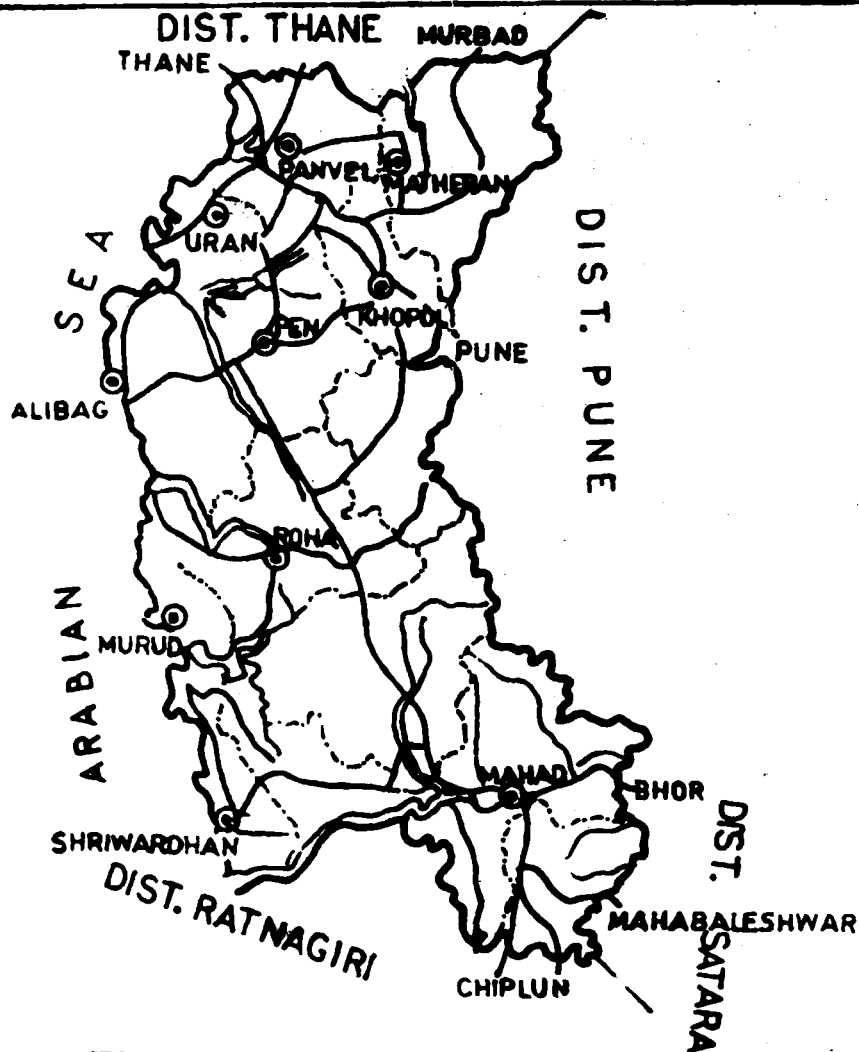

TOWN DIRECTORY



TRICT : RAIGAD

TOWN PLANNING AND VALUATION DEPARTMENT

MAHARASHTRA STATE

URBAN RESEARCH CELL PUNE

TOWN DIRECTORY

VOL XXIII

RAIGAD

1986

C O N T E N T S

	PAGE
00 Introduction	i - ii
00 Raigad District At a Glance	iii - vi
00 <u>MUNICIPAL COUNCILS</u> -	
* Alibag	1 - 14
* Khepoli	15 - 28
* Mahad	29 - 44
* Matheran	45 - 57
* Murud-Janjira	58 - 72
* Panvel	73 - 86
* Pen	87 - 100
* Roha Astani	101 - 114
* Shriwardhan	115 - 127
* Uran	128 - 141
00 <u>M A P S</u> -	
* Map of Maharashtra State showing position of Raigad District.	vii
* Map showing location of Municipal Councils in Raigad District.	viii

Map showing the existing & proposed
land-use of Municipal
Councils.

			PAGE
0 Alibag	....	....	IX - X
0 Khopoli	....	....	XI - XII
0 Mahad	....	....	XIII - XIV
0 Matheran	....	....	XV - XVI, XVII
0 Murud-Janjira	....	....	XVIII - XIX
0 Panvel	....	....	XX - XXI, XXII
0 Pen	....	....	XXIII - XXIV, XXV
0 Roha Astami	....	....	XXVI - XXVII
0 Shriwardhan	....	....	XXVIII - XXIX
0 Uran	....	....	XXX - XXXI, XXXII, XXXIII

- oOo -

Published by
The Dy. Director of Town Planning,
Urban Research Cell
Pune

- oOo -

I N T R O D U C T I O N

I. General -

1. Maharashtra is the most urbanised State in India with a proportion of urban population of 31.2% as against the national average of 19.9% as per 1971 Census. Final results of 1981 Census are now published which indicate that urbanisation in the State is 35.3%.

2. As per 1981 Population Census and subsequent to the merging of 11 Municipal Councils and 14 Non-Municipal Areas in the newly constituted 6 Municipal Corporations and the establishment of 6 New Municipal Councils by merging therein 4 Non-Municipal Areas and Revenue villages, there are now 11 Municipal Corporations, 216 Municipal Councils, 7 Cantonments and 57 Non-Municipal Areas making the total of 291 Urban Areas in Maharashtra State. Of the total 216 Municipal Councils, 22 are 'A' Class, 44 are 'B' Class, 144 are 'C' Class and 6 are Hill Station Municipal Councils.

3. Towns in Maharashtra are at different level of development. They differ from one another in several respects. Their regional settings, functional characteristics, economic base, infrastructural development, per capita income and expenditure, present a heterogeneous picture. Hence various measures are adopted to achieve a balanced development.

II. Object and Scope -

1. The Registrar General of Census and various other Agencies present the urban statistics in different forms. However, we have compiled the information from the available census publications, Municipal Year Book published

by the Directorate of Economics and Statistics, the District Gazetteer and the Development Plan Reports prepared for each of the towns by this Department. While compiling the information for a town, it is observed that reference period varies from one source to another. Hence such a compiled information in a precise form is brought upto-date to a specific reference year by contacting the concerned authorities of the town.

2. Such a townwise information for the towns in particular district is being published by the Urban Research Cell of the Town Planning & Valuation Department, M.S.Pune. Uptill now, the Town Directory for 21 districts in the State have been published and circulated to various Agencies.

3. Present Town Directory (Volume No.XXII) relates to Raigad District. There are 10 Municipal towns in the district viz., i) Alibag, ii) Khopoli, iii) Mahad, iv) Matheran, v) Murud, vi) Panvel, vii) Pen, viii) Roha Astami, ix) Shrivardhan and x) Uran. ^{Panvel (and Khopoli) have B class municipal Council and other} ~~All these~~ towns have 'C' Class Municipal Councils. In the following pages, information regarding each of the above Municipal towns has been presented separately in respect of different items relating to the latest available year.

4. Similar volumes of other Districts in Maharashtra will be issued in due course. However, to be really useful, Town Directory will have to be updated periodically. If the idea of compiling and presenting such a Town Directory is appreciated and found useful, the same would be updated accordingly.

RAIGAD DISTRICT AT A GLANCE

Item 1	Unit 2	Description 3
1) <u>LOCATION</u> :		
1.1	Latitude	Degree: 17°-52' to 19°-3' N
1.2	Longitude	" : 70°-7' to 73°-2' E
2) <u>CLIMATE</u>		
2.1	Rainfall (1980)	mm. : 1952
2.2	Temperature	
	a) Maximum (1980)	Centi-: 33.2
	b) Minimum (1980)	grade. " : 18.0
3) <u>AREA AND POPULATION</u> :		
(1981 Census)		
3.1	Total Area	sq. km. : 7148.0
3.2	No. of Villages (1971)	No. : 1766
3.3	No. of Towns	" : 14
3.4	Total Population	" : 1486452
3.5	Total Rural Population/ Percentage to total population.	No. /% : 1276576 / 85.88
3.6	Total Urban Population/ Percentage to total population.	" : 209876 / 14.12
3.7	Density of Population	Per sq. km. : 208
3.8	Sex Ratio	Females : 1046 per 1000 males.
3.9	Total Main Workers	No. : 555728
3.10	Percentage of Total Main Workers to total Population.	% : 37.39
4) <u>AGRICULTURE</u> (1979-80)		
4.1	Total Geographical Area	00 Ha : 6869
4.2	Area under Forest	" : 1616
4.3	Area not available for cultivation	" : 1656

1	2	3
4.4 Other Uncultivated land excluding Fallow land	00 Ha :	1175
4.5 Fallow Land	" :	519
4.6 Net Area Sown	" :	1903
4.7 Area Sown more than once	" :	1308
4.8 Gross cropped Area	" :	3211
4.9 Total Net Area Irrigated	" :	89
4.10 Percentage of Net Area irrigated to Net Area sown.	% :	5
4.11 Major Crops of the Distt.	Name :	Rice, Nagali, Wal, Coconut, (Sesame)
5) <u>INDUSTRIES</u> (1980)		
5.1 Total No. of Working Factories	No. :	105
5.2 Average Daily Employment	" :	11409
5.3 Total No. of Registered Factories	" :	148
5.4 Total Workers in Registered Factories	" :	14007
5.5 No. of Workers employed in Registered Factories per lakh of Population (1981 Census)	" :	942
6) <u>CO-OPERATION</u> (1980-81)		
6.1 Total No. of Co-operative Societies.	No. :	990
6.2 Total No. of Members	'000' :	250
6.3 Total Loans advanced	Crores of Rs. :	870
7) <u>MEDICAL & PUBLIC HEALTH</u>		
7.1 Hospitals (1980)	No. :	8
7.2 Dispensaries	" :	21
7.3 Primary Health Centres	" :	32
7.4 No. of Beds in Hospitals & Dispensaries.	" :	718
7.5 Beds per lakh of Population (1981 Census)	" Per :	48
7.6 Birth Rate (1978)	'000' :	29.6
7.7 Death Rate (1978)	" :	11.4
7.8 Veterinary Hospitals & Dispensaries.	No. :	18

	1	2	3
8) EDUCATION (1981-82)			
8.1 Primary Education			
a) Institutions	No.	:	2250
b) Students	'000'	:	253
8.2 Secondary Education			
a) Institutions	No.	:	149
b) Students	'000'	:	71
8.3 Higher Education			
a) Institutions	No.	:	5
b) Students	'000'	:	4
8.4 Percentage of School going Children			
a) In age group of 6-11 years.	%	:	NA
b) In age group of 11-14 years.	"	:	NA
8.5 Percentage of Literacy			
a) Total	%	:	45.59
b) Rural	"	:	42.23
c) Urban	"	:	66.01
9) TRANSPORT & COMMUNICATION (1980-81)			
9.1 Total Railway Length	Km.	:	131.37
9.2 Total Municipal Road Length	"	:	4375
9.3 Length of Roads per 100 sq.km.area	"	:	61
9.4 Length of Roads per lakh of Population(1981 Census)	"	:	294.33
9.5 Total No.of Post Offices	No.	:	364
9.6 Total No.of Telegraph Offices	"	:	62

	1	2	3
10) OTHERS (1979)			
10.1	Total No.of Banking Offices	No. :	120
10.2	No.of Banking Offices per lakh of Population (1981 Census)	" :	8
10.3	No.of Police Stations	" :	23
10.4	No.of Police Out-Posts	" :	25
11) MISCELLANEOUS			
11.1	No.of Urban Centres	No. :	16
11.2	No.of Municipal Towns	" :	10
11.3	No.of Municipal Towns for which Dev.Plans prepared/sanctioned.	" :	10/10
11.4	No.of Non-Municipal Towns for which Dev.Plan prepared/sanctioned.	" :	1/Nil
11.5	No.of Municipal Towns for which Revised Dev.Plan prepared/sanctioned.	" :	2/2
11.6	No.of Town Planning Schemes/sanctioned schemes.	" :	2/Nil
11.7	Regional Plans prepared/sanctioned.	" :	Nil

A L I B A G

1. NAME OF TOWN : Alibag.
2. GEOGRAPHICAL LOCATION AND ADMINISTRATIVE FUNCTIONS. : Latitude - 18° 39' N
Longitude - 72° 53' E

Alibag is a 'C' class Municipal Town in Raigad District. Alibag town is located along the sea coast and is situated 22 km from Rewas by sea and 126 km from the State Headquarters of Bombay by road.

Alibag is the district as well as tahsil headquarters. The nearest railway station for this town is Panvel which is 67 km. away from this town. The Municipal Council was established in 1864. The area included in the municipal limits is 181.00 Hectares.

3. GEOGRAPHY AND PHYSICAL FEATERS. : Alibag has got beautiful good stretch of sea coast. Alibag is sloping towards sea. On the East of the town, the lands are marshy and get covered with water during high tides. On the north of the town, there are agricultural lands. The location of the town is in hot and temperate region and in the areas covered by the South-Western prevailing wind.

The physical aspect of the town are as under -

- i) Altitude - 7.0 mt. above M.S.L.
- ii) Rainfall - 2080.0 mm.
- iii) Temperature
 - a) Maximum - 36.8° c
 - b) Minimum - 13.4° C

: Alibag being a coastal town the daily and seasonal variations of temperature are not very large. The weather is generally sultry. Winds are very strong from west or south-west during monsoon season, while they are moderate during winter season and generally blow from directions between north-east and south-east.

4. BRIEF HISTORY

: The existence of Alibag can be traced from the end of 17th Century A.D. Present Alibag seems to be the extension of the old settlement known as Ramnath. Ramnath owed its importance to the Naval headquarters of Navy Chief Kanhoji Angre. The major portion of the present Alibag was always inundated by sea tides. The part of the city was, however, reclaimed by constructing the bund along the sea coast. In this portion of the town were numerous large gardens of coconut and betlenuts and most of these gardens were owned by Ali, and thus the town has derived the name after him and is known as Alibag.

5. DEMOGRAPHY

a) Population

	1941	1951	1961	1971	1981
	6526	8181	9909	11913	14051
	1941-51	1951-61	1961-71	1971-81	
	+25.36	+21.12	+20.22	+17.95	

1. Cultivators (I)		119	50	17.10
ii) Other than Household Industries		163	105	11.08
2. Construction		41	2	11.08
II) TOTAL-Secondary Sector		269	131	11.08
e) Occupational Structure				
I) As per 1971 Census				
Sr. Category		Workers	% of workers	
No. of		Males	Females	Total
1. Cultivators		119	50	17.10
2. Agricultural Labourers		48	13	13.00
3. Livestock, Forestry, Fishing, Hunting and Plantations etc.		380	16	11.08
4. Mining and Quarrying		12	11	11.08
I) TOTAL-Primary Sector		549	69	17.10
5. Manufacturing, Processing, Servicing and Repairs				
1) Household Industries		65	24	11.08
ii) Other than Household Industries		163	105	11.08
6. Construction		41	2	11.08
II) TOTAL-Secondary Sector		269	131	11.08

Contd.

Contd...

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
7.	Trade & Commerce	504	212	
8.	Transport, Storage and Communications.	197	3	
9.	Other Services	1374	305	
III) TOTAL-Tertiary Sector		2075	520	71.82
TOTAL WORKERS(I+II+III)		2893	720	100.00

II) As per 1981 Census

1	2	3	4	5
1.	Cultivators (I)	76	27	2.18
2.	Agricultural Labourers(II)	40	11	1.08
3.	Household Industry, Manufacturing, Processing, Servicing & Repairs (Va)	99	33	2.79
4.	Other Workers (III, IV, Vb & VI to IX)	3399	723	87.09
5.	TOTAL - Main Workers (I to IX)	3614	794	93.13
6.	Marginal Workers	43	282	6.87
7.	TOTAL WORKERS (Sr. No.5+6)	3657	1086	100.00

f) Disabled population
by type of disability
(1981(P) Census)

Totally Blind	:	Totally Crippled
6	:	2
Totally Dumb	:	Total No. of Phy- sically Handi- capped.
2	:	10

g) Age Structure
(1971 Census)

Age Groups			
0-14	15-39	40-59	60 & above
4109	5363	1834	607
Age not stated			Total
-			11913

h) Literacy (%)

- i) 1971 Census
- ii) 1981 Census

Males	Females	Total
70.63	56.61	63.82
76.56	62.00	69.53

i) Town Density

i) 1971 Census	-	66 Persons per Ha.
ii) 1981 Census	-	78 "

6. AVAILABILITY
OF PHYSICAL
INFRASTRUCTURE
(1981-82)

- a) i) No. of Households (As per 1981 Census) : 2841
- ii) No. of Occupied Residential Houses (As per 1981 Census). : 2798

b) Water Supply : Chlorinated piped water supply is provided to the town. The water is taken from Veshvi Tank. Present water supply is inadequate. The per capita daily water supply is about 90 Litres.

i) No. of Public Stand - 18 Posts.

ii) No. of Household - 726 connections.

c) Drainage : There is no underground drainage scheme in the town. At present surface drainage system is in operation. The sullage water is collected and carried in the sea. The length of kutch gutter is 19520 Mt.

d) Electricity : The electricity is supplied to the town by the Maharashtra State Electricity Board. Its sub-station is located at a distance of 1 km.

e) Transport and Communications : I) Transport -

A) Rail - Alibag town is not approachable by Railway. The nearest railway station is Panvel.

B) Roads - i) External -

Alibag is connected with Pen and Khopoli by Alibag-Khopoli State Highway. This town is connected with Revas port and Roha by the Major District Roads.

ii) Internal - The main bazar road serves basic commercial need as most of the commercial activity is seen on this road. The road system in general is not satisfactory. There are 9 internal roads.

: The total length of roads within municipal limits according to different types is as under :-

- a) Black Topped Road - 10.10 km.
 - b) Cement Concrete Road. - 0.40 "
 - c) W.B.M.Road - 5.73 "
- 16.23 "

iii) Availability of City buses for intracity movement -
The facility of city bus service is not provided to the town. The local transport consists of tongas and rickshaws.

II) Communications -

- i) No. of Telephone connections installed - 329
- ii) No. of Post Offices - 1
- iii) No. of Telegraph Offices. - 1
- iv) No. of Post Offices having telegraph facility. - 1

f) Fire Service

: Fire service is not^{made}/available to the town.

7. AVAILABILITY
OF SOCIAL
INFRASTRUCTURE
(1982-83)

a) Education -

The primary schools are run by the Zilla Parishad and Private Institutions.

I) Primary -

i) No. of Pre-primary Schools	:	3
ii) No. of Students	:	261
iii) No. of Primary Schools	:	8
iv) No. of Students	:	2245
v) No. of Primary Schools in own premises.	:	Nil
vi) No. of Primary Schools in hired premises.	:	8
vii) No. of Primary Schools having Playground facility.	:	3

II) Secondary -

Secondary schools are run by Private institutions.

i) No. of Secondary Schools	:	2
ii) No. of Students	:	1905
iii) No. of Secondary Schools in own premises.	:	2
iv) No. of Secondary Schools in hired premises.	:	Nil
v) No. of Secondary Schools having playground facility.	:	2

III) Higher -

i) No. of Colleges	:	3
ii) No. of Students	:	1216
iii) No. of Colleges having Playground facility.	:	1

IV) Technical -

The facility of Technical Education is not provided to the students of the town.

b) Health

- i) No. of Public Dispensaries. : 12
- ii) No. of Public Hospitals. : 1 Civil Hospital and Jijamata Trust Hospital.
- iii) No. of Beds : 221 Bed (Civil Hospital) + 50 Beds (Jijamata Trust Hospital)
- iv) No. of Veterinary Dispensaries. : 1 (Run by Zilla Parishad)
- v) No. of Public Latrines. : 11 (Seats - 44)
- vi) No. of Slums / Zopadpatties. : Nil
- vii) Slum Population residing in Slum areas/Zopadpatties. : Nil

c) Recreational facilities and amenities.

- i) No. of Parks and Gardens. : Parks - 2
Gardens - Nil.
- ii) No. of Clubs : 3
- iii) No. of Public Libraries. : 2
- iv) No. of Public Playgrounds. : 1 (Area - 9911 Sq.mt.)
- v) No. of Public Meeting Places . : 1 (Area - 1200 Sq.mt.)

- vi) Availability of open space per 1000 population * (As per 1981 Census) : 768 Sq.Mtrs.
- vii) No. of Cinema Theatres. : 2
- viii) No. of Drama Theatres. : 1 (Open Air)
- ix) No. of Swimming Pools. : 1
- x) No. of Gymnasia : 1

* NOTE : Open space includes the area of public playgrounds and public meeting places.

8. OTHER FACILITIES :
IN THE TOWN
(1982-83)

- a) Agricultural Produce : The Agricultural Produce Market Committee at Alibag was established in the year 1965. It has brought under its regulation the commodities like rice, paddy, vegetables, coconuts, betelnuts. The area of operation of the Agricultural Produce Market Committee extends over 108 villages. The area of market place is 49900 Sq.Mts.
- b) Weekly Bazar : The Weekly Bazar is not held on any specific day.
- c) Vegetable Market : A vegetable Market is constructed by the Municipal Council.
(Area-2957.39 Sq.mt.)

- d) Fish & Mutton Market. : There is one Fish and Mutton market constructed in the town.
(Area - 222.18 Sq.Mt.)
- e) No. of Organised Shopping Centres. : 3
No. of Shops : 22
- f) No. of Banks : 6 - (Nationalised - 3
(Commercial - 1
(Co-operative - 2)
- g) No. of Registered Shops/Establishments. : 437
- h) No. of Police Stations. : 1
- i) No. of Police Out Posts or Chowkies : Nil
9. INDUSTRIES IN THE TOWN (1982-83) : As per 1971 Census the functional classification of the town is 'Service'. There are 20 smallscale industries of different types functioning in Alibag town viz. Enginnering Works, Plastic Industries, Rice and Poha Mills, Printing Press, Ice factory etc. The total number of employees working in them are 88.

10. INCOME AND EXPENDITURE OF ALIBAG MUNICIPAL COUNCIL (1981-82)

I) Income

- a) Total Tax Revenue : Rs.1144609
- b) Per Capita Tax Revenue : Rs.81.46
(As per 1981 Census)

- c) Total Non-Tax Revenue : Rs.1014084
inclusive of Grants &
Loans & excluding extra-
ordinary debts).
- d) Per Capita Non-Tax : Rs.72.17
Revenue inclusive of
Grants & Loans
(As per 1981 Census)
- e) Total Income (inclusive : Rs.3269873
of opening balance but
excluding Extraordinary
Debts.)
- f) Per Capita Total Income : Rs.232.71
inclusive of opening
balance but excluding
Extraordinary Debts.

II) Expenditure

- a) Total Expenditure : Rs.2681969
excluding Extraor-
dinary Debts,
Deposits & closing
balance.
- b) Per Capita total : Rs.190.87
Expenditure exclud-
ing Extraordinary
Debts, Deposits and
closing balance.
(As per 1981 Census)

11. BREAK UP
OF LAND USE
(As per Dev. Plan)

(Area in Hectares)

Sr. No.	Type	Area as per	
		Existing land-use	Proposed land-use
Reference Year		1981	2001
1.	Residential	35.78	68.56
2.	Commercial	3.08	6.95
3.	Industrial	2.35	7.01
4.	Public & Semi-public	32.03	39.33
5.	Public Utility	1.21	1.21
6.	Transport & Communication	17.77	20.87
7.	Gardens, Playgrounds, Open-spaces.	2.60	15.08
8.	Burial and cremation ground.	1.08	1.08
9.	Agricultural and Forest land.	19.50	0.32
10.	Vacant and barren land.	18.42	11.43
11.	Wadi lands	19.06	8.11
12.	Khajan lands	26.47	-
13.	Water bodies.	1.65	1.05
TOTAL :		181.00	181.00

12. DEVELOPMENT PLAN :

- a) Date of sanction of Dev. Plan : 15.9.1982
- b) Projected Population for the year 2001 as per Dev. Plan. : 20,000 Souls.
- c) Town Planning Schemes sanctioned, if any. : Nil

d) Financial Assistance so far released for the implementation of Development Plan.

Sr. No.	Name of the Site	1978-79		1979-80		1980-81		1981-82	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	3	4	5	6	7	8	9	10
1.	Construction of Public Latrines.	-	-	-	-	-	-	-	-
2.	Construction of Vegetable Market in Site No.2.	-	-	-	126190	-	8000	-	107000
3.	Construction of Primary School in Site No.4.	-	16240	-	22050	-	-	-	-
4.	Development of recreation ground.	-	-	-	-	-	-	-	-
Total		-	16240	-	148240	-	8000	-	107000

.....

Sr. No.	Name of the Site	1982-83		1983-84		1984-85		Total	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	11	12	13	14	15	16	17	18
1.	Construction of Public Latrines.	-	30500	-	30500	-	-	-	61000
2.	Construction of Vegetable Market in Site No.2.	-	-	-	-	-	-	-	241190
3.	Construction of Primary School in Site No.4.	-	-	-	-	-	-	-	38290
4.	Development of recreation ground.	-	-	-	40000	-	-	-	40000
Total		-	30500	-	70500	-	-	-	380480

- 14 B -

.....

.....

K H O P O L I

1. NAME OF TOWN : Khopoli

2. GEOGRAPHICAL LOCATION AND ADMINISTRATIVE FUNCTIONS : Latitude - 18° 45' N
Longitude - 73° 20' E

Khopoli is a 'B' Class Municipal town in Khalapur Tahsil of Raigad District. It is situated at a distance of about 124 km. from Bombay, 11 km. from Khalapur the tahsil headquarters, 41 km. from Ulhasnagar, 50 km. from Panvel and 110 km. from the Alibag the District Headquarters of Raigad District. It lies on the Bombay-Bangalore National Highway No.4.

The Municipal Council was established at Khopoli in the year 1970. The area under the jurisdiction of the Municipal Council is 3021.52 Hectares.

3. GEOGRAPHY AND PHYSICAL FEATURES : Khopoli town is situated at the foothills of Sahyadri Ranges. These hill ranges form a bow as it encircles the Bombay-Pune Road which gives an appearance of an arrow. Hardly 1/3rd portion of the town is covered by hills on the eastern side.

Patal Ganga river which is the main life belt so far as the industries are concerned is flowing on the northern side of the town. Khopoli is at the foot of the Bor pass incline, about 1600 feet below Khandala on the crest of the Sahyadries.

The physical aspects of the town are as under :-

- i) Altitude - Not available
- ii) Rainfall - 2202 mm.
- iii) Temperature
 - a) Maximum - 33.4°C
 - b) Minimum - 17.5°C

: The prominent wind direction is from north-west to south-east directions over the town. The town is included within the Bombay Metropolitan Region.

4. BRIEF HISTORY

: The history of Khopoli traces back to the 18th Century when there were several skirmishes between British and Marathas at Khopoli. A mention of Khopoli village had also been made by Lord Valentia as back as in 1804. In 1825, Bishop Heber called it a pretty village with a fine reservoir and a temple of Mahadeo built by Peshwa's Minister Nana Phadanavis and in 1831 Mrs. Wilson described it as finely situated commanding a picturesque view of the Pune Road.

A Fair is held in honour of God Mahadev on the Mahasivaratri day (Magh Vad 13) every year.

5. DEMOGRAPHY

a) Population

1971	1981
18152	32102

b) Decadal Variation (%)

1961-71	1971-81
-	+76.85

c) Sex Ratio (Females per 1000 males)

i) 1971 Census	-	795
ii) 1981 Census	-	832

d) Labour Participation Rate

: i) Percentage of total workers to total population : 1971:35.77
1981:35.77

: ii) Percentage : 1981 : 33.46
of total
main workers
to total
population. Cen-
 sus

e) Occupational :
Structure

I) As per 1971 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators	334	39	
2.	Agricultural Labourers	331	160	
3.	Livestock, Forestry, Fishing, Hunting & Plantations etc.	45	15	
4.	Mining and Quarrying	1	-	
I)	TOTAL - Primary Sector	711	214	14.25
5.	Manufacturing, Proce- ssing, Servicing & Repairs.			
	i) Household Industries	143	11	
	ii) Other than Household Industries	3015	76	
6.	Construction	420	39	
II)	TOTAL - Secondary Sector	3578	126	57.05
7.	Trade & Commerce	715	37	
8.	Transport, Storage & Communications.	198	7	
9.	Other Services	787	120	
III)	TOTAL - Tertiary Sector	1700	164	28.70
	TOTAL WORKERS (I+II+III)	5989	504	100.00

II) As per 1981 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators (I)	215	37	2.29
2.	Agricultural Labourers (II)	279	145	3.85
3.	Household Industry, Manufacturing, Processing, Servicing & Repairs (Va)	130	25	1.41
4.	Other Workers (III, IV, Vb & VI to IX)	8757	1154	90.26
5.	TOTAL - Main Workers (I to IX)	9381	1361	97.82
6.	Marginal Workers	128	111	2.18
7.	TOTAL WORKERS (Sr.No.5+6)	9509	1472	100.00

f) Disabled population : by type of disability (1981 Census)	Totally	
	Blind	Crippled
	3	4
	Totally Dumb	Total No. of Physically Handicapped
	2	9

g) Age Structure (1971 Census)	Age Groups			
	0-14	15-39	40-59	60 & above
	6816	8673	2170	474
	Age not stated			Total
	14			18152

h) Literacy (%) :		Males	Females	Total
i) 1971 Census		58.26	34.48	47.72
ii) 1981 Census		64.24	46.29	56.08

i) Town Density :	i) 1971 Census	-	6 persons per Ha.
	ii) 1981 Census	-	11 "

6. AVAILABILITY
OF PHYSICAL
INFRASTRUCTURE
(1982-83)

- a) i) No. of Households (As per 1981 Census) : 7022
- ii) No. of Occupied Residential Houses (As per 1981 Census) : 6337
- b) Water Supply : Chlorinated piped water supply is provided to the town. The water is taken from Patal Ganga river. The tail race water from the Tata Electric and Power Supply Co. Ltd. has been taken for supplying it to Khopoli. The daily per capita water supply is about 140 litres.
- a) No. of Public Stand Posts - 79
- b) No. of Household connections - 1025
- c) Drainage : At present the main roads are provided with open gutters for collecting & carrying sullage water from individual houses. There is also major problem of industrial effluent. This

- : effluent is directly let out into Patal Ganga river. The length of open pucca gutter is 5.68 km. and open kutchra gutter is 15.42 km.
- d) Electricity
- : The electric supply to the town is at present made with the help of Maharashtra State Electricity Board. Its Sub-station is located in the Khopoli gaathan.
- e) Transport and Communications
- : I) Transport -
- A) Rail - Khopoli is on the rail map of India by virtue of a small broad gauge branch line of the Central Railway which takes off from the Karjat Railway Station. This is at present a single line covering a distance of about 10 to 15 km. This branch terminates in Devlad village. This branch line caters to the needs of labourers from the working localities and serving in these industries.
- B) Roads -
- i) External - As far as the external communication of the Khopoli Town is concerned, the same is strategically located at the junction of Bombay-Pune National Highway No.4 and Khopoli-Alibag Road which is a State Highway No.42. The Bombay-Pune Highway passes through this town and has given a linear character to the town. At present, this road is the only means of communication and considering its present use, it serves as a life line.

ii) Internal - The prevailing traffic circulation system in the town is somewhat chaotic and also not properly guided. In fact there are major missing links which would connect the settlements internally. All existing roads which lead to gaathan of the respective villages have opening directly on the classified roads. The road widths are also too inadequate. The resultant internal road development is seen to be in the form of branching pattern of a tree.

The typewise road length is as under -

/Concrete	i) Asphalted Road	- 15.46 km.
	ii) Cement Road	- 1.48 "
	iii) W.B.M. Road	- 3.91 "
	iv) Murum Road	- 0.25 "
	Total	<u>21.10 km.</u>

Average road width is about 3.6 metres.

iii) Availability of city buses for intracity movement -

The facility of city bus service is not provided to the residents of this town.

