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GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE

Central Zoo Authority

F. No. 19-160/93-CZA(147)(Vol. I)(AK)/6031

DATE: 10.10.2014

To

The Director cum Divisional Forest Officer,
Jungle Safari,
Naya Raipur,
Chattisgarh

Sub:- Signed copy of the proposed designs of structural components of safaris at Nandanvan Zoo & Safari, Naya Raipur - reg

Sir,

Reference is invited to your letter dt. 09.10.2014.

Please find enclosed herewith approved and signed copies of the designs of the following proposed safaris to be constructed at Nandanvan Zoo & Safari, Naya Raipur for favour of information and necessary action at your end.

1. Herbivore Safari
2. Sloth Bear Safari
3. Tiger & Lion Safari

Yours faithfully,

Sd/-
(B. S. Bonal)
Member Secretary

Encl: as above

Copy to for favour of information and necessary action to:-

1. The Chief Wildlife Warden, Government of Chattisgarh, Raipur.

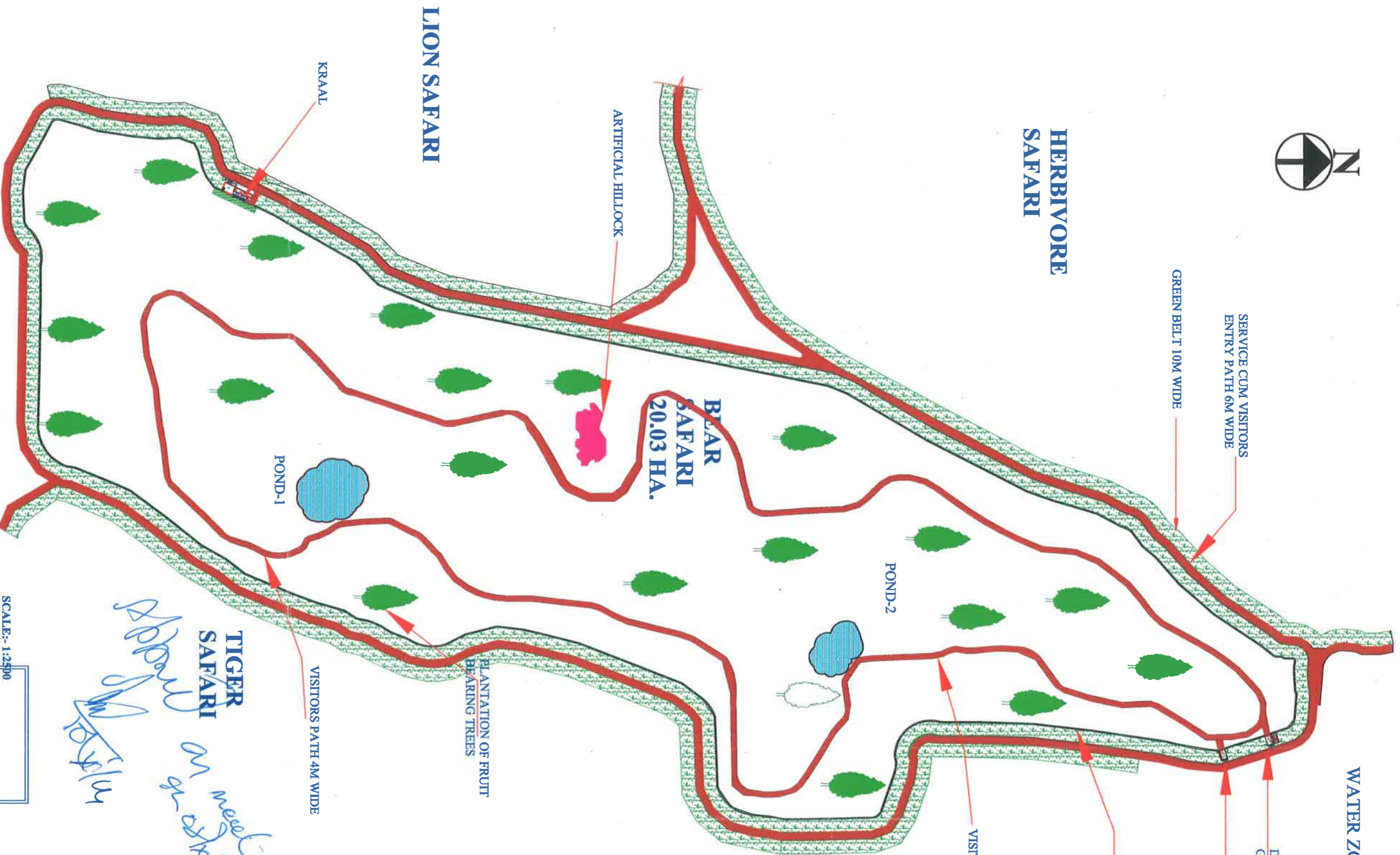
Received
10.10.2014

O/C

(Dr. Brij Kishor Gupta)
Evaluation & Monitoring Officer

LAYOUT PLAN FOR BEAR SAFARI OF NANDAN VAN ZOO & SAFARI, NAYA RAIPUR, C.G.

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WATER ZONE

DOUBLE DOOR GATE CUM GUARD ROOM

SERVICE CUM VISITORS ENTRY PATH 6M WIDE

GREEN BELT 10M WIDE

EMERGENCY GATE

CHAIN LINK FENCING
