

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/271700224>

Architectural Portfolio

Conference Paper · May 2014

CITATIONS

0

READS

112,989

1 author:

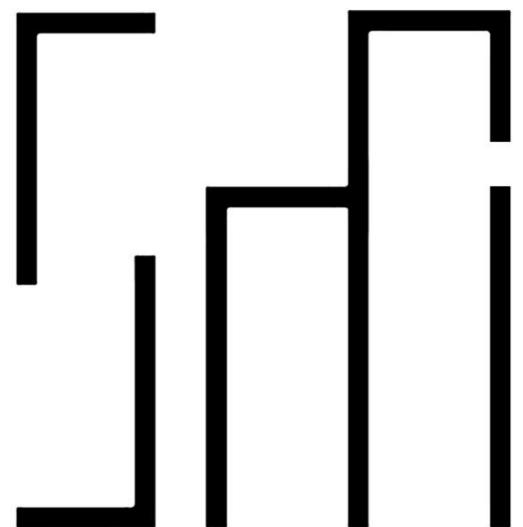


Srivani Manchala

ArcZero P/L

7 PUBLICATIONS 0 CITATIONS

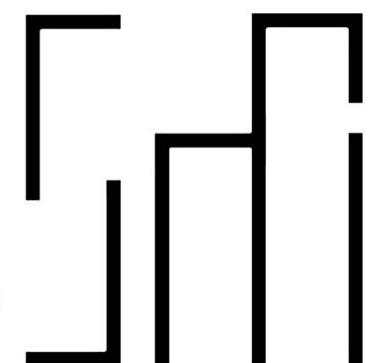
SEE PROFILE



SRIVANI MANCHALA
DESIGN PORTFOLIO



•
•
•



SRIVANI MANCHALA
DESIGN PORTFOLIO

01

CENTER FOR AUTISM



PROJECT TITLE : CENTER FOR AUTISM

PROJECT TYPE : THESIS PROJECT (STUDIO)

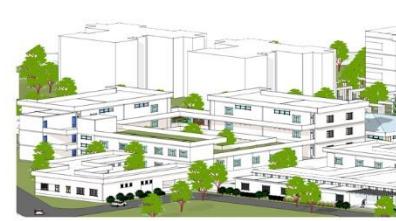
PROJECT DURATION : FOUR MONTHS

LOCATION : HYDERABAD, INDIA

DESCRIPTION :

1 IN 88 IS THE OCCURENCE OF AUTISM IN INDIVIDUALS YET THERE IS VERY LITTLE ARCHITECTURAL INTERVENTION. THIS IS LIVE PROJECT BY CFA (CARE FOR AUTISM) AN NGO IN HYDERABAD IN 10 ACRES MANGO PLANTATION FARM LAND. THE CENTER COMPRSES OF VARIOUS BLOCKS SUCH AS ADMIN, PRIMARY, SECONDARY, VOCATIONAL TRAINING, HEALTH CLINIC, HOSTEL AND DINING AND CAFETERIA WITH VARIOUS OUTDOOR OPEN SPACES FOR THEIR SENSORY INTERGRATION- SENSORY GARDEN, WATER THERAPY ETC. ALL THE BLOCKS ARE OF VARIOUS HEIGHTS, COLOUR CODED, DIFFERENTIATED BY THE TYPE OF DOORS, WINDOWS, COLOURS AND TEXTURES. ONE VISUAL PATHWAY LEADING TO ALL THE BLOCKS; MINIMUM NUMBER OF CORRIDORS FOR REDUCED DISTRACTIONS. EVERY CLASSROOM OPENS INTO OUTDOOR PLAY AREA. IT IS 1 N 1/2 BRICK, RAT TRAP BOND CONSTRUCTION FOR RESPONDING TO THE CLIMATE, TERRACED ROOF.

SITE PLAN AND VIEWS

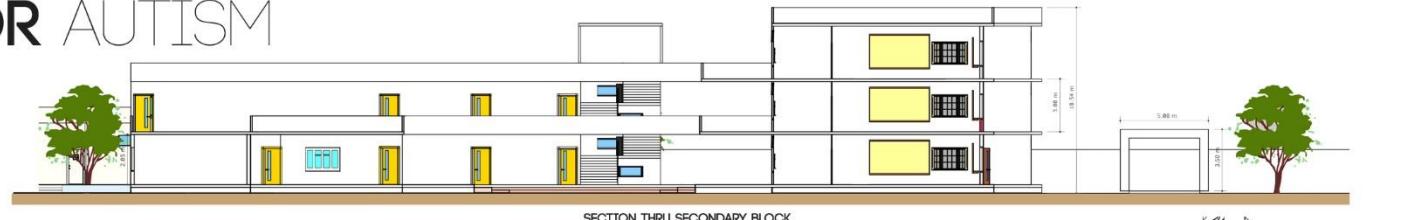


OM

CENTER FOR AUTISM



INTERIOR VIEW OF SECONDARY BLOCK AND PRIMARY BLOCKS



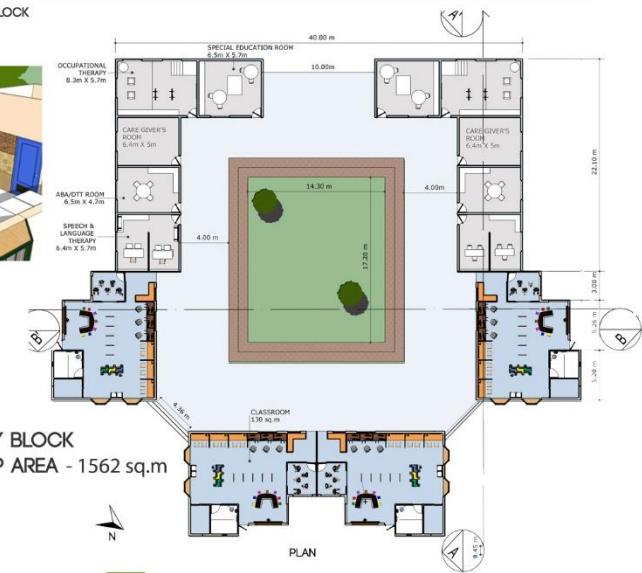
**SECONDARY BLOCK
BUILT UP AREA - 2740 sq.m**



VIEW OF A TYPICAL PRIMARY CLASSROOM



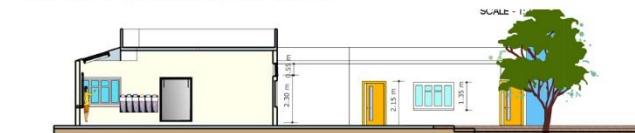
VIEWS OF A TYPICAL SECONDARY CLASSROOM



PRIMARY BLOCK
BUILT UP AREA - 1562 sq.m



INTERIOR VTEA / OF SECONDARY BLOCK



SECTION THRU PRIMARY BLOCK



VIEW OF A SECONDARY BLOC



INTERIOR VIEW OF PRIMARY BLOCK



SENSORY PATHWAY BEHIND THE PRIMARY BLOCK

02 URBAN DESIGN



Maintaining the Ecological Balance Along the River Edge (WETLANDS)

ZONE 1 - TOURISM AND RECREATIONAL ZONE

THE TOURIST

This zone is being targeted with a lot of viewpoints at different levels. The entire river stretch is being provided with shopping stalls as well as food and cultural services. The ecological park provides the natural wetlands with walkways and cycle paths around it. The resorts present in the area are also set to attract the tourist crowd for a pleasant stay. The water sports are provided of Bhavani island, becomes an attractive feature for their visit.

