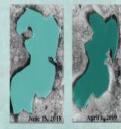
Students will engage in a comprehensive exploration of planting systems, horticulture, and landscape construction as they develop innovative design solutions. Through a series of landscape design studio projects, students will create detailed landscape construction sheets that showcase their understanding of both aesthetic principles and functional, sustainable planting systems. The projects will focus on integrating horticultural knowledge with design creativity, allowing students to develop planting schemes that enhance environmental quality while meeting practical needs. Students will also be required to produce comprehensive design documents, including planting plans, technical drawings, and material specifications, demonstrating a deep understanding of plant selection, soil management, irrigation systems, and construction techniques. The outcome should reflect a holistic approach to landscape architecture, where form, function, and sustainability converge.

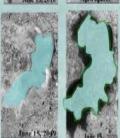


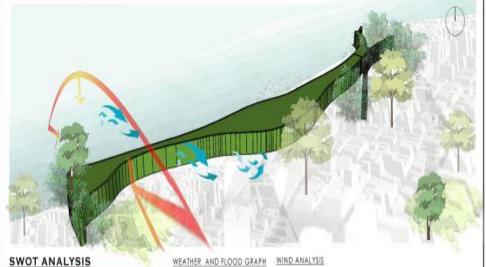
WHERE LAKE MEETS LANDSCAPE

TAME RADU TAME RADU THENNA! RULL RETAILS ARE SENIA ADM ACRES 40 74 ACRES HISTORY

The Pulhal reservoir was built in 1876 during the British rule in Pulhal. Chennal, The reservoir was originally a small tank with a co-pacity of 500 million cubic feet (mcH) and two masonry weirs, built using locally available laterite stones, then functioned as surplus weirs to release excess water from the water body.







Strategic Location

Acessibility from 50m wide road throughout its stretch on side and puzhal river on the other side

Excellent connectivity

Less biodiversity

tourism and inland waterways

River stretch can act as an integral part of landscape

over human attraction might increase the level of pollution to site.

enhancing the biodiversity , restoring the lost natural habitat

Served Terroragio hald Chronic David (Maries Laine

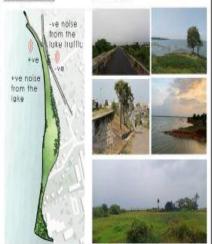
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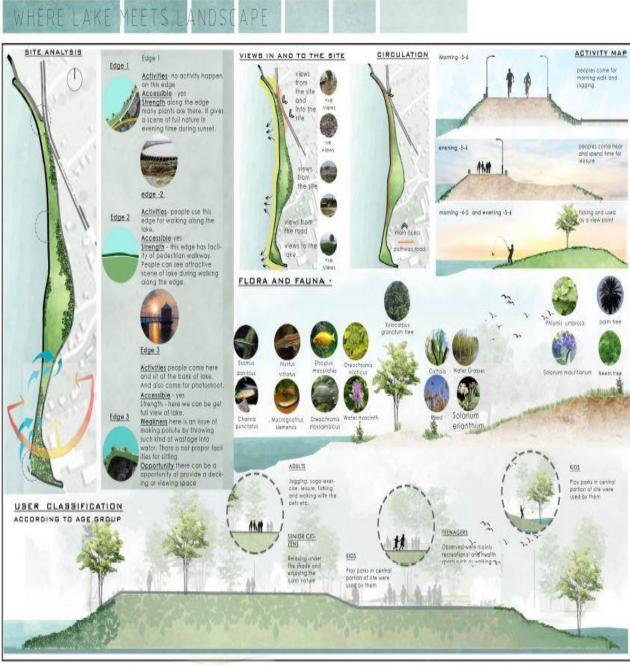
The wind direction depicts that for around 8 months of the year the site experiences, winds coming from southwest direction , while in winter the winds fed to blow from the northern direction.

the site landscape will be planned taking sun path into consideration as well.

