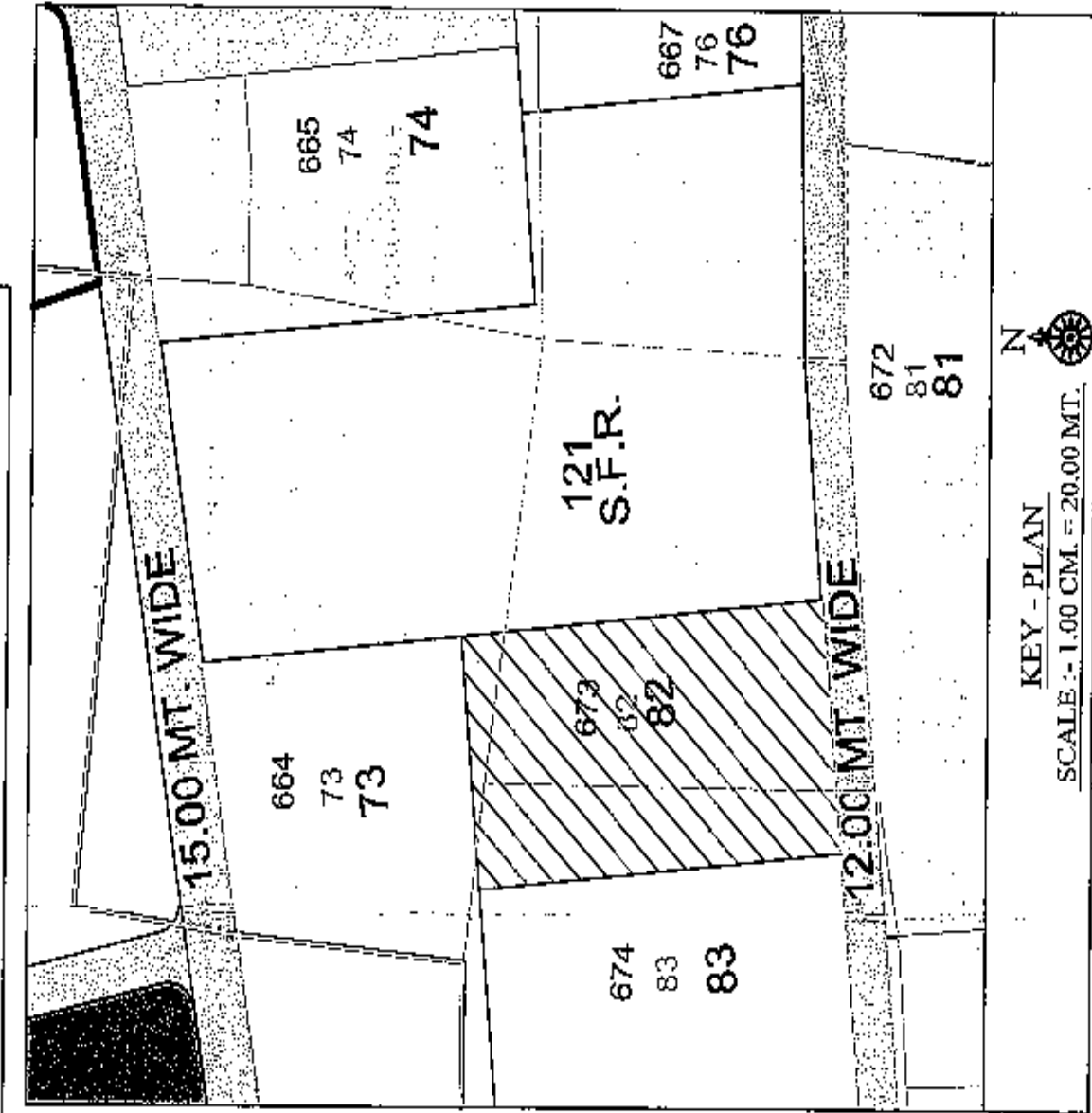
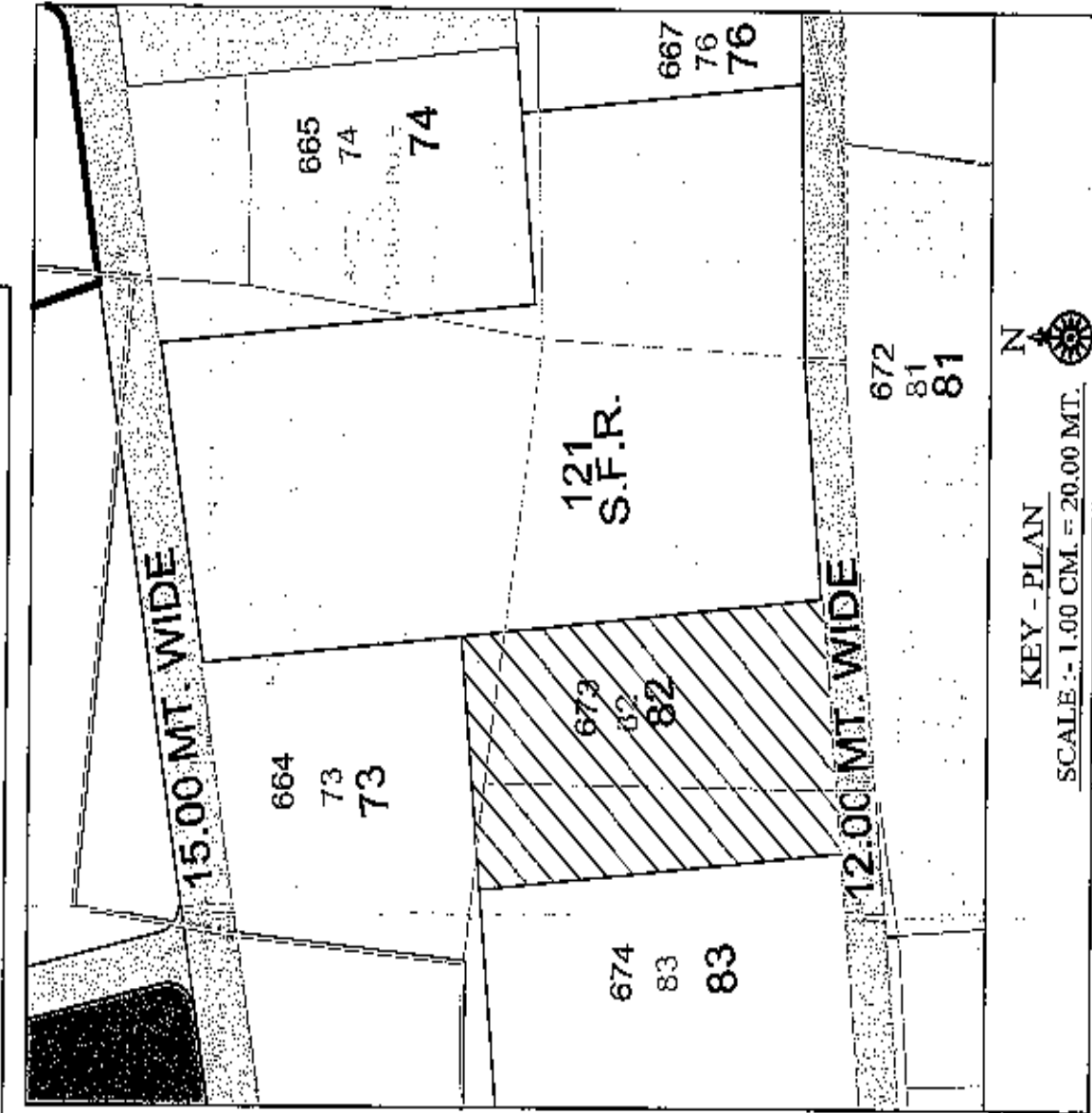




