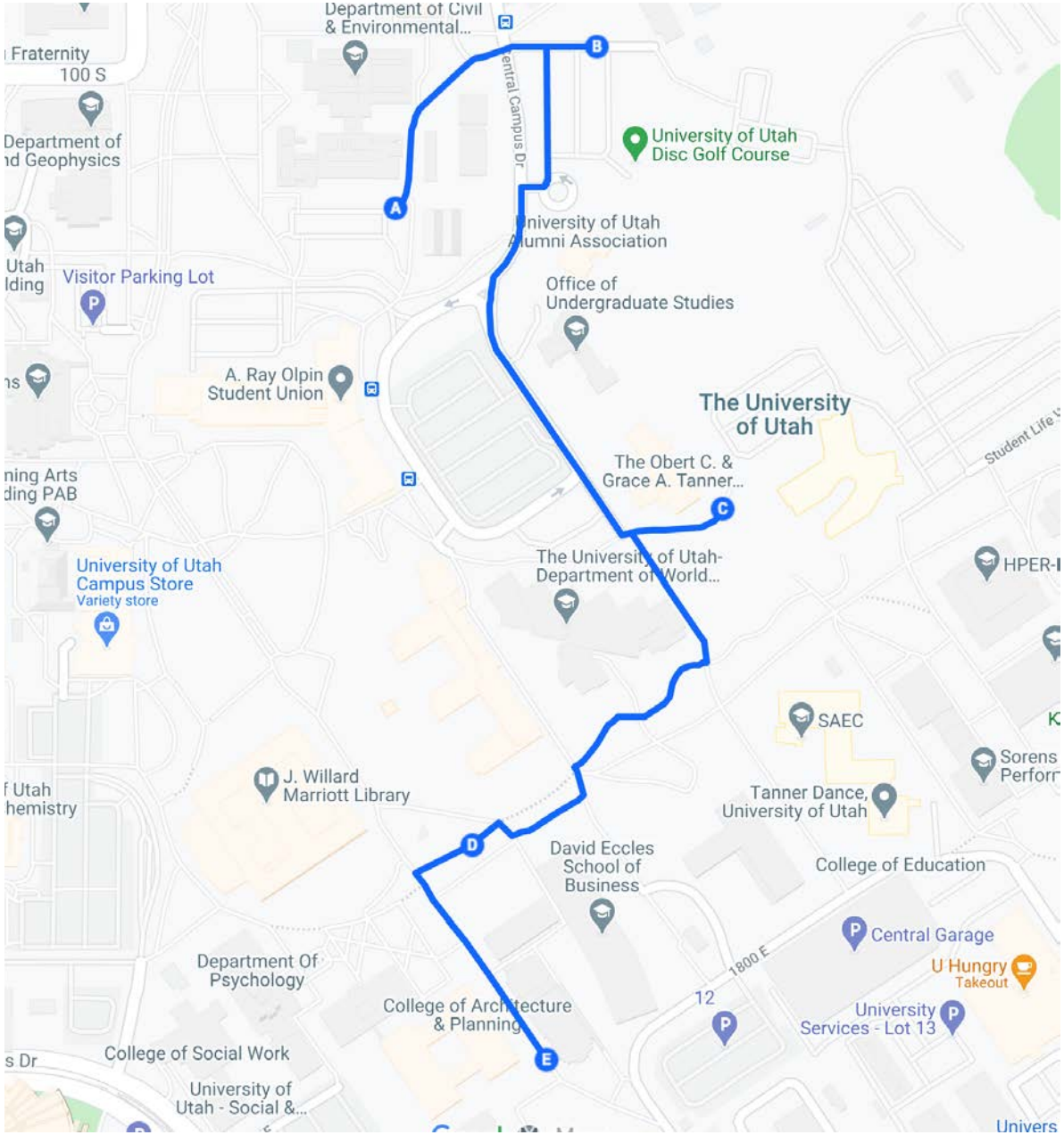
UU Green infrastructure campus walk



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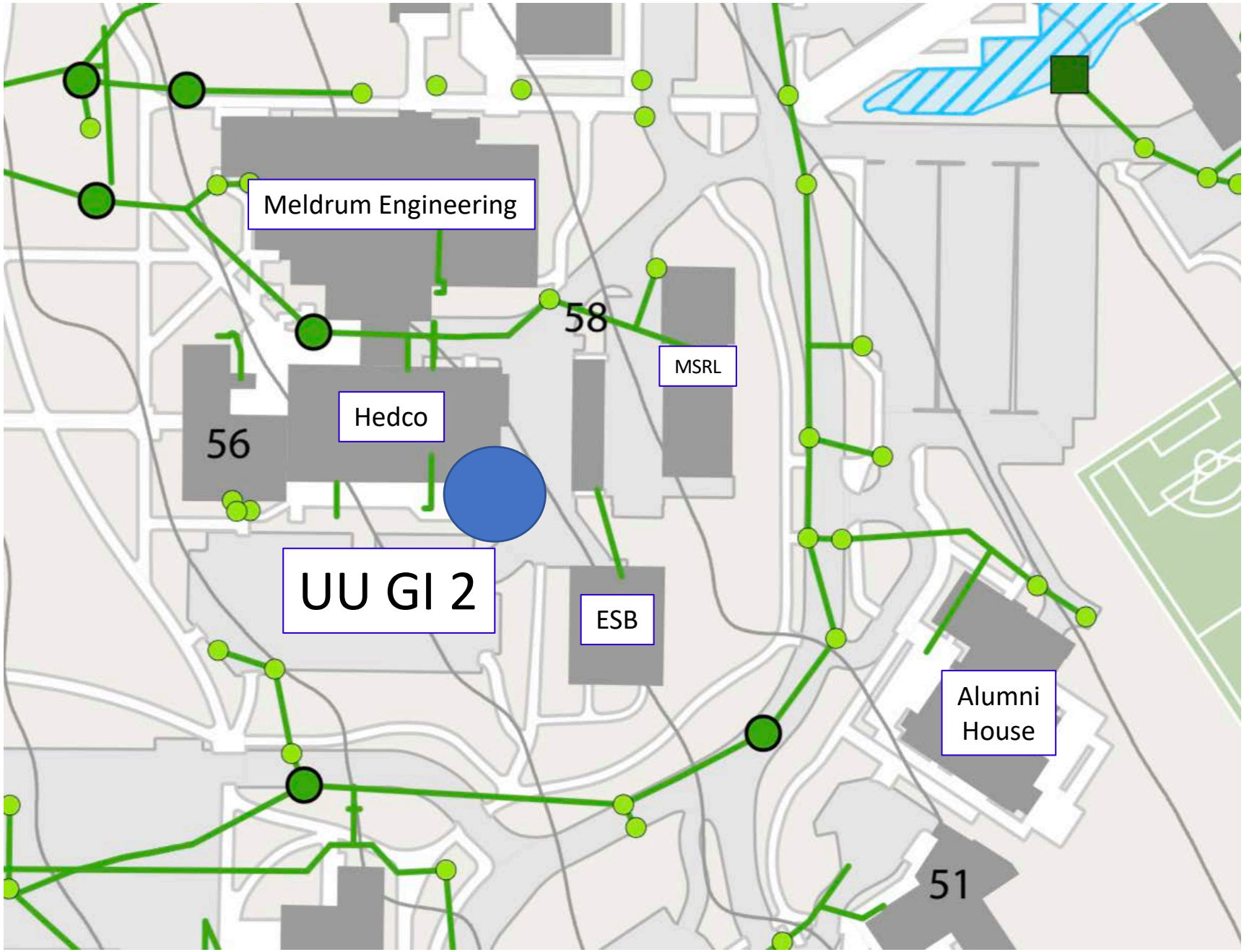
GI to be seen on this walk