50X50MM SIZE 4.40M HIGH
ABOVE 0.6M BRICK WALL
TOP 60CM INWARD INCLINED

VISITORS PATH 4M WIDE

POND-2

BEAR SAFARI
20.03 HA.

ARTIFICIAL HILLOCK

PLANTATION OF FRUIT BEARING TREES

LION SAFARI

VISITORS PATH 4M WIDE

POND-1

TIGER SAFARI

Support on west side of path

LEGEND:-

- SERVICE CUM VISITORS ENTRY PATH
- GREEN BELT.
- CHAIN LINK FENCING-
- DOUBLE DOOR GATE CUM GUARD ROOM -
- VISITORS PATH -
- POND -
- ARTIFICIAL HILLOCK-
- PLANTATION OF FRUIT BEARING TREES -

STRUCTURES:-

1. ENTRANCE GATE - 4.50M WIDE SLIDING DOUBLE DOOR
 2. GUARD ROOM - 3M X 3M WITH 0.9M GALLERY & WATCH TOWER 10M HIGH
 3. CHAIN LINK FENCING - CHAIN LINK FENCING 50X50MM SIZE 4.40M HIGH ABOVE 0.6M BRICK WALL TOP 60CM INWARD INCLINED WITH BARBED WIRE FENCING
 4. KRAAL - ONE (8.0X6.0M SIZE 4.0M HEIGHT CHAIN LINK FENCED KRAAL)
 5. FEEDING CUBICLE - 4 NOS. EACH CUBICLE 2.0X3.0X3.0 SIZE OF BRICK WALL WITH IRON GATE
- * RESCUE CELL 3.0X3.0X3.0M SIZE BRICK WALL WITH SQUIZER
- * OPEN DRAIN 0.3M WIDE & SEPTIC TANK

SCALE:- 1:2500
IN A3 PAPER SIZE

SAFARI MAIN BOUNDRY

PROJECT:-

NANDAN VAN ZOO & SAFARI,
NAYA RAIPUR

DRAWING TITLE:-

BEAR SAFARI MANAGEMENT
LAYOUT PLAN

R.O. jungle Safari
Unit-2, Raipur

Dir. cum DFO jungle
Safari, Raipur

Asst. Dir, jungle
Safari, Raipur

LAYOUT PLAN FOR GATE OF BEAR SAFARI, NANDAN VAN ZOO & SAFARI RAIPUR (C.G.)

