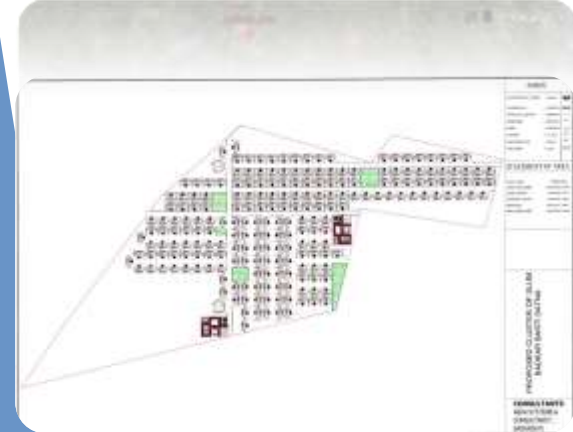
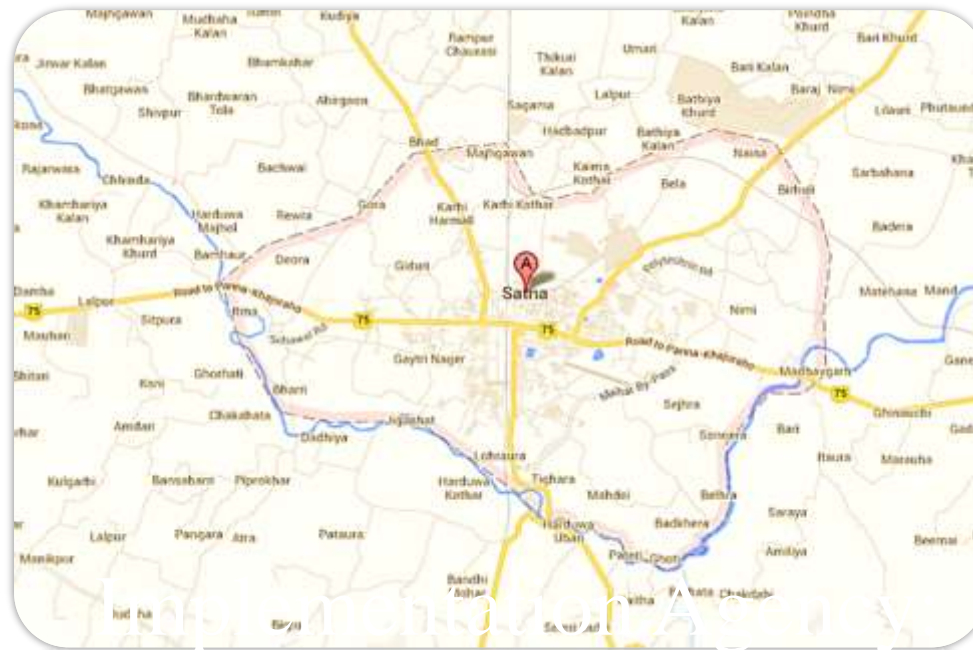


