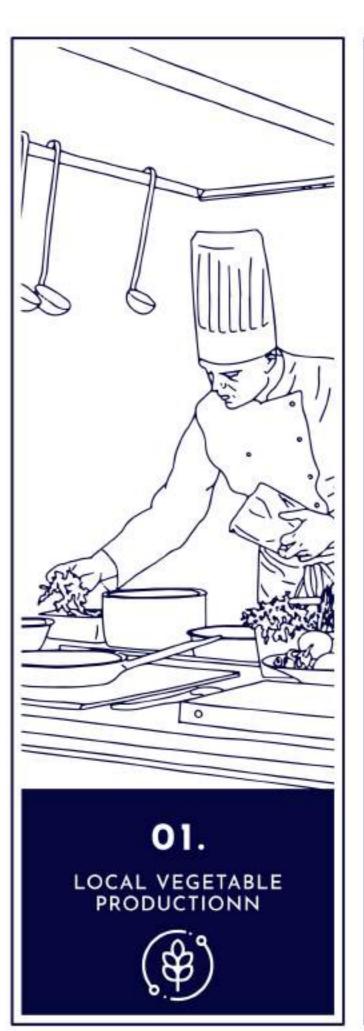


PRODUCTIVE, RESILIENT, & CIRCULAR URBAN ENVIRONMENT

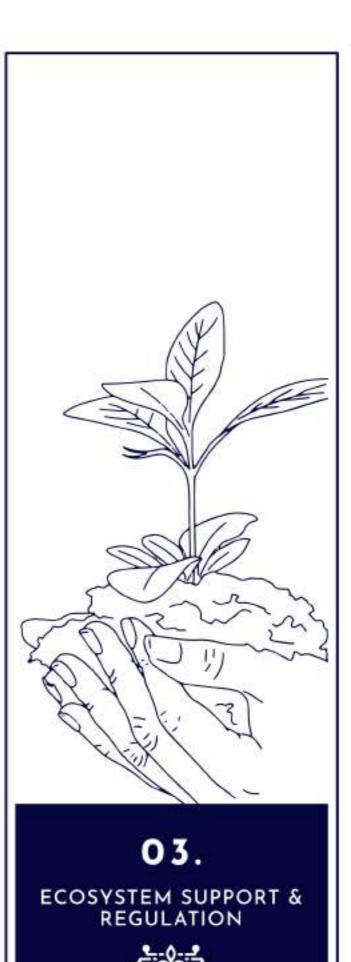
in Sandton Central?

How can COMMUNITY ENGAGEMENT in this productive, resilient, and circular urban environment BE ENHANCED through Landscape Architecture and Urban Agriculture?

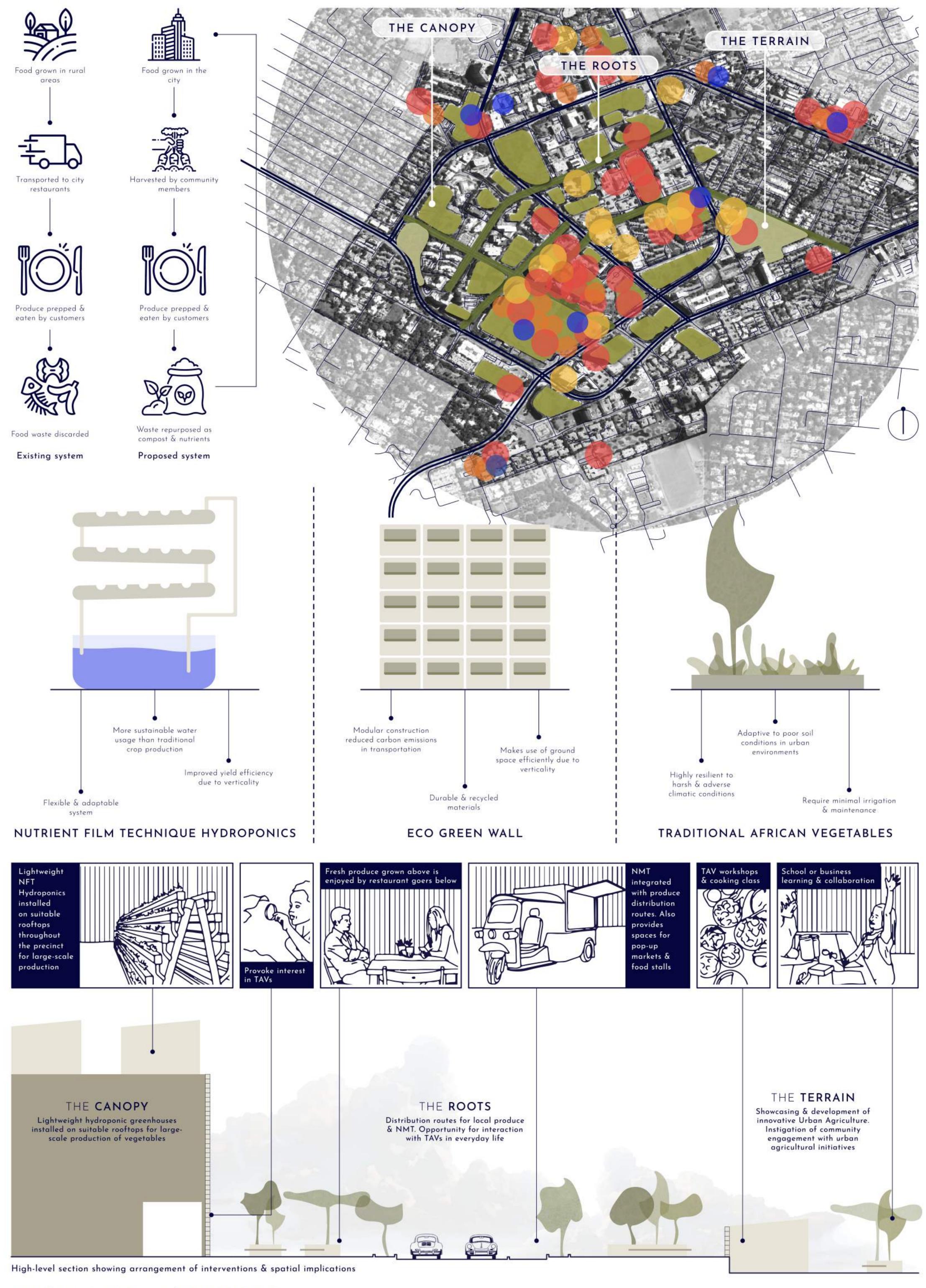
How can **CIRCULARITY AND RESILIENCE** be achieved by cultivating edible plants in Sandton Central?