- Infiltration garden
- Stormwater mitigation
- Green roof
- Pollinator garden

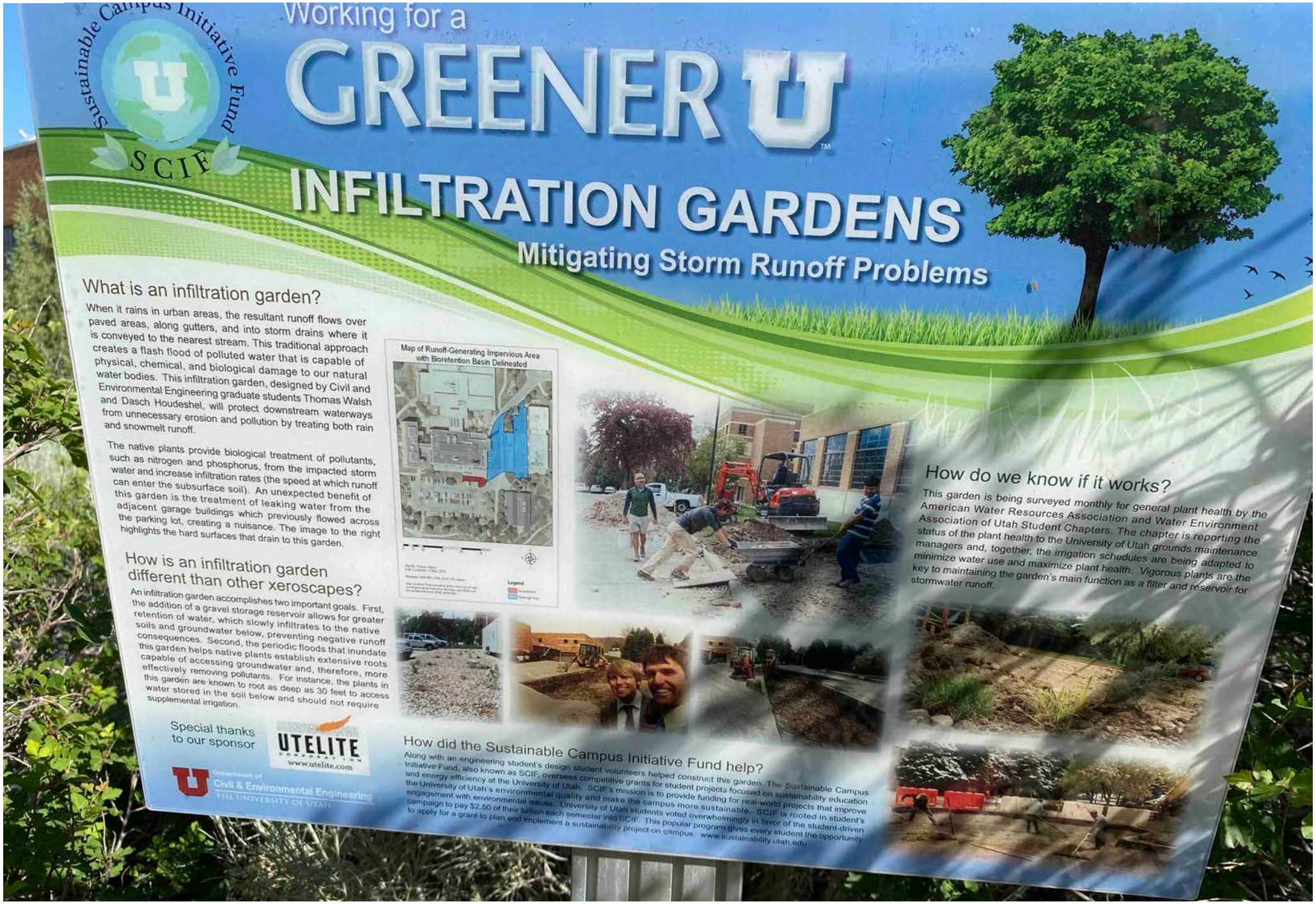
There are many more GI sites on campus than we will see on this walk.

