



सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS
Central Zoo Authority

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वहाँ है खुशहाली।।

F. No. 19-256/93-CZA(193)(Vol. III)(M)/2050

DATE: 20.12.2011

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To

The Joint Secretary
to the Government of Nagaland,
Department of Forest, Ecology, Environment and Wildlife,
Kohima (Nagaland)

Sub:- Construction of enclosures at Nagaland Zoological Park, Rangapahar.

Ref:- Your office letter No. FOR/WORKS-1/2001(Pt) dated 14.10.2011.

Sir,

Reference is invited to the aforesaid proposal.

The designs for the construction of enclosures for Great Indian hornbill, Barking deer, Hoolock gibbon, Fox, Common leopard, Stump tailed macaque, Burmese tortoise, Jungle cat and 2.5 km metalled by pass road at Nagaland Zoological Park, Rangapahar were placed before the Meeting of the Expert Group on Zoo Designing of the Central Zoo Authority held on 12th December, 2011. The observations of the committee are given below:-

(i) Construction of Great Indian hornbill enclosure

The design was approved subject to the following amendments as indicated in plan:-

- One third portion of the roof should be covered to protect the birds during the monsoon.
- The areas for roosting and nesting of birds should be provided in such a way that the birds are protected from rain. An appropriate perches using natural material available locally should be provided along with the live plants and trees inside the enclosure as an environmental enrichment.

Keeping in view of the above, revised design should be submitted to the Central Zoo Authority for records. A copy of the design indicating the necessary amendments to made are enclosed herewith for your perusal.

(ii) Construction of Barking deer enclosure

The design was not approved, as the plan of the enclosure is not attached, however, the following observations were made:-

- The location for feeding and retiring cells should be shown.

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- b. Justification for sunken chain-link fence below the ground level is not provided. It is suspected that the enclosure is across the some water body, therefore, it is advised to shift the same to an appropriate place.

Keeping in view of the above, a plan showing all the details should be submitted for further consideration. A copy of the design indicating the necessary amendments to made are enclosed herewith for your perusal.

(iii) Construction of Hoolock gibbon enclosure

The design was approved subject to the following amendments as depicted in the plan:-

- a. The water level in the moat should not be higher than the half of the depth of the moat.
- b. No cement and concrete should be used in paddock area to construct mounds etc.
- c. The kraal should be increased in size.
- d. There should be no swing door in the feeding retiring cells opening towards keeper's gallery.
- e. All the feeding/ retiring cells (except the middle one) should have fixed iron bars instead of using chain-link mesh of an appropriate size and thickness. The feeding and retiring cells located in the middle should have a drop slide in front and sliding door on both the sides.

Keeping in view of the above, revised design should be submitted to the Central Zoo Authority for records. A copy of the design indicating the necessary amendments to made are enclosed herewith for your perusal.

(iv) Construction of Fox enclosure

The designs were approved subject to the following amendments as depicted in the plan:-

- (a) The keepers gallery should have entry on both the sides.
- (b) The paddock area should have provisions of five numbers of feeding and retiring cells of the sizes as recommended by the Central Zoo Authority.
- (c) All the feeding and retiring cells does not require opening from the front except the middle one, however, they can be inter connected by a partition of a sliding door.

Keeping in view of the above, revised design should be submitted to the Central Zoo Authority for records. A copy of the design indicating the necessary amendments to made are enclosed herewith for your perusal.

(v) Construction of Common leopard enclosure

The design was approved subject to the following amendments as depicted in the plan:-

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- (a) The width of the inclined sheet use as a barrier should not be less than 2.5 meter.
- (b) The D-4 should be located side wise and D-5 should be used as a lifting door.
- (c) The squeeze cage should be located inside attached with a cell and should be of small in size.
- (d) The kraal should be kept outside of the feeding and retiring cells and the kraal location should be interchanged with squeeze cage.

Keeping in view of the above, revised design should be submitted to the Central Zoo Authority for records. A copy of the design indicating the necessary amendments to made are enclosed herewith for your perusal.

(vi) Construction of Stump tailed macaque enclosure

The design was approved subject to the following amendments as depicted in the plan:-

- (a) No cement and concrete should be used in paddock area to construct mounds etc.
- (b) The kraal should be increased in size.
- (c) There should be no swing door in the feeding retiring cells towards keepers gallery.
- (d) All the feeding retiring cells (except the middle one) should have fixed iron bares instead of using chain-link mesh of an appropriate size and thickness. The feeding and retiring cells located in the middle should have a drop slide in front and sliding door on both the sides.

Keeping in view of the above, revised design should be submitted to the Central Zoo Authority for records. A copy of the design indicating the necessary amendments to made are enclosed herewith for your perusal.

(vii) Construction of Burmese tortoise enclosure

The design was approved, subject to the following amendments as depicted in the plan:-

- (a) The height of the chain-link fence should be kept only 1.5 meter.
- (b) The height of the toe wall should be 0.5 meter only.

Keeping in view of the above, revised design should be submitted to the Central Zoo Authority for records. A copy of the design indicating the necessary amendments to made are enclosed herewith for your perusal.