THE RECREATIONAL USER BY THE WATER

Boating areas have been assigned specifically targeting this category of users, in this zone. In the ecological park, there have been specific areas assigned for fishing. And for these leisure seeking group, there has been floating decks provided along the river stretch.

ZONE 3 - CULTURAL, COMMERCIAL AND RECREATIONAL ZONE

THE CULTURAL USER

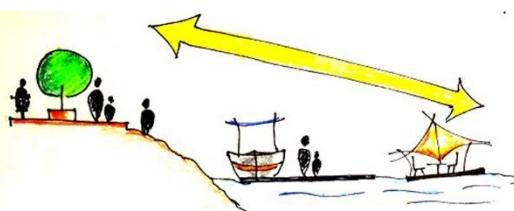
Ghat area can be enjoyed by the worshippers as well as people who would get inspired by the holy aura in this area. A cultural front proposed consists of a large open space, which is filled up with various cultural programs during certain months of the year when fan are to occur. An art deck is proposed which can be a centre where the artists can sit and paint. An urban meeting space is also provided for the purpose of rallies or general meetings. The urban streetscape is designed in a way so as to attract the cultural intuition of such a user.

THE SHOPPER

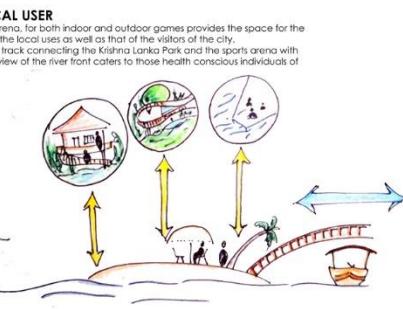
This zone is one of the main commercial zones in the city. The commercial users from the shopping areas are directed along to the riverside where more commercial zones are provided with various types of shops, stalls and eateries. The view of the waterfront from this shopping area also set to satisfy the needs of the shopper. A food zone is also provided which would gratify the shopper after a long day of shopping.

THE RECREATIONAL USER

A community centre consisting of indoor activities and games are provided. For them, a number of skating rinks have also been provided just beside the riverside, which enhances the delight quotient for these users.



SHIFTING THE ACTIVITIES FROM LAND TO WATER



CREATING AN ISLAND EXPERIENCE THROUGH ASSORTED ACTIVITIES

ZONE 2 - RELIGIOUS AND CULTURAL ZONE

THE LOCAL

The heavy congestion in One town will be relieved by rejuvenating the pocket of open spaces and creating new pedestrian/cycle pathways along the ruined bridges and the canal.

Locals/Artisans who were dynamic before are nowhere to see, to redevelop the lost art or Art gallery is proposed in between the canal and the river front. Rajiv Gandhi Park which right now isn't utilized much is redeveloped to accommodate the local art of Buro Katholu/ Dramas.

The Ghats are designed such that it can accommodate various activities and act as an identity for the river front with its curvilinear design. Dhab Ghats has been provided separately.

THE TOURIST

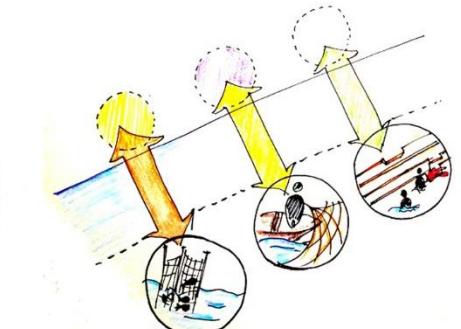
Lot of tourists predominantly pilgrims throng to the Durga temple and bathing ghats but somehow the space is lost in translation and to ease the discomfort a pedestrian way is designed from the bus stand to the temple which runs along the canal. New scenic spots for the cyclists and pedestrians who can look over the three canals, the river, the temple and the Prakaram barrage.

The souvenir street is located in a walking distance with other landmarks viz, the barrage and the temple. It is also within stone's throw from the art gallery, Krishnamathali museum and the eat street with floating decks.

There is also a river front park opposite to the Temple for the pilgrims to relax. None of the existing structures or ecology is disturbed for the proposals.



CONSERVING THE CULTURAL HERITAGE OF VIJAYAWADA



CONNECTING BOTH SIDES OF THE CANALS

ZONE 4 - INSTITUTIONAL AND RECREATIONAL ZONE

THE PROFESSIONAL TRAVELLER

The convention center with meeting halls, auditorium, conference halls, art gallery and restaurants fulfill the needs for professionals. The public library acts as an information hub and the habitat center.

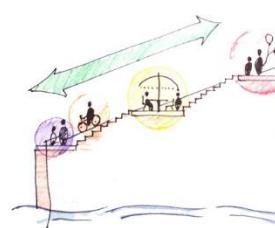
THE TOURIST

For those who wanted a complete 360 degree view point on top of the bridge. For those who proposed which connects the major tourist localities like the riverfront and the canal front.

The open parks and picnic spots with a cuisine corridor of both international and local style available near the beautiful riverfront is also a major hotspot for tourists.

THE LOCAL USER

The sports arena, for both indoor and outdoor games provides the space for the activities of the local uses as well as that of the visitors of the city. The jogging track connecting the Krishna Park and the sports arena with a pleasant view of the river front caters to those health conscious individuals of



