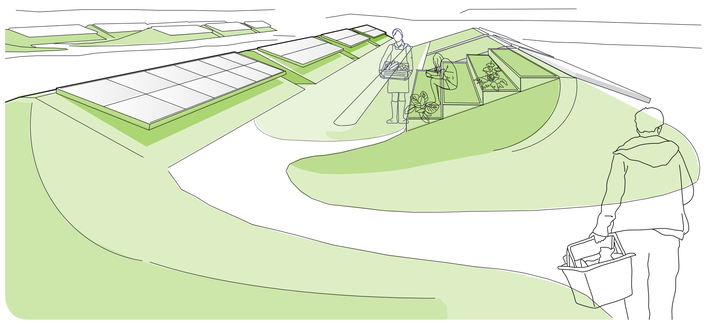
VISTOR AND COMMUNITY EXPERIENCE

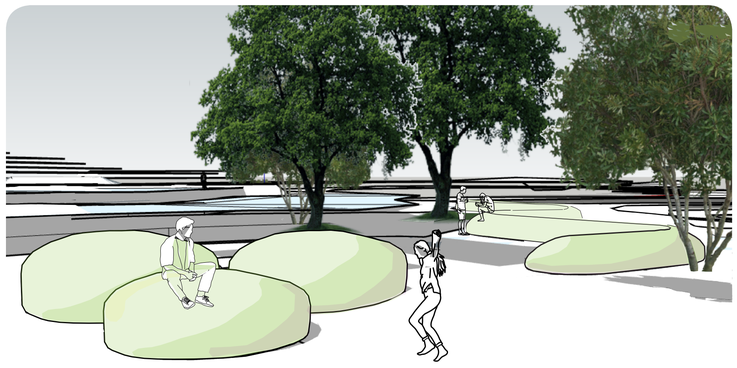
The site is activated through a program of shared land uses that foster social, cultural, and ecological co-benefits. In addition to the infrastructure systems, the LAGI 2025 Design Guidelines request additional spaces for the community needs. Each element serves a primary function while offering co-benefits that enhance the visitor and community experience:

AGRICULTURE. Gardens on the berms support food security, environmental education, and biodiversity. The co-benefits include building community relationships healthy eating and food security.



ARCHITECTURAL BERMS for infrastructure

CASE STUDIES:



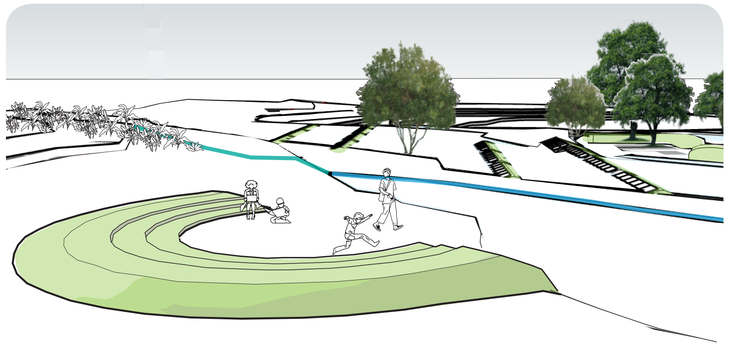
PLAY. Recreation at playgrounds and informal seating under the existing shade trees for flexible community use. The co-benefits encourage informal gatherings and intergenerational connections.

SHELTER. Support buildings house equipment to support the electrical and water systems and also are to be designed for emergency shelters during severe storm events.

SHADE. Tensile structures provide relief from the heat. They are flexible and adaptable to be erected dependent on the community needs.

PLAYGROUND and SEATING

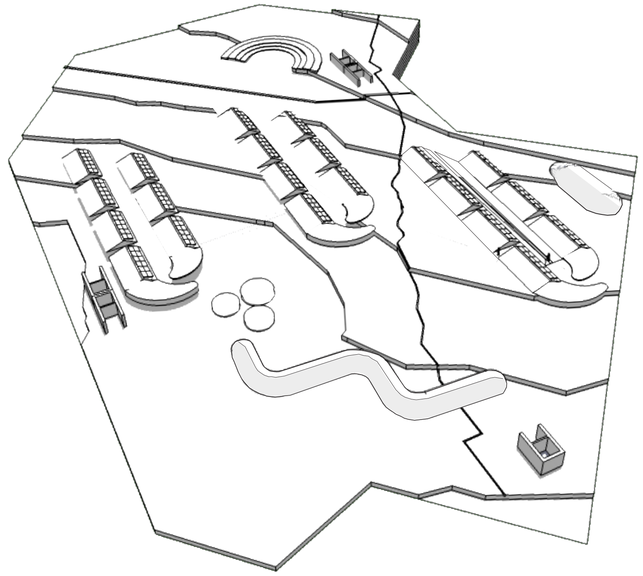
CASE STUDIES:



EDUCATION. Amphitheater is a formal gathering space for teaching but also civic events, and performances and also leisurely sitting.

AMPHITHEATRE and GATHERING

CASE STUDIES:



SITE VIEW LOOKING EAST

OPERATIONS AND MAINTENANCE STRATEGY

The Operations and Maintenance strategy focuses on maintaining system efficiency and ecological health with low intervention, emphasizing stewardship over control.

Architectural Berm Maintenance: Regular maintenance is recommended. Monitor the berm for signs of erosion and address any issues promptly.

