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GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

Central Zoo Authority



F. No. 23-11/99-CZA(403)(Vol. I)(NS)/565/2016

Email/Post
Date: 04.04.2016

To

The Chief Wildlife Warden
& Principal Chief Conservator of Forests (WL)
Government of Maharashtra
Van bhavan, Ramgiri Road,
Civil Lines, Nagpur- 440 001 (Maharashtra)
Email: pccfwlnp@mahaforest.gov.in

Sub:- Designs of proposed Safari for Tiger, Leopard, Sloth bear and Herbivore at Zoo & Rescue Center at Gorewada, Nagpur - Reg.
Ref:- Your office letter no. Desk-23(4)/Cr.No. 19II(2012-13)/5541, dated 23.02.2016.

Sir,

With reference to the above cited correspondence, this is to inform you that the designs of proposed Safari for Tiger, Leopard, Sloth bear and Herbivore at Zoo & Rescue Center at Gorewada, Nagpur were placed before the 67th meeting of the Expert Group on Zoo Designing of Central Zoo Authority held on 09.03.2016.

(a) Design of proposed Safari for Tiger:

The design of proposed Safari for Tiger was approved subject to compliance with following conditions:

- Strength of columns in fencing should be got ascertained by a Structural Engineer.
- The MS flat on top of the vertical chain link fencing i.e. overhang should always be leaning towards paddock at an angle of 60°.

(b) Design of proposed safari for Leopard:

The design of proposed Safari for Leopard was approved subject to compliance with following conditions:

- Strength of columns in fencing should be got ascertained by a Structural Engineer.
- The MS flat on top of the vertical chain link fencing i.e. overhang should always be leaning towards paddock at an angle of 60°.

(c) Design of proposed Safari for Sloth bear:

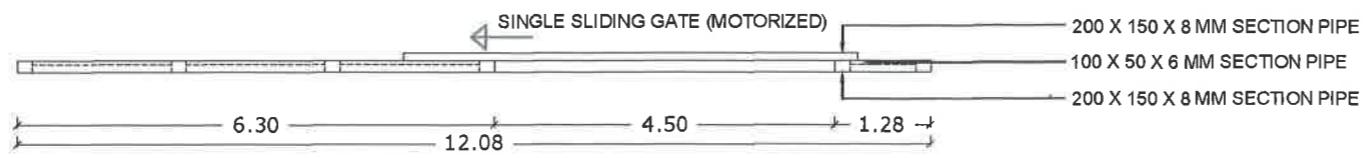
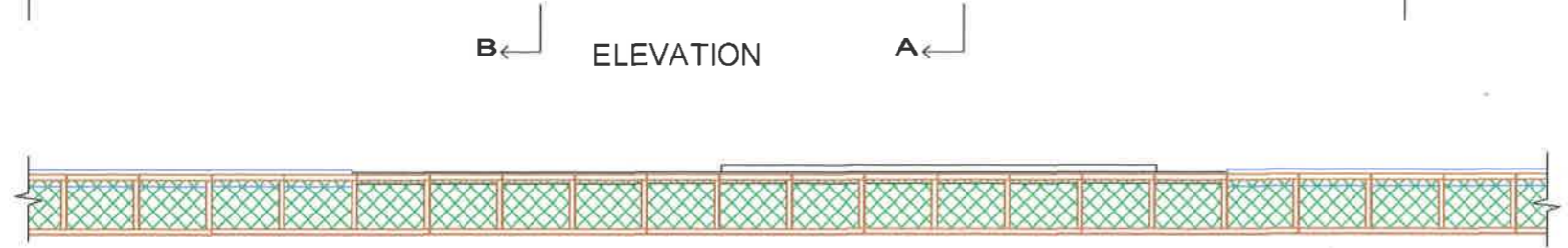
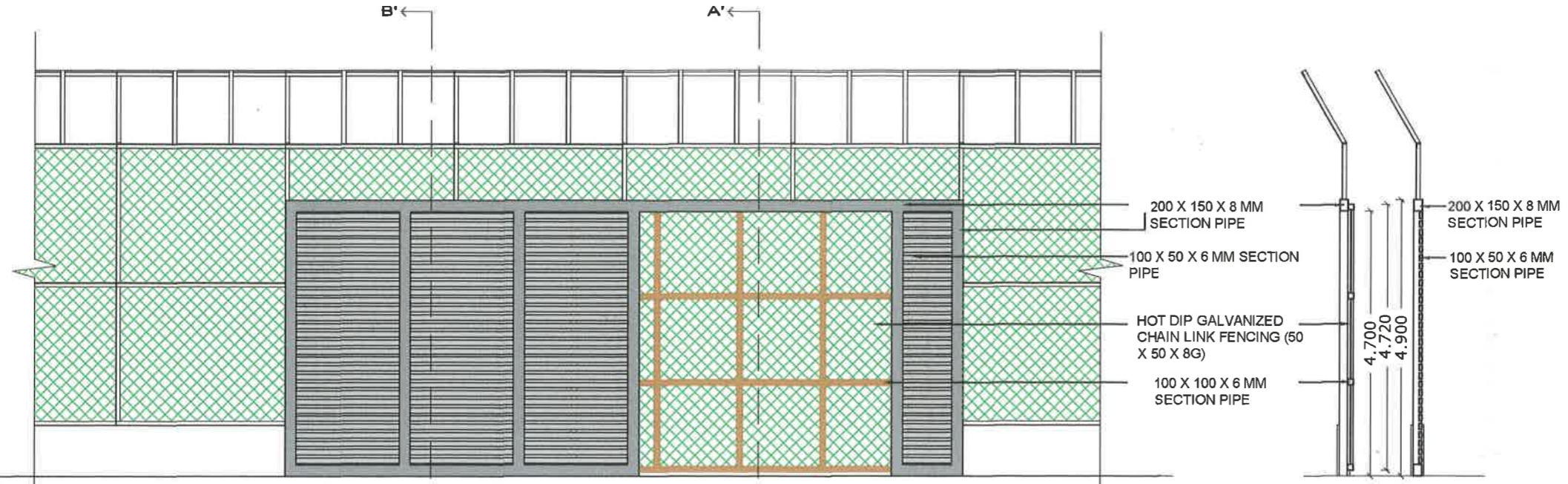
The design of proposed Safari for Sloth bear was approved subject to compliance with following conditions:

- Height of the barrier for bears should be 4 mts.

etc

2

DO NOT SCALE THE DRAWING. ALL DIMENSIONS ARE IN METRIC UNIT. IF IN DOUBT PLEASE ASK.