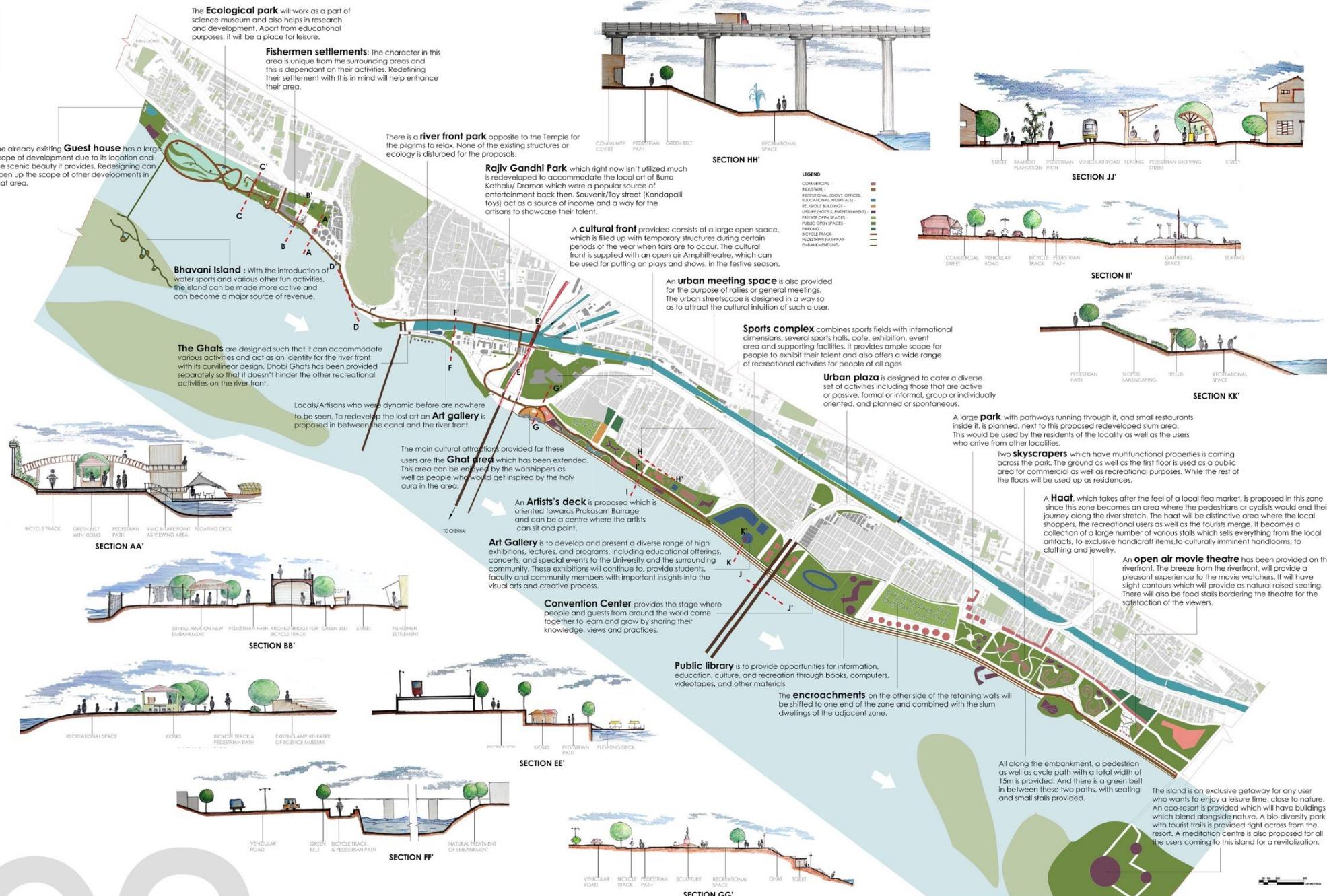
EXPERIENCE WATER AT DIFFERENT LEVELS



KRISHNA RIVERFRONT

URBAN DESIGN

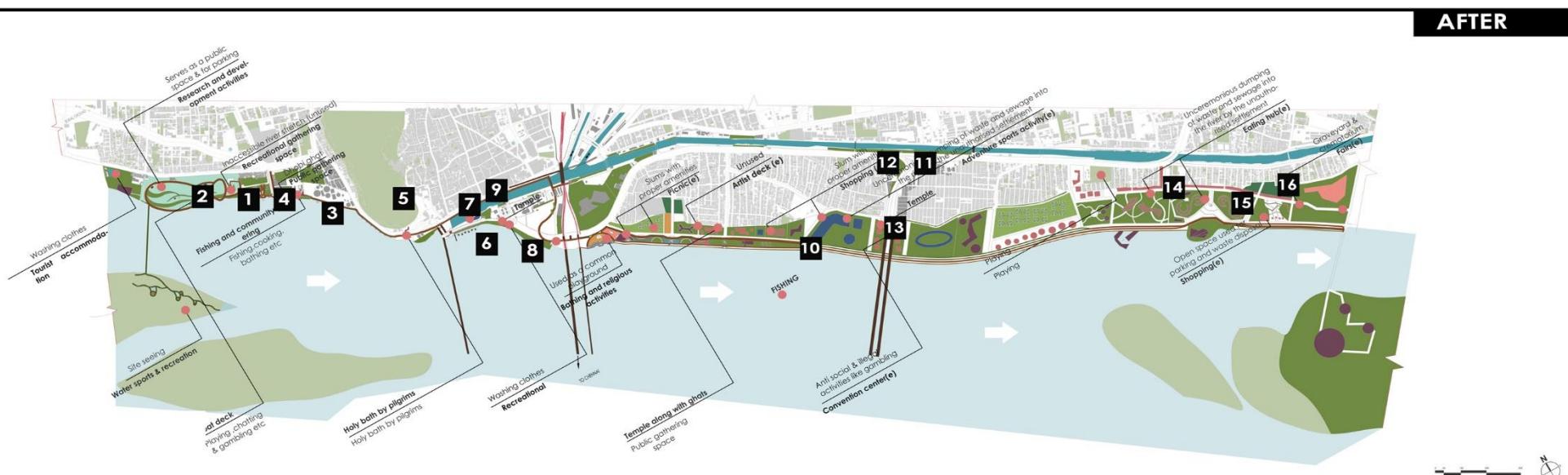
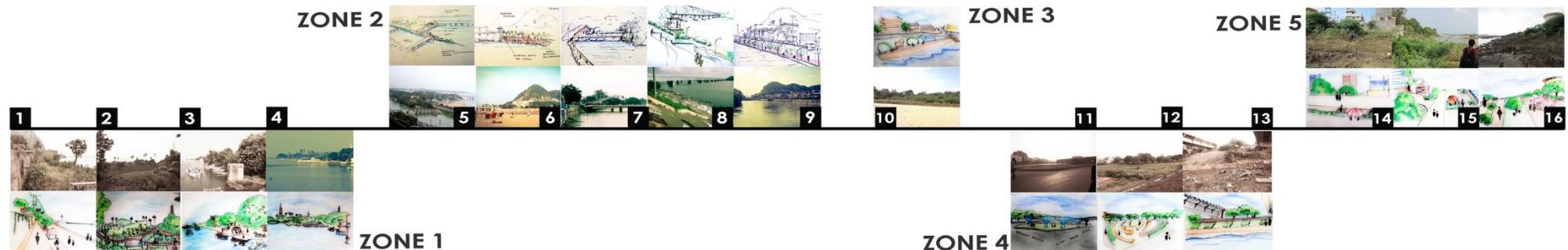
KRISHNA RIVERFRONT



