

Project :-
 Udaipur Zoo: Master Layout Plan for Satellite " Biological Park" SajjanGarh

Drawing Name :-
 Site Plan

Scale:- 1:3000 on A2 Sheet

Rev.	Information	Date
01.	Revised	02-06-2009
02.	Revised	12-06-2009
03.	Revised	16-06-2009
04.	Revised	14-07-2009

Area Statement :-
 Area of Land = 357930 Sq.m.
 Perimeter = 3960 m.
 List of animals :-

Name	Area of Enclosure
Primates	
Aravali primates	2050 Sq.m.
Felis	
Lion	18344 Sq.m.
Tiger	18965 Sq.m.
Leopard	8120 Sq.m.
Jungle cat	1730 Sq.m.
Rusty Spotted Cat	1200 Sq.m.
Canids	
Wolf	1375 Sq.m.
Fox	1315 Sq.m.
Jackal	1350 Sq.m.
Hyenids	
Hyena	1270 Sq.m.
Ursinids	
Himalayan Black Bear	3720 Sq.m.
Sloth bear	6750 Sq.m.
Rodents	
Porcupine	1130 Sq.m.
Mustelids	
Ratel	1140 Sq.m.
Insectivore	
Indian Otter	800 Sq.m.
Hedgehog	700 Sq.m.
Reptiles	
Crocodile	3410 Sq.m.
Ghrial	2620 Sq.m.
Tortoise	850 Sq.m.
Reptile house	1450 Sq.m.
Nocturnal house	3398 Sq.m.
Butterfly house	170 Sq.m.
Aquarium	
Ungulates	
Aravali Ungulates	111432 Sq.m.
Thar Ungulates	10529 Sq.m.
Hippopotamus (Future Use)	3244 Sq.m.
Giraffe (Future Use)	6810 Sq.m.
Zebra (Future Use)	3100 Sq.m.
Rescue Centre	9152 Sq.m.
Future Use (Phase I)	3597 Sq.m.
Children Park	8490 Sq.m.

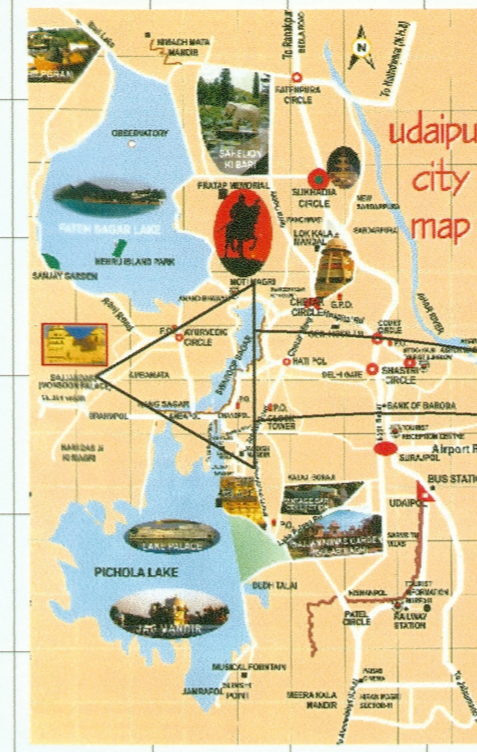
Legend:-

- Service road
- Visitors Path
- Enclosure
- Boundary wall
- Anicut
- Proposed Buildings
- Existing Buildings
- Flora and Fauna
- Water Body

PASSING AUTHORITY

ZOO SUPERINTENDENT

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SajjanGarh Biological Park

SITE DESCRIPTION:

- 1) THE SITE IS IRREGULAR SHAPED AND BIFURCATED.
- 2) IT IS REMARKABLY CONTOURED WITH GRADUAL INCREASE IN HEIGHT AS ONE MOVES FROM EAST SIDE TOWARDS WEST AND THEN SUDDEN INCREASE IN HEIGHT IN THE SOUTHWEST AND NORTHWEST DIRECTIONS.
- 3) THERE ARE ALREADY EXISTING 2 BUILT STRUCTURES.
- 4) FOREST COVER IS NORTHERN TROPICAL DRY DECIDUOUS FOREST.
- 5) WATER TABLE IN THE AREA IS 400 FEET FROM GROUND LEVEL.

DESIGN CONCEPT:

- 1) THE PARKING IS PROVIDED AT THE ENTRANCE & IS SPACIOUS ENOUGH TO ACCOMMODATE FLUCTUATING PARKING REQUIREMENTS.
- 2) THE WALK IN AVIARY-BIRD ENCLOSURE HAS BEEN RELOCATED TO GULAB BAGH ZOO AND LANDSCAPED CHILDREN PARK IS PROPOSED FOR THE SAME.
- 3) WHEREVER POSSIBLE ENCLOSURES ARE PLACED TO MERGE WITH THE ANIMAL'S NATURAL TERRAIN.
- 4) THE CENTRAL AREA EXHIBITS ANIMALS OF ARAVALI REGION TOGETHER.
- 5) THE ENTIRE PARK WOULD BE FENCED WITH 8 FEET HIGH PUCCA STONE WALL.
- 6) THE FLOW OF TRAFFIC INSIDE THE PARK IS UNIDIRECTIONAL.
- 7) NODES ARE PROVIDED WITHIN MOST ENCLOSURES FOR EFFICIENT VIEWING.
- 8) RESTING KIOSKS ARE PROVIDED AT SUITABLE INTERVALS.
- 9) SERVICE PATH RUNS ALONG THE ENTIRE PERIPHERY.
- 10) ISOLATION ZONES IN MOST ENCLOSURES.
- 11) ALL ENCLOSURES WILL BE SUITABLY SCREENED FROM EACH OTHER BY PROVIDING GREEN COVER.
- 12) ANIMAL DISPOSAL AREA AND FOOD PREP. AREA ARE SEGREGATED AND SUITABLY LOCATED.
- 13) WATER BODIES ARE PROVIDED WITHIN ENCLOSURES SUCH THAT THE VIEWER GETS TO SEE ANIMAL WHEN IT COMES TO DRINK WATER.
- 14) HOLDING AREAS AND SHELTERS ARE PROVIDED WITHIN ENCLOSURES FOR ANIMAL'S COMFORT.
- 15) VISITOR'S AMENITIES VIZ. CAFETERIA, AUDITORIUM, TOILETS, RESTING KIOSKS ARE PROVIDED AT SUITABLE PLACES.
- 16) PEDESTRIAN CROSSING WITH SERVICE PATH WILL HAVE OVER BRIDGES WHEREVER POSSIBLE.
- 17) ATTEMPT HAS BEEN MADE TO HIGHLIGHT THE FLORA AND FAUNA OF ARAVALI REGION.
- 18) AT THE ENTRY SIGNAGES DEPICTING THE ENCLOSURE LAYOUT AND GUIDELINES WILL BE DISPLAYED.

13
 Date: 13/07/09

Rajesh Gupta

8-10-09