PLAN

- GENERAL NOTES :**
- 1) ALL DRAWINGS ARE PERMETIVE
 - 2) DO NOT SCALE THE DRAWING
 - 3) ALL DIMENSIONS ARE TO BE REVERED FROM THE ARCHITECTURAL DRAWING
 - 4) IN CASE OF ANY DISCREPANCY PLEASE FOLLOW THE DIMENSION GIVEN BY ARCHITECTURAL DRAWING
 - 5) ALL THE REINFORCEMENT & OTHER STRUCTURAL DETAILS ARE TO BE FOLLOWED AS PER THE STRUCTURAL DRAWING
 - 6) THE CONTRACTOR SHOULD NOTIFY ALL THE DISCREPANCY FOUR NOTICE AND NO DISCONTINCHANGES SHALL BECOME WITHOUT SUPERVISOR CONSENT
 - 7) THE CONTRACTOR SHOULD GET THE CENTERLINE LAYOUT APPROVED PRIOR TO COMMENCEMENT OF CONSTRUCTION
 - 8) DRAWINGS ARE SUBJECT TO MAJOR CHANGES AS PER SITE CONDITIONS

NOTE:
1) SECTION, FENCE & OTHER DETAILS SHOULD BE AS PER THE GIVEN SPECIFICATIONS.

SIGNATURE: DIVISION FOREST OFFICER, NAGPUR, MAHARASHTRA

Divisional Manager
Gorewada Project
Nagpur

SIGNATURE: ASHFAQUE AHMED CONSULTANCY SERVICES PVT. LTD. A.C.S. PVT. LTD.



PROJECT: INTERNATIONAL STANDARD ZOO & RESCUE CENTRE

CLIENT: DIVISION FOREST OFFICER, NAGPUR, MAHARASHTRA

AUTHORITY:

TENDER:

SHEET TITLE: SAFARI GATE DETAILS

RO5			
RO4			
RO3			
RO2			
RO1			

REVISION	DATE	DESCRIPTION	SIGN
APPROVED BY:	A.A.	DRAWN BY:	PHUT
FINALISED BY:	A.A.	CHECKED BY:	A.A.
DATE:	10-01-2018	ISSUED:	18-02-2018
SCALE:		SCALE:	1:100
STAGE:		SHEET NO:	01/01
DRWG NO:	ANCR/PL/GOREWADA/2018/03.8	FILE NO:	
CAD FILE:			
A) PRELIMINARY		NORTH	
B) FOR APPROVAL			
C) ADVANCE COPY			
D) GOOD FOR CONSTRUCTION			

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 289, New Colony, Nagpur
 Ph: 0712-259752 / 495704
 Email: ashfaque@ashfaque.com
 Website: www.ashfaque.com

