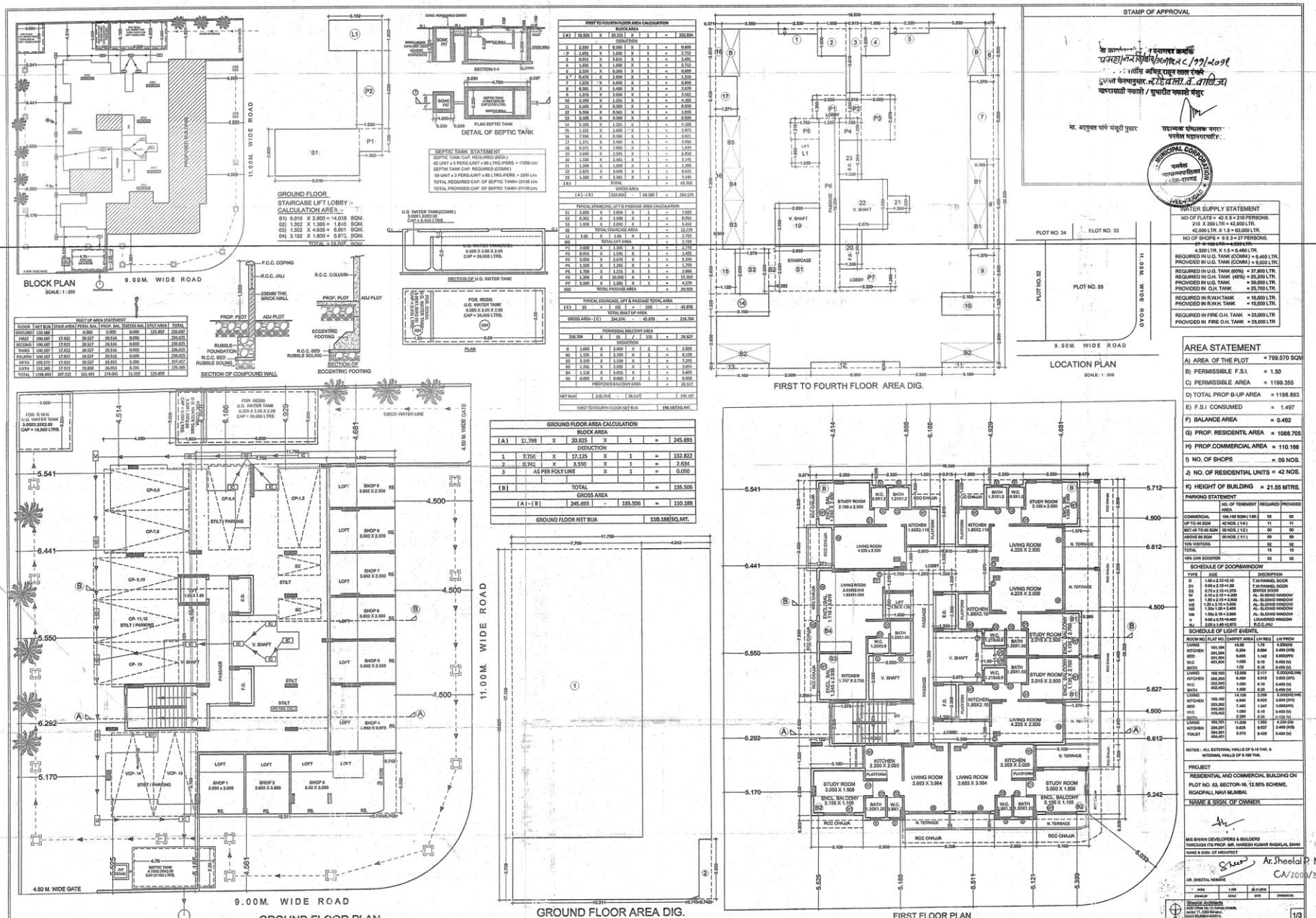

BUILT UP AREA STATEMENT							
FLOOR	RET BUA	STAIR AREA	PERM. BAL.	PROP. BAL.	EXCESS BAL.	STILT AREA	TOTAL
GROUND	110.188			0.000	0.000	125.859	236.047
FIRST	190.187	17.922	28.527	28.516	0.000		236.625
SECOND	190.187	17.922	28.527	28.516	0.000		236.625
THIRD	190.187	17.922	28.527	28.516	0.000		236.625
FOURTH	190.187	17.922	28.527	28.516	0.000		236.625
FIFTH	185.573	17.922	28.527	33.922	5.359		247.472
SIXTH	132.385	17.922	19.958	26.053	6.359		176.360
TOTAL	1198.893	107.532	162.493	174.041	11.720	125.859	