II) Communications -

- i) No. of Telephone connections installed. - 2854
- ii) No. of Post Offices - 4
- iii) No. of Telegraph Offices. - 3
- iv) No. of Post Offices having telegraph facility. - 3

f) Fire Service

- : The Municipal Council has one fire fighter brigade and one Tractor with tanker.

7. AVAILABILITY :
OF SOCIAL
INFRASTRUCTURE
(1982-83)

a) Education -

I) Primary -

Primary Schools are run by the Municipal Council and Private Institutes.

i) No.of Pre-primary schools	:	27
ii) No.of Students	:	1175
iii) No.of Primary Schools	:	23
iv) No.of Students	:	5891
v) No.of Primary Schools in own premises	:	19
vi) No.of Primary Schools in hired premises	:	4
vii) No.of Primary Schools having Playground facility.	:	9

II) Secondary -

Secondary Schools are run by the Municipal Council and Private Institutes.

i) No.of Secondary Schools	:	5
ii) No.of Students	:	3050
iii) No.of Secondary Schools in own premises	:	2
iv) No.of Secondary Schools in hired premises	:	3
v) No.of Secondary Schools having Playground facility.	:	4

III) Higher -

i) No.of Colleges	:	One
ii) No.of Students	:	597
iii) No.of Colleges having Playground facility	:	Nil

IV) Technical - - 1
 No. of Students - 198

b) Health

- i) No. of Public Dispensaries : Nil
- ii) No. of Public Hospitals : There is one Hospital run by Municipal Council with 15 beds in general ward and 15 beds in maternity ward.
- iii) No. of Beds : 30
- iv) No. of Veterinary Dispensaries. : One veterinary Dispensary and it is run by Zilla Parishad.
- v) No. of Public Latrines : 40 (170 seats)
- vi) No. of Slums/ Zopadpatties : 7 Zopadies
- vii) Slum Population residing in Slum areas/Zopadpatties. : 8000

c) Recreational facilities and amenities

- i) No. of Parks & Gardens : 10
- ii) No. of Clubs : 3
- iii) No. of Public Libraries. : There are two Public Libraries.
- iv) No. of Public Playgrounds : Nil
- v) No. of Public Meeting Places : Nil
- vi) Availability of open space per 1000 population * (As per 1981 Census) : Nil

- vii) No.of Cinema Theatres : One
- viii) No.of Drama Theatres : Nil
- ix) No.of Swimming Pools : Nil
- x) No.of Gymnasia : One

*NOTE : Open space includes the area of public playgrounds and public meeting places.

8. OTHER FACILITIES :
IN THE TOWN
(1982-83)

- a) Agricultural Produce Market Committee/ Yard : The Agricultural Produce Market Committee was established at Khopoli in the year 1963. It has occupied an area of about 40616 sq.m. The area of operation extends over Khalapur Taluka. The important commodities regulated are Rice, Ragi, Tur & Gram and animals.
- b) Weekly Bazar : The weekly Market facility is not provided to the residents of the town.
- c) Vegetable Market : There is one constructed vegetable market in the town. It admeasures an area of about 800 sq.metres.
- d) Fish & Mutton Market : There are two Fish and Mutton Markets in the town over an area of about 525 sq.metres.
- e) No.of Organised Shopping Centres : The provision of Organised Shopping Centre is not available.

- f) No. of Banks : There are eight Banks in the town of which five are nationalised, two are commercial and one Co-operative bank.
- g) No. of Registered Shops/Establishments : 731
- h) No. of Police Stations : One
- i) No. of Police Out Posts or Chowkies. : Nil

9. INDUSTRIES : Almost all industries are types of located in the north-eastern portion of the town. As per 1971 Census, the functional classification of this town is 'Industry'. M/s. The Zenith Company, Paper & Pulp Conversions Ltd., Indian Organic Chemicals Ltd., Masco Company, Highco Product etc. are the large scale units numbering ten giving an employment to about 5046 workers. The small scale units numbering 17 give an employment to about 171 workers.
- IN THE TOWN
(1982-83)

10. INCOME AND EXPENDITURE OF KHOPOLI M'PAL COUNCIL (1982-83) :

I) Income

- a) Total Tax Revenue : Rs. 1,16,55,500
- b) Per Capita Tax Revenue : Rs. 363.08
(As per 1981 Census)
- c) Total Non-Tax Revenue : Rs. 41,02,390
inclusive of Grants & Loans & excluding extraordinary debts.

d) Per Capita Non-Tax Revenue inclusive of Grants & Loans (As per 1981 Census)	: Rs.	127.79
e) Total Income inclusive of opening balance but excluding Extraordinary Debts.	: Rs.	2,73,37,101
f) Per Capita Total Income inclusive of opening balance but excluding Extraordinary Debts. (As per 1981 Census)	: Rs.	851.57

II) Expenditure

a) Total Expenditure excluding Extraordinary Debts, Deposits & closing balance.	: Rs.	1,57,30,087
b) Per Capita Total Expenditure excluding Extraordinary Debts, Deposits & closing balance. (As per 1981 Census)	: Rs.	489.91

11. BREAK UP :
OF LAND USE
 (As per Dev. Plan)

		(Area in Hectares)	
Sr. No.	Type	Area as per	
		existing land-use	proposed land-use
Reference Year		1971	1991
1.	Residential	71.02	497.76
2.	Industrial	248.47	367.73
3.	Commercial	3.47	3.38
4.	Transport & Communication	27.07	18.50
5.	Public & Semi Public	21.61	173.07
6.	Water Bodies	59.89	59.89
7.	Hills	1240.82	509.90
8.	Agricultural & Warkas lands	1349.17	1391.29
Total		3021.52	3021.52

12. DEVELOPMENT :
PLAN

- a) Date of sanction of Dev. Plan : 17.12.1976
- b) Projected Population for the year 1991 as per Dev. Plan. : 75,000 souls
- c) Town Planning Schemes sanctioned, if any. : Nil

d) Financial assistance so far released
for the implementation of Dev.Plan.

Sr. No.	Name of the Site	1981-82		1982-83		1983-84		1984-85		Total	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	3	4	5	6	7	8	9	10	11	12
1.	Acquisition of land for 40' D.P.Road Vihari Cross Road.	-	-	-	12400	-	-	-	-	-	12400
2.	Acquisition of land for Slum Clearance in Site No.51.	-	-	-	13200	-	-	-	-	-	13200
3.	Acquisition of land for Primary School in Site No.25.	-	-	-	4000	-	-	-	-	-	4000
4.	Construction of Primary School in Site No.31.	-	-	-	102500	-	-	-	-	-	102500
5.	Acquisition of land for Garden in Site No.12.	-	-	-	36700	-	-	-	-	-	36700
6.	Construction of Primary School in Site No.28.	-	231800	-	-	-	-	-	-	-	231800
7.	Acquisition of land for Primary School in Site No.30.	-	-	-	8500	-	-	-	-	-	8500
8.	Acquisition of land for Trencing Ground in Site No.50.	-	-	-	-	-	41500	-	-	-	41500
9.	Acquisition of land for 30' D.P.wide road from Laxminagar Mandir Road.	-	-	-	-	-	-	-	100000	-	100000
Total		-	231800	-	177300	-	41500	-	100000	-	550600

M A H A D

1. NAME OF TOWN : Mahad
2. GEOGRAPHICAL LOCATION AND ADMINISTRATIVE FUNCTIONS : Latitude - 18° 05' N
Longitude - 73° 25' E

Mahad is a 'C' Class Municipal town in Raigad District. It is the headquarters of the sub-division as well as Tahsil. It is situated at a distance of about 193 km. from the Bombay, 116 km. from Pune by road and at about 116 km. from Alibag the district headquarters of Raigad District. The arterial Bombay-Goa National Highway runs along the northern boundary and this town is connected with other important cities like Kolhapur, Bombay, Pune, Karad, Satara, Panaji by road.

The Municipal Council was established at Mahad in the year 1866. The area under the jurisdiction of the Municipal Council is 407.04 Ha.

3. GEOGRAPHY AND PHYSICAL FEATURES : Mahad town is situated on the right bank of the Savitri River. The town proper is situated at the confluence of Savitri and Gandhari Rivers. River Gandhari starts from Raigad Fort and flows in north-south direction skirting western side of the town. River Savitri starts from Mahabaleshwar and runs in east-west direction along the eastern and southern boundary of the town. The hill ranges are along the northern boundary.

The town is one of the important urban and commercial centres in Raigad District. The general topography of the town is even. There are six water tanks

in the town. Major portion of the lands within the municipal limits is still under agricultural use. The physical aspect of the town are as under -

- i) Altitude - 11.0 mtrs. above M.S.L.
- ii) Rainfall - 3190.2 mm.
- iii) Temperature
 - a) Maximum 37.2°C
 - b) Minimum 25.0°C

The location of the town is in the hot and temperate region and in the areas covered by the south-western prevailing winds. During rainy season winds flow from south or south-west while during winter they flow from directions between north-east and south-east.

4. BRIEF HISTORY

Mahad is said to have been once known by the name of Mahikavati. From historical times Mahad was well known as commercial centre 225 B.C. Since first Century Buddhist Kings were ruling over Mahad. The period 1656 to 1818 A.D. was the most important and prosperous period of Mahad during Shivaji's Maratha Empire. The historical importance of the town has increased since this period. Chhatrapati Shivaji Maharaj had established capital of his region over 'Kille Raigad' located to the north of Mahad town in the year 1674.

5. DEMOGRAPHY :

a) Population

1941	1951	1961	1971	1981
8150	10267	11083	13500	15196

b) Decadal
Variation
(%) :

1941-51	1951-61	1961-71	1971-81
+ 25.98	+ 7.95	+ 21.81	+ 12.56

c) Sex Ratio
(Females per
1000 males)

i) 1971 Census - 939
ii) 1981 Census - 919

d) Labour
Participation
Rate :

i) Percentage : 1971 : 27.23
of total Cen-
workers to sus
total popu-
lation.

ii) Percentage : 1981 : 28.69
of total
main workers-
to total
population.

e) Occupational :
Structure

I) As per 1971 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators	129	17	
2.	Agricultural Labourers	87	83	
3.	Livestock, Forestry, Fishing, Hunting & Plantations etc.	49	11	
4.	Mining and Quarrying	19	7	
I)	TOTAL - Primary Sector	284	118	10.94
5.	Manufacturing, Proce- ssing, Servicing & Repairs.			
	i) Household Industries	172	28	
	ii) Other than Household Industries.	323	180	
6.	Construction	131	28	
II)	TOTAL - Secondary Sector	626	236	23.45
7.	Trade & Commerce	864	45	
8.	Transport, Storage and Communications.	504	1	
9.	Other Services	816	182	
III)	TOTAL - Tertiary Sector	2184	228	65.61
	TOTAL WORKERS(I+II+III)	3094	582	100.00

II) As per 1981 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators (I)	90	46	2.98
2.	Agricultural Labourers(II)	13	10	0.50
3.	Household Industry, Manufacturing, Processing, Servicing & Repairs.(Va)	249	99	7.63
4.	Other Workers (III,IV,Vb & VI to IX)	3373	479	84.36
5.	TOTAL - Main Workers (I to IX)	3725	634	95.47
6.	Marginal Workers	73	134	4.53
7.	TOTAL WORKERS (Sr.No.5+6)	3798	768	100.00

f) Disabled population
by type of disability
(1981 Census)

Totally Blind	Totally Crippled
2	3
Totally Dumb	Total No. of Physically Handicapped.
1	6

g) Age Structure
(1971 Census)

	Age Groups			
	0-14	15-39	40-59	60 & above
	5056	5551	2163	729
Age not stated				Total
1				13500

h) Literacy (%) :

	Males	Females	Total
i) 1971 Census	73.42	54.83	64.42
ii) 1981 Census	79.39	64.59	72.30

i) Town Density :

i) 1971 Census - 33 persons per Ha.
ii) 1981 Census - 37 "

6. AVAILABILITY OF PHYSICAL INFRASTRUCTURE (1982-83) :

a) i) No. of Households (As per 1981 Census) : 2943

ii) No. of Occupied Residential Houses (As per 1981 Census) : 2786

b) Water Supply :

Chlorinated piped water supply is provided to the town by gravity system. The water is taken from Kurla dam. Kurla dam is situated to the south of Mahad town at a distance of about 4 km. The daily per capita water supply is about 90 litres.

i) No. of Public Stand Posts - 16

ii) No. of Household connections - 1396

c) Drainage : The town has no underground drainage system. The present drainage system consists of kutchra open gutters along the road sides. The length of open drains is 13470 mtrs. and the length of covered drains is about 809 metres.

d) Electricity : The electricity is supplied to the town by the Maharashtra State Electricity Board through its grid. Its sub-station is located in Goregaon at a distance of 23 km. The power is tapped from the Tata Hydraulic Supply Lines from Kolad.

e) Transport and Communications : I) Transport -

A) Rail - Rail facility is not available to the town. The nearest Railway Station for this town is Panvel which is 128 km. away.

B) Roads -

i) External - The surface route connecting Mahad with Bombay on its west and Goa, and Ratnagiri on its south is the Bombay-Konkan-Goa National Highway No.17. It runs in east-west direction along the northern boundary of the municipal limits. Another external communication is Mahad-Pandharpur State Highway No.40. It meets with Bombay-Konkan-Goa road at a distance of 5 km. from Mahad Town on the southern side. Similarly the town is also linked to the Mahad-Raigad Major District Road and Mahad-Vinhere & Mahad-Mhapral other district road.

ii) Internal - In the old gaathan there is no regular road system. The central main road now known as Mahatma Gandhi road serves the basic needs as most of the commercial activity of the town is seen on this road. Shivaji Road is having some sort of industrial activity such as Bidi Works, Saw mills, Poha Mills etc. However the road system in the town is not satisfactory. Other roads are not properly planned and the town lacks in proper road skeleton network. The typewise road length is as under :-

/concrete	i) Asphalted Road	- 15.33 km.
	ii) Cement/Road	- 0.41 "
	iii) W.B.M.Road	- 3.59 "
	iv) Murum Road	- 0.33 "
	Total	<u>19.66 km.</u>

Average road width is about 5 metres.

iii) Availability of city buses for intracity movement -

The facility of city bus service is not provided to the residents of this town.

II) Communications -

- i) No. of Telephone connections installed. - 191
- ii) No. of Post Offices - 3
- iii) No. of Telegraph Offices - -
- iv) No. of Post Offices having telegraph facility. - One

f) Fire Service

: The Municipal Council has one fire fighter which is kept in municipal garage near Tahsil Office.

7. AVAILABILITY :
OF SOCIAL
INFRASTRUCTURE
(1982-83)

a) Education -

I) Primary -

Primary Schools are run by Zilla Parishad.

i) No. of Pre-Primary Schools	:	6
ii) No. of Students	:	461
iii) No. of Primary Schools	:	6
iv) No. of Students	:	2263
v) No. of Primary Schools in own premises	:	Nil
vi) No. of Primary Schools in hired premises	:	6
vii) No. of Primary Schools having Playground facility	:	1

II) Secondary -

Secondary Schools are run by Private Institutes

i) No. of Secondary Schools	:	2
ii) No. of Students	:	1493
iii) No. of Secondary Schools in own premises	:	2
iv) No. of Secondary Schools in hired premises	:	Nil
v) No. of Secondary Schools having Playground facility	:	1

III) Higher -

i) No. of Colleges	:	1
ii) No. of Students	:	828
iii) No. of Colleges having Playground facility	:	Nil

IV) Technical -

Institutions	:	1
No. of students	:	126

b) Health

- i) No. of Public Dispensaries : There is one Dispensary run by the Municipal Council with emergency provision of six beds. In addition to this, the Municipal Council is giving in aid to the private 'Karwa Maternity Home' having a provision of 18 beds.
- ii) No. of Public Hospitals : Nil
- iii) No. of Beds in Public Hospitals : Nil
- iv) No. of Veterinary Dispensaries : One Veterinary Dispensary run by the Zilla Parishad.
- v) No. of Public Latrines : 16 (73 seats)
- vi) No. of Slums/ Zopadpatties : Nil
- vii) Slum Population residing in Slum areas/Zopadpatties. : Nil

c) Recreational facilities and amenities

- i) No. of Parks & Gardens : One Park and two Gardens
- ii) No. of Clubs : Three
- iii) No. of Public Libraries : There is one Public Library known as 'Karwa Library'.
- iv) No. of Public Playgrounds : Nil
- v) No. of Public Meeting Places : Nil
- vi) Availability of open space per 1000 population* (As per 1981 Census) : Nil

- vii) No. of Cinema Theatres : Two (Sunder and Gandhi Theatres)
- viii) No. of Drama Theatres : One
- ix) No. of Swimming Pools : Nil
- x) No. of Gymnasia : There is one Netaji Palkar Gymnasia.

* NOTE : Open space includes the area of public playgrounds and public meeting places.

8. OTHER FACILITIES :
IN THE TOWN
 (1982-83)

- a) Agricultural Produce Market Committee/ Yard : The Agricultural Produce Market Committee was established in the year 1963. The area of operation extends over Mahad and Poladpur Talukas. The important regulated commodities are Rice, Ragi, Vari, other cereals and Tur, Gram, Mung, Udid, other Pulses etc.
- b) Weekly Bazar : The Weekly Market facility is not provided to the residents of this town.
- c) Vegetable Market : There is a constructed Vegetable Market in the town in an area of about 141.44 sq. metres.
- d) Fish & Mutton Market : There is one Fish and Mutton Market in the town in an area of about 490.14 sq. mtrs.

- e) No. of Organised Shopping Centres : The provision of Organised Shopping Centre is not available
- f) No. of Banks : There are six Banks in the town out of which four are Nationalised and two are Co-operative Banks.
- g) No. of Registered Shops/Establishments : 677
- h) No. of Police Stations : Two
- i) No. of Police Out Posts or Chowkies : Nil

9. INDUSTRIES
IN THE TOWN
(1982-83) : As per 1971 Census, functional classification of the town is 'Service, Commercial and Industry'. There are some Rice and Saw Mills, Bidi manufacturing works of which there are both large and small scale units and are increasingly gaining importance.

In addition to the above industries, there are some small and cottage industrial units, like Aurvedic Medicine, Soap Factory, Electric Spare parts, Hand made paper mill and Metal Factory etc.

10. INCOME AND :
EXPENDITURE OF
MAHAD M'PAL
COUNCIL(1982-83)

I) Income

a) Total Tax Revenue	: Rs. 16,69,958
b) Per Capita Tax Revenue (As per 1981 Census)	: Rs. 109.89
c) Total Non-Tax Revenue inclusive of Grants & Loans & excluding extraordinary debts.	: Rs. 13,78,434
d) Per Capita Non-Tax Revenue inclusive of Grants & Loans (As per 1981 Census)	: Rs. 90.71
e) Total Income inclusive of opening balance but excluding Extraordinary Debts.	: Rs. 52,52,892
f) Per Capita Total Income inclusive of opening balance but excluding Extraordinary Debts. (As per 1981 Census)	: Rs. 345.68

II) Expenditure

a) Total Expenditure excluding Extraordinary Debts, Deposits & closing balance.	: Rs. 30,80,311
b) Per Capita Total Expenditure: excluding Extraordinary Debts, Deposits & closing balance. (As per 1981 Census)	: Rs. 202.67

11. BREAK UP :
OF LAND USE
 (As per Dev. Plan)

(Area in Hectares)

Sr. No.	Type	Area as per	
		existing land-use	proposed land-use
Reference Year		1974	1994
1.	Residential	42.10	106.88
2.	Commercial	5.56	8.72
3.	Industrial	3.28	14.34
4.	Public Purpose	13.10	29.14
5.	Public Utilities	0.52	6.48
6.	Transport & Communication	28.64	55.59
7.	Gardens, Playgrounds etc.	1.73	10.06
8.	Burial Ground	1.00	1.00
9.	Agricultural lands	280.16	149.55
10.	Vacant lands	6.68	1.42
11.	Hilly Areas	18.45	18.45
12.	Water Bodies	5.82	5.41
TOTAL		407.04	407.04

12. DEVELOPMENT :
PLAN

- a) Date of sanction of Revised Dev. Plan. : 4.10.1979
- b) Projected Population for the year 1994 as per Dev. Plan. : 18,000
- c) Town Planning Schemes sanctioned, if any. : Nil

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
10. Development of Public Park in Site No.17.	-	-	=	=	150000	190400	-	-	-	-	-	-	-	340400
11. Construction of Vegetable Market & Multipurpose Hall.	-	-	=	=	76000	-	-	-	-	-	-	-	76000	-
12. Acquisition of Children's Playground in Site No.5.	-	-	=	=	-	26600	-	-	-	-	-	-	-	26600
13. Construction of 40' D.P.Road from S.T.Stand & Balodyan.	-	-	=	=	-	-	-	-	-	263000	-	90000	-	353000
14. Purchase of land in CTS No.1181 for widening of existing Shivaji Road.	-	-	=	=	-	-	-	-	-	8300	-	-	-	8300
15. Construction of Gymnasium in Site No.12.	-	-	=	=	-	-	-	-	-	54000	-	31400	-	85400
16. Construction of 40' D.P.Road from Gandkar Octroi Naka to Kranti Stambha.	-	-	=	=	-	-	-	-	-	-	-	100000	-	100000
Total					146500	580700	76000						76000	1833300
					146500	580700	459400			325300		321400		1833300

M A T H E R A N

1. NAME OF TOWN : Matheran
2. GEOGRAPHICAL LOCATION AND ADMINISTRATIVE FUNCTIONS : Latitude - 19° 00' N
Longitude - 73° 16' E

Matheran is a 'C' Class Hill Station Municipal town in Karjat Tahsil of Raigad District at about 99 km. away from the State Headquarters Bombay. It is situated about 21 km. from Neral Railway Station on Bombay-Pune main line of the Central Railway. Matheran is connected by a narrow gauge line emanating from Neral.

The Municipal Council was established at Matheran in the year 1905. The area under the jurisdiction of the Municipal Council is 723.67 Ha.

3. GEOGRAPHY AND PHYSICAL FEATURES : Matheran, a hill station, is situated in the midst of Sahyadri. The plateau is surrounded by deep ravines covered by dense forests. The large charlotte lake admeasuring about 1.21 Hectares is situated in the south-western part of the plateau. There are many view points viz. Panorama, Garbut, one tree hill, Myra Point etc. which give picturesque views of the valleys and peaks. The climate is delightfully cool, healthy, salubrious.
- i) Altitude - 803.5 metres above M.S.L.
 - ii) Rainfall - 5167.5 mm.
 - iii) Temperature
 - a) Maximum - 32.2°c
 - b) Minimum - 15.6°c

During the major part of the year, the winds flow from south-west to north-east.

4. BRIEF HISTORY :

/as

This beautiful spot was discovered as early/in 1850 by Mr. Hugh Mallet, the Collector of Thane. In 1855, Lord Elphinstone then Governor of Bombay visited Matheran and was delighted and impressed by the refreshing cool and healthy climate of the place. His efforts to provide some communication facilities and water supply encouraged the development of this place. Matheran has now become a very popular hill station and holiday resort in the State.

5. DEMOGRAPHY :

a) Population

1941	1951	1961	1971	1981
2774	2808	2842	3397	3920

b) Decadal Variation (%) :

1941-51	1951-61	1961-71	1971-81
+ 1.23	+ 1.21	+ 19.53	+ 15.40

c) Sex Ratio (Females per 1000 males) :

i) 1971 Census	- 764
ii) 1981 Census	- 738

d) Labour Participation Rate :

i) Percentage of total workers to total population.	1971 : 41.36
ii) Percentage of total main workers to total population.	1981 : 40.74

e) Occupational :
Structure

I) As per 1971 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators	-	-	
2.	Agricultural Labourers	2	-	
3.	Livestock, Forestry, Fishing, Hunting & Plantations etc.	42	-	
4.	Mining and Quarrying	2	-	
I)	TOTAL - Primary Sector	46	-	3.27
5.	Manufacturing, Proce- ssing, Servicing & Repairs.			
	i) Household Industries	9	-	
	ii) Other than Household Industries	85	8	
6.	Construction	48	23	
II)	TOTAL - Secondary Sector	142	31	12.32
7.	Trade & Commerce	499	65	
8.	Transport, Storage and Communications	194	10	
9.	Other Services	323	95	
III)	TOTAL - Tertiary Sector	1016	170	84.41
	TOTAL WORKERS(I+II+III)	1204	201	100.00

II) As per 1981 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators (I)	3	-	0.18
2.	Agricultural Labourers (II)	4	-	0.23
3.	Household Industry, Manufacturing, Proce- ssing, Servicing & Repairs (Va)	40	7	2.69
4.	Other Workers (III, IV, Vb & VI to IX)	1319	224	88.42
5.	TOTAL - Main Workers (I to IX)	1366	231	91.52
6.	Marginal Workers	99	49	8.48
7.	TOTAL WORKERS (Sr.No.5+6)	1465	280	100.00

f) Disabled population :
by type of disability
(1981 Census)

Totally Blind	Totally Crippled
2	-
Totally Dumb	Total No. of Phy- sically handi- capped.
2	4

g) Age Structure
(1971 Census)

Age Groups			
0-14	15-39	40-59	60 & above
1263	1405	551	178
Age not stated			Total
-			3397

h) Literacy (%) :

	Males	Females	Total
i) 1971 Census	61.42	34.06	49.57
ii) 1981 Census	67.76	49.13	59.85

i) Town Density :

i) 1971 Census	- 5	persons per Ha.
ii) 1981 Census	- 5	"

6. AVAILABILITY :
OF PHYSICAL
INFRASTRUCTURE
(1982-83)

a) i) No. of Households : 745
(As per 1981 Census)

ii) No. of Occupied Residential Houses : 695
(As per 1981 Census)

b) Water Supply : Purified water supply is available in the town, the source of water supply being the Charlotte lake. Daily per capita water supply is 60 litres.

i) No. of Public Stand Posts	-	21
ii) No. of Household Connections	-	496

c) Drainage : Underground drainage system is not introduced in the town. The road side gutters have been constructed by the Municipality. The length of pucca gutters is 213 metres and that of kutchra gutters is 397 metres.

d) Electricity : The electricity supply is provided to the town by the Maharashtra State Electricity Board through its sub-station at Karjat situated 32 km. away from this town.

e) Transport and Communications

: I) Transport -

A) Rail - Narrow gauge railway line taking off from Neral junction on Bombay-Pune Railway line, is the only means of external communication.

B) Roads -

i) External - Neral-Matheran the District road connects Neral and Matheran.

ii) Internal - All the internal roads are narrow, and having steep gradient.

Matatna Gandhi Road is the main road of the town.

There are other roads like Shivaji road, Kasturba road and Khotval road which are also approaches to the view points. These roads also serve as pleasure walks for the visitors. The typewise road length is as under -

1) W.B.M. Road	-	23 km.
ii) Murum Road	-	29 km.
Total		<u>52 km.</u>

The average road width is about 5 metres.

- : iii) Availability of city buses for intracity movement -

The facility of city bus service is not provided to the town.

II) Communications -

- | | | |
|---|---|----|
| i) No.of Telephone connections installed. | - | 99 |
| ii) No.of Post Offices | - | 1 |
| iii) No.of Telegraph Offices | - | 1 |
| iv) No.of Post Offices having telegraph facility. | - | 1 |

- f) Fire Service : Fire service is not provided to this hill station by the Municipal Council.

7. AVAILABILITY OF SOCIAL INFRASTRUCTURE (1982-83)

a) Education -

I) Primary -

Primary Schools are run by Zilla Parishad and private institutions.

- | | | |
|---|---|-----|
| i) No.of Pre-primary Schools | : | 1 |
| ii) No.of Students | : | 36 |
| iii) No.of Primary Schools | : | 2 |
| iv) No.of Students | : | 526 |
| v) No.of Primary Schools in own premises | : | Nil |
| vi) No.of Primary Schools in hired premises | : | 2 |
| vii) No.of Primary Schools having Playground facility | : | 1 |

II) Secondary -

Secondary Schools are run by Private Institutions.

- i) No. of Secondary Schools : 2
- ii) No. of Students : 509
- iii) No. of Secondary Schools in : 1
own premises.
- iv) No. of Secondary Schools in : 1
hired premises
- v) No. of Secondary Schools : 1
having Playground facility

III) Higher -

The facility of Higher Education is not provided to the student populace of the town.

IV) Technical -

The facility of Technical Education is not provided to the students of the town.

b) Health

- i) No. of Public Dispensaries : Nil
- ii) No. of Public Hospitals : 1
- iii) No. of Beds : 14
- iv) No. of Veterinary Dispensaries : 1 (Run by Zilla Parishad)
- v) No. of Public Latrines : 30 (Seats 88)
- vi) No. of Slums/ Zopadpatties : 1
- vii) Slum Population residing in Slum areas/Zopadpatties : 457

c) Recreational facilities and amenities

i) No. of Parks & Gardens	:	Parks - Nil Gardens - 3
ii) No. of Clubs	:	Nil
iii) No. of Public Libraries	:	1
iv) No. of Public Playgrounds	:	2 (Area - 9600 sq.mt.)
v) No. of Public Meeting Places	:	1 (Area - 1200 sq.mt.)
vi) Availability of open space per 1000 population* (As per 1981 Census)	:	275 sq.mt.
vii) No. of Cinema Theatres	:	Nil
viii) No. of Drama Theatres	:	Nil
ix) No. of Swimming Pools	:	Nil
x) No. of Gymnasia	:	1

*NOTE : Open space includes the area of public playgrounds and public meeting places.

8. OTHER FACILITIES :
IN THE TOWN
(1982-83)

- | | | |
|---|---|---|
| a) Agricultural Produce Market Committee/Yard | : | Since Matheran is a hill station, there is no Agricultural Produce Market Yard. |
| b) Weekly Bazar | : | The Weekly Bazar is held on every Sunday at Kapadia Market. (Area - 600 sq.mt.) |

- c) Vegetable Market : There is one constructed Vegetable Market in the town in an area of about 800 sq.mt.
- d) Fish & Mutton Market : There is one Fish and Mutton Market in the town. in an area of about 460 sq.mt.
- e) No.of Organised Shopping Centres : The provision of Organised Shopping Centre is not available.
- f) No.of Banks : 2 (Nationalised - 1 & Co-operative - 1)
- g) No.of Registered Shops/Establishments : Nil
- h) No.of Police Stations : 1
- i) No.of Police Out Posts or Chowkies : Nil

9. INDUSTRIES
IN THE TOWN
(1982-83)

/existence

: As per 1971 Census, the functional classification of the town is 'Commercial'. No Industry is in / in the jurisdiction of Matheran Municipal Council.