# Presentation on Detailed Project Report of Satna

UNDER RAJIV AWAS YOJANA



Technical Support from:  
**Abha System & Consultancy, Sagar**

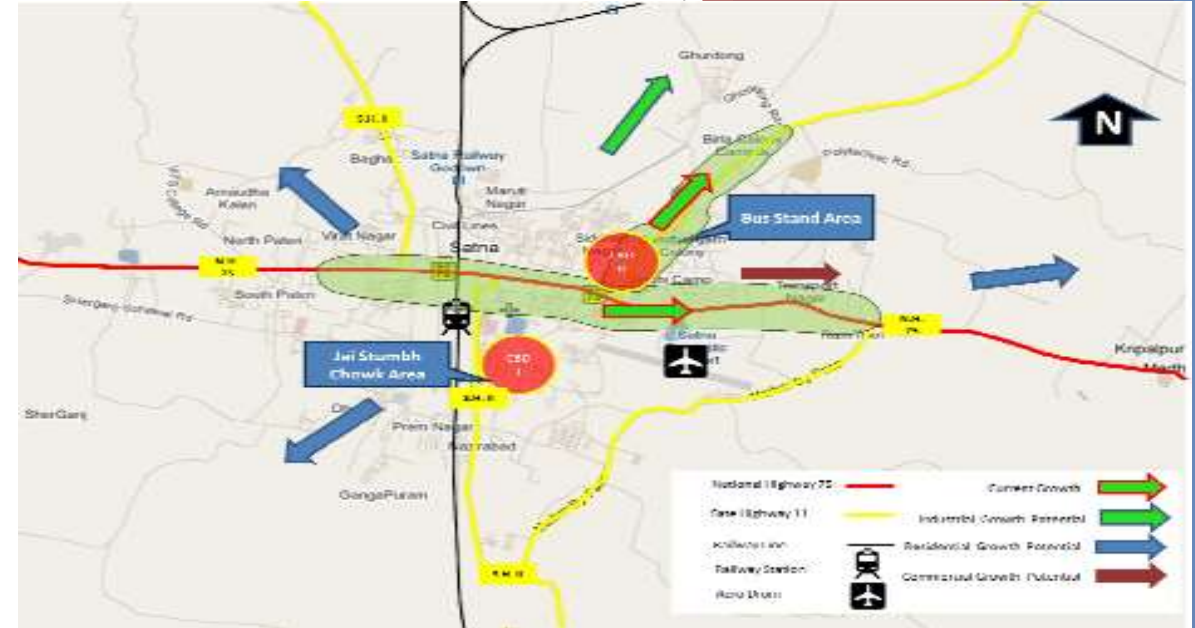
Nodal Agency:  
**Government of Madhya Pradesh**  
**Urban Development & Environment Department**



# Satna– an Overview

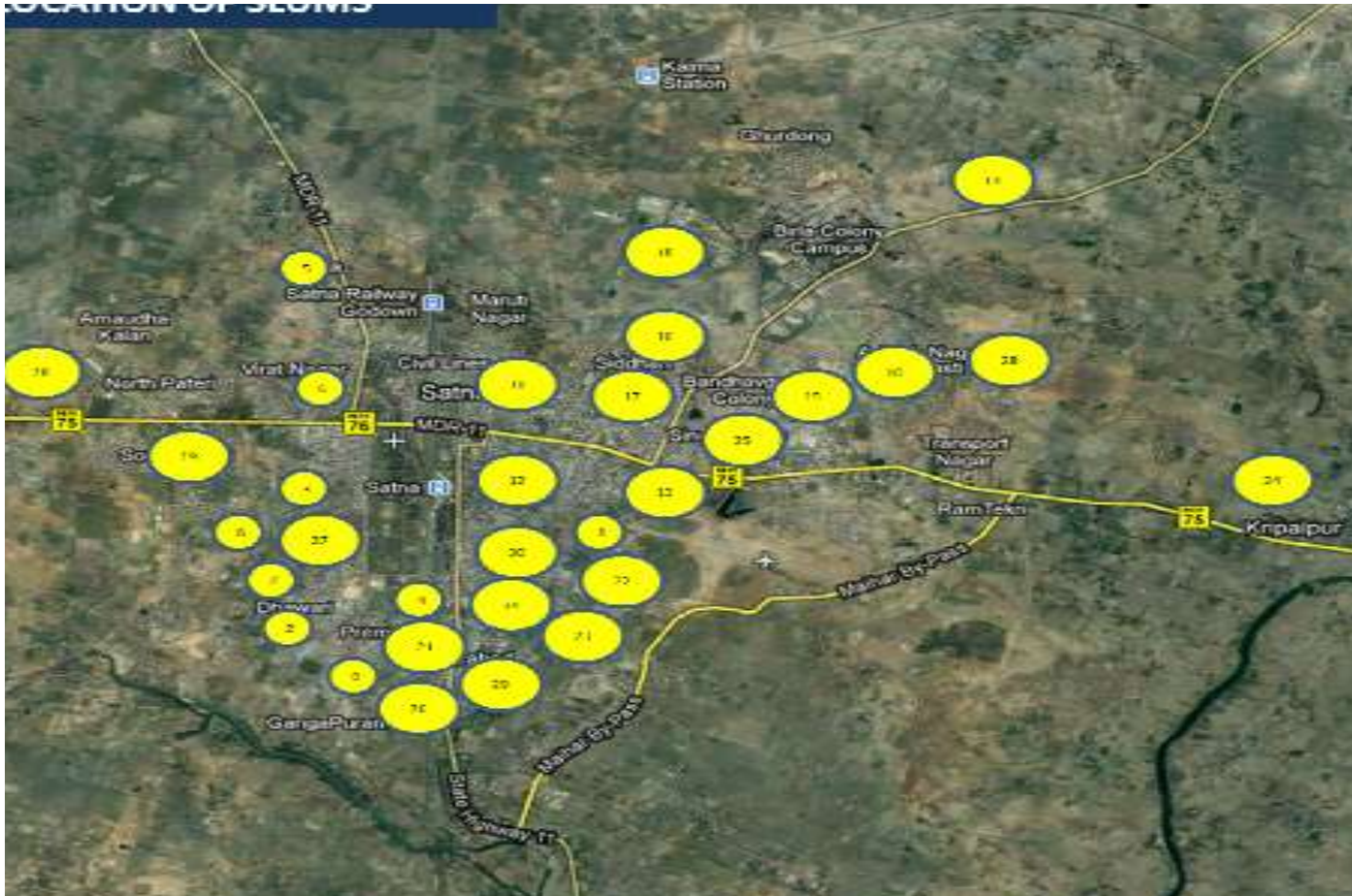
City	Satna
District	Satna
Population 2011	2,83,004
Geographic Location	24.16°N 80.83°E Elevation: 317 M above mean sea level
Connectivity	Road: Connected with Panna , Rewa  Rail : Allahabad,Jhansi, Jabalpur, Mumbai, Howrah, Delhi, Surat, and Bangalore  Air : No connectivity.
Division	<b>Rewa Administration Division</b>
City Administrator	Satna Municipal Corporation
Municipality Establishment	1948
Municipal Area	71.462 sq. km
Rural area (19 Villages)	40.416 sq. km
Planning Area	111.878 sq. km
Number of wards	42

