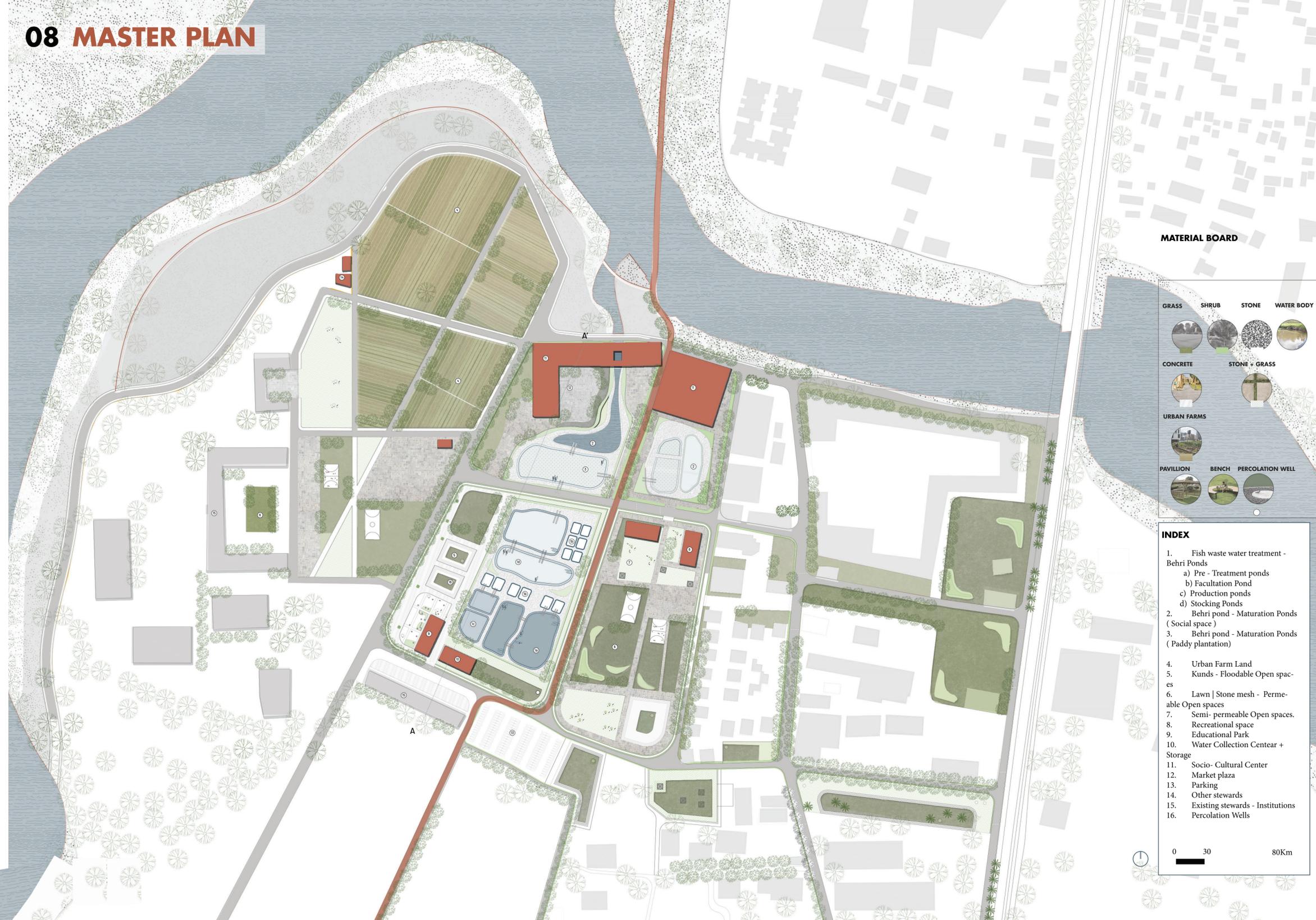
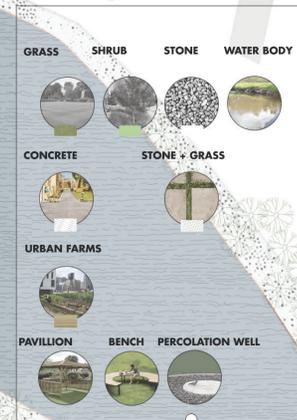