10. INCOME AND EXPENDITURE OF MATHERAN M'PAL COUNCIL (1982-83) :

I) Income

- a) Total Tax Revenue : Rs. 7,67,339
- b) Per Capita Tax Revenue : Rs. 195.75
(As per 1981 Census)
- c) Total Non-Tax Revenue inclusive of Grants & Loans & excluding extraordinary debts. : Rs. 7,33,264
- d) Per Capita Non-Tax Revenue inclusive of Grants & Loans (As per 1981 Census) : Rs. 187.06
- e) Total Income inclusive of opening balance but excluding Extraordinary Debts. : Rs. 18,53,538
- f) Per Capita Total Income inclusive of opening balance but excluding Extraordinary Debts, (As per 1981 Census) : Rs. 472.84

II) Expenditure

- a) Total Expenditure excluding Extraordinary Debts, Deposits & closing balance. : Rs. 13,12,469
- b) Per Capita Total Expenditure excluding Extraordinary Debts, Deposits & closing balance. (As per 1981 Census) : Rs. 334.81

11. BREAK UP :
OF LAND USE
 (As per Dev. Plan)

(Area in Hectares)

Sr. No.	Type	Area as per	
		existing land-use	proposed land-use
1	2	3	4
	Reference Year	1977	1997
1.	Residential	162.44	233.76
2.	Commercial	39.10	54.27
3.	Industrial	-	-
4.	Public Purposes	15.53	18.09
5.	Public Utilities	0.33	0.28
6.	Transport and Communication	14.57	45.29
7.	Garden, Playground etc.	19.58	20.26
8.	Burial and Cremation Ground	3.97	3.99
9.	Vacant lands	0.24	-
10.	Forest lands	461.78	341.06
11.	Water Bodies	6.13	6.07
Total		723.67	723.67

12. DEVELOPMENT :
PLAN

- a) Date of sanction of Dev. Plan : 15.1.1983
- b) Projected Population for the year 1997 as per Dev. Plan. : 4200 souls
- c) Town Planning Schemes sanctioned, if any. : Nil

d) Financial assistance so far released for
the implementation of Development Plan.

Sr. No.	Name of the Site	1982-83		1983-84		1984-85		Total	
		Loan 3	GIA 4	Loan 5	GIA 6	Loan 7	GIA 8	Loan 9	GIA 10
1.	Extension of Garden in site No.23.	-	125000	-	62100	-	22300	-	2,09,400
2.	Construction of D.P. Road from Diwadkar Hotel to Kapadia Market.	-	-	-	100000	-	-	-	1,00,000
Total		-	125000	-	162100	-	22300	-	3,09,400

.....

MURUD - JANJIRA

1. NAME OF TOWN : Murud-Janjira
2. GEOGRAPHICAL LOCATION AND ADMINISTRATIVE FUNCTIONS :
Latitude - 18° 5' North
Longitude - 72° 51' East

Murud-Janjira is a 'C' Class Municipal town in Raigad district. It is the headquarters of tahsil of the same name. It is situated about 160 km. away from the State headquarters, Bombay. No rail connection is available for Murud. The nearest railway station viz. Panvel is 102 km. away from this town. There are two important major district roads viz. Murud-Salay road which enters the town from north and another known as Agardanda-Murud which enters the town from east. The nearest road connection viz. Bombay-Goa National Highway is at Nagothana which is about 94 km. from Murud. By sea it takes nearly 4 hours to reach Bombay from Murud.

The Murud-Janjira Municipal Council was established in 1888. The area under the jurisdiction of the Municipal Council is 315.6 hectares.
3. GEOGRAPHY AND PHYSICAL FEATURES :
The town is bounded by Arabian Sea on the west and by Creek on the south and east, while on the north it is bounded by hill ranges. The town slopes from north towards south and west. The portion in the hill slopes is, however, very small. There are no hillocks or undulations etc. in the town. The town is thus habituated on nearly table land at sea level. The other feature of the town is hamlet locally known as 'Wadis' spread all over the town.

The physical aspects of the town are as under :-

- i) Altitude - 10 m. above M.S.L.
- ii) Rainfall - 3175.0 mm.
- iii) Temperature
 - a) Maximum - 30.0° c.
 - b) Minimum - 21.1°c.

Winds are very strong from west or south-west during monsoon season while they are moderate during October to December and blow from directions between north-east and south-east. They continue to be moderate during January to March but are predominantly from directions between north and east. Murud being a coastal town, the diurnal and seasonal variations of temperature are not very large. The weather is generally sultry.

4. BRIEF HISTORY

: Due to the discovery of two copper plate inscriptions of the Shilaharas the history of Murud traces back to several thousand years. The famous historical Janjira Fort built in the sea is on the west of the town. Murud was formerly the capital town of Siddis of Janjira whose grand old palace is still in a very good condition. Since the dissolution of the princely States, Murud lost its pride of place as the capital town and has now become the headquarters of Murud tahsil. It is said that Avji Chitnis, the father of Balaji Avji Chitnis who was one of the courtiers of Shivaji was Diwan of Siddis.

5. DEMOGRAPHY :

a) Population

1941	1951	1961	1971	1981
8436	9744	10055	11210	11235

b) Decadal
Variation
(%) :

1941-51	1951-61	1961-71	1971-81
+ 15.50	+ 3.19	+ 11.49	+ 0.22

c) Sex-Ratio
(Females per
1000 males) :

i) 1971 Census	-	1053
ii) 1981 Census	-	1079

d) Labour
Participation
Rate :

i) Percentage : 1971 :	24.77
of total Cen-	
workers to sus	
total	
population.	
ii) Percentage : 1981 :	24.13
of total Cen-	
main workers sus	
to total	
population.	

e) Occupational :
Structure

I) As per 1971 Census

Sr. No.	Category	Workers		% of workers to total workers. 5
		Males	Females	
1	2	3	4	5
1.	Cultivators	264	28	
2.	Agricultural Labourers	117	22	
3.	Livestock, Forestry, Fishing, Hunting and Plantations etc.	403	29	
4.	Mining and Quarrying	1	-	
I)	TOTAL - Primary Sector	785	79	31.11
5.	Manufacturing, Proce- ssing, Servicing & Repairs.			
	i) Household Industries	96	45	
	ii) Other than Household Industries.	235	9	
6.	Construction	74	-	
II)	TOTAL - Secondary Sector	405	54	16.53
7.	Trade & Commerce	378	105	
8.	Transport, Storage and Communications.	161	4	
9.	Other Services	636	170	
III)	TOTAL - Tertiary Sector	1175	279	52.36
	TOTAL WORKERS(I+II+III)	2365	412	100.00

II) As per 1981 Census

Sr. No.	Category	Workers		% of workers to total workers. 5
		Males	Females	
1	2	3	4	5
1.	Cultivators (I)	187	68	8.10
2.	Agricultural Labourers(II)	97	84	5.75
3.	Household Industry, Manufacturing, Proce- ssing, Servicing and Repairs (Va)	87	30	3.73
4.	Other Workers (III,IV,Vb & VI to IX)	1839	319	68.57
5.	TOTAL - Main Workers (I to IX)	2210	501	86.15
6.	Marginal Workers	147	289	13.85
7.	TOTAL WORKERS (Sr.No.5+6)	2357	790	100.00

f) Disabled population
by type of disability
(1981 Census)

Totally Blind	Totally Crippled
6	2
Totally Dumb	Total No. of Phy- sically handi- capped.
4	12

g) Age Structure
(1971 Census)

Age Groups			
0-14	15-39	40-59	60 & above.
4260	4380	1837	732
Age not stated			Total
1			11210

h) Literacy (%) :

	Males	Females	Total
i) 1971 Census	71.88	58.98	65.26
ii) 1981 Census	78.72	62.39	70.24

i) Town Density :

i) 1971 Census	-	36 persons per Ha.
ii) 1981 Census	-	36 "

6. AVAILABILITY
OF PHYSICAL
INFRASTRUCTURE
(1982-83)

a) i) No. of Households (As per 1981 Census) : 2169

ii) No. of Occupied Residential Houses (As per 1981 Census) : 2020

b) Water Supply :

Piped water supply is made to the town through Century Old Janjira Water Works maintained by Environmental Engineering Department of the Maharashtra State Water Supply and Sewerage Board. The source of water supply is from four springs located to the eastern side of Murud at a distance of 6.4 km. The daily per capita supply is about 100 litres :-

i) No. of Household connections - 845

ii) No. of Public Stand Posts. - 86

c) Drainage : Underground drainage system is not in vogue in the town. At present main roads of the town are provided with open gutters for collecting and carrying sullage water which is discharged into creek. The length of kutcha gutters is 34671 metres.

d) Electricity : At present the electricity is supplied to the town by the Maharashtra State Electricity Board through its sub-station at Kandalgaon.

e) Transport and Communications

I) Transport -

A) Rail - Murud-Janjira town is not connected by the railway.

B) Roads - i) External - There/are two major district roads viz. Murud-Salav and Agardanda-Murud which connect the town.

ii) Internal - Following are the main internal roads of the town -

- 1) Datta Mandir Road
- 2) Dr. Rajendraprasad Road
- 3) Tilak Road
- 4) Bazar Peth Road

The main distributory system of roads is formed by the above roads. The existing traffic circulation in the town is somewhat chaotic and unguided as a result of unplanned development of the town over centuries. The typewise road length of all internal roads is as under -

i) Kutcha road	-	6.78 km.
ii) Cement Concrete road	-	1.77 "
iii) W.B.M.	-	<u>10.65 "</u>
Total	-	19.20 km.

The average road width is about 6 metres.

: iii) Availability of city buses for intracity movement -

The facility of city bus service is not provided to the residents of this town.

II) Communications -

- i) No. of Telephone connections installed - 86
- ii) No. of Post Offices - 1
- iii) No. of Telegraph Offices - 1
- iv) No. of Post Offices having telegraph facility - 1

C) Sea - Murud being a coastal town the boat service to and fro Bombay is available thrice a week.

f) Fire Service : Fire service is not available in the town.

7. AVAILABILITY OF SOCIAL INFRASTRUCTURE (1983-84)

a) Education -

I) Primary -

Primary Schools are run by the Municipal Council.

- i) No. of Pre-primary Schools : 2
- ii) No. of Students : 240
- iii) No. of Primary Schools : 7
- iv) No. of Students : 2029
- v) No. of Primary Schools in own premises : 5

- vi) No. of Primary Schools in hired premises : 2
- vii) No. of Primary Schools having Playground facility. : 3

II) Secondary -

Secondary Schools are run by private institutes.

- i) No. of Secondary Schools : 2
- ii) No. of Students : 1556
- iii) No. of Secondary Schools in own premises : Nil
- iv) No. of Secondary Schools in hired premises. : 2
- v) No. of Secondary schools having Playground facility : 2

III) Higher -

- i) No. of Colleges : 2
- ii) No. of Students : 172
- iii) No. of Colleges having Playground facility : 2

IV) Technical - Institutions : 1

No. of Students : 67

b) Health

- i) No. of Public Dispensaries : Nil
- ii) No. of Public Hospitals : 1 (Run by the Zilla Parishad)
In addition to this, there is one Maternity Home having nine beds run by the Zilla Parishad.
- iii) No. of Beds in Hospital : 19

- iv) No. of Veterinary Dispensaries : One
(Run by Zilla Parishad)
- v) No. of Public Latrines : 6 (29 seats)
- vi) No. of Slums/ Zopadpatties : Nil
- vii) Slum Population residing in Slum areas/Zopadpatties : Nil

c) Recreational facilities and amenities

- i) No. of Parks & Gardens : 1 (Park)
- ii) No. of Clubs : Nil
- iii) No. of Public Libraries : 1
- iv) No. of Public Playgrounds : Nil
- v) No. of Public Meeting Places : 1 (Area 108 sq.mt.)
- vi) Availability of open space per 1000 population * (As per 1981 Census) : 0.000009612
- vii) No. of Cinema Theatres : 1
- viii) No. of Drama Theatres : Nil
- ix) No. of Swimming Pools : Nil
- x) No. of Gymnasias : Nil

*NOTE : Open space includes the area of public playgrounds and public meeting places.

8. OTHER FACILITIES :
IN THE TOWN
 (1982-83)

- | | | |
|---|---|--|
| a) Agricultural Produce Market Committee/Yard | : | The Agricultural Produce Market Committee was established in the year 1963. The area of operation extends over the Murud Tahsil. The trade in important commodities regulated are Rice & betel-nuts. |
| b) Weekly Bazar | : | The Weekly Market facility is not provided to the residents of the town. |
| c) Vegetable Market | : | There is one constructed Vegetable Market in the town in an area of about 135.30 sq.mtrs. |
| d) Fish & Mutton Market | : | There is one fish and mutton market in the town in an area of about 300 sq.mt. |
| e) No.of Organised Shopping Centres | : | Nil |
| f) No.of Banks | : | 5 (Out of 5 Banks, 3 are Nationalised and 2 are Co-operatives) |
| g) No.of Registered Shops Establishments | : | 285 |
| h) No.of Police Stations | : | 1 |
| i) No.of Police Out Posts or Chowkies. | : | Nil |

9. INDUSTRIES : As per 1971 Census, the
IN THE TOWN functional classification of
(1982-83) the town is Primary and Service.
 Barring one industry viz.
 Greenland Paints & Chemicals
 Industry, there is no industrial
 activity in the town.

10. INCOME AND :
EXPENDITURE OF
MURUD-JANJIRA M'PAL
COUNCIL (1982-83)

I) Income

a) Total Tax Revenue	: Rs.	6,27,161
b) Per Capita Tax Revenue (As per 1981 Census)	: Rs.	55.82
c) Total Non-Tax Revenue inclusive of Grants & Loans and excluding extraordinary debts.	: Rs.	3,43,355
d) Per Capita Non-Tax Revenue inclusive of Grants & Loans (As per 1981 Census)	: Rs.	30.56
e) Total Income inclusive of opening balance but excluding Extraordinary Debts.	: Rs.	16,78,947
f) Per Capita Total Income inclusive of opening balance but excluding Extraordinary Debts. (As per 1981 Census)	: Rs.	149.44

II) Expenditure

a) Total Expenditure excluding Extraordinary Debts, Deposits & closing balance.	: Rs.	8,15,641
b) Per Capita Total Expen- diture excluding Extra- ordinary Debts, Deposits & closing balance. (As per 1981 Census)	: Rs.	72.60

11. BREAK UP :
OF LAND USE
 (As per Dev. Plan)

Sr. No.	Type	(Area in Hectares)	
		existing land-use	proposed land-use
	Reference Year	1971	1991
1.	Residential	35.54	70.00
2.	Commercial	1.55	2.74
3.	Industrial	0.85	10.00
4.	Public & Semi Public	8.60	21.30
5.	Public Utility	0.48	0.48
6.	Transport & Communication (Roads)	20.11	42.31
7.	Gardens, Playgrounds, Fair grounds etc.	0.10	1.00
8.	Cremation & Burial ground	1.06	1.06
9.	Agricultural	89.09	58.00
10.	Wadi lands	101.83	59.68
11.	Hills	18.05	15.34
12.	Vacant & Barron lands	4.31	0.86
13.	Water bodies	0.63	0.63
14.	Khajan lands	33.40	32.20
	Total	315.60	315.60

12. DEVELOPMENT :
PLAN

- a) Date of sanction : 28.1.1977
of Dev. Plan
- b) Projected Population : 13,142
for the year 1991
as per Dev. Plan.
- c) Town Planning Schemes : Nil
sanctioned, if any.

d) Financial assistance so far released for the implementation of Development Plan.

Sr. No.	Name of the Site	1978-79		1979-80		1980-81		1981-82	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	3	4	5	6	7	8	9	10
1.	Extension to Primary School in site No.13.	-	-	-	-	-	-	-	45300
2.	Construction of 30' D.P. Road from Bhogeshwari Temple to Ganesh Mandir.	-	16450	-	-	-	26300	-	-
3.	For asphaltting the Road	-	-	-	-	-	-	-	10900
4.	For reconstruction of compound wall affected by road widening.	-	-	-	-	-	-	-	-
5.	Acquisition of land in site No.17.	-	-	-	-	-	-	-	-
Total		-	16450	-	-	-	26300	-	56,200

Sr. No.	Name of the site	1982-83		1983-84		1984-85		Total	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	11	12	13	14	15	16	17	18
1.	Extension to Primary School in site No.13.	-	28200	-	-	-	-	-	73500
2.	Construction of 30' D.P. Road from Bhogeshwari Temple to Ganesh Mandir.	-	-	-	-	-	-	-	42750
3.	For asphaltting the Road	-	7400	-	-	-	-	-	18300
4.	For reconstruction of compound wall affected by road widening.	-	4000	-	-	-	-	-	4000
5.	Acquisition of land in site No.17.	-	-	-	42600	-	-	-	42600
	Total	-	39600	-	42600	-	-	-	181150

- 72 B -

P A N V E L

1. NAME OF TOWN : Panvel

2. GEOGRAPHICAL LOCATION AND ADMINISTRATIVE FUNCTIONS : Latitude - 18° 58' N
Longitude - 73° 12' E

Panvel, a 'B' Class Municipal town, is the headquarters of the Sub-Division as well as the Tahsil. The town of Panvel is connected by Bombay-Goa and Bombay-Pune-Bangalore National Highways. Panvel is also a railway station on the Diva-Panvel branch line of the Central Railway. It is situated at a distance of 67 km. from the State headquarters. Panvel Municipal Council was established in 1852 and it has jurisdiction of 1217.28 Hectares.

3. GEOGRAPHY AND PHYSICAL FEATURES : The town is generally plain containing 5 tanks situated at different places. The major portion of the lands are still under agricultural use. The location of the town is in the hot and temperate region.

The physical aspects of the town are as under :-

- i) Altitude - 12.0 metres above M.S.L.
- ii) Rainfall - 2741.2 mm.
- iii) Temperature -
 - a) Maximum - 36.0°C
 - b) Minimum - 26.0°C

During monsoon very strong winds blow from west or south-west. In winter they are moderate and generally blow in the direction between north-east and south-east. Panvel being a town from coastal district, the weather is generally sultry.

4. BRIEF HISTORY

- : Panvel was a well-known centre of trade and commerce in the ancient times even when Bombay was nothing more than an unknown cluster of small islands, Panvel was engaged in trade with the distant overseas countries of Europe, Africa and Arabia. Since the construction of the railway line from Bombay to Pune the importance of Panvel as a port of trade and commerce declined considerably.

5. DEMOGRAPHY

a) Population

1941	1951	1961	1971	1981
10960	14861	18130	26602	37073

b) Decadal Variation (%)

1941-51	1951-61	1961-71	1971-81
+ 35.59	+ 22.00	+ 45.73	+ 39.36

c) Sex Ratio (Females per 1000 males)

i) 1971 Census	-	901
ii) 1981 Census	-	896

d) Labour Participation Rate

i) Percentage of total workers to total population.	:1971:	29.43
ii) Percentage of total main workers to total population.	:1981:	33.18

e) Occupational :
Structure

I) As per 1971 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators	385	29	
2.	Agricultural Labourers	157	18	
3.	Livestock, Forestry, Fishing, Hunting & Plantations etc.	196	13	
4.	Mining and Quarrying	5	-	
I)	TOTAL - Primary Sector	743	60	10.26
5.	Manufacturing, Proce- ssing, Servicing & Repairs.			
	i) Household Industries	122	41	
	ii) Other than Household Industries	1404	170	
6.	Construction.	255	17	
II)	TOTAL - Secondary Sector	1781	228	25.66
7.	Trade & Commerce	1823	95	
8.	Transport, Storage and Communications.	851	8	
9.	Other Services	1737	503	
III)	TOTAL - Tertiary Sector	4411	606	64.08
	TOTAL WORKERS(I+II+III)	6935	894	100.00

h) Literacy (%) :		Males	Females	Total
i) 1971 Census		69.26	52.54	61.33
ii) 1981 Census		73.72	64.65	69.43

i) Town Density :	i) 1971 Census	-	22 persons per Ha.
	ii) 1981 Census	-	30 "

6. AVAILABILITY OF PHYSICAL INFRASTRUCTURE (1982-83)

- a) i) No. of Households (As per 1981 Census) : 7296
- ii) No. of Occupied Residential Houses (As per 1981 Census) : 7149
- b) Water Supply : Chlorinated piped water supply is provided to the town. The source of water is Dehrang Dam and reservoir is constructed near Dehrang. The daily per capita water supply is about 100 litres.
- i) No. of Public Stand Posts - 102
- ii) No. of Household connections - 3125

- c) Drainage : Surface drainage system is in operation while in some parts of the old town, the underground drainage system is in vogue. The length of underground gutters is 4000 mt. while the length of pucca open gutters is 3.990 km. and kutcha open gutters is 21.220 km.
- d) Electricity : The town has the facility of electricity supply which is under the management of a private company. The Sub-Station of the Panvel Taluka Electric Development Company is situated in the town.
- e) Transport and Communications :
- I) Transport -
- A) Rail - A branch of Central Railway line of single track branching off from Diwa on its way to Apta and Uran passes through Panvel town.
- B) Roads -
- i) External - The town is well connected with major cities of Maharashtra by Bombay-Goa and Bombay-Bangalore National Highways which are passing through this town. Similarly Uran-Panvel major district road is also one of the important roads for external communication.
- ii) Internal - In the old town, there is no regular road system as such. Majority of roads are either Water Bound Macadam Road or partly Metalled. The main road serves the basic needs of the old town.

: The major roads of the town are as under :-

- 1) Shivaji Road
- 2) Tilak Road
- 3) Mahatma Gandhi Road
- 4) Thane Road

The typewise road length is as under :-

i) Asphalted Road	-	21.93 km.
ii) W.B.M. Road	-	8.31 "
iii) Murum Road	-	4.03 "
iv) Total	-	<u>34.27 km.</u>

Average road width is about 5 metres.

iii) Availability of city buses for intracity movement -

The facility of city bus service is not provided to the residents of this town.

II) Communications -

- i) No. of Telephone connections installed. - 1135
- ii) No. of Post Offices - 2
- iii) No. of Telegraph Offices - 2
- iv) No. of Post Offices having telegraph facility. - 2

f) Fire Service

: Fire service is made available to the residents of this town with one fire fighter engine.

7. AVAILABILITY :
OF SOCIAL
INFRASTRUCTURE
(1982-83)

a) Education -

I) Primary -

Primary Schools are run by the Municipal Council.

i) No.of Pre-primary Schools	:	5
ii) No.of Students	:	319
iii) No.of Primary Schools	:	12
iv) No.of Students	:	4828
v) No.of Primary Schools in own premises	:	10
vi) No.of Primary Schools in hired premises	:	2
vii) No.of Primary Schools having Playground facility	:	9

II) Secondary -

i) No.of Secondary Schools	:	6
ii) No.of Students	:	3392
iii) No.of Secondary Schools in own premises	:	4
iv) No.of Secondary Schools in hired premises	:	2
v) No.of Secondary Schools having Playground facility	:	6

III) Higher -

i) No.of Colleges	:	1 (Basic Training College)
ii) No.of students	:	286

IV) Technical -

i) No.of Technical Institutes	:	1
ii) No.of students	:	766

b) Health

- i) No. of Public Dispensaries : The Municipal Council runs a dispensary with emergency provision for 6 beds only.
- ii) No. of Public Hospitals : 1 (Run by M/s Dhoot Papeshwar Ayurvedic Rugnalaya.) In addition to this, there are one Mata Bal Sangopar Kendra and one Kustarog (Leprosy) Nivaran Saniti, Panvel for which the Municipal Council pays the annual grants.
- iii) No. of Beds : 6 (Municipal Dispensary
20 Dhoot Papeshwar Ayurvedic Hospital)
- iv) No. of Veterinary Dispensaries : 1 (Run by Zilla Parishad)
- v) No. of Public Latrines : 80 seats
- vi) No. of Slums/Zopadpatties : Not available but some unauthorised zopadpatties are existing.
- vii) Slum Population residing in Slum areas/Zopadpatties. : 950

c) Recreational facilities and amenities

- i) No. of Parks & Gardens : Gardens - 3
Parks - Nil
- ii) No. of Clubs : 2
- iii) No. of Public Libraries : 1
- iv) No. of Public Playgrounds : 1 (Area 20,000 sq. mt.)

- v) No. of Public Meeting Places : 1 (Area 18200 sq.mt.)
- vi) Availability of open space per 1000 population * (As per 1981 Census) : 1030.39 sq.mt.
- vii) No. of Cinema Theatres : 2
- viii) No. of Drama Theatres : Open Air - 1
- ix) No. of Swimming Pools : Nil
- x) No. of Gymnasias : 2

*NOTE : Open space includes the area of public playgrounds and public meeting places.

8. OTHER FACILITIES
IN THE TOWN
(1982-83)

- a) Agricultural Produce Market Committee/ Yard : The Panvel Agricultural Produce Market Committee started functioning in 1959. The important regulated commodities are Rice and Vegetables.
- b) Weekly Bazar : The area of Vegetable market is being used for weekly bazar.
- c) Vegetable Market : Municipal Council has constructed 40 ottas which serve the purpose. (Area - 102.2 sq.mt.)
- d) Fish & Mutton Market : There is one Fish & Mutton Market in the town. (Area - 600 sq.mt.)

- e) No. of Organised Shopping Centres : Nil
- f) No. of Banks : 12 (Nationalised - 7,
Commercial - 1,
Co-operative - 4)
- g) No. of Registered Shops/Establishments : 1264
- h) No. of Police Stations : 1
- i) No. of Police Out Posts or Chowkies. : 1

9. INDUSTRIES
IN THE TOWN
(1982-83)

: The functional classification of the town is 'Primary, Commercial and Service'. Except the Ayurvedic Pharmaceutical Company viz. M/s Dhoot Papeshwar Co. and the State Road Transport Corporation Depot and tile manufacturing factories, there are no major industrial development worth mentioning. The Maharashtra Industrial Development Corporation has established an Industrial Estate at Taloja about 9 km. north of the town on Bombay-Pune Road. There are some small scale industries like manufacturing of chemicals, rubber, engineering, goods, food products etc./working in the town.

/are

10. INCOME AND
EXPENDITURE OF
PANVEL M'PAL
COUNCIL(1982-83)

I) Income

a) Total Tax Revenue	: Rs. 44,07,376
b) Per Capita Tax Revenue (As per 1981 Census)	: Rs. 118.88
c) Total Non-Tax Revenue inclusive of Grants & Loans and excluding extraordinary debts.	: Rs. 21,50,004
d) Per Capita Non-Tax Revenue inclusive of Grants & Loans (As per 1981 Census)	: Rs. 57.99
e) Total Income inclusive of opening balance but excluding Extraordinary Debts.	: Rs. 77,45,388
f) Per Capita Total Income inclusive of opening balance but excluding Extraordinary Debts. (As per 1981 Census)	: Rs. 208.92

II) Expenditure

a) Total Expenditure excluding Extraordinary Debts, Deposits & closing balance.	: Rs. 62,85,737
b) Per Capita Total Expendi- ture excluding Extraordinary Debts, Deposits & closing balance. (As per 1981 Census)	: Rs. 169.55

11. BREAK UP
OF LAND USE
(As per Dev. Plan)

Sr. No.	Type	(Area in Hectares)	
		existing land-use	proposed land-use
1	2	3	4
	Reference Year	1969	1991
1.	Residential	70.11	499.08
2.	Industrial	26.10	152.16
3.	Commercial	6.31	17.04
4.	Public and Semi-public	20.13	69.38
5.	Open spaces including Green Belts, Parks and Playgrounds	3.15	91.90
6.	Burial and Cremation Grounds	5.90	5.48
7.	Transport and Communication	66.81	166.77
8.	Agricultural and vacant lands	993.36	204.51
9.	Water Sheets	25.41	10.96
	Grand Total	1217.28	1217.28

12. DEVELOPMENT
PLAN

- a) Date of sanction of Dev. Plan : 31.7.1974
- b) Projected Population for the year 1991 as per Dev. Plan. : 1,10,000 souls
- c) Town Planning Schemes sanctioned, if any. : Nil

d) Financial assistance so far released for the implementation of Development Plan.

Sr. No.	Name of the Site	1976-77		1977-78		1978-79		1979-80		1980-81	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	3	4	5	6	7	8	9	10	11	12
1.	Development of open space at site No.6.	-	-	-	-	-	-	-	-	-	-
2.	Construction of 30' service road on both sides of National Highway.	-	-	-	-	-	-	-	-	-	-
3.	Construction of 30' road near F.P.No.46.	-	-	-	-	-	-	-	-	-	-
4.	Construction of 30' road near Krishnale Tank.	-	-	-	-	-	-	-	-	-	-
5.	Construction of Urdu Primary School in site No.33.	-	5500	-	87605	-	-	-	-	-	-
6.	Development of Garden in site No.6 filling of Krishnawale Tank.	10395	31340	-	-	-	-	-	-	-	-
7.	Construction of service road near Petrol Pump.	-	-	-	-	-	-	-	-	-	-
8.	Construction of Primary School in F.P.No.45,46.	-	-	-	-	-	-	-	-	-	-
Total		10395	36840	-	87605	-	-	-	-	-	-

86-A

Sr. No.	Name of the Site	1981-82		1982-83		1983-84		1984-85		Total	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	13	14	15	16	17	18	19	20	21	22
1.	Development of open space at site No.6.	-	-	-	6100	-	-	-	-	-	6100
2.	Construction of 30' service road on both sides of National Highway.	28000	-	24000	-	-	-	-	-	-	52000
3.	Construction of 30' road near F.P.No.46.	-	-	-	2300	-	-	-	-	-	2300
4.	Construction of 30' road near Krishnale Tank.	-	-	-	4700	-	-	-	-	-	4700
5.	Construction of Urdu Primary School in site No.33.	73000	-	-	-	-	-	-	-	73000	93105
6.	Development of Garden in site No.6 filling of Krishnawale Tank.	-	-	-	-	-	-	-	-	10395	31340
7.	Construction of service road near Petrol Pump.	-	-	-	-	11400	-	-	-	11400	-
8.	Construction of Primary School in F.P.No.45, 46.	-	-	-	-	42200	-	-	-	42200	-
Total		73000	28000	-	37100	53600	-	-	-	136995	189545

185 B

.....

P E N

1. NAME OF TOWN

: Pen :

2. GEOGRAPHICAL
LOCATION AND
ADMINISTRATIVE
FUNCTIONS

: Latitude - 18° 40' N
Longitude - 73° 05' E

Pen is a 'C' Class Municipal town in Raigad District. It is the headquarters of Taluka of the same name. It is situated at a distance of about 103 km. from Bombay, 68 km. from Thane, 33 km. from Panvel by road and about 28 km. from Alibag the district headquarters of Raigad District. Pen is traversed by two important roads one Bombay-Goa National Highway and other Alibag-Khopoli State Highway.

The Municipal Council was established at Pen in the year 1865. The area under the jurisdiction of the Municipal Council is 473.50 Ha.

3. GEOGRAPHY
AND PHYSICAL
FEATURES.

: Pen town is bounded by Bhogawati River towards north and east and is surrounded by hills on other sides. There are two mounds in the town and the ground slopes gradually on all sides. The western portion of the town is almost level. The town is situated mostly to the north of Alibag-Khopoli road, a State Highway. The surrounding land is used for rice crops.

The physical aspect of the town are as under :-

- i) Altitude - 10 Mtrs. above M.S.L.
- ii) Rainfall - 2866.4 mm.
- iii) Temperature
 - a) Maximum - 41.0°C
 - b) Minimum - 29.0°C

The climate of the town is wet. The humidity of Pen town is the

- : same as that of Alibag. Humidity varies roughly from (mean) 66% to 85% depending upon the temperature at Alibag with mean humidity of 82.5%

During major period of the year moderate winds blow from north-west to south-east while in monsoon, they are very strong and blow from west to south-west.

4. BRIEF HISTORY

- : Pen is an ancient town having historical background. In the historical records, it is stated that this town is named 'PEN' from the Sanskrit word 'Pene', Pene means the place of halt in the journey. People travelling towards the parts on shores of Arabian Sea as well as to the towns towards east of Pen used to take halt at Pen in former days. It is seen from history that there were a number of man-made tanks for water storage for the people and soldiers etc. who used to retire during the journeys.

There is a famous 'Rameshwar Mandir' on the higher level beside the Alibag-Khopoli road. There are many proofs available in the History of Maharashtra that Pen was of much importance at that time.

The town is famous for preparing images from clay and plaster of Paris, cutlery companies. In season Ganpati images are prepared in almost every house every year.