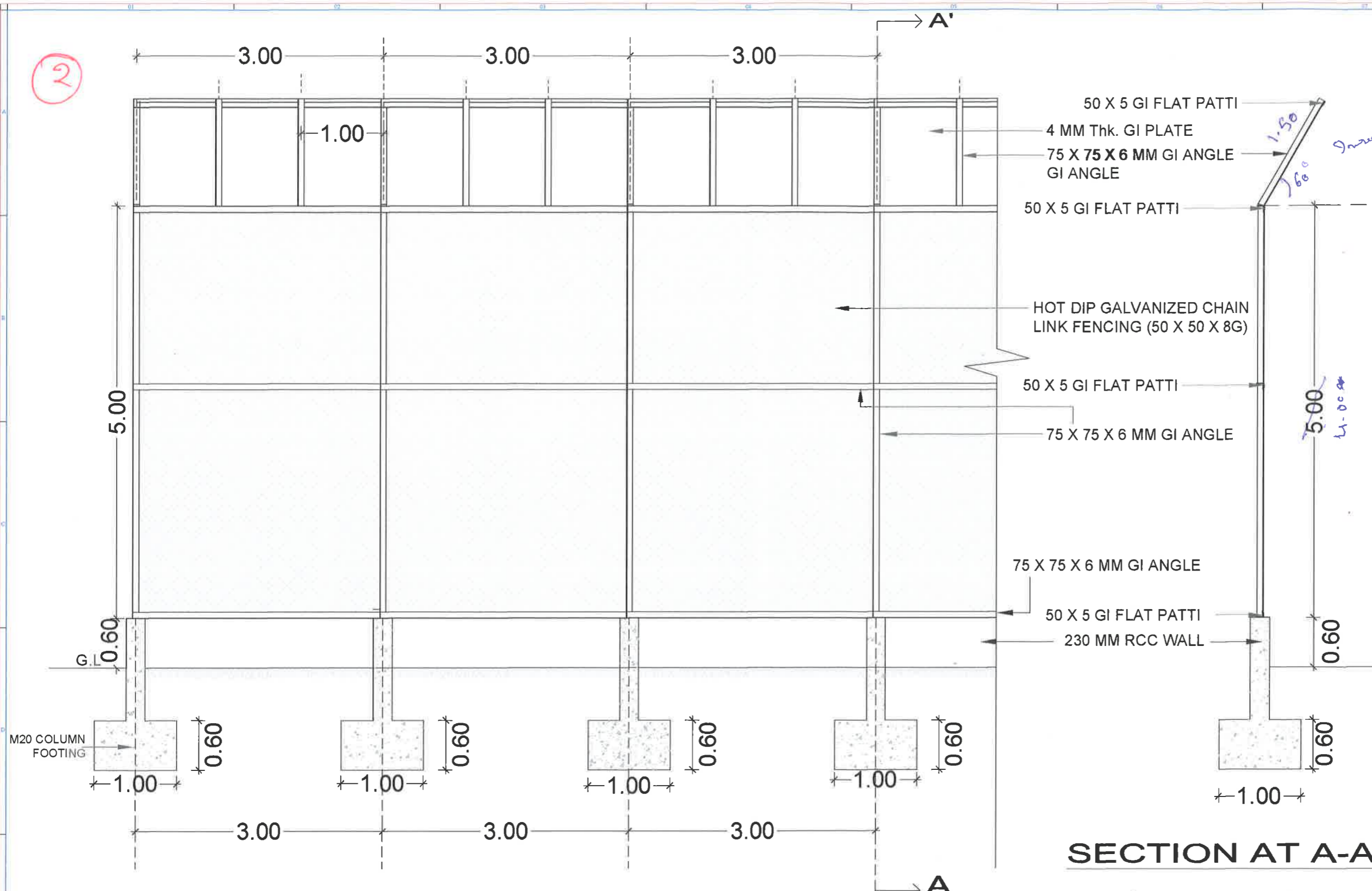
REVISION NUMBER: **R0**

SAFARI GATE DETAILS - LEOPARD & SLOTH BEAR SAFARI

INTERNATIONAL STANDARD ZOO & RESCUE CENTRE, GOREWADA

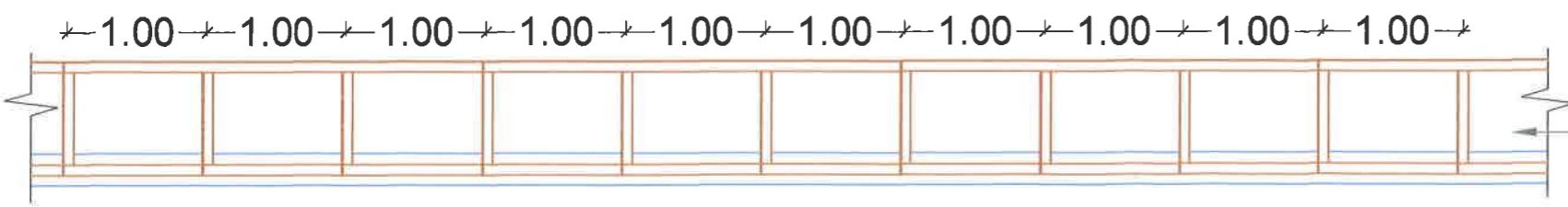
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SECTIONAL ELEVATION

SECTION AT A-A



PLAN

- GENERAL NOTES :**
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 - 8) DRAWINGS ARE SUBJECT TO MINOR CHANGES AS PER SITE CONDITIONS

SIGNATURE : DIVISIONAL FOREST OFFICER, NAGPUR, MAHARASHTRA

[Signature]
 Divisional Manager
 Gorewada Project
 Nagpur

SIGNATURE : ASHFAQUE AHMED CONSULTANCY SERVICES PVT. LTD.

[Signature]
 Ashfaque Ahmed Consultancy Services Pvt. Ltd.
 289, New Colony, Sadar, Nagpur

PROJECT : INTERNATIONAL STANDARD ZOO AND RESCUE CENTRE AT GOREWADA, NAGPUR

CLIENT : DIVISIONAL FOREST OFFICER, NAGPUR, MAHARASHTRA

AUTHORITY :

TENDER :

SHEET TITLE : FENCING DETAILS OF LEOPARD & SLOTH BEAR

R05			
R04			
R03			
R02			
R01			
REVISION	DATE	DESCRIPTION	SIGN

APPROVED BY : AA DRAWN BY : UTKARSH

FINALISED BY : AA CHECKED BY : AA

DATE : 10-01-2018 ISSUED : 12-03-2018 SCALE : 1:50

STAGE : SHEET NO : 01/01

DRWG. NO : AACBPL/GOREWADA/2018-16/C8

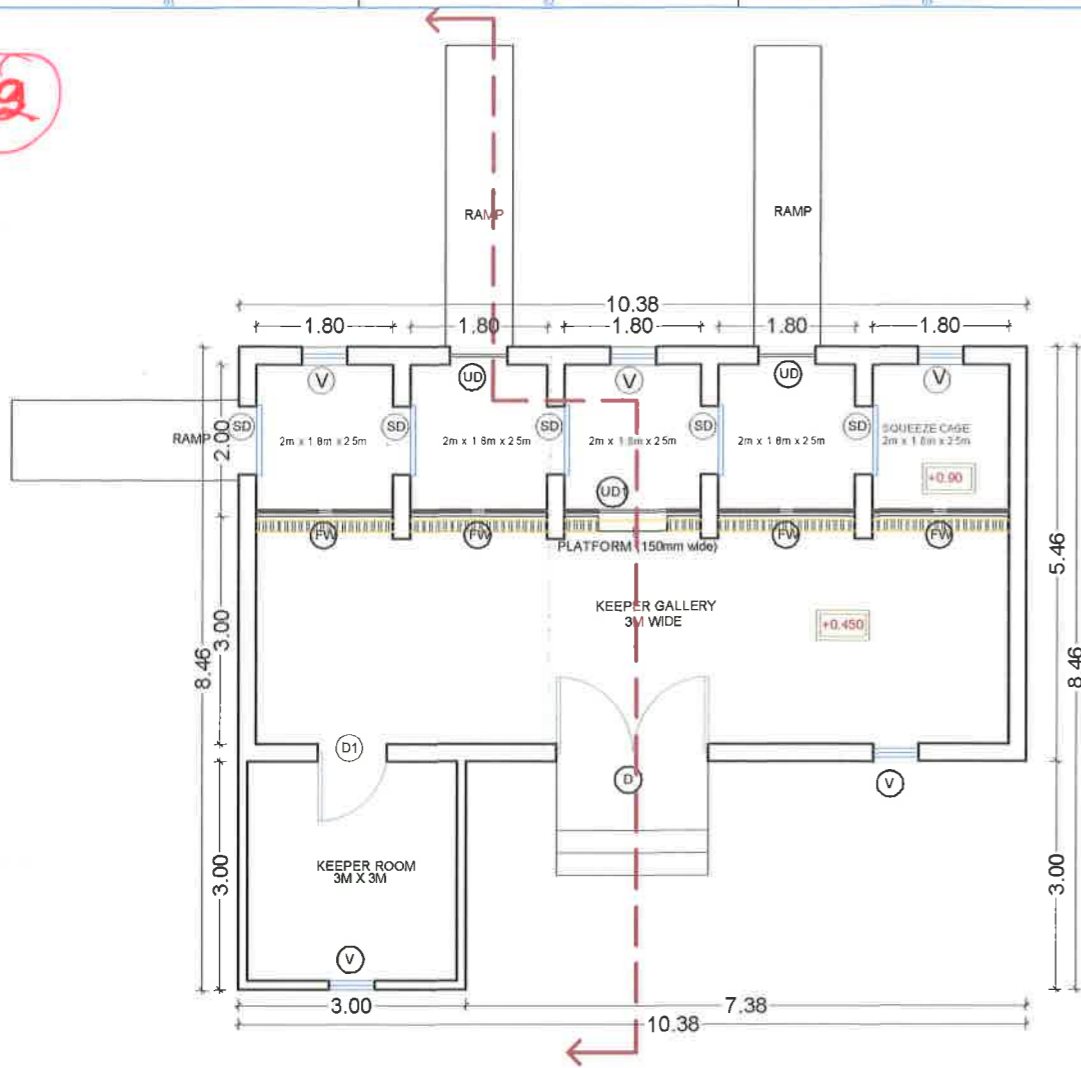
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A) PRELIMINARY
 B) FOR APPROVAL
 C) ADVANCE COPY
 D) GOOD FOR CONSTRUCTION

