ARCHITECTURAL PORTFOLIO

SAMPADA LAD

SAMPADA SUSHIL LAD

JUNIOR ARCHITECT



90.55%

71.17%

CGPI

7.98

OBJECTIVE

I intent to expand my design skills and knowledge in architecture and work in an environment that improves the current limits of my abilities. Belief in dedication, hardwork and eagerness to learn.

WORK EXPERIENCE

INTERN AT PRAKRITI PRAKALP ARCHITECTS, C.B.D. Belapur, Navi Mumbai

Worked on projects related to Municipal Approval Drawings, Working Drawings, Presentation drawings, Landscape design schemes and civil drawings.

CERTIFICATIONS

- Design entry selected in top 15 for South Asian Student Design Competition (SASDC 2015)
- Research Paper Shortlisted in South Asian Vernacular Architecture Competition (SAVA 2015)
- Academic Execellence Certificate from Bharati Vidyapeeth College of Architecture, Navi Mumbai for academic years 2015 - 2016 and 2016-2017

PARTICIPATIONS

- LA JOURNAL Landscape Design Competition (OCT 2015)
- International Tropical Architecture Design Competition (2017)

OTHER SKILLS

COMMUNICATION
TEAMWORK
ORGANIZED
WORKAHOLIC

INTERESTS

Sketching Model Making

Travelling

Photography

Hand Drafting

PERSONAL DETAILS

DOB: 07-09-1995

AGE: 23 years

LANGUAGES: English, Hindi, Marathi

EDUCATION

2013 - 2018

B.ARCH

2011 ST. LAWRENCE HIGH SCHOOL VASHI, NAVI MUMBAI

2011 - 2013 • ELPHINSTONE COLLEGE FORT, MUMBAI

BHARATI VIDYAPEETH

COLLEGE OF ARCHITECTURE
KHARGHAR, NAVI MUMBAI

 EM 1
 7.86

 EM 2
 9.03

 EM 3
 7.72

 EM 4
 8.14

 EM 5
 7.83

 EM 6
 7.56

 EM 7
 8.47

 EM 8
 8.00

 EM 9
 7.78

 EM 10
 7.39

COMPUTER SKILLS



CONTACT DETAILS

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Navi Mumbai- 400701

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ECO - RESORT AT GANESHGULE, RATNAGIRI

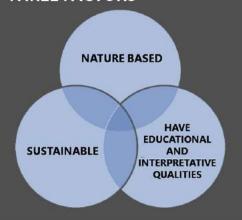
SITE AREA - 5 acres (20234 sq.m)

ARCHITECTURAL THESIS

AIM - To design an eco - resort based on sustainable and vernacular aspects of design for an integrated developement of tourist destination and local communities.

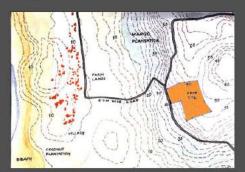
Blend of spaces – public and private Considering climatic factors Limited built up area E Vernacular architecture Spaces should create relaxing ambience Spaces should create relaxing ambience

ECO - RESORT IS BASED ON THREE FACTORS

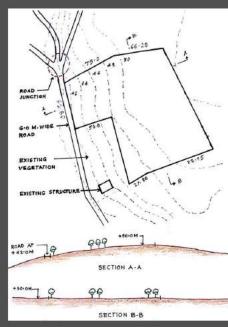


SITE CONTEXT

Extremely secluded, clean and beautiful beach lined with coconut plantations and small typical konkoni houses



Site has amazing scenic views due to its terrain. Location forms the major factor for the resort design. Site has serenity although amidst the village.

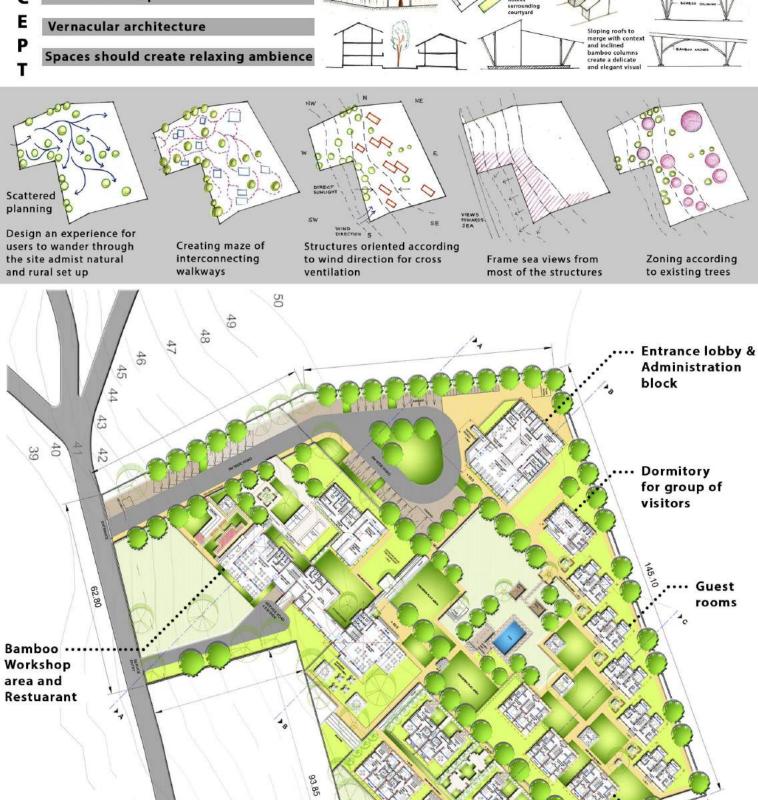


Site is away from city chaos which provied better relaxing experience.

Picturesque views from site.

Site surrounded by dense vegetaation and greenary.

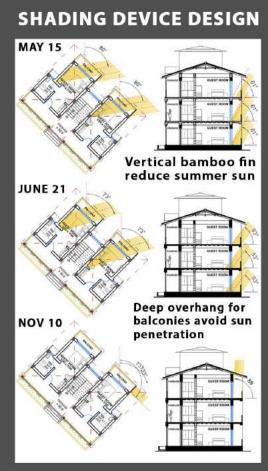
Ganeshgule Beach and site are easily accessible for visitors.





· · · Suite rooms

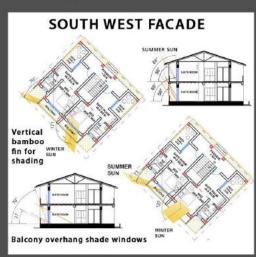
SITE AREA - 5 acres (20234 sq.m)



All structures are oriented with their major facades facing SOUTH - WEST and NORTH - EAST directions.