5. DEMOGRAPHY :

a) Population

1941	1951	1961	1971	1981
7317	8607	9549	11754	14772

b) Decadal
Variation
(%) :

1941-51	1951-61	1961-71	1971-81
+ 17.63	+ 10.94	+ 23.09	+ 25.68

c) Sex Ratio
(Females per
1000 males) :

i) 1971 Census	-	941
ii) 1981 Census	-	942

d) Labour
Participation
Rate :

i) Percentage of total workers to total population	:	1971	:	27.88
		Cen-		
		sus		
ii) Percentage of total main workers to total population.	:	1981	:	31.06
		Cen-		
		sus		

e) Occupational :
Structure

I) As per 1971 Census

Sr. No.	Category	Workers		% of workers to total workers. 5
		Males	Females	
1	2	3	4	5
1.	Cultivators	195	33	
2.	Agricultural Labourers	92	38	
3.	Livestock, Forestry, Fishing, Hunting & Plantations etc.	45	1	
4.	Mining and Quarrying	-	-	
I)	TOTAL - Primary Sector	332	72	12.33
5.	Manufacturing, Proce- ssing, Servicing & Repairs.			
	i) Household Industries	152	30	
	ii) Other than Household Industries	377	22	
6.	Construction	45	1	
II)	TOTAL - Secondary Sector	574	53	19.13
7.	Trade & Commerce	850	48	
8.	Transport, Storage & Communications	248	1	
9.	Other Services	913	186	
III)	TOTAL - Tertiary Sector	2011	235	68.54
	TOTAL WORKERS(I+II+III)	2917	360	100.00

II) As per 1981 Census

Sr. No.	Category	Workers		% of workers to total workers. 5
		Males	Females	
1	2	3	4	5
1.	Cultivators (I)	113	31	2.98
2.	Agricultural Labourers(II)	127	55	3.77
3.	Household Industry, Manufacturing, Proce- ssing, Servicing & Repairs (Va)	188	50	4.93
4.	Other Workers (III,IV,Vb & VI to IX)	3328	696	83.35
5.	TOTAL - Main Workers (I to IX)	3756	832	95.03
6.	Marginal Workers	44	196	4.97
7.	TOTAL WORKERS (Sr.No.5+6)	3800	1028	100.00

f) Disabled population
by type of disability
(1981 Census)

Totally Blind	Totally Crippled
1	3
Totally Dumb	Total No.of Phy- sically Handi- capped.
5	9

g) Age Structure
(1971 Census)

Age Groups			
0-14	15-39	40-59	60 & above
4487	4808	1814	645
Age not stated			Total
Nil			11754

h) Literacy (%)

	Males	Females	Total
i) 1971 Census	72.89	56.97	65.17
ii) 1981 Census	76.03	62.34	69.39

i) Town Density

i) 1971 Census	- 25 persons per Ha.
ii) 1981 Census	- 31 "

6. AVAILABILITY OF PHYSICAL INFRASTRUCTURE :

()

a) i) No. of Households (As per 1981 Census) : 3021

ii) No. of Occupied Residential Houses (As per 1981 Census) : 2887

b) Water Supply : The chlorinated piped water supply is provided to the town. The water is taken from Shahapada dam, Motiram tank and Bhogavati river Water Supply Scheme. The daily per capita water supply is about 40 litres.

i) No. of Public Stand Posts - 30

ii) No. of Household Connections - 1138

- c) Drainage : The town has no underground drainage system. The present drainage system consists of kutchha and pucca open gutters along the road sides. The length of kutchha open drains is 2.35 km. and pucca open drains is 7.95 km.
- d) Electricity : The electricity is supplied to the town by the Maharashtra State Electricity Board through its grid. The sub-station of M.S.E.B. is located on Antora Road.
- e) Transport and Communications : I) Transport -
- A) Rail - Pen town is not approachable by railway. The nearest Railway Station is Panvel located at a distance of 29 km. to its north. It is, however, proposed that Diva-Panvel railway line of the Central Railway is to be started in the near future.
- B) Roads -
- i) External - Pen is traversed by two important Highways one by Bombay-Goa National Highway No.17 and other by Alibag-Khopoli a State Highway No.49. Pen is linked with Bombay, Alibag by Bombay-Goa National Highway and Alibag-Khopoli/ There are regular S.T.Buses plying to other towns of Thane, Raigad and Ratnagiri Districts viz. Alibag, Thane, Mahad, Ratnagiri, Chiplun, Raigad etc.
- ii) Internal - Alibag-Khopoli State Highway passes through the gaathan of Pen. This road carries considerable through traffic as well as the

traffic bound for Pen.

Bombay-Goa road coming from Bombay via Panvel, by passes the town. Bazar Peth road is also very important east-west road. Vithal Lane road is another important road and is parallel to the Bazar Peth Road. Besides these roads, there are many other interior roads and small lanes in the town. The typewise road length is as follows :

i) Asphalted road	- 10.92 km.
ii) W.B.M. road	- 1.36 "
iii) Total	<u>12.28 km.</u>

Average road width is about 6 metres.

iii) Availability of city buses for intracity movement - The facility of city bus service is not provided to the residents of this town

II) Communications -

- i) No. of Telephone connections installed. - About 350
- ii) No. of Post Offices - Nil
- iii) No. of Telegraph Offices - Nil
- iv) No. of Post Offices having telegraph facility. - One

f) Fire Service

The Municipal Council has one Fire Fighter and Tractor with three tankers.

7. AVAILABILITY :
OF SOCIAL
INFRASTRUCTURE
(1982-83)

a) Education -

I) Primary -

Primary Schools are run by the Mun. Council and Private Institutes.

i) No. of Pre-primary schools	:	10
ii) No. of Students	:	400
iii) No. of Primary Schools	:	8
iv) No. of Students	:	2545
v) No. of Primary Schools in own premises	:	4
vi) No. of Primary Schools in hired premises	:	4
vii) No. of Primary Schools having Playground facility.	:	03

II) Secondary -

Secondary Schools are run by Private Institutes.

i) No. of Secondary Schools	:	3
ii) No. of Students	:	2253
iii) No. of Secondary Schools in own premises.	:	Nil
iv) No. of Secondary Schools in hired premises.	:	3
v) No. of Secondary Schools having Playground facility.	:	3

III) Higher -

i) No. of Colleges	:	One
ii) No. of Students	:	466
iii) No. of Colleges having Playground facility.	:	One

IV) Technical - : Nil

b) Health

- i) No. of Public Dispensaries : Nil
- ii) No. of Public Hospitals : There is one General Hospital run by the Mun. Council with 15 beds in general ward and 5 beds in Maternity ward.
- iii) No. of Beds : Total Beds - 20
- iv) No. of Veterinary Dispensaries : One Veterinary Dispensary (run by Zilla Parishad)
- v) No. of Public Latrines : 12 (52 seats)
- vi) No. of Slums/ Zopadpatties : Nil
- vii) Slum Population residing in Slum areas/Zopadpatties : Nil

c) Recreational facilities and amenities

- i) No. of Parks & Gardens : Two
- ii) No. of Clubs : One
- iii) No. of Public Libraries : There is only one Library namely 'Mahatma Gandhi Granthalaya & Vachanalaya.
- iv) No. of Public Playgrounds : One Municipal Ground Area - 10118 sq.m.
- v) No. of Public Meeting Places : One - Gandhi Mandir Open Area Area - 2040 sq.m.
- vi) Availability of open space per 1000 population* (As per 1981 Census) : 823 sq.m.
- vii) No. of Cinema Theatres : There is one Cinema Theatre known as 'Anant Talkies'
- viii) No. of Drama Theatres : One Open Drama Theatre.

- ix) No. of Swimming Pools : Nil
- x) No. of Gymnasias : Three

*NOTE - Open space includes the area of public Playgrounds and public meeting places.

8. OTHER FACILITIES :
IN THE TOWN
(1982-83)

- a) Agricultural Produce Market Committee/Yard : The Agricultural Produce Market Committee was established in the year 1958. It has occupied an area of about 517 sq. km. The area of operation extends over Pen Taluka. The important commodities regulated are Rice, Ragi, Vari, Kodra and other cereals viz. Val, Mug, Udid and other pulses.
- b) Weekly Bazar : The weekly market facility is not provided to the residents of this town.
- c) Vegetable Market : There is one constructed vegetable market in the town in an area of about 470 sq. m.
- d) Fish & Mutton Market : There is one fish and Mutton market in the town in an area of about 430 sq. m.
- e) No. of Organised Shopping Centres : The provision of Organised Shopping Centre is not made by the Municipal Council.
- f) No. of Banks : There are eleven banks in the town out of which four are nationalised and seven co-operative Banks.

- g) No. of Registered Shops/ Establishments : 400
- h) No. of Police Stations : One
- i) No. of Police Out Posts or Chowkies. : Two

9. INDUSTRIES IN THE TOWN (1982-83) : As per 1971 Census, the functional classification of the town is "Service and Commercial". There are no big industries in the town. There are 44 small scale industries in the town. These are rice mill, Poha mills preparing images from clay and plaster of Paris, cutlery units and salt mills. In season Ganapati images are prepared in houses every year.

10. INCOME AND EXPENDITURE OF PUN. M. BAL COUNCIL (1982-83)

(A) Income

- a) Total Tax Revenue : Rs. 23,18,394
- b) Per Capita Tax Revenue (As per 1981 Census) : Rs. 156.95
- c) Total Non-Tax Revenue inclusive of Grants & Loans & excluding Extraordinary debts. : Rs. 11,21,765
- d) Per Capita Non-Tax Revenue inclusive of Grants & Loans (As per 1981 Census) : Rs. 75.94
- e) Total Income inclusive of opening balance but excluding Extraordinary Debts. : Rs. 41,65,905
- f) Per Capita Total Income inclusive of opening balance but excluding Extraordinary Debts. (As per 1981 Census) : Rs. 282.01

II) Expenditure

- a) Total Expenditure : Rs. 38,90,375
excluding Extraordinary
Debts, Deposits & closing
balance.
- b) Per Capita Total Expenditure : Rs. 263.36⁹
excluding Extraordinary Debts,
Deposits & closing balance.
(As per 1981 Census)

11. BREAK-UP :
OF LAND USE
(As per Dev.Plan)

Sr. No.	Type	(Area in Hectares)	
		existing land-use	proposed land-use
	Reference Year,	1966	1986
1.	Residential	33.18	162.56
2.	Commercial	2.18	19.15
3.	Residential-cum-commercial	1.38	14.55
4.	Industrial	5.57	39.25
5.	Public & Semi-Public	3.03	24.38
6.	Transport & Communication	17.81	64.98
7.	Recreation purpose	0.20	50.76
8.	Burial & Cremation Ground	1.41	2.33
9.	Water Sheets	26.91	23.70
	Total Developed Area	91.67	401.66
10.	Horticultural & hilly area	381.81	71.82
	Total	473.48	473.48

12. DEVELOPMENT :
PLAN

- a) Date of sanction : 9.3.1971
of Dev.Plan.
- b) Projected Population : 16400 souls
for the year 1986 as
per Dev.Plan.
- c) Town Planning Schemes : Nil
sanctioned, if any.

d) Financial assistance so far released for the implementation of Development Plan.

Sr. No.	Name of the Site	1977-78		1978-79		1979-80		1980-81		1981-82	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	3	4	5	6	7	8	9	10	11	12
1.	Construction of Market in site No.15-A.	-	-	-	-	-	-	-	-	-	-
2.	Construction of Hospital in site No.17.	-	33340	-	112000	-	95100	-	-	-	-
3.	Construction of 4 seated public latrine in site No.112 of Pen town.	-	-	-	-	-	-	-	-	-	-
Total		-	33340	-	112000	-	95100	-	-	-	-

.....

Sr. No.	Name of the site	1982-83		1983-84		1984-85		Total	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	13	14	15	16	17	18	19	20
1.	Construction of Market in Site No.15-A.	100000	-	-	-	57300	100000	57300	
2.	Construction of Hospital in site No.17.	-	184600	-	14700	-	32000	-	471740
3.	Construction of 4 seated public latrine in site No.112 of Pen town.	-	-	-	-	-	11900	-	11900
Total		100000	184600	-	14700	-	101200	100000	540940

- 100 B -

.....

R O H A

1. NAME OF TOWN

: Roha

2. GEOGRAPHICAL
LOCATION AND
ADMINISTRATIVE
FUNCTIONS

: Latitude - 18° 25' N
Longitude - 73° 05' E

Roha is a 'C' Class Municipal Town in Raigad District. It is situated at a distance of about 156 km. south-east of Bombay and at about 60 km. from Alibag, the district headquarters. Kolad-Roha-Murud Road a State Highway runs through the town. It is a tahsil headquarters.

The Municipal Council was established at Roha in the year 1865. The area under the jurisdiction of the Municipal Council is 170.8 Ha.

3. GEOGRAPHY
AND PHYSICAL
FEATURES

: The town is situated on either banks of river 'Kundalika' which flows in east-west direction. The town Roha is surrounded by high hillocks on south and south-west as such the hill slope is the natural advantage for draining of water during rainy season. The topography of Ashtami side is generally plain in nature. There are 4 Tanks within the Roha and Ashtami area. The major portion of the land is still under agricultural use. The location of the town being in the hot and temperate region and in the area covered by the south-western winds the atmosphere is generally humid throughout the year.

The physical aspects of the town are as under -

- i) Altitude - 10.0 m. above M.S.L.
- ii) Rainfall - 3117.6 mm.
- iii) Temperature
 - a) Maximum - 41.0°C
 - b) Minimum - 29.0°C

4. BRIEF HISTORY

The history of Roha could be traced as long back as 300 to 400 years when it was a small village of 30 to 40 households. Ashtami was also a small village some 3 centuries ago. During the Maratha empire, a low level bridge on the river 'Kundalika' was constructed. The civic administration of these two villages was thereafter brought under the control of a Municipal Council in the nineteenth century. It has now become a chief town of Roha Tahsil. The expansion of the town had mostly taken place after the end of 'Maratha' Empire.

5. DEMOGRAPHY

a) Population

1941	1951	1961	1971	1981
6015	6880	7553	8631	11781

b) Decadal Variation (%)

1941-51	1951-61	1961-71	1971-81
+ 14.38	+ 9.78	+ 14.27	+ 36.50

c) Sex Ratio (Females per 1000 males)

i) 1971 Census	-	948
ii) 1981 Census	-	843

d) Labour Participation Rate

i) Percentage of total workers to total population.	: 1971 Census	: 29.50
ii) Percentage of total main workers to total population.	: 1981 Census	: 35.63

e) Occupational Structure :

I) As per 1971 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators	318	91	
2.	Agricultural Labourers	128	59	
3.	Livestock, Forestry, Fishing, Hunting & Plantations etc.	68	2	
4.	Mining and Quarrying	13	2	
I) TOTAL - Primary Sector		527	154	26.75
5.	Manufacturing, Processing, Servicing & Repairs.			
	i) Household Industries	197	60	
	ii) Other than Household Industries.	267	4	
6.	Construction	31	-	
II) TOTAL - Secondary Sector		495	64	21.96
7.	Trade & Commerce	493	40	
8.	Transport, Storage and Communications.	107	5	
9.	Other Services	563	98	
III) TOTAL - Tertiary Sector		1163	143	51.29
TOTAL WORKERS(I+II+III)		2185	361	100.00

II) As per 1981 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators (I)	162	46	4.80
2.	Agricultural Labourers (II)	67	31	2.26
3.	Household Industry, Manufacturing, Processing, Servicing & Repairs (Va)	289	23	7.20
4.	Other Workers (III, IV, Vb & VI to IX)	3250	329	82.62
5.	TOTAL - Main Workers (I to IX)	3768	429	96.88
6.	Marginal Workers	13	122	3.12
7.	TOTAL WORKERS (Sr.No.5+6)	3781	551	100.00

f) Disabled population (1981 Census) :

Totally Blind	Totally Crippled
2	6
Totally Dumb	Total No. of Physically Handicapped
4	12

g) Age Structure (1971 Census) :

Age Groups			
0-14	15-39	40-59	60 & above
3294	3453	1389	495
Age not stated			Total
-			8631

h). Literacy (%)

	Males	Females	Total
i). 1971 Census	71.95	57.12	64.73
ii) 1981 Census	76.95	61.45	69.87

i) Town Density

i) 1971 Census :	- 51 persons per Ha.
ii) 1981 Census	- 69 "

6. AVAILABILITY
OF PHYSICAL
INFRASTRUCTURE
(19 -)

a) i) No. of Households : 2470
(As per 1981 Census)

ii) No. of Occupied Residential Houses (As per 1981 Census) : 2245

b) Water Supply

: Purified piped water is provided to the town. The source of water is river- 1) Masonary dam at Kariwane on river 'Kundalika' 2) Kondi Water Works and 3) by way of Pumping water from Kundalika. The Municipal Water Works was constructed in 1880 where water is brought from Karivana, seven miles from Roha, through pipes and is stored in a reservoir built on the top of a hill. The daily per capita supply is about 50 litres. The Maharashtra Industrial Development Corporation is also supplying water to the town.

i) No. of household connections - 792

ii) No. of Public Stand Posts - 35

c) Drainage : The town has no underground drainage system. The present drainage system consists of kutchha/ open gutters along the road sides. The length of open pucca drains is 5 km. and that of kutchha drains is 20 km.

d) Electricity : The town has the facility of electric supply which is under the control of Maharashtra State Electricity Board. The Sub-Station Kolad is situated 11 km. away from the town.

e) Transport and :
Communications

77 km. away
from Roha.

I) Transport -

A) Rail - Roha-Ashtami town is not connected by rail. Nearest Railway Station is Panvel which/

B) Roads -

i) External - The town is connected by the following roads-

- 1) Kolad-Roha Road.
- 2) Roha-Nagothana Road
- 3) Roha-Ghosale-Murud Road

These 3 roads are the only important roads which connect the nearest villages and towns.

ii) Internal - Main internal roads are Bazar Peth Road, Nana Shankar Sheth Road, Kacheri Road, Ashtami Road and Dhavir Deosthan Road.

The typewise length of internal roads is as under -

1) Black Topped	-	4.00 km.
2) W.B.M.	-	8.32 "
3) Other	-	0.40 "
Total		<u>12.72 km.</u>

The average width of the internal roads is 6 metres.

- : iii) Availability of city buses for intracity movement-

The facility of intracity bus service is not provided to the town as it is a too small town.

II) Communications -

- | | | |
|---|---|-----|
| i) No.of Telephone connections installed. | - | 190 |
| ii) No.of Post Offices | - | 1 |
| iii) No.of Telegraph Offices | - | 1 |
| iv) No.of Post Offices having telegraph facility. | - | 1 |

- f) Fire Service : The facility of fire service is not provided to the town by the Municipal Council.

7. AVAILABILITY OF SOCIAL INFRASTRUCTURE (1982-83) :

a) Education -

I) Primary -

Primary Schools are run by the Zilla Parishad, Raigad.

- | | | |
|---|---|------|
| i) No.of Pre-Primary Schools | : | 4 |
| ii) No.of Students | : | 312 |
| iii) No.of Primary Schools | : | 6 |
| iv) No.of Students | : | 1861 |
| v) No.of Primary Schools in own premises | : | 5 |
| vi) No.of Primary Schools in hired premises | : | 1 |
| vii) No.of Primary Schools having Playground facility | : | 2 |

II) Secondary -

Secondary School is run by the Private Institute.

i) No.of Secondary Schools	:	1
ii) No.of Students	:	1215
iii) No.of Secondary Schools in own premises	:	1
iv) No.of Secondary Schools in hired premises	:	Nil
v) No.of Secondary Schools having Playground facility	:	1

III) Higher -

i) No.of Colleges	:	Nil
ii) No.of Students	:	Nil
iii) No.of Colleges having Playground facility	:	Nil

IV) Technical -

The student populace of the town is not provided with the facility of technical education.

b) Health

i) No.of Public Dispensaries	:	Nil
ii) No.of Public Hospitals	:	2
iii) No.of Beds	:	100
iv) No.of Veterinary Dispensaries	:	1 (Run by Zilla Parishad)
v) No.of Public Latrines	:	15 (seats - 40)
vi) No.of Slums/Zopadpatties	:	Nil
vii) Slum Population residing in Slum areas/Zopadpatties	:	Nil

c) Recreational facilities and amenities

i) No.of Parks & Gardens	:	Parks - Nil Gardens-2
ii) No.of Clubs	:	1
iii) No.of Public Libraries	:	1
iv) No.of Public Playgrounds	:	2 (Area 548 sq.m.)
v) No.of Public Meeting Places	:	1 (Area 600 sq.m.)
vi) Availability of open space per 1000 population* (As per 1981 Census)	:	97.4 sq.m.
vii) No.of Cinema Theatres	:	1
viii) No.of Drama Theatres	:	1 (Open air)
ix) No.of Swimming Pools	:	Nil
x) No.of Gymnasia	:	1

NOTE : Open space includes the area of public playgrounds and public meeting places.

8. OTHER FACILITIES :
IN THE TOWN
(1982-83)

- a) Agricultural Produce : The Agricultural Produce Market Committee has been established in 1963 for the sale and purchase of the agricultural productions. It has brought under its regulation the main commodity like Rice. The Market has jurisdiction all over the Tahsil. It is located on the northern side of the town on old Nagothana road.

- b) Weekly Bazar : The Weekly Market facility is not provided to the residents of this town.
- c) Vegetable Market : There is a constructed vegetable Market in the town in an area of about 600 sq.m.
- d) Fish & Mutton Market : There is one Fish and Mutton Market in the town in an area of about 5446 sq.m.
- e) No. of Organised Shopping Centres : The provision of Organised Shopping Centre is not available.
- f) No. of Banks : 5 (Nationalised - 2 & Co-operative - 3).
- g) No. of Registered Shops/Establishments : Nil
- h) No. of Police Stations : 1
- i) No. of Police Out Posts or Chowkies. : Nil

9. INDUSTRIES
IN THE TOWN

- : The functional classification of the town is 'Commercial, Industry, Primary'. There are two Saw Mills, 4 rice mills and 4 Poha mills functioning in the town. There are two small scale & allied industries which are producing Paper Straws and Ice candy respectively. There are also copper smiths manufacturing the copper and brass utensils. Some 5 to 6 industries are functioning within the Maharashtra Industrial Development Corporation Estate area which are producing chemicals and employing 024 employees.

10. INCOME AND EXPENDITURE OF ROHA M'PAL COUNCIL (1982-83)

I) Income

- a) Total Tax Revenue : Rs. 9,02,093
- b) Per Capita Tax Revenue : Rs. 76.57
(As per 1981 Census)
- c) Total Non-Tax Revenue : Rs. 3,60,458
inclusive of Grants & Loans
& excluding extraordinary
debts.
- d) Per Capita Non-Tax Revenue inclusive of Grants & Loans : Rs. 30.60
(As per 1981 Census)
- e) Total Income inclusive of opening balance but excluding Extraordinary Debts. : Rs. 19,41,441
- f) Per Capita Total Income inclusive of opening balance but excluding Extraordinary Debts. : Rs. 164.79
(As per 1981 Census)

II) Expenditure

- a) Total Expenditure : Rs. 17,81,014
excluding Extraordinary
Debts, Deposits & closing
balance.
- b) Per Capita Total Expenditure: Rs. 151.18
excluding Extraordinary Debts,
Deposits & closing balance.
(As per 1981 Census)

11. BREAK UP :
OF LAND USE
 (As per Dev.Plan)

(Area in Hectares)

Sr. No.	Type	Area as per	
		existing land-use	proposed land-use
	Reference Year	1974	1995
1.	Residential	38.416	56.084
2.	Commercial	2.880	6.950
3.	Industrial	1.508	10.016
4.	Public Purpose	6.516	16.024
5.	Transport & Communication	12.716	14.248
6.	Public Utilities	-	2.300
7.	Open spaces	-	7.226
8.	Cremation Ground	2.060	2.066
9.	Agricultural Lands	67.272	27.846
10.	Hilly Area	20.140	19.900
11.	Vacant Land	13.516	2.848
12.	Water Bodies	5.776	5.292
Total		170.800	170.800

12. DEVELOPMENT :
PLAN

- a) Date of sanction : 14.6.1979
- b) Projected Population : 15000 souls
 for the year 1995 as per
 Dev.Plan.
- c) Town Planning Schemes : Nil
 sanctioned, if any.

d) Financial assistance so far released for the implementation of Development Plan.

Sr. No.	Name of the Site	1977-78		1978-79		1979-80		1980-31		1981-82	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	3	4	5	6	7	8	9	10	11	12
1.	Development of Open space in site No.43.	-	-	-	-	-	-	-	-	-	-
2.	Development of Open space in site No.25.	-	-	-	-	-	-	-	4200	-	2300
3.	Development of Park in site No.39.	-	68640	-	-	-	39660	-	-	-	19800
4.	Development of Annual Fair ground in site No.12.	-	-	-	-	-	-	-	-	-	-
5.	Purchase of Land for Town Hall in site No.28.	-	-	-	-	-	-	-	-	-	-
Total		-	68640	-	-	-	39660	-	4200	-	22100

Sr. No.	Name of the Site	1982-83		1983-84		1984-85		T o t a l	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	G.I.A.
1	2	13	14	15	16	17	18	19	20
1.	Development of Open space in site No.43	-	93300	-	307700	-	-	-	4,01,000
2.	Development of Open Space in site No.25.	-	-	-	-	-	-	-	6,500
3.	Development of Park in site No.39.	-	-	-	-	-	-	-	1,28,100
4.	Development of Annual Fair Ground in site No.12.	-	-	-	100000	-	-	-	1,00,000
5.	Purchase of land for Town Hall in site No.28.	-	-	-	-	-	110000	-	1,10,000
Total		-	93300	-	407700	-	110000	-	7,45,600

.....

S H R I W A R D H A N

1. NAME OF TOWN

: Shriwardhan

2. GEOGRAPHICAL LOCATION AND ADMINISTRATIVE FUNCTIONS

: Latitude - 18° 03' N
Longitude - 73° 03' E

Shriwardhan is a 'C' Class Municipal town. It is a Tahsil place of Raigad District. Shriwardhan is about 20 km. south of Janjira. It is situated at a distance of about 224 km. from Bombay, 154 km. from Alibag, 50 km. from Mahad and 154 km. from Panvel. It is connected by Shriwardhan-Lonera major district road which further joins Bombay-Goa Road. The town is also connected to Bombay by sea.

The Municipal Council was established at Shriwardhan in the year 1887-88. It now functions under the Maharashtra Municipalities Act 1965. The area under the jurisdiction of the Municipal Council is 404.70 Ha.

3. GEOGRAPHY AND PHYSICAL FEATURES

: Shriwardhan town is situated along the sea coast of 'Arabian Sea'.

The physical aspect of the town are as under :-

- i) Altitude - 15 m. above M.S.L.
- ii) Rainfall - 2743 mm.
- iii) Temperature
 - a) Maximum 42.2°C
 - b) Minimum 26.6°C

Shriwardhan is a coastal town and hence the temperature variation during the year is not much.

In association with cyclone storms in the Arabian Sea in the post-monsoon months and to a lesser extent in May, Shriwardhan town experiences very strong winds some times reaching a gale force and also heavy wide spread rain.

Shriwardhan being a coastal town, its climatic conditions are similar to that of Bombay.

4. BRIEF HISTORY :

/regime

The history of Shriwardhan dates back to the Mahabharat period when Arjuna Pandava had visited this place during his pilgrimage. In the sixteenth and seventeenth centuries, it was under Ahmadnagar/ and afterwards under Bijapur rule. It was a port of consequence. It appears in the accounts of leading European travellers as Ziffardan. Hareshwar about 4.5 km. to the south of this town is the birth place of Balaji Vishwanath, the First Peshwa. A Peshwe memorial was built on the same place where once stood the Peshwa Mansion. The important temples in the town are - Somjaidevi, Jeevaneshwar and Narayandev. The Jeevaneshwar temple is built in Hemadpanthi style. Members of the Peshwe family used to visit Narayandev temple which is near the Peshwa memorial.

The speciality of Shriwardhan is specialised betelnuts locally known as "Rotha" and also famous for coconuts. Shriwardhan is a famous port having considerable trade. The trade consists chiefly of betelnuts which are highly valued in Bombay market and coconuts to a certain extent.

On Chaitra full moon, a yearly fair is held in honour of Bahiri.

5. DEMOGRAPHY :

a) Population

1941	1951	1961	1971	1981
7738	10299	10344	12342	13740

b) Decadal Variation (%)

1941-51	1951-61	1961-71	1971-81
+ 32.19	+ 1.12	+ 19.32	+ 11.3

- c) Sex Ratio : i) 1971 Census - 1052
(Females per 1000 males) ii) 1981 Census - 1009
- d) Labour Participation Rate : i) Percentage of total workers to total population. : 1971 Census : 29.12
ii) Percentage of total main workers to total population. : 1981 Census : 31.40
- e) Occupational Structure :

I) As per 1971 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators	386	80	
2.	Agricultural Labourers	398	247	
3.	Livestock, Forestry, Fishing, Hunting & Plantation etc.	632	8	
4.	Mining and Quarrying	56	20	
I)	TOTAL - Primary Sector	1472	355	50.84
5.	Manufacturing, Processing, Servicing & Repairs.			
	i) Household Industries	78	32	
	ii) Other than Household Industries.	223	14	
6.	Construction	57	-	
II)	TOTAL - Secondary Sector	358	46	11.24
7.	Trade & Commerce	310	345	
8.	Transport, Storage and Communications.	168	2	
9.	Other Services	439	99	
III)	TOTAL - Tertiary Sector	917	446	37.92
	TOTAL WORKERS(I+II+III)	2747	847	100.00

II) As per 1981 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators (I)	244	53	6.03
2.	Agricultural Labourers(II)	301	175	9.68
3.	Household Industry, Manufacturing, Processing, Servicing & Repairs(Va)	37	41	1.58
4.	Other Workers (III,IV,Vb & VI to IX)	2770	694	70.38
5.	TOTAL - Main Workers (I to IX)	3352	963	87.67
6.	Marginal Workers	102	505	12.33
7.	TOTAL WORKERS (Sr.No.5+6)	3454	1468	100.00

f) Disabled population :
(1981 Census)

Totally Blind	Totally Crippled.
3	10
Totally Dumb	Total No. of Phy- sically Handica- pped
6	19

g) Age Structure
(1971 Census)

Age Groups			
0-14	15-39	40-59	60 & above
4613	4834	2039	846
Age not stated			Total
10			12342

h) Literacy (%) :		Males	Females	Total
i) 1971 Census		60.42	41.43	50.68
ii) 1981 Census		69.15	49.42	59.24

i) Town Density :

i) 1971 Census	-	30 persons per Ha.
ii) 1981 Census	-	34 "

6. AVAILABILITY OF PHYSICAL INFRASTRUCTURE (1982-83) :

a) i) No. of Households (As per 1981 Census) : 2583

ii) No. of Occupied Residential Houses (As per 1981 Census) : 2331

b) Water Supply : The population of the town derives its chlorinated water supply from different wells which are about 454 in number. Out of them, 47 wells are public and 407 are private. The Municipal Council has not proposed any scheme of water supply. It is very essential to have a piped water supply scheme for the town.

c) Drainage : There is kutchra drains in the town through which waste water as well as rain water is drained. The length of open kutchra drains is 20.5 km. The pucca gutters are not in existence in the town.

d) Electricity

: The electricity is supplied to the town by the Maharashtra State Electricity Board through its grid. Its sub-station known as Arathi is located 3 km. away from the town.

e) Transport and Communications

: I) Transport -

A) Sea - Shriwardhan is situated along the sea coast of Arabian sea. It is connected to Bombay by sea. Steamers of the Bombay Steam Navigation Co. Private Ltd. call at this Port on their up and down voyages enroute to Dabhol from Bombay.