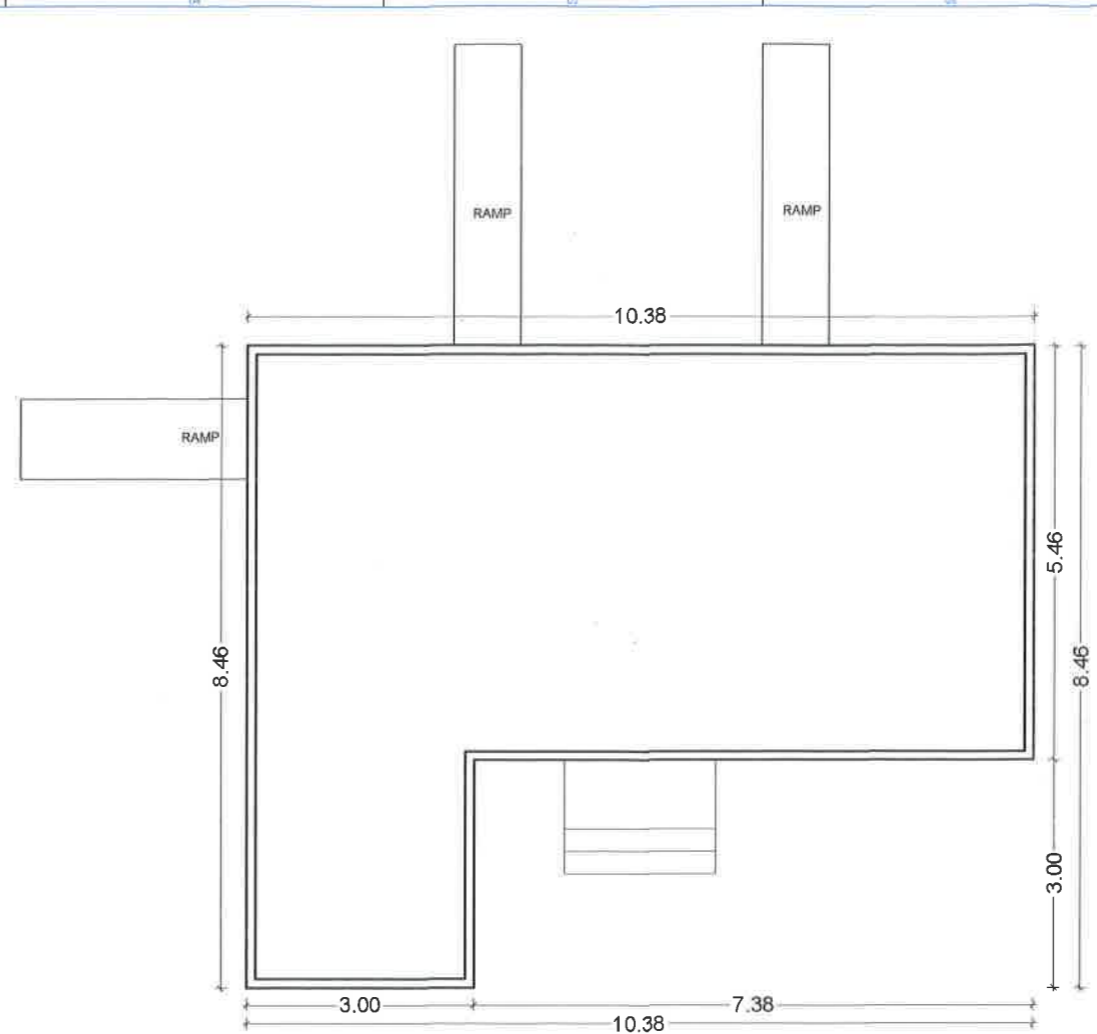
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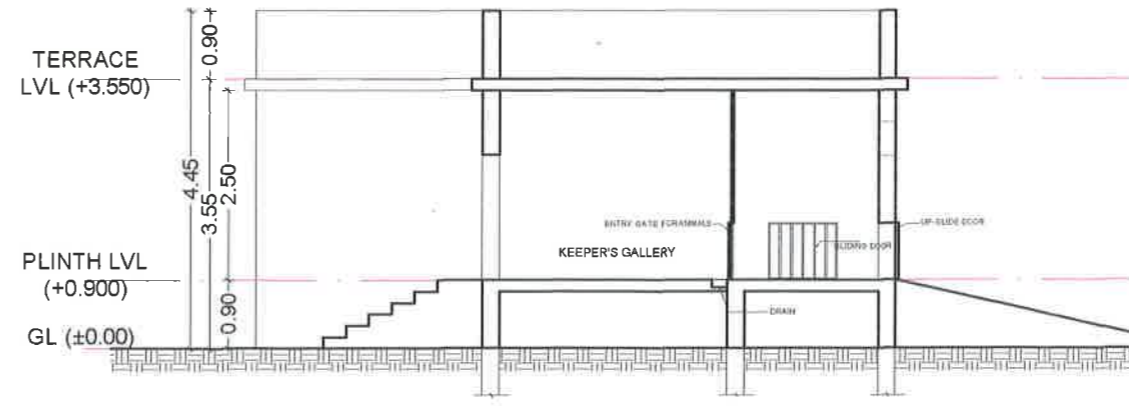


