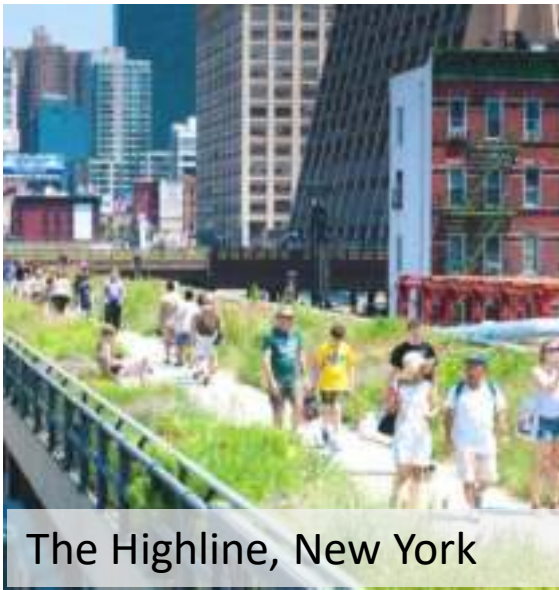


ROLE OF URBAN GREEN SPACES IN ECONOMIC PLACEMAKING – MURP – SECOND SEM

Rationale:

- A comprehensive development program is required
- Focus towards development of urban areas - to enhance the livability - create sustainable living environments for the mixed socio-cultural population

"The measure of any great civilization is its cities and a measure of a city's greatness is to be found in the quality of its public spaces, its parks and squares." - John Ruskin



Environmental benefits of UGS:

- Curb urban heat island effect
- Reduction in temperature
- Energy saving
- Absorbs air pollutants and hence reduce air pollution
- Noise buffers
- Stormwater management
- Houses the indigenous flora - fauna



Social benefits of UGS:

- Opportunity for health related activities. Treats physical and mental illnesses
- Equal access – Inclusive development
- Inspire the art inclined minds for their creations
- Platform for various socio-cultural activities
- Fosters the social capital of a neighbourhood
- Social events – awareness camps, fund raising events can be hosted
- Equal recreational opportunities
- Enhance spiritual values
- Have psychological restorative effects
- Build a strong social capital



Economical benefits of UGS:

- Enhances local occupational productivity
- Enhances appreciation of land values
- Diversifies economic opportunities
- Generates revenue
- Attracts investments
- Optimizes resource utilization



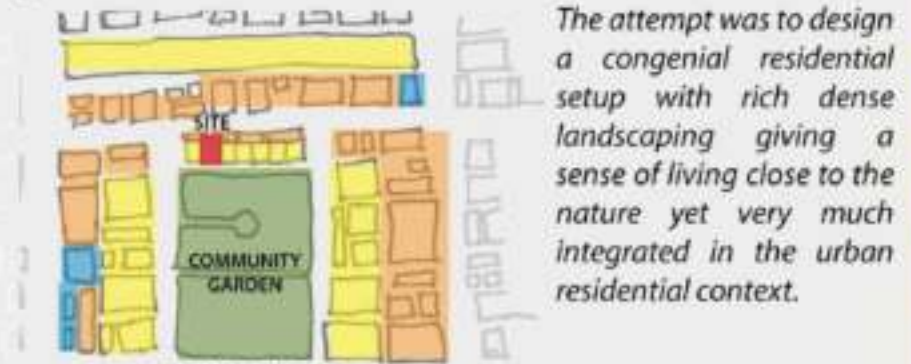
Conclusion:

- Multiple aspects of UGS need to be considered – integration with the overall planning process
- Rule by the theory "Cities – as places to live" rather than idealizing them as just "Growth Engines".
- The public assets should be promoted in their true spirit.

THE HOUSE DESIGN COMPETITION – ARCHDAIS, COMPETITION ENTRY (Participated along with Harshal Bopardikar)

The Urban Residence

A solution for the future urban living... A house is not just a structure but a composition of spaces which imparts the deepest sense of belonging to the user. This urban residence is for a middle aged couple. Son and daughter are married and settled elsewhere. They visit their parents once in a while. It has come to become a very common scenario in the current times. The couple has hence decided to have a Bread & Breakfast (B&B) facility for the travellers to keep their socio-economically engaged. Both have extensively travelled around the world. They are also fond of cultural gatherings and hence demand transformative spaces to suite their needs.



The attempt was to design a congenial residential setup with rich dense landscaping giving a sense of living close to the nature yet very much integrated in the urban residential context.

