

**MINUTES OF
60th MEETING OF EXPERT GROUP ON ZOO DESIGNING
OF CENTRAL ZOO AUTHORITY
HELD ON 1st MAY, 2015**

The 60th 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 1st May, 2015. The list of participants is annexed at **Annexure – I(A) & (B)**.

At the start of the meeting, the Additional Director General of Forests (Wildlife), MoEF & CC and the Member Secretary, Central Zoo Authority has stated that the contribution of Expert Group on Zoo Designing of Central Zoo Authority is commendable and said that comfort of animals as well as the security of the visitors /staff and animal keepers may be kept in high consideration.

Following agenda items were taken up for discussion:

Agenda item No.1:- Designs of Animal exhibits

1. Zoo and Rescue Centre, Mukundpur, Satna, Madhya Pradesh:

- a. Amended design of proposed exhibit for Barking deer:
- b. Amended design of proposed exhibit for Gaur:
- c. Amended design of proposed exhibit for Hog deer:
- d. Amended design of proposed exhibit for Wild boar:
- e. Amended design of proposed exhibit for Thamin deer:

The designs of above exhibits were examined and found in order and hence approved.

2. Nahargarh Biological Park (Relocated site of Jaipur Zoo), Jaipur, Rajasthan:

- a. Amended design of proposed exhibit for Gharial:
- b. Amended design of proposed exhibit for Hog deer:
- c. Amended design of proposed exhibit for Thamin deer:
- d. Amended design of proposed exhibit for Jackal:
- e. Amended design of proposed exhibit for Hyena:
- f. Amended design of proposed exhibit for Wolf:

Since the designs submitted are not self explanatory and therefore the Director, Nahargarh Biological Park will be requested to make a presentation before the members of Expert Group on Zoo Designing. This becomes more necessary because

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10. Mini Zoo cum Deer Park & Tiger Safari, Bathinda, Punjab:

a. Design of proposed exhibit for Leopard:

Members scrutinized the designs and made following observations:

- i. Cross-section of chain link fence of paddock area not given.
- ii. The height of the chain link fence to be given.
- iii. Whole paddock area should either be covered with chain link fence or steel plate having width of 1.5 m fixed at 120° inclined to be fixed over 4.0 m high chain link fence.

11. Biological Park, Itanagar, Arunachal Pradesh:

a. Design of proposed exhibit for Jackal:

b. Design of proposed exhibit for Wolf:

Members scrutinized the designs of proposed exhibits for Jackal and Wolf and approved subject to following conditions:

- i. Exhibit should have dry moat and rain water if collected should be drained out.
- ii. Size of sliding door should be 60 cm x 90 cm.
Size of entry door should be 1.2 m x 1.8 m.

c. Design of proposed 'Improvement of Tiger land':

Members scrutinized the designs which were not approved and may be modified as follows:

- i. Parking area should not be close to viewing site.
- ii. Partition wall should consist of chain link mesh plastered on both sides with C.C. and cement up to 3.5 m height and rest chain link fencing of 1.5 m. Height fixed at the top.
- iii. Keeper's gallery should cover all cubicles length wise.

d. Design of proposed construction of veterinary hospital:

The design of veterinary hospital submitted by the zoo was approved.

e. Design of proposed construction of interpretation centre:

Designs of proposed for construction of interpretation centre was approved.

PROFORMA
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NOTE
 1 All the dimensions are to be checked on the site and confirmed.
 2 All dimensions are in meters or centimeters.
 3 Dimensions are to be read, not measured.
 4 All specifications for items of finishing are likely to be revised as per detailed drawing prior to construction.
 5 Foundation as per standard required for the region.