BUILT UP AREA STATEMENT:									
BLOCK	A	B+C	D	E	F+G	H	I	TOTAL	(IN SQ.MT.)
GROUND (H.F.)	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
GROUND (S.P.)	--	--	--	--	--	--	66.61	66.61	66.61
1ST FLOOR	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
2ND FLOOR	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
3RD FLOOR	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
4TH FLOOR	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
5TH FLOOR	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
6TH FLOOR	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
STAIR CABIN	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
STAIR C.A.B.W.T.	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
WATER TANK	270.34	745.74	319.32	319.32	745.74	270.34	--	2671.20	2671.20
TOTAL	2234.69	6104.88	2616.13	2616.13	6104.88	2234.69	66.61	21978.05	21978.05
F.S.I. AREA STATEMENT:									
BLOCK	A	B+C	D	E	F+G	H	I	TOTAL	(IN SQ.MT.)
GROUND (S.P.)	229.30	649.56	278.15	278.15	649.56	229.30	--	2314.02	2314.02
1ST FLOOR	229.30	649.56	278.15	278.15	649.56	229.30	--	2314.02	2314.02
2ND FLOOR	229.30	649.56	278.15	278.15	649.56	229.30	--	2314.02	2314.02
3RD FLOOR	229.30	649.56	278.15	278.15	649.56	229.30	--	2314.02	2314.02
4TH FLOOR	229.30	649.56	278.15	278.15	649.56	229.30	--	2314.02	2314.02
5TH FLOOR	229.30	649.56	278.15	278.15	649.56	229.30	--	2314.02	2314.02
6TH FLOOR	229.30	649.56	278.15	278.15	649.56	229.30	--	2314.02	2314.02
7TH FLOOR	229.30	649.56	278.15	278.15	649.56	229.30	--	2314.02	2314.02
TOTAL	1665.10	4564.92	1947.05	1947.05	4564.92	1665.10	66.61	16564.75	16564.75
AREA CALCULATION C.P. ABC									
AREA = $3 \times 14 \times 8 \times 7/4$ $= 3.14 \times 200 \times 3.00$ $= 3.14 \times 9.04$ $= 7.95 \text{ SQ.MT.}$ TOTAL AREA = 3.00 X 3.00. NET AREA IN ROAD = 9.00 SQ.MT. NET AREA IN ROAD = 9.00 - 7.95 $= 1.05 \text{ SQ.MT.}$									