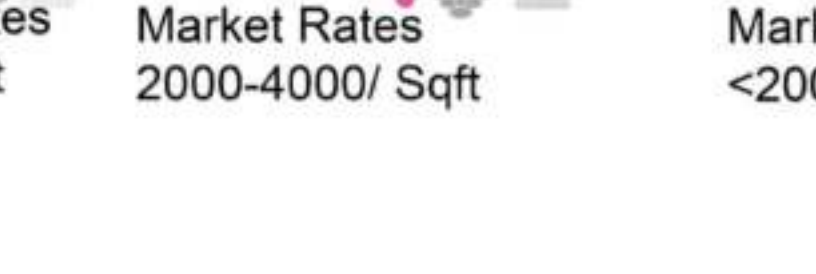
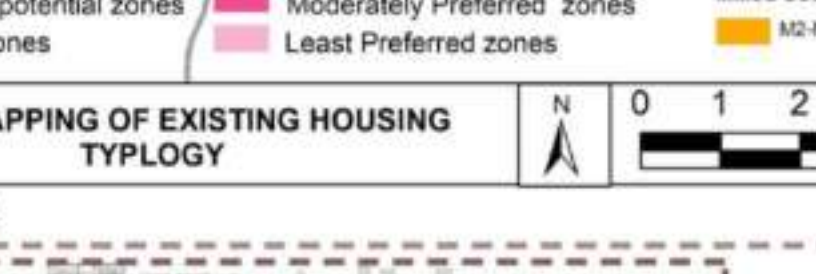
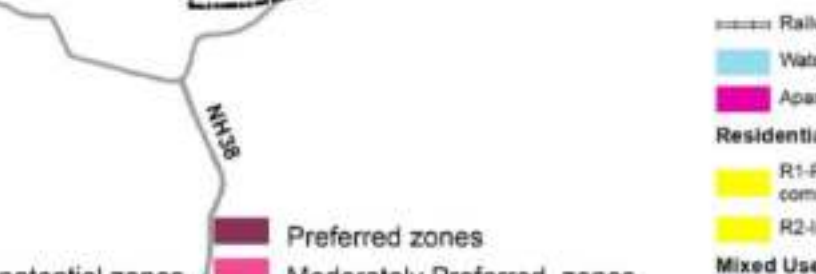
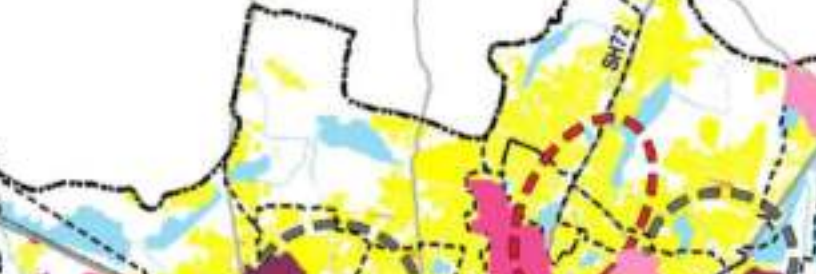
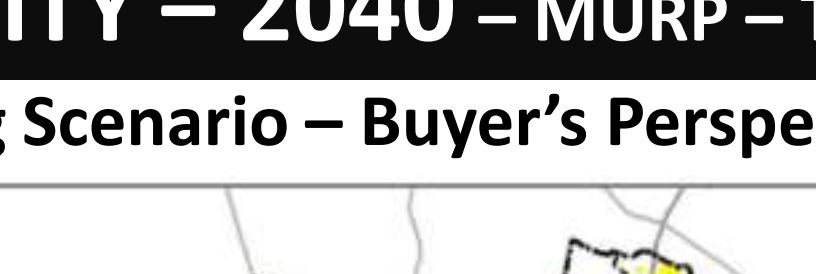
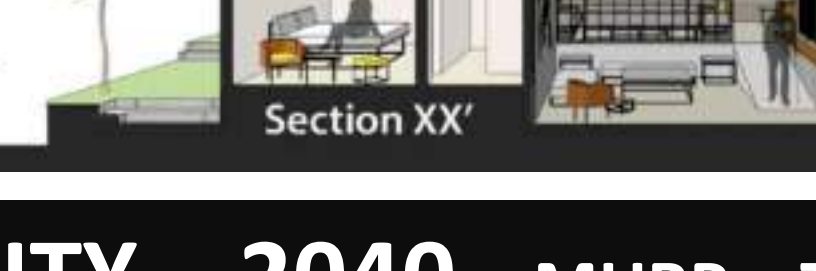