NOISE ANALYSIS

SITE PHOTOS





NAME : SHARANNIYA RAIFFV ENROLL:NO: 221612101009 DR:MGR EDUCATIONAL AND RESEARCH INSTITUTE SITE - STUDY

NAME SHARANNIYA RA IFFV ENROLL:NO: 221612101009 DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE

BUTTERFLY MAZE Butterflies are not only fun to worlch but also serve a critical purpose since they can help plants reproduce, which helps strengthen ecosystems and naintain He-sustaining biological diversity in nature, Landscape here, such as green trees, colorful flowers, and butterflies, since they are essential in deoing people's physical and mental health.

WHERE LAKE MEETS LANDSCAPE

GREEN MIRACLE

WORKING AND LIVING TOWARDS A COMMON GREEN FUTURE

BRINGING BACK THE FOREST

Bringing the forest back to the city is a concept known as urban reforestation or urban forestry. It involves intentionally reintroducing trees and forested areas into urban environments to enhance blodiversity, miligate the urban heat island effect, improve air quality, provide habitat for wildlife, and offer recreational apportunities for

WHAT MAKES IT DIFFERENT

TO CREATE BIODIVERSITY

Whereas we can see in other gardensnar any other parks that the effort is to put the plants which are arnamental , which will be selecting according to the beuty flowering insture of growing

that help improve air quality, provide habitat for wildlife, offer recreational opportunities, and contribute to the averall aesthetics and quality of life in urban environments.

Biodiversity Conservation: Urban green spaces provide habitat for a variety of plant and animal species, promoting biodiversity within cities, They also serve as important carridors for wildlife movement and contribute to the preservation of ecosystems in urbanized areas.



| SPONGE The Sponge City concept refers to an urban planning and design approach aimed at addressing issues related to water management, particularly in the context of urban areas.

WHY DO WE NEED IT ?

As the climate is extree weather like heavy rainfall and draught it has became cruciel to interact flood water management systems in relief from urban heat The IDEA -RETENSION OF WATER ANNO REUSE OF RAIN-WATER

As the name the city works like a sponge for rainwater Sollution to flooding and a sustainable approarch to urban developnemnt

The greenway absorbs and purified rainwater as and infilterate the ground



Pavement material can be taken as paraus material ,so when it rains we can still walk in this pavement when there is rainfall it absorbs the water. it can also release the water it has stored through special modules

the idea is to use the stored water in the modules and by using sprinkling system where water collected from sponge modules is used to irrigate nearby

To mitigate flooding, water pollution VISION AND PRICIPLES We cab reuse 70% of rainwater by

Pollution problems can be solved by

and water scarcity



ALLOWING THE EARTH TO ACT AS A

The sponge city concept focuses on

turning GREY INTO GREEN , bringing

with urban surroundings .. Welcom-

ing the water instead of holding it

back nature and intertwinning it

SPONGE



RESTORING BIODIVERSITY HUMAN NATURE INTERACTION

Nature-Based Recreation and Tourism: Develop nature-based recreation and ecotourism oppor funities that allow people to experience and appreciate biodiversity firsthand. Offer guided nature walks, birdwatching tours, wildlife safaris, and eco-adventures that promote environmental awareness and conservation ethics.







WILDLIFE COMING BACK TO THE SI

CONCEPT - SENSE OF HUMAN

In urban environments, flyovers are often seen as dead or neglected spaces. However, by activating such spaces through innovative design, we can transform them into vibrant public realms. This project focuses on creating a sensory garden under a flyover, reimagining a typically underutilized space into a dynamic, inclusive area that stimulates the five human senses-sight, sound, smell, touch, and taste.



By considering these sensory aspects, the design aims to create an immersive, multi-sensory experience that enhances urban life, offering a retreat from the hustle and bustle of city surroundings. This approach not only revives neglected areas but also promotes well-being, social interaction, and environmental awareness.

These sensory elements in landscape design aim to create a holistic and immersive experience, transforming the space beneath a flyover into a welcoming, multi-sensory environment that contrasts with the otherwise industrial surroundings.



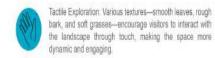
Bright, colorful plantings and art installations transform the space, creating a visually stimulating environment. Lighting features add to the aesthetic at night, enhancing safety and



Auditory Soothing: Water features and rustling plants, like bamboo or wind chimes, mask urban noise, providing a calming auditory experience that brings nature's tranquility into the space.