FIRST TO FOURTH FLOOR AREA CALCULATION							
BLOCK AREA							
(A)	16.505	X	20.225	X	1	=	333.804
DEDUCTION							
1	2.330	X	0.300	X	1	=	0.699
2	5.405	X	1.600	X	1	=	2.712
3	0.855	X	3.815	X	1	=	3.481
4	1.695	X	1.600	X	1	=	2.712
5	2.330	X	0.300	X	1	=	0.699
6 *	0.470	X	2.800	X	1	=	1.316
7 *	1.300	* 2	3.000	X	1	=	6.500
8	0.995	X	5.400	X	1	=	2.679
9	1.330	X	2.650	X	1	=	3.562
10	3.100	X	1.370	X	1	=	4.169
11	3.100	X	0.300	X	1	=	0.930
12	5.705	X	0.361	X	1	=	1.915
13	3.100	X	0.300	X	1	=	0.930
14	3.100	X	1.325	X	1	=	4.108
15	1.122	X	2.600	* 2	1	=	2.973
16	7.950	X	0.190	X	1	=	3.601
17	1.271	X	2.600	X	1	=	3.092
18	0.371	X	2.800	X	1	=	1.039
19	2.650	X	2.595	X	1	=	6.850
20	1.330	X	2.365	X	1	=	3.145
21	1.300	X	1.600	X	1	=	1.300
22	2.875	X	3.000	X	1	=	8.625
23	1.330	X	2.365	X	1	=	3.145
(B)			TOTAL			=	69.360
			GROSS AREA				
(A)-(B)			333.804	-	69.360	=	264.574

TYPICAL STAIRCASE, LIFT & PASSAGE AREA CALCULATION							
S1	2.650	X	2.650	X	1	=	7.023
S2	0.362	X	2.595	X	1	=	0.940
S3	1.668	X	2.650	X	1	=	5.242
(S)			TOTAL STAIRCASE AREA			=	13.219
L1	1.65	X	1.65	X	1	=	2.723
(S)			TOTAL LIFT AREA			=	2.723
P1	2.000	X	1.365	X	1	=	2.730
P2	0.915	X	1.575	X	1	=	1.442
P3	2.000	X	2.670	X	1	=	5.340
P4	1.330	X	1.295	X	1	=	1.722
P5	1.700	X	3.215	X	1	=	3.066
P6	1.200	X	10.950	X	1	=	13.140
P7	3.330	X	1.295	X	1	=	4.279
(SB)			TOTAL PASSAGE AREA			=	29.919

TYPICAL STAIRCASE, LIFT & PASSAGE TOTAL AREA							
(C)	(S)	+	(L)	+	(SB)	=	45.870
			TOTAL BUILT UP AREA				
GROSS AREA - (C)			264.574	-	45.870	=	218.704

PERMISSIBLE BALCONY AREA							
218.704	X	15	/	115	=	28.527	
DEDUCTION							
9	1.660	X	2.600	X	2	=	5.850
86	1.175	X	2.700	X	2	=	6.129
82	3.150	X	3.150	X	2	=	9.265
83	1.345	X	2.595	X	1	=	3.454
84	1.118	X	5.015	X	1	=	5.469
85	0.000	X	0.000	X	1	=	0.000
			PROPOSED BALCONY AREA			=	29.167

NET BUA	218.704	-	28.527	=	190.187		
FIRST TO FOURTH FLOOR NET BUA							190.187 SQ.MT.

GROUND FLOOR AREA CALCULATION							
BLOCK AREA							
(A)	11.798	X	20.825	X	1	=	245.693
DEDUCTION							
1	7.756	X	17.125	X	1	=	132.822
2	0.762	X	3.550	X	1	=	2.634
3	AS PER POLY LINE			X	1	=	0.050
(B)			TOTAL			=	135.506
			GROSS AREA				
(A)-(B)			245.693	-	135.506	=	110.188
GROUND FLOOR NET BUA							110.188 SQ.MT.

WATER SUPPLY STATEMENT
NO OF FLATS = 42 X 5 = 210 PERSONS. 210 X 200 LTR = 42,000 LTR. 42,000 LTR. X 1.5 = 63,000 LTR.
NO OF SHOPS = 9 X 3 = 27 PERSONS. 27 X 100 LTR = 4,320 LTR.
4,320 LTR. X 1.5 = 6,480 LTR. REQUIRED IN U.G. TANK (COMM.) = 6,480 LTR. PROVIDED IN U.G. TANK (COMM.) = 9,000 LTR.
REQUIRED IN U.G. TANK (60%) = 37,800 LTR. REQUIRED IN O.H. TANK (40%) = 25,200 LTR. PROVIDED IN U.G. TANK = 39,000 LTR. PROVIDED IN O.H. TANK = 25,700 LTR.
REQUIRED IN R.W.H.TANK = 19,000 LTR. PROVIDED IN R.W.H. TANK = 19,500 LTR.
REQUIRED IN FIRE O.H. TANK = 25,000 LTR. PROVIDED IN FIRE O.H. TANK = 25,000 LTR.