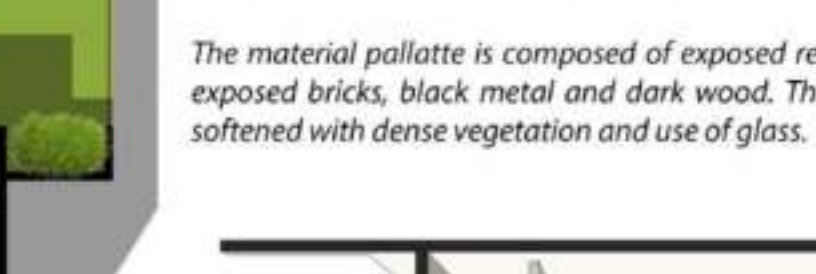
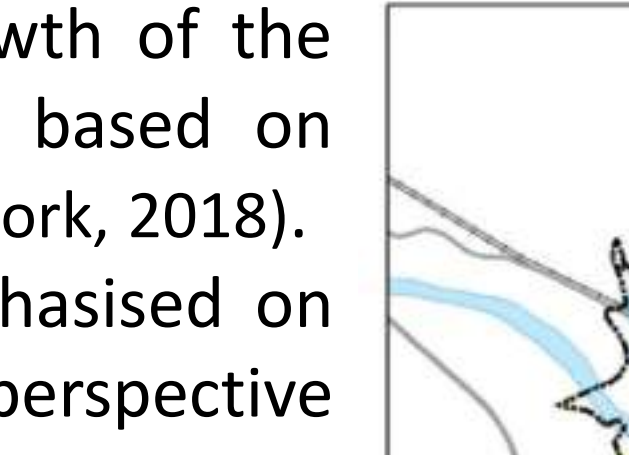
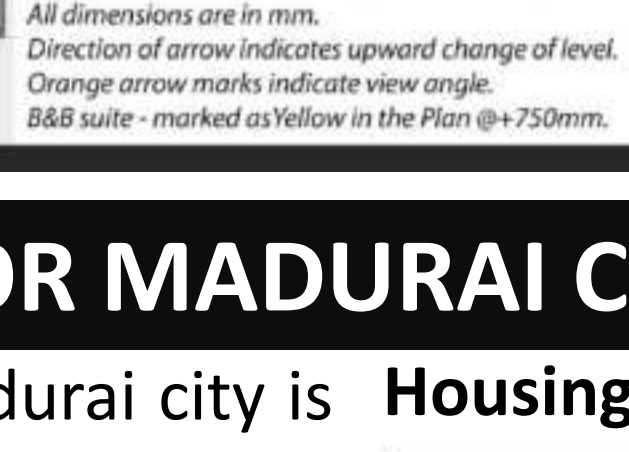
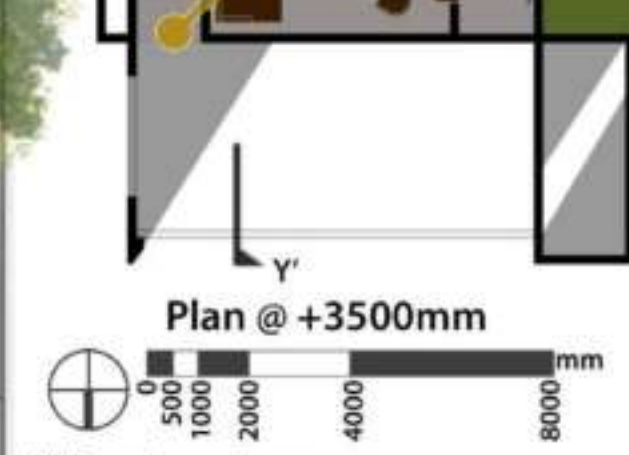
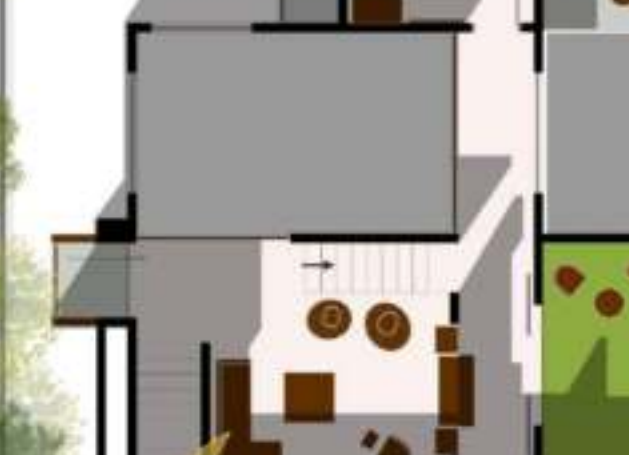