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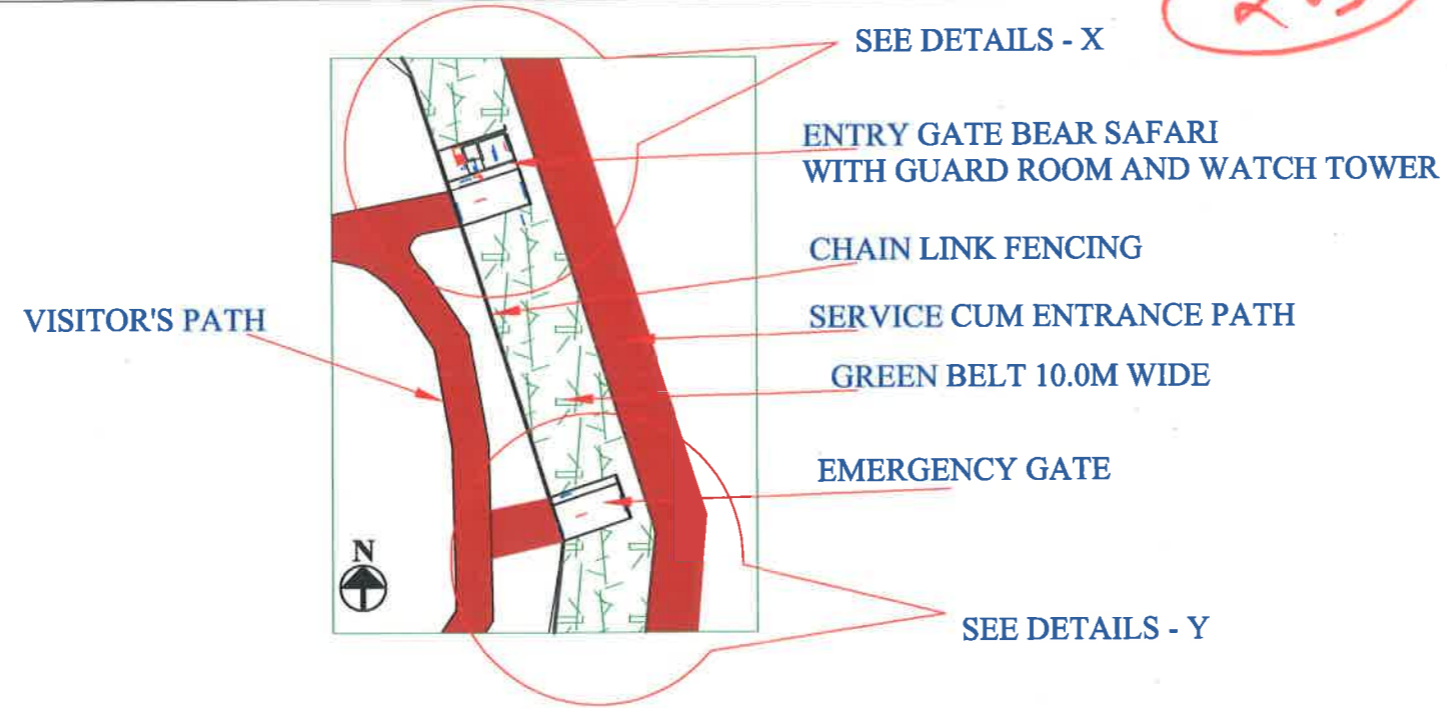
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LEGEND:-

