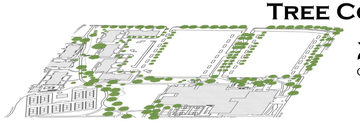
ECO - FLOW

A WATER-SENSITIVE PLACEMAKING RESPONSE TO CLIMATE CHANGE

M42

Existing Problems

Tree Cover



260 Existing Trees on Site

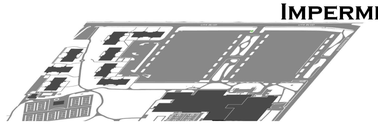
Surface Water

Trading House Creek goes Underground on Site **0** sq. ft Bioretension

Permeable

17% of Site Permeable Surfaces

Impermeable



83% of Site Impermeable Surfaces

Mitigated Heat

127.313 sq. ft Heat Mitigating Surfaces

Heat Contribution

586,572 sq. ft Reflective Heat Surfaces

COLLECT

Rain water and AC Condensation

CLEAN

Clean the urban runoff

PROTECT

Protect the creek

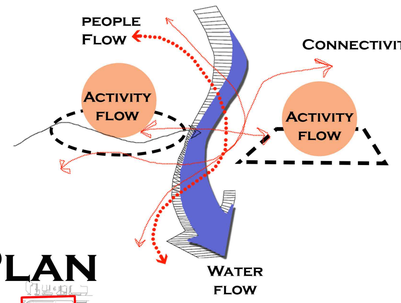
PROVIDE

Provide better life for future

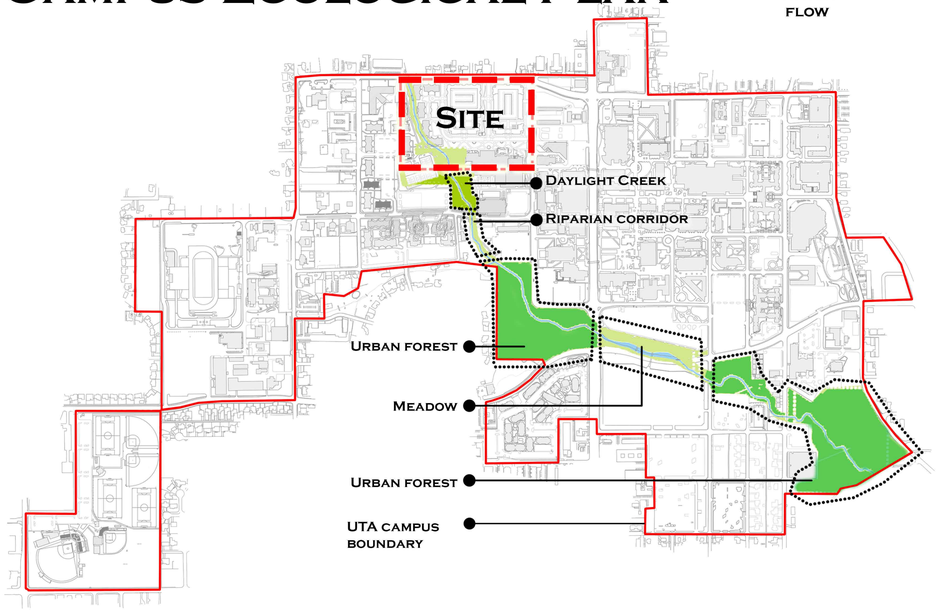
Project Goals

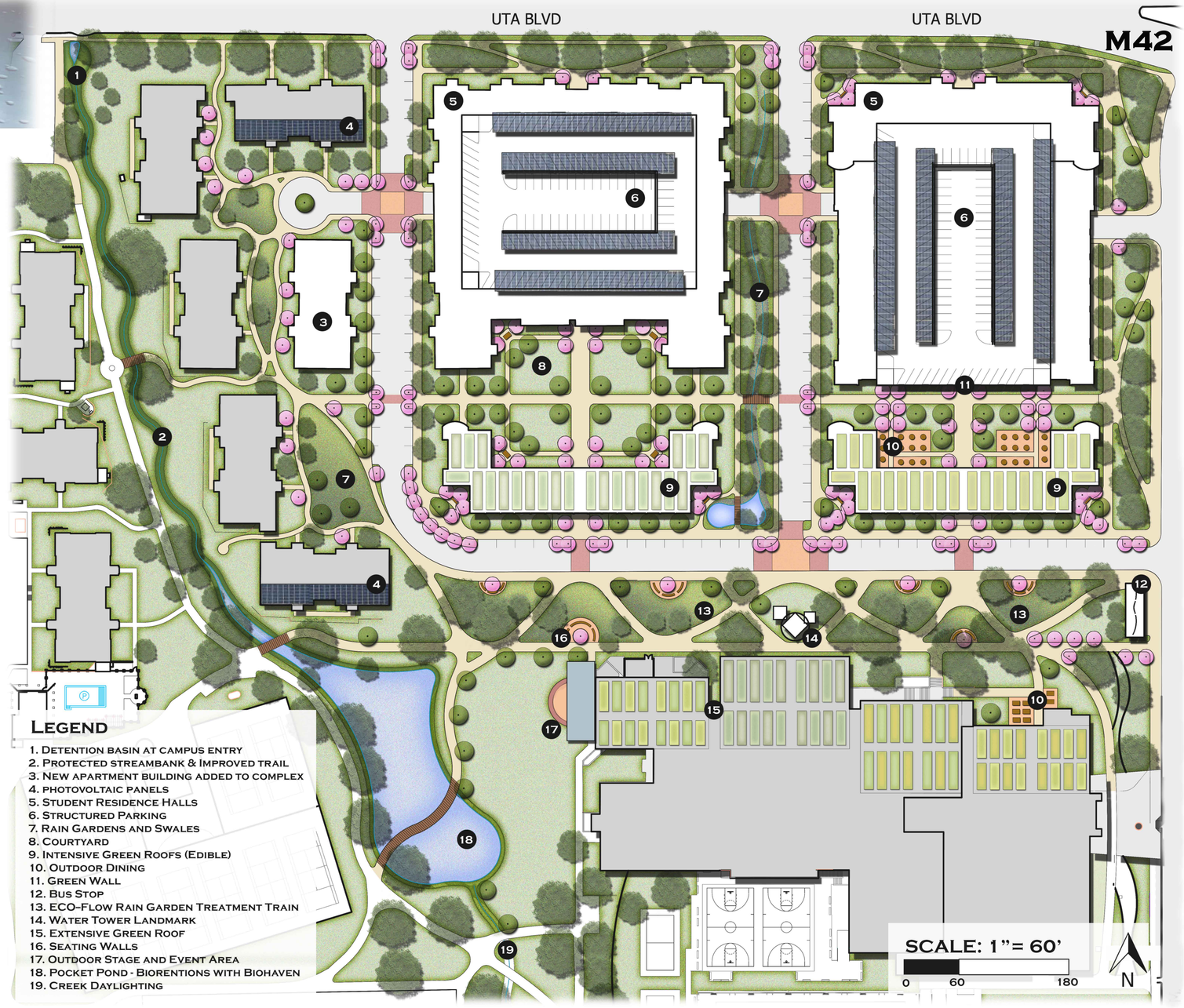
- Green infrastructure Design
- Increase Connectivity
- Improve Biodiversity
- Daylight Creek
- Restore Soil Quality
- Incorporate Smart Building
- Improve Micro climate
- Promote Social engagements
- Install native plant diversity
- Photo-voltaic to support green energy

Concept

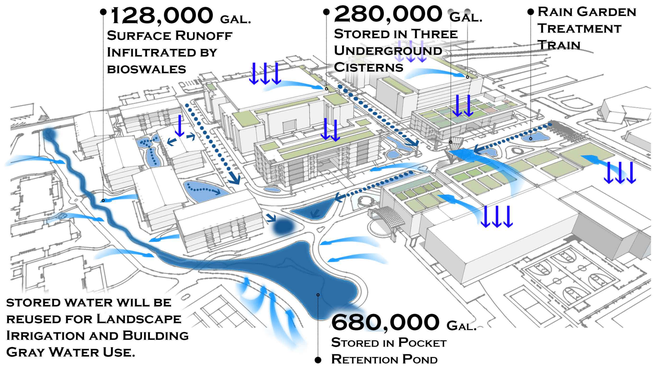


Campus Ecological Plan





Hydrology [2" rain event]



Micro Climate