



**VEER SAVARKAR
UDYAAN PROJECT
– REVAMP & SOLID
WASTE
MANAGEMENT
INITIATIVE**





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- The site study and observations
- Community and user Survey
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The Road Map



LEAP 1

COMMUNITY SURVEY -SWM-

Understanding present knowledge, current situation of waste segregation and desire to participate

LEAP 2

COMMUNITY SURVEY REQUIREMENTS

Addressing/collecting current issues within the park and activity requirements from the people

LEAP 3

MUNICIPAL WARD LEVEL MEETINGS

Discussion at ward level, the issues to be addressed and upgradation required for the park area. Compliance w.r.t SWM

LEAP 4

ANALYSIS

Study, analysis and sorting of all data received



LEAP 5

CONCEPT DESIGN PROPOSAL

ACA research and design cell will put forward a master plan proposal with architectural design inputs

LEAP 6

ACA STUDENTS

Based on derived proposal by ACA research & design cell, ACA students will be put forward to detail out the ideas.

LEAP 7

SQUAD CHECK

All works will be checked and verified by the college project subject faculty and the Research-Design cell with the final approval of ACA Principal.

LEAP 8

SPONSORSHIP

Associating with vendors and companies for probable monetary sponsorships for execution purposes.



LEAP 9

COLLAORATIONS WITH ORGANISATIONS

Organisations working with recyclable materials, SWM, etc can collaborate for the execution.

LEAP 10

EXECUTION

With the possibility of approvals/safety measures, divided in groups, ACA students will carry out the execution of tasks under their identified scope of work

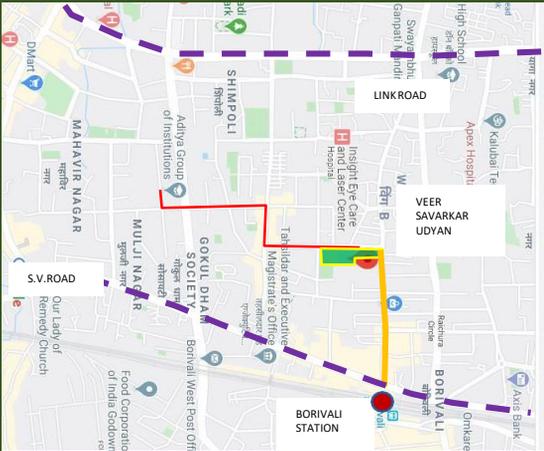
REVAMP OF VEER SAVARKAR UDYAN

This project involves the redevelopment, redesign, and upgradation of the Veer Savarkar Udyan in Borivali West.

The primary objectives of proposal are identified as:

1. Studying and documenting the park to understand the shortcomings and identify the areas that require intervention and creating a paper that documents the same
2. Redesign of the masterplan based on the feedback collected from the users.
3. Creation of a SWM strategy and make the neighbouring community aware of the benefits and use of the programme