Form development

The house is conceptualized as an integration of built and open spaces. Courtyards are designed to curtail heat gain. The morphology is also governed as a response to site vantage points.



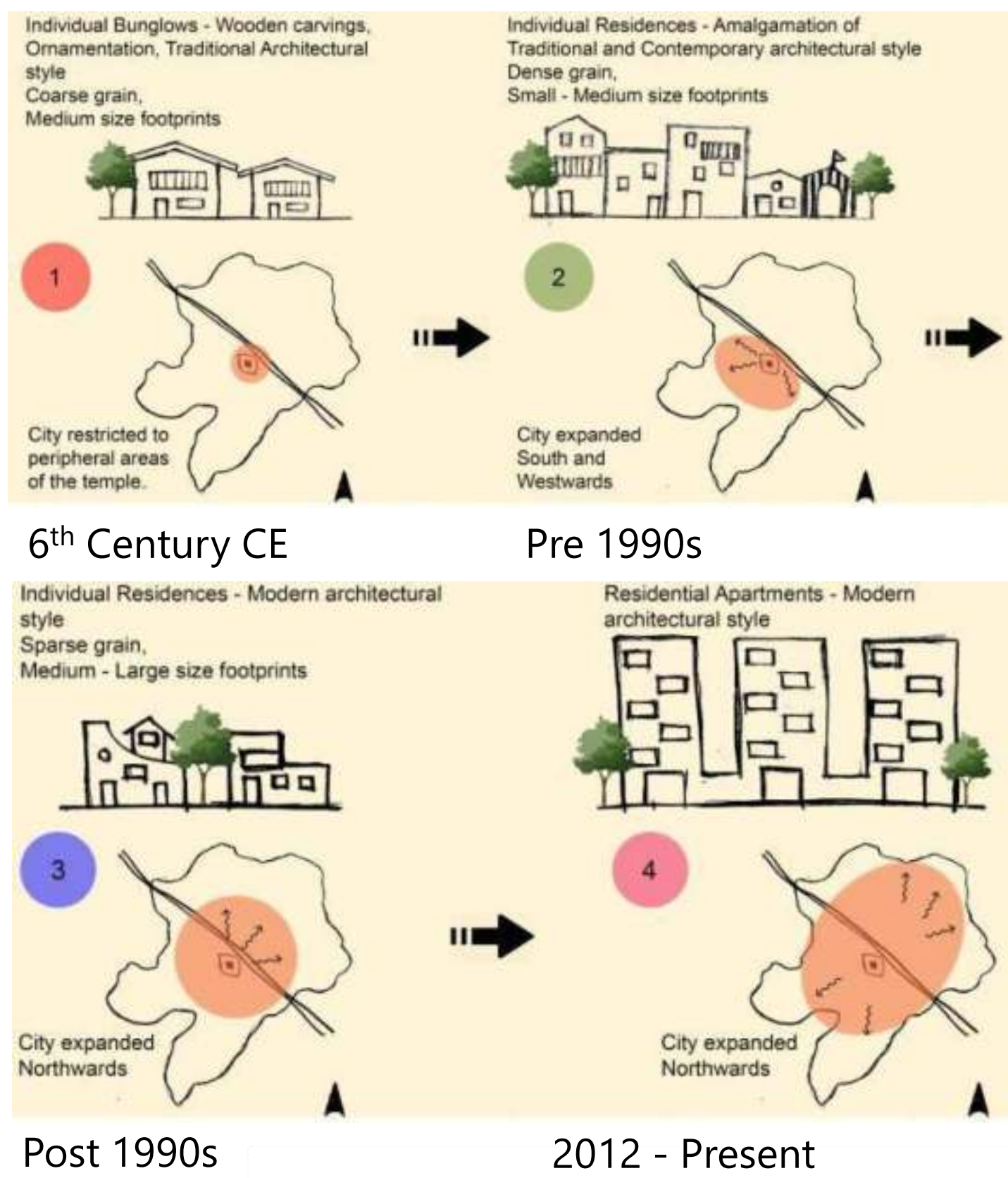
The material palette is composed of exposed rendered concrete, exposed bricks, black metal and dark wood. The visualization is softened with dense vegetation and use of glass.