PROJECT DETAIL

Paddock area	500.00 m ²
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LEGENDS

Sl.	Type	Descriptions	Size
1	D	Door	100 x 21
2	SD	Sliding Door	75 x 15
3	W	Window	100X60
4	V	Ventillator	60X50

CLIENT
 BIOLOGICAL PARK, ITANAGAR

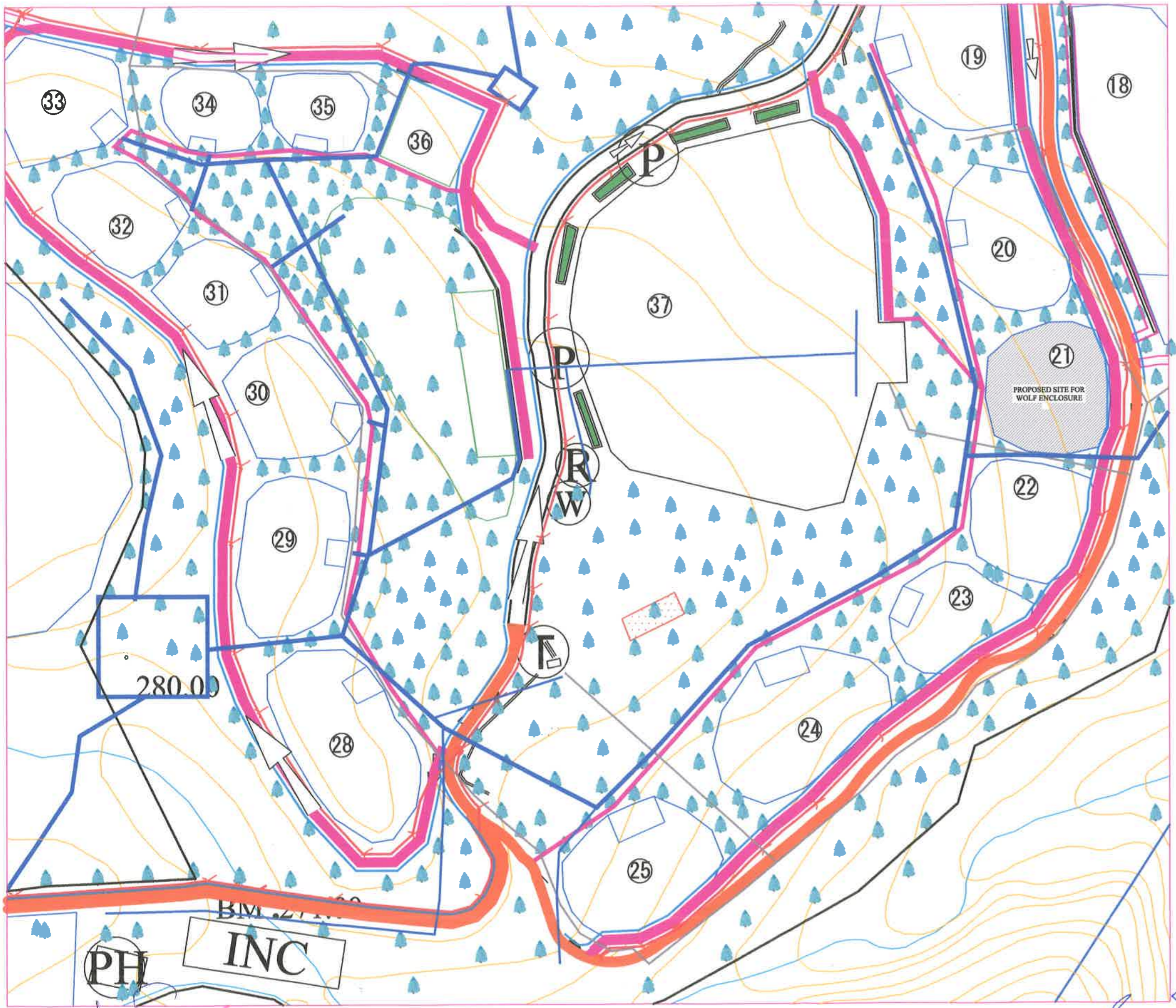
PROJECT
 PROPOSED ENCLOSURE FOR WOLF AT BIOLOGICAL PARK, ITANAGAR

TITLE
 KEY PLAN

CONSULTANT

A & M ASSOCIATES
 ARCHITECTURAL & INTERIOR DESIGNERS
 BLUE FINE COMPLEX, OPP. HDFC BANK
 NH-52A, ITANAGAR
 ARUNACHAL PRADESH-791111
 CONTACT: 09774006539, 08794708239,
 09402447022
 Email id : am0612associates@gmail.com