Site Location



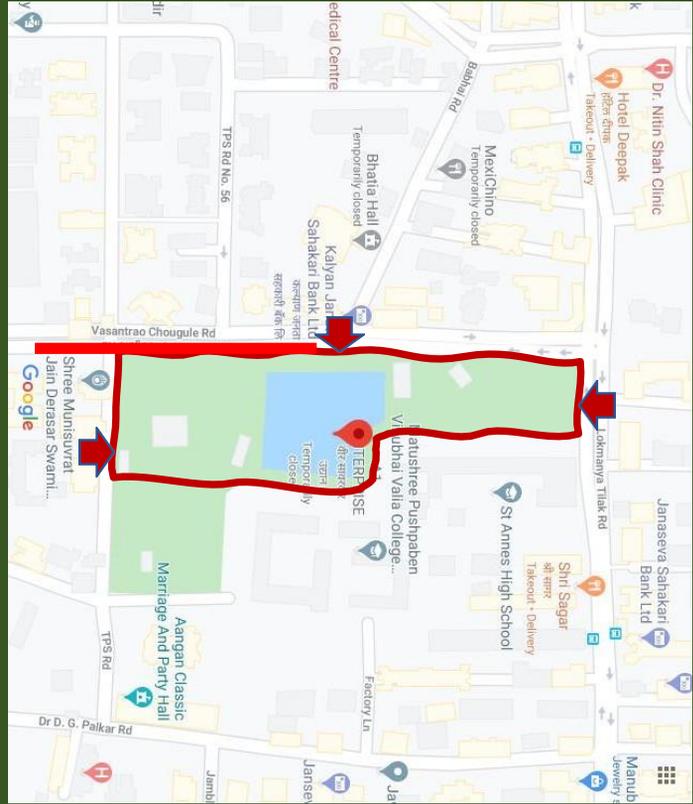
CONNECTIVITY

Distance from Borivali station - 1.6 km

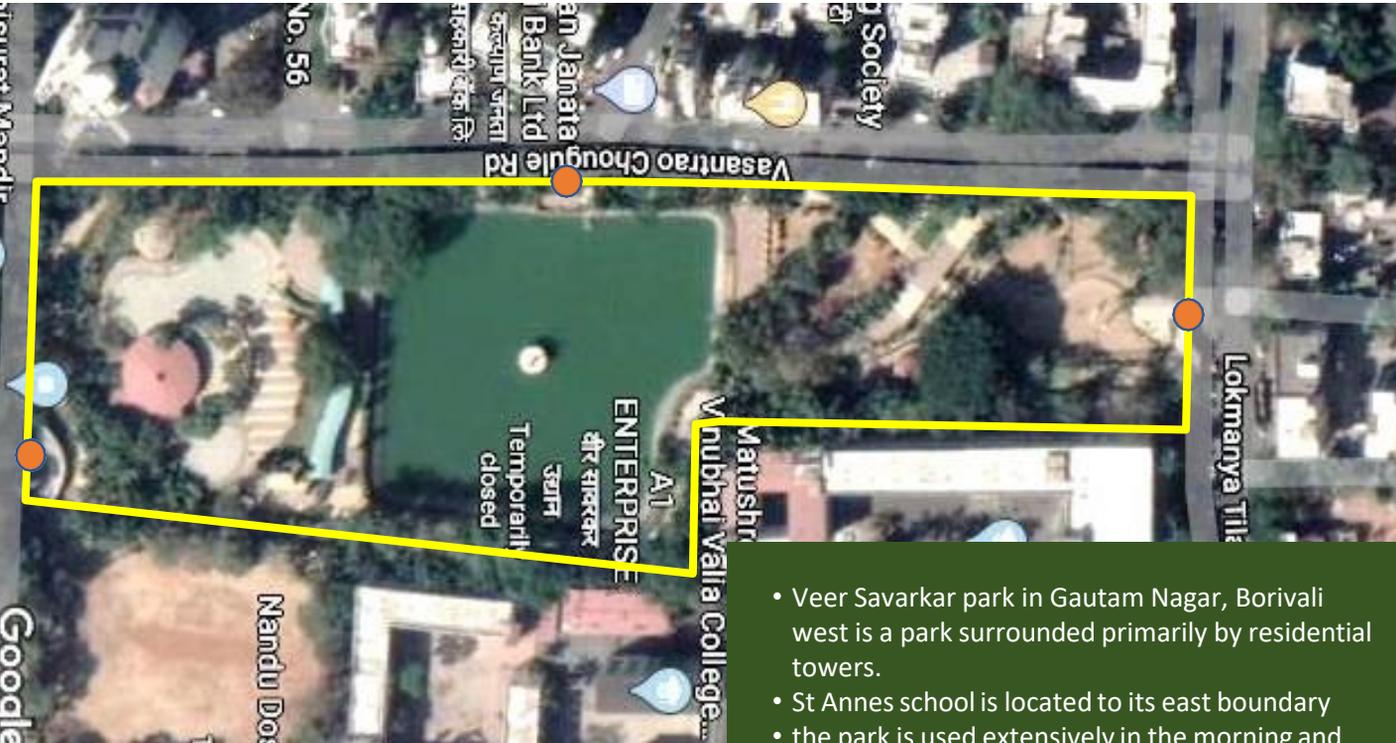
Directions to Veer Savarkar Udyan (Borivali West) with public transportation