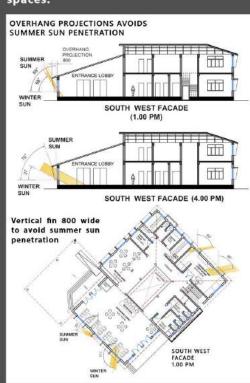
North east facade requires vertical shading device as horizontal sun penetrates into rooms.

Vertical sun is avoided due to deep overhangs.



Openings on opposite site to facilitate cross ventilation.

Passages and balconies on both sides reduce the effect of solar gain into living spaces.







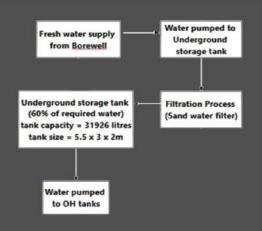


STORE ROOM

PLAN

PLAN

SITE AREA - 5 acres (20234 sq.m) **ADMINISTRATION BUILDING SERVICES** CONSTRUCTION DETAILS BLOCK TERRACE FRP ROOFING SHEETS 3000 X 900 X 3 THK RAIN WATER HARVESTING RCC LINTEL 150 THK 12MM THK BASE PLATE BOLTED TO RCC BEAM WICHOR BOLTS WHY: High rainfall region, Water supply from pipelines SECTION R - R not available. 300 THK LATERITY STONE WALL RESTAURANT 12MM THK BASE PLATE BOUTED TO RCC BEAM WHERE: From Rooftops to THE THE THE THE THE THE THE THE tanks, Collecting surface run off through contour trenches to storage tanks. PCC COPIN 100 THK **DETAIL AT 'A'** PARAPET 150 THK Storm water (for 2 months) (400000 litres) Rooftop rainwater Recharge Bore 300 THK LATER STONE WALL (145600 litres) FIRST FLOOR well RESTAURAN Harvested Total rooftop ainwater - harvested ainwater for use **SECTION Q - Q** (71900 litres) water = 73700 litres Q Filteration (Sand water filter) Storage tank for water capacity of 64710 litres **GROUND FLOOR PLAN GROUND FLOOR** RESTAURANT AND MULTIPURPOSE HALL ADMIN BLOCK Water pumped to Fresh water supply







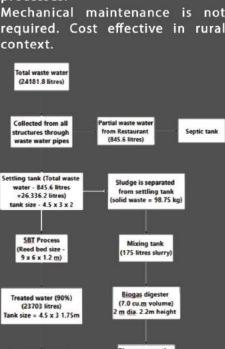




WHAT - Soil Bio- technology

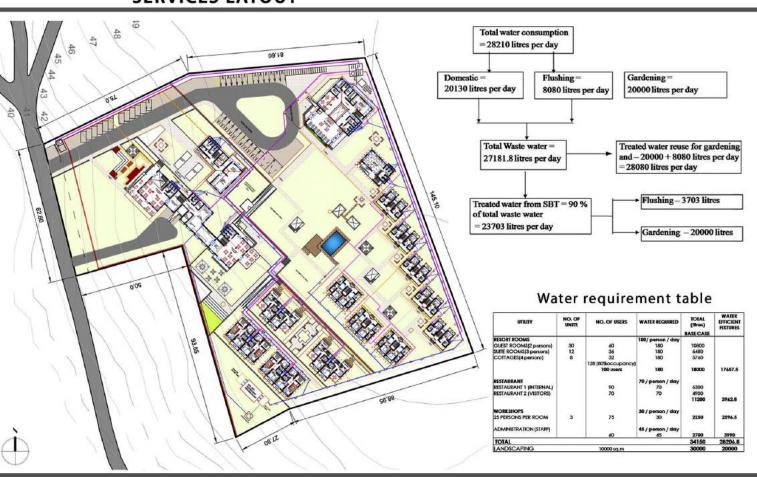
WHY - Simple combination of physical biochemical and processes.

Mechanical maintenance is not required. Cost effective in rural



reated water use for landscaping 20000 litres





SITE AREA - 3 acres (12017 sq.m)

ARCHITECTURAL DESIGN

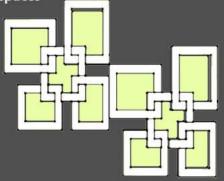
BRIEF

Design aims at creation of a positive, learning, interactive and commercial space open for all. The idea is to create a complete space for art which includes arts and crafts, performing arts and art related to food.

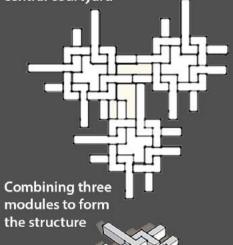
Project aspires at grooming and training and give a chance to see and learn any art form offered by the institution.

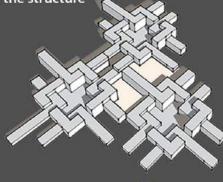
CONCEPT

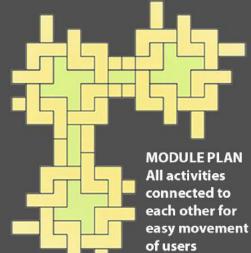
Interlocking squares to form composition of open and closed spaces



Forming voids in centre and all activities planned around the central courtyard

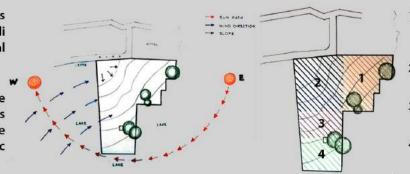




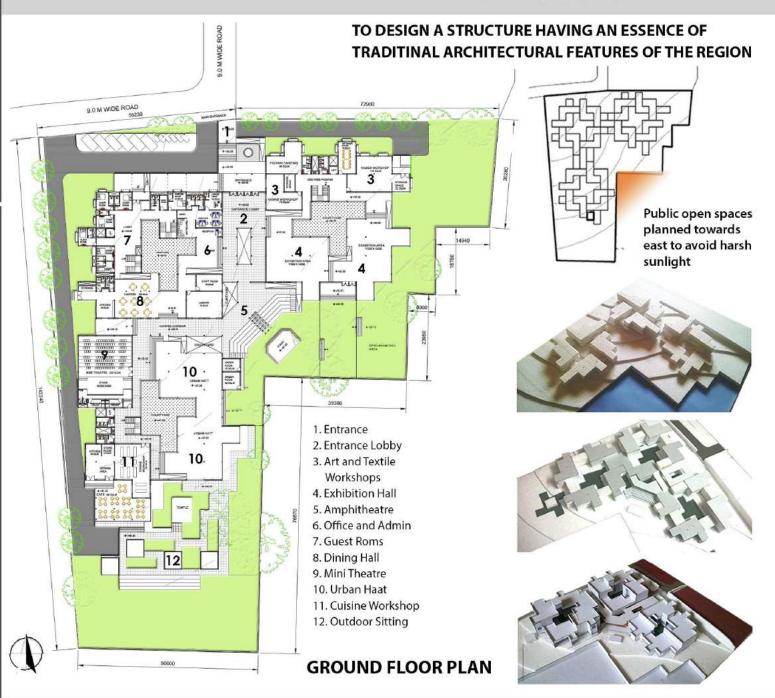


Site context is famous for havelis, jali work and traditional architecture.