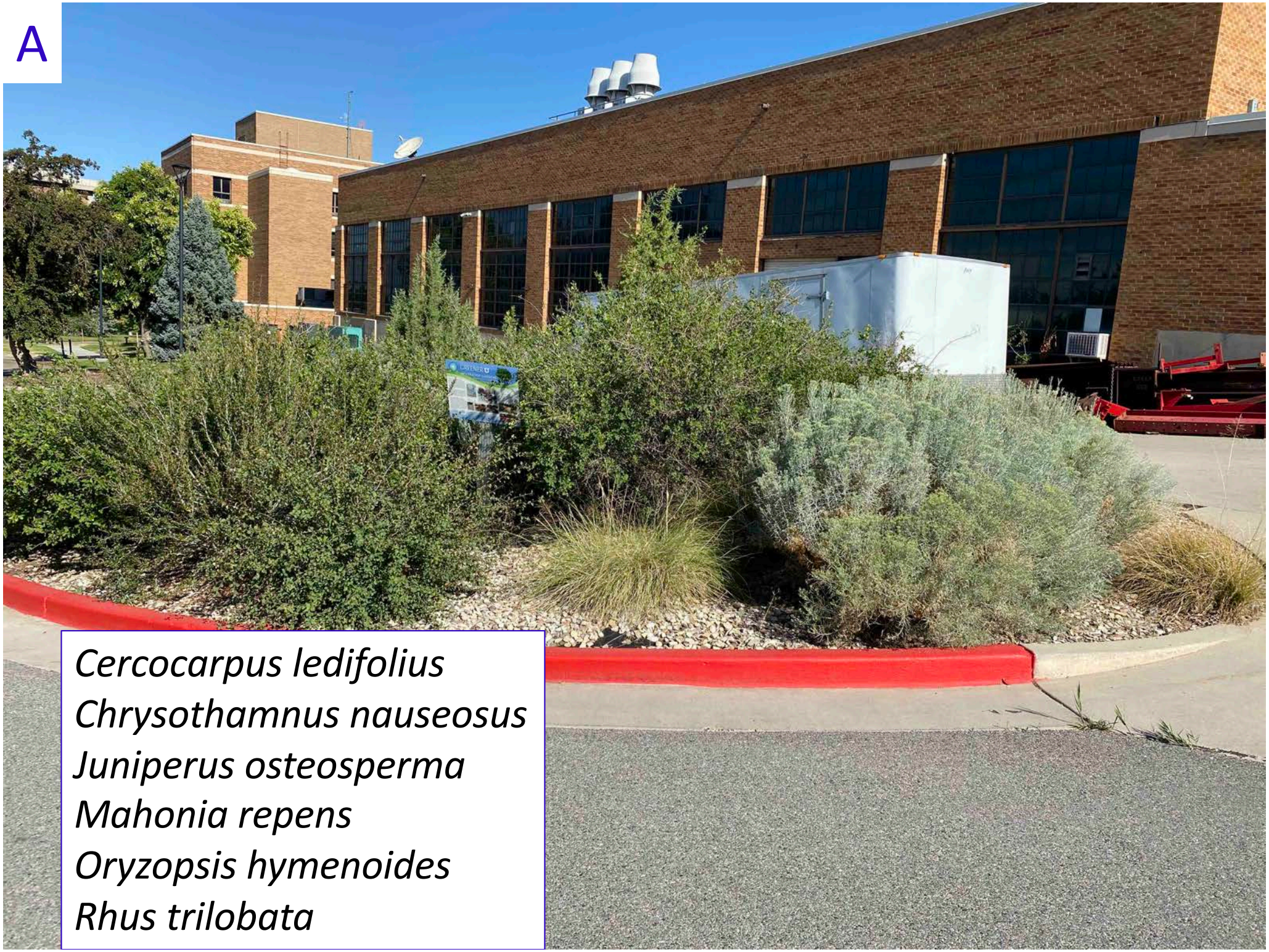
UU GI 2 – infiltration garden – diverting water before stormwater entry



Small circles indicate stormwater entry points; squares represent entry into green infrastructure

A UU GI 2 – diverting street runoff before entry into stormwater drains




A
Cercocarpus ledifolius
Chrysothamnus nauseosus
Juniperus osteosperma
Mahonia repens
Oryzopsis hymenoides
Rhus trilobata

A

Through roadway dips and the absence of a curb, water is diverted directly onto native, drought tolerant vegetation.

Ths infiltration garden was designed by civil engineering students.

B UU GI 1 – recharging ground water and reducing stormwater needs

Small circles indicate stormwater entry points; squares represent entry into green infrastructure