The following transit lines have routes that pass near Veer Savarkar Udyan

Bus: [202 LTD](#), [210 LTD](#), [224](#), [226 LTD](#), [461 LTD](#)-(1), [710 LTD](#)



The Site



- Veer Savarkar park in Gautam Nagar, Borivali west is a park surrounded primarily by residential towers.
- St Annes school is located to its east boundary
- the park is used extensively in the morning and evening by the surrounding residents and the design provides recreation to all age groups



Site Study



Site Study



Design Strategy, Community and Ecology

Aim of the exercise is to design a master plan that caters to **all age Groups** and considers the following parameters:

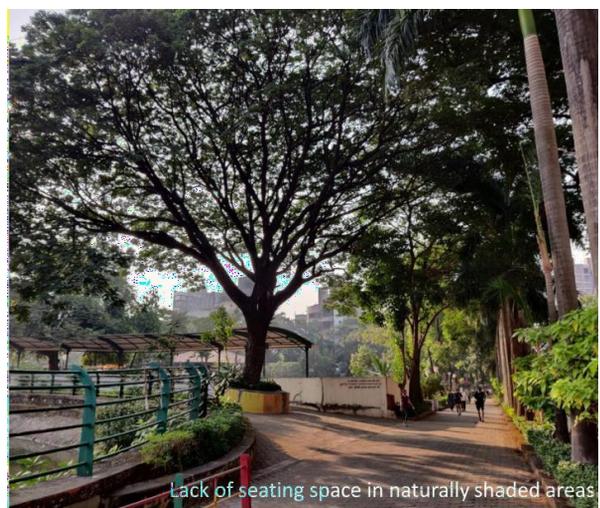
- Engages with the community to derive a revised brief by conducting surveys
- Creates spaces that encourages mental physical and spiritual wellness of an individual
- Inculcates a sensitivity towards the environment within the community
- Introduces a solid waste management programme that benefits the community and the micro-environment.
- Understands the current facilities that need to be provided in the park and creating a space relevant to all age groups
- Involves the Upgrading of the existing facilities
- Creates outreach programmes that help the community interaction and create awareness about environmental issues
- Ensures that the spaces created are self sustaining and well maintained



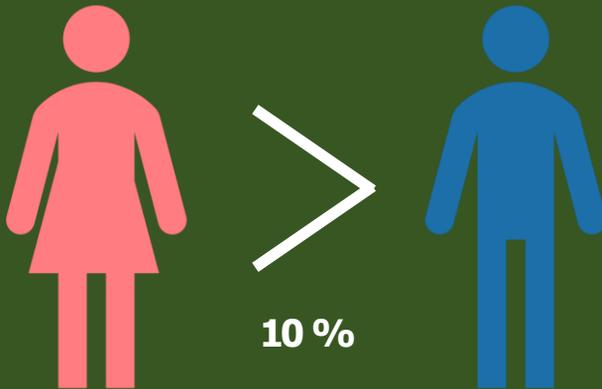
REVAMP OF VEER SAVARKAR UDYAN

PROCEDURE:

1. Site Visit and Site Study
2. Creating questionnaire for physical and online study
3. Obtain database for survey
4. Conduct online survey through students
5. Conduct physical online survey by faculty
6. Analyze the data
7. Determine the programme
8. Faculty to design masterplan on basis of survey
9. Present to client and revise till approved
10. Assign redesign components to student groups to take up each area for detail design and SWM
11. Look for sponsors for street furniture and providing recycled/reused materials
12. Present entire scheme (masterplan + detail design) to all stake holders for feedback
13. Revise as per feedback and commence actual work on site.



