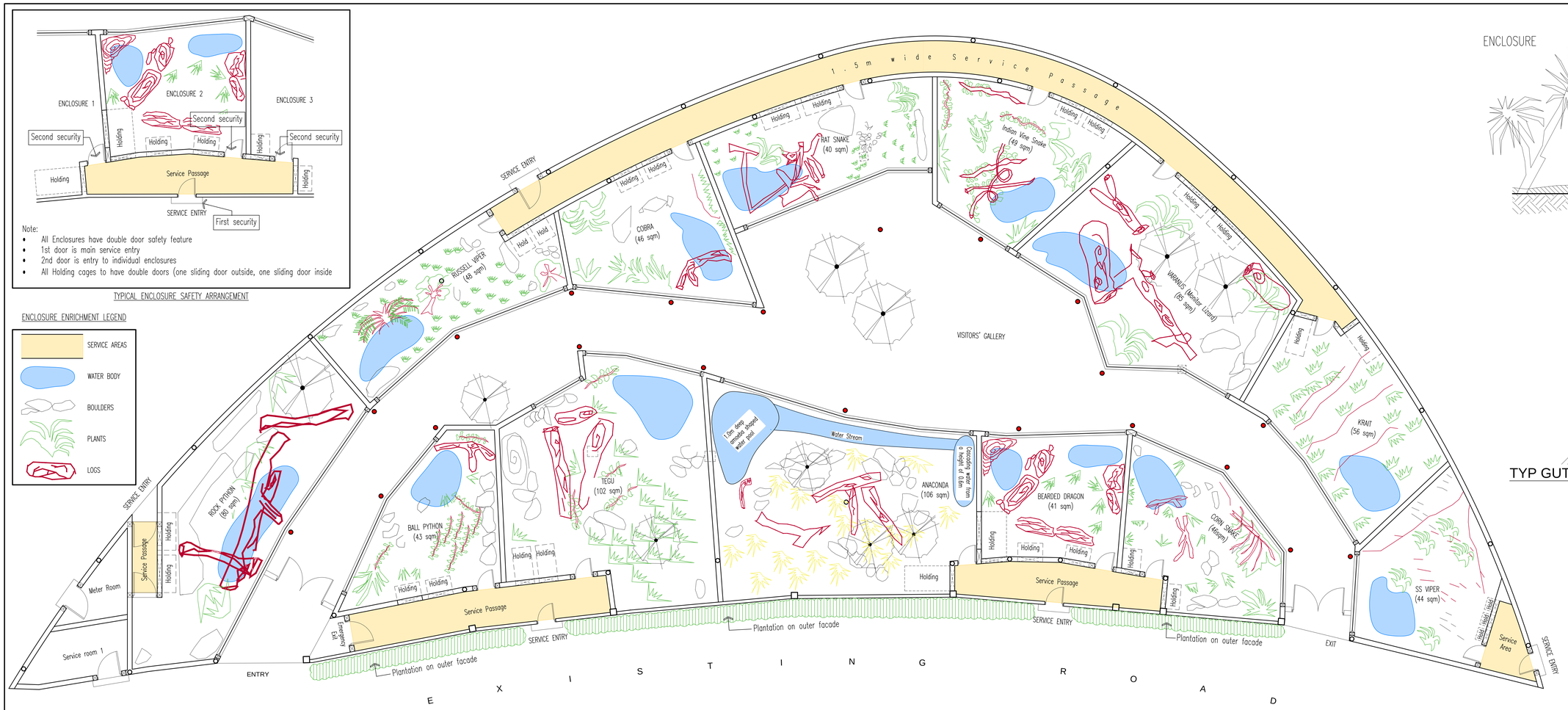


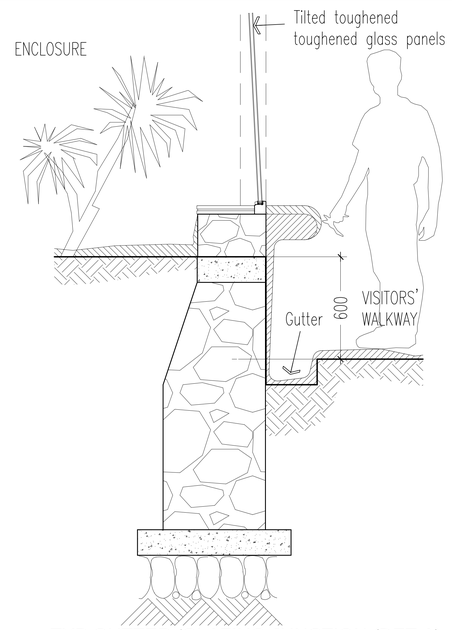
Note:

- All Enclosures have double door safety feature
- 1st door is main service entry
- 2nd door is entry to individual enclosures
- All Holding cages to have double doors (one sliding door outside, one sliding door inside

TYPICAL ENCLOSURE SAFETY ARRANGEMENT

ENCLOSURE ENRICHMENT LEGEND

- SERVICE AREAS
- WATER BODY
- BOULDERS
- PLANTS
- LOGS



TYP GUTTER /GLAZING JUNCTION (DET A)

The drawings of Reptile House to be constructed at the Sardar Patel Zoological Park, Kevadia, Gujarat was placed before the 106th Meeting of the Expert Group on Zoo Designing, Central Zoo Authority held on December 20-21, 2022. The observation on drawing was communicated to the Zoo vide letter dispatch no. I/38748/2023 dated 20.02.2023. The zoo submitted the satisfactory compliance to the observation vide e-mail dt. 12.05.2023.

