

# SELF SUSTAINED LIFESTYLE

@ VIKARABAD

LIVE . LEARN . WORK . PLAY

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Once upon a time...



THE VILLAGE LIFESTYLE

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# THE HOUSE

- With local materials
- Built suitable to local climate
- Dependent on renewable energy
- No air conditioning, no plastic
- Took fresh air everyday
- Embraced beautiful night sky
- Was always a social being



# THE FOOD

- Practiced permaculture
- Ate farm fresh green and clean vegetables
- Got bare necessities from nearby forests
- Did more physical exercise



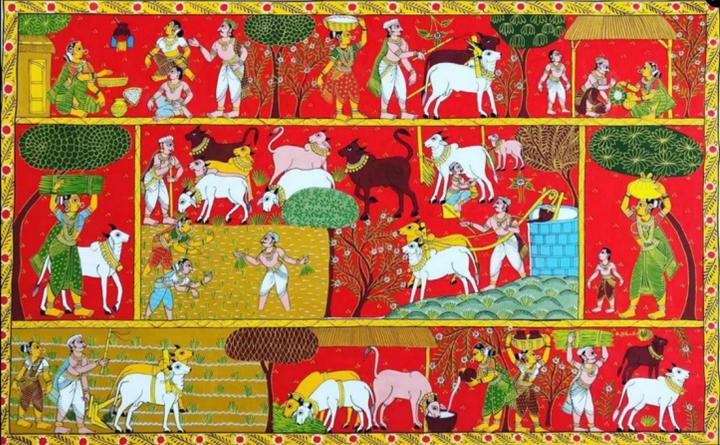
# THE WORK

- Spent time in farms
- Valued traditions and skills that have survived down the ages
- Facilitated humane transfer of skills.



# THE SUPPORT SYSTEM

- All the occupations such as carpentry, weaving, sculpture, pottery, trading act as a support system to the framers.



# THE LEISURE AND PLAY

- Played Sports
- Participated in cultural activities.



## And now....

Redefining the urban living by adapting **sustainable lifestyle** practices.

The community is proposed to be organized as a sustainable living community that has **a cluster of homes nestled** within **green zones** and **dense Miyawaki forest**. The house is made up of **local materials** and the design helps to reduce the carbon footprint. Renewable energy sources such as **Solar pavilions** for uninterrupted eco-friendly power supply and carbon fuel free roads are encouraged.

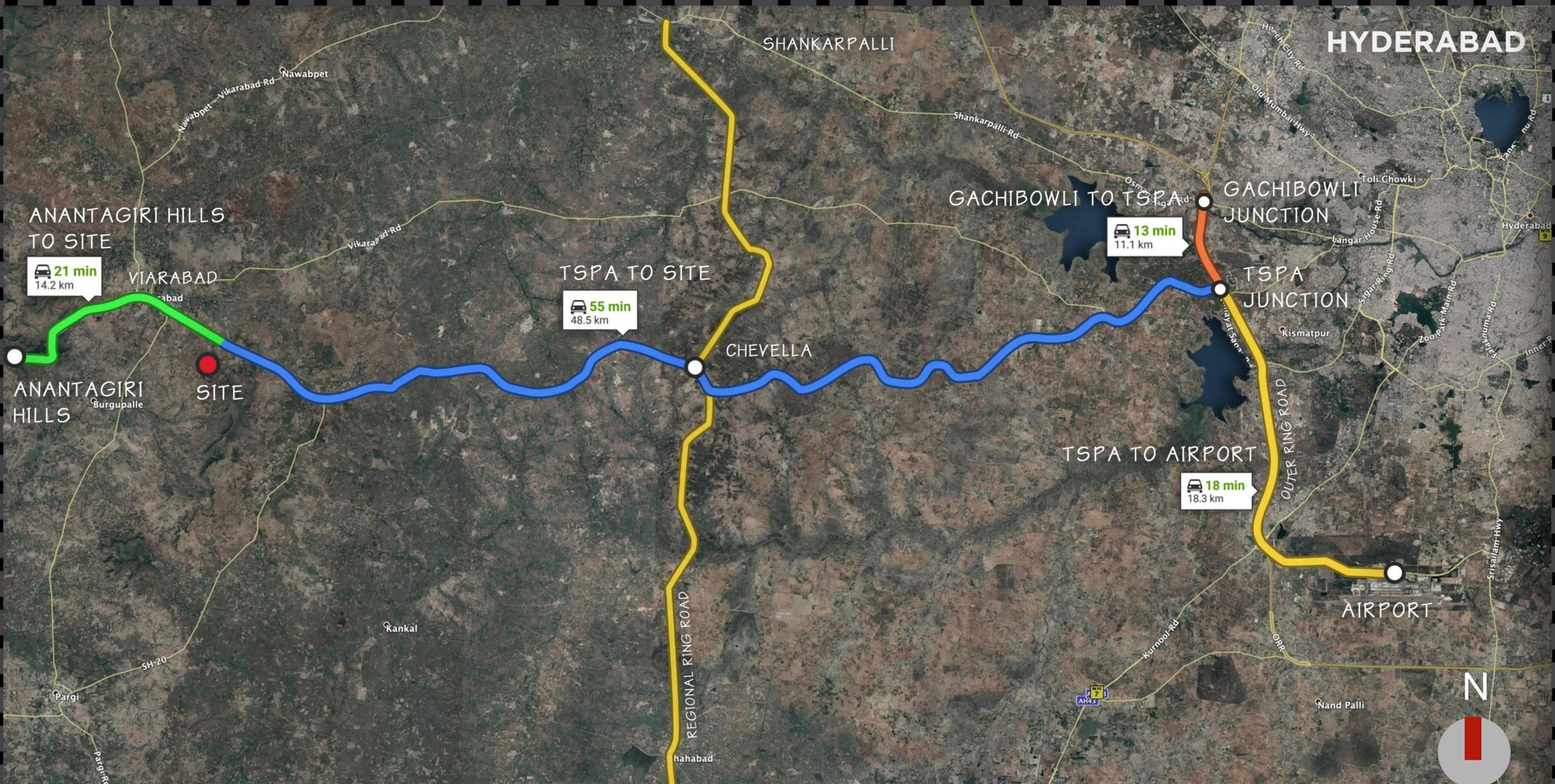
one can grow their own **Permaculture garden and trade their produce to different permaculture communities**, also a local dairy produce helps the dairy needs of the community (**goshala**).