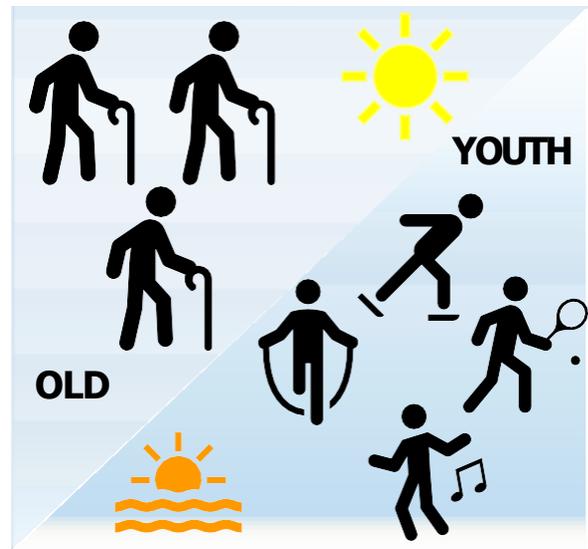
Survey Response Inference



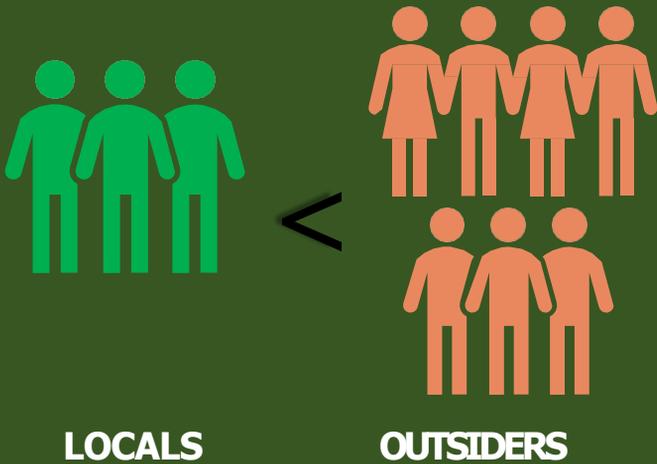
Female respondents are 10% more than male respondents.

Majority of respondents are young & actively participate in the usage and review of the VSU premises.

Senior citizens use the park in the early morning hours whereas the younger people prefer going there during evenings.



Respondents did not have any physical disabilities, including their family members, as per the survey.



Many Respondents are not local (Borivali) and have listed their area of residence 'OTHER'.

Survey indicates a ratio of 60 – 40 of Local vs Other areas

Primary activities include fitness (walking, jogging, running, cycling) and recreation (lounging, sitting & bird watching).



PRIMARY ACTIVITIES



Responses indicate that the awareness about VSU is lesser amongst the local residents than amongst outsiders

Majority of the respondents appear to be satisfied with VSU



RESPONDENTS ARE SATISFIED WITH VSU

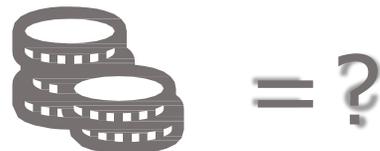


ONLY PART RENNOVATION IS EXPECTED BY USERS

Majority of the respondents expect partial renovation work necessary for park upkeep.



Fee structure needs to be reviewed since there is significant variation in the responses.



AS PER SURVEY FEE CAN BE REVIEWED



Majority of the respondents were aware of the availability of washrooms.



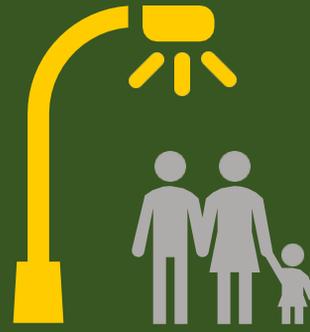
Majority of the respondents are not using the toilets

Majority of the respondents expect better hygiene and cleanliness in the washrooms



**RESPONDENTS EXPECT
HYGIENIC & CLEAN TOILETS**

Majority of the respondents expect better artificial lighting conditions.