PROPOSALS SHEET



BEFORE



ACTIVITIES BEFORE AND AFTER

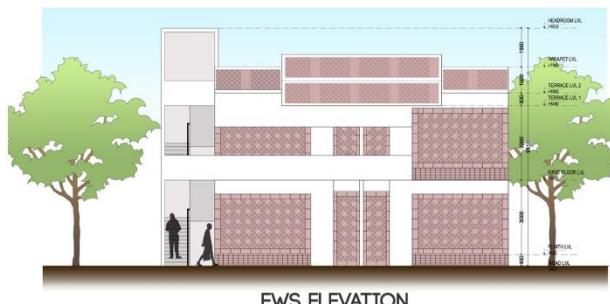
02

HOUSING PROJECT

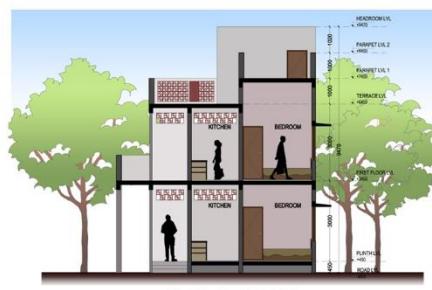
3



-



SITE PLAN



EWS SECTION



EWS ELEVATION



HOUSING PROJECT



LIG PLAN



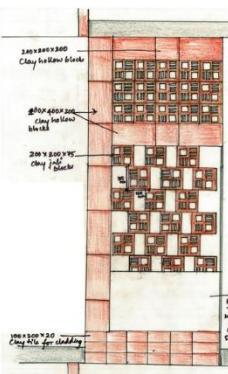
LIG SECTION



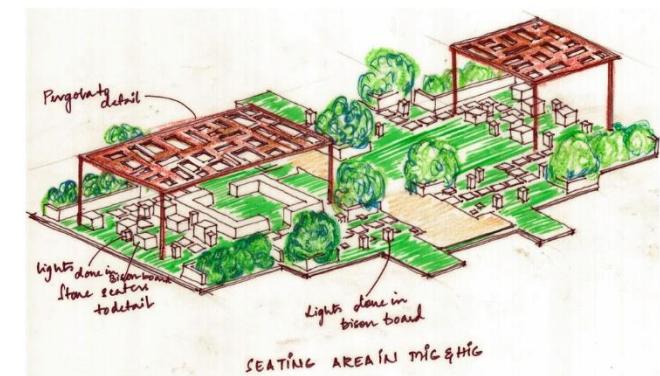
MIG PLAN



HIG PLAN



TYPICAL 'JAALI' WALL

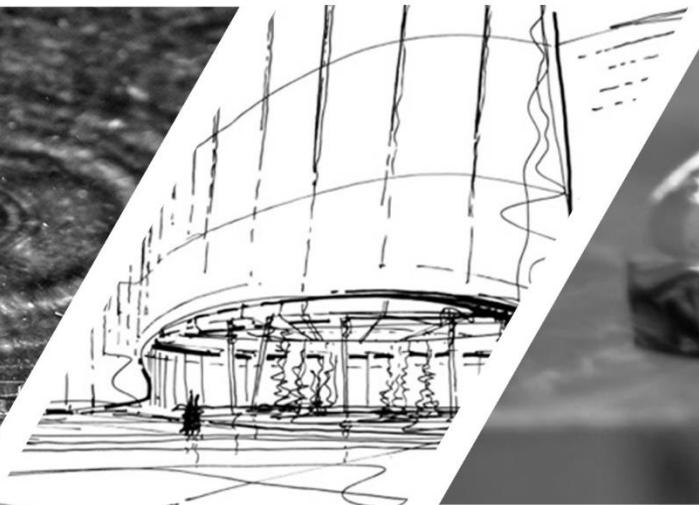
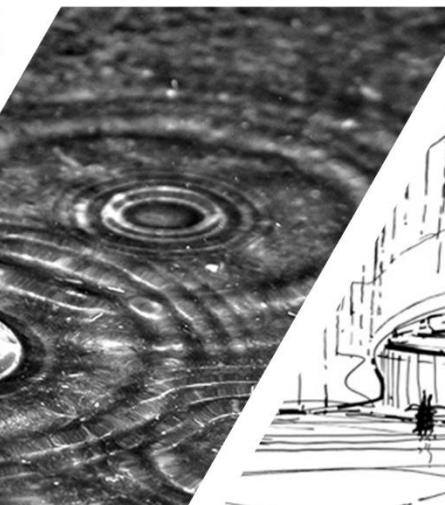


VIEW FROM THE TOP

03



ENTERTAINMENT CENTER



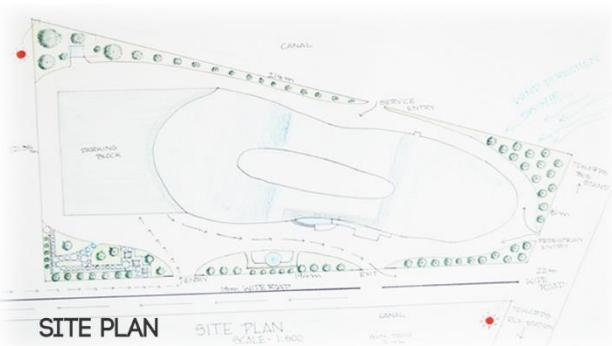
PROJECT TITLE : ENTERTAINMENT CENTER

PROJECT TYPE : STUDIO PROJECT

PROJECT DURATION : TWO MONTHS

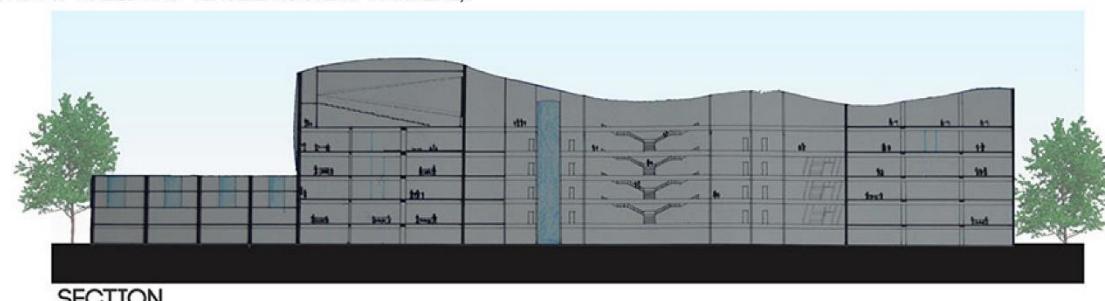
LOCATION : VIJAYAWADA, INDIA

DESCRIPTION : ENTERTAINMENT CENTER NEEDS TO BE SPACIOUS TO ACCOUNT FOR DOZENS OF STORES, BUT NOT SO BIG THAT THE DISTANCES TIRE SHOPPERS; THE BUILDING NEEDS TO LET IN LIGHT AND AIR, BUT NOT SO MUCH THAT IT COMPETES WITH DISPLAY LIGHTING; AND CUSTOMERS SHOULD GET A LITTLE LOST, MEANDERING FROM SHOP TO SHOP, BUT EXITS NEED TO BE EASY TO FIND IN AN EMERGENCY. INSPIRED FROM WATER, THE ATTRIBUTES OF WATER LIKE, FLUIDITY, TRANSPARENCY, REFLECTION, MISCIBILITY, ITS MOTION, UNIVERSAL SOLVENT ETC ARE APPLIED IN THE DESIGN BOTH IN PLAN AND ITS VOLUMES. THE EXTERNAL FAÇADE ALSO GIVES AN IMPRESSION OF WATER IN MOTION. THE DESIGN IS RESPONDS WELL TO THE CLIMATE AS THE MATERIALS AND THE TECHNIQUES USED ARE APT FOR HOT AND HUMID CLIMATE (RAT TRAP BRICK BOND AS WALLS AND TENSILE ROOFING MATERIAL).