B

UU GI 1

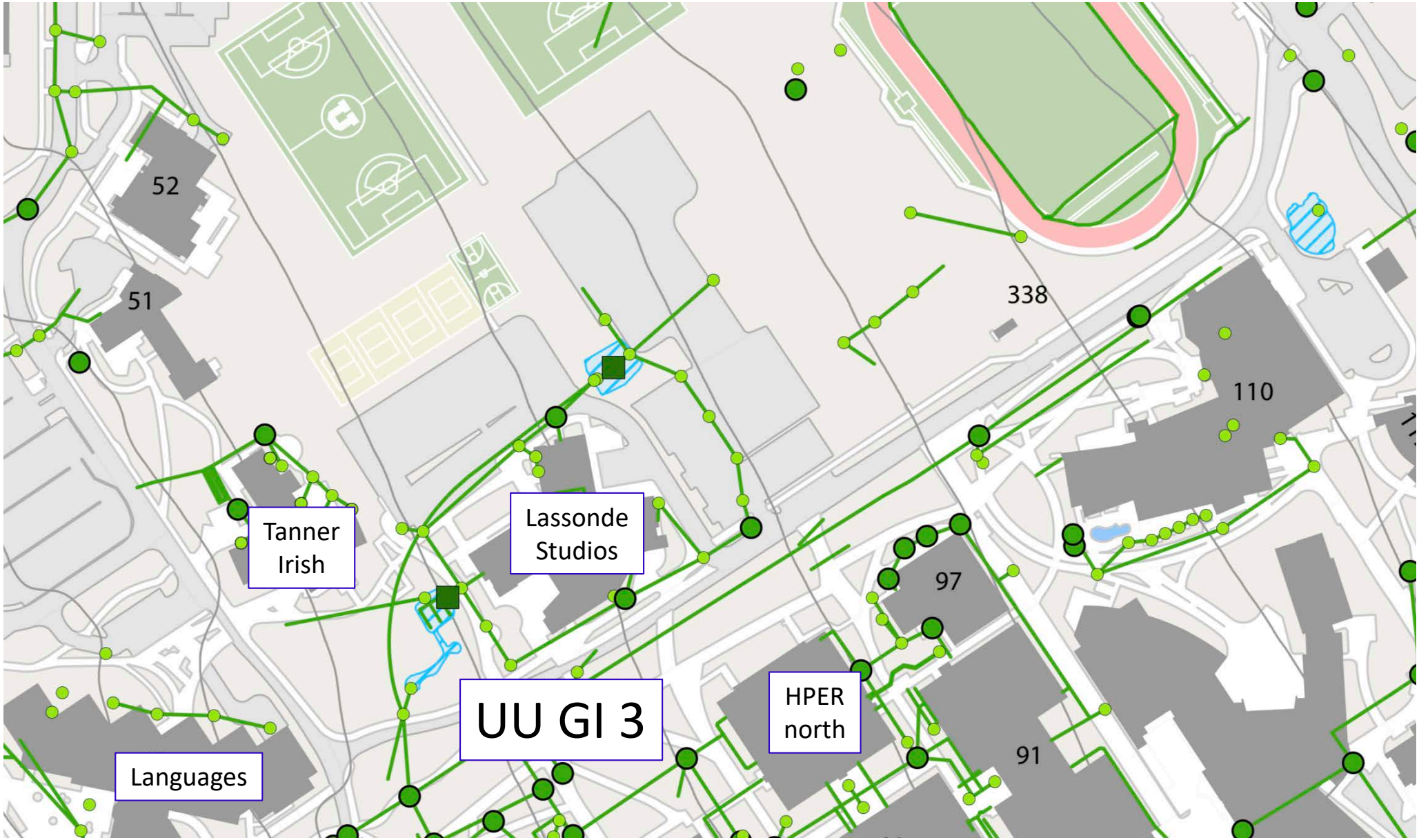
Native drought tolerant and riparian species

Acer negundo
Chrysothamnus nauseosus
Chrysothamnus viscidus
Guterriezia sarothrae
Mahonia repens
Oryzopsis hymenoides
Quercus gambelii
Rhus trilobata
Stipa comata


B
Native, drought tolerant species

