

DESIGN STRATEGY

Vision
Objectives
Design strategies
Streetnetwork strategy
Building use strategy
Open space strategy

VISION

The vision is to create a township with a distinct identity harbored by a centrally located city level park which is encompassed with mixed use development further connecting a vibrant and walkable neighborhood facilitated by a robust street network.

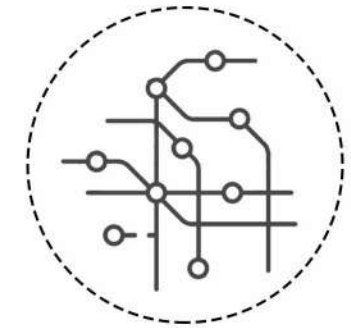
OBJECTIVE



To give **distinct identity** to the township through public space.

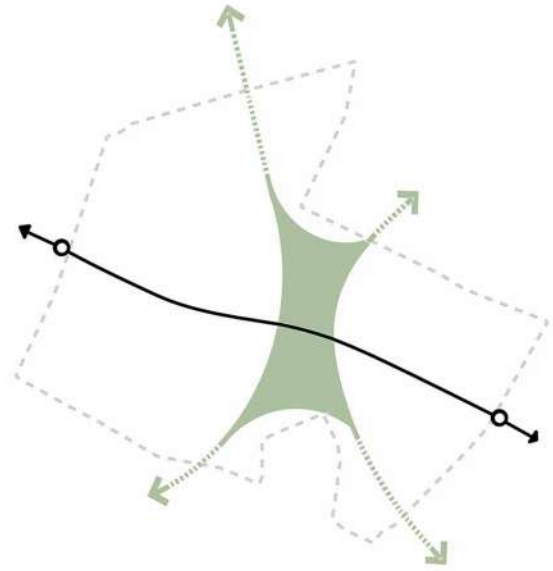


Commercial and mixed use development around green to create a **vivid character to space.**



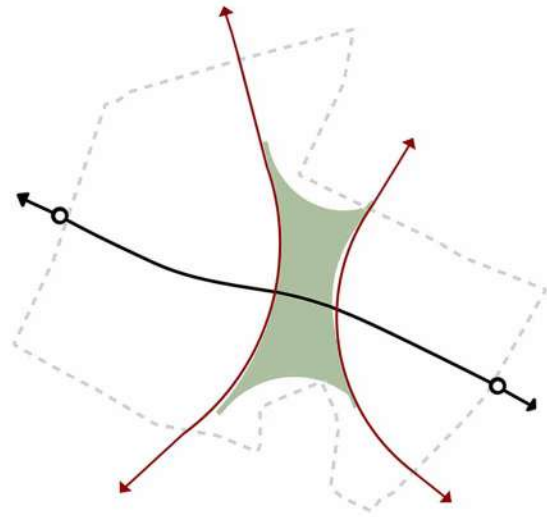
To develop **robust street network** which is well connected to green space, in city as well.

DESIGN STRATEGY



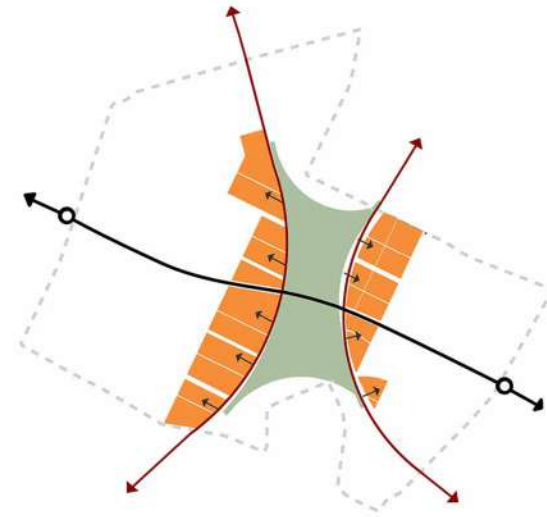
CENTRAL PUBLIC PLACE

The idea is to create a central urban park and establishing connection between SG highway and SP ring road