Edible Engagement: Edible plants, like strawberries and herbs, allow visitors to engage through taste, creating a sense of nourishment and connection with the landscape, while promoting community interaction.









TAXABLE PARTERNAMENT OF THE PARTER NAMED IN

Varied textures in seating, plant life. and surfaces encourage tactile exploration, making the space!



and pleasant environment.





the sense of smell, creating a calming installations, and lighting enhances



SIGHT

Fragrant flowers and herbs engage! The use of vibrant plantings, art! the visual appeal and transforms the gray, industrial environment into a 1-----

.....









PROPOSED VIEWS















Edible plants or fruit trees can invite people to engage with the space through taste, offering a sense of nourishment and community.



TOUCH

Varied textures in seating, plant ilife, and surfaces encourage tactile exploration, making the space interactive.



SOUND

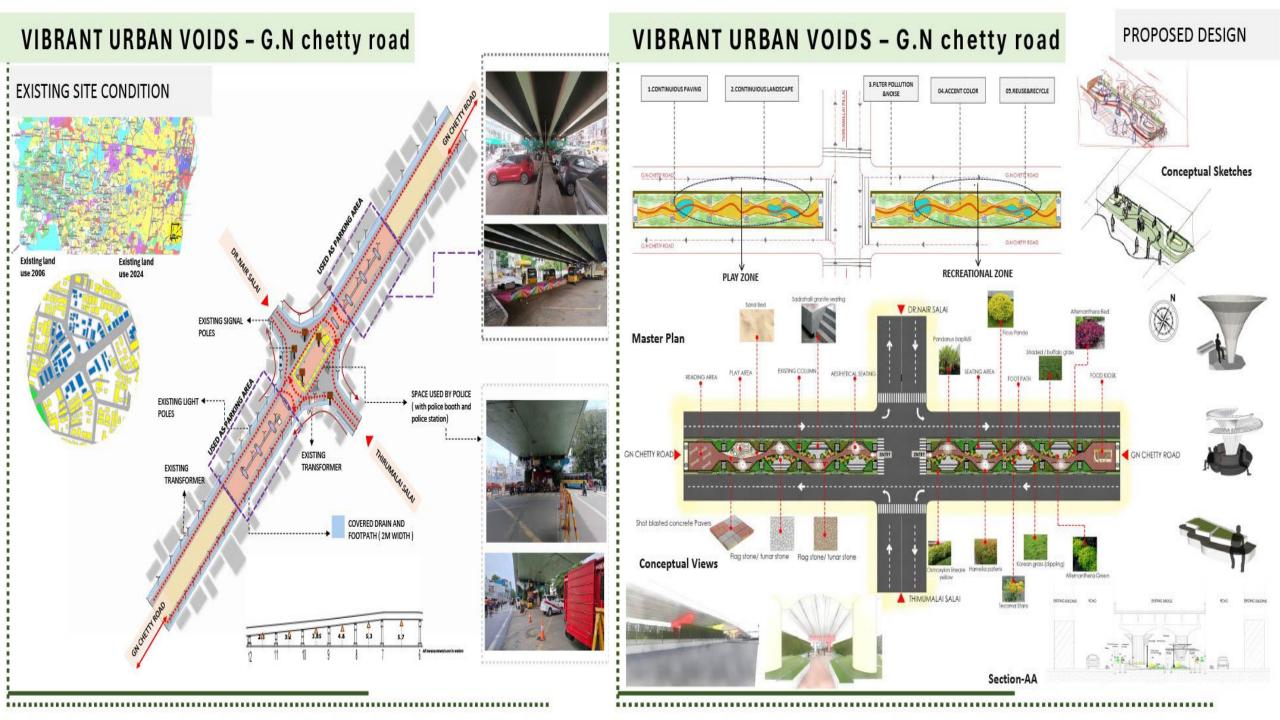


Strategically placed water features,

wind chimes, or ambient music

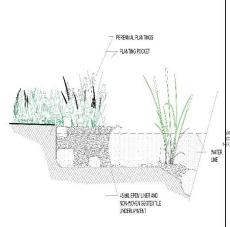
installations introduce soothing sounds that mask the noise of the city.