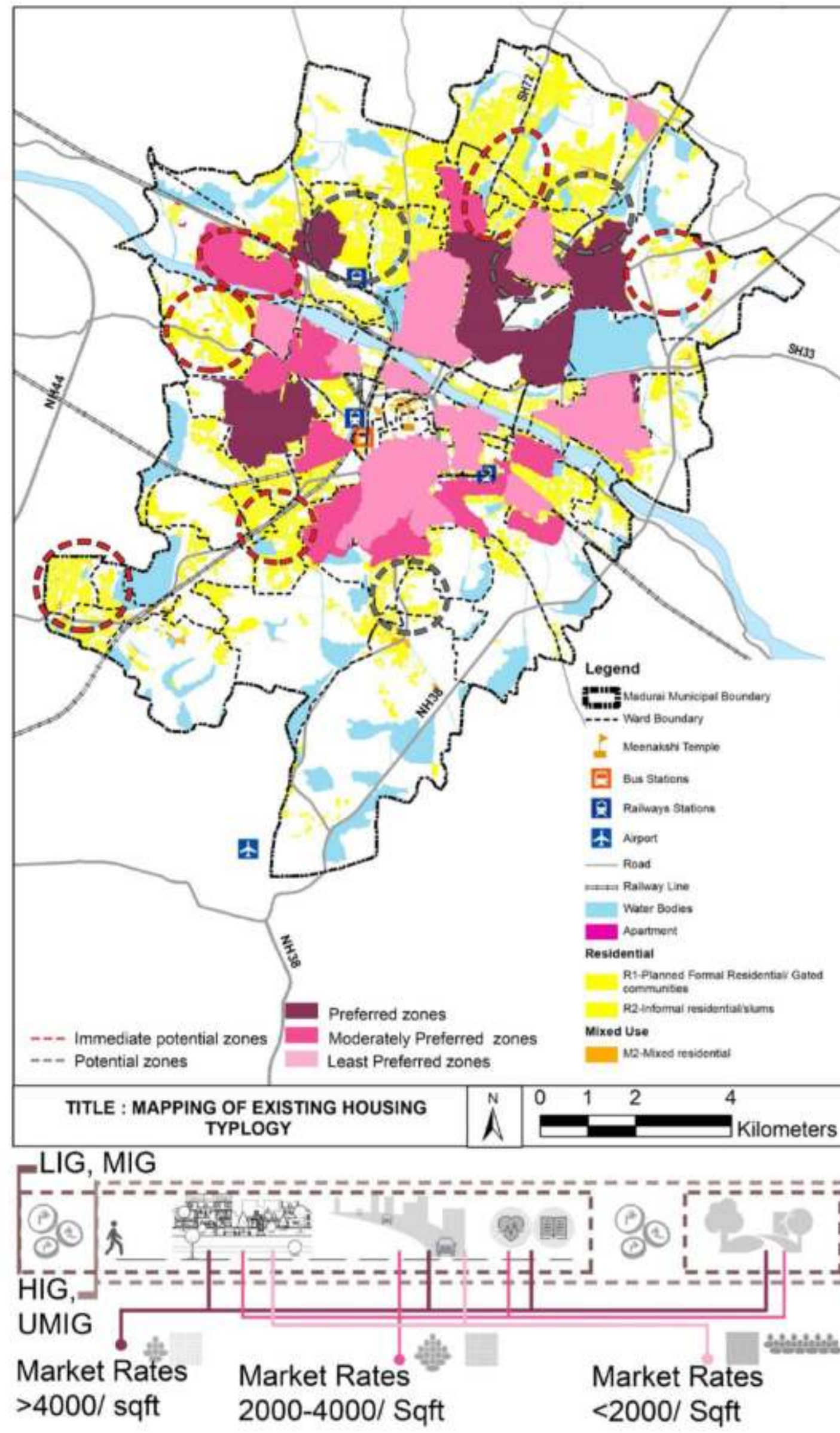
DEVELOPMENT PLAN FOR MADURAI CITY – 2040 – MURP – THIRD SEM (In a group of three persons)

The urban planning studio for Madurai city is aimed at planning for Smart growth of the city. The planning principles are based on NUPF (National Urban Policy Framework, 2018). Hence, the Housing analysis emphasised on comparing buyer's and planner's perspective and proposing for a mixed use and compact development.

Evolution of Housing Typologies



Housing Scenario – Buyer's Perspective



Housing Scenario – Planner's Perspective

