STAIRCASE AREA	EXCESS BALCONY AREA	TOTAL BUILT UP AREA
1	GROUND FLR.	133.91 SQ.M.	2.61 SQ.M.	-	136.52 SQ.M.
2	FIRST FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
3	SECOND FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
4	THIRD FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
5	FOURTH FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
6	FIFTH FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
7	SIXTH FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
8	SEVENTH FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
9	EIGHTH FLR.	135.90 SQ.M.	3.40 SQ.M.	0.0 SQ.M.	139.30 SQ.M.
10	NINTH FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
11	TENTH FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
12	ELEVENTH FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
13	THIRTEENTH FLR.	199.39 SQ.M.	0.0 SQ.M.	0.0 SQ.M.	199.39 SQ.M.
	TOTAL PROPOSED BUILT - UP AREA OF WING - A		=		2137.56 SQ.M.

SUMMARY

TYPE	BUILT UP AREA
WING - A	2137.56 SQ.M.
WING - B	2242.85 SQ.MT
TOTAL AREA	4480.40 SQ.MT

STAIRCASE & PASSAGE AREA STATEMENT OF TYPICAL FLOOR - FIRST TO SEVENTH & NINTH TO THIRTEENTH FLR. (WING - A)

PERMISSIBLE STAIRCASE & PASSAGE AREA OF TYPICAL FLOOR = 10% OF BUILT-UP AREA = 10% OF 199.39 SQ.M. = 20.09 SQ.M.

PROPOSED STAIRCASE & PASSAGE AREA OF TYPICAL FLR. - (S) = 2.75 x 3.35 x 1 NO. = 9.21 SQ.M. (P) = 1.50 x 7.80 x 1 NO. = 11.70 SQ.M. (PU) = 2.75 x 1.25 x 1 NO. = 3.43 SQ.M. TOTAL = 32.09 SQ.M.

EXCESS STAIRCASE & PASSAGE AREA OF TYPICAL FLOOR = 0.0 SQ.M. FIRST TO SEVENTH & NINTH TO THIRTEENTH FLR. (WING - A)

BALCONY AREA STATEMENT OF TYPICAL FLOOR -
FIRST TO SEVENTH & NINTH TO THIRTEENTH FLR. (WING - A)

PERMISSIBLE BALCONY AREA OF TYPICAL FLOOR = 10% OF BUILT-UP AREA < 10% OF 199.39 SQ.M. = 19.93 SQ.M.

PROPOSED BALCONY AREA OF TYPICAL FLOOR - B1 = 0.15 x 0.90 x 1 NO. = 0.13 SQ.M. - B11 = 0.15 x 0.30 x 1 NO. = 0.04 SQ.M. - B2 = 2.90 x 0.15 x 1 NO. = 1.43 SQ.M. - B2a = 3.20 x 1.15 x 1 NO. = 3.66 SQ.M. - B3a = 3.05 x 1.15 x 1 NO. = 3.51 SQ.M. - B4 = 2.85 x 0.75 x 1 NO. = 2.13 SQ.M. TOTAL = 10.45 SQ.M.

EXCESS BALCONY AREA OF TYPICAL FLOOR = 0.0 SQM FIRST TO SEVENTH & NINTH TO THIRTEENTH FLR. (WING - A)

BALCONY AREA STATEMENT OF EIGHTH FLOOR - (WING - A) -

PERMISSIBLE BALCONY AREA OF EIGHTH FLOOR = 10% OF BUILT-UP AREA = 10% OF 135.90 SQ.M. = 13.53 SQ.M.

PROPOSED BALCONY AREA OF EIGHTH FLR. - B1 = 0.15 x 0.90 x 1 NO. = 0.13 SQ.M. - B11 = 0.15 x 0.30 x 1 NO. = 0.04 SQ.M. - B2 = 2.90 x 0.15 x 1 NO. = 1.43 SQ.M. - B2a = 3.20 x 1.15 x 1 NO. = 3.66 SQ.M. - B3a = 3.05 x 1.15 x 1 NO. = 3.51 SQ.M. - B4 = 2.85 x 0.75 x 1 NO. = 2.13 SQ.M. TOTAL = 10.86 SQ.M.

EXCESS BALCONY AREA OF EIGHTH FLOOR (WING - A) = 0.0 SQ.M.

CERTIFICATE OF AREA

CERTIFIED THAT I HAVE SURVEYED THE PLOT UNDER REFERENCE ON 17/7/2019 & THE DIMENSIONS OF THE SIDES OF SAID PLOT STATED ON PLAN & AREA AS HEREUNDER ON SITE & AREA AS NOTICED. SIDES & ANGLES WITH THE AREA STATED IN DISCREPANT OF CONSEQUENCE.

ARCHITECT SIGN.

NAME & ADDRESS OF ARCHITECT & ENGINEER

BHARATKUMAR PATEL
B.ARCH.,M.TECH-I.E.P.-DELHI, AMIE, AIIA, MIG.I.

BHAVESH PATEL
B.E.-CIVIL, M.E. (SOIL & FOUNDATION), PMC.

OFFICE : SHOP NO-3, TIWADIA BLDG, BEHIND NAHARIA BAZAR, GE ROAD, BHAYANDER (WEST), TAL & DIST-THANE. PIN-401 101.

TEL. OFF. : 28 28 2018
MOBILE : 9969676077

SHEET NO. 1/1 REF. :

BHARATKUMAR PATEL
ARCH. M. TECH-I.E.P.-DELHI
AMIE, AIIA, MIG.I.

PROPOSED RESIDENTIAL BUILDING ON PLOT BEARING OLD S.NO.- 429, NEW S.NO.- 156, H.NO.- 4 OF VILLAGE - NAVGHAR, TALUKA - THANE.

FINE :- 12th Floor