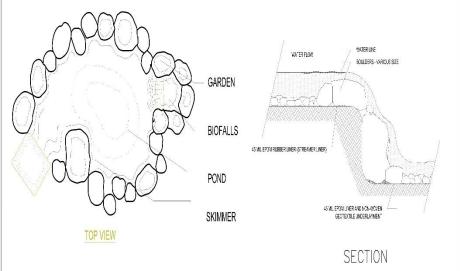


ROCK POND

When water flows over the earth, it strips the soil, exposes the rocks and gravel below, and creates waterfalls. A rock pond attempts to recreate this natural landscape, although on a much smaller scale.

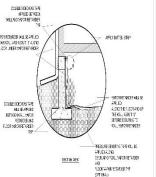


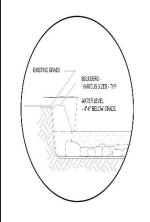
ELEVATION



WATER FEATURES

DETAILS





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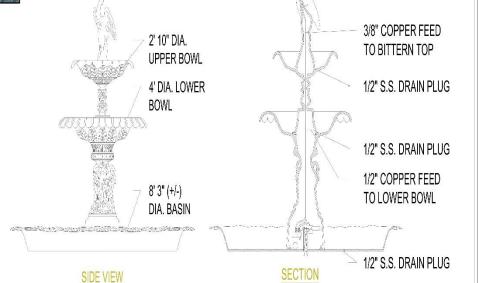
WATER FOUNTAIN



BRASS

Brass will not rust. Moisture on brass causes a chemical reaction that gives brass its verdigris patina. An outdoor setting will only enhance the finish of your piece.

1/4" COPPER LINE (FRESH WATER IN) MANIFOLD / VALVES LITTLE GIANT MODEL #4E-34h RECIRCULATING PUMP FLOAT VALVE ACCESS THRU OPENING AT BASE 3/8' ANGLE CLIPS WELDED TO CAST IRON BASE 9/16" DIA. DRILLED CLEARANCES FOR 1/2" DIA. THREADED STUDS.



1/2" S.S. THREADED STUD (FOR ANCHORAGE)

FOUNTAIN FOOTPRINT 1/2" S.S. DRAIN PLUG

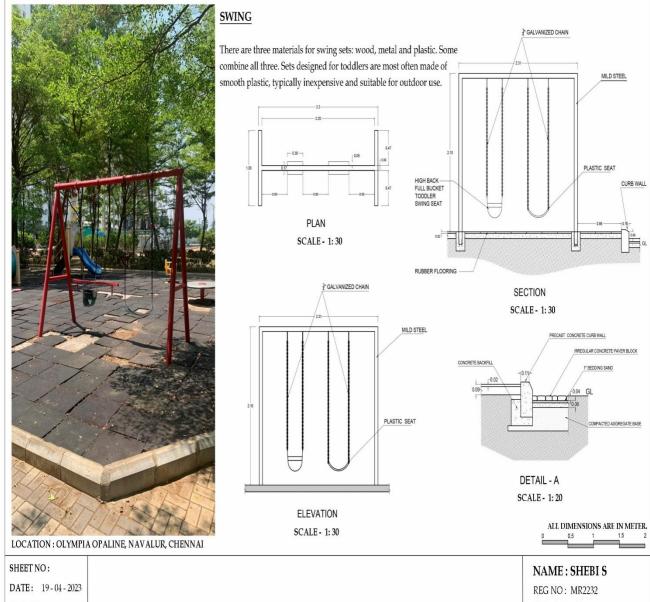
WATER FEATURES

NAME: SHARANNIYA RAJEEV REG.NO: MR2214

YEAR - 1 / SEM - 2







PLAY AREA EQUIPMENT

SUBJECT:

ADVANCED

LANDSCAPE

CONSTRUCTION II

M.Arch Landscpe 1st Year; 2nd Sem Dr. M.G.R Educational & Research Institute