DATE : 19.08.14
 SCALE: NTS
 SHEET NO : 01
 FILE NO
 AD/WL/SW/02



MAP INDEX

- Existing
- Modified
- Existing Roads
- Proposed footpath
- RRM Wall
- Entrance plaza
- Interpretation Ctr
- Children park/Lawn
- Resting Shed
- Toilet
- Water Supply Line
- Storm Water Drain
- Sewerage line
- proposed
- Dismantle
- proposed Roads
- Water Body
- Staff Quarter
- Drinking Water
- Postmortem Hse
- Vety Hospital
- Feed Store
- Quarantine
- Parking
- Incinerator
- Trees/Plantation
- Bridges/Culverts(E)
- Bridges/Culverts(P)
- Main Gate
- Main Gate
- Fencing
- Property
- Separation/Boundary
- Fencing
- Moat
- Slaughterment Plant
- Electric Line

KEY PLAN
 Curator
 Biological Park
 Itanagar (A.P.)

PH
 CURATOR
 Biological park
 Itanagar (A.P.)

INC

Stage
 AR. ANJU HAGE
 REGD. NO. CA/2011/150

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PROJECT DETAIL
 Paddock area 500.00 m²

LEGENDS

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CLIENT
 BIOLOGICAL PARK, ITANAGAR