Courtyards are one of the typical features which has multiple uses and climatic effect.



- 1 Low sun angle, morning sun : Used for open exhibitions/ performance areas.
- 2 Easy road access : Used for institutional area
- 3 Public areas like urban haat, cafe or pavilions to enjoy the views
- 4 Viewing points: No structure having more height, winds not to be blocked







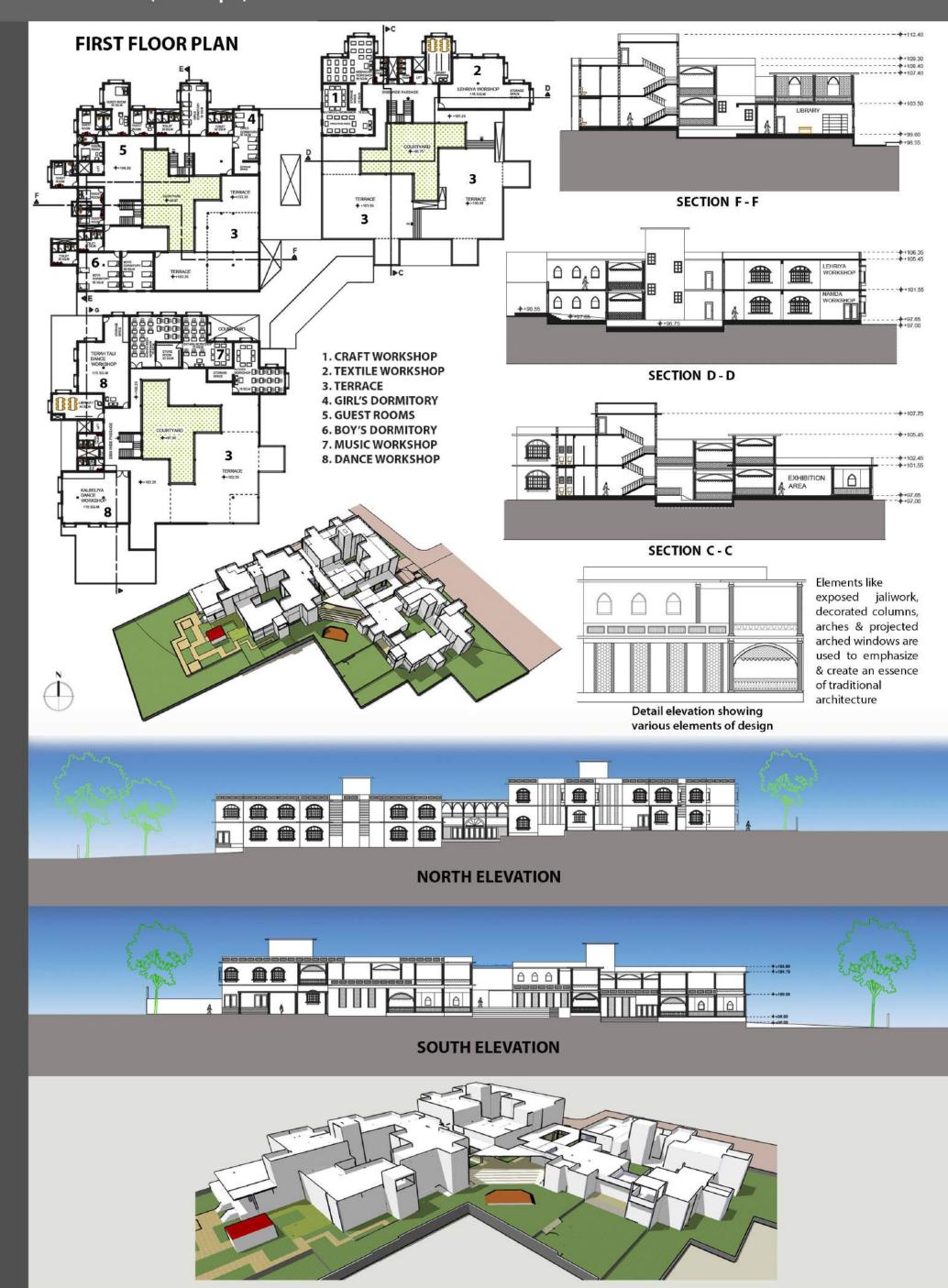
EAST ELEVATION



WEST ELEVATION

ARCHITECTURAL DESIGN

SITE AREA - 3 acres (12017 sq.m)

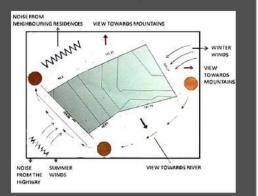


SITE AREA - 7.48 ACRES (30300 SQ.M)

ARCHITECTURAL DESIGN



Site is situated in a small, scenic and beautiful town of Mandi in Himachal Pradesh with composite climate.

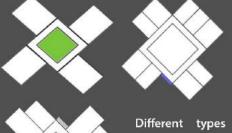


REQUIREMENT - 500 units Combination of flats with different sizes and partial area covered with row houses

USERS - Mixed use housing
Middle income group
Second home

CONCEPT

Courtyard surrounded by group of units and forming one module of house



of modules with courtyards and house units on four sides

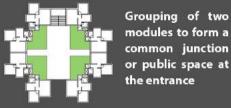
Groups of modules having common open space and community area

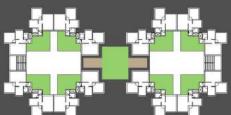






FORMATION OF MODULE



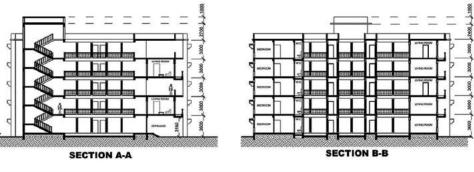






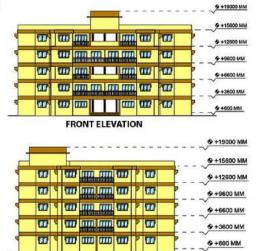
SECTION P-P

GROUND FLOOR PLAN MODULE A AND B FIRST AND THIRD FLOOR PLAN MODULE B



Floor plans are different on alternate floors. House units are with three different areas : 40 sq.m, 60 sq.m, 80 sq.m.