PLAN

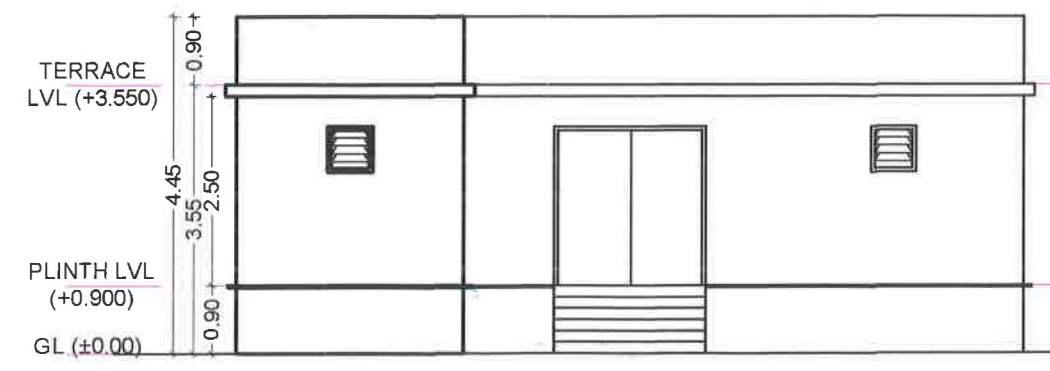


ROOF PLAN

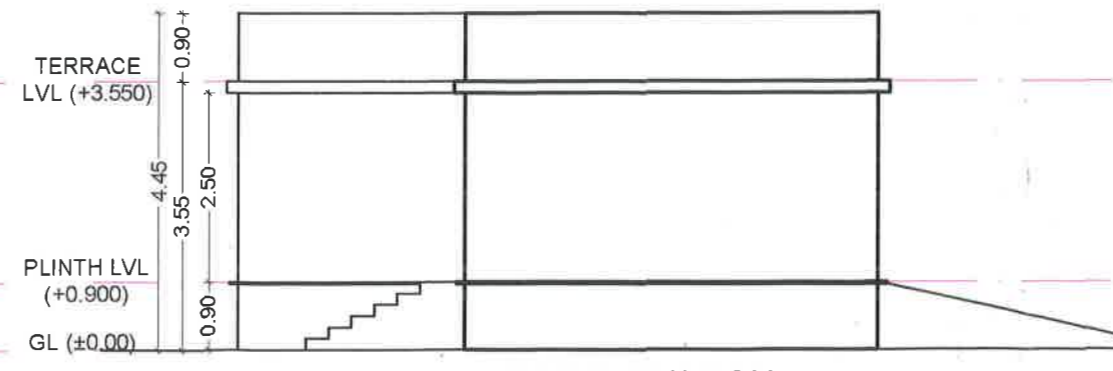
Ramp to be earthed
AS
AS



SECTION



FRONT ELEVATION



SIDE ELEVATION

GENERAL NOTES :

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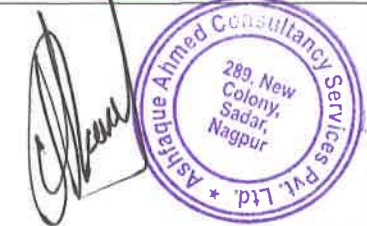
SCHEDULE OF OPENING -

TYPE	SIZE	REMARK	NOS.
D	2.00 x 2.10 M	METAL DOOR	1
D1	0.90 x 2.10 M	FLUSH DOOR	1
UD	0.90 x 0.75 M	UPSLIDE METAL DOOR	2
UD1	0.90 x 1.00 M	UPSLIDE METAL DOOR	1
SD	0.90 x 0.75 M	SLIDING METAL DOOR	5
FW	0.20 x 0.20 M	METAL WINDOW	4
V	0.60 x 0.60 M	UPVC LOUVERED VENTILATOR	5

SIGNATURE: DIVISIONAL FOREST OFFICER, NAGPUR, MAHARASHTRA

Divisional Manager
Gorewada Project
Nagpur

SIGNATURE: ASHFAQE AHMED CONSULTANCY SERVICES PVT. LTD. A.C.S.P.L.



PROJECT : INTERNATIONAL STANDARD ZOO & RESCUE CENTRE AT GOREWADA, NAGPUR

CLIENT : DIVISIONAL FOREST OFFICER, NAGPUR, MAHARASHTRA

AUTHORITY :

TENDER :

SHEET TITLE : LEOPARD SHELTER

REVISION	DATE	DESCRIPTION	SIGN
R05			
R04			
R03			
R02			
R01			

APPROVED BY: A.A. DRAWN BY: UTKARSH
 FINALISED BY: A.A. CHECKED BY: A.A.