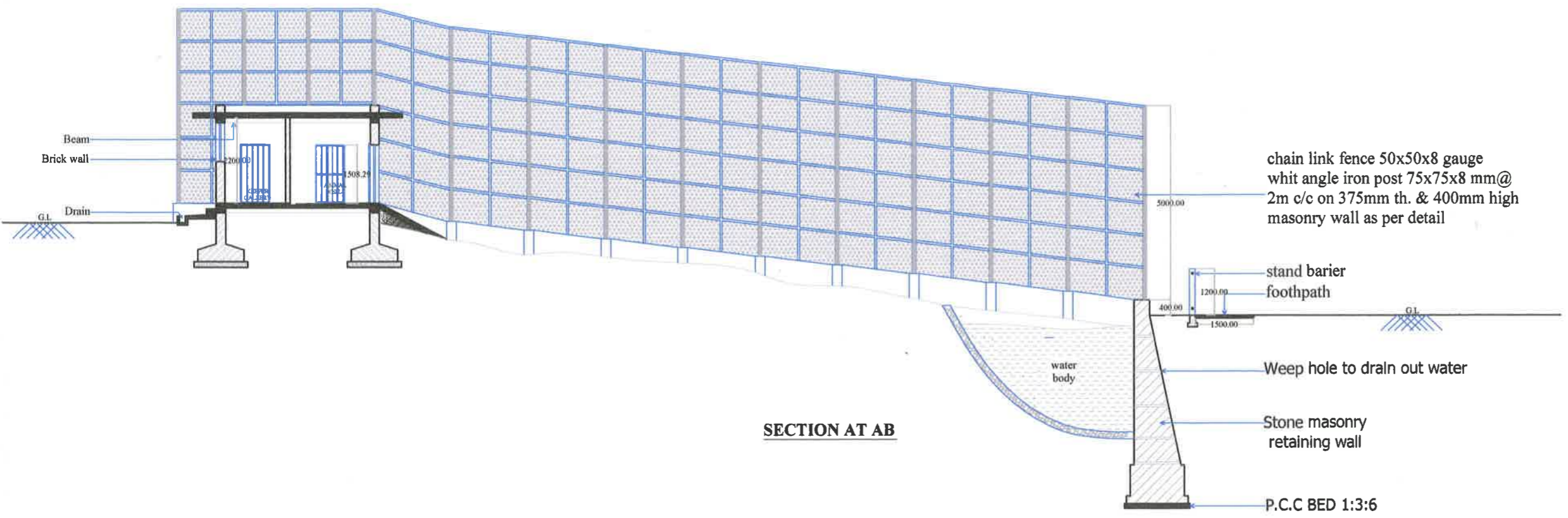
PROJECT
 PROPOSED ENCLOSURE FOR WOLF AT BIOLOGICAL PARK, ITANAGAR

TITLE
 SECTION AND ELEVATION

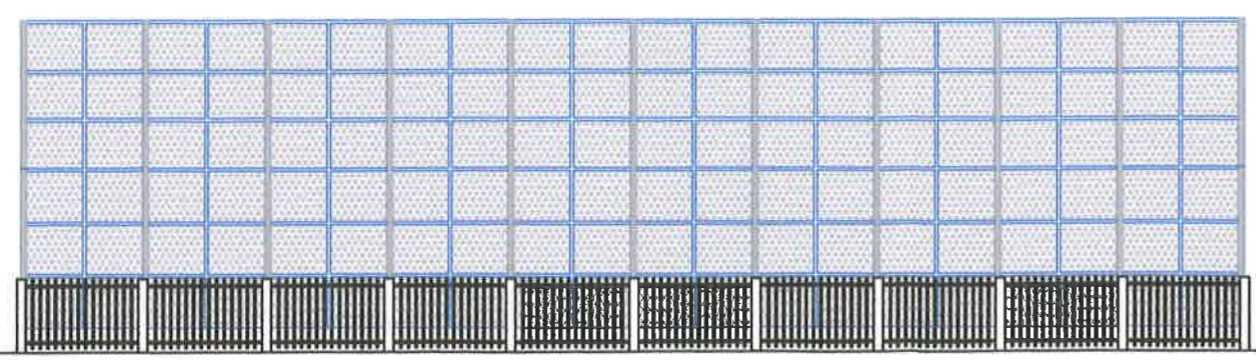
CONSULTANT

A & M ASSOCIATES
 ARCHITECTURAL & INTERIOR DESIGNERS
 THE PINE COMPLEX, OPP HDPC BANK
 NH-52A, ITANAGAR
 ARUNACHAL PRADESH-791111
 CONTACT: 09774004539, 08794705239,
 09402447022
 Email Id : am0612associates@gmail.com

DATE : 19.08.14
 SCALE : 1:120
 SHEET NO : 03
 FILE NO : AD/WLS/W-02



SECTION AT AB



FRONT ELEVATION

CURATOR
 Biological park
 Itanagar (A.P)

WOLF ENCLOSURE

Ar. Anju Hage
 Curator
 Biological Park
 Itanagar (A.P)

Ar. AMJU HAGE
 REGD. NO. CA/2011/51907

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PROJECT DETAIL

Paddock area	500 00 m ²
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LEGENDS

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1	D	Door	100 x 21
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4	V	Ventillator	60X50

CLIENT

BIOLOGICAL PARK, ITANAGAR

PROJECT

PROPOSED ENCLOSURE FOR WOLF

AT BIOLOGICAL PARK, ITANAGAR

TITLE

NIGHT SHELTER PLAN

CONSULTANT



A & M ASSOCIATES
ARCHITECTURAL & INTERIOR DESIGNERS

BLUE PINE COMPLEX, OPP HDFC BANK
NH-52A, ITANAGAR
ARUNACHAL PRADESH-791111

CONTACT: 09774004539, 08794705239,
09402447022

Email Id : am0612associates@gmail.com

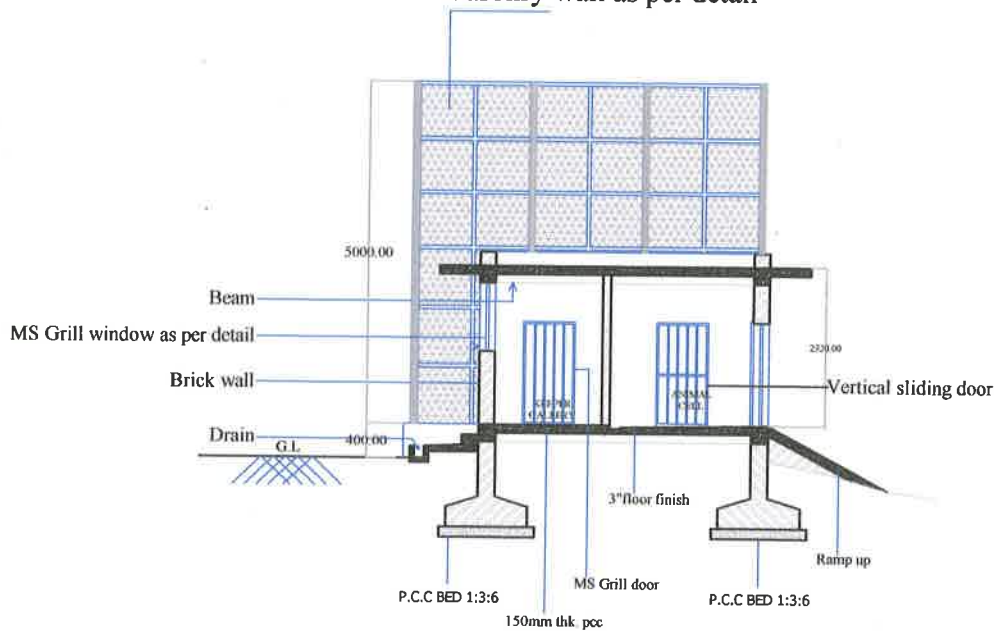
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SCALE : 1:100