spaces like **working studios, incubation centres, e learning hubs and arts and crafts pavilions** are proposed for peaceful working and learning. and a **regenerative as well as recreational landscape, for both an urban as well as rural experience**.

The green contains a number of amenities such as **pavilions for gathering** which are also designed as **solar collectors, fields and tennis courts, and community gardens** for families.

Living off the grid is established with **a privacy gradient** with each cluster being structured around **cul-de-sac** - from which **pedestrian access** is granted to the **central green, water streams, ponds and communal facilities**.

# REGIONAL CONTEXT

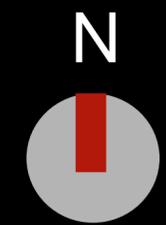


# SITE CONTEXT

THE SITE IS ABUTTING A FOREST

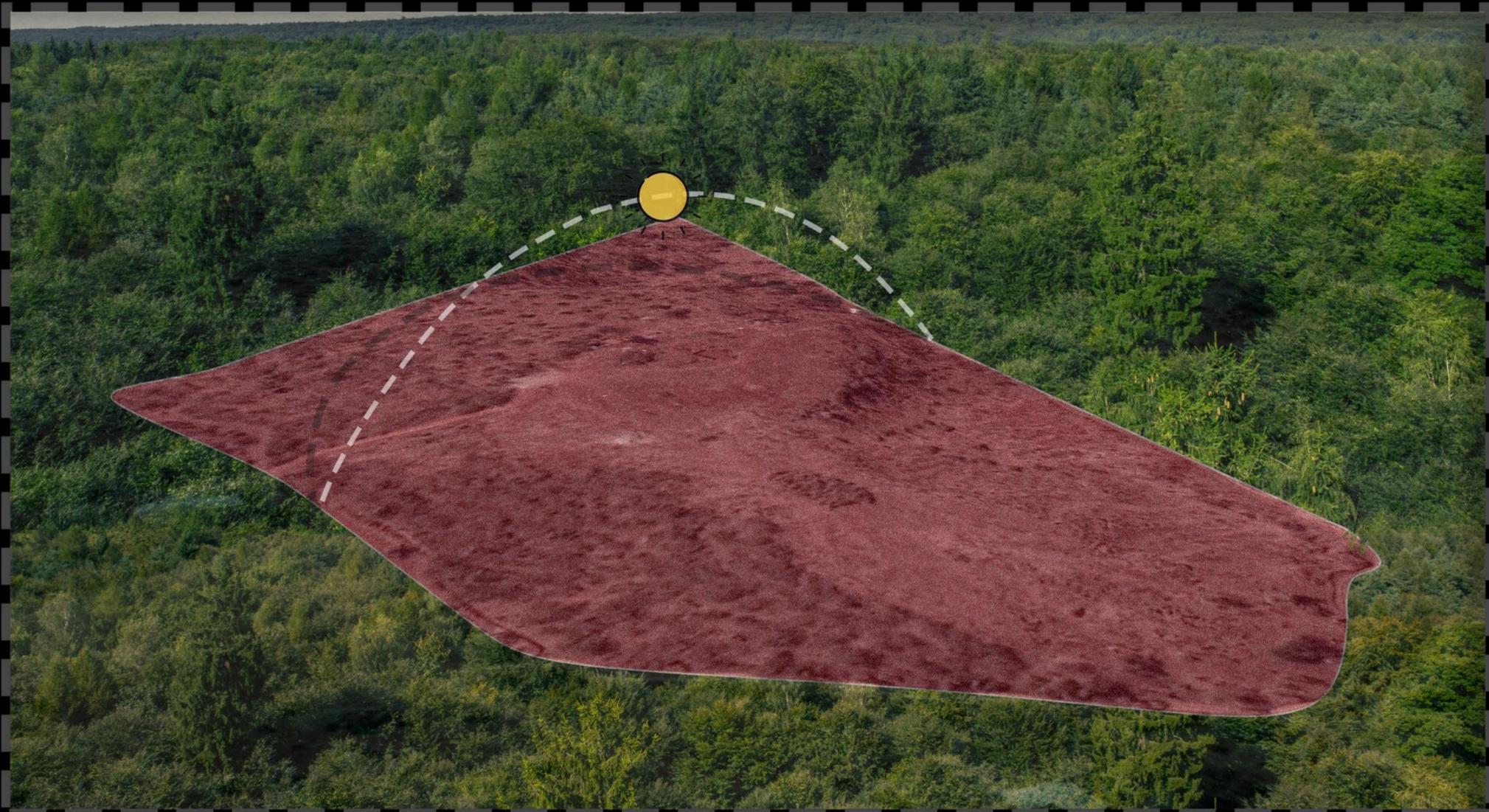


SITE  
135 ACRES



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# SOLAR AND WIND PATH

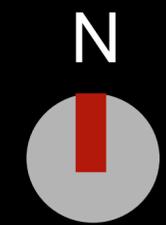
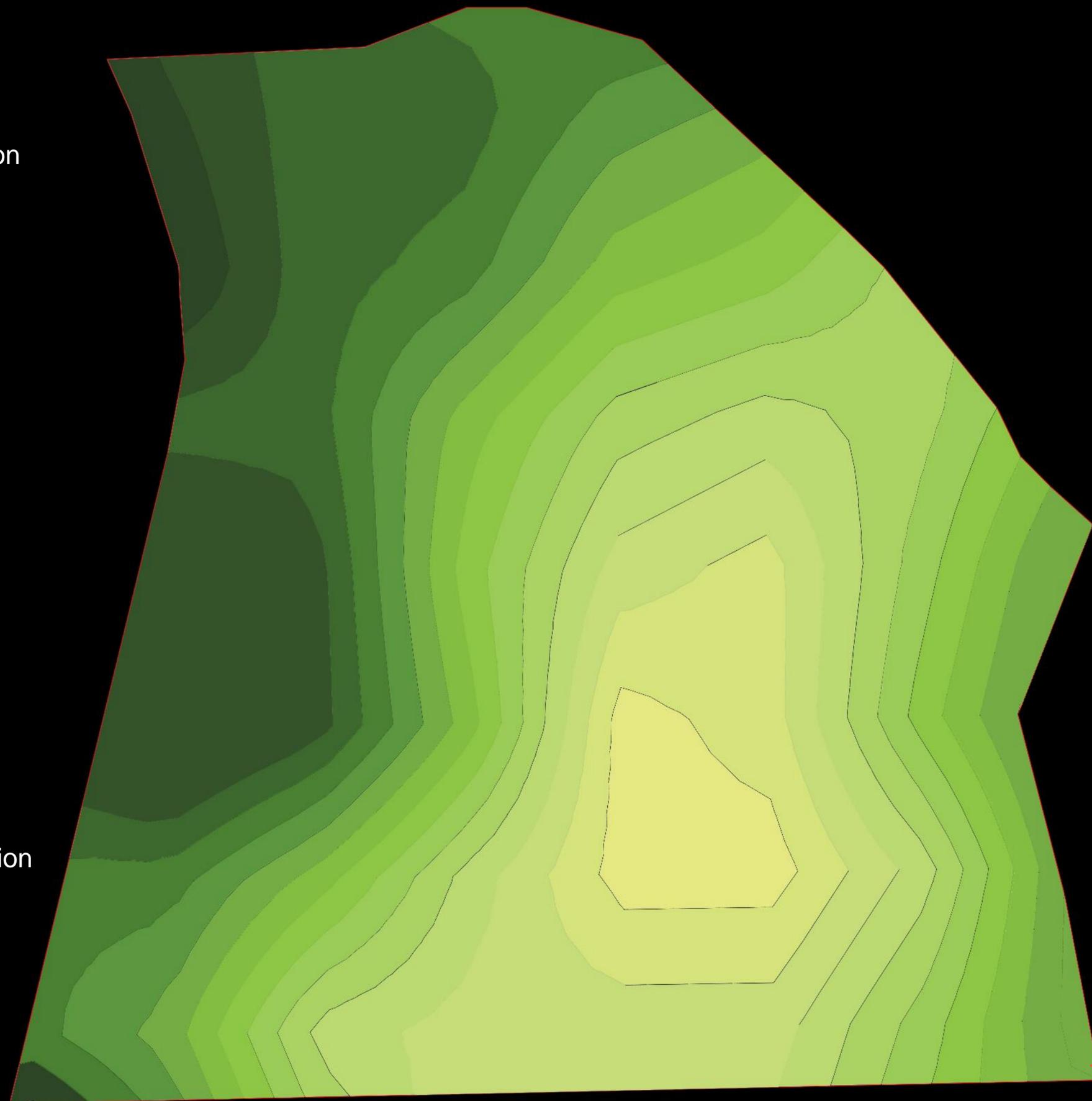