Source: Satna CDP



- Satna town is the Divisional Head Quarter and occupies a strategic place on NH-75 interconnecting Panna and Rewa
- The total Planning area is divided into two parts: (i) Satna Nagar Palika Parishad area; and (ii) planning area which includes 19 villages
- The developed land area under CDP is 13.46% of total planning area.
- Major developments have taken in residential area, which constitutes 63% of the developed area, with an average residential density of 115 per Ha

# Slums In Satna



Number of Slums	55
Slum Population	56707
Households	10905
Average Household Size (no per HH)	5.2

- 42 wards together house 55 Slums, out of which 45 slums have been notified by SMC and 10 slums are non-notified.
- Most slums in Satna are located along roads or major drains/nallahs.

# Micro Planning through Community Participation



**Selection of Local Self Help Groups of Community**



**Training of Local Self Help Groups(SHG's)**



**Community Approval**



**Preparation of Lane Map by local people**

# Slums selected under DPR



# Justification for Selection of Slums

► The following slums were taken due to the following reasons:

1. As per 3x3 matrix parameters i.e. poverty (including Housing) and infrastructure deficiency analysis,
  - a) Adarsh Nagar figures in code 32, i.e. Very Poor Housing & Poverty and Poor Infrastructure condition
  - b) Badhkar Basti figures in code 33, i.e. Very Poor Housing & Poverty and Poor Infrastructure condition
  - c) Narayan Talab Basor Basti figures in code 33, i.e. Very Poor Housing & Poverty and Poor Infrastructure condition
  - d) Uchwa Tola figures in code 32, i.e. Very Poor Housing & Poverty and Poor Infrastructure condition.
2. Bad Solid Waste & Sanitation Condition in both the Slums.

Construction Type / Name of Slum	Kutcha Houses	%age of Kutcha Houses	Semi Pucca Houses	% age of Semi Pucca Houses	Pucca Houses	%age of Pucca Houses	Total HHs
Adarsh Nagar	31	25.83%	85	70.83%	4	3.33%	120
Badhkar basti	268	44.97%	320	53.69%	8	1.34%	596
Narayan talab Basor basti	86	33.20%	170	65.64%	3	1.16%	259
Uchwa Tola	22	22.22%	75	75.76%	2	2.02%	99

# Profile of Selected Slums

Characteristics	Slum 1	Slum 2	Slum 3	Slum 4
<b>Name of Slum</b>	<b>Adarsh Nagar</b>	<b>Badhkar basti</b>	<b>Narayan talab Basor basti</b>	<b>Uchwa Tola</b>
<b>Population</b>	628	3256	1289	465
<b>Household</b>	120	596	259	99
<b>Ward no</b>	23	12	22	37
<b>Age of Slums in Years</b>	30 - 35 Years	65-70Years	20-25 Years	20-25 Years
<b>Gross Area of Slum in Ha</b>	12.08	7.48	1.18	1.77
<b>Health Facilities (Within 2km Range) Hospital</b>	1	1	1	1
<b>Nursing Home</b>	8	2	1	1
<b>Private Clinic</b>	2	2	3	3
<b>Total school going Population (6-18 years)</b>	72	132	181	181