Authenticated

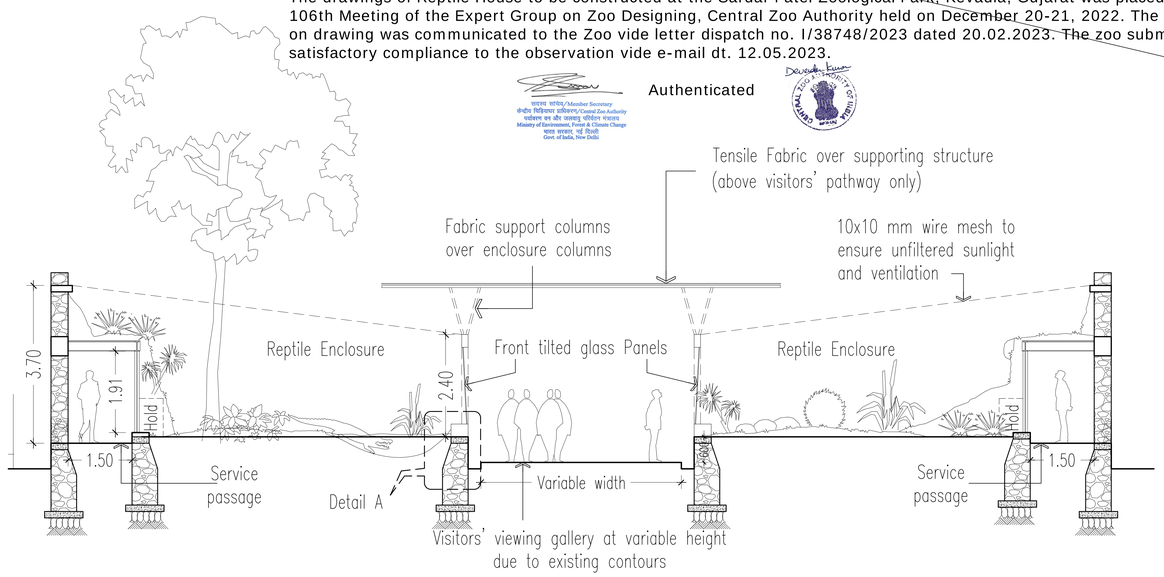
Specifications

Mesh: SS 304 10mmx10mm wire mesh 2mm thick

Glazing: 10mm thick laminated float Glass of approved make

LEGEND OF AREAS

	Species	Total area	No. of animals	Habitat type	Humidity	Water body	Water body type
1	Indian rock python	80 sq m	2.2	Rocky woodland	Moderate	8 sq m	Organic shape pool
2	Russell's viper	48 sq m	1.2	Forest floor	Moderate	4 sq m	Organic shape pool
3	Cobra	46 sq m	2.2	Grassland	Moderate	5 sq m	Organic shape pool
4	Indian rat snake	40 sq m	2.2	Agri-field	Moderate	5 sq m	Organic shape pool
5	Krait	56 sq m	1.1	Open scrubland	Moderate	4 sq m	Organic shape pool
6	Vine snake	49 sq m	2.2	Arboeal forest	Moderate	5 sq m	Organic shape pool
7	Saw scaled viper	44 sq m	3.3	Dry scrubland	Low	4 sq m	Organic shape pool
8	Monitor lizard	85 sq m	2.2	Woodland forest floor	Moderate	6 sq m	Organic shape pool
9	Anaconda	106 sq m	1.1	Amazon river basin	High	16 sq m	Cascading waterfall into a pool at exhibit glass
10	Corn snake	46 sq m	2.2	Woodland	Moderate	5 sq m	Organic shape pool
11	Ball python	43 sq m	2.2	Dry scrubland	Moderate	4 sq m	Organic shape pool
12	Bearded dragon	41 sq m	2.4	Rocky desert	Low	2 sq m x 2	Organic shape pool
13	Tegu	102 sq m	2.2	Rocky woodland	Moderate	8 sq m	Organic shape pool



CONCEPTUAL SECTION

CURATOR
DIRECTOR
ARCHITECT

Email:									
Email: M/s Soham, Rajiv	02/5	APP	R1	02/5	R1 revised in general				
2023									
Email: M/s Mehul, Soham	30/6	APP	R0	30/6	Original Issue				
CLIENT	:	:	:	2022		NO	2022		BY	CHK
PRINT ISSUED				DATE	FOR	REV	DATE	DATE		

IF THIS DRAWING IS USED / AMMENDED BY ANY AGENCY OTHER THAN SACPL , PLEASE FILL IN THE BLANK BELOW AND MARK WITH CLOUD THE AMMENDMENT.

AMMENDED BY:- _____

DATE :- _____

CLIENTS : SARDAR PATEL ZOOLOGICAL PARK, KEVADIA

PROJECT : PROPOSED SERPENTARIUM AT EKTA NAGAR, GUJARAT

ASSOCIATE ARCHITECT

Architect Madhoop Kumar

STRUCTURAL CONSULTANT

SACPL

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BUILDING	SERPENTARIUM		
DRG.TITLE	CONCEPTUAL LAYOUT		
NORTH	DRAWN :	JOB NO :	---------
	DSGN :	SCALE :	1:150
	CHKD :	DATE :	30-06-2022
	APPD :	QA/QC :	
DRG. NO:	K-101	REV. NO:	R-1

RELEASED FOR: ☐ DISCUSSION ☐ TENDER ☐ AS REQUIRED ☐ SUBMISSION ■ APPROVAL ☐ CONSTRUCTION