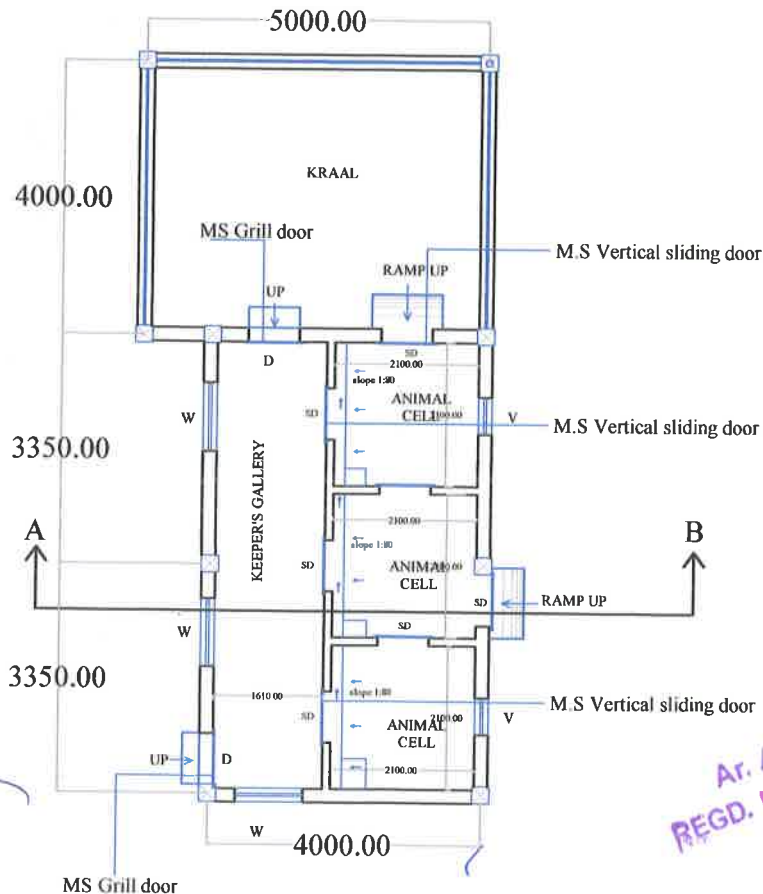
SHEET NO : 04

FILE NO
AD/WLSAW-02

chain link fence 50x50x8 gauge
whit angle iron post 75x75x8 mm@
2m c/c on 375mm th. & 400mm high
masonry wall as per detail



SECTION AT - AB



**NIGHT SHELTER PLAN
WOLF ENCLOSURE**

CURATOR
Biological park
Itanagar (A.P)

PLAN

Director
Biological Park
Itanagar (A.P)