**SURVEY BASED SPECIFIC
ACTIVITY INSERT**

Respondents expressed their needs and dedicated activity spaces and requirements

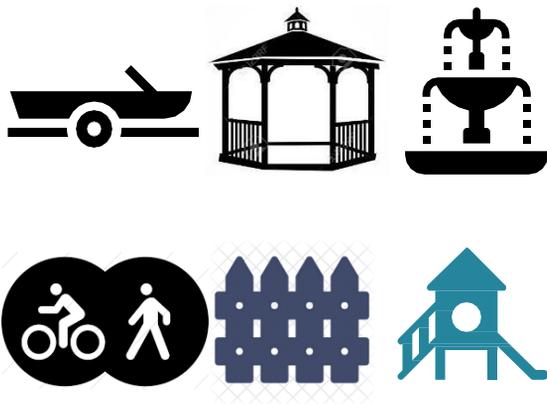
Separate cycling track needs to be provided to ensure safety of all user & adequate measures need to be planned for controlling pests and insects.



**SEPARATE TRACKS &
CONTROL PESTS**

Adequate planting needs to be provided to create buffer on the periphery to prevent outside noise.

Quite areas need to be designate within the park to minimize disturbance to passive activities.



As per the responses the primary areas that require revamp are Seating, water body & vegetation.

Additionally, pathways, railings, gazebos & kids play areas also require upgradation

INFERENCES

- As per responses adequate awareness of SWM is present amongst the respondents but implementation is poor.
- Strategies for better public private partnership and involvement of local residents need to be implemented since the people are willing to participate as per responses received.

Survey Inference – At a Glance

S. NO:	OBSERVATIONS	INFERENCES	SUGGESTIONS
1	Female respondents is more than 10% greater than male user group		
2	Predominantly the younger generation are actively participating in the usage and review of the VSU premises. The park is majorly used by the senior citizens in the early morning hours whereas the younger people prefer going there during evenings.		
3	Majority of the users are not local and have listed their area of residence 'OTHER'.	Since the users agree predominantly college going age group they may be studying at institutes located near VSU and are visiting before or after college hours.	Study group facilities can be provided.
4	Currently none of the respondents and their family members are having any disabilities	Starting from the main entry the park requires universal design strategies to be implemented	
5	Primary activities fitness (walking, jogging, running, cycling) and recreation (lounging, sitting & bird watching)		To be encouraged
6	The awareness about VSU is lesser amongst the local residents than amongst outsiders		
7	A majority of Locals rarely visit the park		To draw more people towards the park
8	Majority of the respondents appear to be satisfied with VSU		
9	Fee structure needs to be reviewed since there is significant variation in the responses.		
10	Majority of the respondents were aware of the availability of wash rooms		

S. NO:	OBSERVATIONS	INFERENCES	SUGGESTIONS
12	Majority of the respondents expect better hygiene and cleanliness in the washrooms		
13	Majority of the respondents expect better artificial lighting conditions		
14	As per responses, very few accidents were reported. The ones that are reported are primarily with regard to cycling, tripping and animal/insects issues.	Separate cycling track needs to be provided to ensure safety of all user & adequate measures need to be planned for controlling pests and insects.	
15	Majority responses are positive towards developing parts of the Park rather than the whole.		
16	As per the responses the primary areas that require revamp are Seating , water body & vegetation. Additionally pathways, railings, gazebos & kids play areas also require upgradation		
17	Predominantly the responses show that the park is safe and the primary nuisance is noise.	Adequate planting needs to be provided to create buffer on the periphery to prevent outside noise and quite areas need to be designate within the park to minimize disturbance to passive activities.	
18	The respondents have shown interest in the inclusion of specific activities such as yoga & laughter clubs as well as music and dance groups	Designated zones for quite activities to eb provided separate from other loud activities.	

VSU – SWM - Survey Responses

As per responses adequate awareness of SWM is present amongst the respondents but implementation is poor. Strategies for better public private partner ship and involvement of local residents need to be implemented since the people are willing to participate as per responses received.

Also provision of SWM within the premises of VSU is recommended.

The Proposal

AIM:

- To create activities in the park to encourage its use by all age groups, especially the youth between 13-19 years of age.