Invasive species can also establish at green infrastructure locations. *Ailanthus altissima* (tree of heaven) is well established here on the south side of UU GI 1.

C UU GI 3 – recharging ground water and reducing stormwater needs



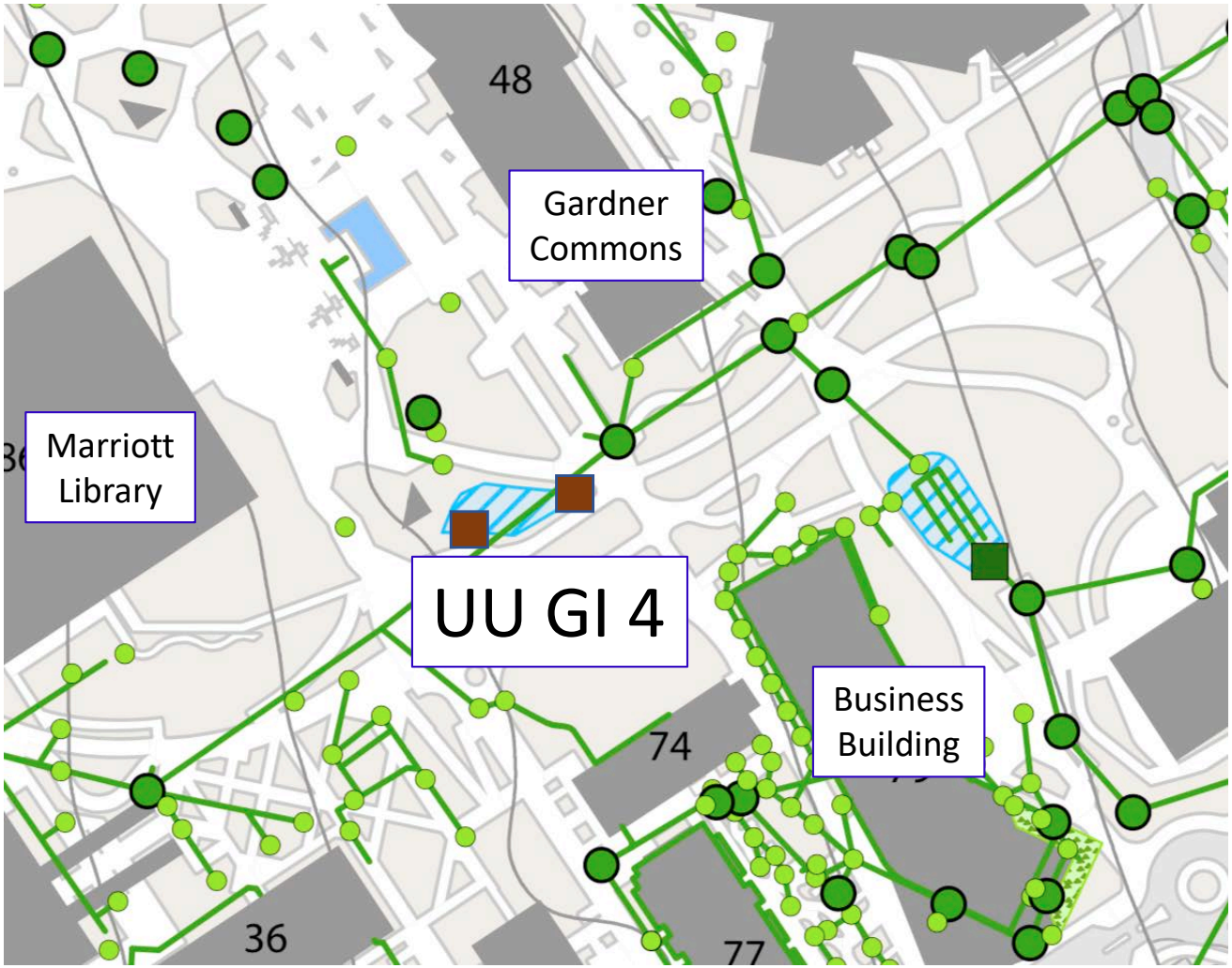
Small circles indicate stormwater entry points; squares represent entry into green infrastructure