# Proposed Strategy- Adarsh Colony Basti

Proposed Strategy	In-situ Redevelopment (Also to accommodate the 177 Households of Narayan talab basor Basti and Rental Housing of 120.
No. of Dwelling Units	554
Land Ownership	Government Land

## Socio-Economic Profile of selected Slums

S. No.	Name of Slum	SC Population	ST Population	OBC Population	Others Population	Total Population	Minority Population
1	Adarsh Colony	95	119	260	18	492	-

# Slum Location - Adarsh Colony Basti





# Proposed Strategy- - Basor Basti

Proposed Strategy	In situ redevelopment plus Partial Relocation of 178 HH to Adarsh Nagar .
No. of Dwelling Units	82
Land Ownership	Combination of Govt and Non-Govt Land

## Socio-Economic Profile of selected Slums

S. No.	Name of Slum	SC Population	ST Population	OBC Population	Others Population	Total Population	Minority Population
1	Basor Bastiolony	434	323	46	6	811	-

# Slum Location - Basore Basti



# Layout Plan- Basore Basti



# Proposed Strategy- Badkhar Basti

Proposed Strategy	In situ redevelopment
No. of Dwelling Units	596
Land Ownership	Government Land

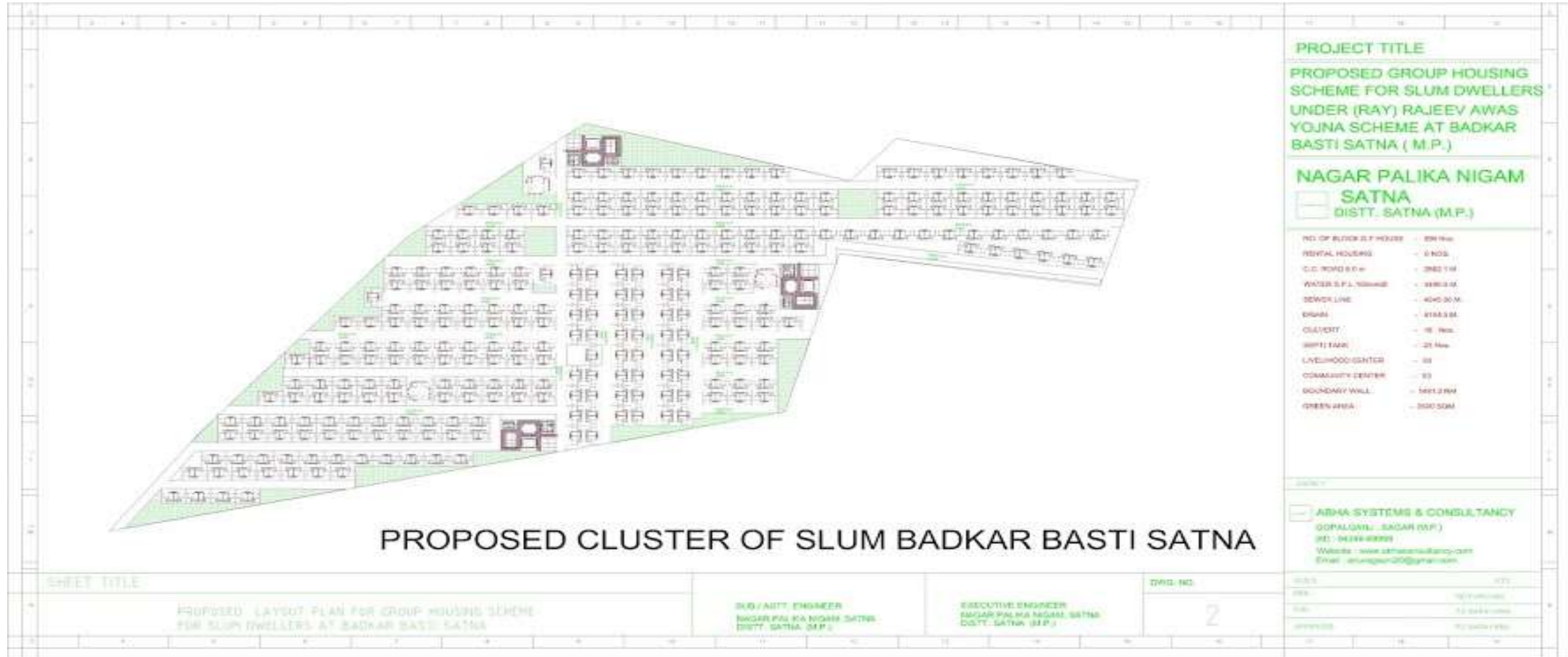
## Socio-Economic Profile of selected Slums