- SERVICE CUM VISITORS ENTRY PATH
- GREEN BELT
- CHAIN LINK FENCING
- VISITOR'S PATH

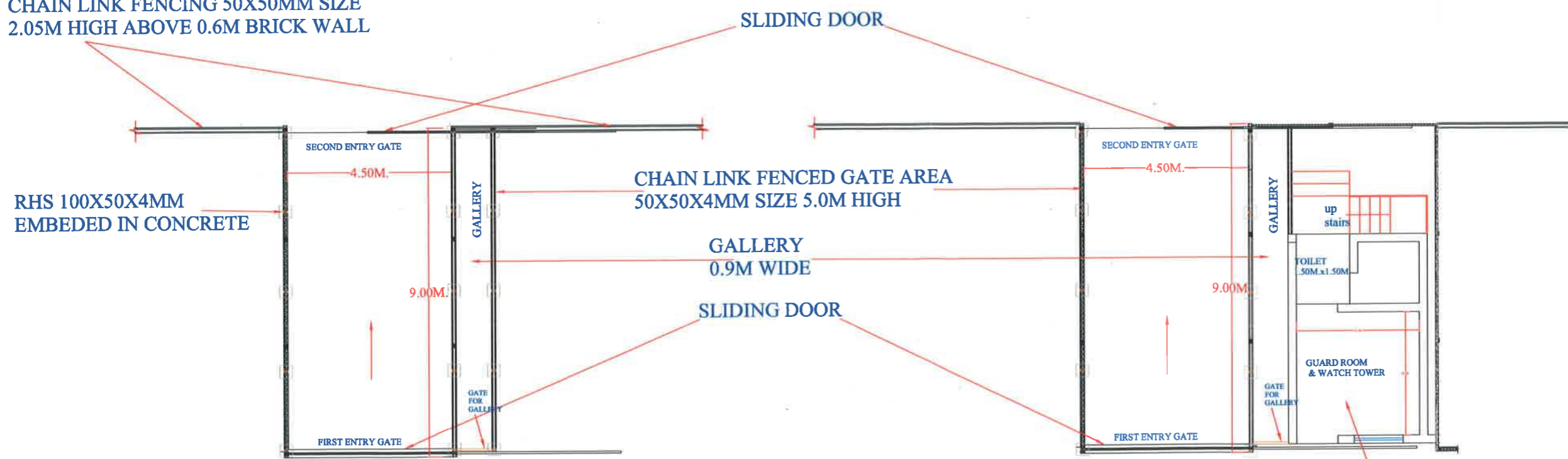
STRUCTURES:-

1. ENTRANCE GATE - 4.50M WIDE SLIDING DOUBLE DOOR
2. GUARD ROOM - 3M X 3M WITH 0.9M GALLERY & WATCH TOWER 10M HIGH
3. WATCH TOWER - 3M X 3M SIZE
4. EMERGENCY GATE - 4.50M WIDE SLIDING DOUBLE DOOR WITHOUT GUARD ROOM



