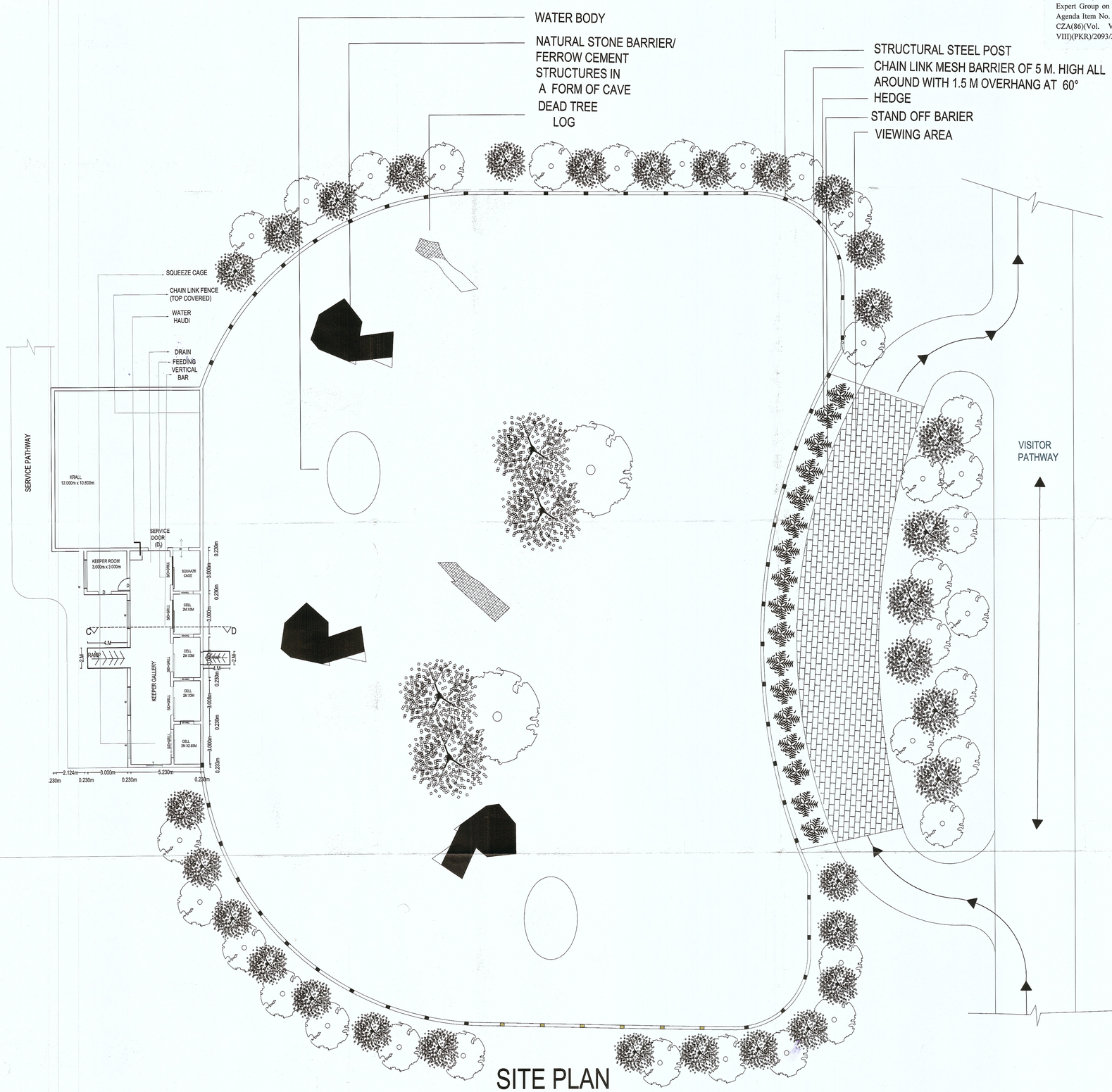
REVISED LAYOUT PLAN OF CONSTRUCTION FOR LION ENCLOSURES AT ROHTAK ZOO,ROHTAK (HARYANA)

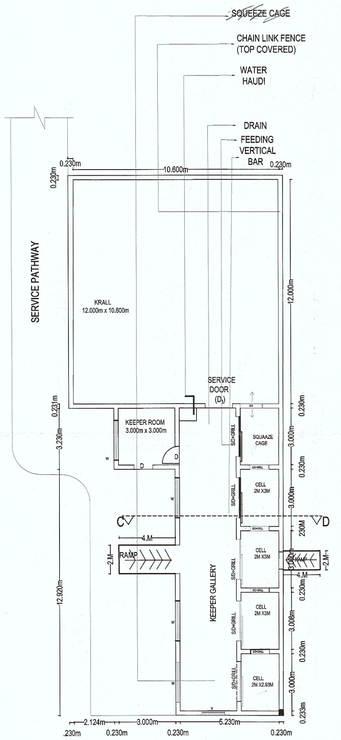
The drawing of the Lion enclosure to be constructed at the Rohtak Zoo, Rohtak, Haryana was approved by the Expert Group on Zoo Designing of the Central Zoo Authority in its 75th Meeting held on 09.11.2017 vide Agenda Item No. 1(6)(a) subject to conditions laid by the Central Zoo Authority vide letter F. No. 19-93/92-CZA(86)(Vol. VII)(PKR)/932/2017 dated 15.05.2017 and letter F. No. 19-93/92-CZA(86)(Vol. VIII)(PKR)/2093/2017 dated 29.11.2017.