S. No.	Name of Slum	SC Population	ST Population	OBC Population	Others Population	Total Population	Minority Population
1	Badkar Basi	1020	905	190	54	2177	-

# Slum Location - Badkhar Basti



# Layout Plan- Badkhar Basti



# Proposed Strategy- Uchava tola

Proposed Strategy	In situ redevelopment
No. of Dwelling Units	100
Land Ownership	Government Land

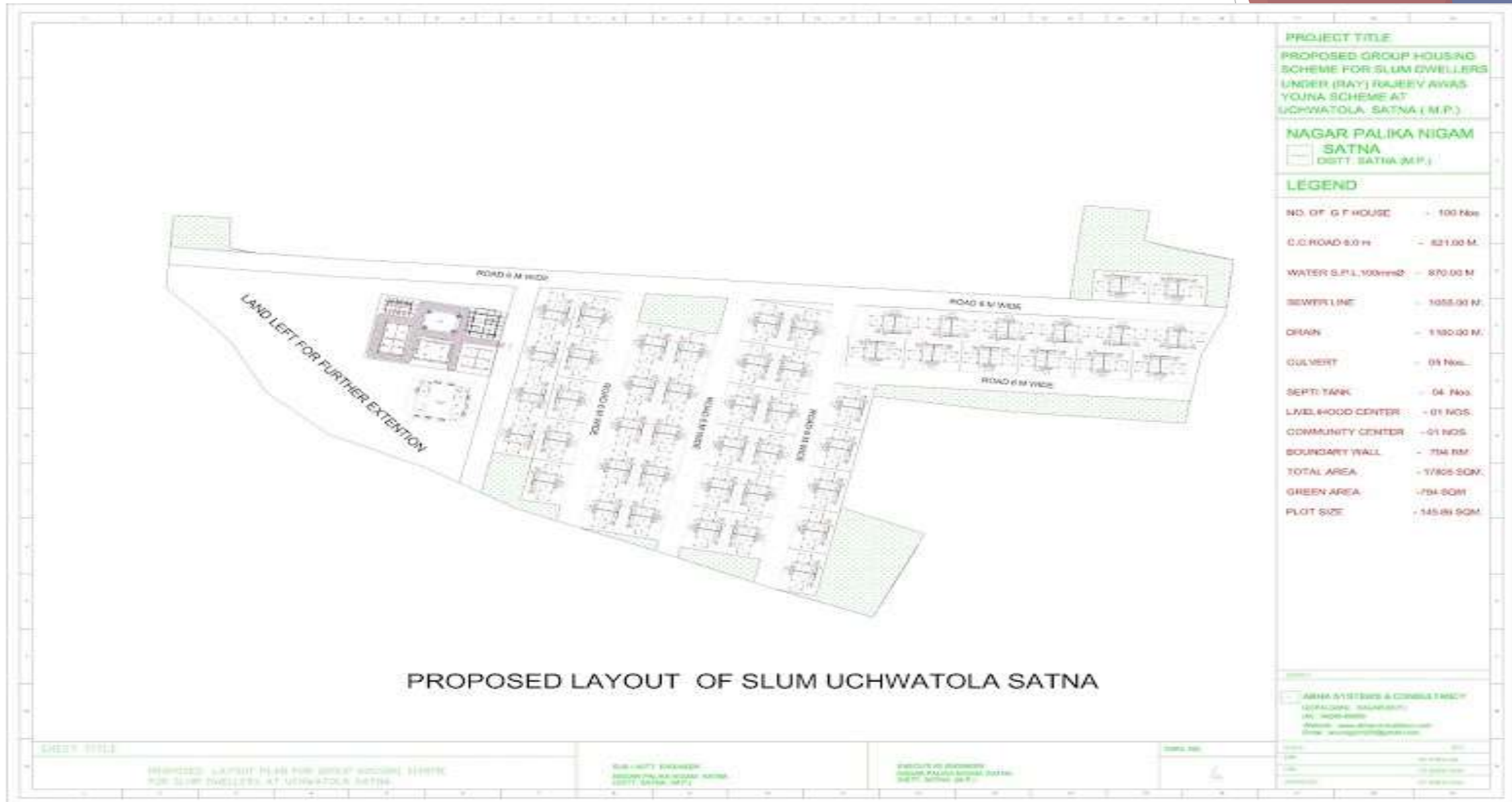
## Socio-Economic Profile of selected Slums