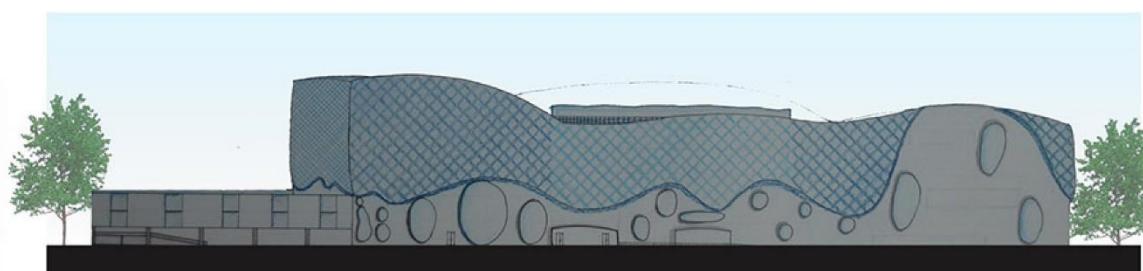


SITE PLAN

SITE PLAN
SCALE: 1:100



SECTION



ELEVATION



GROUND FLOOR PLAN

04

05

MEDITATION CENTER

PROJECT TITLE : SPIRITUAL CENTER

PROJECT TYPE : STUDIO PROJECT

PROJECT DURATION : ONE MONTH

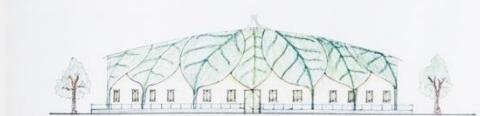
LOCATION : VIJAYAWADA, INDIA



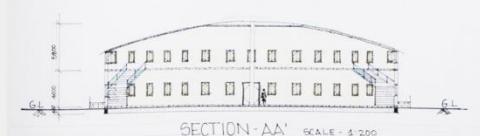
DESCRIPTION : THE PROJECT SEEKS THE RELATION BETWEEN SPIRITUALITY AND MUNDANE ACTIVITIES. INSPIRED FROM AN AGE OLD CONCEPT OF MEDITATING UNDER "PEEPAL TREE" AND UNDERSTANDING THE INTENTION BEHIND IT, THE PROJECT MANIFESTS THE FUNCTIONALITY OF ELEMENTS OF THE TREE. THE HALL OF SILENCE AND OPEN AIR MEDITATING AREAS ARE LOCATED IN CLOSE VICINITY. THE HALL OF SILENCE HAS AN OPENING ON ITS ROOF AT IT CENTER LETTING THE SUNLIGHT INSIDE, ENABLING POINT OF FOCUS FOR MEDITATION. PARKING IS RESTRICTED AT 45M FROM THE ENTRY POINT. IN ADDITION, AN ADMIN BLOCK, CANTEEN AND EXHIBITION SPACES ARE ALSO PROVIDED.



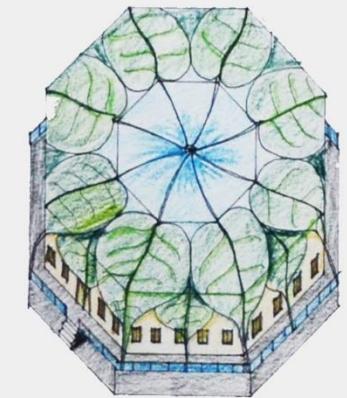
SITE PLAN



FRONT ELEVATION

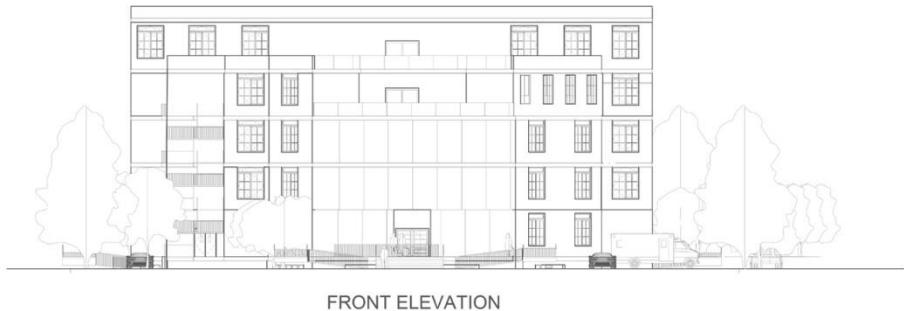
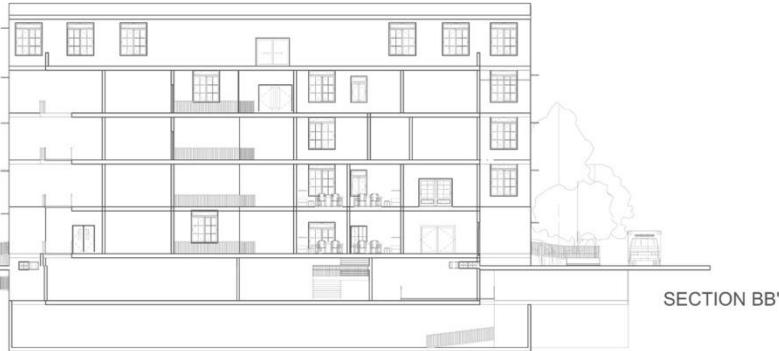