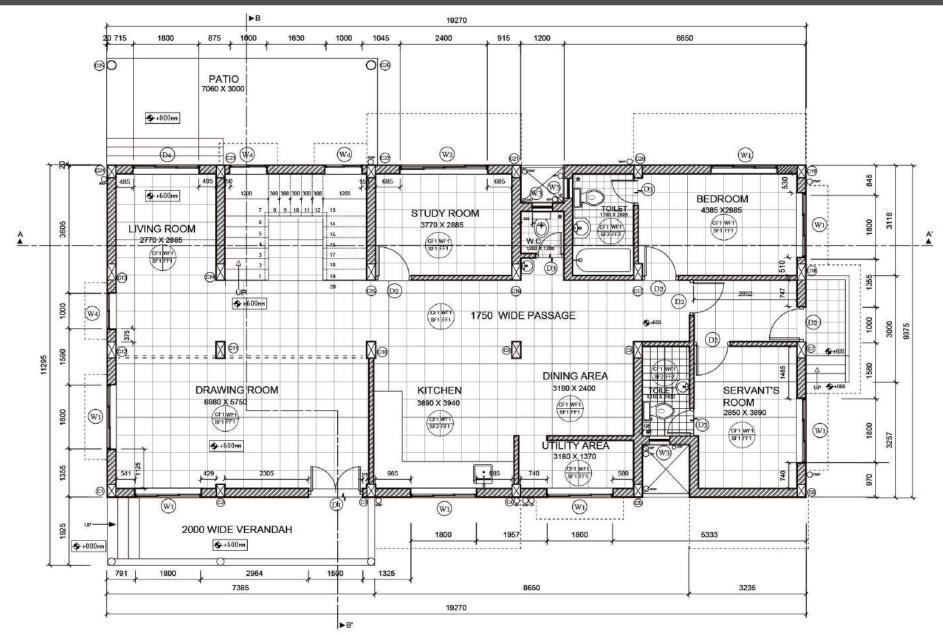
House units convert from 40 to 60 and 80 on