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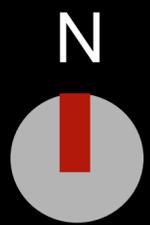
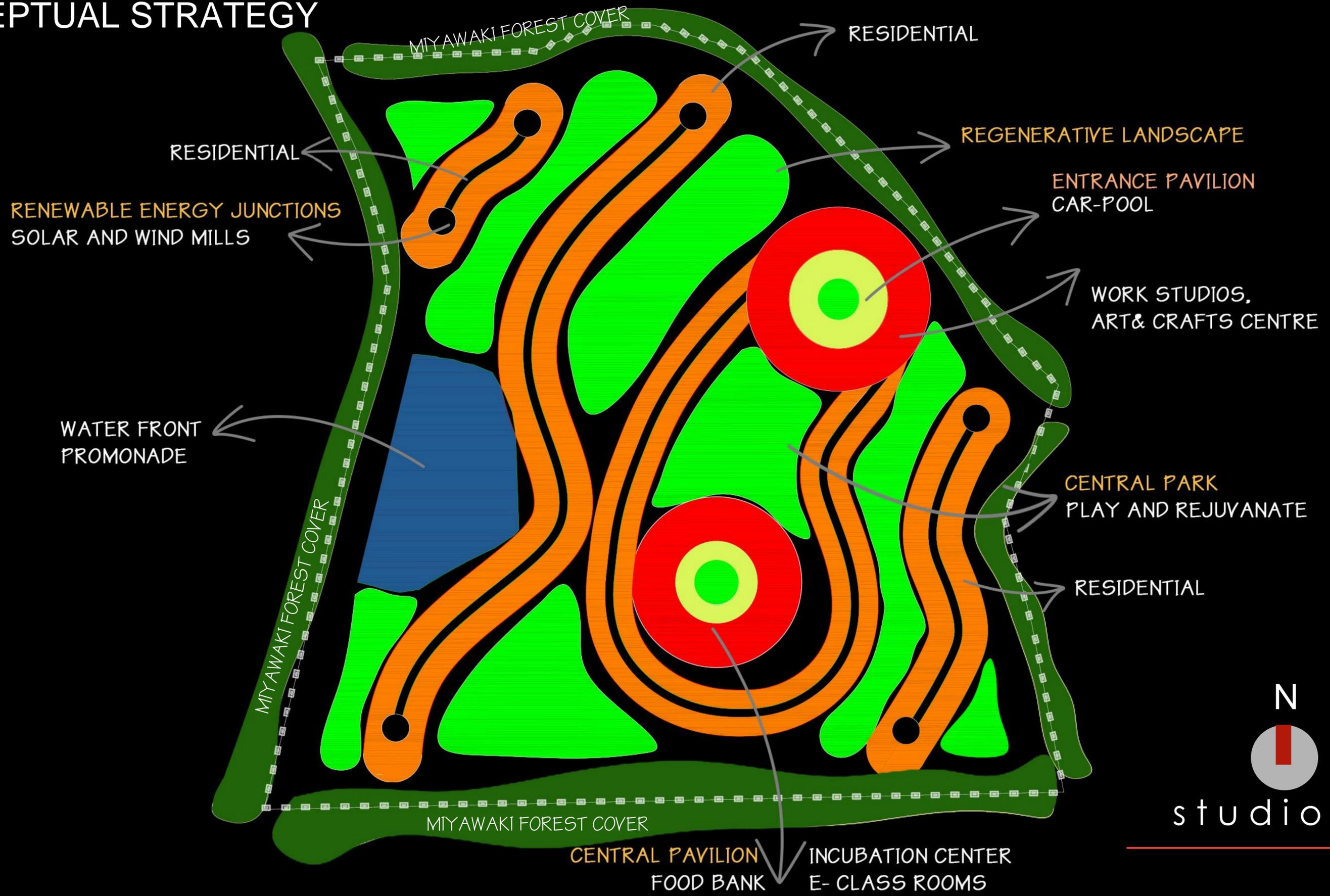