SECTION

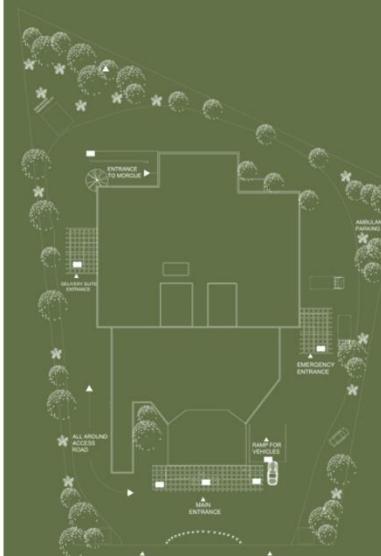


AXONOMETRIC VIEW

HOSPITAL DESIGN



PROJECT TITLE : HOSPITAL
PROJECT TYPE : STUDIO PROJECT
PROJECT DURATION : ONE MONTH
LOCATION : CHENNAI, INDIA



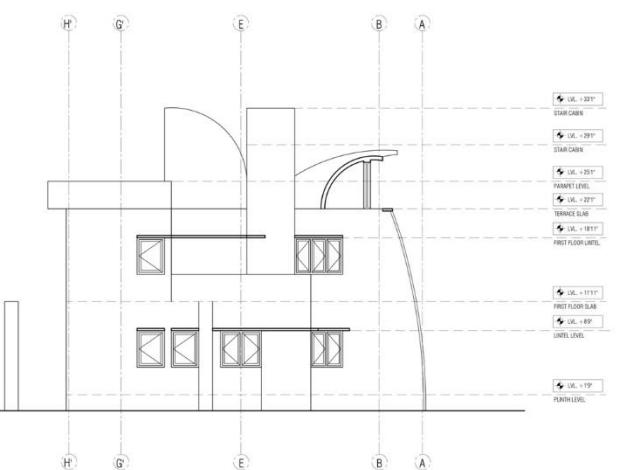
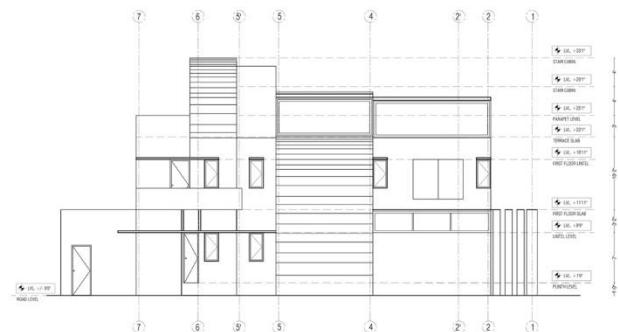
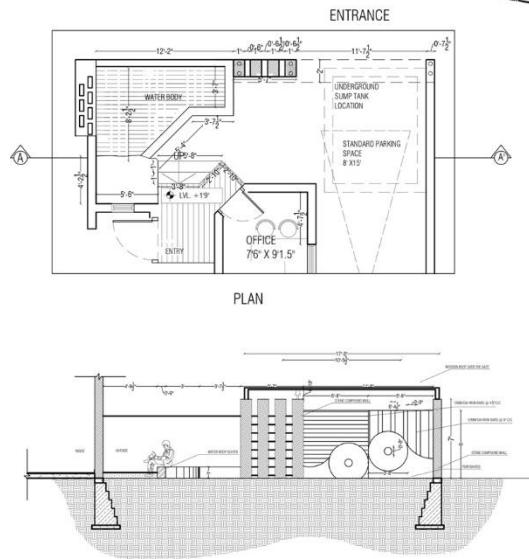
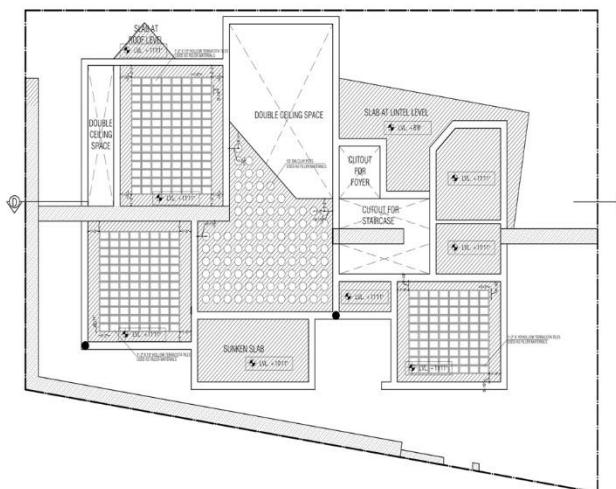
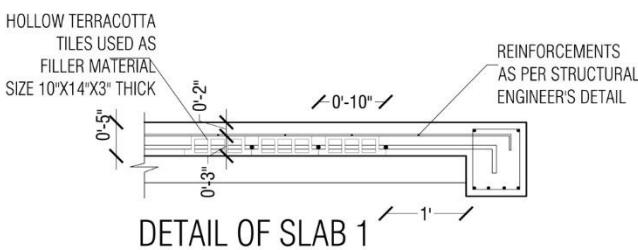
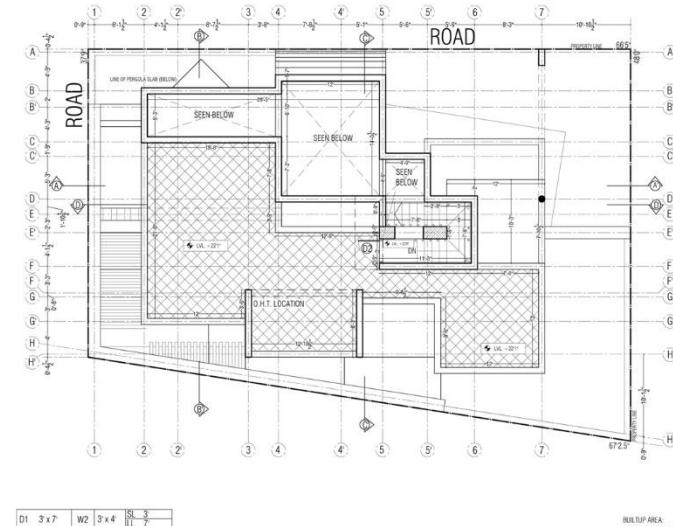
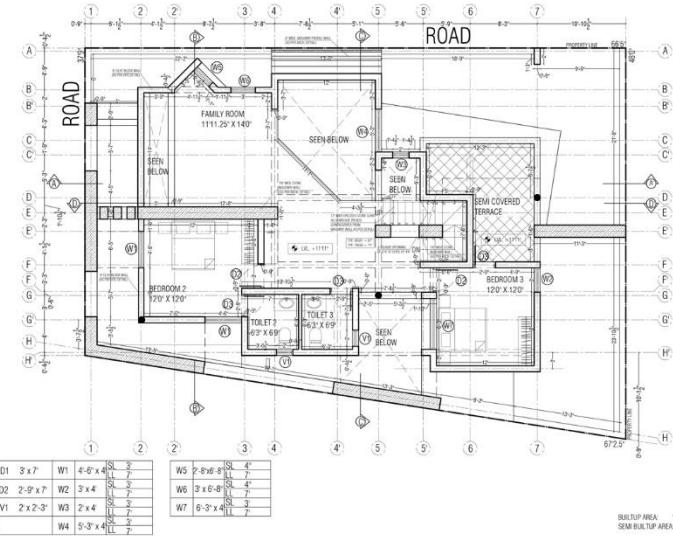
SITE PLAN

DESCRIPTION : THE PROJECT SEEKS THE RELATION BETWEEN SPIRITUALITY AND MUNDANE ACTIVITIES. INSPIRED FROM AN AGE OLD CONCEPT OF MEDITATING UNDER "PEEPAL TREE" AND UNDERSTANDING THE INTENTION BEHIND IT, THE PROJECT MANIFESTS THE FUNCTIONALITY OF ELEMENTS OF THE TREE. THE HALL OF SILENCE AND OPEN AIR MEDITATING AREAS ARE LOCATED IN CLOSE VICINITY. THE HALL OF SILENCE HAS AN OPENING ON ITS ROOF AT ITS CENTER LETTING THE SUNLIGHT INSIDE, ENABLING POINT OF FOCUS FOR MEDITATION. PARKING IS RESTRICTED AT 45M FROM THE ENTRY POINT. IN ADDITION, AN ADMIN BLOCK, CANTEEN AND EXHIBITION SPACES ARE ALSO PROVIDED.



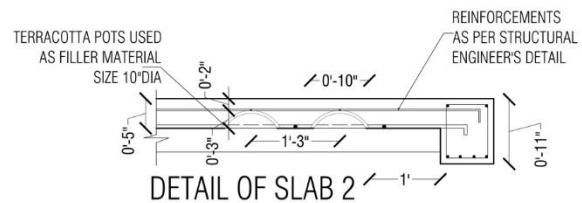
06

PRACTICAL TRAINING

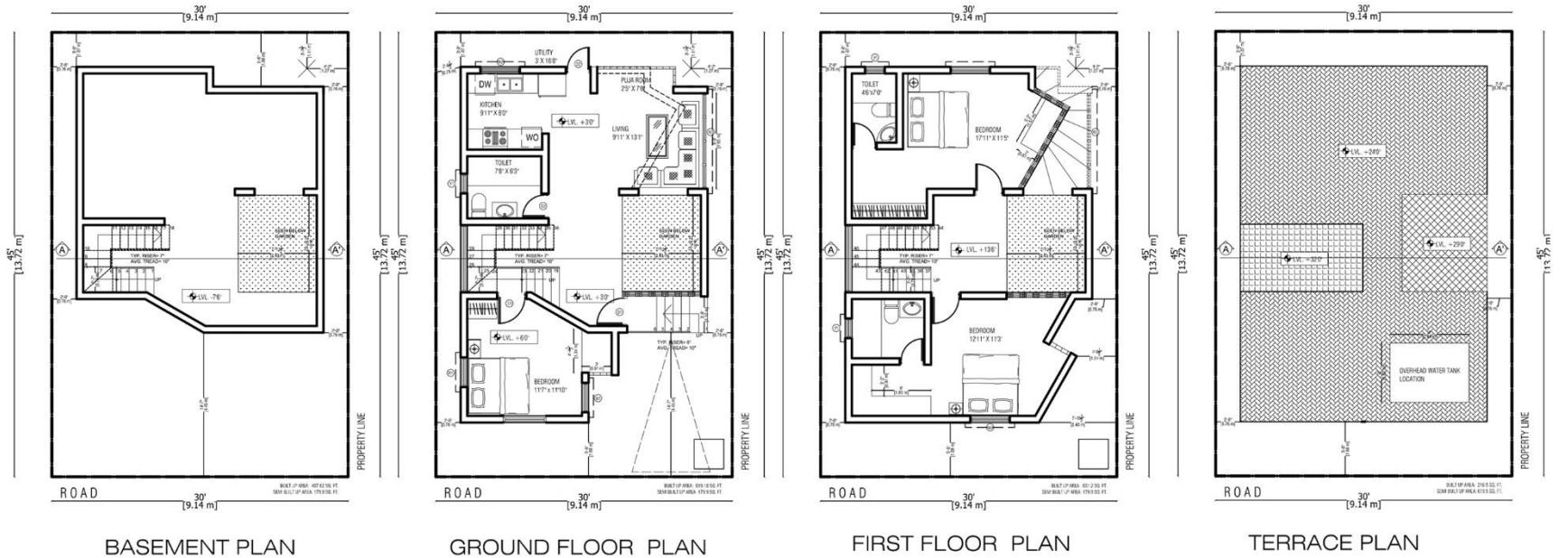


KHAM DESIGN- ARCHITECTURE - INTERIORS - ENVIRONMENTALISM
(AR.K.S CHETAN),
IDEOLOGY IS TO INCLUDE ECOLOGY AND SUSTAINABLE PRACTICES IN
THE SPATIAL DESIGN OF EVERY PROJECT

