

**MINUTES OF
58th MEETING OF EXPERT GROUP ON ZOO DESIGNING
OF CENTRAL ZOO AUTHORITY
HELD ON 19th FEBRUARY, 2015**

The 58th Meeting of Expert Group on Zoo Designing of Central Zoo Authority was held under the Chairmanship of Shri Vinod Ranjan, Additional Director General of Forests (Wildlife) cum Member Secretary, CZA in the office of Central Zoo Authority at Hotel Janpath, New Delhi on 19th February, 2015. The list of participants is annexed at **Annexure – I(A) & (B)**. Following agenda items were taken up for discussion:

Agenda-I: Power Point Presentations

1. Detailed Project Report (DPR) of Elephant Transit Camp, Etawah, Uttar Pradesh:

Shri K.K. Singh, C.F./ Director, Lion Safari, Etawah, Uttar Pradesh delivered a presentation on the proposal to establish an Elephant Transit Camp, Etawah, Uttar Pradesh, in which following facts were highlighted:

- i. The facility is meant to keep elephants for a short period (on the way from the place of confiscation / rescue to permanent rescue centre proposed at Lakhimpur Kheri.)
- ii. The estimated cost of Elephant transit camp is Rs. 46 crores of which Rs. 40 crores to be spent in first two years. Most of this expenditure is of non-recurring in nature for creation of permanent infrastructure for housing elephants and boundary wall etc. Basic minimum amenities / facilities for restraining and feeding elephants and upkeep should be provided.
- iii. Availability of food would always be a problem because Fischer's forest is primarily a thorny forest in a ravinous terrain which is unsuitable for elephants. The members of Expert Group on Zoo Designing of Central Zoo Authority, in view of facts desired that the State Government should revisit whole issue keeping due regard for the facts raised above and also the fact that transit camps should be created at places on way from the city of confiscation of elephants to Lakhimpur Kheri where elephants are kept permanently.
- iv. According to Recognition of Zoo (Rules), 2009 as amended in 2013, any centre for long term care of animals qualifies to be a rescue centre and establishment of such a centre would require permission of hon'ble Supreme Court of India.
- v. It was decided to examine the name of the facility, to process as rescue centre and to inform the Government of Uttar Pradesh about the same.
- vi. The State Government may submit detailed project report indicating the distribution of captive elephants in different districts of Uttar Pradesh, justification of establishing proposed facility at Etawah, particularly in view of natural food shortage and unsuitable terrain, and the plan proposal of permanent Rescue Centre at Lakhimpur Kheri.

2. Revised Master (layout) Plan & Master Plan of Zoo and Rescue Centre, Gorewada, Maharashtra:

Shri A.K. Nigam, M.D., and Shri R.S. Yadav, G.M. of Forest Development Corporation of Maharashtra Ltd., Nagpur, along with Shri Ashfaq Ahmed, Consultant have delivered a presentation on revised Master (layout) Plan & Master Plan of Zoo and Rescue Centre, Gorewada, Maharashtra. Following were observations of members on the same:

1. Principly the committee agreed to recommend the Master Plan and layout plan for its

3. Rohtak Zoo, Rohtak, Haryana:

A. Construction of enclosure for Jackal (revised design):

The design was scrutinized and approved subject to compliance of following conditions:

- i. Three strings of barbed wire are to be fixed at top of fence inclined at an angle of 120° .
- ii. Size of chain-link fence should be 5.0 x 5.0 cm. / 8 guage.
- iii. Size of kraal should be 40 Sq.mts.
- iv. Size of keepers' gallery should be 2 mts wide.
- v. The height of chain-link mesh / fence from the ground level should be 2.50 mts.

B. Construction of enclosure for Leopard (revised design):

The design was scrutinized and approved, subject to that Kraal area to be increased to 40 Sq. Mts.

C. Construction of enclosure for Tiger (revised design):

The design was scrutinized by the members and the same was approved.

4. Himalayan Zoological Park, Gangtok, Sikkim:

A. Construction of proposed Rescue Centre and Post Mortem block (revised design):

The designs of kraals, feeding cells, Post Mortem room and hospital were scrutinized and approved subject to following conditions:

- i. The size of doors, windows should be same as provided in zoo enclosures.
- ii. There is no need for covered kraal in front of feeding cell, the entire kraal should be kept open to Sun.
- iii. Suitable overhang in kraal with steel plates should be provided for primates, large carnivores and small carnivores to prevent escape of animals.