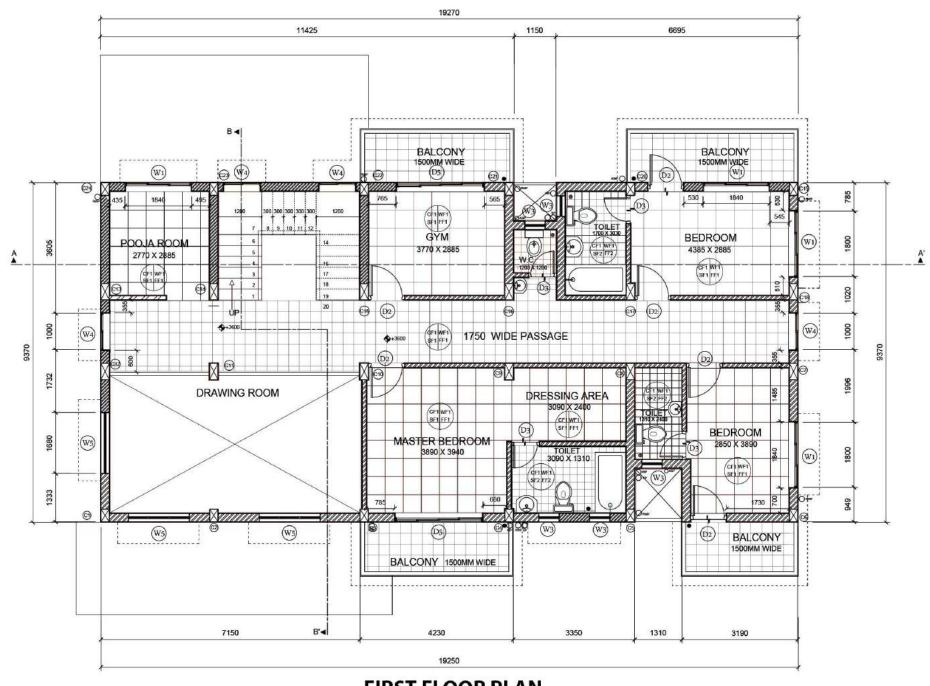
SIDE ELEVATION



WORKING DRAWING



GROUND FLOOR PLAN

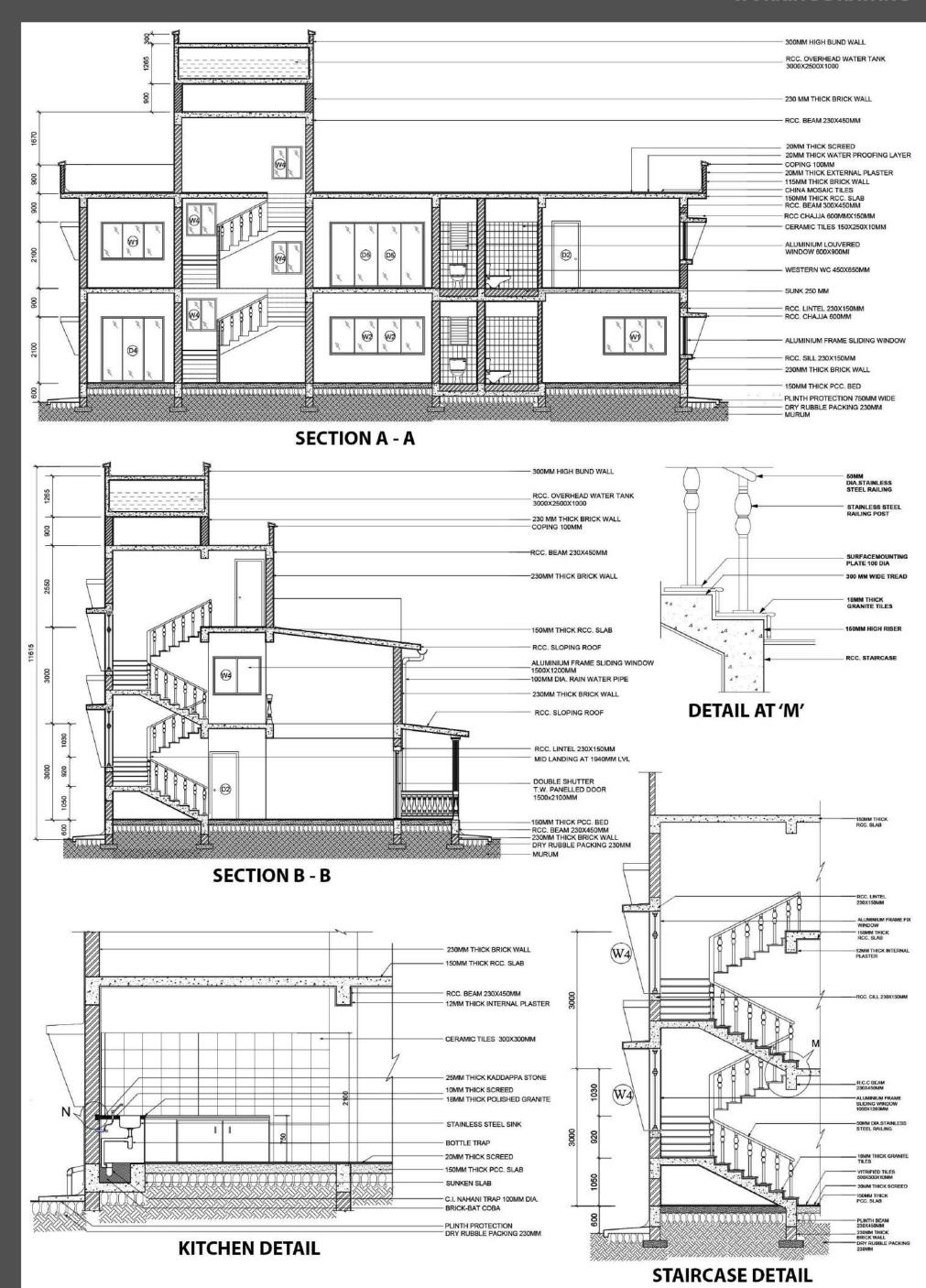


FIRST FLOOR PLAN

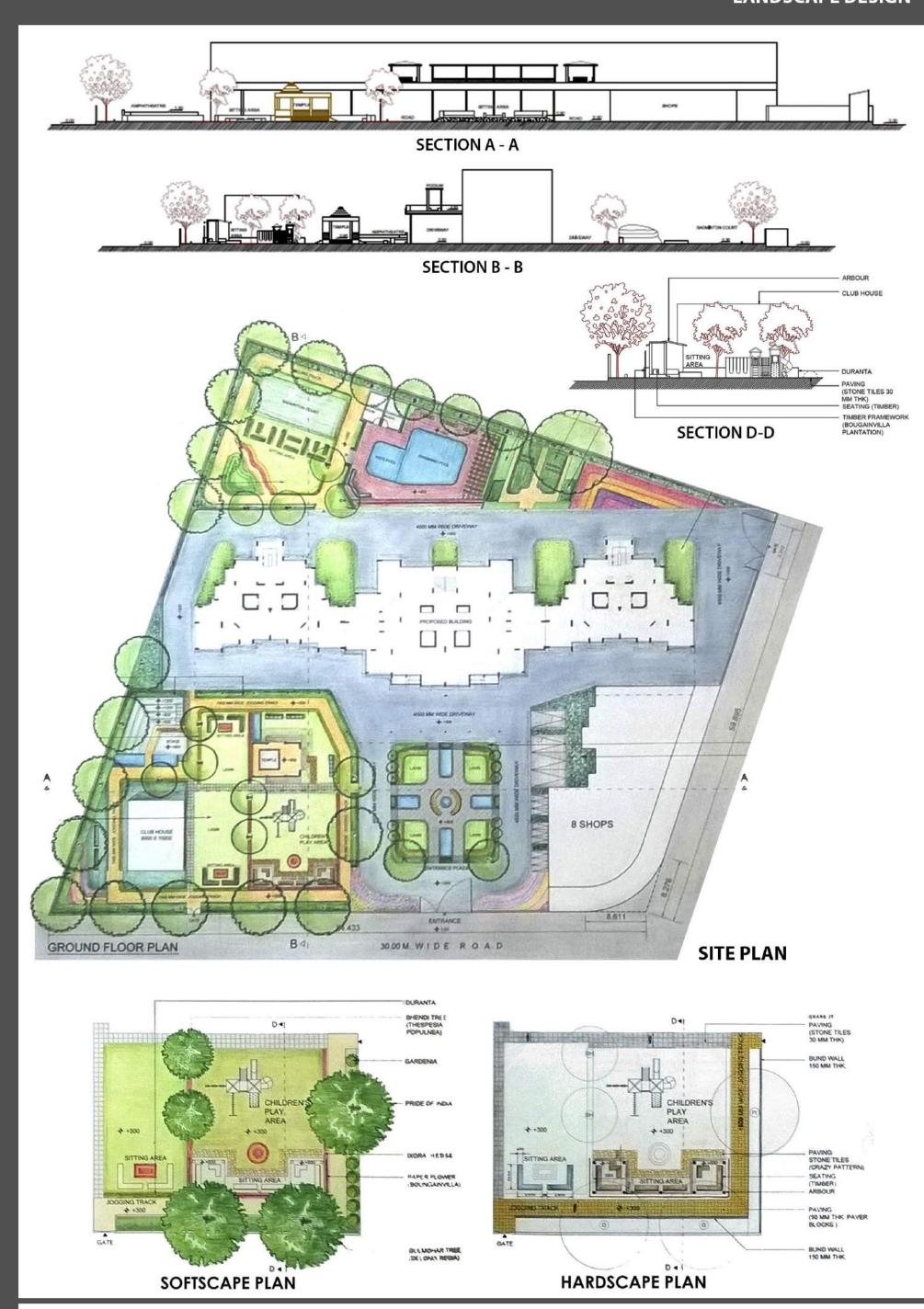
BUNGALOW DESIGN

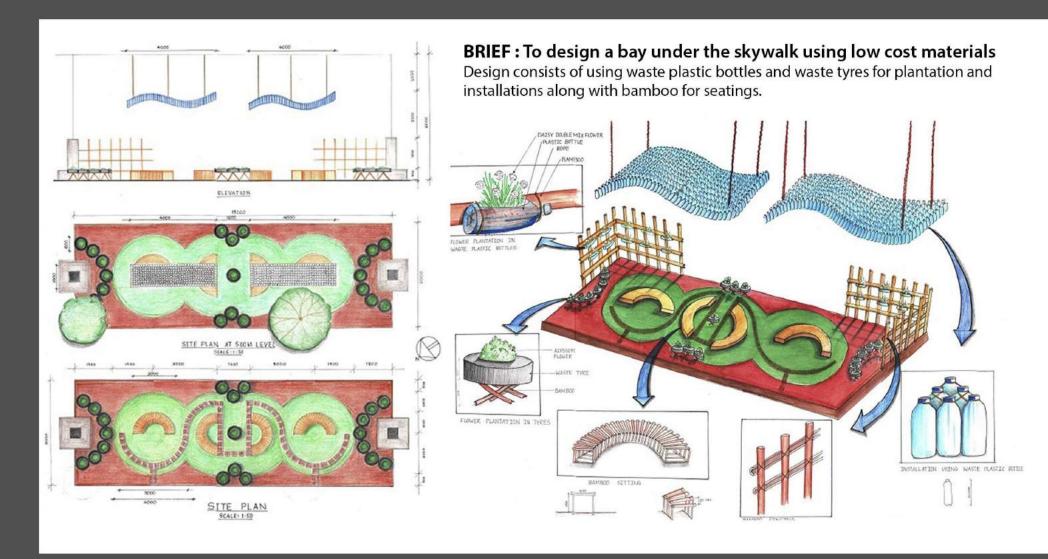
WORKING DRAWING

3rd Year B. Arch



LANDSCAPE DESIGN





LA JOURNAL - LANDSCAPE DESIGN COMPETITION

(OCT 2015)