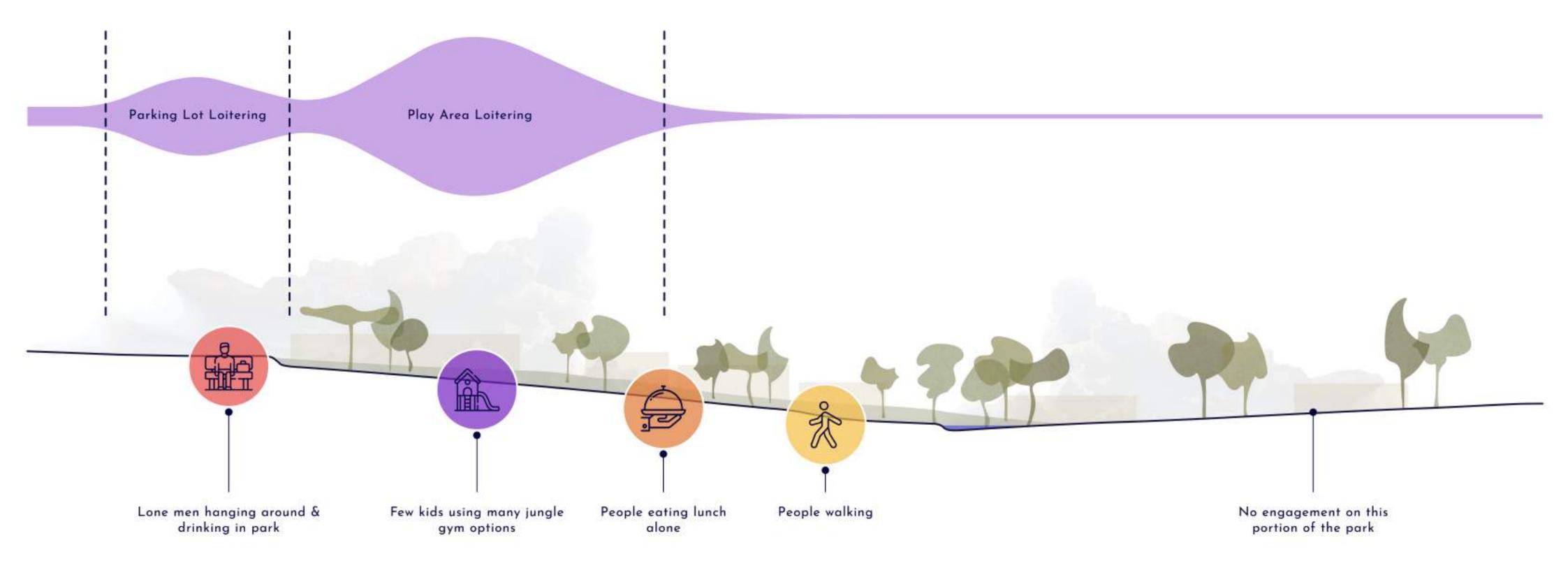






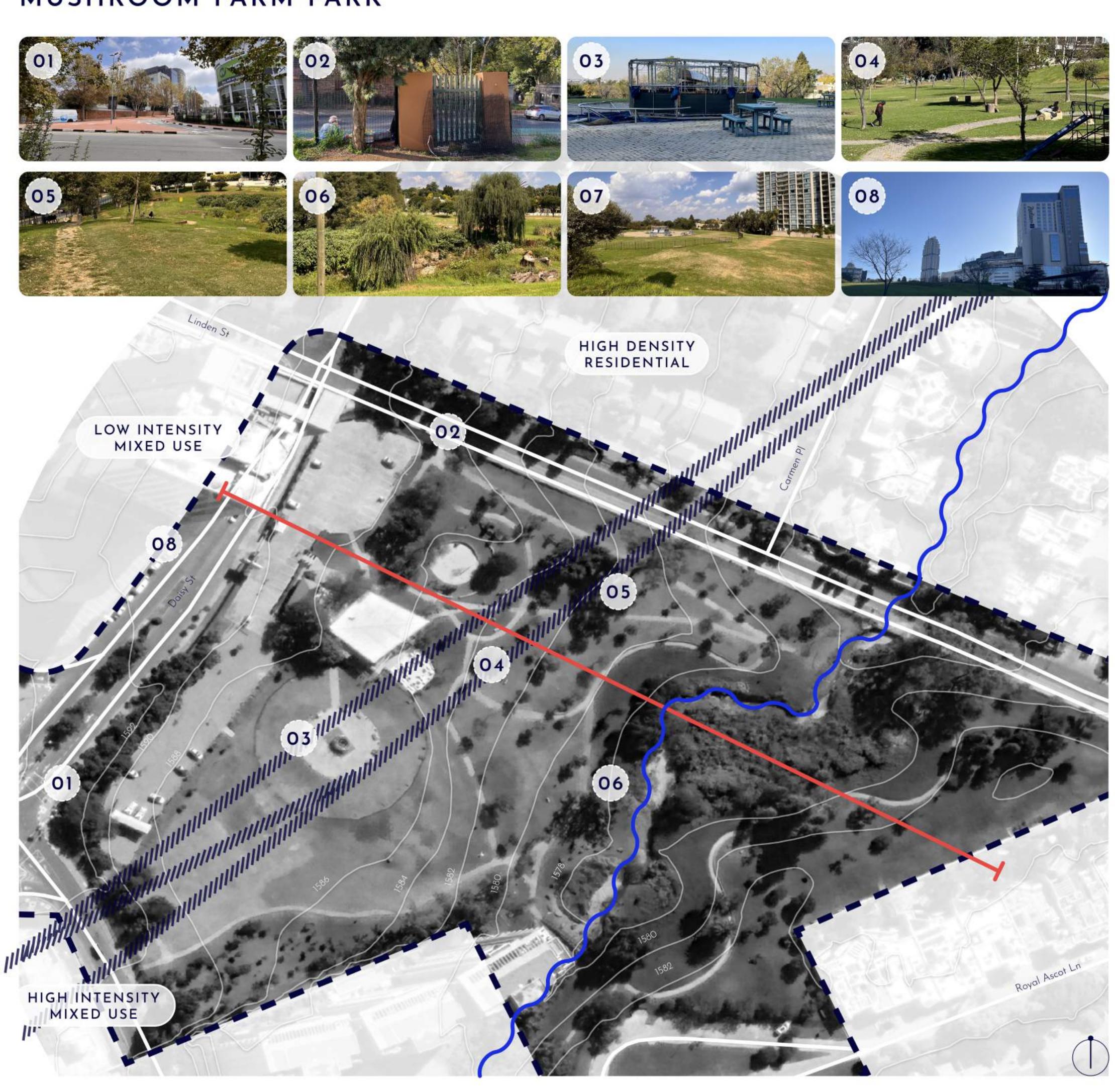


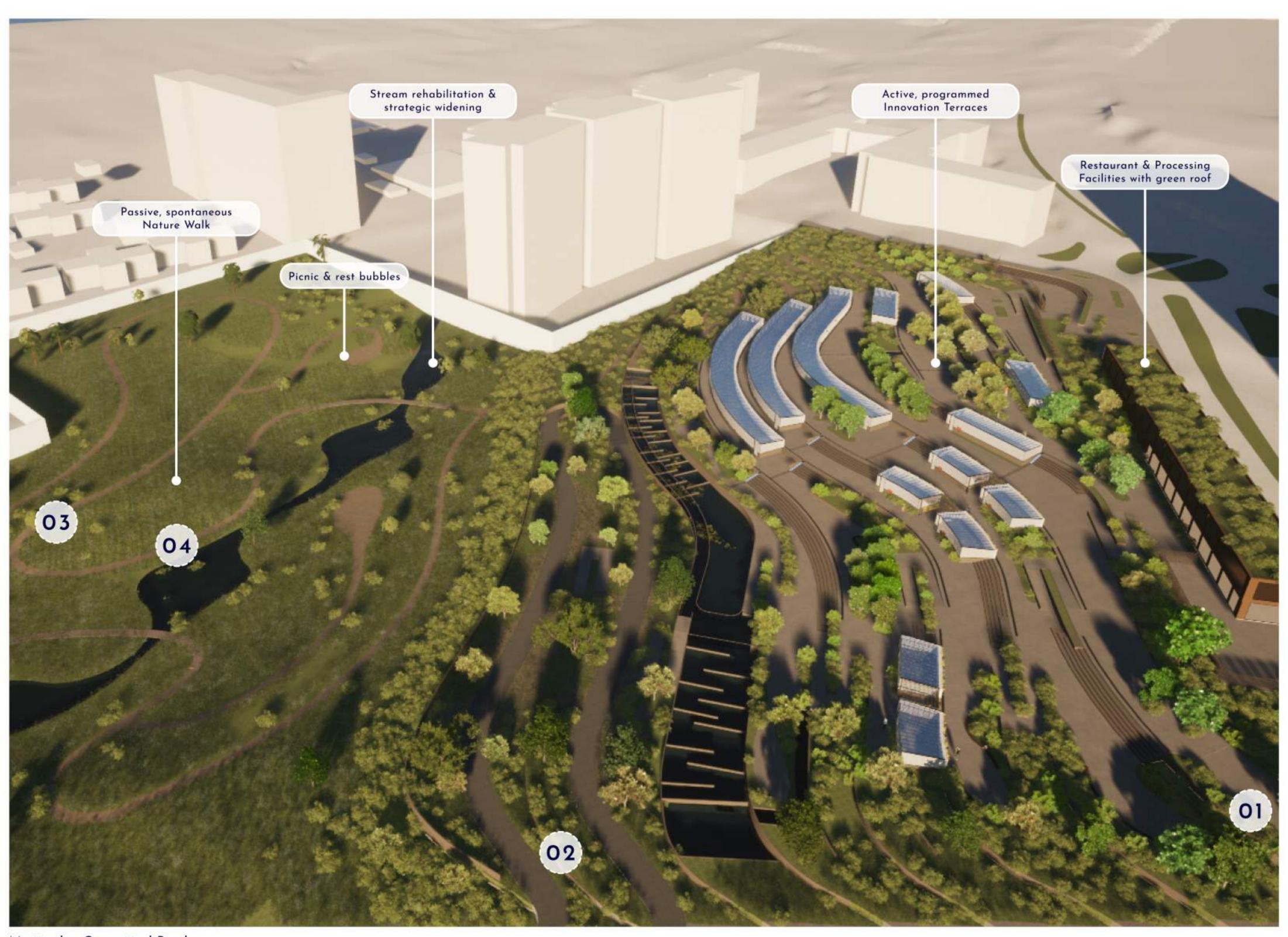