S. No.	Name of Slum	SC Population	ST Population	OBC Population	Others Population	Total Population	Minority Population
1	Uchawa Tola	137	68	164	95	465	-

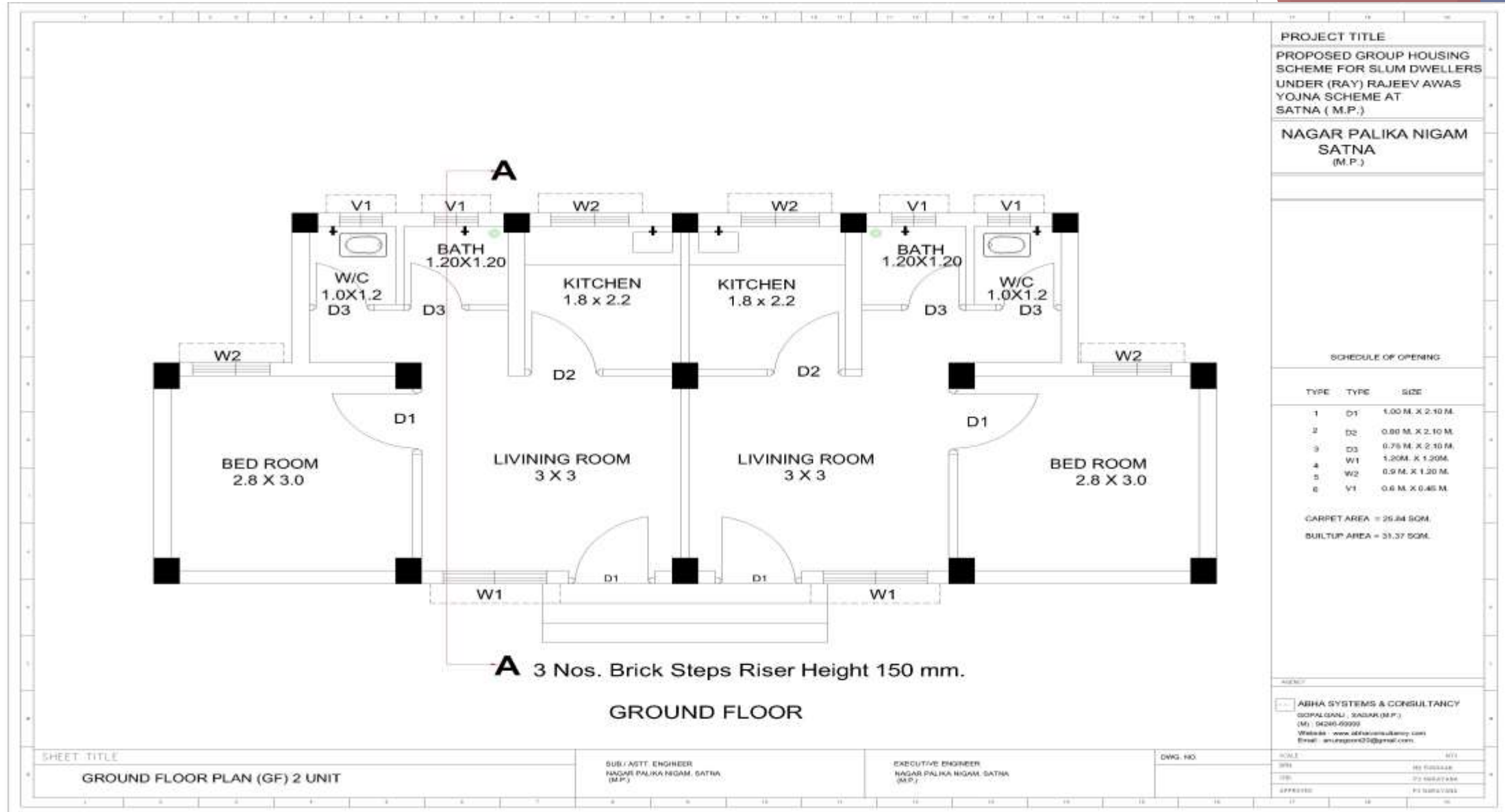
# Slum Location - Uchava tola



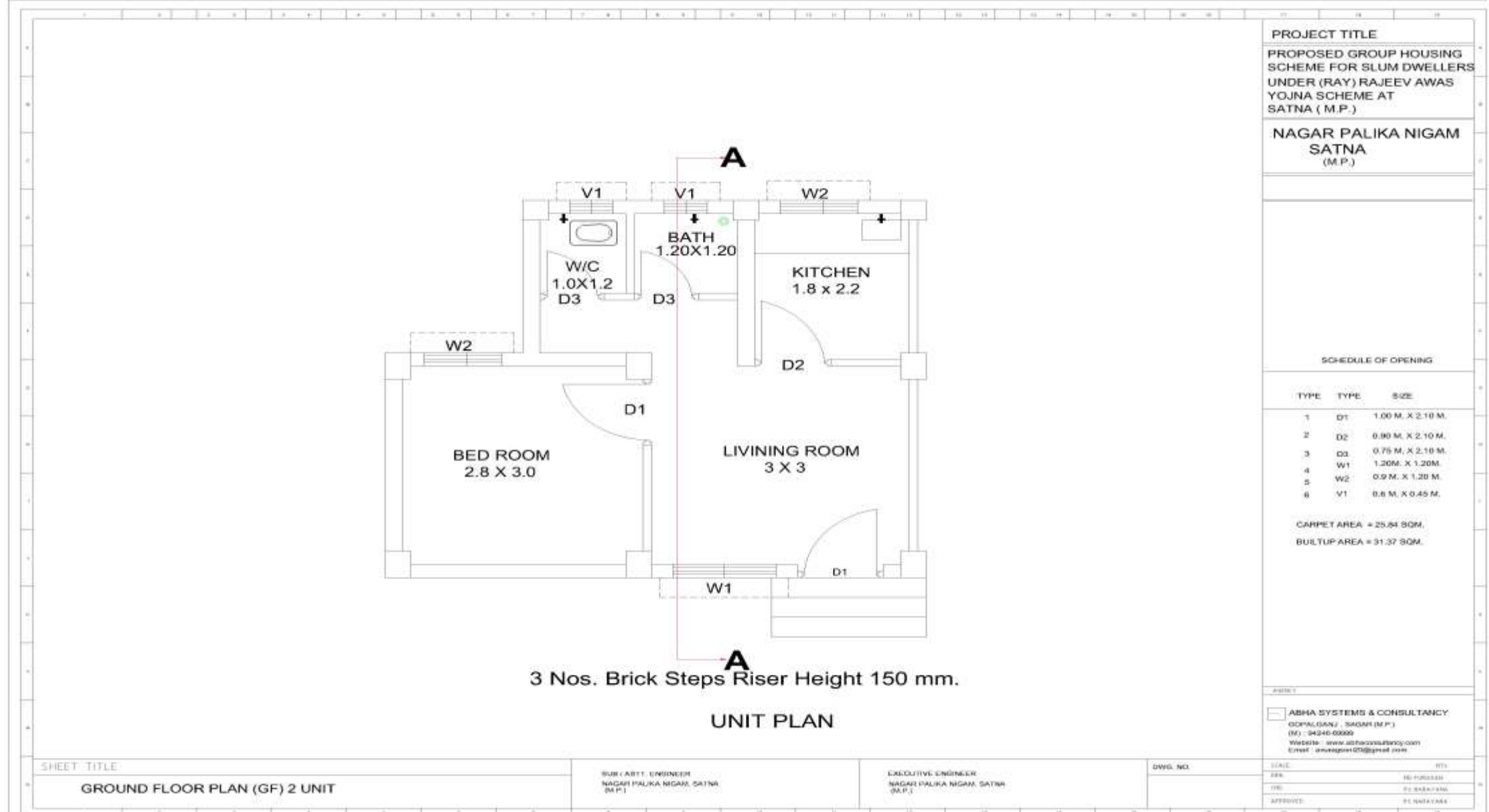
# Layout Plan- Uchava Tola



# Block Unit Layout



# Dwelling Plan



Summary of Cost for DPR of Satna										
S. No.	Scheme Component	Type	Qty.	Rate (in Rs/Unit)	Proposed Project Cost	Appraised Project Cost	Central share	State Govt. Share	ULB Share	Beneficiary Share
A. HOUSING			DUs							
1	New in-situ	Single Storied	1076	365600.00	3933.86	3933.86	2421.00	484.20	0.00	1028.66
2	Rental	Single Storied	256	328400.00	840.70	840.70	576.00	115.20	149.50	0.00
	Total Housing Cost Sub Total (A)				4774.56	4774.56	2997.00	599.40	149.50	1028.66
B. INFRASTRUCTURE										
1	Roads									
(i)	CC Road	sqmt	37980	990.50	376.19	376.19	215.14	43.03	118.02	0.00
(ii)	BT Road									
(iii)	Interlocking Block									
(iv)	Culverts	Nos	62	35803.00	22.20	22.20	12.69	2.54	6.96	0.00
2	Water Supply									
(i)	UGSR									
(ii)	SR									
(iii)	Pipeline (Rising Main & Distribution) DI Pipes	RM	8324.00	1330.00	110.71	110.71	63.31	12.66	34.73	0.00