Age Group 3-10

- Better more exciting play equipment
- Bicycle/tricycle loop



Age Group 13-19

- Rock Climbing



Age Group 60+

- Reading areas
- Board game areas
- Reflexology



Community Facilities:

- For Skating classes
- Dance and music facility
- Holding drawing competitions
- Interactive games



General suggestions:

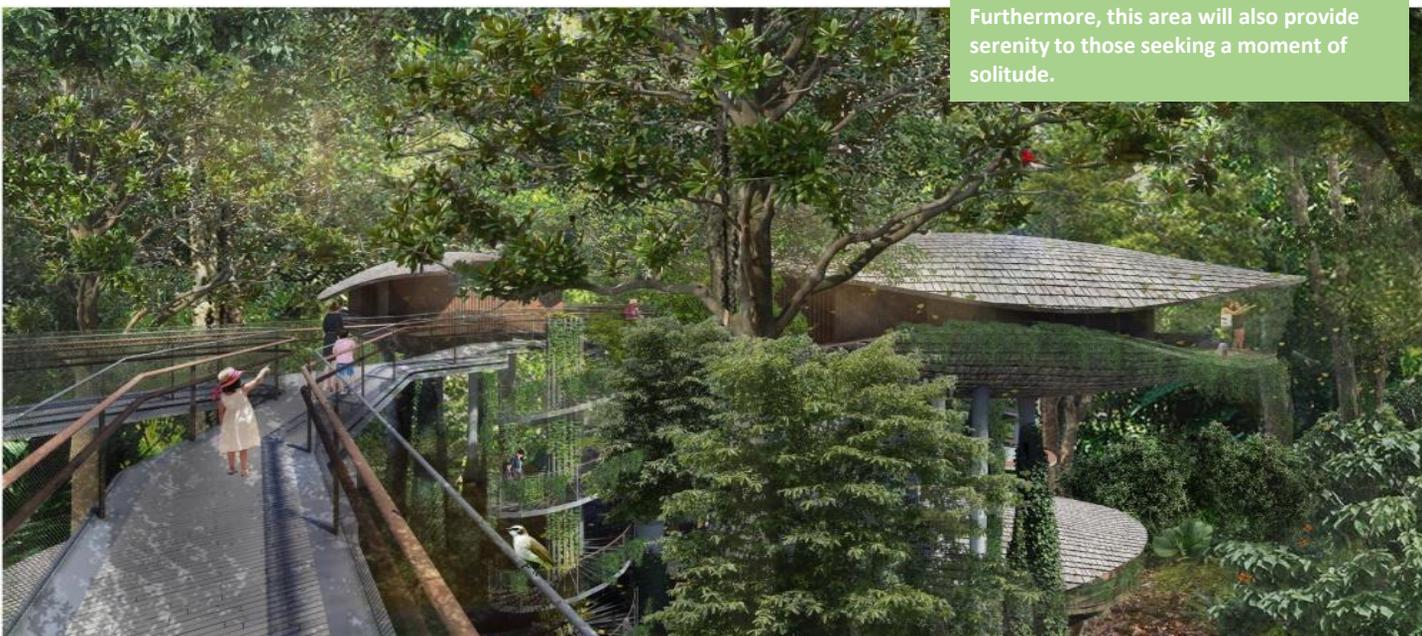
- Benches and better street furniture
- Better lighting and signage
- Better equipped Open gym
- Amphitheatre, solar trees
- energy saving measures
- Herbal garden
- Solid waste management