CENTRAL ZOO AUTHORITY OF INDIA

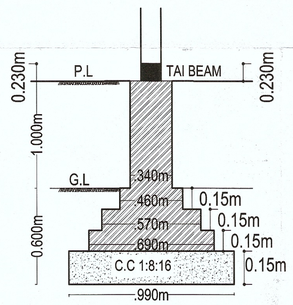
Member Secretary
Central Zoo Authority
(Ministry of Environment & Forests)
Govt. of India, New Delhi
23/10/2019



SITE PLAN
(1:150)

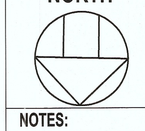


PLAN OF CELL & KRAAL



FOUNDATION DETAIL
(1: 20)

NORTH



DOOR & WINDOW SCHEDULE:

W: 2.1mX 1.8m
S/D(A):2.1m X 2.1m
S/D+GRILL:2.1m X 3.0m
D: 1.5m X 2.1m
V: 0.900m X 0.600m
S/D: 0.900m X 0.750m

NOTES:

1. PADDOCK AREA OF LION ENCLOSURE 2000 SQ.M.KRAAL AREA 126 SQ.M
2. THE FEEDING CELL 3000MM X 2000MM X 3000MM.
3. SIZE OF SLIDING DOOR IN CELL 900MM HIGH AND 750MM WIDE.
4. SIZE OF UPSLIDING DOOR IN CELL 900MM HIGH AND 750MM WIDE.
5. KEEPER GALLERY WIDTH OF 3000MM.
6. ENTRY GATE TO THE KEEPER GALLERY 1800MM WIDE AND 2000MM WIDE.
7. CHAINLINK MESH SIZE 50MM X 50MM X 8 GAUGE AND GALVANISED HEIGHT AT 5000MM INCLINED STEAL POST INCLUDING 1000MM BRICK WORK.
8. CHAINLINK MESH WHERE EVER REQUIRED TO BE PLACED ON THE INNER SIDE OF THE STRUCTURAL POST. THE MESH IS TO BE EMBEDDED WITH THE MASONARY BASE WHICH TO BE SLOPED BATHWAY TO PREVENT ACCUMULATION OF WATER AND URINE.
9. PLINTH OF THE CELL AT HEIGHT OF 1000MM.
10. SIZE OF FEEDING WINDOW IS 150M X 150MM.
11. A DRAIN BUILT PARALLEL TO THE CELLS.
12. VERTICAL BAR OF DIA(25MM X 25MM) & CENTRE TO CENTRE DISTANCE 0.075M PROVIDED IN THE CELL.
13. A WATER HAUDI BUILT.
14. WOODEN LOGS,NATURAL STONE BOULDERS,TREE & SHRUBS MAY BE PLACED INSIDE THE ENCLOSURE.
15. THE MAXIMUM DEPTH OF THE ENCLOSURE MAINTAINED BETWEEN 20M - 25M TO GET A CLOSURE VIEW OF THE ANIMAL.
16. PADDOCK AREA FENCE EXCEPT CELL WALL TOTAL LENTH : J+A+B+C+D+E+F+G+H+E+F+G+H+I=173.769 m

NOTE : -

M.S. Steel will be used for slab and beams as below : -

1. 12 mm Ø m.s. steel will be used for Roof / Slab in main steel & 10 mm Ø steel will be used in distribution bars / steel, @ 6" C / C Both way.
2. 16 mm Ø to 25 mm Ø steel will be used in beam of Roof and Pillars with 8 mm Ø Rings / strips as per requirement of proposed building.

AREA DETAIL:

AREA OF THE PADDOCK : 2000 sq. m

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1.PRINCIPAL CHIEF CONSERVATOR FOREST,CUM CHIEF WILD LIFE WARDON, (HARYANA)PANCHKULA.	
2.CONSEVATOR FOREST (WILD LIFE),PANCHKULA.	Conservator of Forests (Wildlife) Haryana, Panchkula
3.DIVISIONAL WILD LIFE OFFICER, ROHTAK.	Divisional Wild Life Officer ROHTAK
4.INSPECTOR WILD LIFE DEVELOPMENT WORK, ROHTAK ZOO.	Inspector Wild Life Development Work ZOO, Rohtak
OWNER/ APPLICANT	PCCF (Wildlife) Chief Wildlife Warden Haryana, Panchkula

(T.C. SHARMA)
Regd. Architect (No.14/501/69)
SHARMA ARCHITECTS
ARCHITECTS, ENGINEERS, VALUERS
Chhotu Ram Chowk ROHTAK

NOTES :-

1. BUILDING SCALE 1:150
2. ALL DIM ARE IN METER.
3. PL: PLINTH LEVEL
4. GL:GROUND LEVEL

SHARMA ARCHITECT'S
ARCHITECT'S , PLANNERS , INT. DESIGNER'S SPACE STRUCTURE , ESTIMATOR & VALURE
D - 7 , 7520 VASANT KUNJ NEW DELHI.
PH. :- 011-46036322, 09811292754
OFFICE :- CHHOTU RAM CHOWK ROHTAK.
PH. :-09896571970 ,09811292754,01262-246814