5. Dr. Shivram Karanth Pilikula Biological Park, Mangalore, Karnataka:

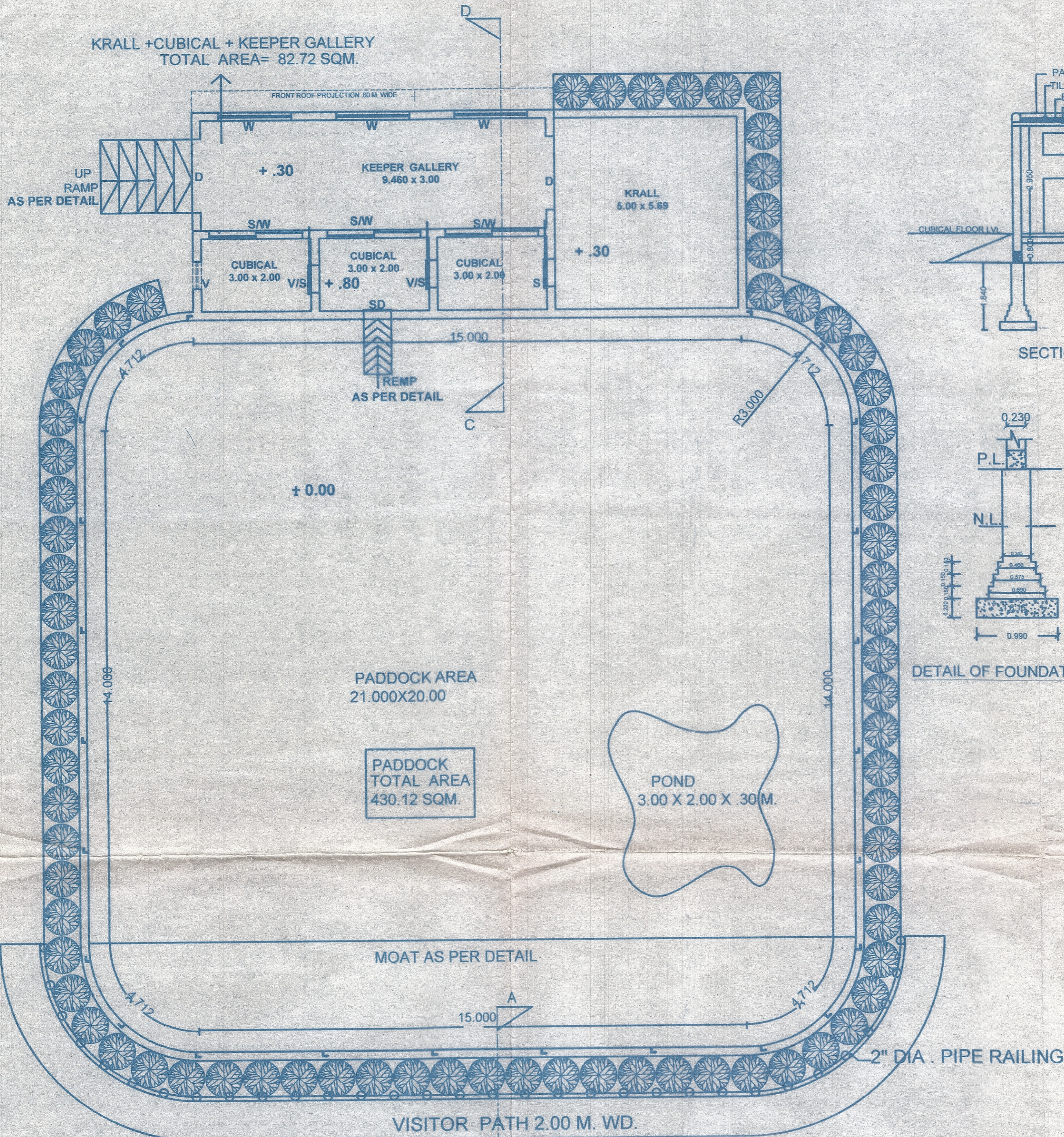
A. Construction of Leopard Rescue Centre (revised design):