	7TH FLOOR	REST	TOTAL	6TH	12	05	05	12	06	--	322
COMMON PLOT AREA CALCULATION:-											
NET PLOT AREA = 6131.00 SQ.MTS											
REQ. COMMON PLOT @ 8% 490.48 SQ.MT.											
COMMON PLOT											
(1) 50.03 X 09.09											
= 499.80 SQ.MT.											
LESS:-											
ARC AREA X.2											
= 03.86 SQ.MT.											
NET PROV. COMMON PLOT = 495.94 SQ.MT.											
PERML. BUILT UP AREA IN COMMON PLOT											
15% OF COMMON PLOT AREA											
0.15 X 495.94											
= 74.39 SQ. MT.											

EUST-BIN PROVIDED NOSTERS-RESUL

8 NOS. OF COMMUNITY BIN EACH OF 80 LITRES CAPA.
SHALL BE PROVIDED IN MARGINAL OPEN SPACE.
EUST-BIN PROVIDED IN COMMON PLOT SHALL BE
REQUIRED = 33 UNITS. 40' X 14' 11" NOS. REQD.
PROVIDED CONTAINER - 41 NOS.

GENERAL NOTES >

- * Engineer is fully responsible for bearing open space and material.
- > The depth and position of existing municipal manhole is very near to on site and premises across drainage connection.