08 MASTER PLAN



MATERIAL BOARD



INDEX

1. Fish waste water treatment - Behri Ponds
 - a) Pre - Treatment ponds
 - b) Facultation Pond
 - c) Production ponds
 - d) Stocking Ponds
2. Behri pond - Maturation Ponds (Social space)
3. Behri pond - Maturation Ponds (Paddy plantation)
4. Urban Farm Land
5. Kunds - Floodable Open spaces
6. Lawn | Stone mesh - Permeable Open spaces
7. Semi-permeable Open spaces.
8. Recreational space
9. Educational Park
10. Water Collection Centear + Storage
11. Socio- Cultural Center
12. Market plaza
13. Parking
14. Other stewards
15. Existing stewards - Institutions
16. Percolation Wells



NEIGHBOURHOOD LEVEL - THE RESILIENT POINT

Okkiam Maduvu, also known as Okkiyam Maduvu or Oggiyam Maduvu, is a 2.8-kilometer-long water channel situated in the Kanchipuram district, found in the southern suburbs of Chennai, India. Sourced from the Pallikaranal Wetland, it ultimately flows into the Buckingham Canal.

During the 2015 floods, Okkiam Maduvu has contributed significantly to flood prevention efforts due to its capacity to absorb excess rainwater and its strategic location in draining water away from vulnerable areas.

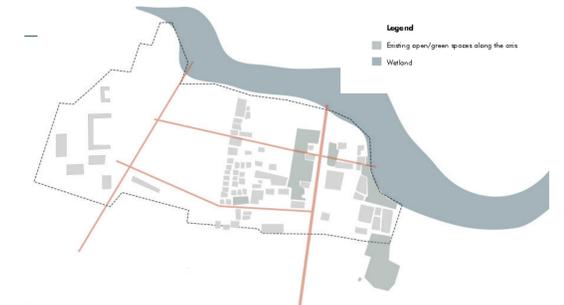
The place has lost its character in the consecutive years, because of the urban encroachments, dumping of sewage waste into the creek, blockage of the canal due to excess growth of hyacinths and several other reason. This occurs due to low maintenance of the region, converting the place from a "CARBON SINK TO A TOXIC DUMP"

CONCEPT

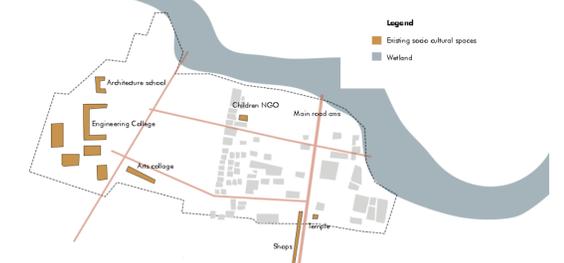
KEY PLAN



EXISTING LANDSCAPE PATTERN

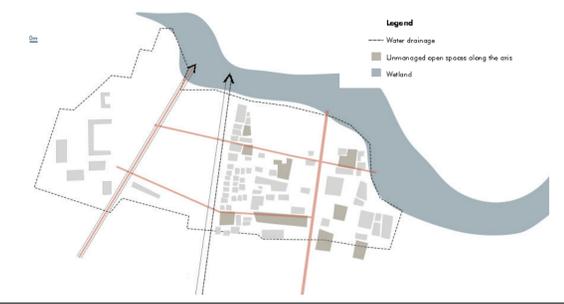


SITE UNDERSTANDING



DRAINAGE PATTERN

ADDING TRENCHES FOR THE FLOW



SECTION - ACTIVITY FLOW