C

C

Typha latifolia planted
Phragmites australis invading
Sorghastrum halepense invading

D UU GI 4 – recharging ground water and reducing stormwater needs

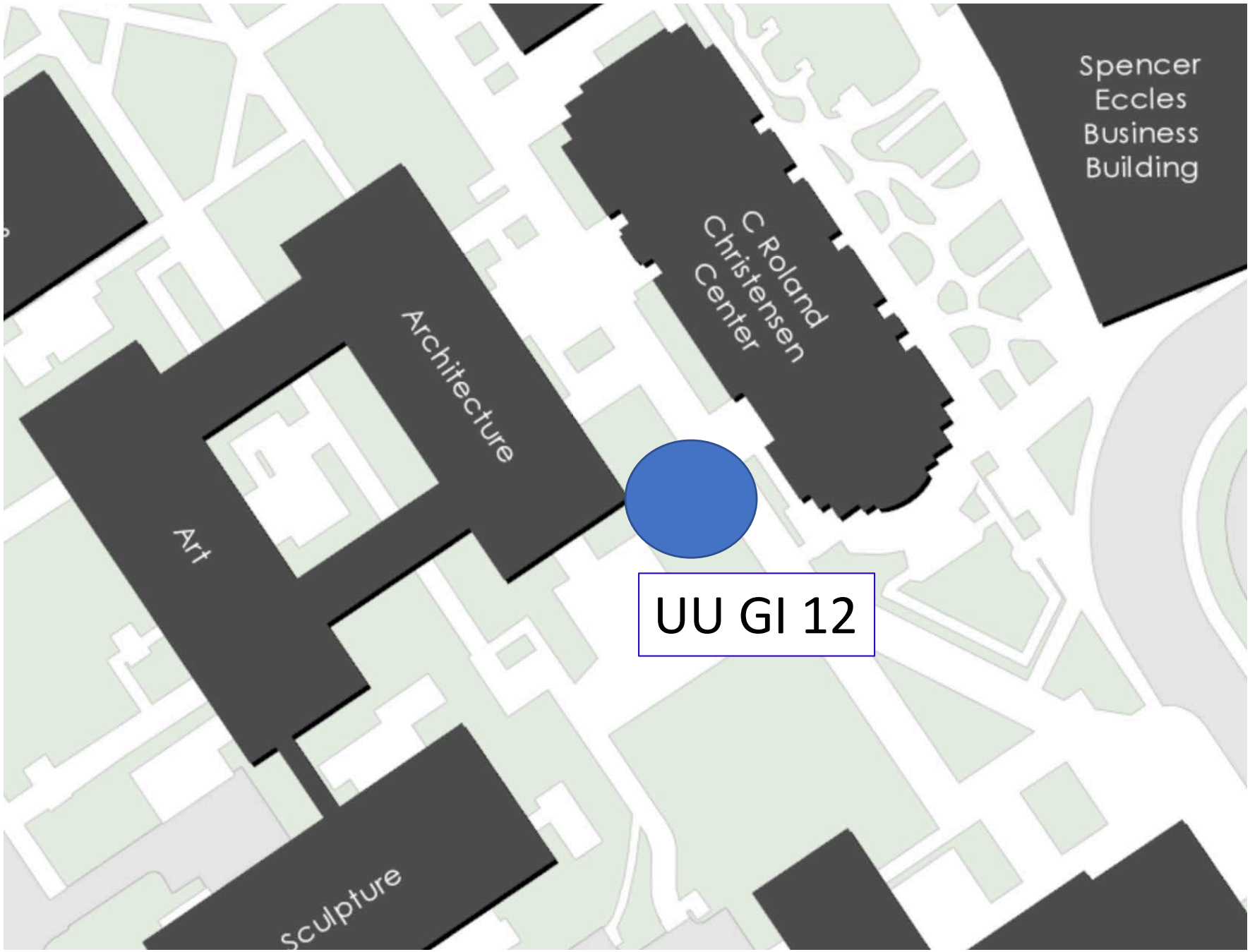


Small circles indicate stormwater entry points; squares represent entry into green infrastructure