TREE PLANTATION PLOT AREA :- 6131.00 SQ. MTS. 200 SQ. MTS. 7.3 TREE 6131.00 SQ. MTS./91.96 TREE SAY 92 NO.TREES PROVIL. 92 NO. TREES	REQ. PERCOLATING WELL PLOT AREA :- 1500 TO 4000 SQ. MTS. 1 PERCOLATING WELL PLOT AREA = 6131.00/ 4000.00 SQ. MTS. = 1.53 NO. REQ. SAY 2 NOS. PROVIL. 2 NO.PERCO. WELL	* It is certify that according to G.D.C.R-2021 all requirements of the building are checked and necessary actions are taken. * It is certify that according to the clause no. 4 & 5.3 of the G.D.C.R-2021, the structure of the building is design as per the norms of the Indian standards. * Design of staircase and railing is provided as per the provision of the clause no. 23.1.12 and 23.1.12 and 24.6 of G.D.C.R-2021. * Firehydrants ramp is provided as per the provision of the clause no. 23.1.5, of G.D.C.R-2021. * Lift is provided as per the provision of the clause no. 23.12 and 24.7 of G.D.C.R-2021. * Water tank is provided as per the provision of
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* The nature of building material shall be as per the clause no. 23.1.7 of the S.D.C.R-2021.
 * Entrance of the building is provided as per the clause no. 23.1.7 of the S.D.C.R-2021.
 * Staircases of the parking place is to be provided as per the clause no. 23.7 of the S.D.C.R-2021.
 * Drainage facility is provided as per the clause no. 23.10 of the S.D.C.R-2021.
 * Electrical infrastructures shall be provided as per clause no. 23.11 of the S.D.C.R-2021.
 * Water tank for fire safety requirement provided as per chapter no. 24 of S.D.C.R-2021.
 * Separate letter box is provided at ground level for each unit.
 * This clause no. 23.6 of S.D.C.R-2021.

The diagram illustrates a cross-section of an R.C.C. column. It features a stepped profile with a total width of $L \times D$ and a total height of $D_1 + D_2$. The column is divided into three main horizontal sections. The top section has a width of $L \times D$ and a height of D_1 . The middle section has a width of $L \times D$ and a height of D_2 . The bottom section has a width of $L \times D$ and a height of D_1 . The column is reinforced with longitudinal bars and stirrups. The reinforcement is shown as small circles within the concrete sections. The diagram is labeled 'R.C.C. COLUMN SECTION' and 'AS PER DETAIL GIVEN BY SIR. ENGINEER'.

6131.00	
11035.80	
5517.50	
16553.70	
16264.75	
5228.95	
1626.48	
0.00	
5228.95	

No. Of Unit	RESIDENTIAL Dwelling Unit Up 50 sq.mt				RESIDENTIAL Dwelling Unit more then 50 sq.mt and up to 66 sq.mt				Dwelling Unit more then 66 sq.mt and up to 80 sq.mt			
	No. Of Unit	F.S.I. AREA	% USED F.S.I.	Charg. F.S.I.	No. Of Unit	F.S.I. AREA	% OF USED F.S.I.	Charg. F.S.I.	No. Of Unit	F.S.I. AREA	% OF USED F.S.I.	Charg. F.S.I.
0	42	1495.10	100.00	516.02	0	0.00	0.00	0.00	0	0.00	0.00	0.00
0	0	0.00	0.00	0.00	84	4546.92	100.00	1461.79	0	0.00	0.00	0.00
0	0	0.00	0.00	0.00	35	1947.05	100.00	625.96	0	0.00	0.00	0.00
0	0	0.00	0.00	0.00	35	1947.05	100.00	625.96	0	0.00	0.00	0.00
0	0	0.00	0.00	0.00	84	4546.92	100.00	1461.79	0	0.00	0.00	0.00
0	42	1495.10	100.00	516.02	0	0.00	0.00	0.00	0	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	0	66.61	100.00	21.41
0	84	3210.20		1032.05	238	12987.94		4175.49	0	66.61		21.41

ed	% USD F.S.I.	Changeable
F.S.I.		F.S.I.
0.00	0.00	0.00
19.74	1032.05	19.74
79.85	4176.49	79.85
0.41	21.41	0.41
0.00	0.00	0.00
0.00	0.00	0.00
100.00	5228.95	100.00