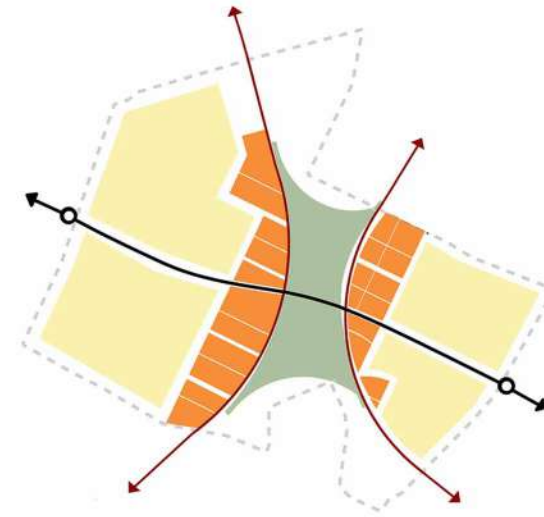
LINKING THROUGH BOULEVARDS

Connecting existing neighbourhood to central public space by bridging it through boulevards



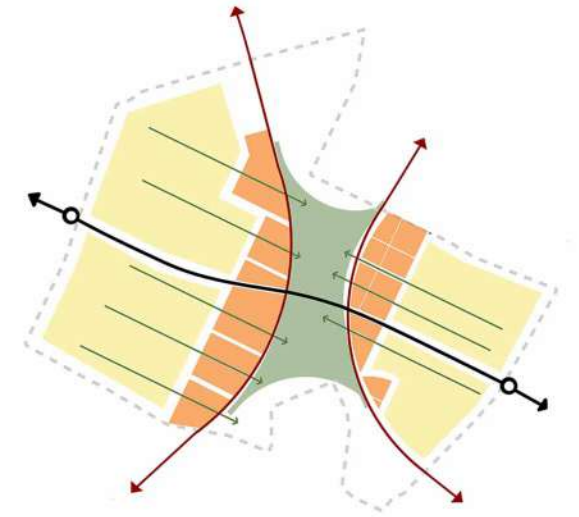
MIXED-USE DEVELOPMENT

Framing mixed-use development to enrich public activities and creating active frontages



RESIDENTIAL POCKETS

Forming residential neighborhood pockets to create a safe urban enclosure



GREEN LINKS

Linking neighborhoods through horizontal greens to create a dedicated pedestrian movement

THE BOULEVARDS
Boulevard connects SP Ring and SC highway. The mix used along the boulevards is major activity generators for central public space.

SCIENCE CITY

SCIENCE CITY ROAD

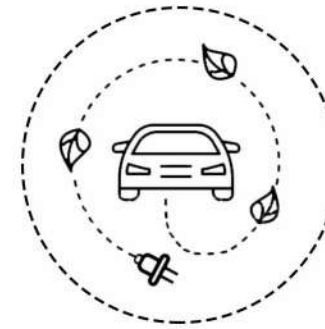
SP RING ROAD

CENTRAL URBAN PARK
Integrated with existing natural elements and urban function, the green space becomes a city level public space that brings together the city's life and activities in the core of the township.

GREEN LINKS
The green corridors linking to surrounding built form invites to the larger public space activating the building edges between urban blocks.