VIEW OF MULTIPURPOSE GARDEN AREA

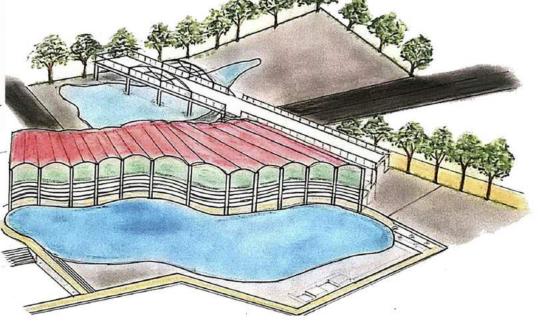
Site selected was a part of creek which got seperated due to land filling and paving ways to existing condition.



Present scenario of the site

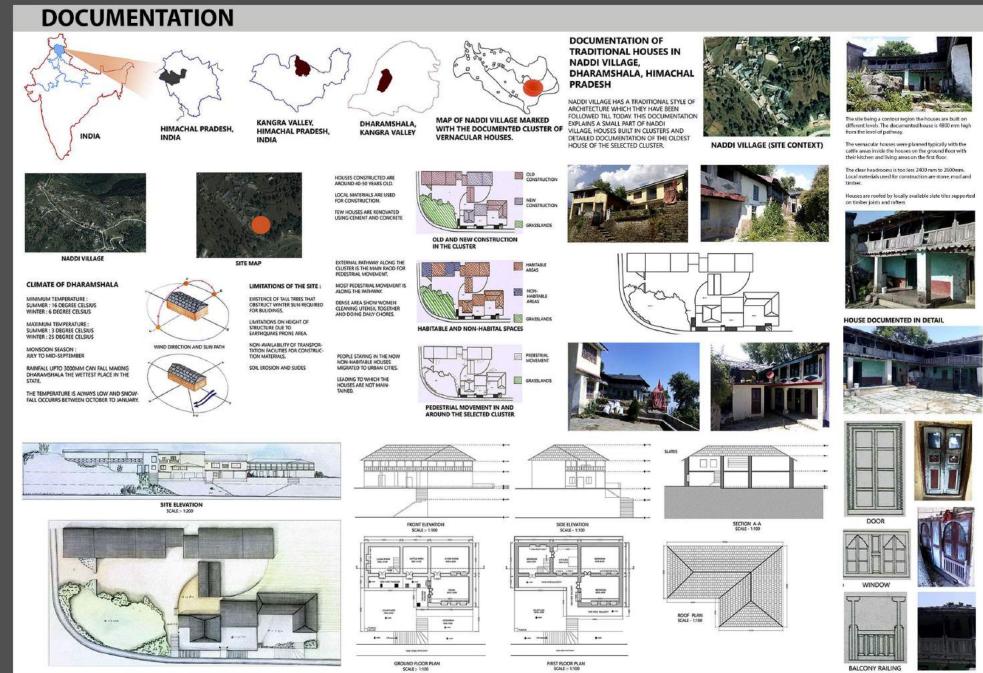
Prime concept was to conserve the existing water body on the site leading to water conservation. Keeping in mind the activities that still exist and which are required on site according to neighbourhood context are usedd in the design.

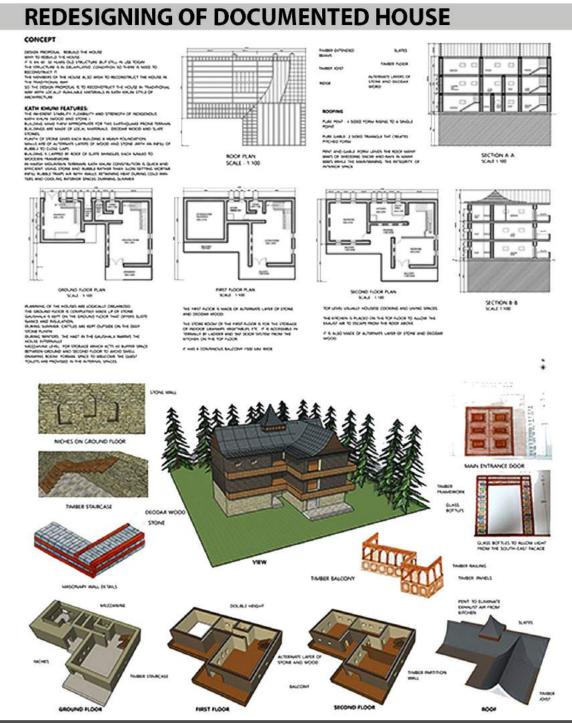
Fishing deck, Multipurpose garden with jogging track, Entertainment zone, Thinking of future with water conservation techniques - Roofing, Permeable paver blocks, Rain water harvesting system, Low maintenance bermuda grass are some of the design techniques used.