D
IMAGINE U

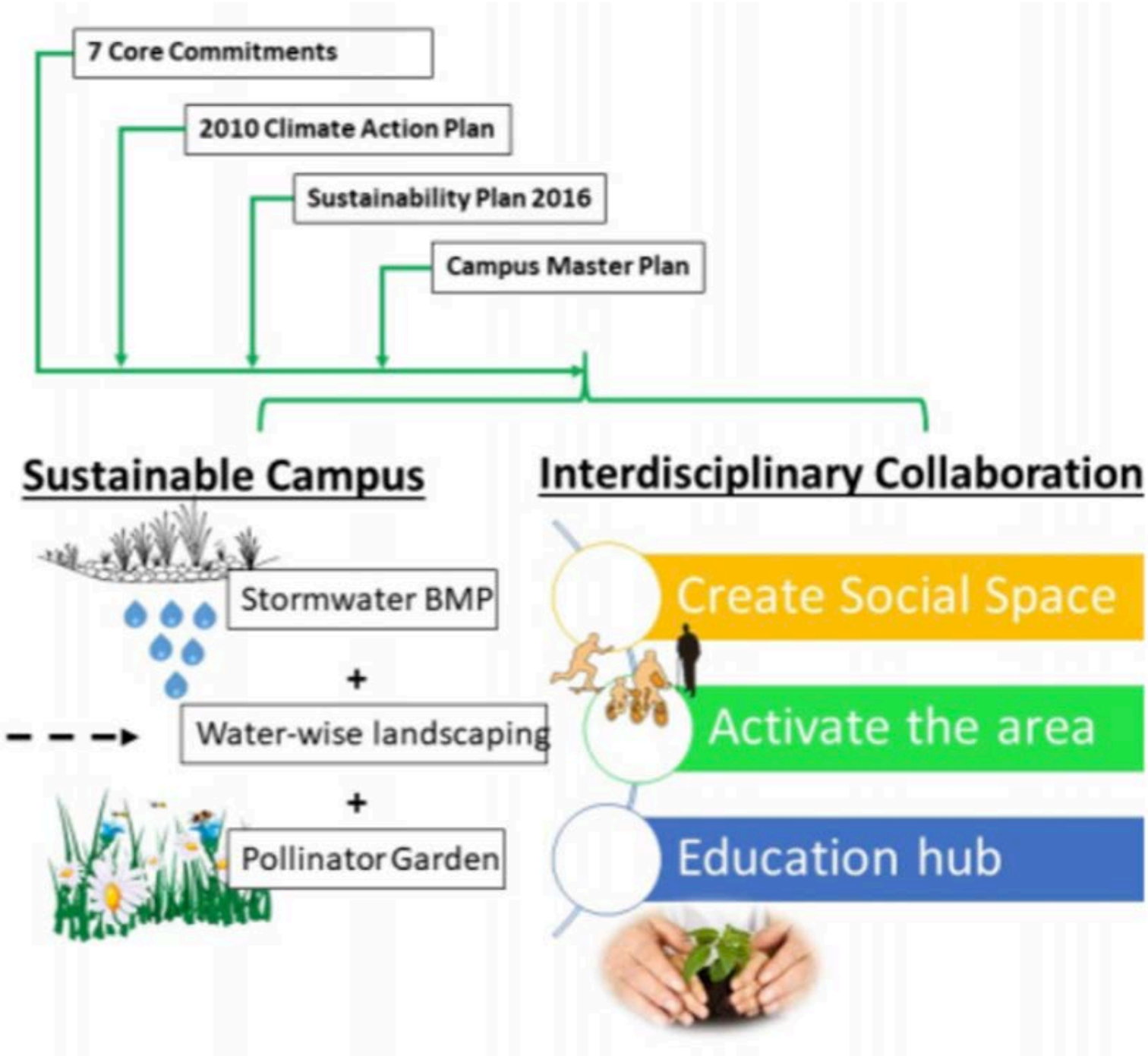
E

UU GI 12 – pollinator garden