B) Roads -

i) External - Shriwardhan is connected to Goregaon an important Tahsil place by a road known as "Shriwardhan Lonera" and it joins with Bombay-Goa road at Lonera at mile No.110 (177 km.). The length of the road from Shriwardhan to Lonera is 50 km. Mhadla, Khamagaon and Goregaon towns are situated on Shriwardhan Lonera road. The other district roads which connect Shriwardhan are 1) Bagmandale-Hareshwara-Shriwardhan 2) Dighi-Shriwardhan & 3) Shriwardhan-Borli Panchayat.

ii) Internal - Shivaji road and Tilak Road are the main roads of the town which run in east-west direction. The road between sea beach and library is known as Tilak Road and from Library onwards it is named as Shivaji Road. The Mun. Council Office, State Transport Office, State Bank, Office of Electricity Board &

- : Taluka Primary School etc. are located on this road. This is the only important road of the town and other cross roads serve as Arteries.

Narayan Pakhadi Road branches off main Tilak Road, runs in south direction and meets Prabhu-Ali road. Bazar Peth road, branches off Shivaji road and runs in southern direction.

The typewise road length is as under :-

1) Asphalted Road	-	2.00 km.
2) Other roads	-	18.00 km.
Total		<u>20.00 km.</u>

Average road width is about 7 metres.

iii) Availability of city buses for intracity movement -

The facility of city bus service is not provided to the residents of this town.

II) Communications -

i) No. of Telephone connections installed.	-	96
ii) No. of Post Offices	-	Nil
iii) No. of Telegraph Offices	-	Nil
iv) No. of Post Offices having telegraph facility.	-	1

f) Fire Service

- : The facility of fire service is not provided to the residents of this town.

7. AVAILABILITY :
OF SOCIAL
INFRASTRUCTURE
(1982-83)

a) Education -

Primary Schools are run by Zilla Parishad.

I) Primary -

i) No.of Pre-primary Schools	:	1
ii) No.of Students	:	42
iii) No.of Primary Schools	:	7
iv) No.of Students	:	1780
v) No.of Primary Schools in own premises	:	3
vi) No.of Primary Schools in hired premises	:	4
vii) No.of Primary Schools having Playground facility.	:	1

II) Secondary -

i) No.of Secondary Schools	:	2
ii) No.of Students	:	1131
iii) No.of Secondary Schools in own premises	:	Nil
iv) No.of Secondary Schools in hired premises	:	2
v) No.of Secondary Schools having Playground facility.	:	1

III) Higher -

Higher Education facility is not provided to the students of the town.

IV) Technical -

The student population of the town is not provided with the facility of technical education.

b) Health

i) No.of Public Dispensaries	:	Nil
ii) No.of Public Hospitals	:	1
iii) No.of Beds	:	600
iv) No.of Veterinary Dispensaries	:	1 Veterinary Dispensary run by Zilla Parishad.
v) No.of Public Latrines	:	17 (68 seats)
vi) No.of Slums/ Zopadpatties	:	Nil
vii) Slum population residing in Slum areas/Zopadpatties	:	Nil

c) Recreational facilities and amenities

i) No.of Parks & Gardens	:	Nil
ii) No.of Clubs	:	Nil
iii) No.of Public Libraries	:	Two
iv) No.of Public Playgrounds	:	Nil
v) No.of Public Meeting Places	:	Two - Area -778 sq.m.
vi) Availability of open space per 1000 population * (As per 1981 census)	:	57 sq.m.
vii) No.of Cinema Theatres	:	Nil
viii) No.of Drama Theatres	:	Nil
ix) No.of Swimming Pools	:	Nil
x) No.of Gymnasia	:	Nil

*NOTE : Open space includes the area of public playgrounds and public meeting places.

8. OTHER FACILITIES :
IN THE TOWN
 (1982-83)

- a) Agricultural Produce Market Committee/ Yard : There is no Agricultural Produce Market Yard at Shriwardhan Town.
- b) Weekly Bazar : The Weekly bazar is held on every Saturday. It has occupied an area of about 8800 sq.m.
- c) Vegetable Market : There is a constructed vegetable market in the town in an area of about 4800 sq.metres.
- d) Fish & Mutton Market : There is a constructed fish and mutton market in the town in an area of about 1200 sq.m.
- e) No.of Organised Shopping Centres : The provision of Organised Shopping Centre is not available in the town.
- f) No.of Banks : There are 7 banks in the town of which 3 are Nationalised & 4 are Co-operative Banks.
- g) No.of Registered Shops/ Establishments : The Shop Act is not applicable.
- h) No.of Police Stations : 1
- i) No.of Police Out Posts or Chowkies. : Nil

9. INDUSTRIES :
IN THE TOWN
(1982-83)

As per 1971 Census, the functional classification of the town is 'Primary'. Shriwardhan with its surrounding area is mainly under the influence of agriculture viz. paddy cultivation and the industries based on agricultural source that is rice and poha mills are seen in town. There are two rice and poha mills.

Besides, there is also one small unit manufacturing steel clamps required for doors and windows and this unit is known as "Jupitar Industries Works". About 20 persons are working in this workshop. In short the industrial activity in the town is practically negligible.

10. INCOME AND :
EXPENDITURE OF
SHRIWARDHAN MUNICIPAL
COUNCIL (1982-83).

I) Income

a) Total Tax Revenue	: Rs. 5,92,876
b) Per Capita Tax Revenue (As per 1981 Census)	: Rs. 43.15
c) Total Non-Tax Revenue inclusive of Grants & Loans & excluding extraordinary debts.	: Rs. 2,15,243
d) Per Capita Non-Tax Revenue inclusive of Grants & Loans (As per 1981 Census).	: Rs. 15.67
e) Total Income inclusive of opening balance but excluding Extraordinary Debts.	: Rs. 12,80,142
f) Per Capita Total Income inclusive of opening balance but excluding Extraordinary Debts. (As per 1981 Census)	: Rs. 93.17

II) Expenditure

- a) Total Expenditure : Rs. 6,43,362
 excluding Extraordinary
 Debts, Deposits & closing
 balance.
- b) Per Capita Total Expenditure : Rs. 46.82
 excluding Extraordinary Debts,
 Deposits & closing balance.
 (As per 1981 Census)

11. BREAK UP : OF LAND USE (As per Dev. Plan)

(Area in Hectares)

Sr. No.	Type	Area as per	
		existing land-use 3	proposed land-use 4
	Reference Year	1971	1991
1.	Residential	20.36	50.10
2.	Commercial	1.09	4.50
3.	Open Spaces	-	9.90
4.	Public Utilities	7.85	29.05
5.	Roads	15.46	29.75
6.	Industrial	0.45	6.65
7.	Pulan (Waste Land)	10.36	4.05
8.	Hilly Area	67.98	67.95
9.	Water Course etc.	5.10	5.40
10.	Beach & Khajan land	41.54	39.17
11.	Agricultural Kharif land	102.58	40.40
12.	Wadies (Bagayat Land)	126.91	112.18
13.	Cremation & Burial Ground	5.02	5.60
TOTAL :		404.70	404.70

12. DEVELOPMENT PLAN :

- a) Date of sanction of Dev.Plan. : 15.5.1973
- b) Projected Population for the year 1991 as per Dev.Plan. : 17,000 souls
- c) Town Planning Schemes sanctioned, if any. : Nil
- d) Financial assistance so far released for the implementation of Dev.Plan.

Sr. No.	Name of the Site	1976-83		1983-84		1984-85		Total	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	3	4	5	6	7	8	9	10
	1. Construction of Public Latrines	-	-	-	27500	-	27900	-	55400
	Total	-	-	-	27500	-	27900	-	55400

.....

U R A N

1. NAME OF TOWN

: Uran

2. GEOGRAPHICAL
LOCATION AND
ADMINISTRATIVE
FUNCTIONS

: Latitude - 18° 60' N
Longitude - 72° 55' E

Uran is a 'C' Class Municipal town in Raigad District. It is situated at a distance of about 89 km. from the State Headquarters at Bombay. It is the headquarters of Uran Tahsil of Raigad District. Uran is recently connected by rail link from Panvel. It is also connected by road to Panvel, the headquarters of adjoining Tahsil and important town on National Highway No.4. Mora which is the port of Uran located to its north can be approached by daily motor launch service from Bombay.

The Municipal Council was established at Uran on 1st March, 1867. The area under the jurisdiction of the Mun. Council is 229.04 Ha.

3. GEOGRAPHY
AND PHYSICAL
FEATURES

: The town is situated in between two hills. The topography of lands of Uran Mun. Council comprised in villages Chanje and Mhativali is rather plain and gently sloping while that of village Boripakhadi is undulating and sloping towards creek. There is one big tank known as Bimla Tank in the centre of town. There is also a beautiful sandy beach known as 'Pirwadi' near the town. The southern portion has a rectangular shape.

The climate of Uran Town is similar to that of Bombay. The mean minimum and the mean maximum temperature are ranging from 22.2°C to 32.2°C. during the whole year. The range of relative humidity is from 63% to 91.3% the highest being occurred during rainy season.

: Winds are very strong from west or south-west during monsoon while they are moderate during Winter Season and generally blow in the direction between north-east and south-west.

The physical aspects of the town are as under :-

- i) Altitude - 11.3 m.abo
M.S.L
- ii) Temperature -
 - a) Maximum 32.2°C
 - b) Minimum 22.2°C
- iii) Annual Rain- 2072.3 mm.
fall.

The town is included in the area of the Bombay Metropolitan Region.

4. BRIEF HISTORY

: Uran is an important historical town and has an high strategic importance as it is just across the Port of Bombay. The name of the town originates from Uranvati Devi. Formerly it was an island. It was ruled by Emperors of Shilahars from 810 A.D. to 1260 A.D. During the period from 1530 A.D. to 1740 A.D., Uran was ruled by Portuguese. Subsequently it was taken over by Maratha Empire and in 1774 or so it was taken over by Britishers who ruled it till 1947.

5. DEMOGRAPHY

a) Population

1941	1951	1961	1971	1981
5794	8672	10229	12616	15160

b) Decadal Variation (%)

1941-51	1951-61	1961-71	1971-81
+ 49.67	+ 17.95	+ 23.34	+ 20.11

c) Sex Ratio : i) 1971 Census 1033
 (Females per 1000 males) ii) 1981 Census 908

d) Labour Participation Rate : i) Percentage of total workers to total population. 1971 : 30.08

ii) Percentage of total main workers to total population. 1981 : 31.58

e) Occupational Structure

I) As per 1971 Census

Sr. No.	Category	Workers		% of workers to total workers.
		(Males)	Females	
1	2	3	4	5
1.	Cultivators	841	22	
2.	Agricultural Labourers	48	20	
3.	Livestock, Forestry, Fishing, Hunting & Plantations etc.	258	9	
4.	Mining and Quarrying	-	-	
I)	TOTAL - Primary Sector	390	51	11.62
5.	Manufacturing, Processing, Servicing & Repairs.			
	i) Household Industries	213	39	
	ii) Other than Household Industries.	963	115	
6.	Construction	78	15	
II)	TOTAL - Secondary Sector	1254	169	37.50
7.	Trade & Commerce	591	44	
8.	Transport, Storage and Communications.	523	18	
9.	Other Services	609	146	
III)	TOTAL - Tertiary Sector	1723	208	50.88
	TOTAL WORKERS(I+II+III)	3367	428	100.00

II) As per 1981 Census

Sr. No.	Category	Workers		% of workers to total workers.
		Males	Females	
1	2	3	4	5
1.	Cultivators (I)	55	43	2.00
2.	Agricultural Labourers(II)	44	10	1.10
3.	Household Industry, Manufacturing, Processing, Servicing & Repairs(Va)	92	30	2.49
4.	Other Workers (III,IV,Vb & VI to IX)	3839	677	92.01
5.	TOTAL - Main Workers (I. to IX)	4030	760	97.60
6.	Marginal Workers	45	73	2.40
7.	TOTAL WORKERS (Sr.No.5+6)	4075	833	100.00

f) Disabled population :
by type of disability
(1981 Census)

Totally Blind	Totally Crippled
1	4
Totally Dumb	Total No. of Physically Handicapped
3	8

g) Age Structure
(1971 Census)

Age Groups			
0-14	15-39	40-59	60 and above
4772	5365	1854	625
Age not stated			Total
-			12616

h) Literacy (%) :	Males	Females	Total
i) 1971 Census	69.14	46.46	58.51
ii) 1981 Census	74.20	57.72	66.36

i) Town Density : i) 1971 - 55 persons
Census per Ha.
ii) 1981 - 66 do
Census

6. AVAILABILITY
OF PHYSICAL
INFRASTRUCTURE

a) i) No. of : 3021
Housholds
(As per 1981
Census)
ii) No. of : 2934
Occupied resi-
dential Houses
(As per 1981
Census)

b) Water Supply : Chlorinated piped water supply is available to the town. At present the water is supplied from Kansai Dam by the Maharashtra Industrial Development Corporation. The daily per capita supply is about 138 litres.

i) No. of Household - 924
connections

ii) No. of Public Stand - 78
Posts

c) Drainage. : Uran is one of those towns in the Bombay Metropolitan Region where the underground drainage system is not available at present. There is surface drainage system in vogue in the town. The length of open kutchra gutters is about 7500 m. and that of pucca gutters is 9300 m.

d) Electricity

: Electric supply is provided by the Maharashtra State Electricity Board. The Sub-station is situated in the town.

e) Transport and Communications

: I) Transport -

A) Rail - Recently the construction of a railway track from Panvel to Uran has been completed by the Central Railway, but it is not yet opened for passenger traffic.

B) Roads -

i) External - Uran-Panvel a Major District Road, Karanja Road and Mora-Uran Road which are other District Roads convey external traffic.

Besides Mora, being a port of Uran, is connected by sea with Bombay by regular daily launch service.

ii) Internal - Due to unplanned development circulation system is chaotic and unguided. Main road i.e. Bazar Road is very congested and narrow.

Following are the internal roads of the town -

- 1) Kumbharwada Road
- 2) Masjid Mohalla Road
- 3) Bazar Road

The typewise road length is as under :-

1) Asphalted	-	10.502 km.
2) Cement Concrete	-	0.403 km.
3) W.B.M.	-	1.595 km.
Total		<u>12.500 km.</u>

The average width of internal roads is 6 metres.

- : iii) Availability of city buses for intracity movement -

The facility of city bus service is not provided to the town.

II) Communications -

- | | | |
|--|---|-----|
| i) No. of Telephone connections installed. | - | 245 |
| ii) No. of Post Offices | - | 1 |
| iii) No. of Telegraph Offices | - | 1 |
| iv) No. of Post Offices having telegraph facility. | - | 1 |

- f) Fire Service : Fire service is not made available to the residents of the town by the Municipal Council.

7. AVAILABILITY OF SOCIAL INFRASTRUCTURE (1982-83) :

a) Education -

I) Primary -

Primary Schools are run by the Municipal Council and Zilla Parishad.

- | | | |
|---|---|------|
| i) No. of Pre-primary Schools | : | 2 |
| ii) No. of Students | : | 100 |
| iii) No. of Primary Schools | : | 6 |
| iv) No. of Students | : | 3139 |
| v) No. of Primary Schools in own premises | : | 1 |
| vi) No. of Primary Schools in hired premises | : | 5 |
| vii) No. of Primary Schools having Playground facility. | : | Nil |

II) Secondary -

Secondary Schools are run by Private Institutions.

i) No. of Secondary Schools	:	3
ii) No. of Students	:	1469
iii) No. of Secondary Schools in own premises	:	3
iv) No. of Secondary Schools in hired premises	:	Nil
v) No. of Secondary Schools having Playground facility	:	2

III) Higher -

i) No. of Colleges	:	1 (Arts, Commerce & Science)
ii) No. of Students	:	163
iii) No. of Colleges having Playground facility	:	1

IV) Technical -

The facility of Technical Education is not provided to the students of this town.

b) Health

i) No. of Public Dispensaries	:	1
ii) No. of Public Hospitals	:	1 (Run by the Mun. Council)
iii) No. of Beds	:	6
iv) No. of Veterinary Dispensaries	:	Nil
v) No. of Public Latrines	:	16 (Seats - 63)
vi) No. of Slums/Zopadpatties	:	Nil
vii) Slum Population residing in Slum areas/Zopadpatties	:	Nil

c) Recreational facilities and amenities

i) No.of Parks & Gardens	:	Parks - 2 Gardens-1
ii) No.of Clubs	:	1
iii) No.of Public Libraries	:	2
iv) No.of Public Playgrounds	:	Nil
v) No.of Public Meeting Places	:	Nil
vi) Availability of open space per 1000 population * (As per 1981 Census)	:	Nil
vii) No.of Cinema Theatres	:	1
viii) No.of Drama Theatres	:	Nil
ix) No.of Swimming Pools	:	Nil
x) No.of Gymnasia	:	Nil

* NOTE : Open space includes the area of public playgrounds and public meeting places.

8. OTHER FACILITIES :
IN THE TOWN
(1982-83)

a) Agricultural Produce Market Committee/ Yard	:	The facility of Agricultural Produce Market Yard is not provided to the town.
--	---	---

- b) Weekly Bazar : Weekly Bazar is not held on any specific day.
- c) Vegetable Market : There is one vegetable market constructed by the Mun. Council.
(Area - 583 sq.m.)
- d) Fish & Mutton Market : There are also two regular fish markets in the town
(Area - 448.5 sq.m.)
- e) No. of Organised Shopping Centres : Nil
- f) No. of Banks : 6 (Nationalised-4, Commercial-1 Co-operative-1)
- g) No. of Registered Shops/Establishments : 486
- h) No. of Police Stations : 1
- i) No. of Police Out Posts or Chowkies. : 1

9. INDUSTRIES
IN THE TOWN
(1983-84)

: The functional classification of the town is "Commercial, Industry and Primary". There are five Power looms Industries one Saw Mill, One Ice Candy Factory, One Rice Mill, three Grinding Wheel and other Engineering factories and Workshops functioning in the town. They are providing the employment to about 1121 workers.

10. INCOME AND :
EXPENDITURE OF
URAN MUNICIPAL COUNCIL
(1982-83)

I) Income

- a) Total Tax Revenue : Rs. 24,93,725
- b) Per Capita Tax Revenue : Rs. 164.41
 (As per 1981 Census)
- c) Total Non-Tax Revenue : Rs. 11,24,285
 inclusive of Grants and
 Loans & excluding extra-
 ordinary debts.
- d) Per Capita Non-Tax : Rs. 74.12
 Revenue inclusive of
 Grants & Loans
 (As per 1981 Census)
- e) Total Income inclusive : Rs. 39,22,648
 of opening balance but
 excluding Extraordinary
 Debts).
- f) Per Capita Total Income : Rs. 258.61
 inclusive of opening
 balance but excluding
 Extraordinary Debts.
 (As per 1981 Census)

II) Expenditure

- a) Total Expenditure : Rs. 24,97,319
 excluding Extraordinary
 Debts, Deposits & closing
 balance.
- b) Per Capita Total Expenditure: Rs. 164.64
 excluding Extraordinary Debts,
 Deposits & closing balance.
 (As per 1981 Census)

11. BREAK UP :
OF LAND USE
 (As per Dev.Plan)

Sr. No.	Type	(Area in Hectares)	
		existing land-use	proposed land-use
	Reference Year	1969	1991
1.	Residential	30.70	53.13
2.	Commercial	2.18	2.46
3.	Industrial	11.70	14.92
4.	Public Purpose	20.40	20.21
5.	Transport & Communication	18.85	23.80
6.	Cremation & Burial Ground	0.35	0.35
7.	Other amenities/Public Utilities	0.91	0.60
8.	Water bodies	9.31	9.31
9.	Agricultural	70.60	-
10.	Hills	43.90	21.74
11.	Vacant land	5.54	-
12.	Wadi Land	14.60	-
13.	No Development Zone	-	82.52
TOTAL :		229.04	229.04

12. DEVELOPMENT :
PLAN

- a) Date of sanction of Dev.Plan : 28.7.1975
- b) Projected Population for the year 1991 as per Dev.Plan. : 20,000 souls
- c) Town Planning Schemes sanctioned, if any. : Nil

d) Financial assistance so far released for the implementation of Dev.Plan.

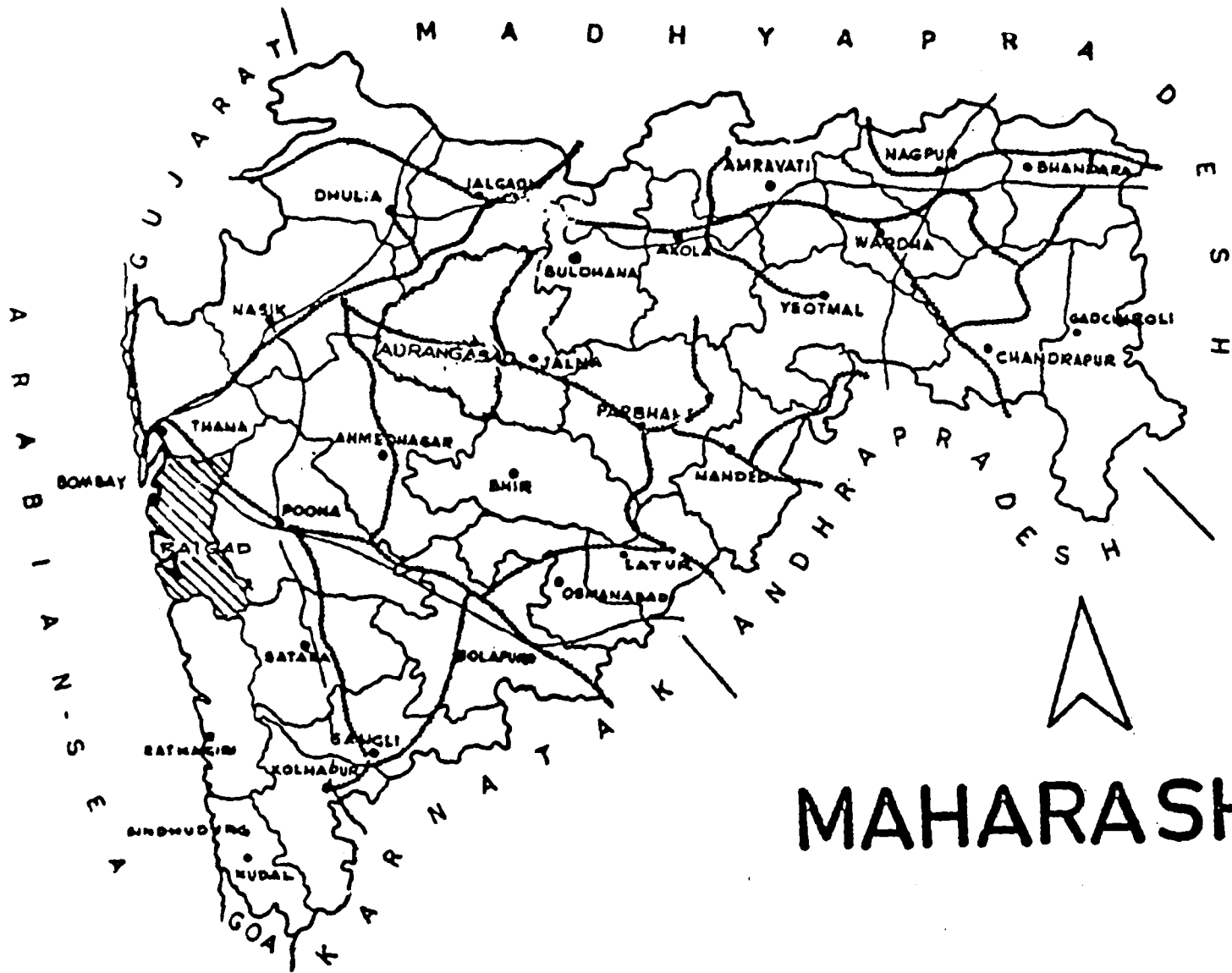
Sr. No.	Name of the Site	1976-77		1977-78		1978-79		1979-80		1980-81	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	3	4	5	6	7	8	9	10	11	12
1.	Acquisition of land for Hospital & Maternity Home in site No.11.	-	-	-	-	-	-	-	-	-	-
2.	Construction of Public Latrines in site No.29.	-	-	2000	-	2000	-	-	2000	-	-
3.	Acquisition of land for playground in site No.36.	-	542500	-	542500	-	542500	-	542500	-	542500
4.	Construction of Primary School in site No.18.	3500	-	2000	316680	79310	-	-	2000	-	2000
5.	Acquisition of land for Fish Market in site No.18.	-	-	-	-	-	-	-	-	-	-
Total		3500	542500	2000	316680	79310	542500	2000	542500	2000	542500

Sr. No.	Name of the Site	1981-82		1982-83		1983-84		1984-85		Total	
		Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA	Loan	GIA
1	2	13	14	15	16	17	18	19	20	21	22
1.	Acquisition of land for Hospital & Maternity Home in Site No.11.	-	-	-	155200	-	25000	-	-	-	180200
2.	Construction of Public Latrines in site No.29.	-	5000	-	-	-	-	-	-	-	5000
3.	Acquisition of land for playground in site No.36.	-	245200	-	-	-	-	-	-	-	245200
4.	Construction of Primary School in site No.18.	-	3500	-	316880	-	-	-	-	-	719870
5.	Acquisition of land for Fish Market in site No.18.	-	-	-	-	-	48000	-	-	-	48000
Total		-	253700	-	472080	-	73000	-	-	-	1198270

- 141 -

Kts/12386.

.....



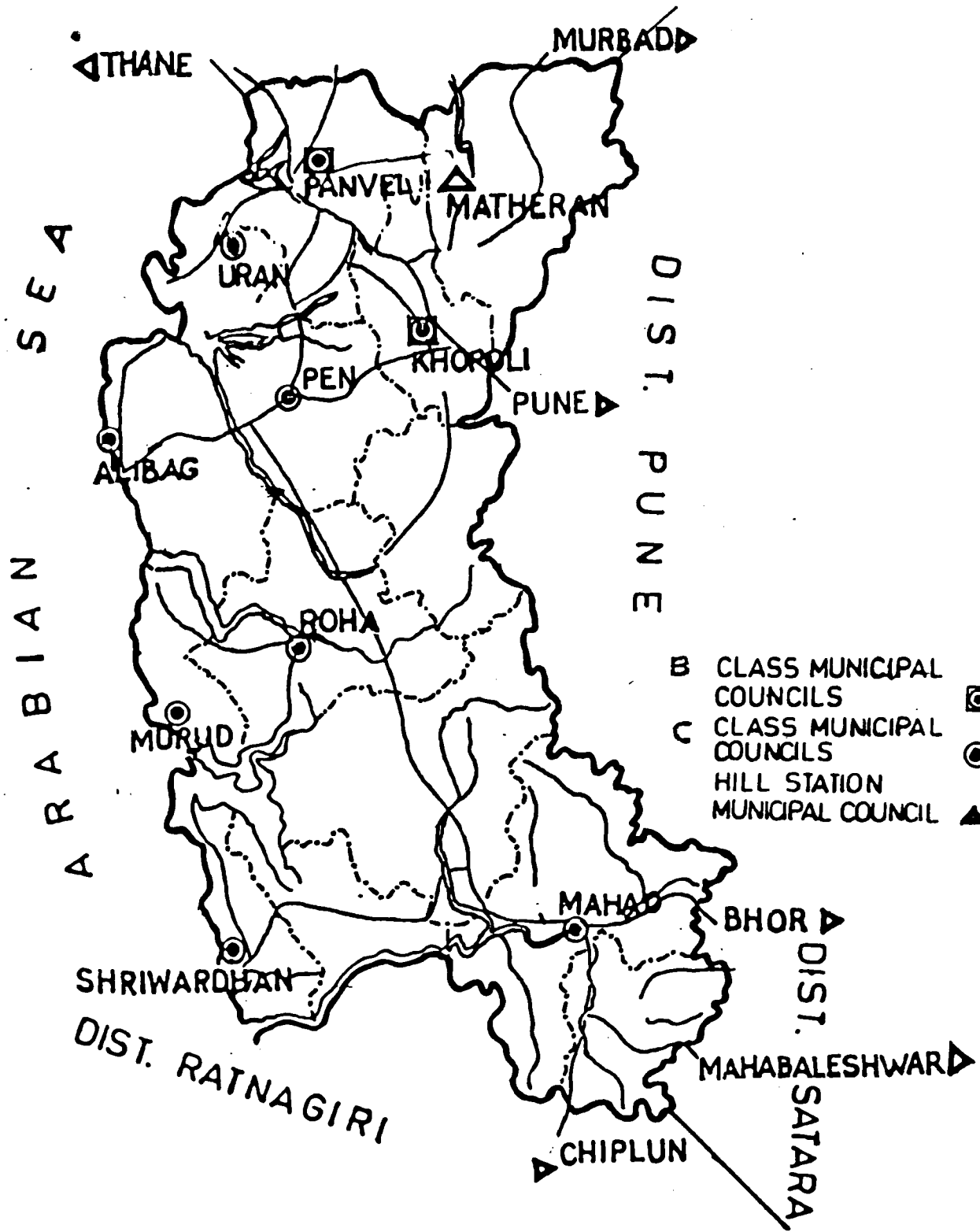
MAHARASHTRA



VIII
DIST.-RAIGAD



DIST. THANE



ALIBAG - BRANCH.
RAIGAD.














DEVELOPMENT PLAN OF ALIBAG

EXISTING LAND USE PLAN.

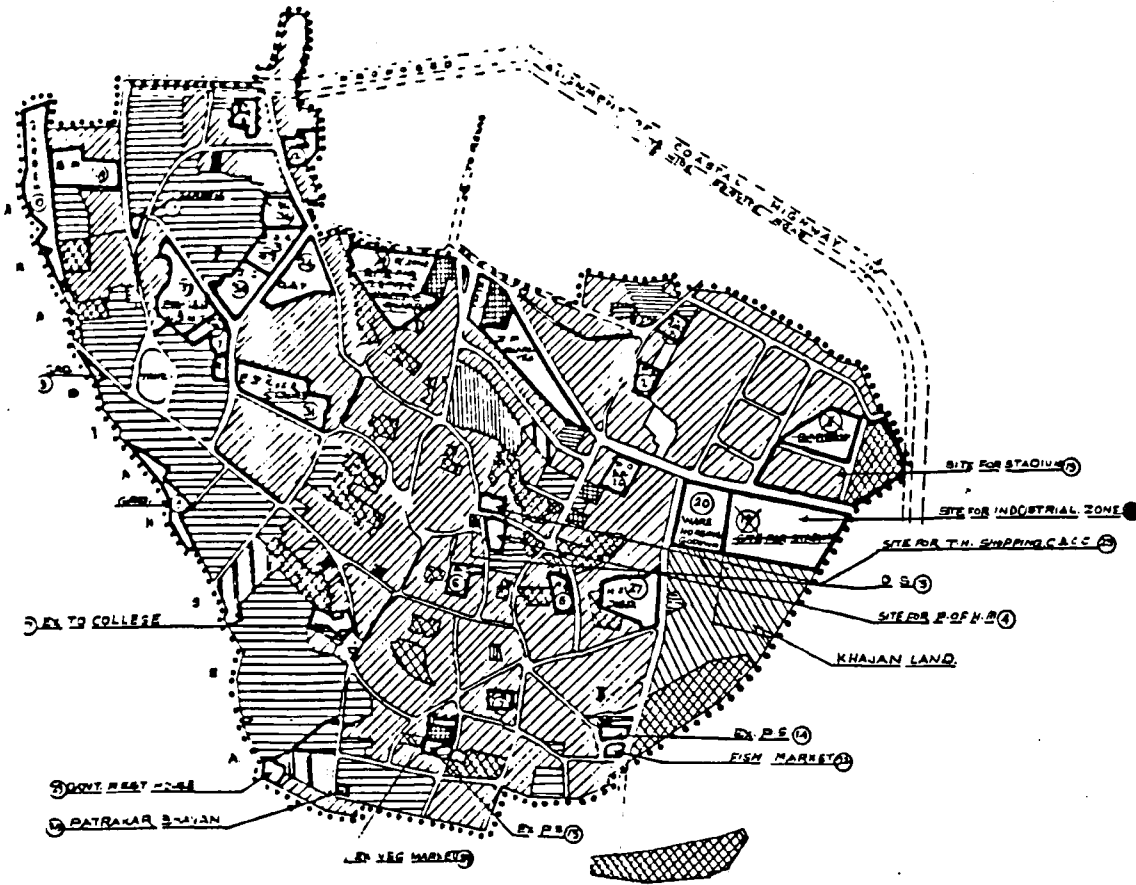


N.
SCALE: - 1" = 1600'

NOTES.