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# TERRAIN



# CONCEPTUAL STRATEGY



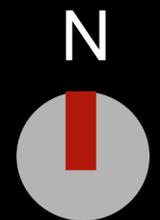
# RESIDENTIAL PLOTTING

## CROSS SECTION

CROSS SECTION EXPLAINING UNINTERRUPTED FLOW OF FLORA AND FAUNA IN THE ENTIRE MASTER PLAN

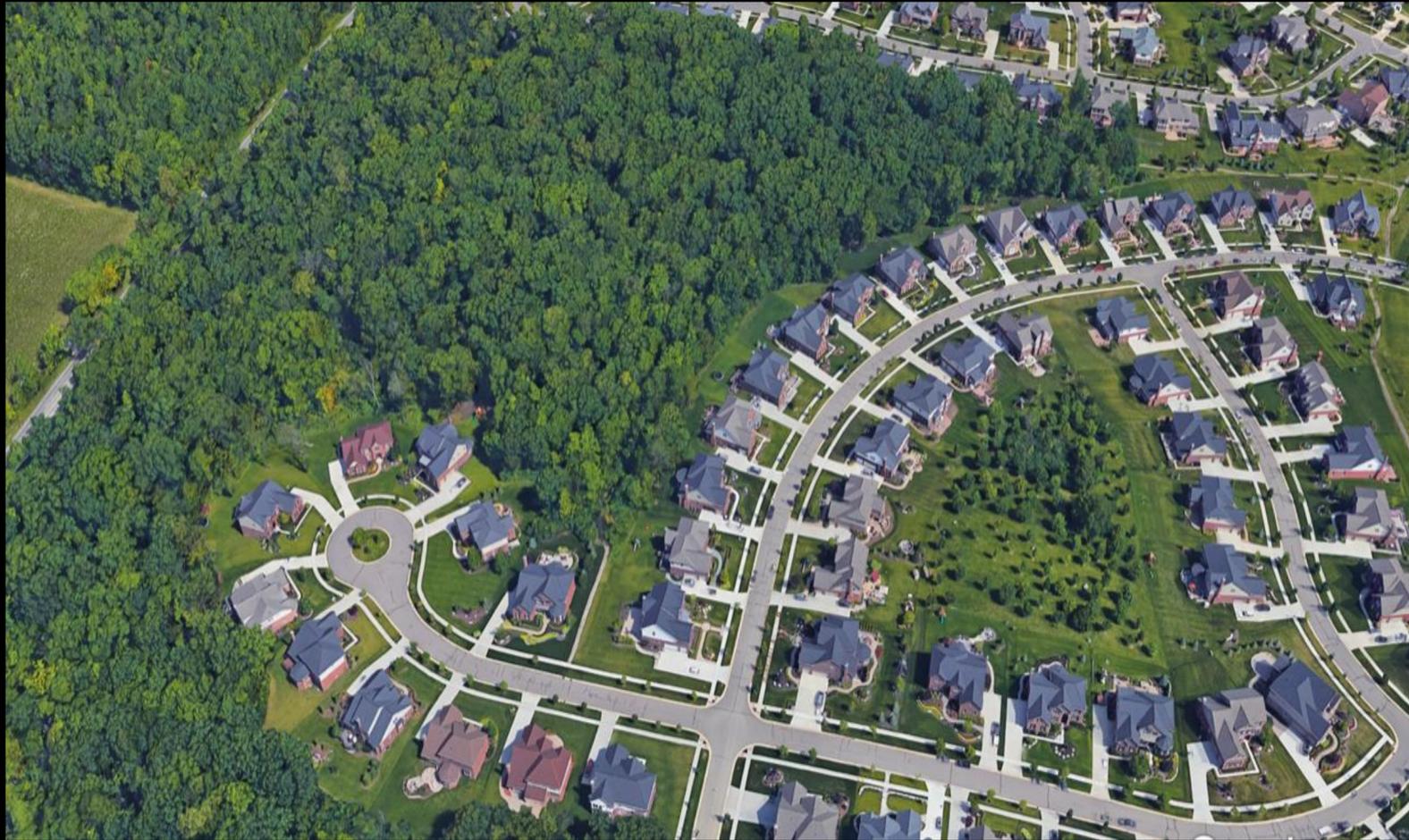


PLAN EXPLAINING FOREST ENCOMPASSING EACH AND EVERY PLOT  
STAGGERED PLOTTING TO MINIMIZE THE CONTACT WITH NEIGHBOURING PLOTS