Stormwater System Maintenance. The following is recommended for the maintenance of the stormwater system:

AT SITE DRAINS, Inspect site drains quarterly and after major storms. Manually remove all visible debris to maintain flow efficiency.
AT BIOSWALES AND INFILTRATION TRENCHES. Quarterly inspect for erosion, sediment build-up, and vegetation health. Annually remove sediment and replant as needed.
AT CISTERNS at support buildings capturing rainwater. Flush out and clean biannually.

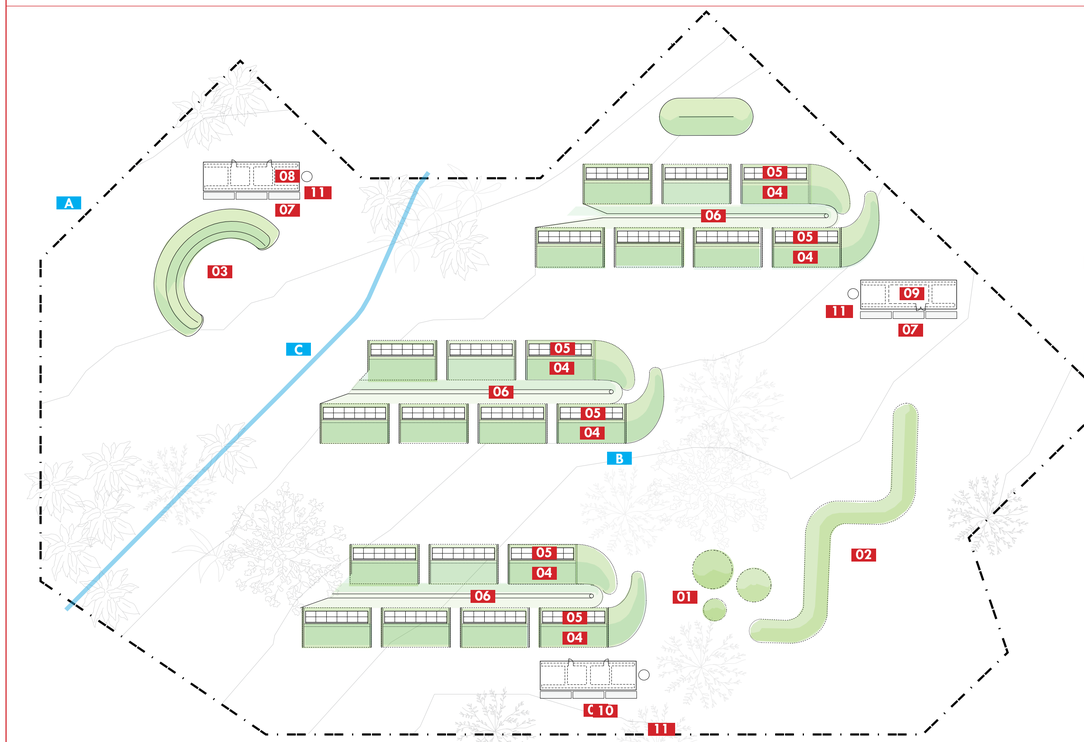
Photovoltaic (PV) System Maintenance. The following is the recommended maintenance:

AT PV PANEL, for Cleaning. Wash surface 2 times per year.
FOR SYSTEM. Annually check inspect of wiring, inverters, and mounting hardware. In case of extreme weather, panels inspected for damage before reactivation.

Utility Access Maintenance The following is the recommended maintenance:

FOR ACCESS to Conduit and Storm Piping. Map and flag location of underground utility for any digging or repairs.

In addition, it is recommended to maintain a site log and track all inspections, interventions, and repairs. Regularly review the performance of the PV panels.



01 . PLAYGROUND for recreation
02 . COMMUNITY SPACE for informal gathering
03 . AMPHITHEATRE for education and gathering
04 . FARMS / GARDENS for agriculture
05 . PHOTOVOLTAIC PANEL ARRAY on berms
06 . STORMWATER COLLECTION within berms
07 . SHADE STRUCTURE
08 . SUPPORT BUILDING / SHELTER with restrooms
09 . SUPPORT BUILDING / SHELTER with pump room & battery storage
10 . SUPPORT BUILDING / SHELTER
11 . CISTERNS to capture rainwater for irrigation

A . EXISTING FARMS
B . EXISTING FLOOD AREA for mitigation
C . EXISTNG STORMWATER CHANNEL

SITE PLAN
SCALE = 1:50
NORTH

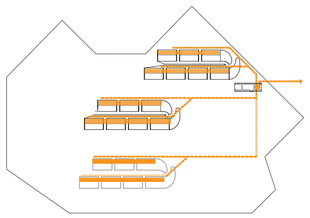


DIAGRAM: Solar Array

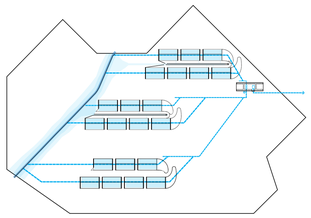


DIAGRAM: Water Management

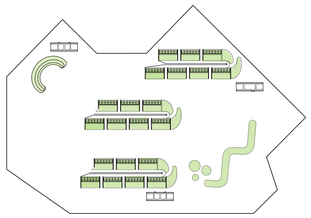


DIAGRAM: Programmed Spaces