ARCHITECTURAL INTERNSHIP IS A SIXTEEN WEEKS PERIOD DURING
WHICH THE STUDENTS ARE GIVEN AN OPPORTUNITY TO WORK UNDER A
CERTIFIED ARCHITECT OR A FIRM AND EXPERIENCE ARCHITECTURE IN
THE REAL WORLD.



PRACTICAL TRAINING

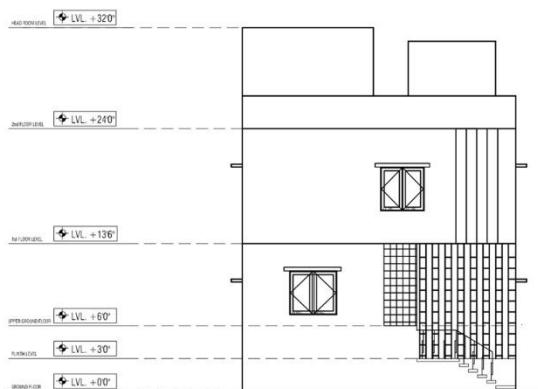


BASEMENT PLAN

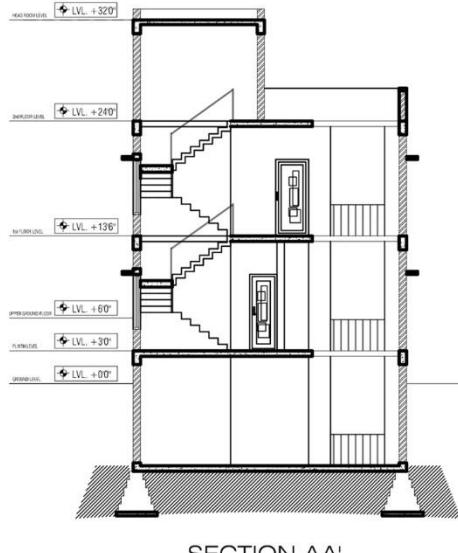
GROUND FLOOR PLAN

FIRST FLOOR PLAN

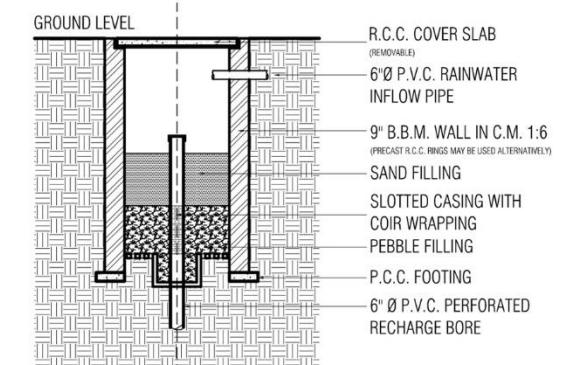
TERRACE PLAN



ELEVATION



SECTION AA'



DETAIL: RAINWATER HARVESTING RECHARGE PIT

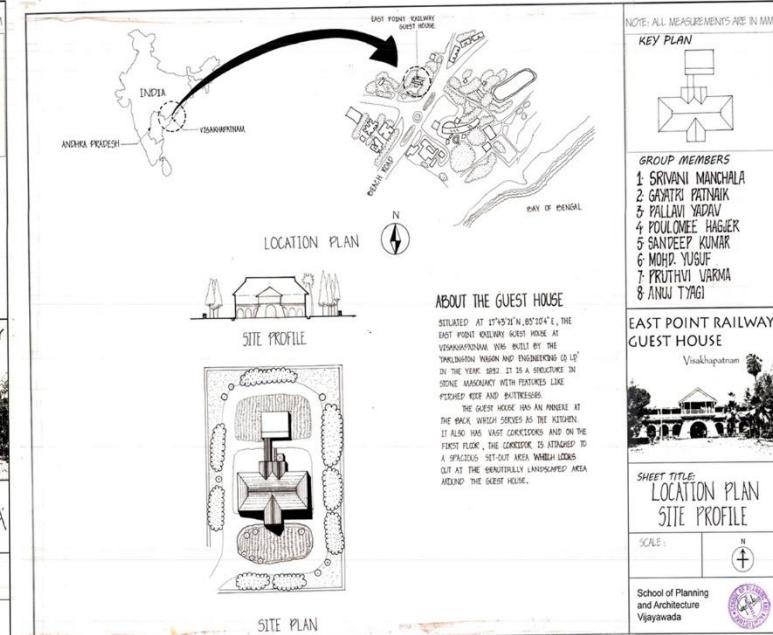
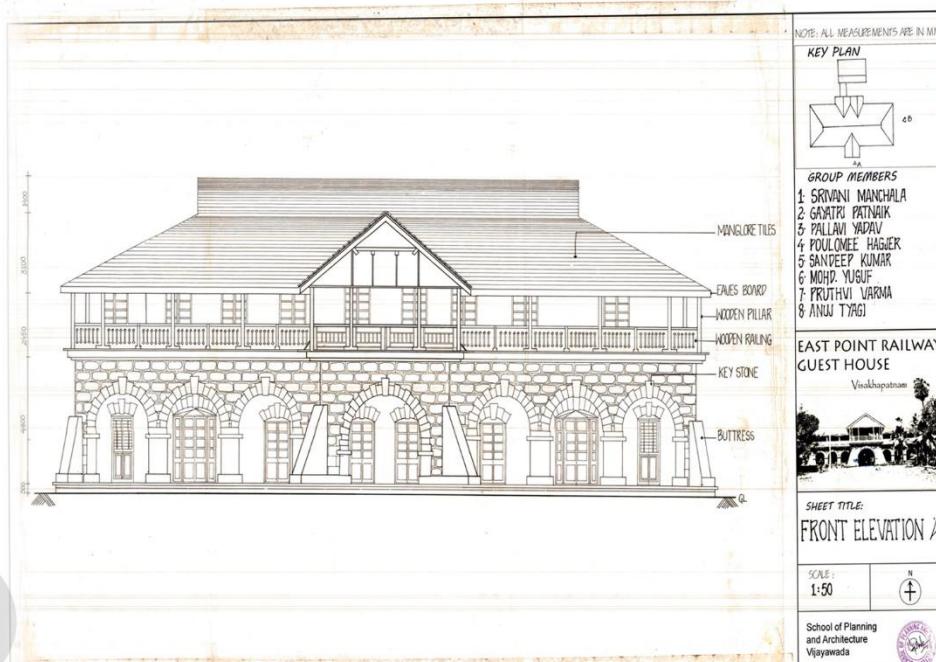
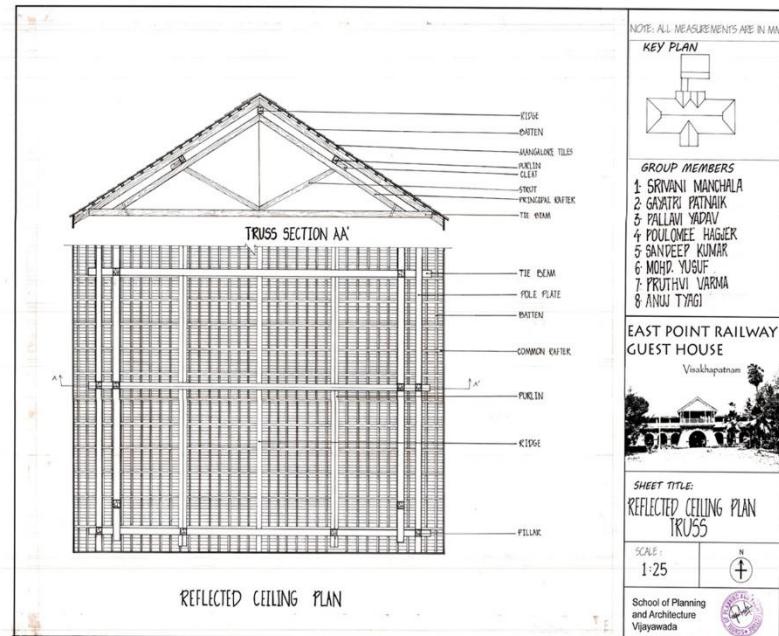
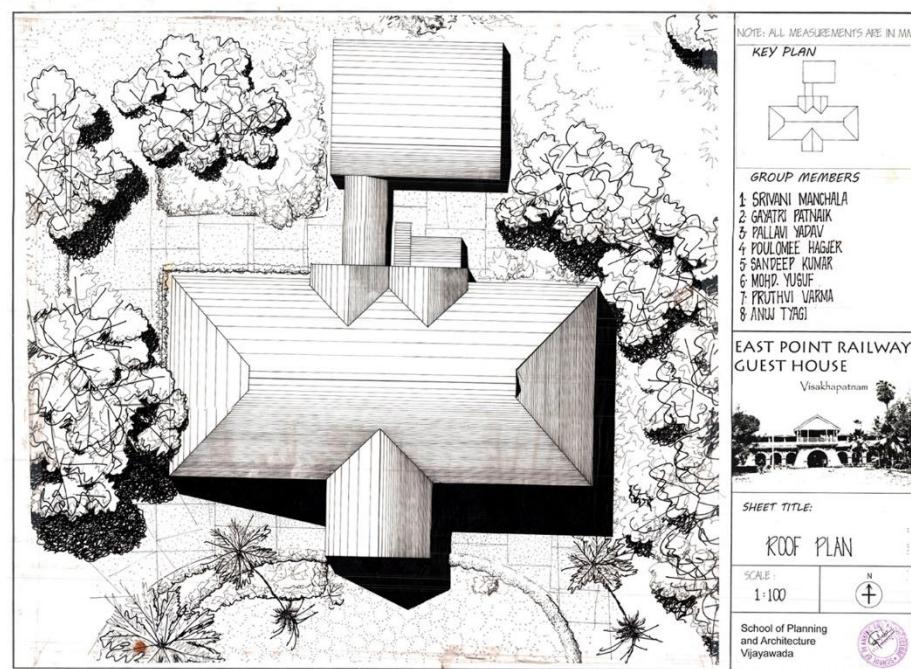
KHAM DESIGN- ARCHITECTURE - INTERIORS - ENVIRONMENTALISM (AR K.S CHETAN)