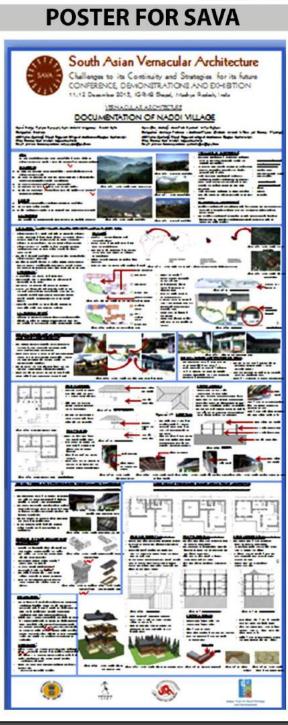


Documentation of Vernacular Architecture and Redesigning Naddi Village, Himachal Pradesh

COMPETITION







LESS U-VALUE GLASS

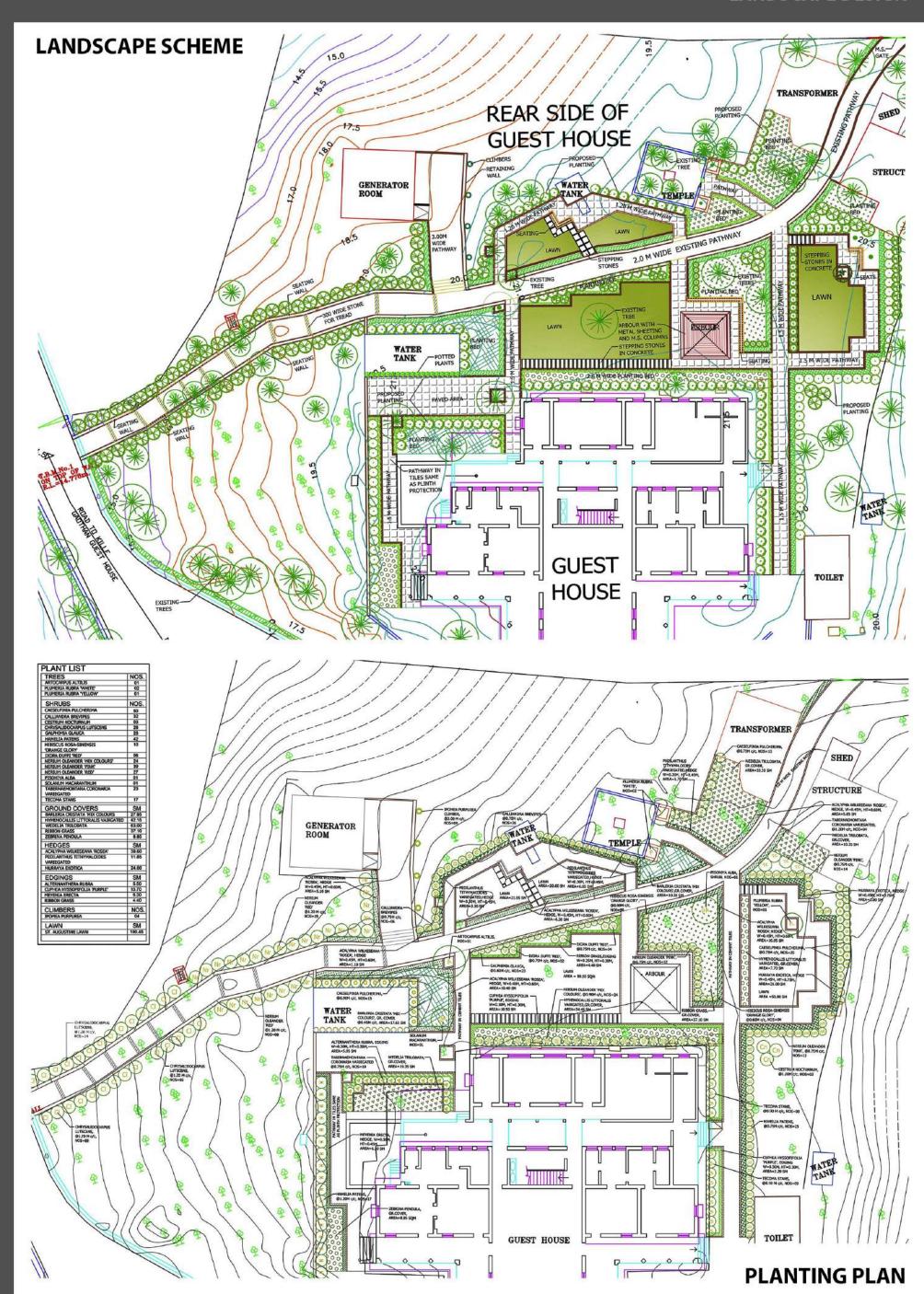
BLOCKS

COMPETITION SITE: Worli, Mumbai

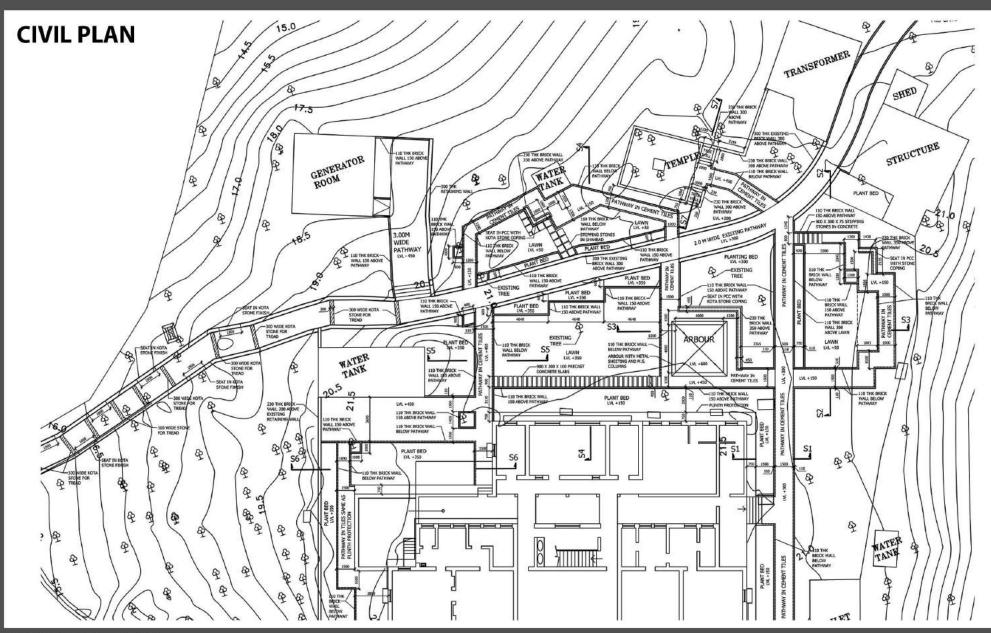