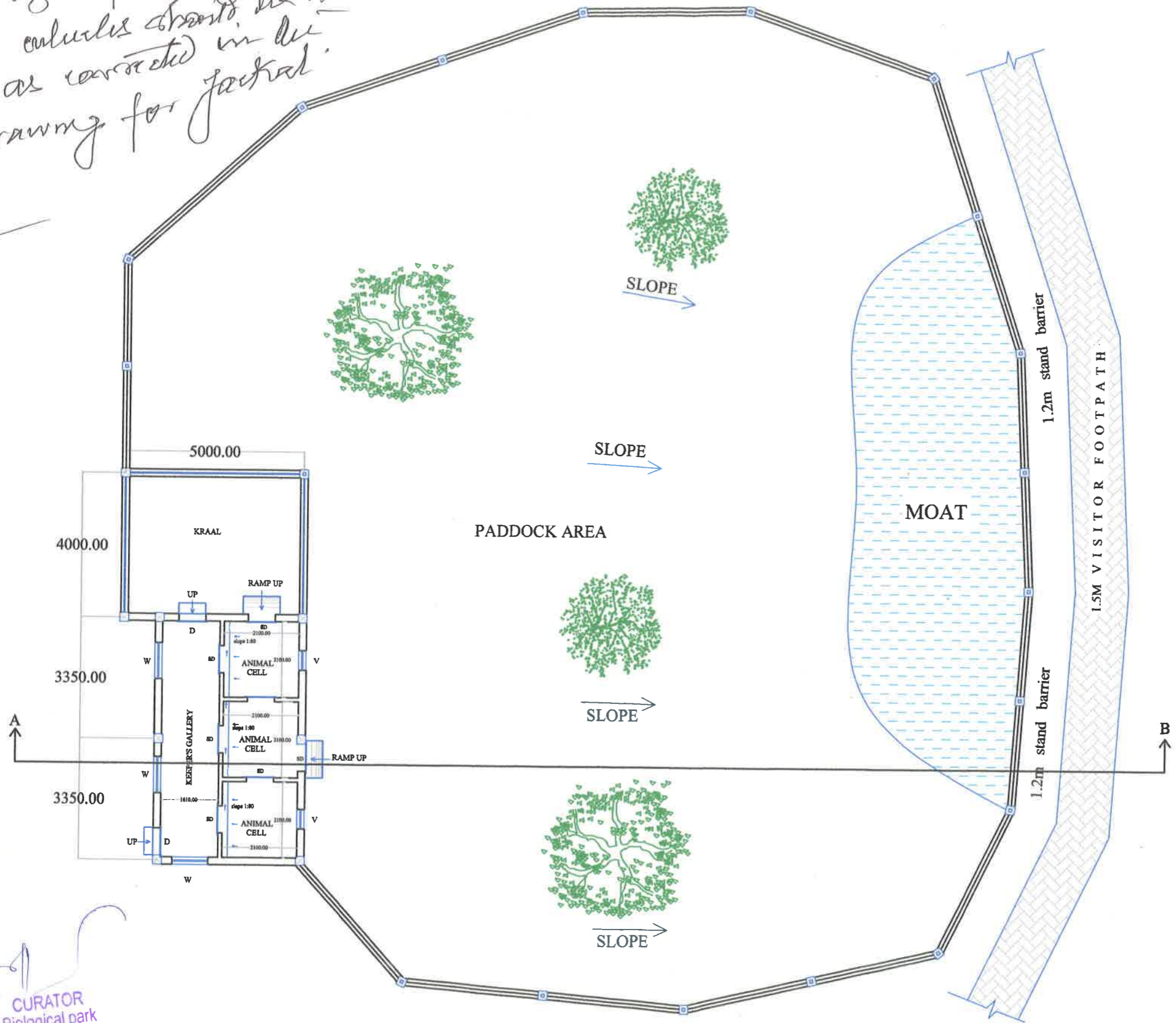
Alage
Ar. ANJU HAGE
REGD. NO. CA/2011/51997

scale

Sizes of doors, gallery and animal cells should be same as corrected in the drawing for jacket.

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CLIENT
BIOLOGICAL PARK, ITANAGAR

PROJECT
PROPOSED ENCLOSURE FOR WOLF AT BIOLOGICAL PARK, ITANAGAR

TITLE
PLAN

CONSULTANT

A & M ASSOCIATES
ARCHITECTURAL & INTERIOR DESIGNERS
BLUE PINE COMPLEX, OPP. HDPC BANK
NH-82A, ITANAGAR
ARUNACHAL PRADESH-791111
CONTACT: 09774006639, 08794708239,
09402447022
Email id: am0612associates@gmail.com

Stage
Ar. ANJU HAGE
REGD. NO. CA/2011/51987

CURATOR
Biological park
Itanagar (A.P)

Ar. Anju Hage
Biological Park
Itanagar (A.P)

WOLF ENCLOSURE

DATE : 19.08.14
SCALE : 1:120
SHEET NO : 02
FILE NO AD/WSA/02