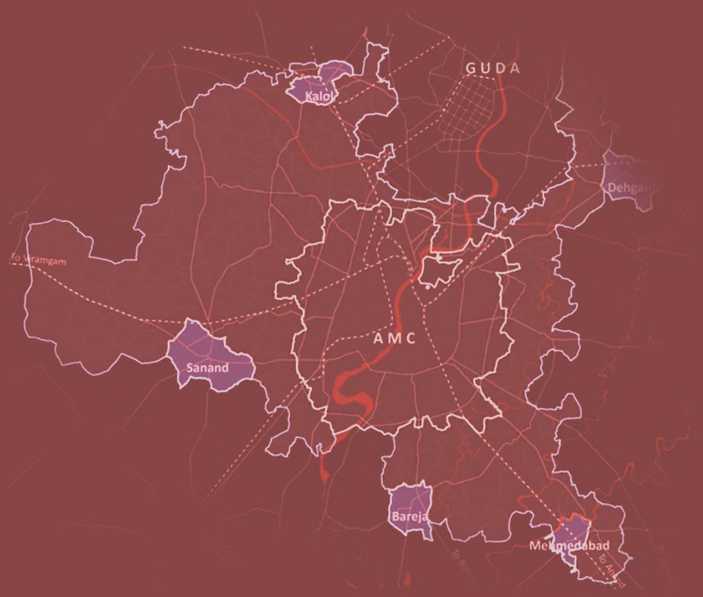
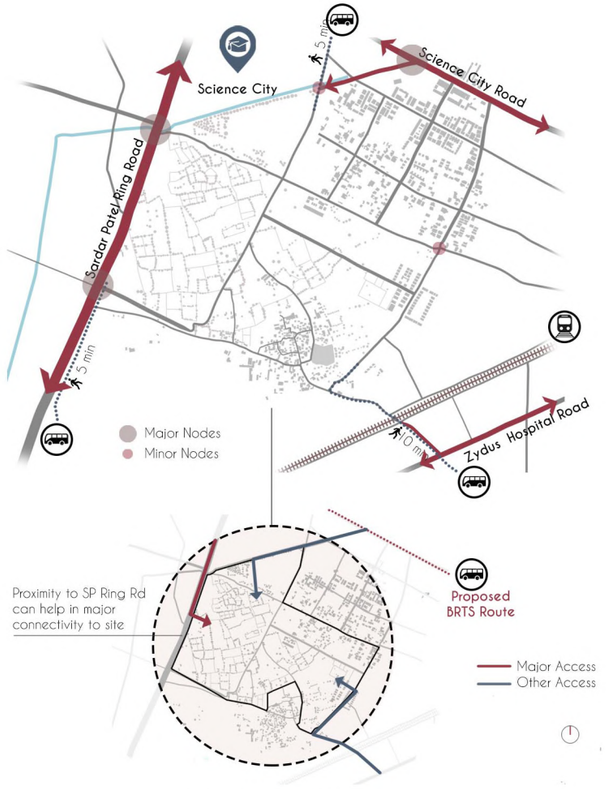


INTEGRATING CONTRAST

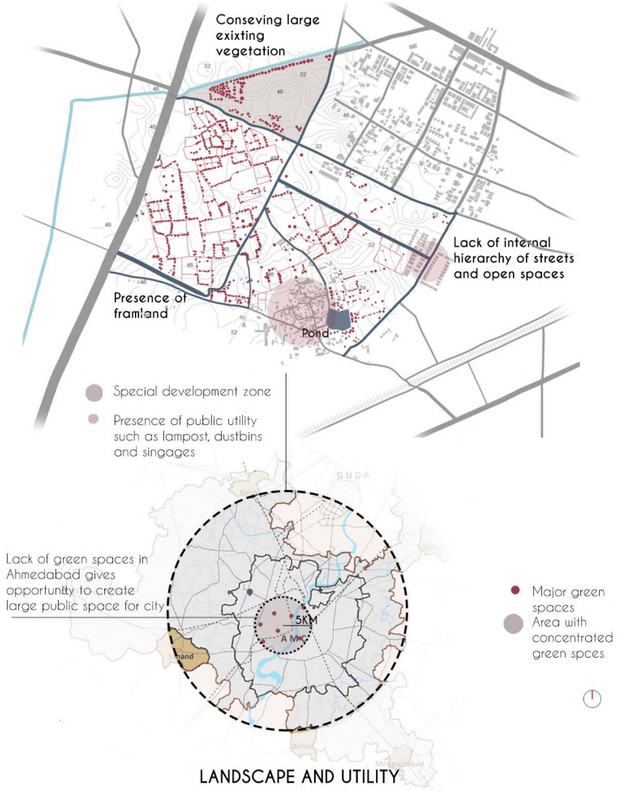
HEBATPUR MATERPLAN AHMEDABAD

The design focuses on creating a city level urban green space located centrally in the township. The open space shall portray varying characters supported by the built form around it. The central open space to be the linchpin for attracting a footfall of varying age groups into the township. The institutional, civic, residential and commercial development further diversify the site. Neighborhood designed to form a safe urban enclosure connected by green linkages leading to the green open space.

The site is designed to have a seamless transition from residential development into mixed-use commercial buildings further merging with the central green space. The walkable pedestrian network & the feeder bus service further enhances the liveability.



LANDMARK AND ACCESSIBILITY



LANDSCAPE AND UTILITY

NEIGHBOURHOOD CONTEXT

SITE ANALYSIS

The 550-acre site is located south to Science city and is well connected through a road network to various important parts of the city. It can be accessed from SP ring road as well as Science city road. Hence it has major potential as it is directly tapped into the regional network of the city. A BRTS line is proposed alone in the science city road. The existing neighborhood has developed majority as residential typology varying from Bungalow to mid-rise structures. The present development pattern suggests rapid development along the major roads and its penetration towards the side. Natural features like lakes and wild forest growth (under SDZ) also add value to the site.