DATE: 10-01-2016 ISSUED: 12-02-2016 SCALE: 1:100

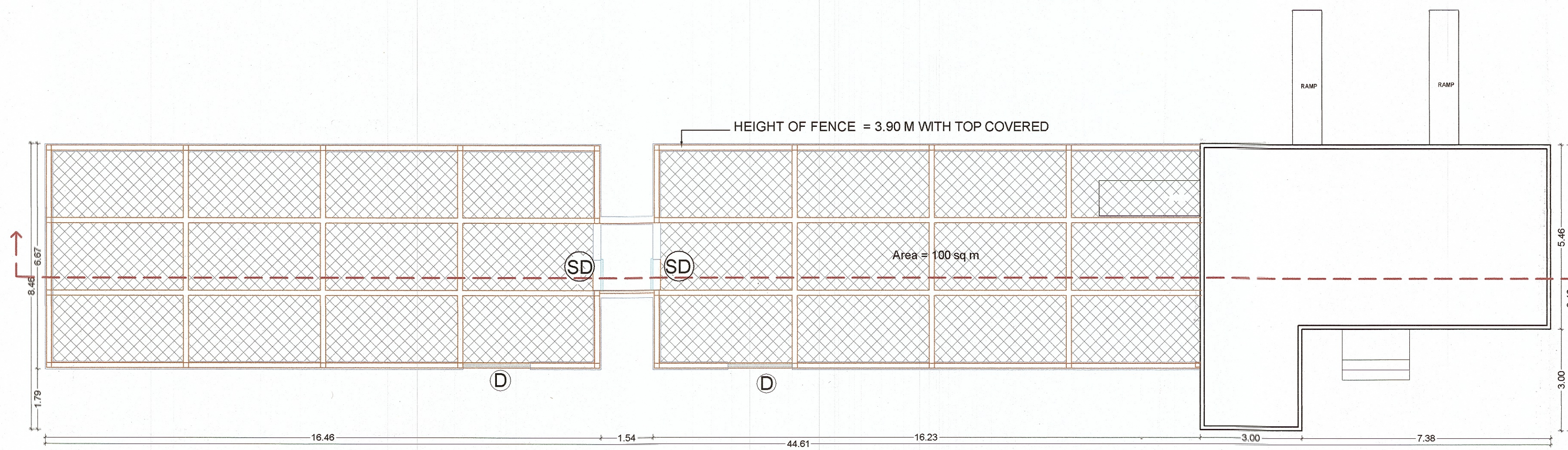
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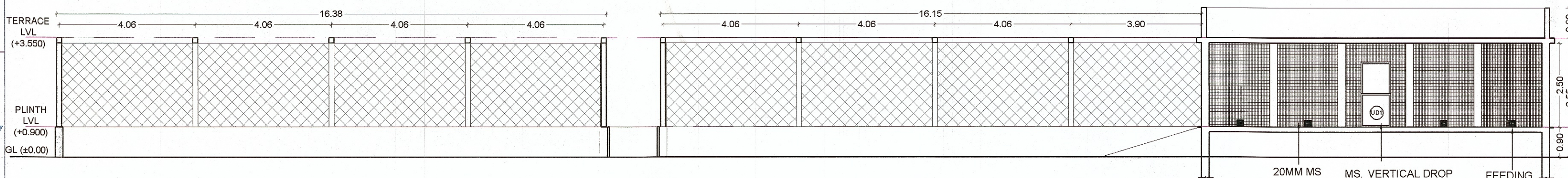
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ROOF PLAN



SECTION A-A'

20MM MS VERTICAL BAR
100MM C/C
35 X 5 MS FLAT PATTI 100 MM C/C
MS. VERTICAL DROP DOOR 0.9X1M WITH PULLEY SYSTEM
FEEDING WINDOW

GENERAL NOTES :

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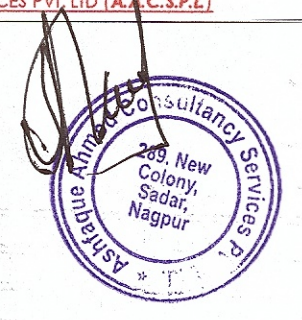
SCHEDULE OF OPENING -

TYPE	SIZE	REMARK	NOS.
D	2.00 x 2.10 M	METAL DOOR	1
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SIGNATURE : DIVISION FOREST OFFICER, NAGPUR, MAHARASHTRA

Divisional Manager
Gorewada Project
Nagpur

SIGNATURE : ASHFAQUE AHMED CONSULTANCY SERVICES PVT. LTD (A.A.C.S.P.L.)



PROJECT : INTERNATIONAL STANDARD ZOO & RESCUE CENTRE, AT GOREWADA, NAGPUR

CLIENT : DIVISION FOREST OFFICER, NAGPUR, MAHARASHTRA

AUTHORITY :

TENDER :

SHEET TITLE : LEOPARD KRA L AREA

REVISION	DATE	DESCRIPTION	SIGN
R05			
R04			
R03			
R02			
R01			

APPROVED BY : A.A. DRAWN BY : LTKARSH
FINALISED BY : A.A. CHECKED BY : A.A.