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# RESIDENTIAL PLOTTING CUL - DE - SAC & WATER FRONT PROMENADE



# STREET SCAPE

ESCAPING INTO THE INFINITY - TO THE **BREATH TAKING VIEWS** OF **FORSTS** ON THE STREETS

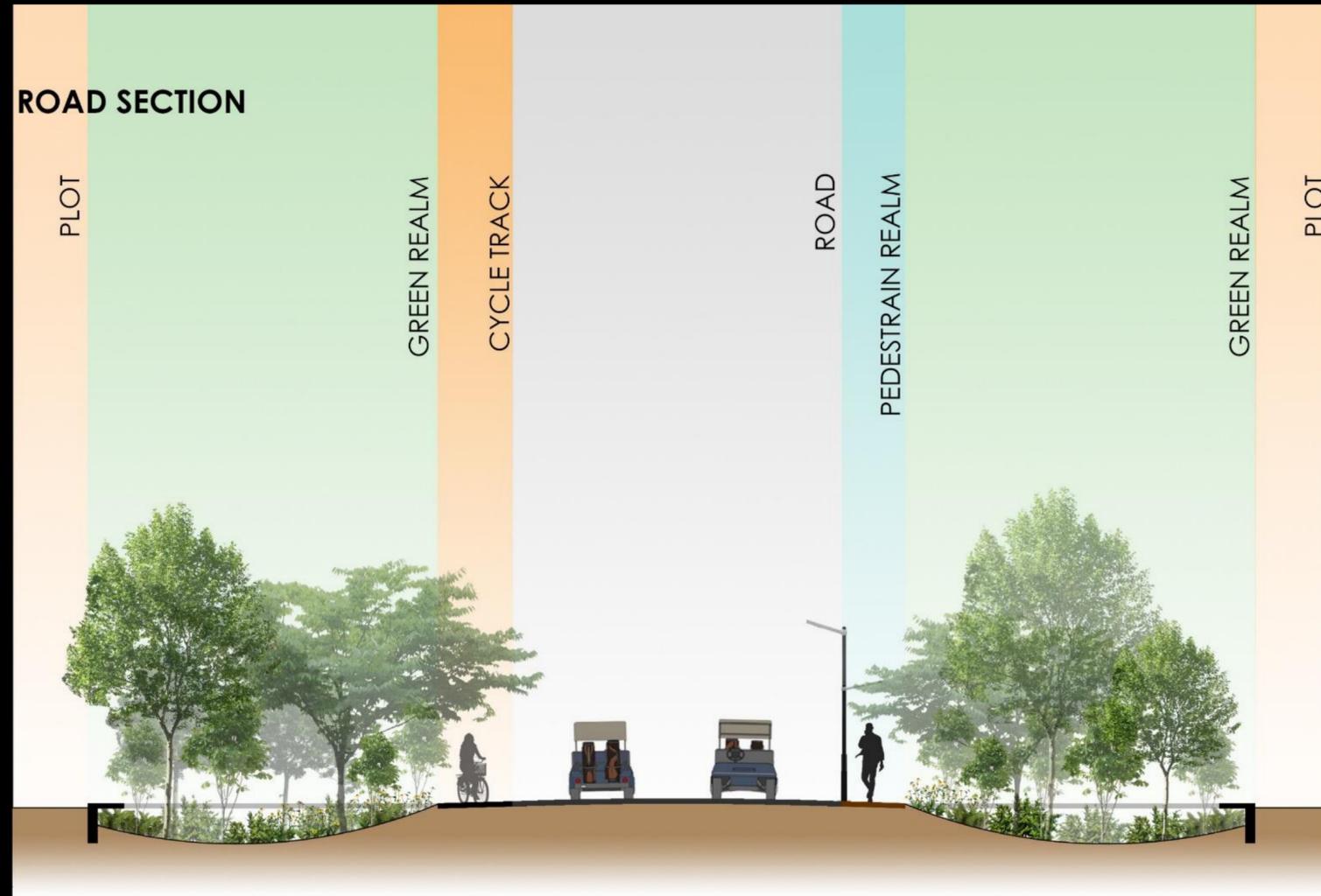
**GREEN REALM** ON THE EITHER SIDES OF THE STREET - **HIDING OUT** THE RESIDENTIAL UNITS

POLLUTION FREE STREETS - **ZERO CARBON** MOBILITY ON STREETS

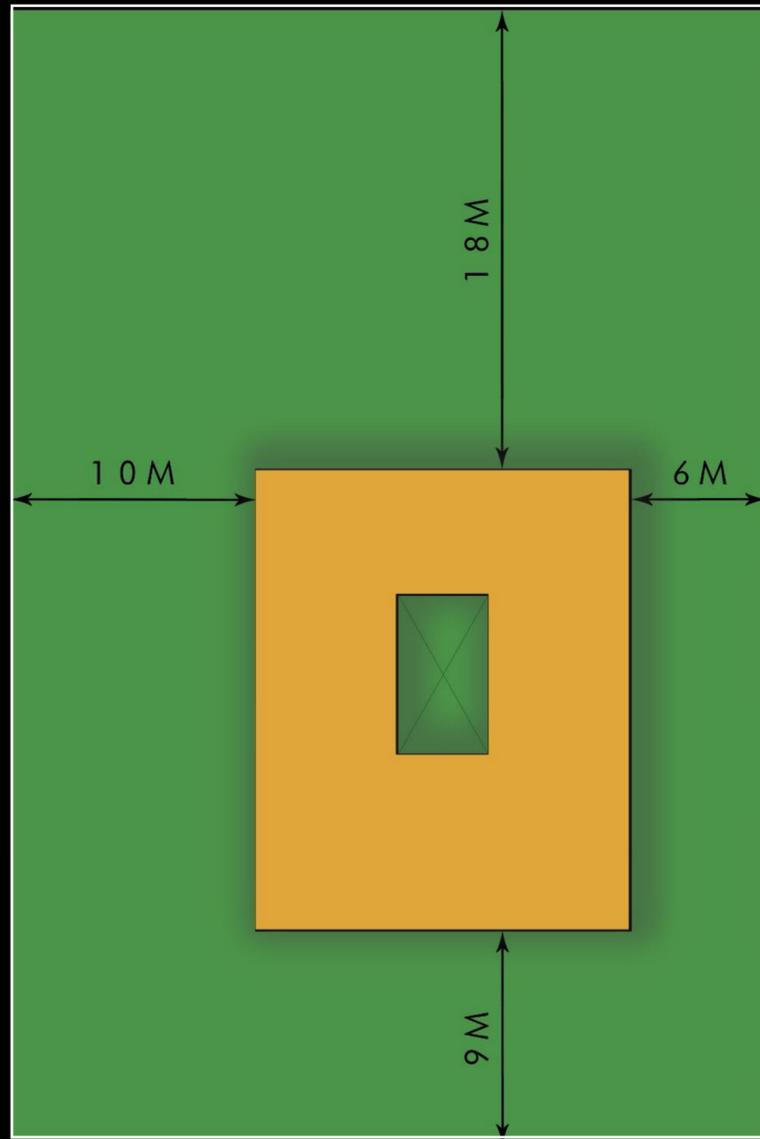
**FOSSIL FUEL** BURNING IS **RESTRICTED** TILL ENTRY PAVILION CARPOOL

GREEN WALK WAYS - **WELL LANDSCAPED** STREETS ENCOURAGING WALKING AND CYCLING

STREET LIGHTING WITH RENEWABLE ENERGY



# THE HOUSE



RECOMMENDED MINIMUM PLOT SIZE – 1200 SYD

WITH A CENTRAL COURTYARD TO ADDRESS LOCAL CLIMATE AND RESIDENTIAL FUNCTIONALITY

USE OF LOCAL MATERIAL TO REGULATE THE SEASONAL CHANGES.