ACCESS
60 mt wide SP ring road with low density traffic is located adjacent to the site.

LANDMARK
Science city being the major attraction brings in many visitors to the site.

VEGETATION
Dense wild vegetation with small foliage can be observed throughout the site.

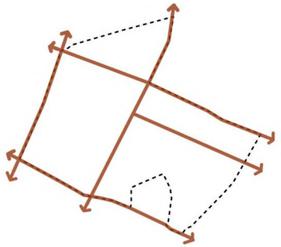
GROUND CONDITION
Majority of the land is in agricultural use. Land use according to DP is residential R3

NATURAL PHYSICAL FEATURE
Natural ponds created at land depression

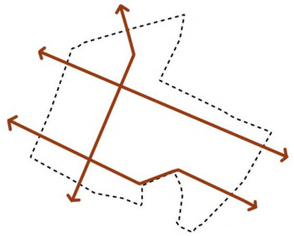
NEW CONSTRUCTION
Mid rise apartments with commercial on ground floor are being constructed

EXISTING BUILDING
In past 5-8 years low rise and private bungalows have been developed

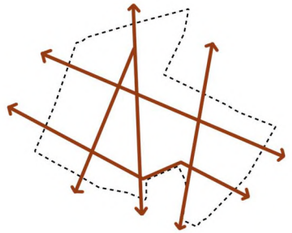
GAMTAL
Old settlement of g+1 structures with kaccha roads



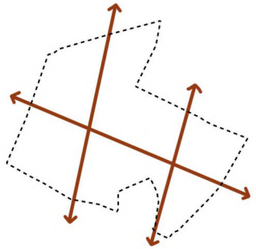
Establishing road network by considering the DP roads resulted in uneven and large block sizes



Bringing in more value through infrastructure by giving offset to road instead of developing it along the site boundaries.



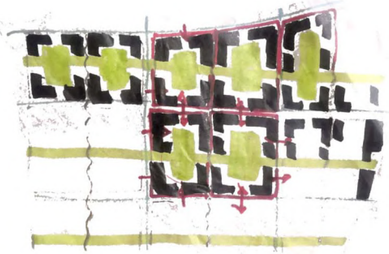
Connecting prominent features on-site resulting in the more complex street network



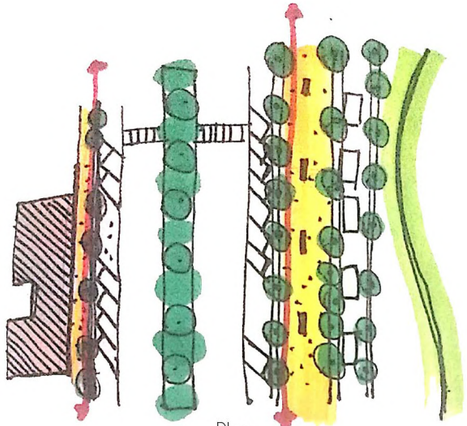
Simplifying the street network by three main boulevards dividing the site into equal blocks

OPEN SPACE

The boulevard along the green space created a disconnect from existing water body. The park at the entrance to site divided the focus. The private courtyards interconnected each other and were further linked in vertical and horizontal manner to central public space

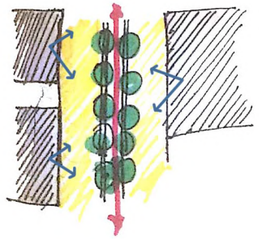


Linking the courtyards for seamless transition within the blocks

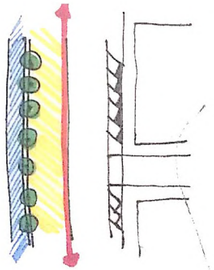


Plan

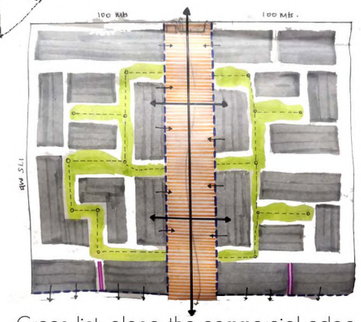
Boulevard along mixed use and central public space



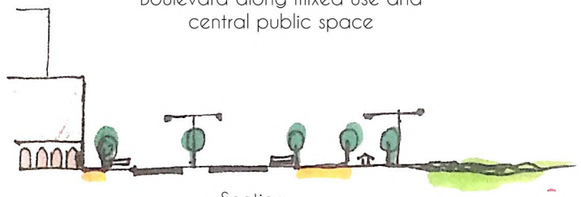
Green links - opens at ground floor opening towards street



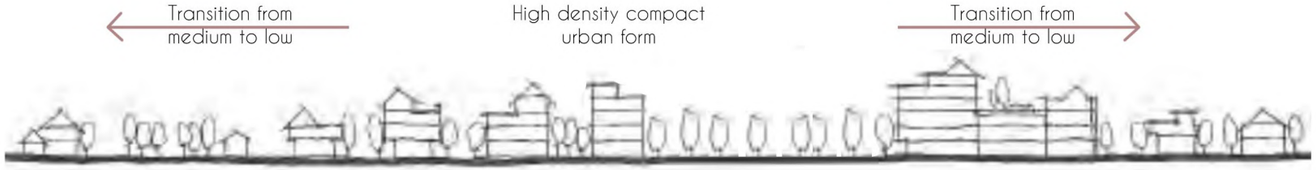
Promenade along the canal front



Green link along the commercial edge. The continuous building edge created a frame and movement towards central public space. The active ground floor will result in flexible public activities



Section



THE PROCESS