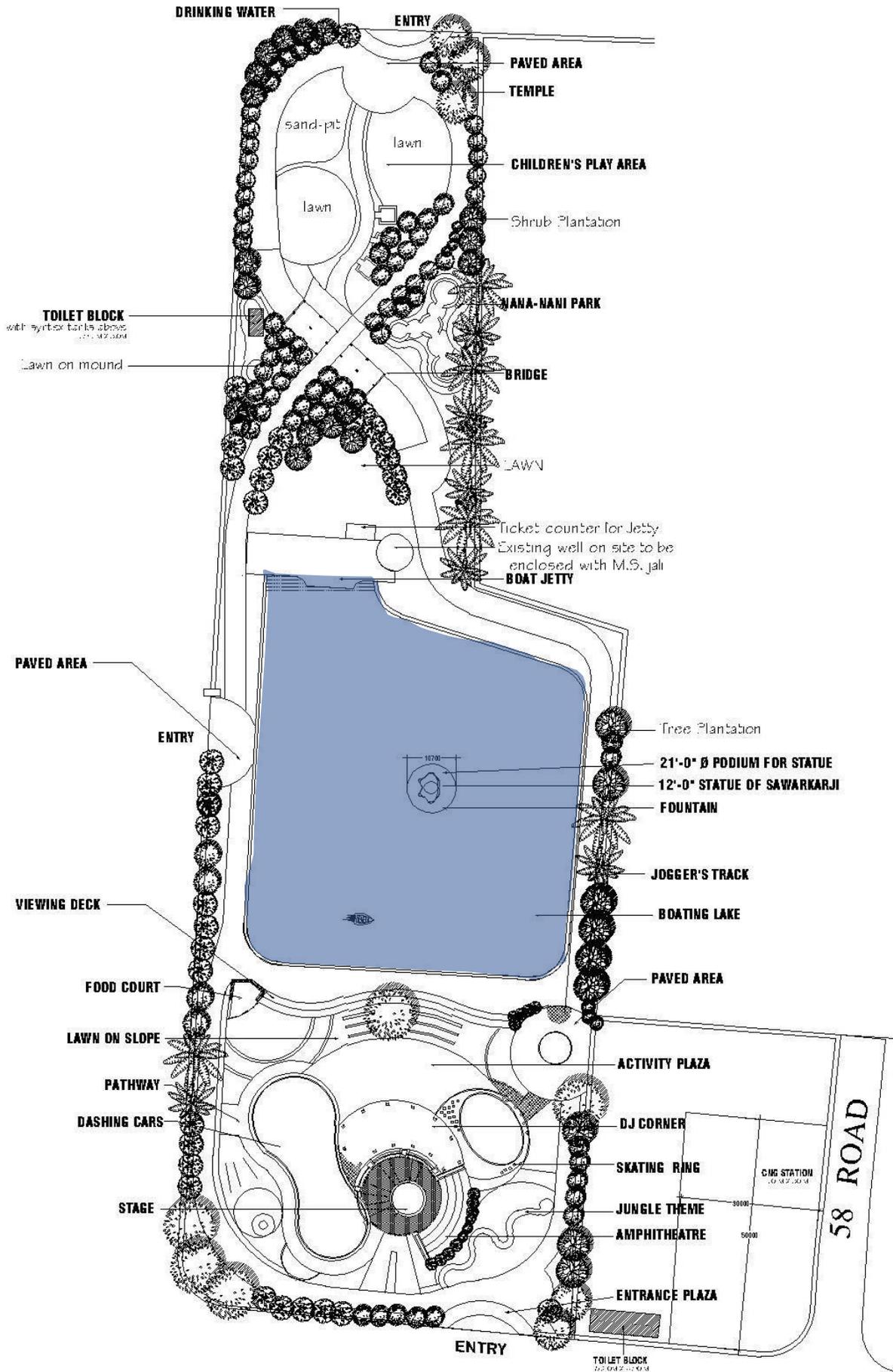
alamy stock photo

The creation of a large eco zone is proposed that showcases different varieties of indigenous trees is proposed. The zone will attract a variety of bird and insect species which can be viewed by school students on an excursion. Furthermore, this area will also provide serenity to those seeking a moment of solitude.