The first time office experience was immense; learnt a lot in very little time. The exposure to the practical architectural world is indescribable. Understood the important role played by sustainable architecture in the present day scenario.

07



MEASURE DRAWING



CURRICULUM VITAE



NAME- SRIVANI MANCHALA
ADDRESS - "SRIVANI" H-NO: 5-80,
ROAD NO-4, BUDHA NAGAR,
NEAR UPPAL BUS
DEPOT, UPPAL P.O.,
HYDERABAD, 500039.
MOBILE - +919676148052
E-MAIL- srivanimanchala@gmail.com
NATIONALITY- INDIAN
DATE OF BIRTH- 05 DECEMBER 1991
GENDER- FEMALE

PERSONAL SKILLS AND COMPETENCES

- COMPUTER GRAPHICS,SKETCHING,PHOTOGRAPHY

COMPUTER SKILLS AND TRAINING

- TWO YEARS OF EXPERIENCE IN AUTOCAD
- HAVE CONTINUED TO EXPAND MY KNOWLEDGE OF THESE PROGRAMS AND SIMILAR PROGRAMS.
- EXTENSIVE KNOWLEDGE OF GOOGLE SKETCHUP AND ADOBE PHOTOSHOP
- HAVE USED THESE PROGRAMS (REVIT ARCHITECTURE ALSO) FOR BOTH DESIGN AND PRESENTATION.
- EXCEPTIONAL COMPUTER SKILLS
- (WINDOWS AND MAC-OS) WITH INTERNET ,MICROSOFT OFFICE, ADOBE ACROBAT
- DEPENDABLE ,FLEXIBLE AND HARDWORKING
- EFFICIENT, HELPFUL, RELIABLE AND EFFECTIVE IN A GROUP/TEAM SETTING.
- HAVE LEARNT 3DS MAX AND USED IT IN BANK DESIGN.
- ALSO HAVE LEARNT PINNACLE STUDIO.

SOCIAL SKILLS AND COMPETENCES

- TEAM SPIRIT, GOOD ABILITY TO ADAPT TO MULTI-CULTURAL ENVIRONMENT AND GOOD COMMUNICATION SKILLS.

ARTISTIC SKILLS & COMPETENCES

- PHOTOGRAPHY, POETRY, DANCE& DRAMA
- SINGING AND SKETCHING.

OTHER SKILLS AND ACHIEVEMENTS

- MACMILLAN MATHS QUIZ CASH AWARD WINNER
- ACADEMIC TOPPER OF VIGNAN HIGH SCHOOL
- PARTICIPATED IN MANY ESSAY WRITING AND DEBATES AND WON MANY PRIZES.
- WON 1ST PRIZE IN QUIZ AT N.R.S.A QUIZ COMPETITION.
- PARTICIPATED IN INTERNATIONAL MATHS OLYMPIAD.
- WON FIRST PRIZE IN MANY DANCE COMPETITIONS.

REFERENCES

PROF. DR. S.RAMESH
HEAD; DEPT. OF ARCHITECTURE
SPA- VIJAYAWADA
EMAIL:ramesh.srikonda@spav.ac.in
PHONE: +91-866-2469452

PROF. DR. SRIDHARAN
DIRECTOR;
SPA- VIJAYAWADA
EMAIL:sri-director@spav.ac.in
PHONE:+91-866-2469 444

AR G VIVEKANANDA SWAMY
PRINCIPAL ARCHITECT
VIVEKANANDA SWAMY ARCHITECT
EMAIL-swamyghanta@yahoo.com
PHONE-+ 91 9849083919

Scan me



SRIVANI MANCHALA

ADDRESS - "SRIVANI" H-NO: 5-80,
ROAD NO-4, BUDHA NAGAR,
NEAR UPPAL BUS
DEPOT, UPPAL P.O.,
HYDERABAD, 500039.

MOBILE - +919676148052

E-MAIL- srivanimanchala@gmail.com

THANK YOU