MAXIMUM GROUND COVERAGE SHALL BE 30% TO FACILITATE PERMACULTURE AND ANCILLARY STRUCTURES

ENCOURAGING RENEWABLE ENERGY

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# FOOD



GOSHALA



FOOD IS GROWN FROM ONE'S OWN PERMACULTURE GARDEN



BARE NECESSITIES ARE TAKEN FROM MIYAWAKI FOREST

CEREALS & SEEDS  
PULSES POULTRY & MEAT



MILK AND DAIRY PRODUCTS

## RESIDENTS FOOD NEEDS



### FOOD BANK –

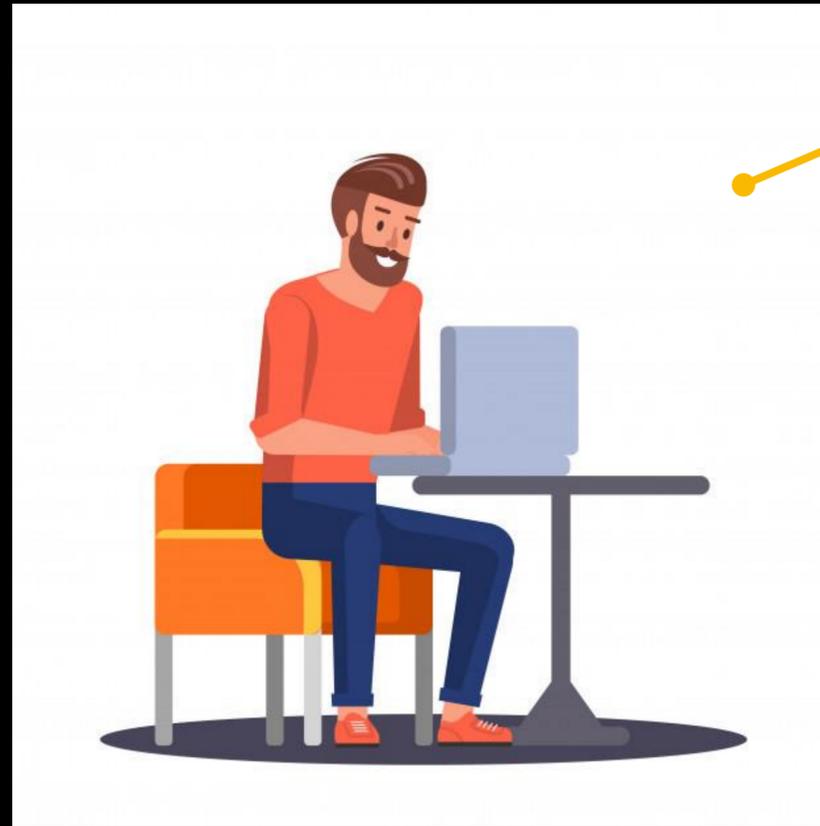
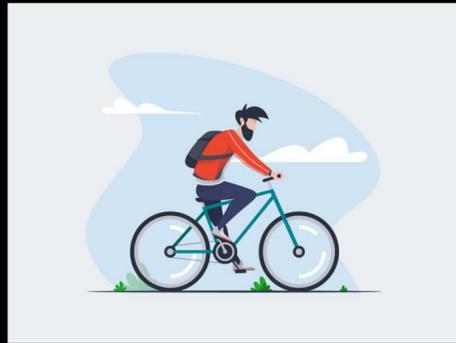
IT MAINTAINS THE FOOD STOCKS THAT CANNOT BE GENERATED WITHIN THE COMMUNITY

IT ALSO MAINTAINS THE FOOD RESERVES FOR THE COMMUNITY FROM OTHER ORGANIC FARMING ORGANISATIONS LIKE DDS & TIMBAKTU



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# WORK STUDIOS



REMOTE WORKING



A RESIDENT CAN WORK FROM HOME OR ALSO CAN CHOOSE A WORK STUDIO WHICH IS IN LUSH GREENS AND CAN HAVE PLEASURE OF WORKING REMOTELY