HIGH-RISE HARVESTS



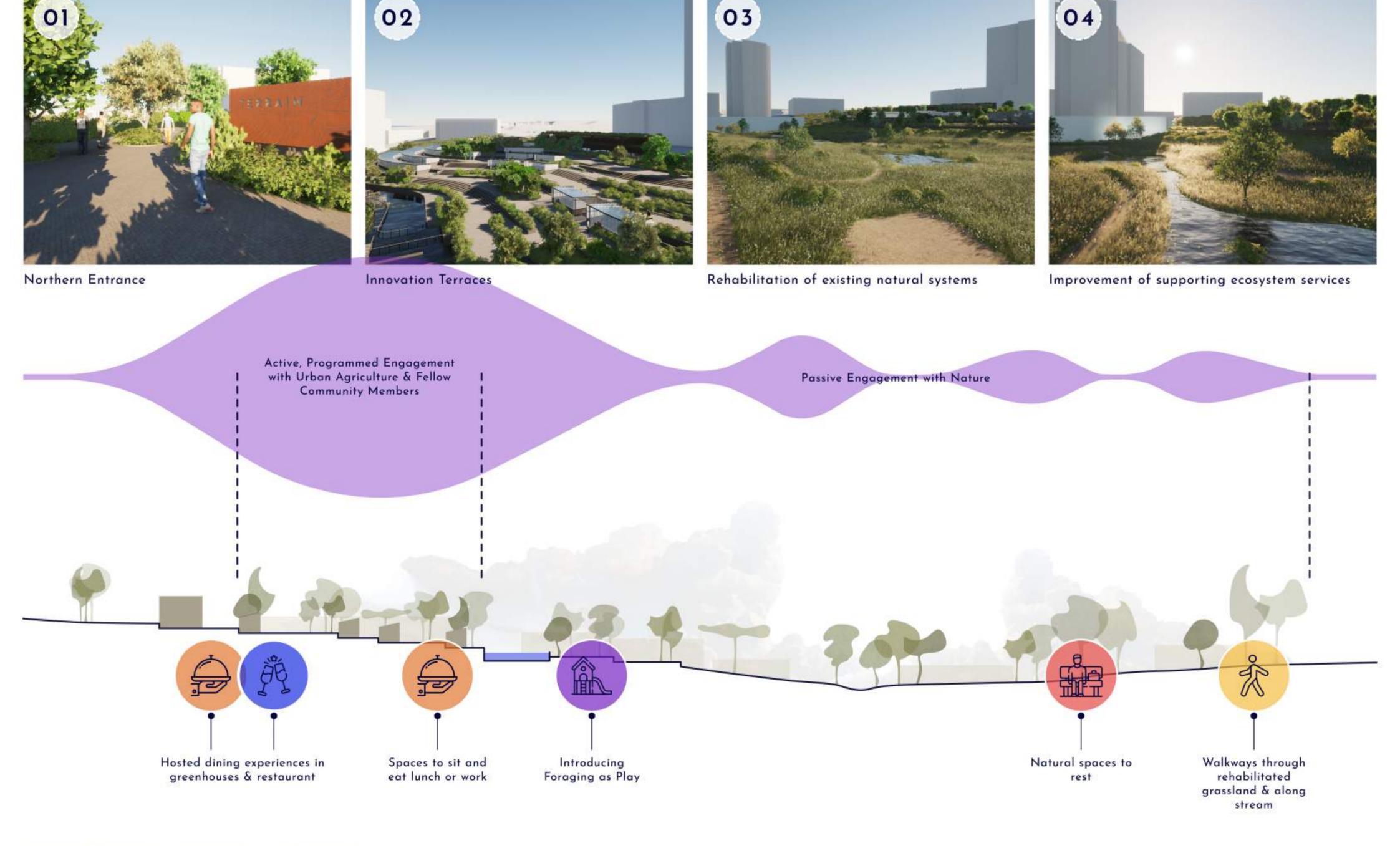
Lack of Activity & Community Engagement