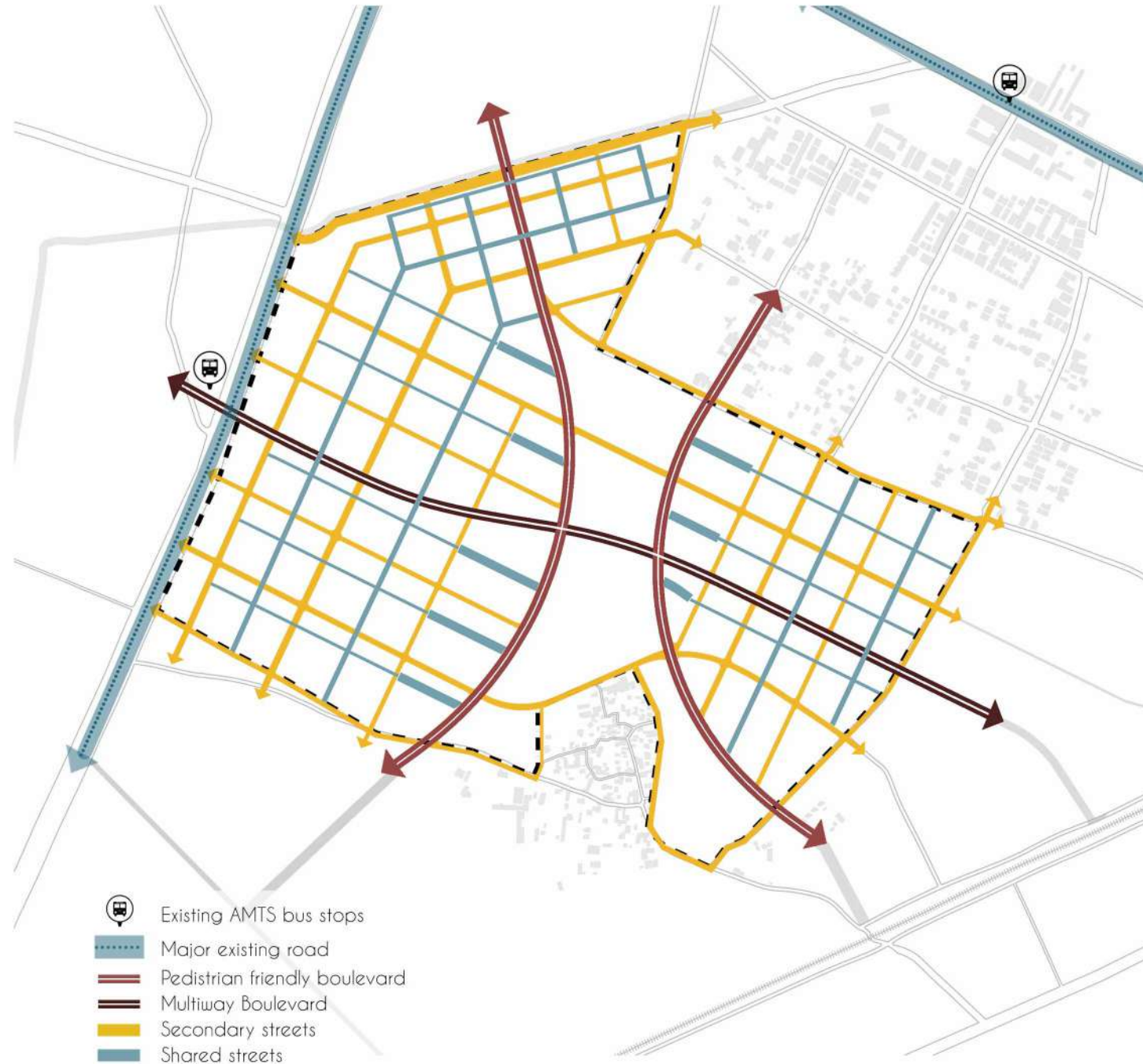
MASTER PLAN





STREET NETWORK S T R A T E G Y

Prioritization active and sustainable mobility choice
Accommodating diverse uses
Street activities influenced by adjacent building use



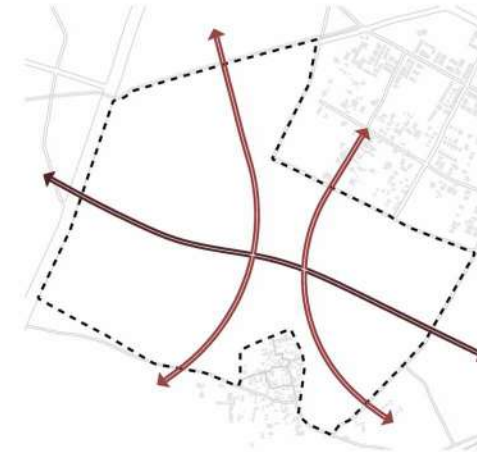
BOULEVARDS

Multiway Boulevard

36 mts | 50km / hr

Pedestrian friendly boulevard

30 mts | 30km / hr



The multiway boulevard establishes an east-west connection through the site linking it to the city. Pedestrian friendly streets run along the central green creating a seamless transition between the builtform and the urban open space. The design strives to enhance the pedestrian experience by incorporating traffic calming strategies.

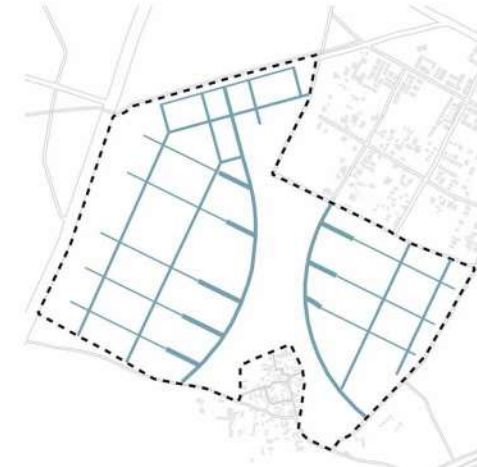
PEDISTRIAN NETWORK

Green Links

10-25 mts | 10km / hr

Shared streets

9 mts | 10km / hr



Shared streets have no physical distinction between pedestrian walkways and cyclist routes. The variation in paving patterns helps in identifying the shared street. Green links connect the neighbourhood to central public space. The design focuses on bringing about a shift of character from highly active commercial centre to a calm residential neighbourhood.