(iv)	Sumpwell including tube well	ltr	880200.00	15.00	132.03	132.03	75.51	15.10	41.42	0.00
3	Storm Water Drains									
(i)	Main drain	RM	11296.80	1896.70	214.27	214.27	122.54	24.51	67.22	0.00
(ii)	Distribution Drain									
4	Sewerage									
(i)	Pipeline	RM	10106.00	1757.00	177.56	177.56	101.55	20.31	55.71	0.00
(ii)	Septic Tank	Nos	53	114000.00	60.42	60.42	34.55	6.91	18.96	0.00
(iii)	Sewerage Treatment Plant									
5	Electrification									
(i)	HT/LT / supply line works / street light pole and transformers	No of Poles	422.00	59971.56	253.08	253.08	144.74	28.95	79.40	0.00

## Summary of Cost for DPR of Satna

SL.	Scheme Component	Type	Qty.	Rate (in Rs/Unit)	Proposed Project Cost	Appraised Project Cost	Central share	State Govt. Share	ULB Share	Beneficiary Share
6	Solid Waste Management	Nos	72	10000.00	7.20	7.20	4.12	0.82	2.26	0.00
7	Compound Wall Fencing									
8	Rain water Harvesting	Nos	33	74060.61	24.44	24.44	13.98	2.80	7.67	0.00
9	Temporary Transit Housing	Nos	350	22000.00	77.00	77.00	44.04	8.81	24.16	0.00
Social Infrastructure										
10	Parks	Sqm	10928.00	110.00	12.02	12.02	6.87	1.37	3.77	0.00