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RESIDENCIAL AFFORDABLE HOUSING PROJECT		BLOCK-A	
SHEET NO. - 1	LAY-OUT PLAN SHOWING PROPOSED RESIDENCE BUILDING (AFFORDABLE) ON F.P. NO. 82, O. P. NO. 82, R.SUR NO. 673, DT. P. S. : 121(NARADA+HANSURA-KATHWADA), AT : NARODA, TA : ASARWA, DIST:AHMEDABAD.		
ZONE : RESIDENTIAL - I	USE : RESIDENCE(RAH)		
LAY-OUT TABLE	SCALE: 1 CM. = 2 MT.		
AREA TABLE	SQ.MTS.		
PLOT AREA OF F.P. NO. 82.		6131.00	
REQ. COMMON PLOT AREA @ 8%		490.48	
PROVI. COMMON PLOT AREA		495.94	
AREA TABLE	SQ.MTS.		
PLOT AREA.		6131.00	
PERMI F.S.I. : (1.80 X 6131.00)		11031.80	
CHARGEABLE F.S.I. : (0.90 X 6131.00)		5517.90	
MAX. PERMI F.S.I. (1.035.80 X 517.90)		16553.70	
TOTAL UTILIZED F.S.I.		16264.75	
UTILIZED CHARGEABLE F.S.I.		16264.75	
		26283.95	
R.C.C. STAIR DETAILS			
WIDTH	1.50 MT.		
THROW	0.25 MT.		
RISE	0.17 MT.		
GAP BETWEEN	0.15 MT.		
BALUSTEN-			
COLOUR NOTES:-			
F. P. BOUNDARY			
PROP. WORK			
PROP. DRAIN LINE			
COMMON PLOT			
ROAD			
P. WELL			
COMBIN.			
TOPE			

[illegible]

OWNER:- RANJAN PATEL C/O. NAGARAJA ENTERPRISES, NO. 10, K. S. ROAD, CHENNAI - 600 024. TEL NO. 0452260127 FAX NO. 0452260128	FOR SWASTIK INFRA DEV BUDHAPUR PARTNER  ENGINEER/COW:- 
--	--

RAJESH P. PATEL
STR. ENGINEER (GRADE II)
REG. NO. JENSESS2892D H1
101, AVARAYA APPTS.,
BANGALORE 16, INDIA
MR. USHAKRUPA UNDER BRIDGE,
USIMANGURU, AMMERGAD-12,
INDIA

1. *What is the main purpose of the study?*

2. *What are the research objectives?*

3. *What is the research methodology?*

4. *What are the results of the study?*

5. *What are the conclusions of the study?*

6. *What are the limitations of the study?*

7. *What are the implications of the study?*

8. *What are the future research directions?*

9. *What are the contributions of the study?*

10. *What are the key findings of the study?*

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Date : 20/12/2016
Sd/-
Inspector
(T.O.)
MAYANK SHAH
By T.D.O. North
Dy. NIC North

RESPONSIBILITY FOR THE DESIGN OF A BUILDING

THE DESIGN OF A BUILDING IS A COMPLEX TASK THAT INVOLVES THE COORDINATION OF MANY DIFFERENT DISCIPLINES AND PROFESSIONS. THE DESIGNER OF A BUILDING IS RESPONSIBLE FOR THE DESIGN OF THE BUILDING AND FOR THE COORDINATION OF THE DESIGN OF THE BUILDING. THE DESIGNER OF A BUILDING IS RESPONSIBLE FOR THE DESIGN OF THE BUILDING AND FOR THE COORDINATION OF THE DESIGN OF THE BUILDING.

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No. 11, 22/11/2015
IDO, BPSP, AMC