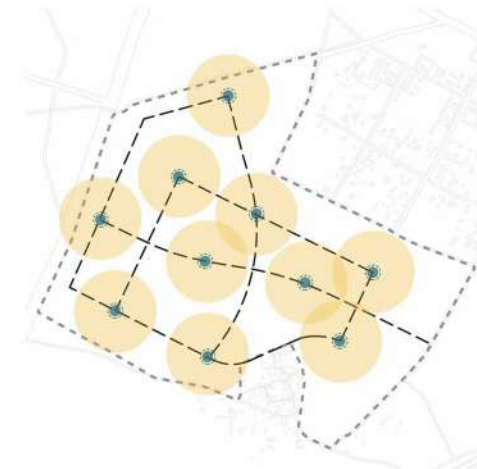
FEEDER BUS SERVICE

Secondary streets

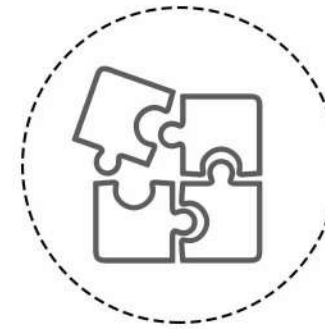
8-30 mts | 30km / hr

Walkable distance

400 mt dia



The site shall have an exclusive dedicated feeder bus services to cater to the township. The strategic location of the bus stop covers about 80% of the township into walkable distances creating easy access to the public transport. The stops are further connected to the AMTS bus stops at SP ring road and Science city road. The bus stops create an active bustling node of mixed use development, with high commercial and retail activity on the ground level with residential on top.



BUILDING USE STRATEGY



Flexibility in building use with specified minimum and maximum usage
High value frontages for higher economic value
Creating a strong and safe urban enclosure



MIXED-USE

High density | G+10 to G+15

Mixed-use development aimed at fabricating high-density along the central urban park. The buildings are designed to build to line, which ensures active frontages by maximizing ground level activities. Flexibility in terms of residential and commercial use has been inculcated to accommodate market demand and fluctuation.



RESIDENTIAL - RETAIL MIX

Medium density | G+ 7 to G+10

The residential mix is developed along with the feeder bus network such that station or stop are located where you can shop, access retail, buy food, access public services, or get engaged in other public activities that are an integral part of your daily life. This helps in activating nodes with public activities making the streets safer.



RESIDENTIAL

Low - Medium density | G+ 2 to G+ 10

To encourage diversity in the income groups, housing ranging from affordable to luxury housing have been developed. The high end apartments are strategically located overlooking the canal. The other residential typology such as EWS housing and Bungalows are placed on the edges to the township to merge with the neighborhood. The residential pockets created help in achieving a safer and calmer environment for residents.



OPEN SPACE STRATEGY

Amenities catering to township as well as city
Inclusive public space with various character
Diverse users by incorporating different typologies along it



CENTRAL URBAN PARK

Active core and frontages with public generating activities

The central urban park creates a physical and visual connection with the surrounding environment. The mixed use building along the park helps in creating an active edge. The design focuses on providing a convenient and safe connection for cycling & walking facilitated by public transport networks which are easy to access and navigate. This ensures that design maximises accessibility, and provides a safe and legible movement networks that cater to all age-groups. Incorporating simple, uncluttered areas in the design that are flexible and adaptable to a range of activities allows multiple users to happily coexist.



GREEN LINKS

Connecting neighborhood to urban park

Green links not only physically connect but creates a visual corridor from residential neighborhoods towards the central green. Green characterized by different characters. For example, along the commercial edge, it has cafes, boutiques, and restaurants whereas towards neighborhood level it is triggered with informal markets and vending activities.



NEIGHBOURHOOD PARKS

Seamless connectivity from private to public open space

Carefully planned courtyards and clustering of facilities help in creating an active open space for people to meet, socialize, and spend time together in the park. Development of greenways which create a seamless connection between private courtyards to central public space, forms a green movement network across the township. Interlinked community facilities, informal activities and local businesses help create an informal surveillance.