PART PLAN OF BEAR SAFARI

CHAIN LINK FENCING 50X50MM SIZE 2.05M HIGH ABOVE 0.6M BRICK WALL



EMERGENCY GATE PLAN

DETAIL - Y

ENTRY GATE BEAR SAFARI PLAN

DETAIL - X

PROJECT:-
NANDAN VAN ZOO & SAFARI, NAYA RAIPUR

DRAWING TITLE:-
LAYOUT PLAN FOR GATE OF BEAR SAFARI

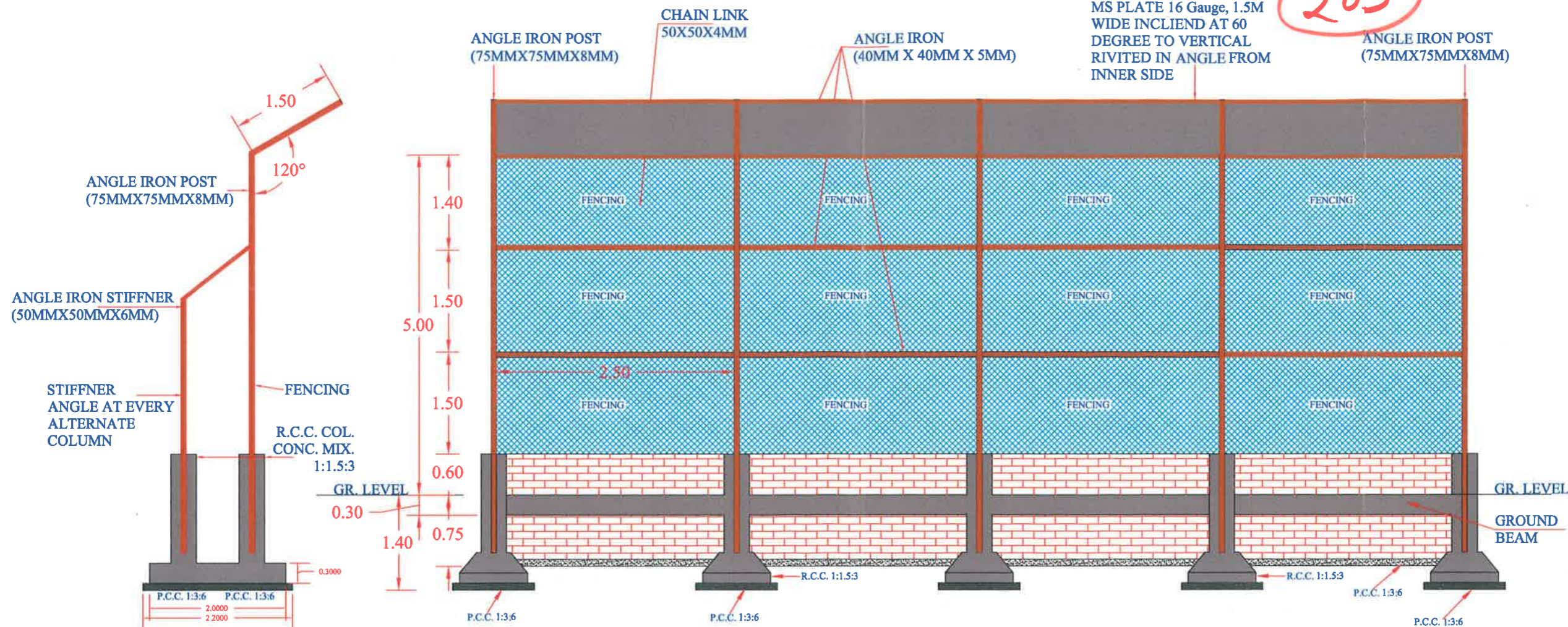
Asst. Dir. jungle Safari, Raipur

Dir. cum DFO jungle Safari, Raipur

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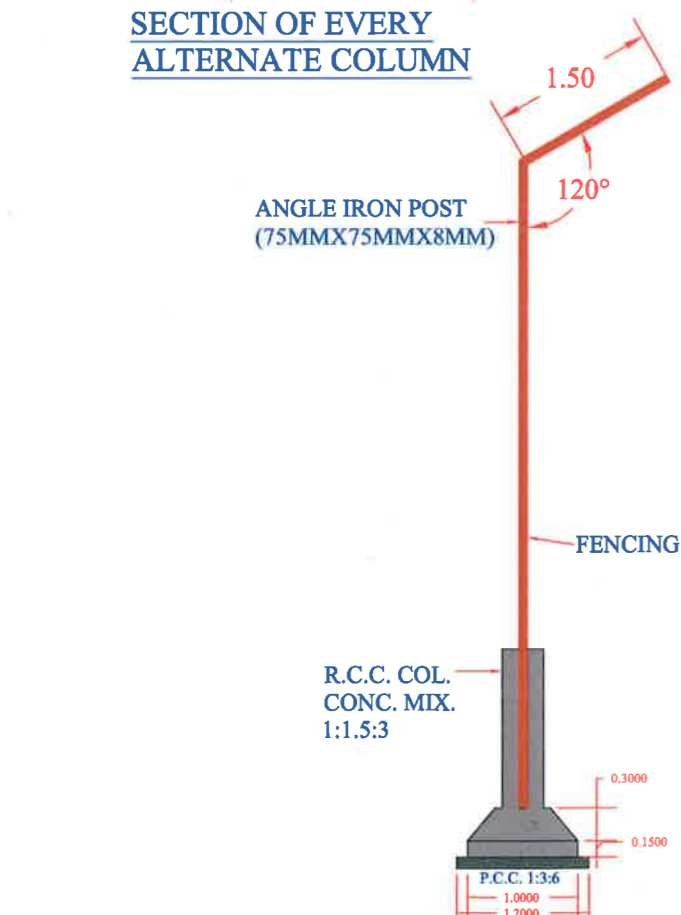
STRUCTURES:-

1. SAFARI ENCLOUSER-
 CHAIN LINK 50X50X8 Gauge
 GALVANIZED IRON WIRE
 4.40M HT. ABOVE 0.60M
 BRICK WALL.
 EFFECTIVE HT. 5.0M.
 ANGLE IRON POST SIZE
 75X75X8MM FIXED IN
 0.2X0.3M SIZE R.C.C.
 COLUMN.
 AT TOP, 1.5M LONG POST IS
 INWARD INCLIEND 60
 DEGREE TO VERTICAL
 WITH MS PLATE 16 Gauge,
 1.5M WIDE INCLIEND
 INWARD, RIVITED IN
 ANGLE FROM INNER
 SIDE.