MUSHROOM FARM PARK



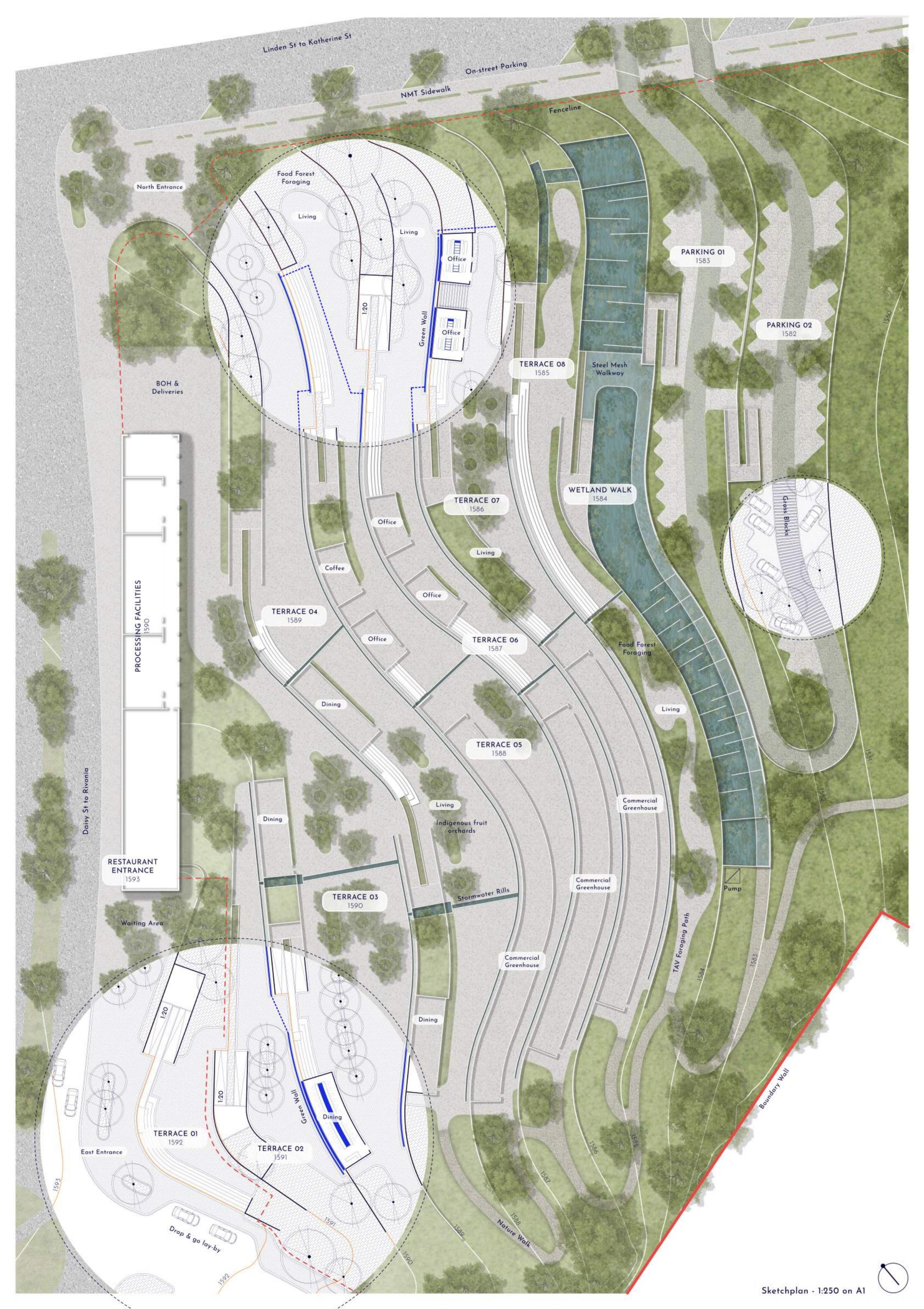


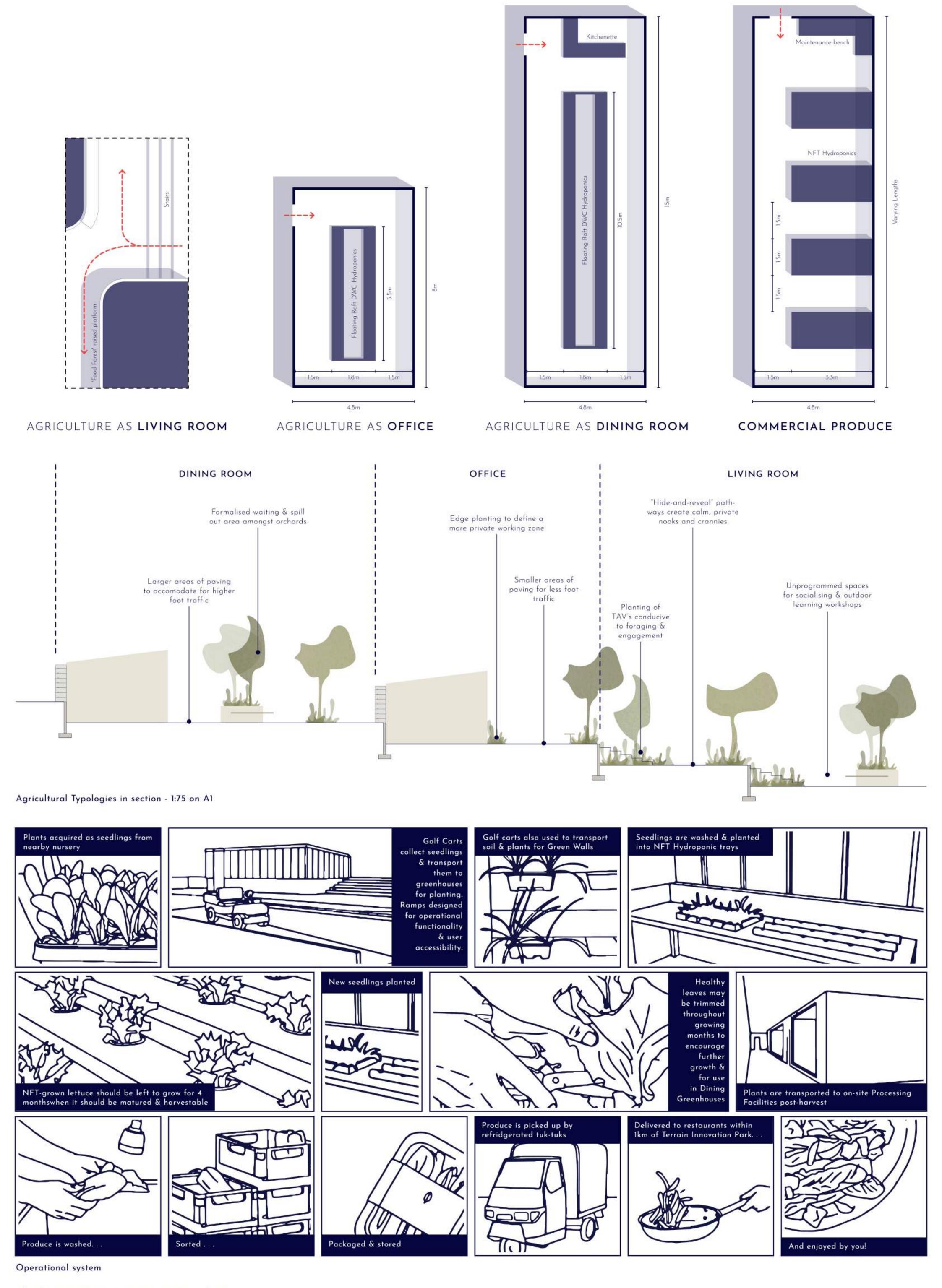
Masterplan Conceptual Render



Increasing Community Engagement & Involvement

TERRAIN INNOVATION PARK





AGRICULTURE AS . . .