-  RESIDENTIAL
-  COMMERCIAL
-  INDUSTRIAL
-  PUBLIC & SEMI PUBLIC
-  OPEN SPACES, GARDENS ETC
-  TRANSPORT & COMMUNICATION
-  WADI LAND
-  AGRICULTURAL LAND
-  WATER BODIES
-  BURIAL GROUND
-  VACANT LAND
-  KHJAN LAND
-  MUNICIPAL LIMIT

XI



DEVELOPMENT PLAN OF ALIBAG (REVISED)

NOTE

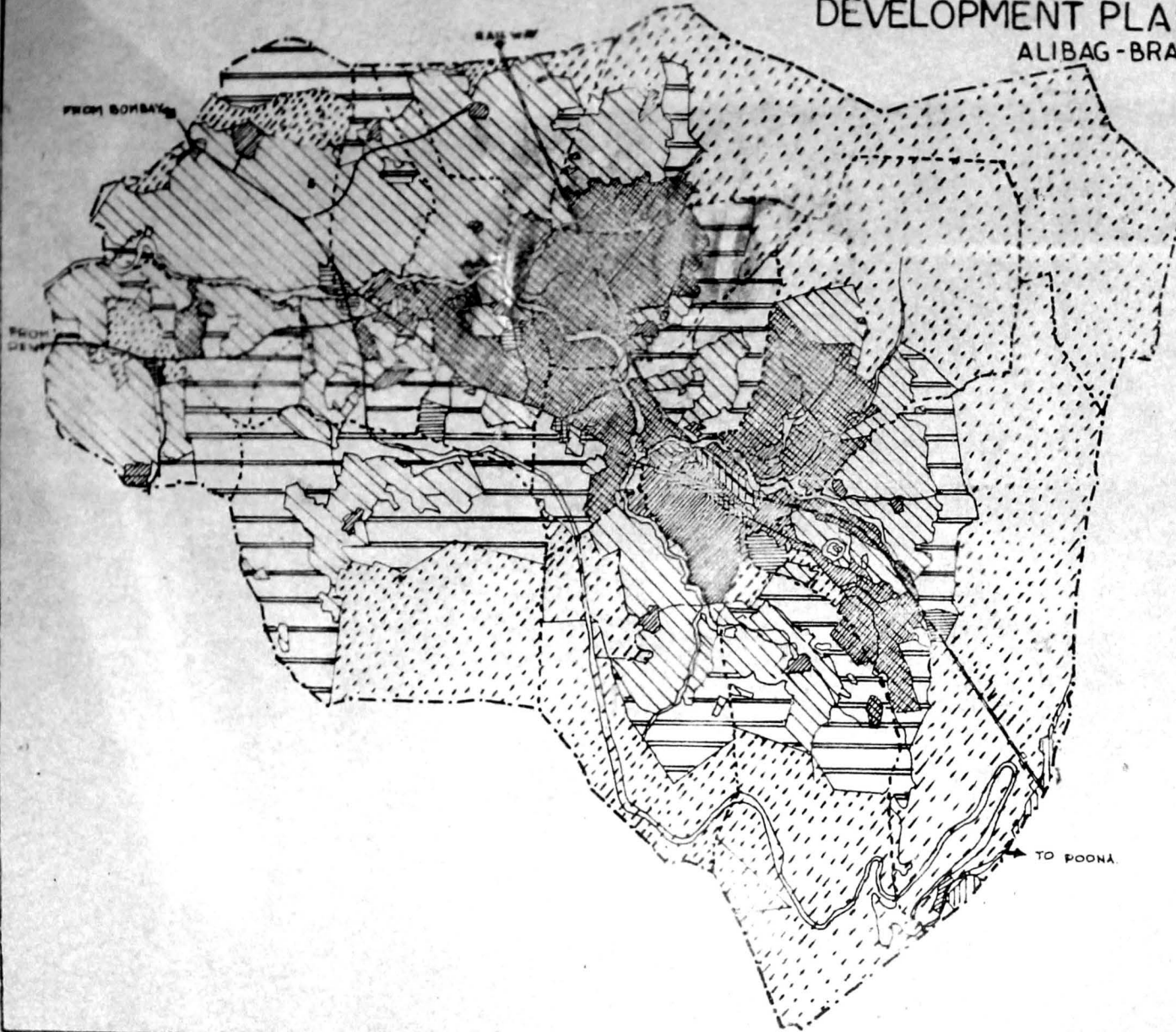
- MUNICIPAL LIMIT —————
- C.T.S. LIMIT —————
- RESIDENTIAL —————
- COMMERCIAL —————
- INDUSTRIAL —————
- PUBLIC & SEMI PUBLIC —————
- TRANSPORT —————
- OPEN SPACE —————
- AGRICULTURAL —————
- WATER BODIES —————
- NO DEVELOPMENT ZONE —————
- WADI LAND —————
- KHAIJAN LAND —————
- BEACH LAND —————
- CREMATION & BURIAL —————
- HILLY AREA —————
- —————

X



**ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD**

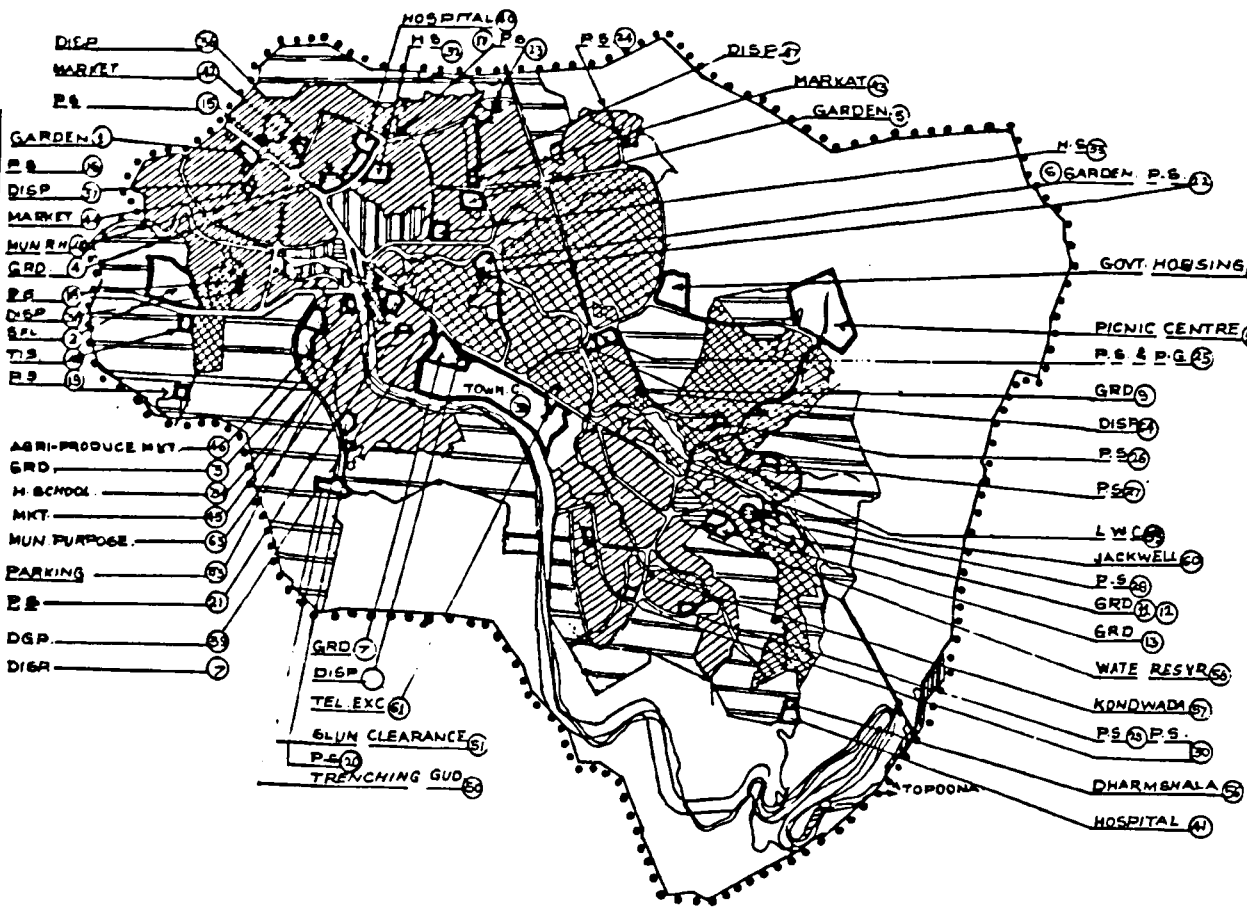
TOWN PLANNING & VALUATION DEPARTMENT
 DEVELOPMENT PLAN OF KHOPOLI.
 ALIBAG-BRANCH. (RAIGAD).



LEGEND:-

- 1) RESIDENTIAL
- 2) COMMERCIAL
- 3) INDUSTRIAL
- 4) PUBLIC & SEMI PUBLIC
- 5) AGRICULTURAL LAND
- 6) VARKAS LAND
- 7) FOREST LAND
- 8) WATER BODIES
- 9) TRANSPORT & COMMUNICATION
- 10) BURIAL & CREMATION GROUNDS
- 11) VILLAGE BOUNDARY
- 12) MUNICIPAL LIMIT





DEVELOPMENT PLAN OF KHOPOLI (SANCTIONED)

NOTE

● MUNICIPAL LIMIT	-----	●●●
● CTS LIMIT	-----	---
● RESIDENTIAL	-----	▨▨▨
● COMMERCIAL	-----	▩▩▩
● INDUSTRIAL	-----	▧▧▧
● PUBLIC & SEMI PUBLIC	-----	▪▪▪
● TRANSPORT	-----	▬▬▬
● OPEN SPACE	-----	░░░
● AGRICULTURAL	-----	▩▩▩
● WATER BODIES	-----	▧▧▧
● NO DEVELOPMENT ZONE	-----	▩▩▩
● WADI LAND	-----	▩▩▩
● KHAJAN LAND	-----	▩▩▩
● BEACH LAND	-----	▩▩▩
● CREMATION & BURIAL	-----	▩▩▩
● HILLY AREA	-----	▩▩▩
●	-----	▩▩▩








ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD





RAIGAD

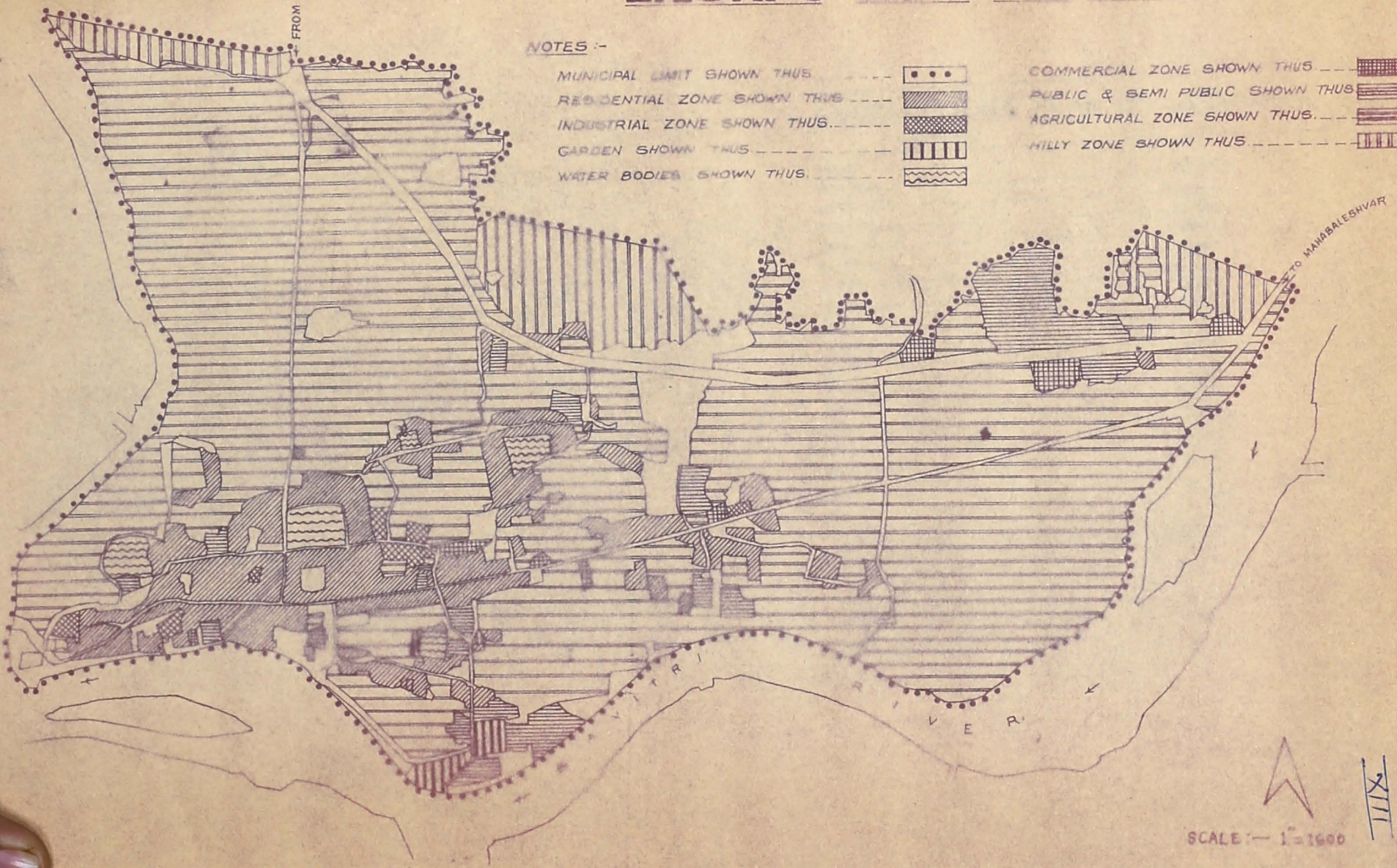
EXISTING LAND USE PLAN

FROM BOMBAY

NOTES :-

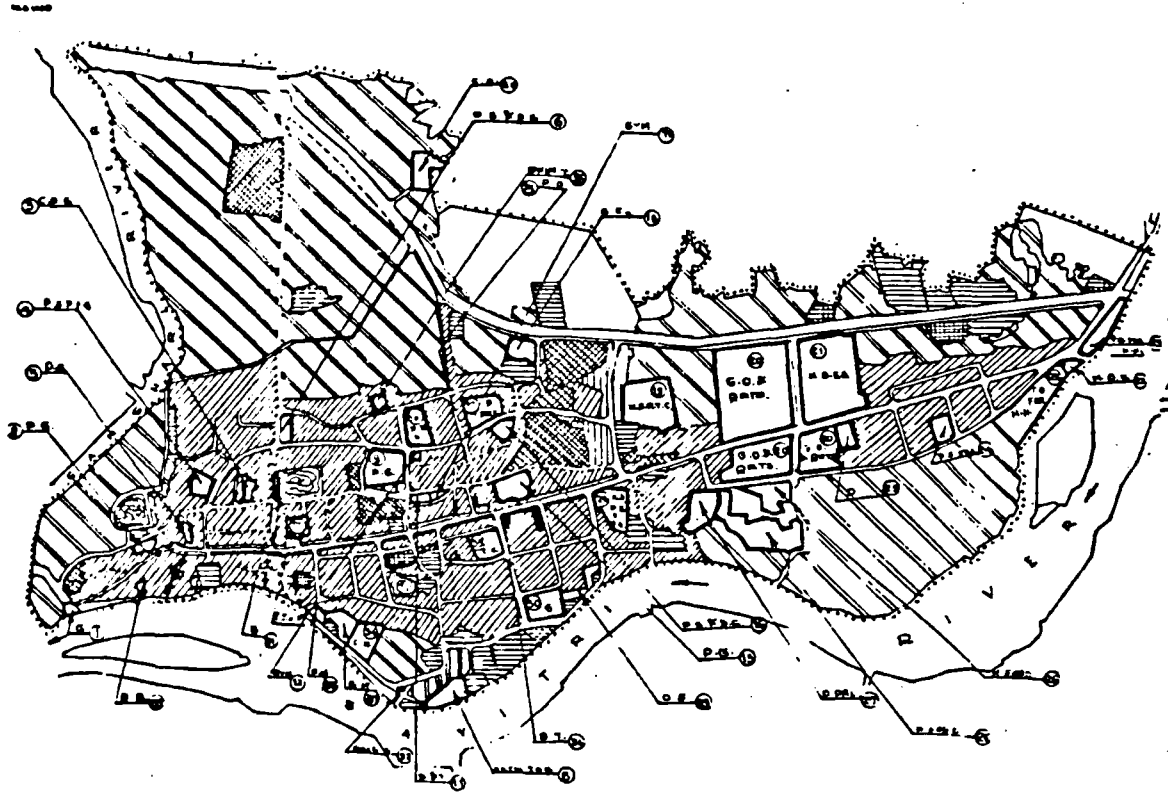
- MUNICIPAL LIMIT SHOWN THUS 
- RESIDENTIAL ZONE SHOWN THUS 
- INDUSTRIAL ZONE SHOWN THUS 
- GARDEN SHOWN THUS 
- WATER BODIES SHOWN THUS 

- COMMERCIAL ZONE SHOWN THUS 
- PUBLIC & SEMI PUBLIC SHOWN THUS 
- AGRICULTURAL ZONE SHOWN THUS 
- HILLY ZONE SHOWN THUS 



TO MAHABALSHVAR

SCALE - 1" = 1600



DEVELOPMENT PLAN OF MAHAD (REVISED)

NOTE

● MUNICIPAL LIMIT	—————	
● CTS LIMIT	—————	
● RESIDENTIAL	—————	
● COMMERCIAL	—————	
● INDUSTRIAL	—————	
● PUBLIC & SEMI PUBLIC	—————	
● TRANSPORT	—————	
● OPEN SPACE	—————	
● AGRICULTURAL	—————	
● WATER BODIES	—————	
● NO DEVELOPMENT ZONE	—————	
● WADI LAND	—————	
● KHAJAN LAND	—————	
● BEACH LAND	—————	
● CREMATION & BURIAL	—————	
● HILLY AREA	—————	
●	—————	



**ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD**

DEVELOPMENT PLAN OF MATHERAN RAIGAD

EXISTING LAND USE PLAN.

NOTES.

RESIDENTIAL _____ 

COMMERCIAL _____ 

PUBLIC & SEMI PUBLIC _____ 

OPEN SPACES, & HILLY AREA. _____ 

MUNICIPAL LIMIT. _____ 



SCALE:- 1" = 2640'

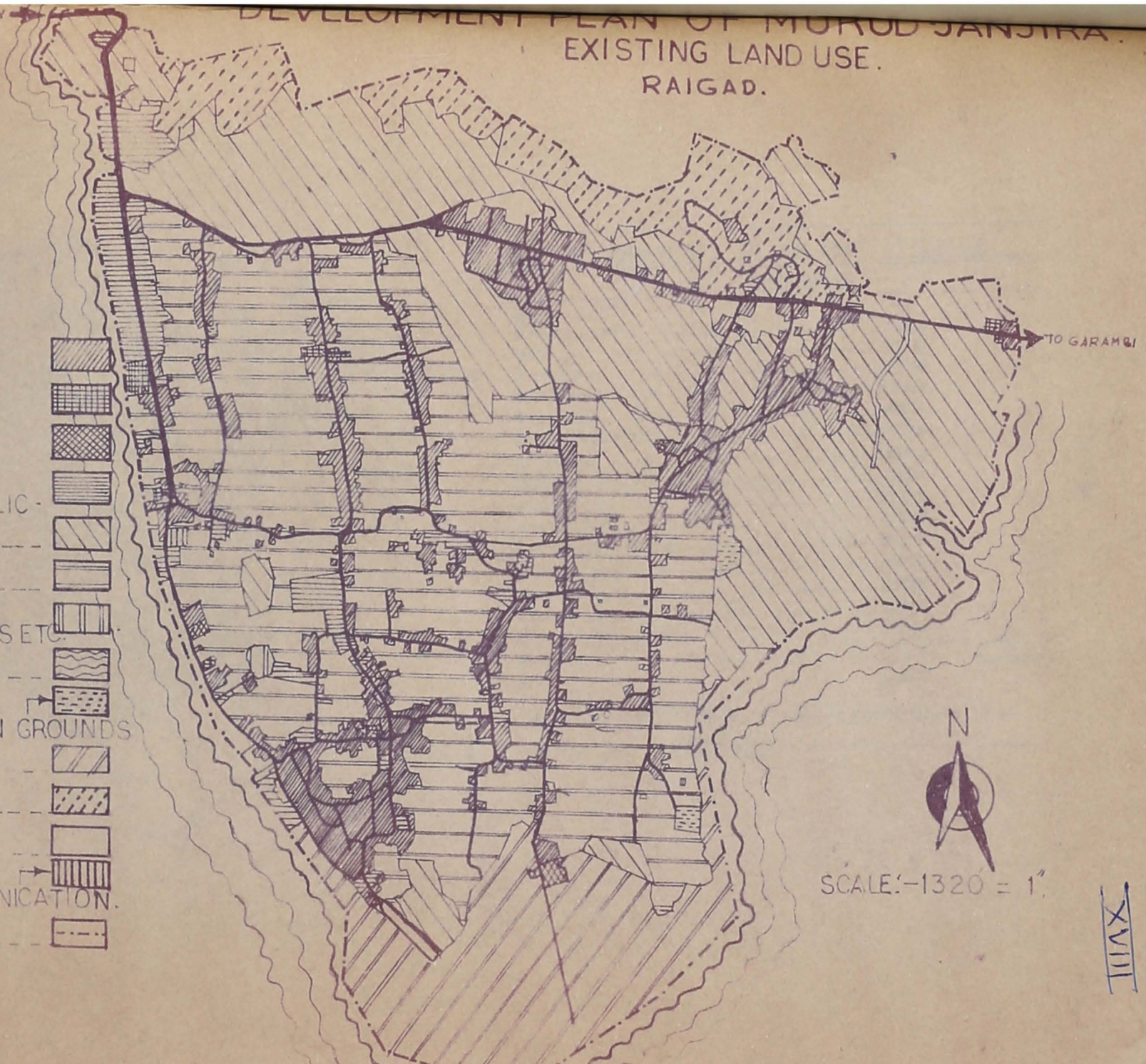


FROM GALAY

DEVELOPMENT PLAN OF MURUD JANSTRA EXISTING LAND USE. RAIGAD.

LEGEND:-

- 1) RESIDENTIAL -----
- 2) COMMERCIAL -----
- 3) INDUSTRIAL -----
- 4) PUBLIC & SEMI PUBLIC -----
- 5) AGRICULTURAL LAND -----
- 6) WADI LAND -----
- 7) OPEN SPACES, GARDENS ETC. -----
- 8) WATER BODIES -----
- 9) BURIAL & CREMATION GROUNDS -----
- 10) KHAJAN LAND -----
- 11) HILLY AREA -----
- 12) VACANT LAND -----
- 13) TRANSPORT & COMMUNICATION -----
- 14) MUNICIPAL LIMIT -----

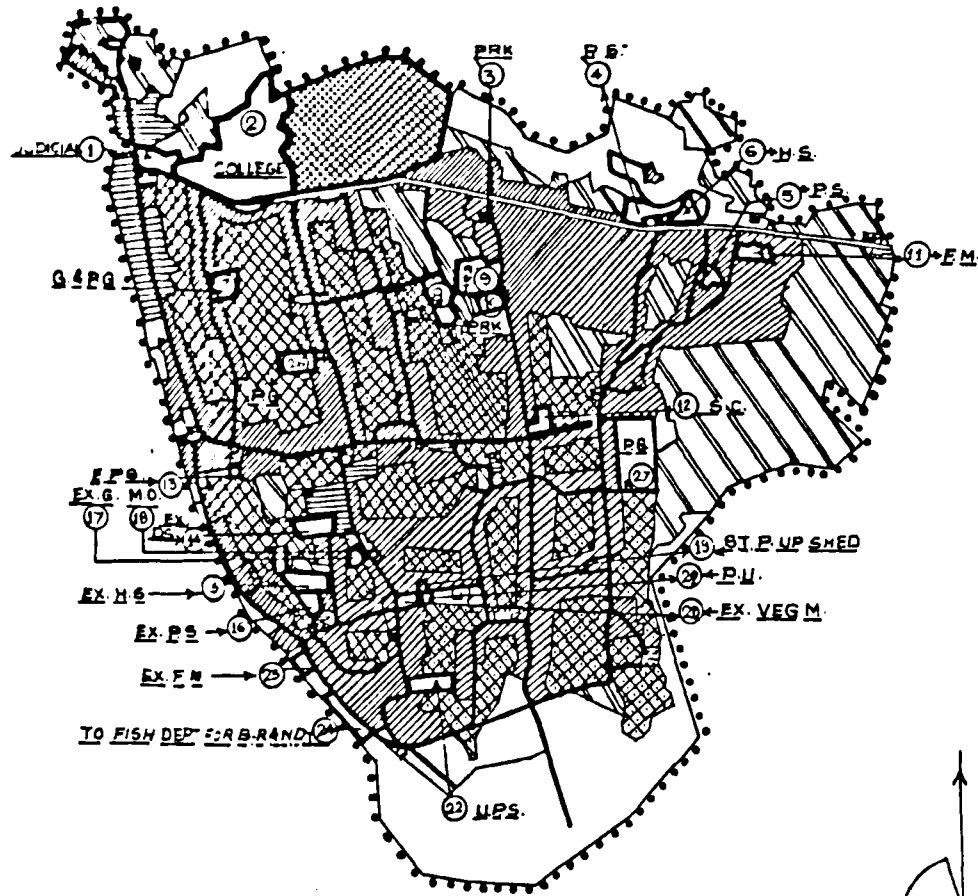


TO GARAMBI



SCALE:- 1320 = 1"

XVII



DEVELOPMENT PLAN OF MURUD (SANCTIONED)

NOTE

- MUNICIPAL LIMIT [Dotted line]
- C.T.S. LIMIT [Dashed line]
- RESIDENTIAL [Diagonal lines /]
- COMMERCIAL [Diagonal lines \]
- INDUSTRIAL [Cross-hatch]
- PUBLIC & SEMI PUBLIC [Horizontal lines]
- TRANSPORT [Vertical lines]
- OPEN SPACE [White space]
- AGRICULTURAL [Wavy lines]
- WATER BODIES [Wavy lines]
- NO DEVELOPMENT ZONE [White space]
- WADI LAND [Diagonal lines /]
- KHAJAN LAND [Diagonal lines \]
- BEACH LAND [Wavy lines]
- CREMATION & BURIAL [Cross-hatch]
- HILLY AREA [White space]
- [Small circle]



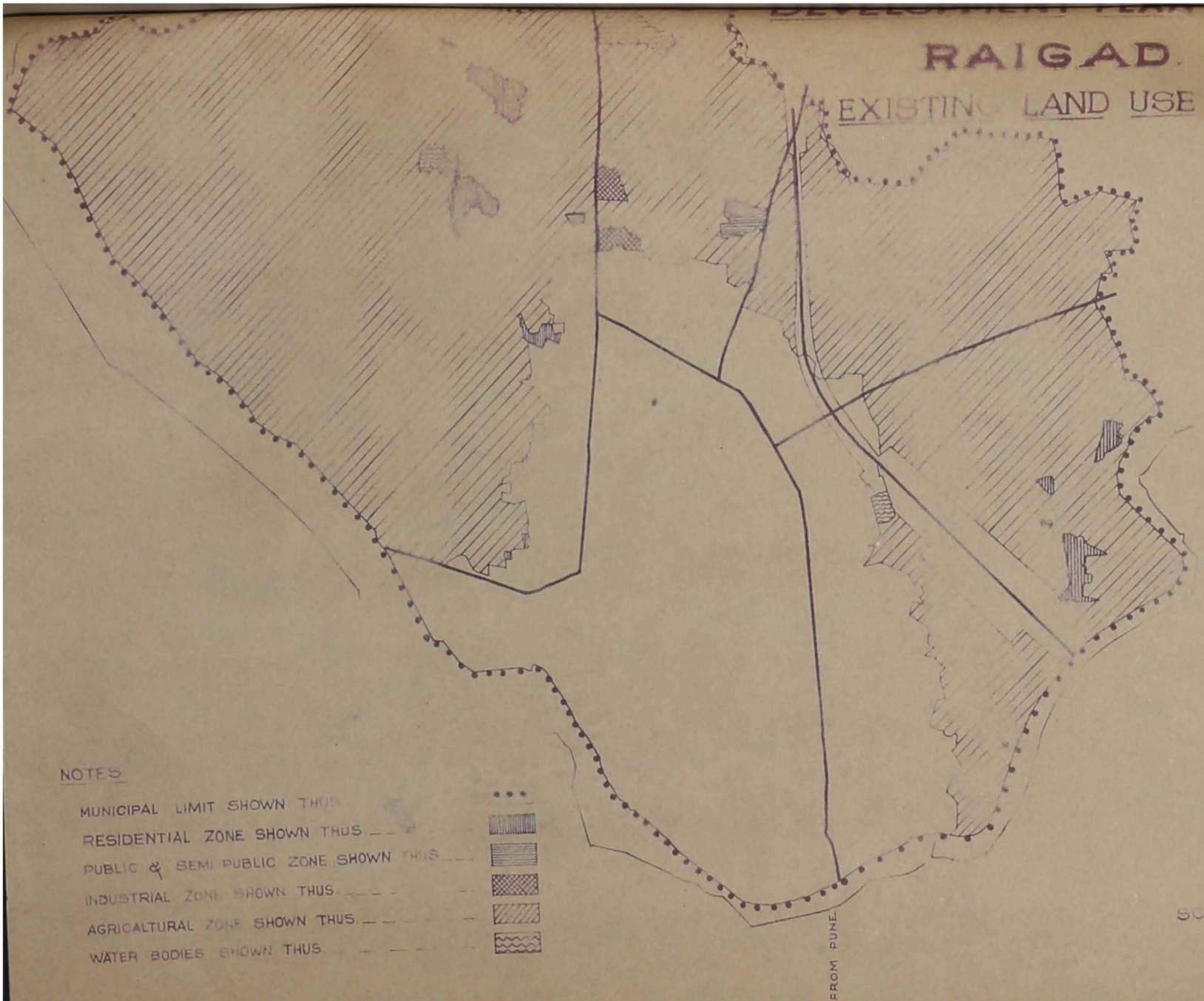
ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD

XIX









RAIGAD.