The design was scrutinized and approved subject to following conditions:

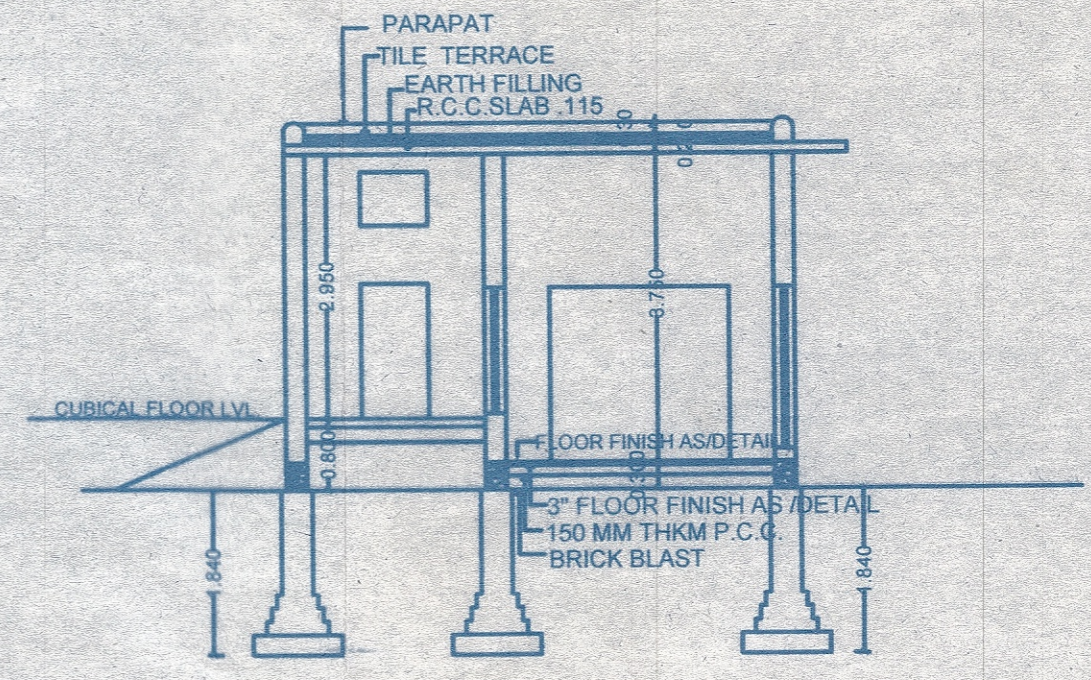
- i. The same design may be followed for construction of Leopard Rescue Centre but for the fact that top need not be covered, instead, 4 mts high chain-link fence with inclined steel plates of 1.5 mts height on an angle of 120° from inside, should be provided.
- ii. Avoid columns for supporting the roof, instead an ordinary steel pipe (GI pipe / MS posts/Angular MS) may be used.
- iii. The size of keepers' gallery should not be more than 2 mts. wide.

6. Assam State Zoo, Guwahati, Assam:

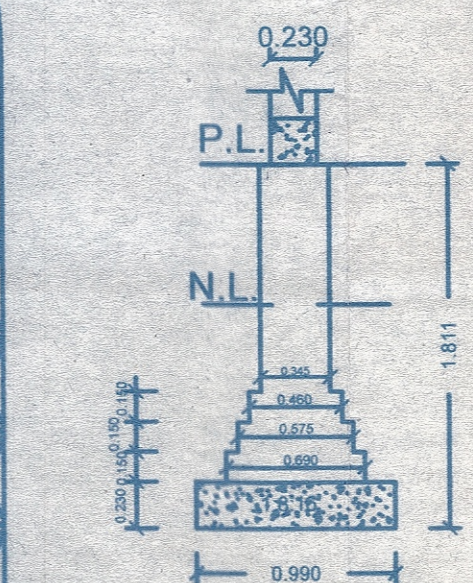
- A. Construction of enclosure for Sambar:
- B. Construction of enclosure for Serow:
- C. Construction of enclosure for Black buck:



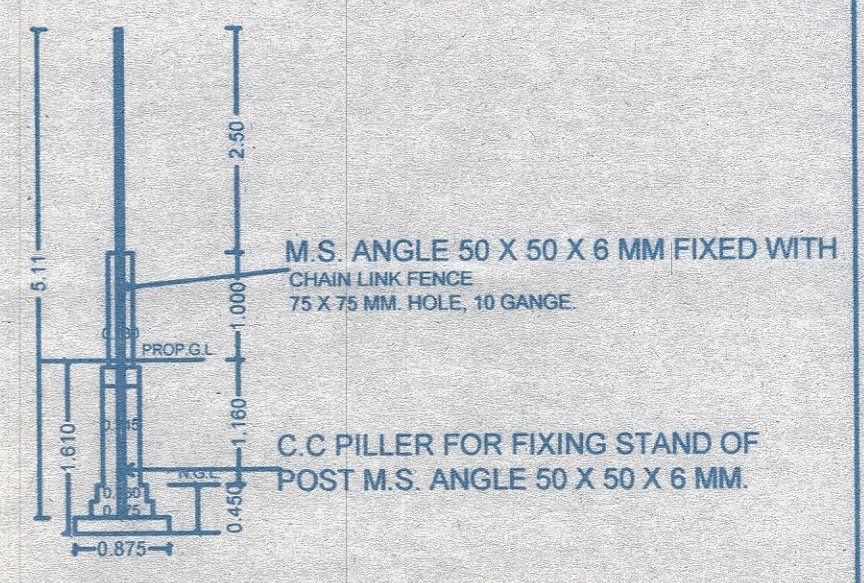
PLAN



SECTION AT C-D



DETAIL OF FOUNDATION



SECTION AT A-B

PROJECT PROPOSED PLAN OF CONSTRUCTION JACKAL ENCLOSURE AT ROHTAK ZOO, (HARYANA)

Door/ Window Schedule

Item	Width	Height
W	2.00m.	1.80m.
SW	2.55m.	2.00m.
S	0.75m.	1.50m.
V	0.75m.	0.60m.
D	2.00m.	2.10m.

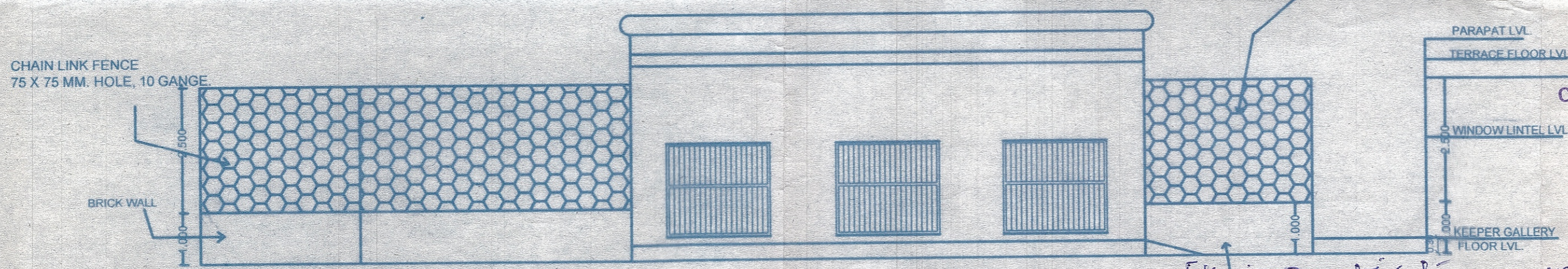


SHEET. TITLE - PROPOSED DRAWING
 SHEET. NO. - 1, 17-06-14
 DRG. NO. - JACKAL ENCLOSURE

SIG. OF ARCHITECT

Malik Architect Associates
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REAR ELEVATION

begin
 19.2.15

- Following brick wall specifications are needed:
1. Three strings of barbed wire to be fixed at top of fence inclined at 120 degree
 2. Size of chain link fence
 3. Size of Krall should be 40 sq. mt.
 4. Size of keeper gallery should be 2 mt wide

Conservator of Forests (Wildlife) Haryana, Panchkula

Divisional Wild Life Officer

Inspector Wild Life Development Work
 ZOO, Rohtak