Artemesia afra



Carissa macrocarpa







Hypoestes aristida



Lycium ferocissimum



Mesembryanthemum crystalinum



Portulacaria afra



Salvia africana



Solanum retroflexum



Trachyandra ciliata



Trachyandra falcata



Tulbaghia violaceae



Vigna unguiculata



Colocasia esculenta



Gunnera perpensa



Oryza glaberrima



Dovyalis caffra



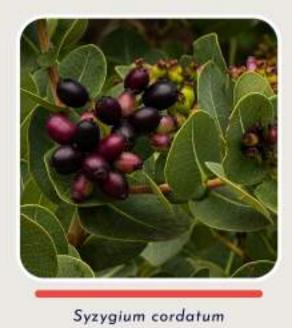
Harpephyllum caffrum



Mimusops zeyheri



Searsia glauca





Basil





Broccoli Rabe



Chives







Lettuce

PLANTING STRATEGY

Traditional African Vegetables

Indigenous edible wetland species

Indigenous fruit trees

Hydroponic crops



Spinach

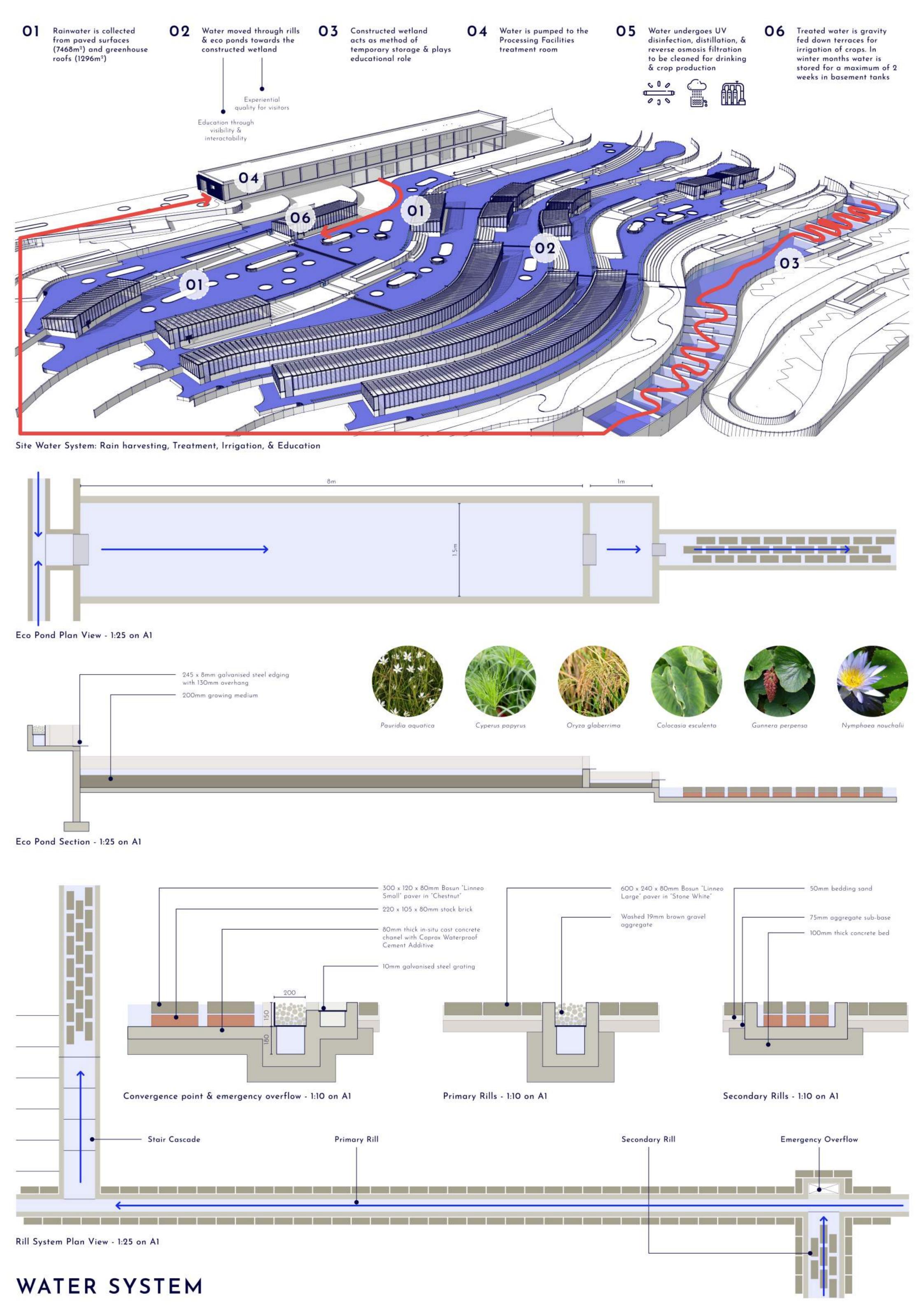


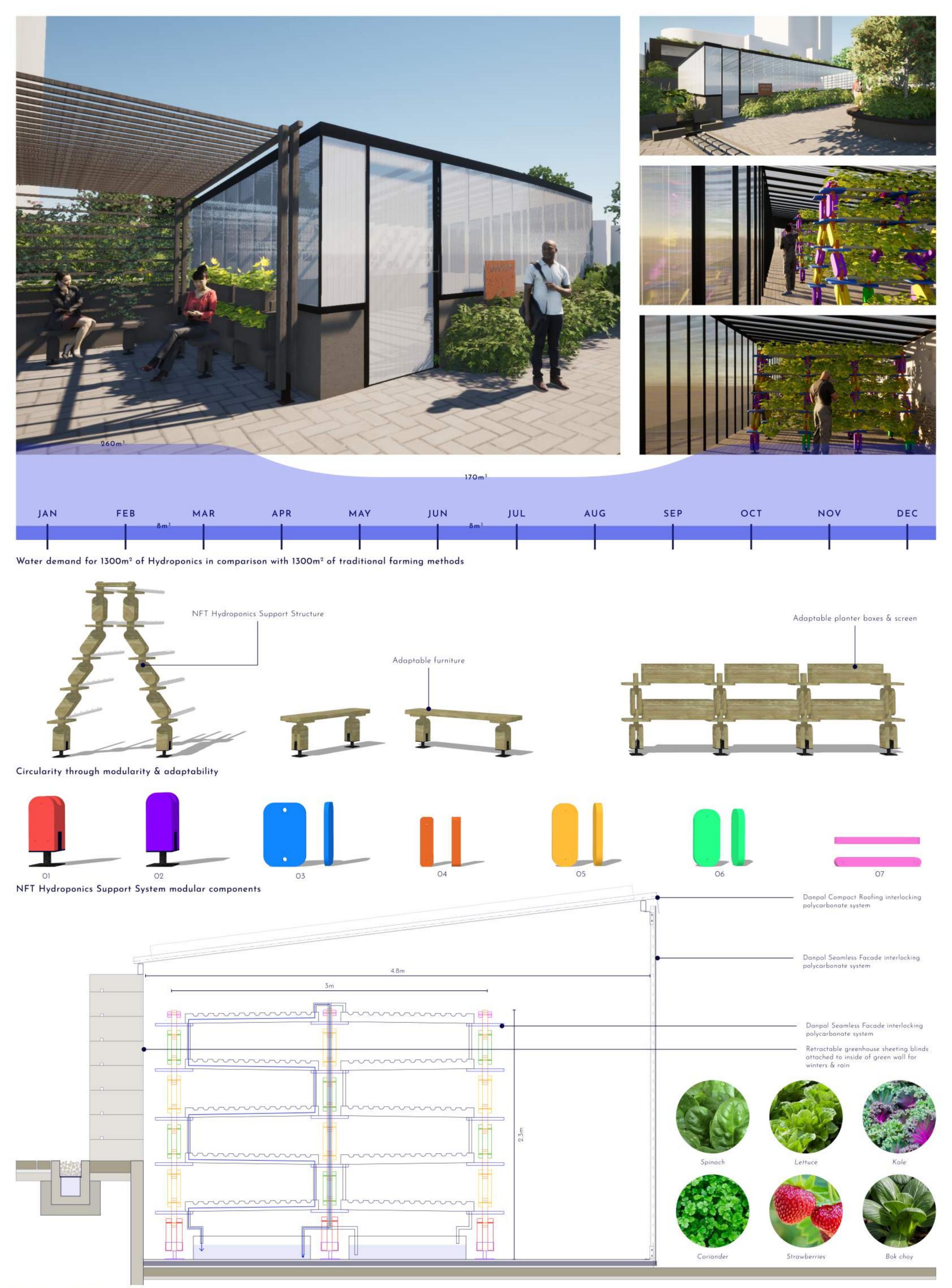
Strawberries



Swiss Chard





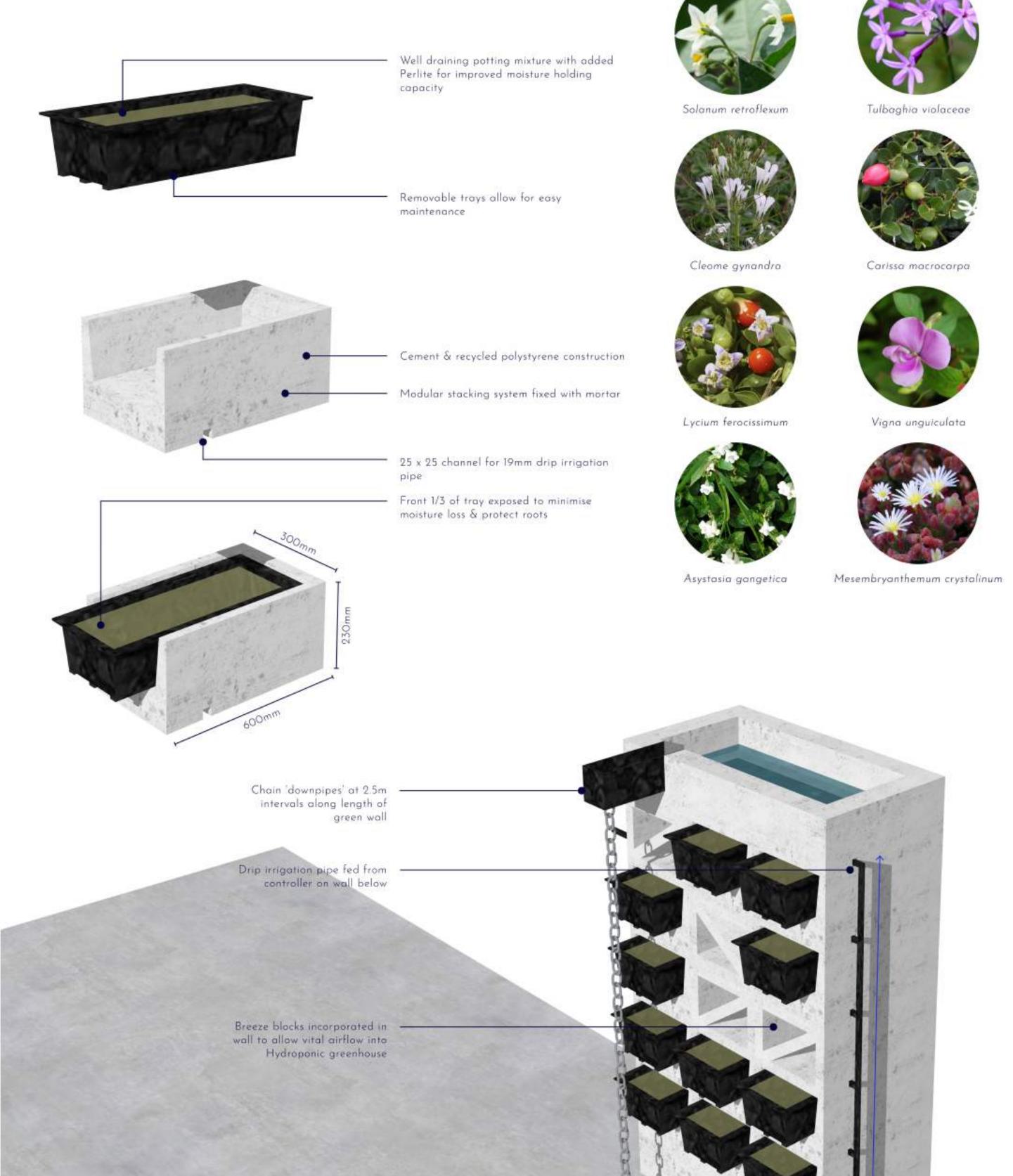


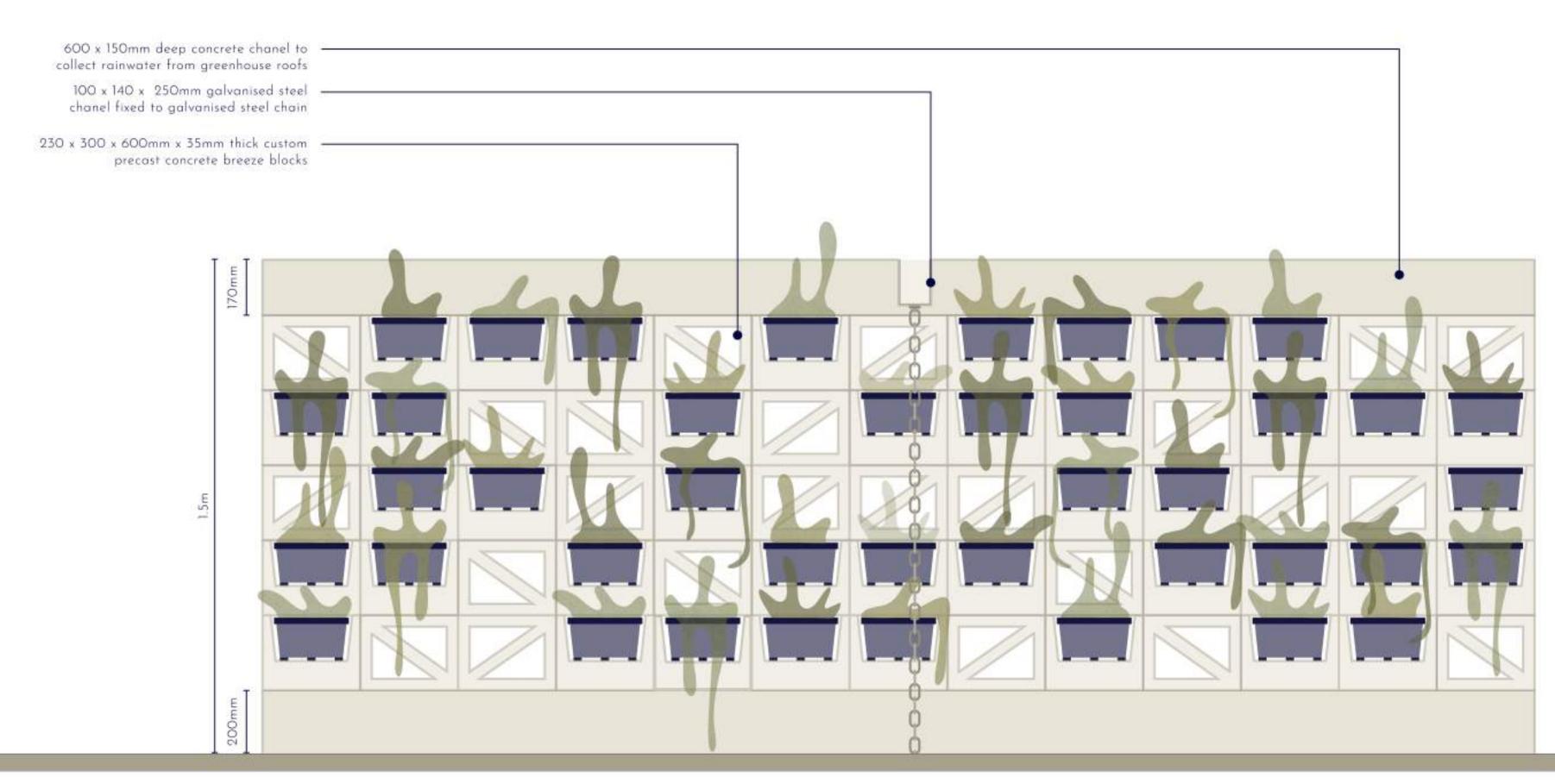
Greenhouse Section - 1:15 on A1











All green walls face North or North East to optimise light exposure