EXISTING LAND USE PLAN



NOTES

- MUNICIPAL LIMIT SHOWN THUS 
- RESIDENTIAL ZONE SHOWN THUS 
- PUBLIC & SEMI PUBLIC ZONE SHOWN THUS 
- INDUSTRIAL ZONE SHOWN THUS 
- AGRICULTURAL ZONE SHOWN THUS 
- WATER BODIES SHOWN THUS 

SCALE - 1 = 2640

XXX










DEVELOPMENT PLAN OF PANVEL

RAIGAD (INNER)

EXISTING LAND USE PLAN



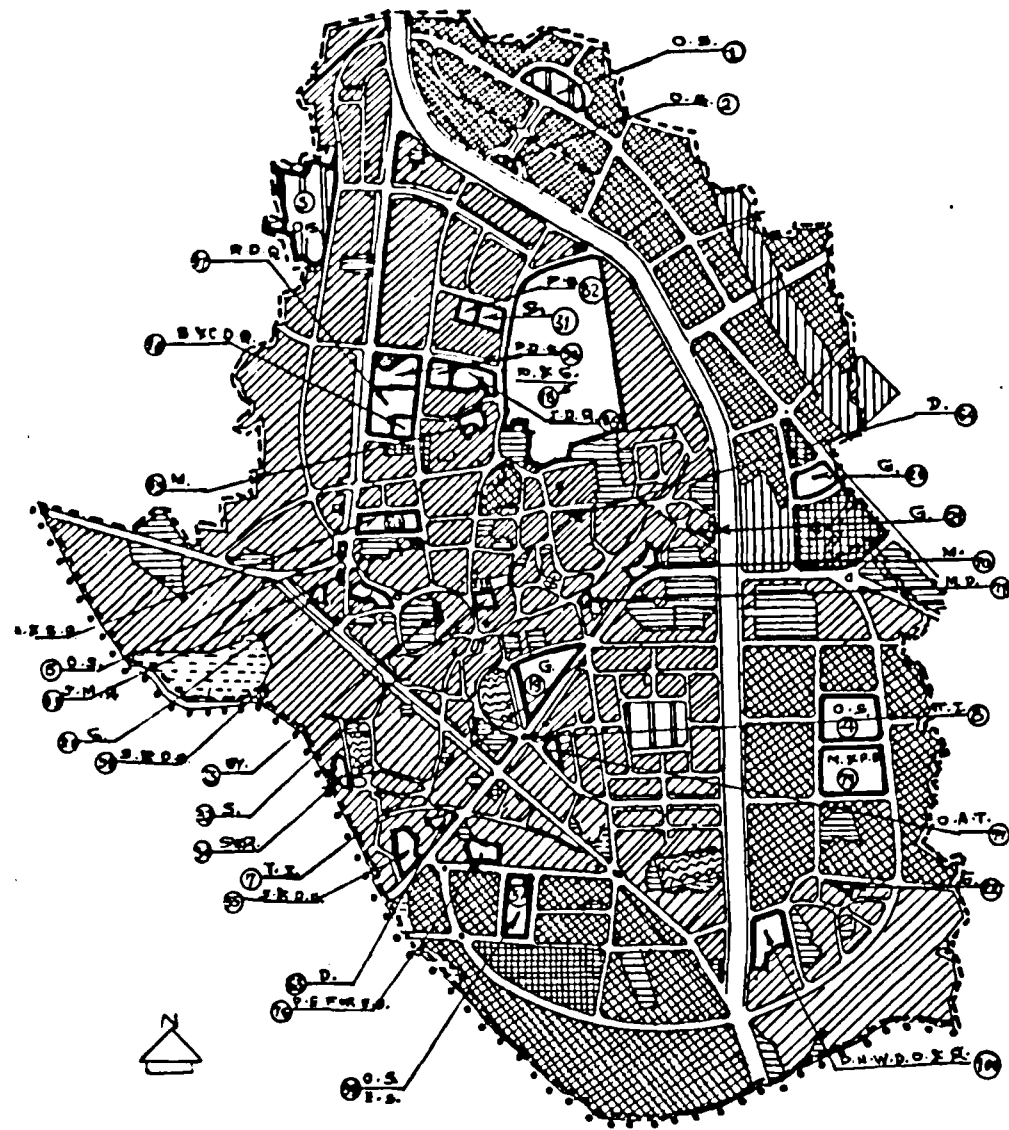
NOTES

- MUNICIPAL LIMIT SHOWN THUS 
- RESIDENTIAL ZONE SHOWN THUS 
- PUBLIC & SEMI-PUBLIC ZONE SHOWN THUS 
- COMMERCIAL ZONE SHOWN THUS 
- INDUSTRIAL ZONE SHOWN THUS 
- TRANSPORT & COMMUNICATIONS 
- PUBLIC UTILITIES 
- WATER BODIES 
- AGRICULTURAL ZONE SHOWN THUS 

N

SCALE 1:600

XX
XX



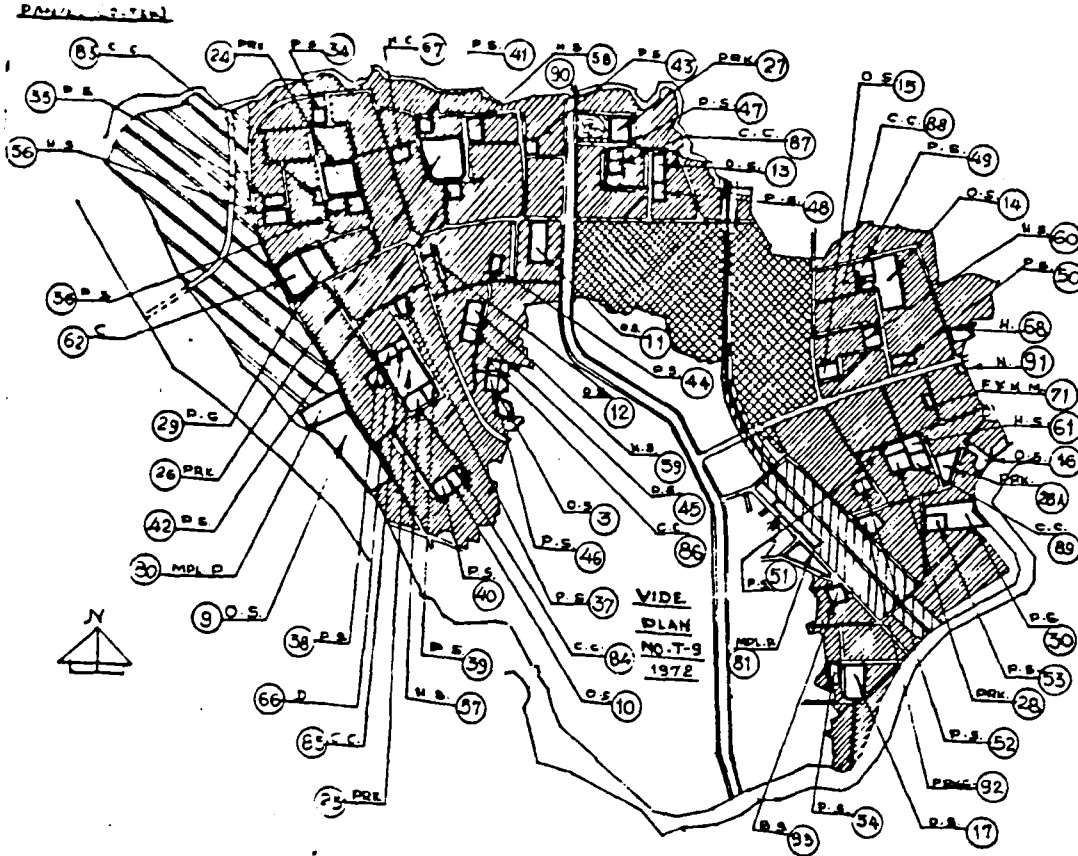
DEVELOPMENT PLAN OF PANVEL
(SANCTIONED)

NOTE

● MUNICIPAL LIMIT	—————	⊠
● C.T.S. LIMIT	—————	⊠
● RESIDENTIAL	—————	⊠
● COMMERCIAL	—————	⊠
● INDUSTRIAL	—————	⊠
● PUBLIC & SEMI PUBLIC	—————	⊠
● TRANSPORT	—————	⊠
● OPEN SPACE	—————	⊠
● AGRICULTURAL	—————	⊠
● WATER BODIES	—————	⊠
● NO DEVELOPMENT ZONE	—————	⊠
● WADI LAND	—————	⊠
● KHAJAN LAND	—————	⊠
● BEACH LAND	—————	⊠
● CREMATION & BURIAL	—————	⊠
● HILLY AREA	—————	⊠
●	—————	⊠



ASST. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD



DEVELOPMENT PLAN OF PANVEL (SANCTIONED) (OUTER)

NOTE

- MUNICIPAL LIMIT —————
- C.T.S. LIMIT —————
- RESIDENTIAL —————
- COMMERCIAL —————
- INDUSTRIAL —————
- PUBLIC & SEMI PUBLIC —————
- TRANSPORT —————
- OPEN SPACE —————
- AGRICULTURAL —————
- WATER BODIES —————
- NO DEVELOPMENT ZONE —————
- WADI LAND —————
- KHAJAN LAND —————
- BEACH LAND —————
- CREMATION & BURIAL —————
- HILLY AREA —————



ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD

XXII

TOWN PLANNING AND VALUATION DEPARTMENT
ALIBAG BRANCH

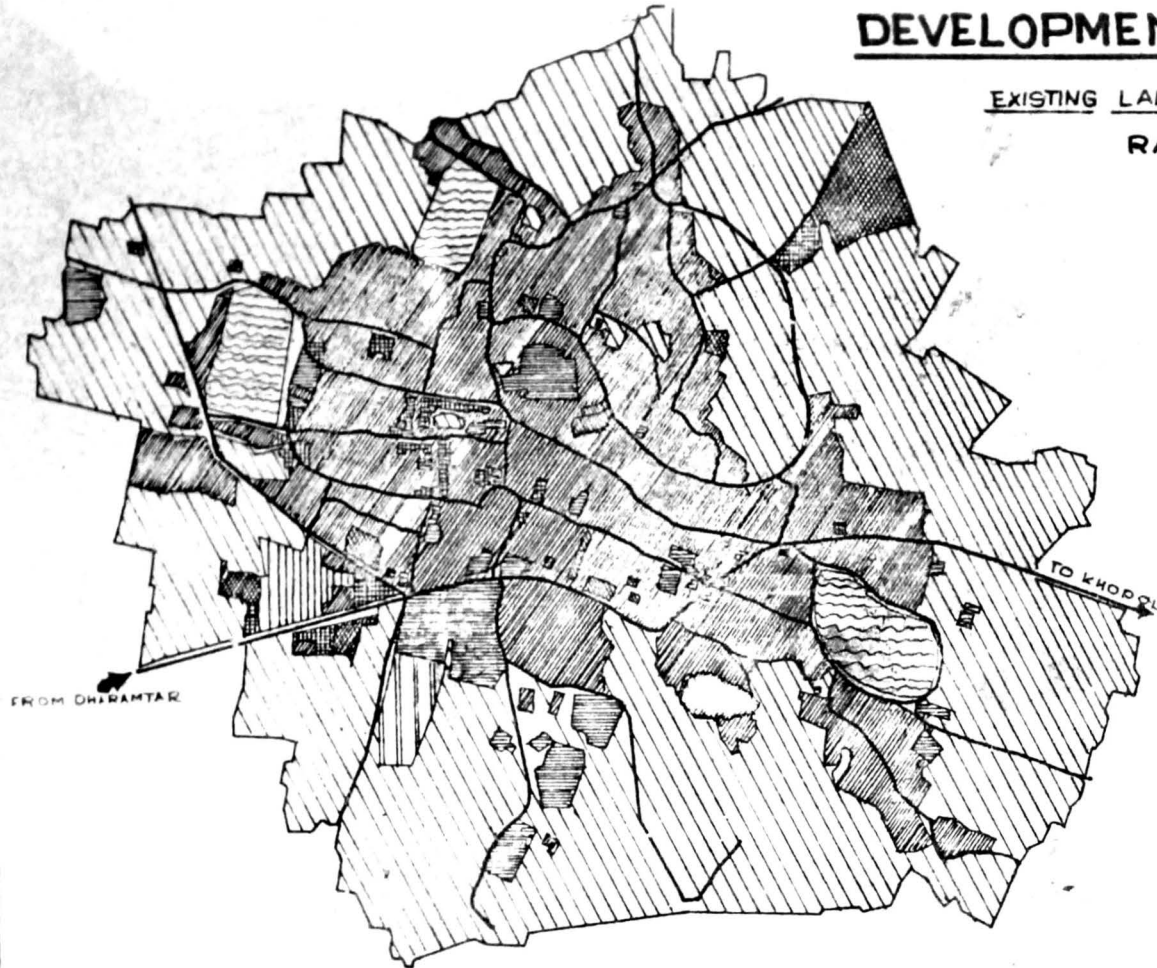
DEVELOPMENT PLAN OF PEN

EXISTING LAND USE PLAN (INNER)
RAIGAD.



NOTES.

- | | |
|---------------------------------|--|
| RESIDENTIAL _____ | |
| INDUSTRIAL _____ | |
| COMMERCIAL _____ | |
| WATER BODIES _____ | |
| AGRICULTURAL LAND _____ | |
| GARDEN _____ | |
| PUBLIC & SEMI PUBLIC _____ | |
| TRANSPORT & COMMUNICATION _____ | |



DEVELOPMENT PLAN OF PE


EXISTING LAND USE PLAN.


(OUTER)

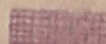


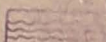
SCALE :- 1" = 2640'


NOTES.

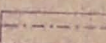
RESIDENTIAL _____ 

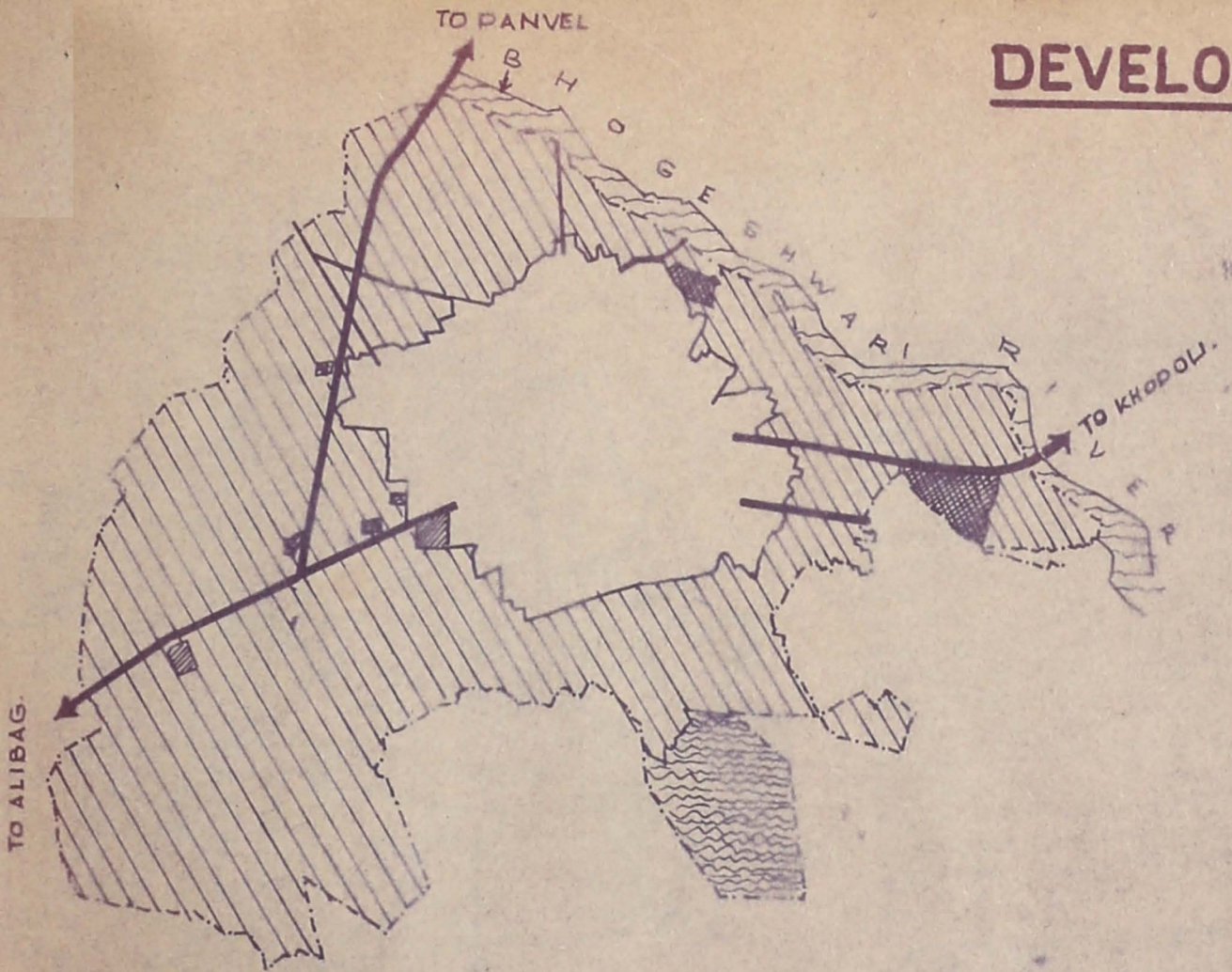
INDUSTRIAL _____ 

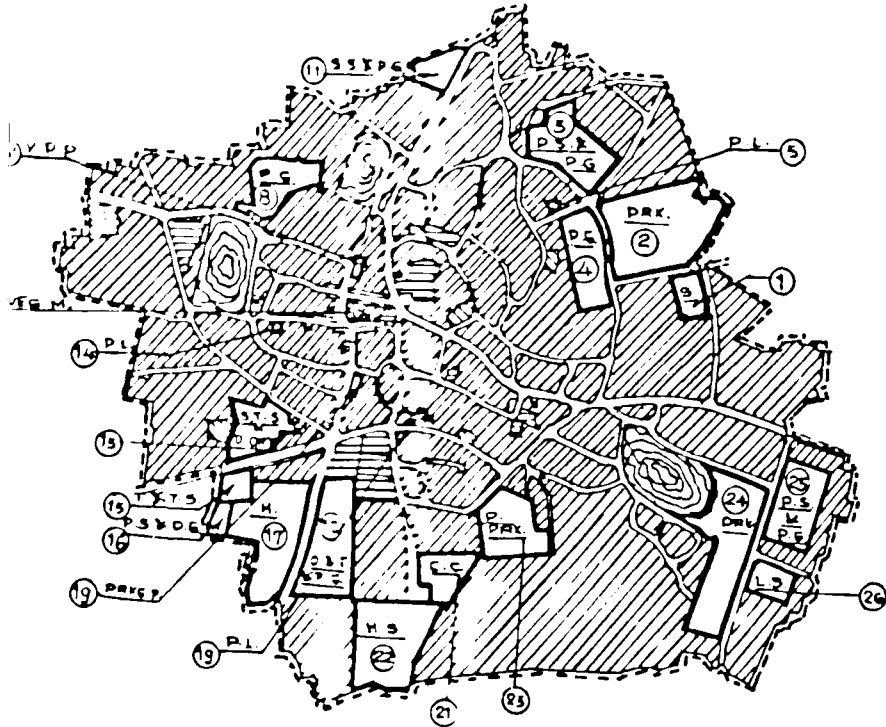
COMMERCIAL _____ 

WATER BODIES _____ 

AGRICULTURAL LAND _____ 

MUNICIPAL LIMIT. _____ 





DEVELOPMENT PLAN OF TENA-1

(REVISED) DRAFT / SANCTIONED)

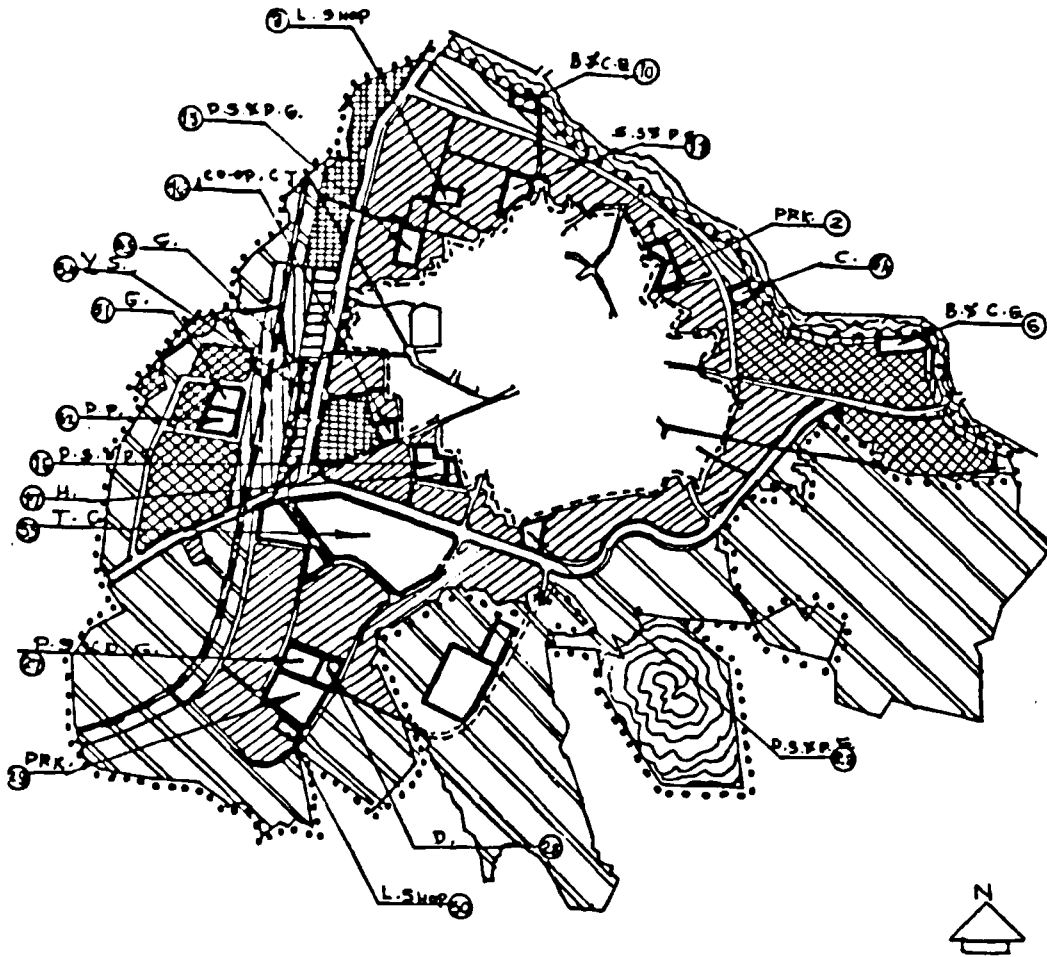
NOTE

- MUNICIPAL LIMIT
- CTS LIMIT
- RESIDENTIAL
- COMMERCIAL
- INDUSTRIAL
- PUBLIC & SEMI PUBLIC
- TRANSPORT
- OPEN SPACE
- AGRICULTURAL
- WATER BODIES
- NO DEVELOPMENT ZONE
- WADI LAND
- KHAJAN LAND
- BEACH LAND
- CREMATION & BURIAL
- HILLY AREA
-

XXIV



ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD



DEVELOPMENT PLAN OF PEN-2
(SANCTIONED)

NOTE

● MUNICIPAL LIMIT	-----	-----
● CTS LIMIT	-----	-----
● RESIDENTIAL	-----	-----
● COMMERCIAL	-----	-----
● INDUSTRIAL	-----	-----
● PUBLIC & SEMI PUBLIC	-----	-----
● TRANSPORT	-----	-----
● OPEN SPACE	-----	-----
● AGRICULTURAL	-----	-----
● WATER BODIES	-----	-----
● NO DEVELOPMENT ZONE	-----	-----
● WADI LAND	-----	-----
● KHAJAN LAND	-----	-----
● BEACH LAND	-----	-----
● CREMATION & BURIAL	-----	-----
● HILLY AREA	-----	-----
●	-----	-----

XXXV



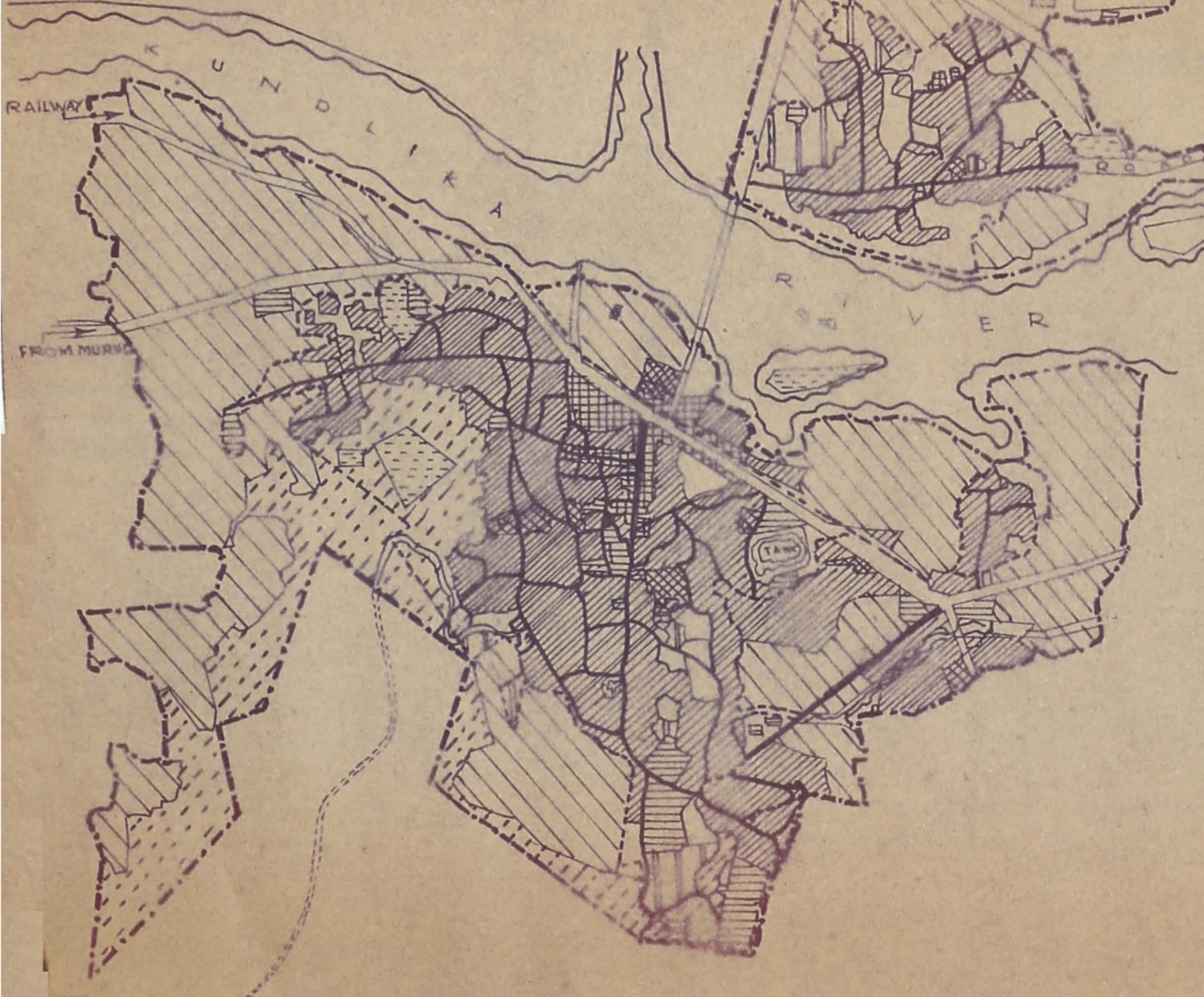
ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD

PREPARED BY



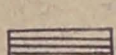
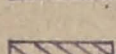
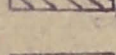
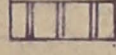
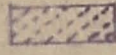
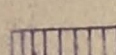
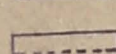
DEVELOPMENT PLAN OF PUNA RAIGAD.