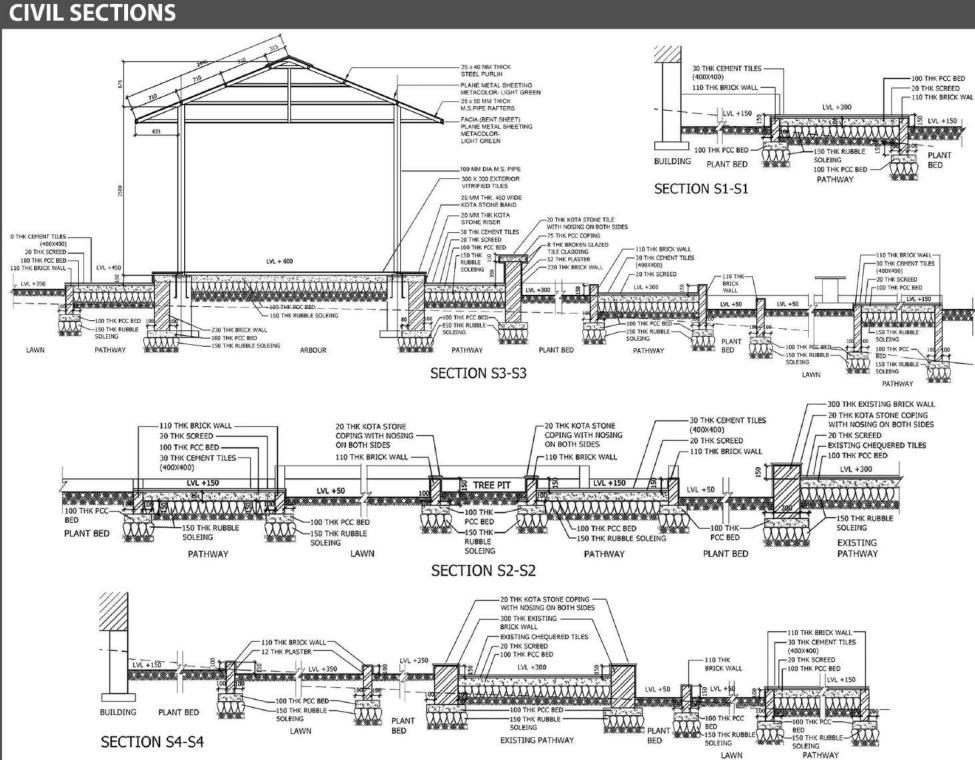
SAMPADA LAD, PRANITA GANDHRE BHARATI VIDYAPEETH, NAVI MUMBAI D B 4

LANDSCAPE DESIGN



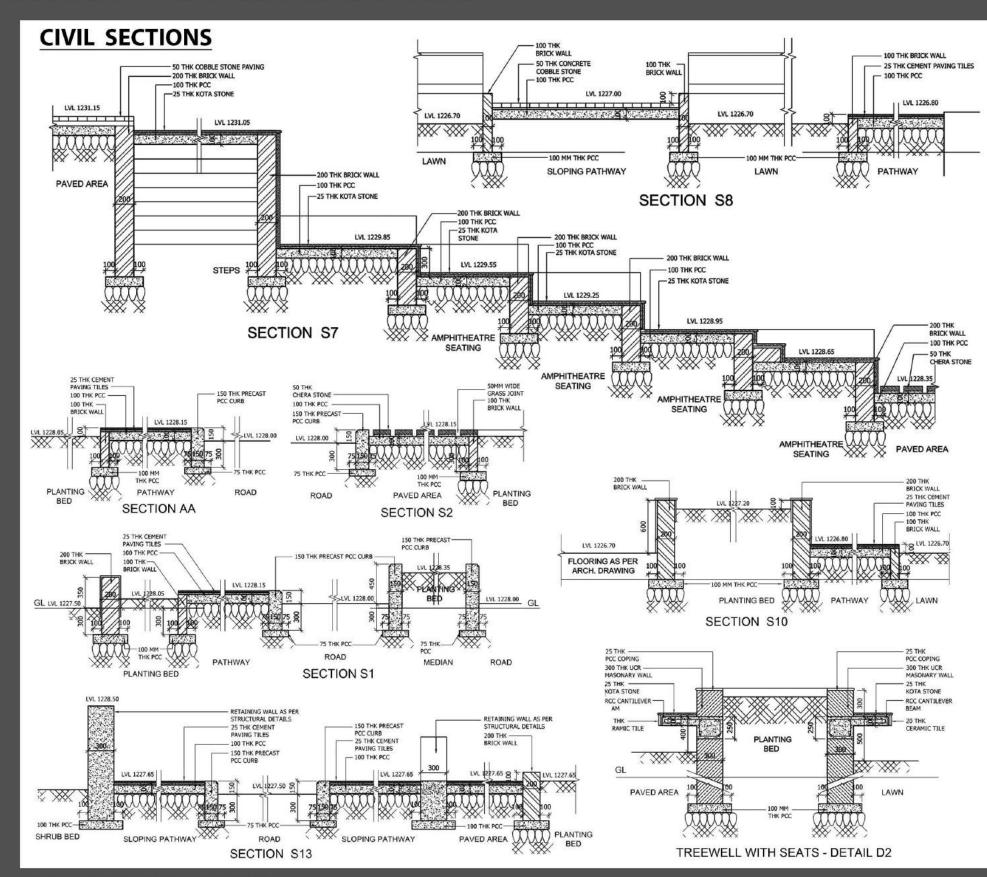
LANDSCAPE DESIGN



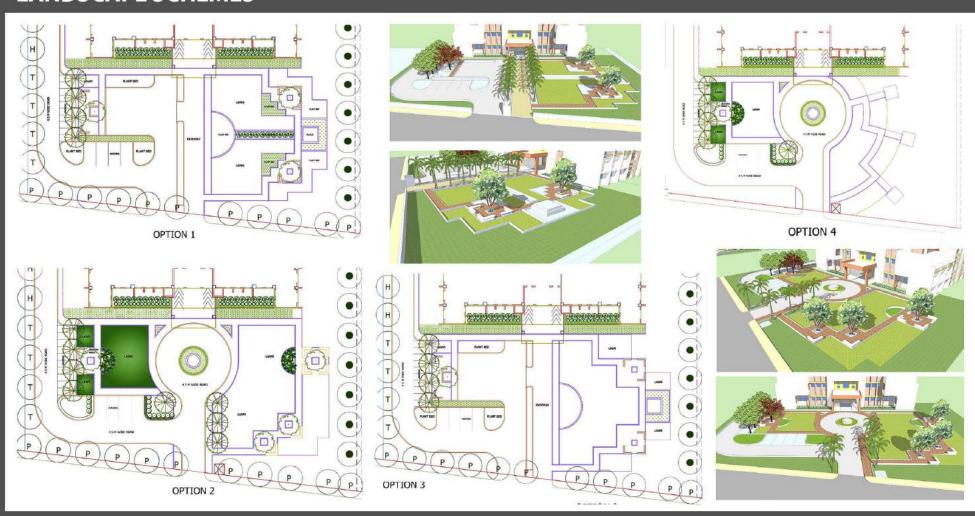


HEALTH CENTRE, SHEGAON (LANDSCAPE SCHEMES)

LANDSCAPE DESIGN



LANDSCAPE SCHEMES



THANK YOU