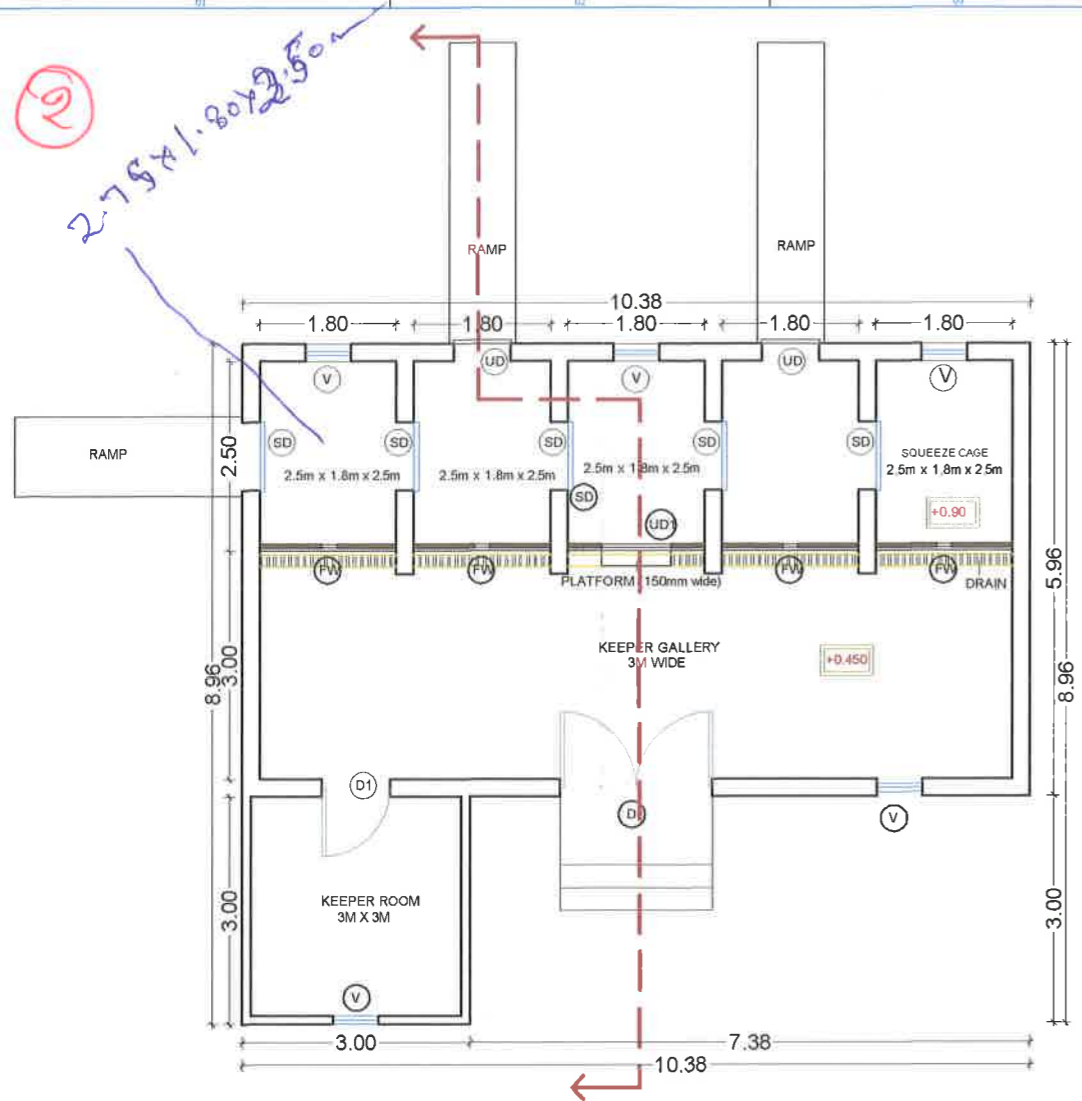
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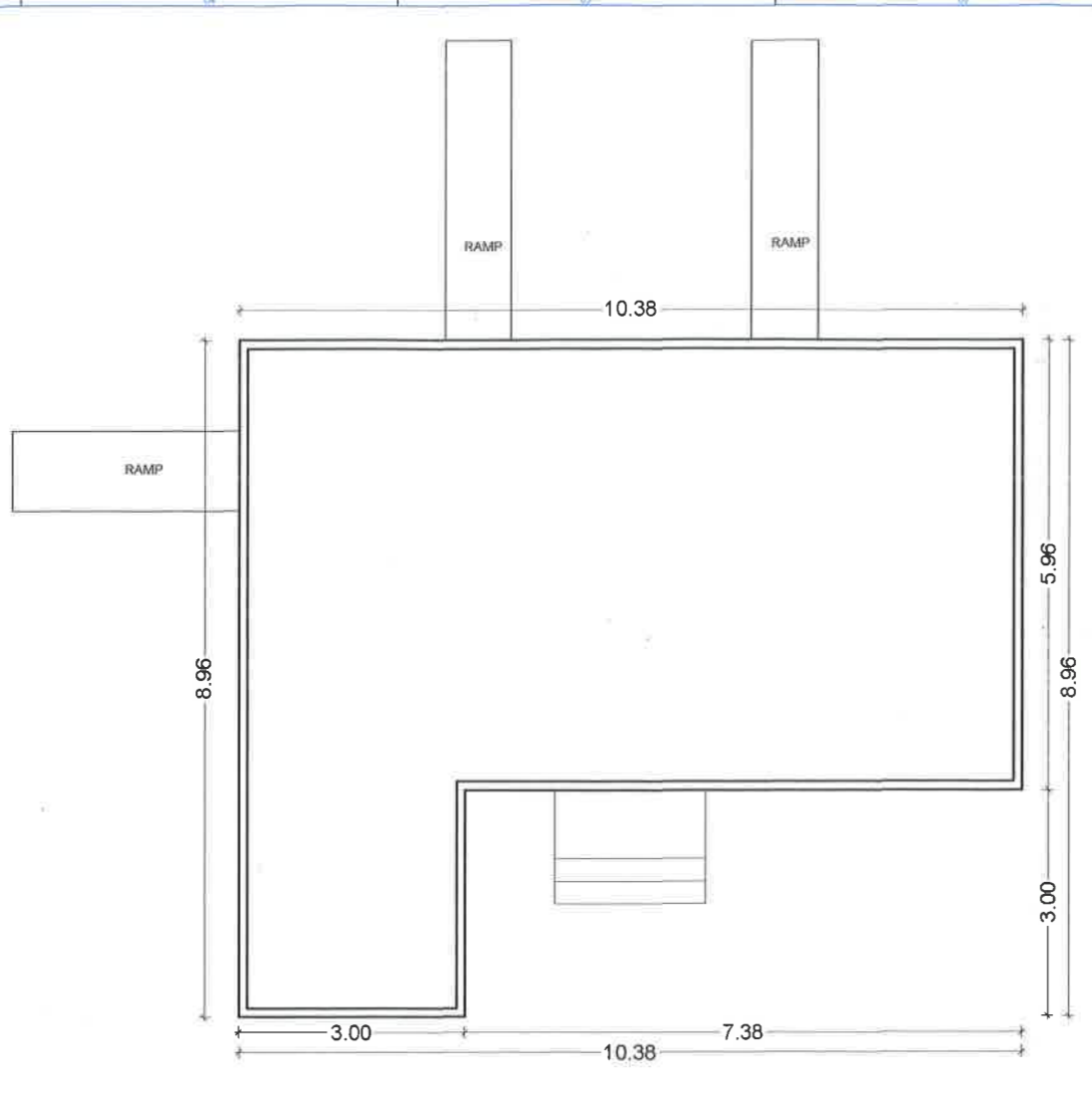
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info@aadesigngroup.com
Website : www.aadesigngroup.com