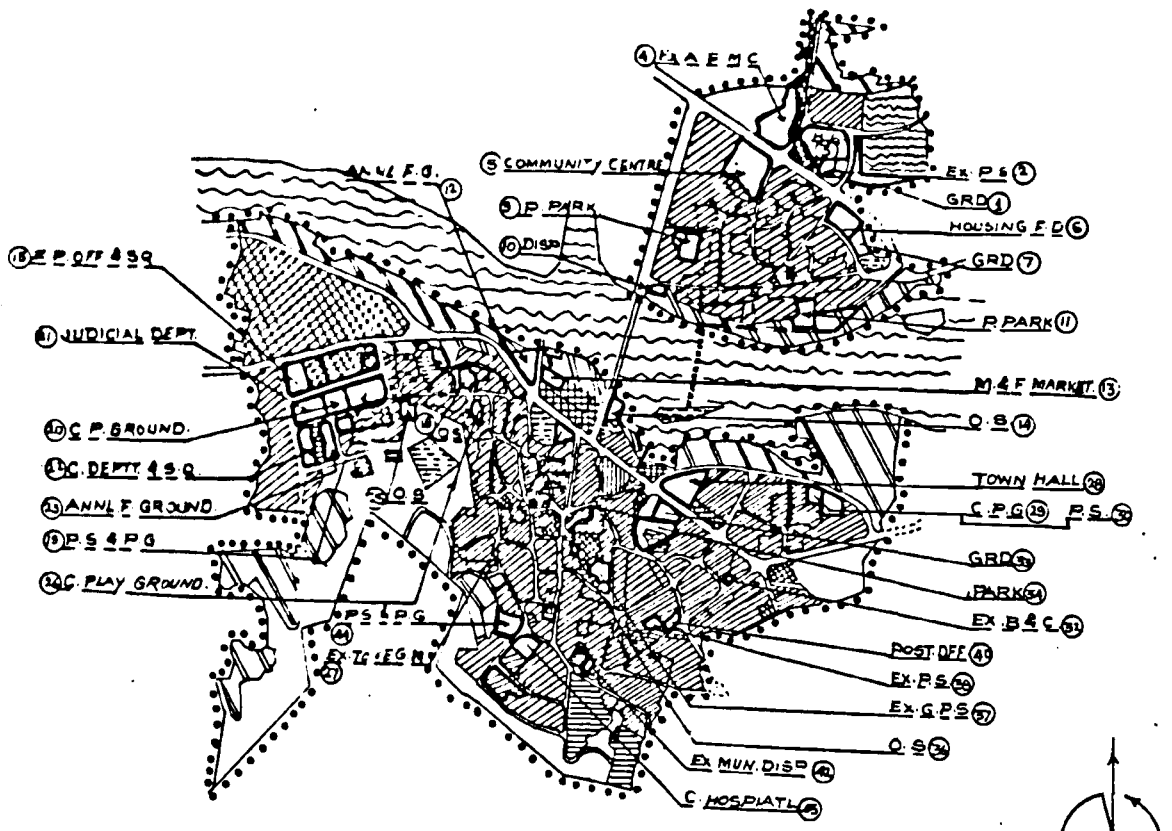


SCALE: - 1" = 1600



LEGEND:—

-  RESIDENTIAL
-  COMMERCIAL
-  INDUSTRIAL
-  PUBLIC & SEMI PUBLIC
-  AGRICULTURAL LAND
-  VACANT LAND
-  BAGAYAT LAND
-  HILLY AREA
-  BURIAL & CREMATION GROUNDS
-  TRANSPORT & COMMUNICATION
-  CITY SURVEY LIMIT
-  MUNICIPAL LIMIT



DEVELOPMENT PLAN OF ROHA (SANCTIONED)

NOTE

● MUNICIPAL LIMIT	
● CTS LIMIT	
● RESIDENTIAL	
● COMMERCIAL	
● INDUSTRIAL	
● PUBLIC & SEMI PUBLIC	
● TRANSPORT	
● OPEN SPACE	
● AGRICULTURAL	
● WATER BODIES	
● NO DEVELOPMENT ZONE	
● WADI LAND	
● KHAJAN LAND	
● BEACH LAND	
● CREMATION & BURIAL	
● HILLY AREA	

ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD

XXVII

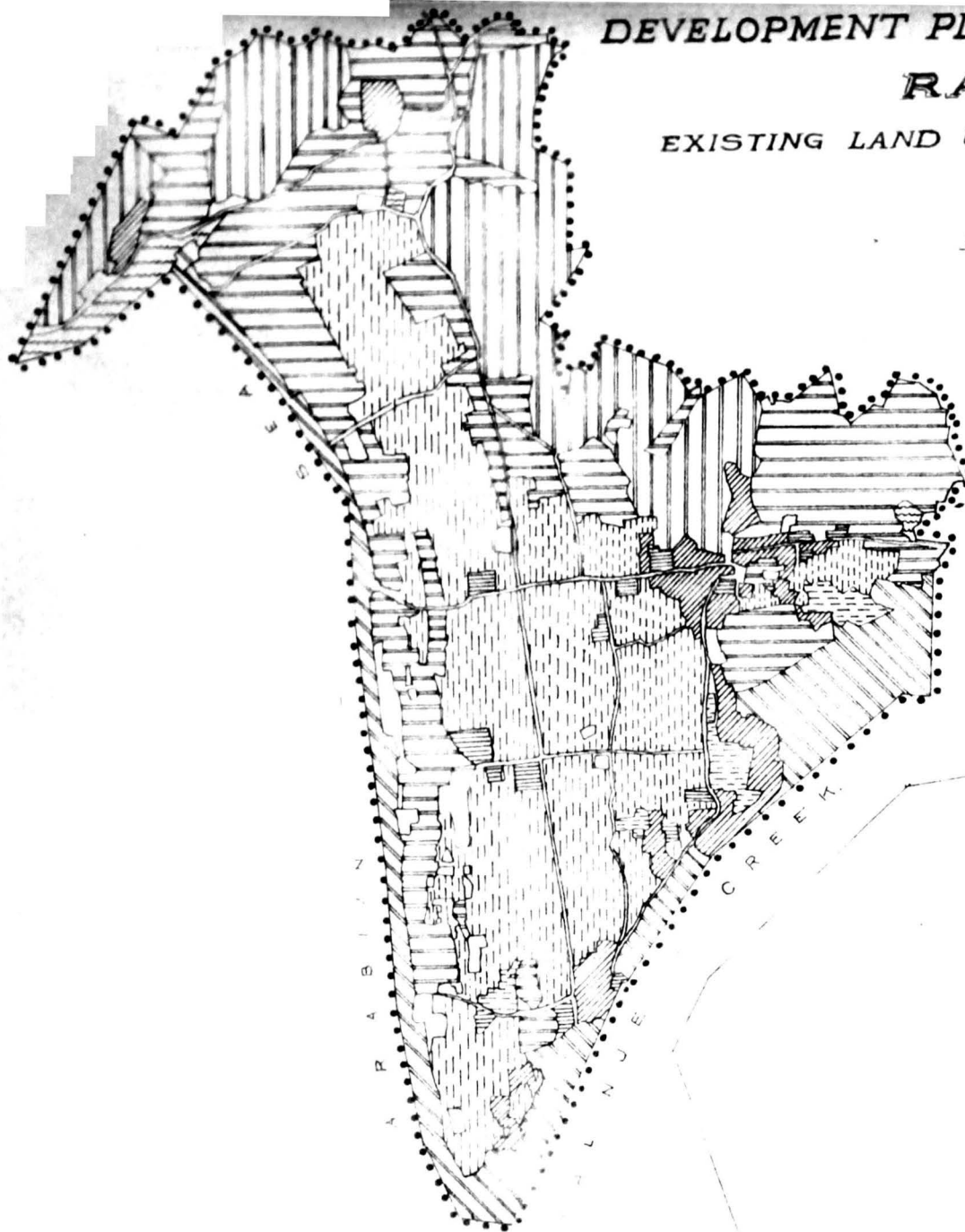


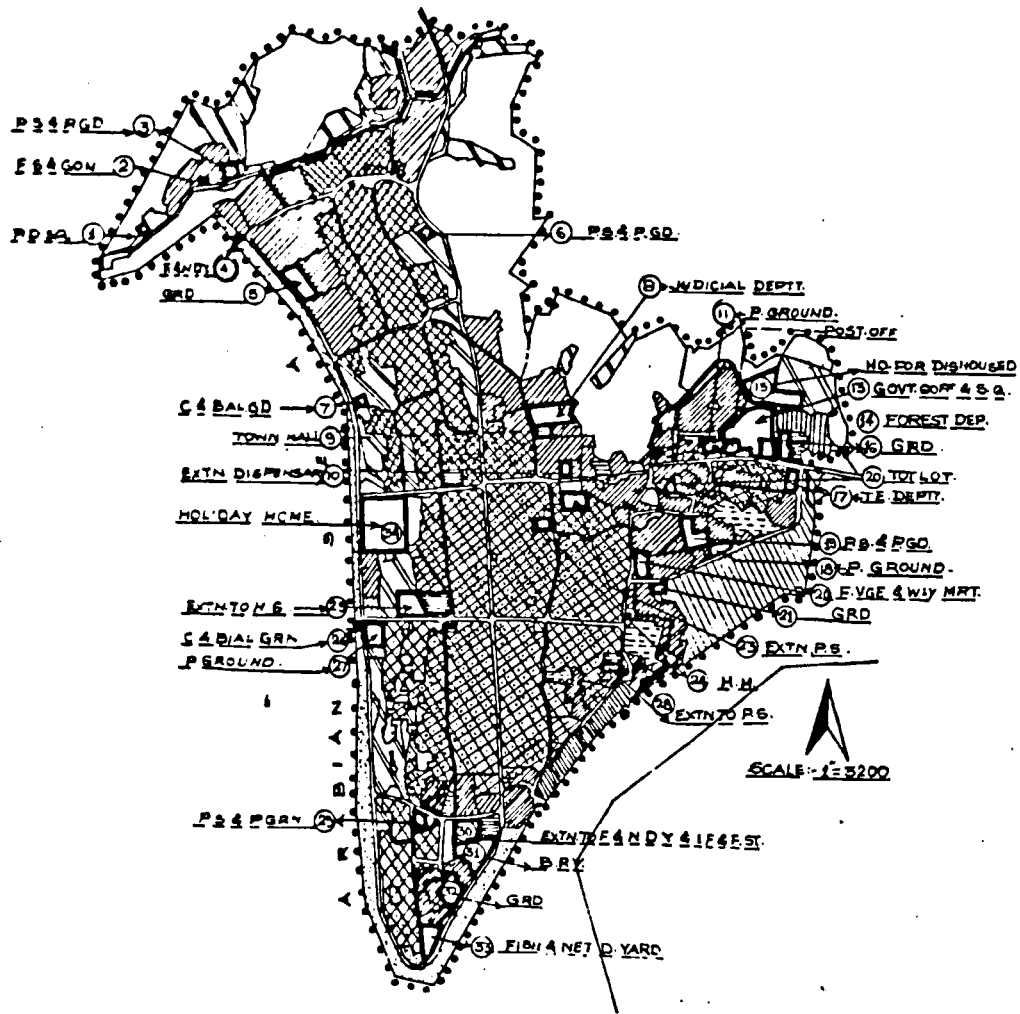
DEVELOPMENT PLAN OF SHRIWARDHAN RAIGAD.

EXISTING LAND USE PLAN.

NOTES -

- MUNICIPAL LIMITS.
- RESIDENTIAL ZONE SHOWN THUS.
- PUBLIC & SEMIPUBLIC ZONE SHOWN THUS.
- AGRICULTUREL ZONE SHOWN THUS.
- WADI LAND SHOWN THUS
- HILLY LAND SHOWN THUS.
- BEACH LAND SHOWN THUS
- WATER BODIES SHOWN THUS.





DEVELOPMENT PLAN OF SHRIWARDHAN (REVISED)

NOTE

● MUNICIPAL LIMIT	_____	①
● CTS LIMIT	_____	②
● RESIDENTIAL	_____	③
● COMMERCIAL	_____	④
● INDUSTRIAL	_____	⑤
● PUBLIC & SEMI PUBLIC	_____	⑥
● TRANSPORT	_____	⑦
● OPEN SPACE	_____	⑧
● AGRICULTURAL	_____	⑨
● WATER BODIES	_____	⑩
● NO DEVELOPMENT ZONE	_____	⑪
● WADI LAND	_____	⑫
● KHAJAN LAND	_____	⑬
● BEACH LAND	_____	⑭
● CREMATION & BURIAL	_____	⑮
● HILLY AREA	_____	⑯
●	_____	⑰

ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD

ALIBAG BRANCH

DEVELOPMENT PLAN OF URAN









RAIGAD

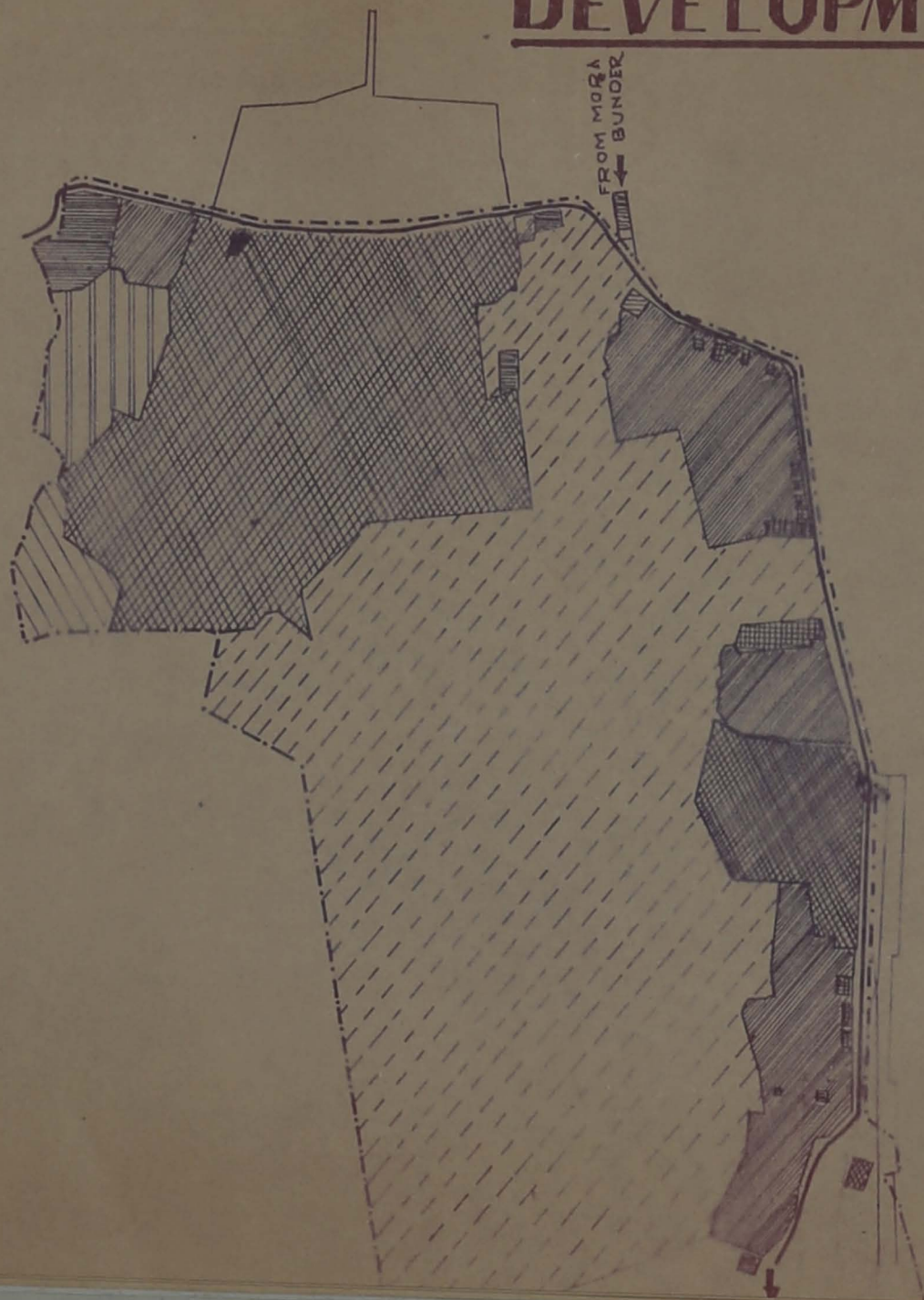
EXISTING LAND USE PLAN.



SCALE: 1 : 5000

NOTES

- RESIDENTIAL _____ 
- INDUSTRIAL _____ 
- COMMERCIAL _____ 
- PUBLIC & SEMI PUBLIC _____ 
- OPEN SPACES GARDENS ETC. _____ 
- AGRICULTURAL LAND _____ 
- HILLY AREA _____ 
- MUNICIPAL LIMIT _____ 



TOWN PLANNING AND VALUATION DEPARTMENT
ALIBAG BRANCH.

DEVELOPMENT PLAN OF URAN










EXISTING LAND USE PLAN.
RAIGAD.

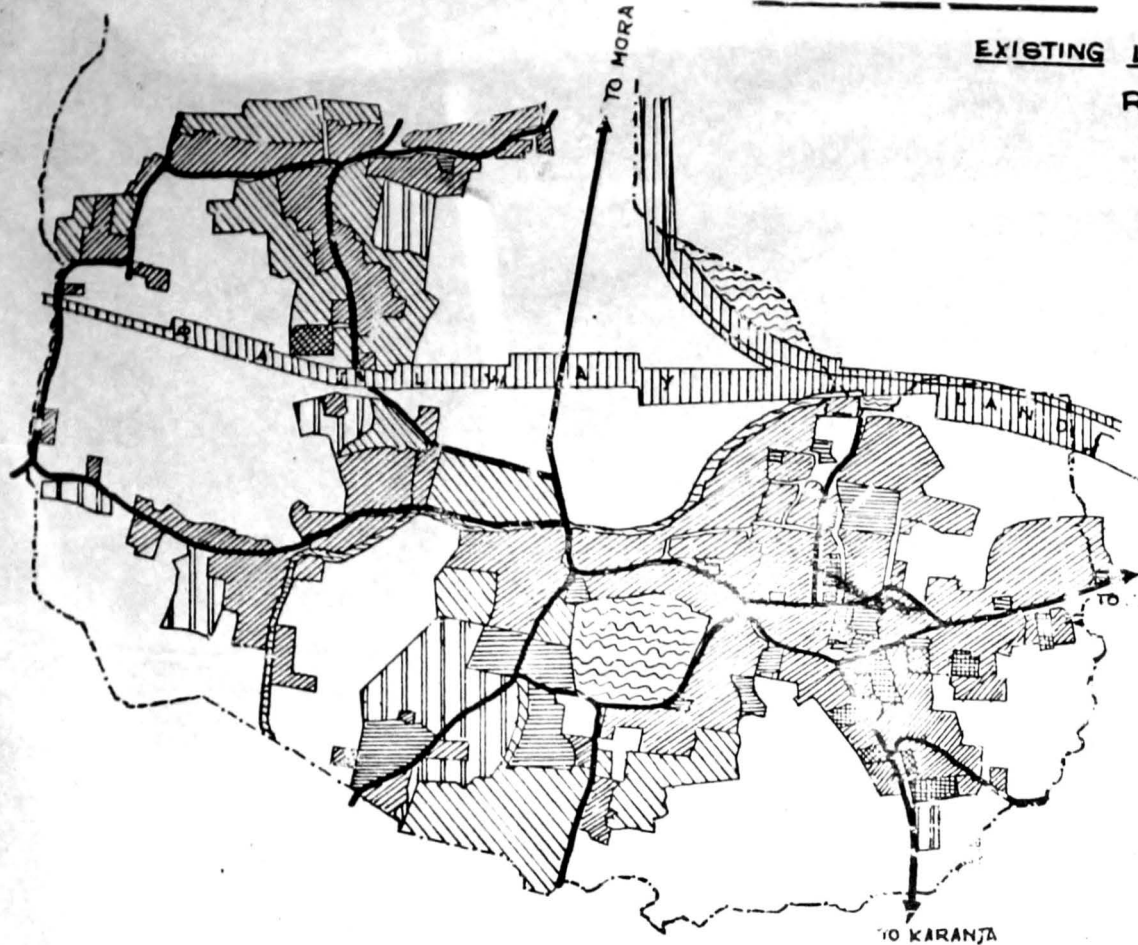
B



SCALE:

NOTES

- RESIDENTIAL 
- INDUSTRIAL 
- COMMERCIAL 
- PUBLIC & SEMI PUBLIC 
- OPEN SPACES, GARDENS 
- AGRICULTURAL LAND 
- WATER BODIES 
- RAILWAY LAND 
- MUNICIPAL LIMIT 

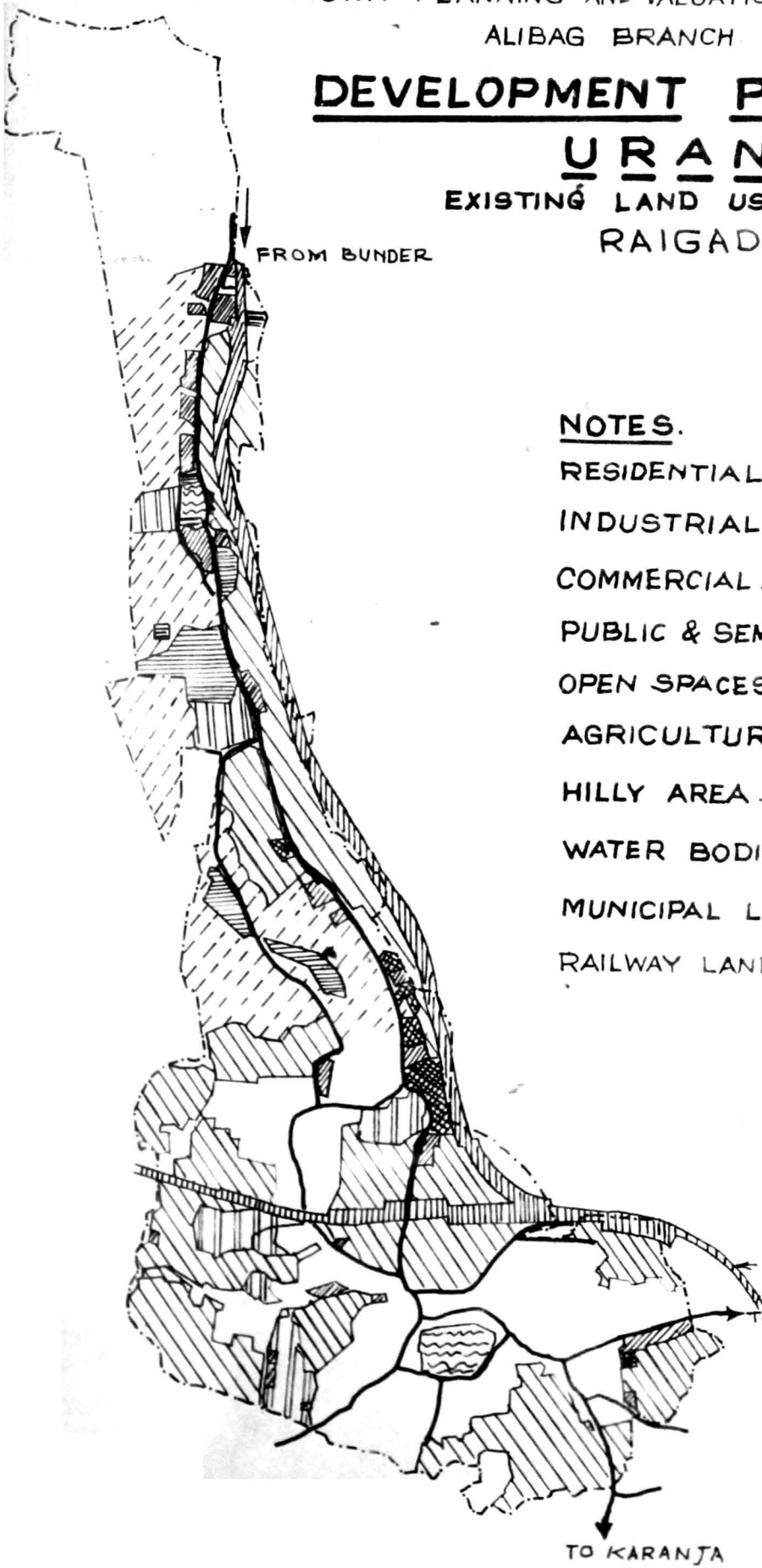


TOWN PLANNING AND VALUATION DEPARTMENT
ALIBAG BRANCH



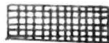



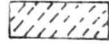
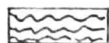
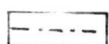

DEVELOPMENT PLAN OF

U R A N.

EXISTING LAND USE PLAN.
RAIGAD.

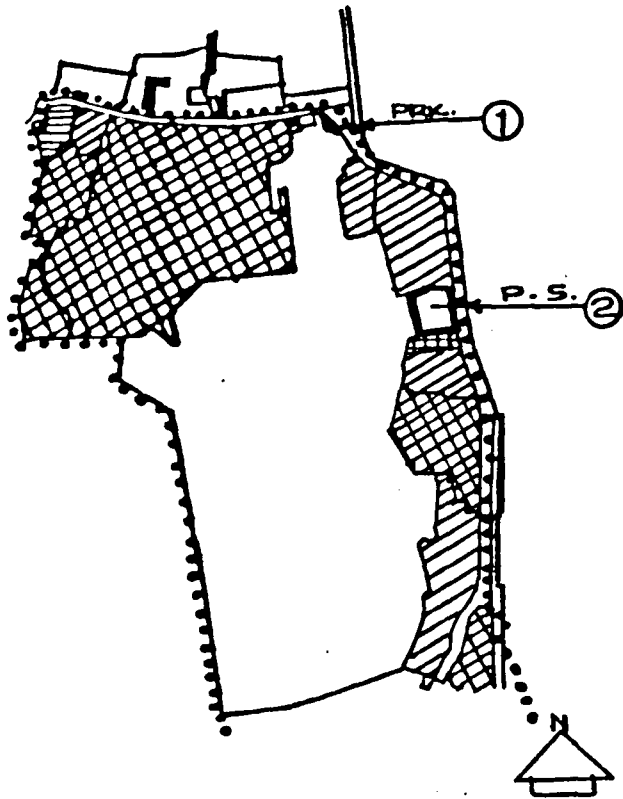


NOTES.

- RESIDENTIAL. _____ 
- INDUSTRIAL. _____ 
- COMMERCIAL. _____ 
- PUBLIC & SEMI PUBLIC. _____ 
- OPEN SPACES, GARDENS ETC. _____ 
- AGRICULTURAL LAND. _____ 
- HILLY AREA. _____ 
- WATER BODIES. _____ 
- MUNICIPAL LIMIT. _____ 
- RAILWAY LAND _____ 



SCALE:- 1:32,000



DEVELOPMENT PLAN OF URAN-A (SANCTIONED)

NOTE

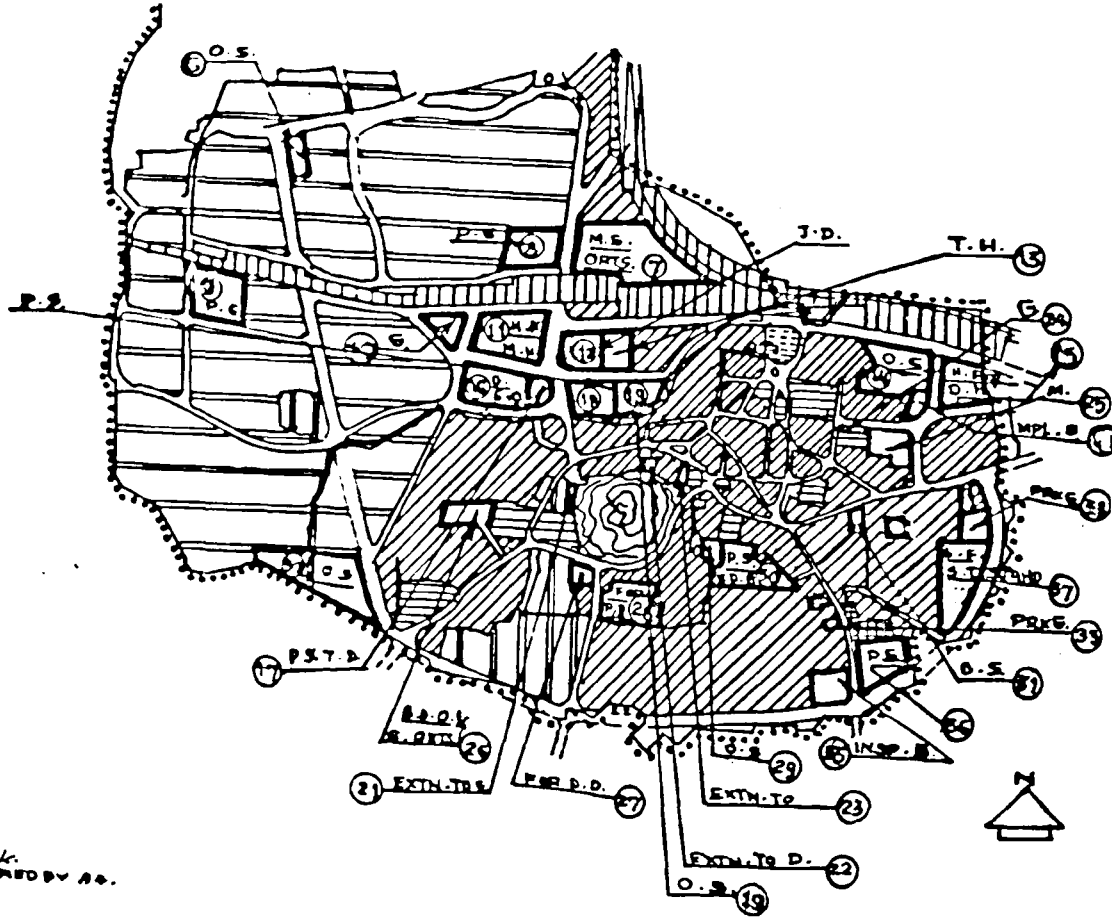
- MUNICIPAL LIMIT —————
- C.T.S. LIMIT —————
- RESIDENTIAL —————
- COMMERCIAL —————
- INDUSTRIAL —————
- PUBLIC & SEMI PUBLIC —————
- TRANSPORT —————
- OPEN SPACE —————
- AGRICULTURAL —————
- WATER BODIES —————
- NO DEVELOPMENT ZONE —————
- WADI LAND —————
- KHAJAN LAND —————
- BEACH LAND —————
- CREMATION & BURIAL —————
- HILLY AREA —————
- —————



**ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD**

XXXX
I

URAN - B.



PREPARED BY A.S.

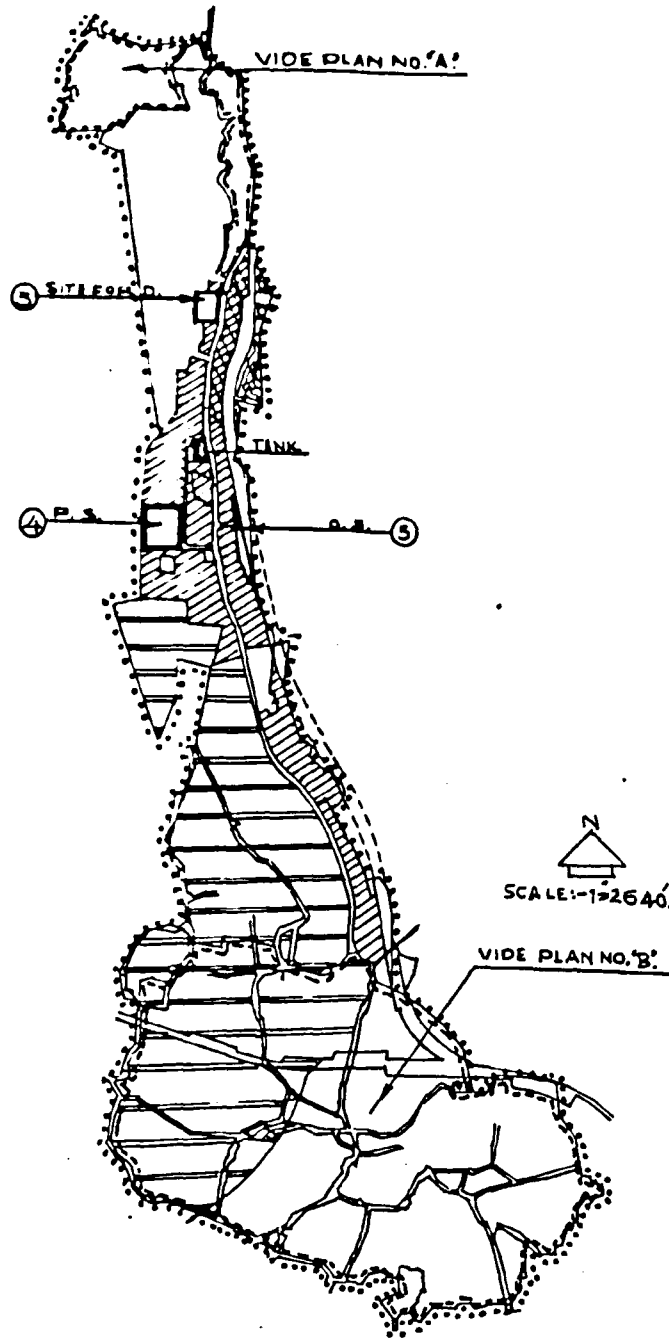
DEVELOPMENT PLAN OF URAN - B (SANCTIONED)

NOTE

● MUNICIPAL LIMIT	-----	▬▬▬
● CTS LIMIT	-----	▬▬▬
● RESIDENTIAL	-----	▨▨▨
● COMMERCIAL	-----	▩▩▩
● INDUSTRIAL	-----	▪▪▪
● PUBLIC & SEMI PUBLIC	-----	▫▫▫
● TRANSPORT	-----	▧▧▧
● OPEN SPACE	-----	▣▣▣
● AGRICULTURAL	-----	▤▤▤
● WATER BODIES	-----	▥▥▥
● NO DEVELOPMENT ZONE	-----	▦▦▦
● WADI LAND	-----	▸▸▸
● KHAJAN LAND	-----	▹▹▹
● BEACH LAND	-----	►►►
● CREMATION & BURIAL	-----	▻▻▻
● HILLY AREA	-----	▹▹▹
●	-----	▫▫▫

ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD





DEVELOPMENT PLAN OF URAN-C (SANCTIONED)

NOTE

- MUNICIPAL LIMIT ----
- CTS LIMIT ----
- RESIDENTIAL -----
- COMMERCIAL -----
- INDUSTRIAL -----
- PUBLIC & SEMI PUBLIC -----
- TRANSPORT -----
- OPEN SPACE -----
- AGRICULTURAL -----
- WATER BODIES -----
- NO DEVELOPMENT ZONE -----
- WADI LAND -----
- KHAJAN LAND -----
- BEACH LAND -----
- CREMATION & BURIAL -----
- HILLY AREA -----
- -----



ASSTT. DIRECTOR OF TOWN PLANNING, ALIBAG
RAIGAD

XXXXIII