Eco- Zone



Existing design



Proposed Zoning



SOLAR POWER LIGHTS WILL BE ADDED ALONG THE WALKWAYS



SPACE FOR SOUND AND LIGHT SHOW ADDED



VEER SAVARKAR EXHIBITION INFORMATION/FILMS ADDED AS ACTIVITIES IN THE ECO TRAIL WITHIN THE PAVILION



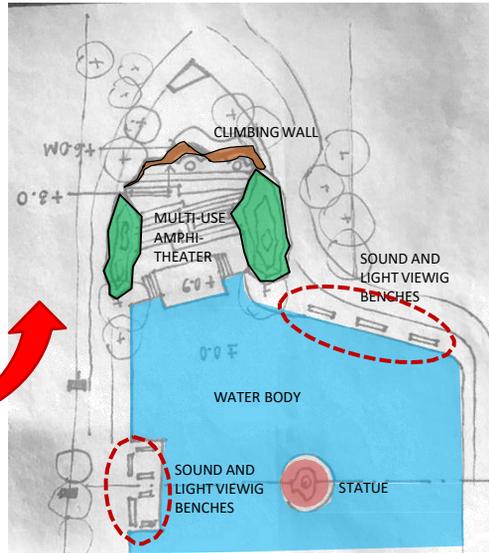
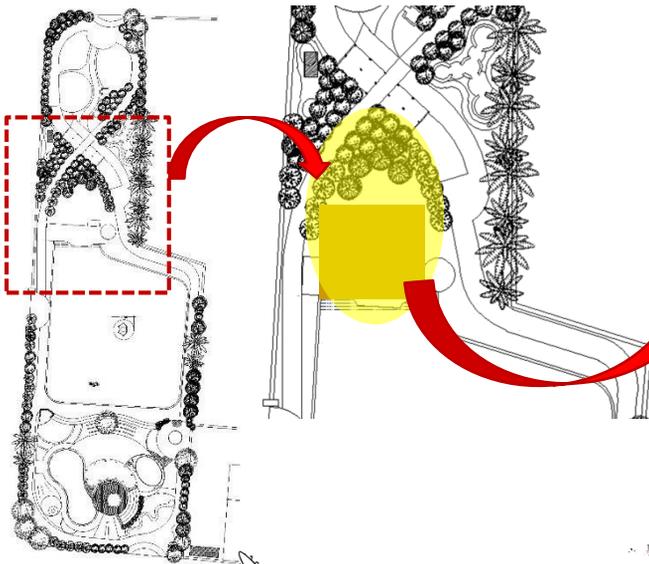
Proposed Ideas



SKETCH OF AMBHI-THEATRE



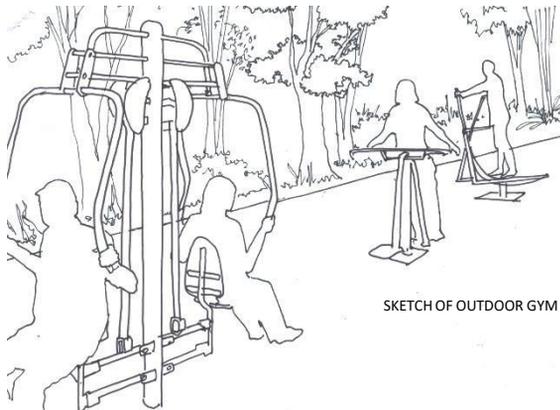
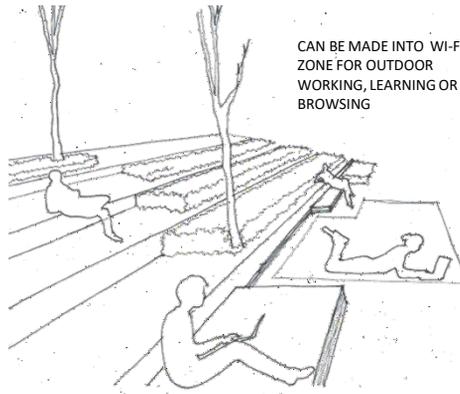
SKETCH OF CLIMBING WALL



ACTIVITIES IN THE AMBHI-THEATRE- SMALL BADS AND CONCERTS



CAN BE MADE INTO WI-FI ZONE FOR OUTDOOR WORKING, LEARNING OR BROWSING



SKETCH OF OUTDOOR GYM