11	Community center	Nos	6	1545726.00	92.74	92.74	53.04	10.61	29.10	0.00
12	Livelihood Center	Nos	5	1213000.00	60.65	60.65	34.69	6.94	19.03	0.00
13	Plantation (With Tree guard)	Nos	132	2000.00	2.64	2.64	1.51	0.30	0.83	0.00
14	Boundary Wall	RM	4416.5	2800.00	123.66	123.66	70.72	14.14	38.80	0.00
	Sub Total (B)				1746.81	1746.81	999.00	199.80	548.01	0.00
	Total (A+B)				6521.37	6521.37	3996.00	799.20	697.52	1028.66
C. OPERATION & MAINTENANCE COST										
1	O&M Cost @ 4% (for regular house & infrastructure components)				227.23	213.80	160.35	32.07	21.38	0.00
	Sub Total (C)				227.23	213.80	160.35	32.07	21.38	0.00
	Sub Total (A+B+C)				6748.60	6735.17	4156.35	831.27	718.90	1028.66
D. OTHER COSTS										
1	DPR Preparation, Project Management, Supervision, Quality Control, Capacity Building, Community Mobilization, Social Audit and TPIM - @ 5%				326.07	326.07	0.00	326.07	0.00	0.00
	Sub Total (D)				326.07	326.07	0.00	326.07	0.00	0.00
	Grand Total (A+B+C+D)				7074.67	7061.24	4156.35	1157.34	718.90	1028.66

**Municipal Corporation, Satna**



**Government of Madhya Pradesh Urban  
Administration and Development Department**

**THE END**