WORK STUDIO FACILITATES TO WORK AND RUN MEETINGS WITH CLIENTS

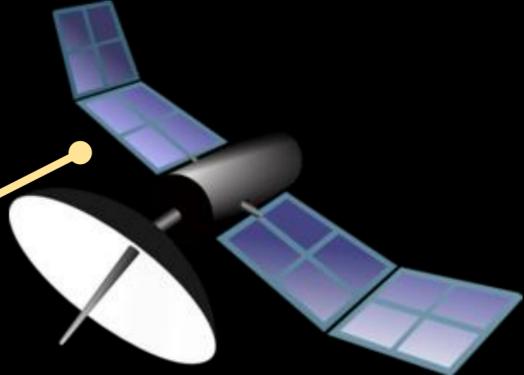


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e SCHOOL



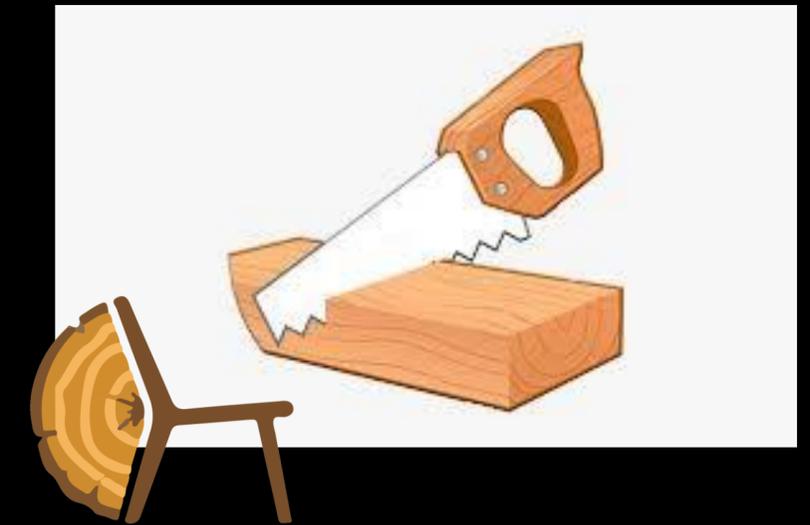
E - LEARNING



A KID CAN DO HIS SCHOOLING FROM HIS HOME AND ALSO FROM E- SCHOOL HUBS

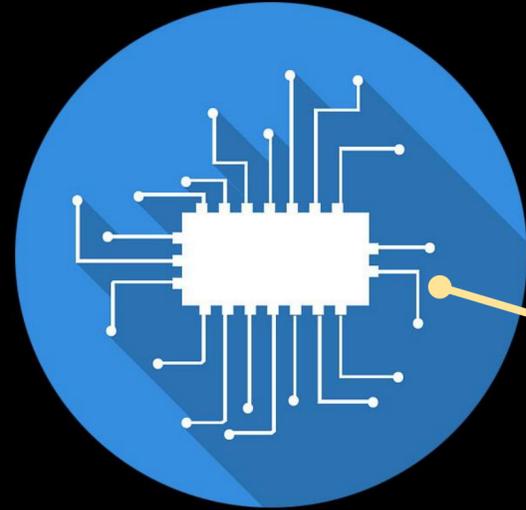


# CULTURE AND CREATIVE

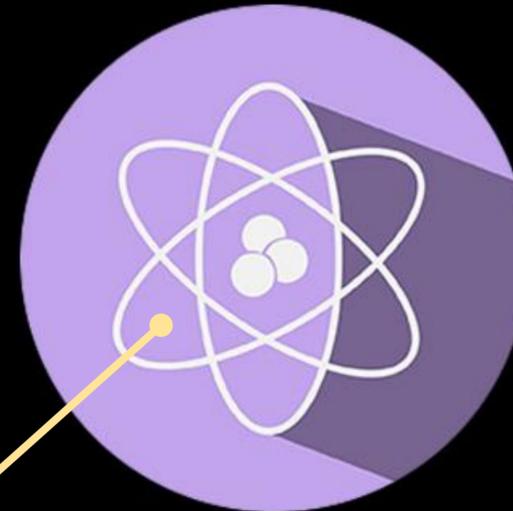


CULTURE AND CREATIVE CENTER WILL FACILITATE THE RESIDENTS TO LEARN NEW SKILLS AND EXHIBIT THEM

# THE INCUBATION CENTER



ARTIFICIAL INTELLIGENCE



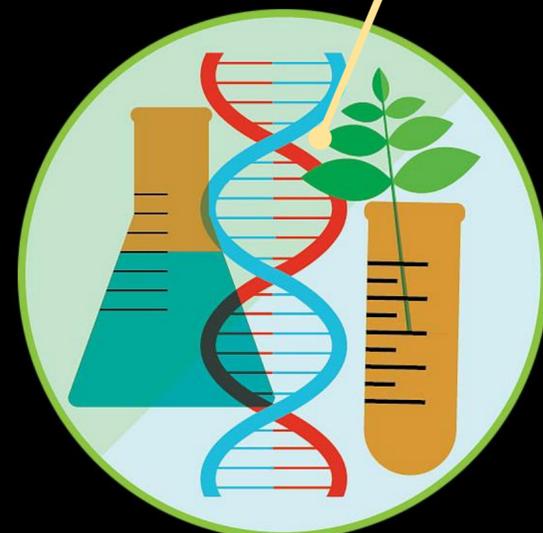
NEW MATERIALS



ECONOMY



CLEAN AND GREEN ENERGY



BIO TECHNOLOGY



SCIENCE & TECHNOLOGY



CULTURE

# HEALTH CENTER AND SPORTS



ONE CAN PRACTICE WIDE RANGE OF **SPORTS AND GAMES** IN THEIR COMMUNITY

A HEALTH CENTER FACILITY IS ALSO PROVIDED TO ITS RESIDENTS.