AREA STATEMENT	
A) AREA OF THE PLOT	= 799.570 SQM
B) PERMISSIBLE F.S.I.	= 1.50
C) PERMISSIBLE AREA	= 1199.355
D) TOTAL PROP B-UP AREA	= 1198.893
E) F.S.I CONSUMED	= 1.497
F) BALANCE AREA	= 0.462
G) PROP. RESIDENTIL AREA	= 1088.705
H) PROP.COMMERCIAL AREA	= 110.188
I) NO. OF SHOPS	= 09 NOS.
J) NO. OF RESIDENTIAL UNITS	= 42 NOS.
K) HEIGHT OF BUILDING	= 21.55 MTRS.

PARKING STATEMENT			
	NO. OF TENEMENT AREA	REQUIRED	PROVIDED
COMMERCIAL	109.100 SQM.(1:80)	02	02
UP TO 45 SQM	42 NOS. (1:1)	11	11
BET.45 TO 60 SQM	00 NOS. (1:2)	00	00
ABOVE 60 SQM	00 NOS. (1:1)	00	00
10% VISITORS		02	02
TOTAL		15	15
10% CAR BOOSTER		02	02

SCHEDULE OF DOORS/WINDOW		
TYPE	SIZE	DISCRIPTION
D	1.00 x 2.10 =2.10	T.W.PANNEL DOOR
D1	0.90 x 2.10 =1.89	T.W.PANNEL DOOR
D2	0.75 x 2.10 =1.575	SHTEX DOOR
W	2.10 x 2.10 = 4.200	AL- SLIDING WINDOW
W1	1.80 x 2.10 = 3.600	AL- SLIDING WINDOW
W2	1.20 x 2.10 = 2.520	AL- SLIDING WINDOW
W3	1.20 x 1.20 = 1.440	AL- SLIDING WINDOW
W4	1.50 x 2.10 = 3.000	AL- SLIDING WINDOW
V	0.60 x 0.75 =0.450	LOUVERED WINDOW
M	2.08 x 1.45 =2.970	R.C.C.DJ

SCHEDULE OF LIGHT &VENTIL					
ROOM NO.	FLAT NO.	CARPET AREA	LIV REQ	LIV PROV	
LIVING	101,104	15.50	1.78	4.200(W)	
KITCHEN	201,204	6.304	0.894	2.400 (WD)	
BED	301,304	9.855	1.142	3.600(WT)	
W.C	401,404	1.050	0.15	0.450 (V)	
BATH		1.08	0.15	0.450 (V)	
LIVING	102,103	12.668	2.111	5.400(W2,W4)	
KITCHEN	202,203	6.489	0.915	3.600 (WT)	
W.C	302,303	1.050	0.15	0.450 (V)	
BATH	402,403	1.500	0.20	0.450 (V)	
LIVING		14.138	2.205	5.400(W2,W4)	
KITCHEN	103,102	6.840	0.923	3.600 (WT)	
BED	203,202	7.482	1.247	3.600(WT)	
W.C	303,302	1.080	0.15	0.450 (V)	
BATH	403,402	1.295	0.18	0.450 (V)	
LIVING	104,101	11.200	1.593	4.200 (W)	
KITCHEN	204,201	5.825	0.827	2.400 (WD)	
TOILET	304,301	2.572	0.428	0.450 (V)	
	404,401				

NOTES : ALL EXTERNAL WALLS OF 0.15 THK. & INTERNAL WALLS OF 0.100 THK.

PROJECT

RESIDENTIAL AND COMMERCIAL BUILDING ON PLOT NO. 53, SECTOR-16, 12.50% SCHEME, ROADPALI, NAVI MUMBAI.

NAME & SIGN. OF OWNER

M/S SHIKHI DEVELOPERS & BUILDERS THROUGH ITS PROP. MR. HARISH KUMAR RASIKLAL SHAH

NAME & SIGN. OF ARCHITECT

AR. SHEETAL NEMANE

Ar.Sheetal P. Nema
CA/2009/25775

DRG. NO.	1:200	23.11.2019	DIMENSIONS
DRAWN BY	SCALE	DATE	

Sheetal Architects
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