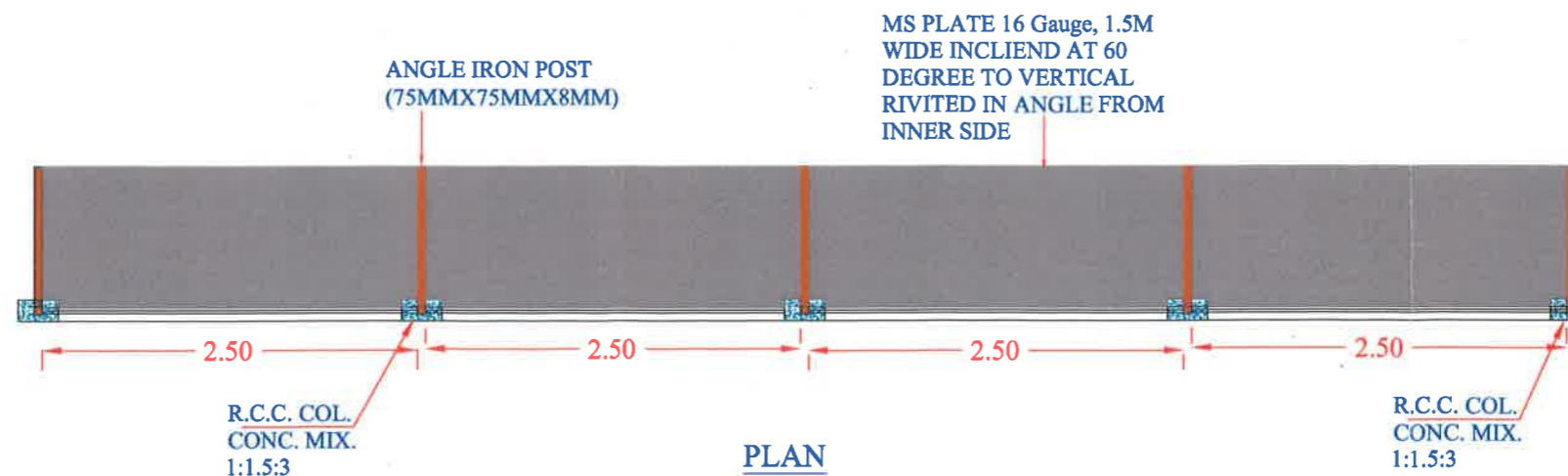


ELEVATION

SECTION OF EVERY ALTERNATE COLUMN



ISOLATED FOOTING SECTION OF EVERY ALTERNATE COLUMN



PLAN

PROJECT:-

NANDAN VAN ZOO & SAFARI,
NAYA RAIPUR

DRAWING TITLE:-

PLAN, ELEVATION & SECTION
OF CHAIN LINK FENCING FOR
BEAR SAFARI

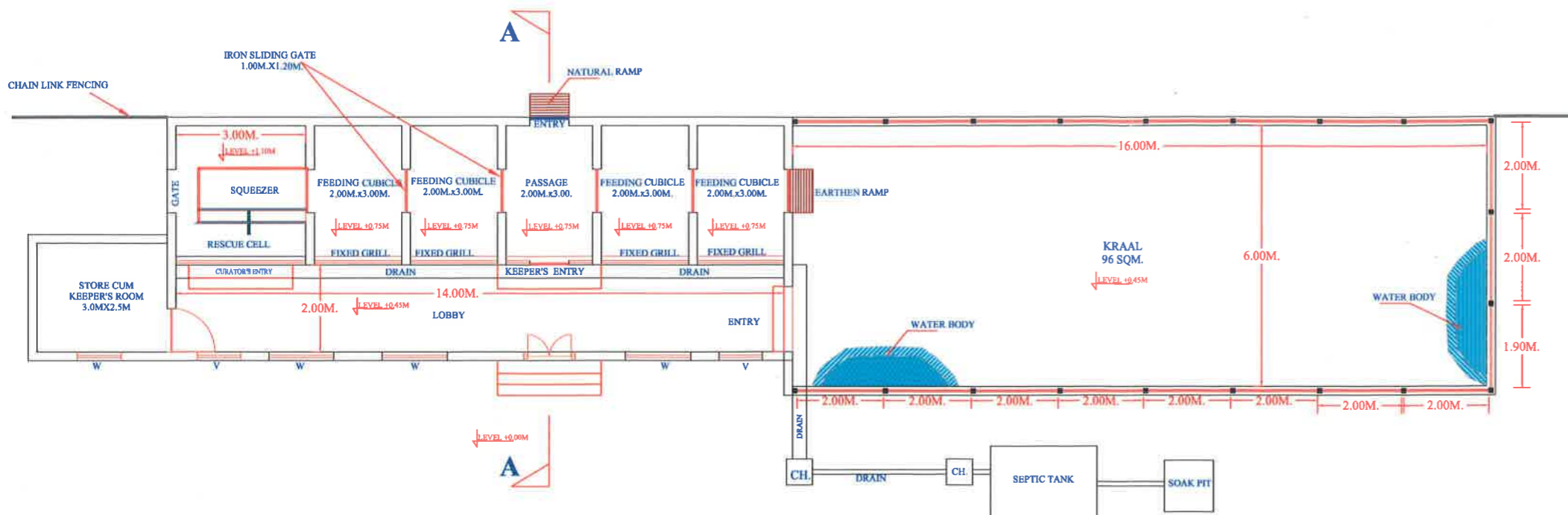
[Signature]
Asst. Dir. jungle Safari, Raipur

[Signature]
Dir. cum DFO jungle Safari, Raipur

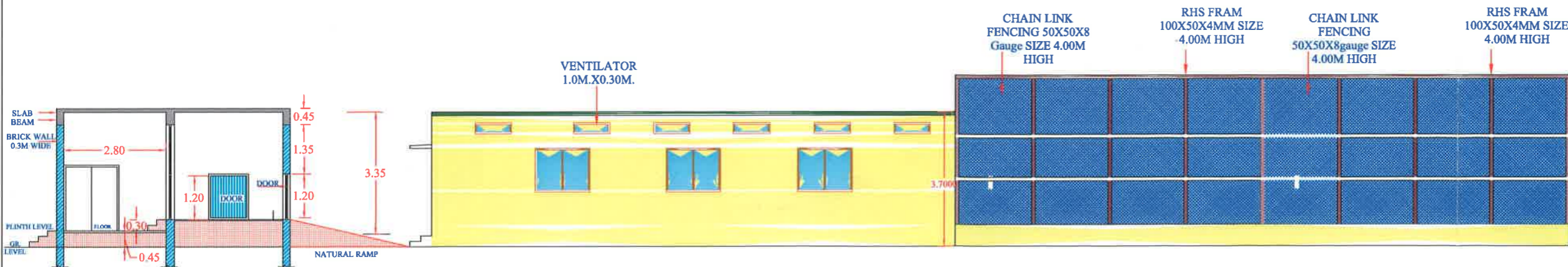
PLAN, ELEVATION & SECTION OF KRAAL FOR BEAR SAFARI, NANDAN VAN ZOO & SAFARI RAIPUR (C.G.)

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FEEDING CELL & KRAAL IN BEAR SAFARI



SECTION AA

FRONT ELEVATION

- STRUCTURES:-**
1. KRAAL - CHAIN LINKED (50X50X8gauge) FENCED KRAAL 96 SQM SIZE.
 2. FEEDING CUBICLE- 4 NOS. EACH 2MX3MX3M BRICK MASONARY STRUCTURE. ONE RESCUE CELL (3MX3MX3MX) WITH SQUEEZER.
 3. STORE CUM KEEPER'S ROOM - SIZE 3.0MX2.5M.

PROJECT:-
NANDAN VAN ZOO & SAFARI, NAYA RAIPUR

DRAWING TITLE:-
PLAN, ELEVATION & SECTION OF KRAAL FOR BEAR SAFARI

(Signature)
 Asst. Dir. Jungle Safari, Raipur

(Signature)
 Dir. cum DFO Jungle Safari, Raipur