(viii) Construction of Jungle cat enclosure

The design was not approved, however the following observations were made:-

- (a) The minimum paddock area for housing the Jungle cat should be of 150-200 sq. meters.
- (b) The feeding and retiring cells should be of the size of 2x1.5 meters.

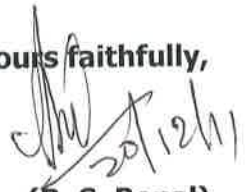
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A copy of the design indicating the necessary amendments to made are enclosed herewith for your perusal.


(ix) Construction of 2.5 KM Metalled by pass road

The proposal was not approved however the members observed that the proposed road providing entry to the zoo for residents is not permitted, alternate arrangement may be made by the zoo authorities. It was also pointed out by the members that the residential area may be shifted towards eastern side of the zoo near administrative block. The land lying next to the river side may be used for future development of the zoo.

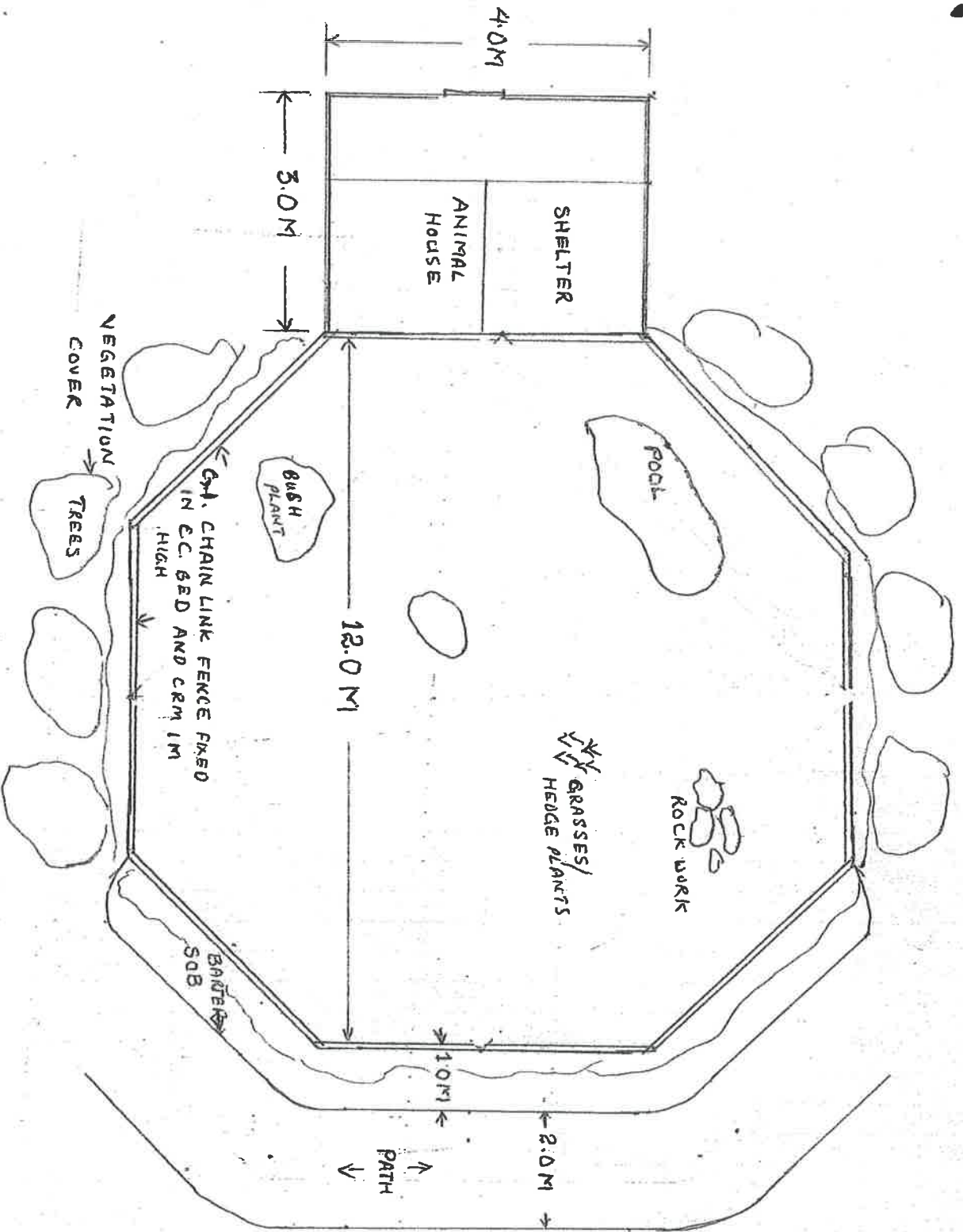
Note: While constructing the animal enclosure, precaution should be taken that the chain-link joints should not obstruct the visitors view.

Yours faithfully,

(B. S. Bonal)
Member Secretary

Copy to the Director, Nagaland Zoological Park, Rangapahar for favour of information & necessary action.


(B. S. Bonal)
Member Secretary

NAGALAND ZOOLOGICAL PARK, RANGAPAHAR



BURMESE TORTOISE ENCLOSURE PLAN

Chief Wildlife Warden,
Nagaland & Dimapur

Nagaland Zoological Park
Rangapahar, Nagaland

Director

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