REVISION NUMBER
R0

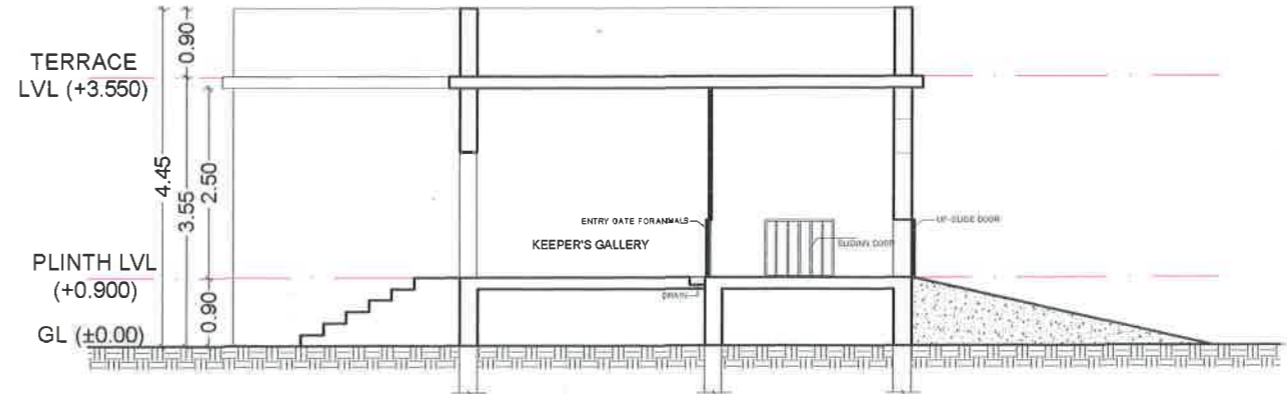


PLAN

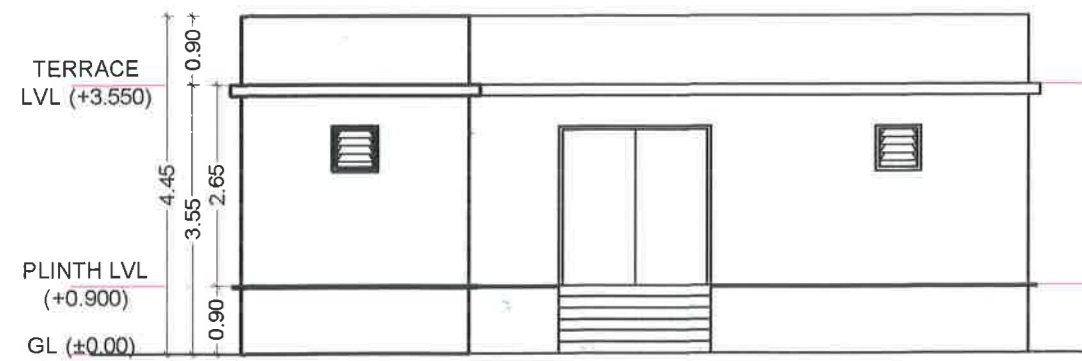


ROOF PLAN

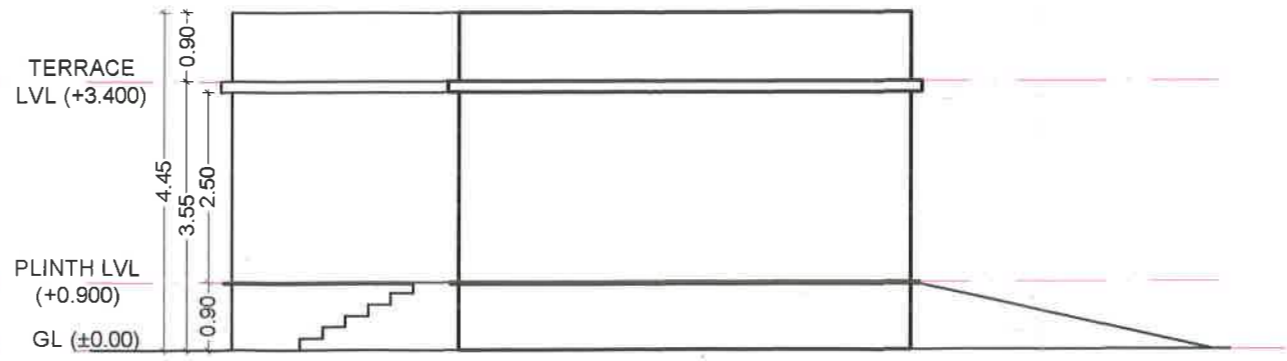
Ramp to be eastern
AS
Sharma



SECTION



FRONT ELEVATION



SIDE ELEVATION

GENERAL NOTES :

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SCHEDULE OF OPENING -

TYPE	SIZE	REMARK	NOS.
D	2.00 x 2.1 M	METAL DOOR	1
D1	0.90 x 2.10 M	FLUSH DOOR	1
UD	0.90 x 0.75 M	UPSLIDE METAL DOOR	2
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FW	0.20 x 0.20 M	METAL WINDOW	4
V	0.6 x 0.6 M	UPVC LOUVERED VENTILATOR	5

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Divisional Manager
Gorewada Project
Nagpur

SIGNATURE : ASHFAQUE AHMED CONSULTANCY SERVICES PVT. LTD. (I.A.C & P.L.)

PROJECT : INTERNATIONAL STANDARD ZOO & RESCUE CENTRE AT GOREWADA, NAGPUR

CLIENT : DIVISIONAL FOREST OFFICER, NAGPUR, MAHARASHTRA

AUTHORITY :

TENDER :

SHEET TITLE : SLOTH BEAR SHELTER

REVISION	DATE	DESCRIPTION	SIGN
R05			
R04			
R03			
R02			
R01			

APPROVED BY : A.A. DRAWN BY : UTKARSH

FINALISED BY : A.A. CHECKED BY : A.A.

DATE : 10-01-2016 ISSUED : 12-02-2016 SCALE : 1:100

STAGE : SHEET NO : 01/01

DRAWING NO : AACSP/L GOREWADA/2016/16/08 FILE NO :

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