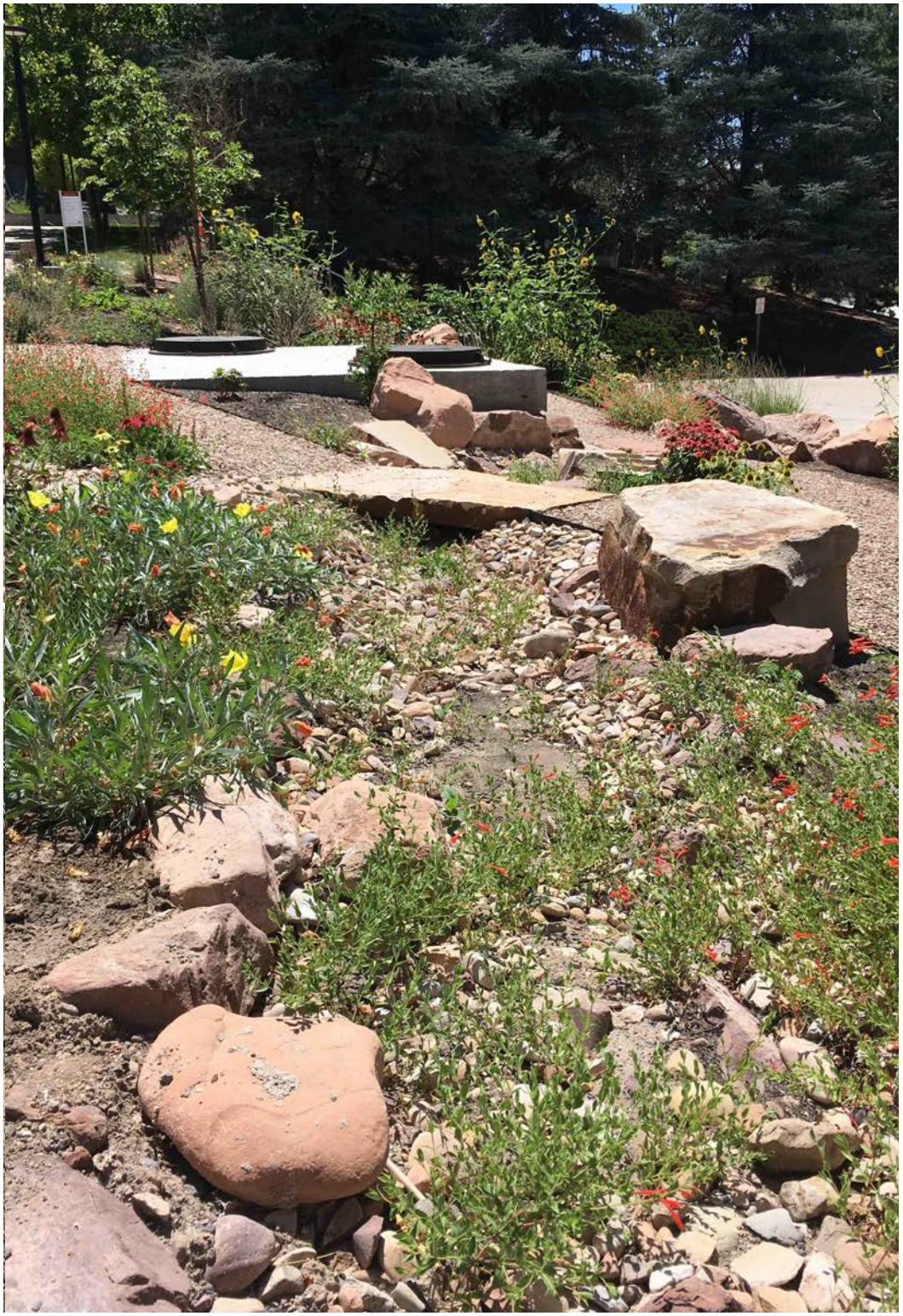
E

UU GI 12 – pollinator garden

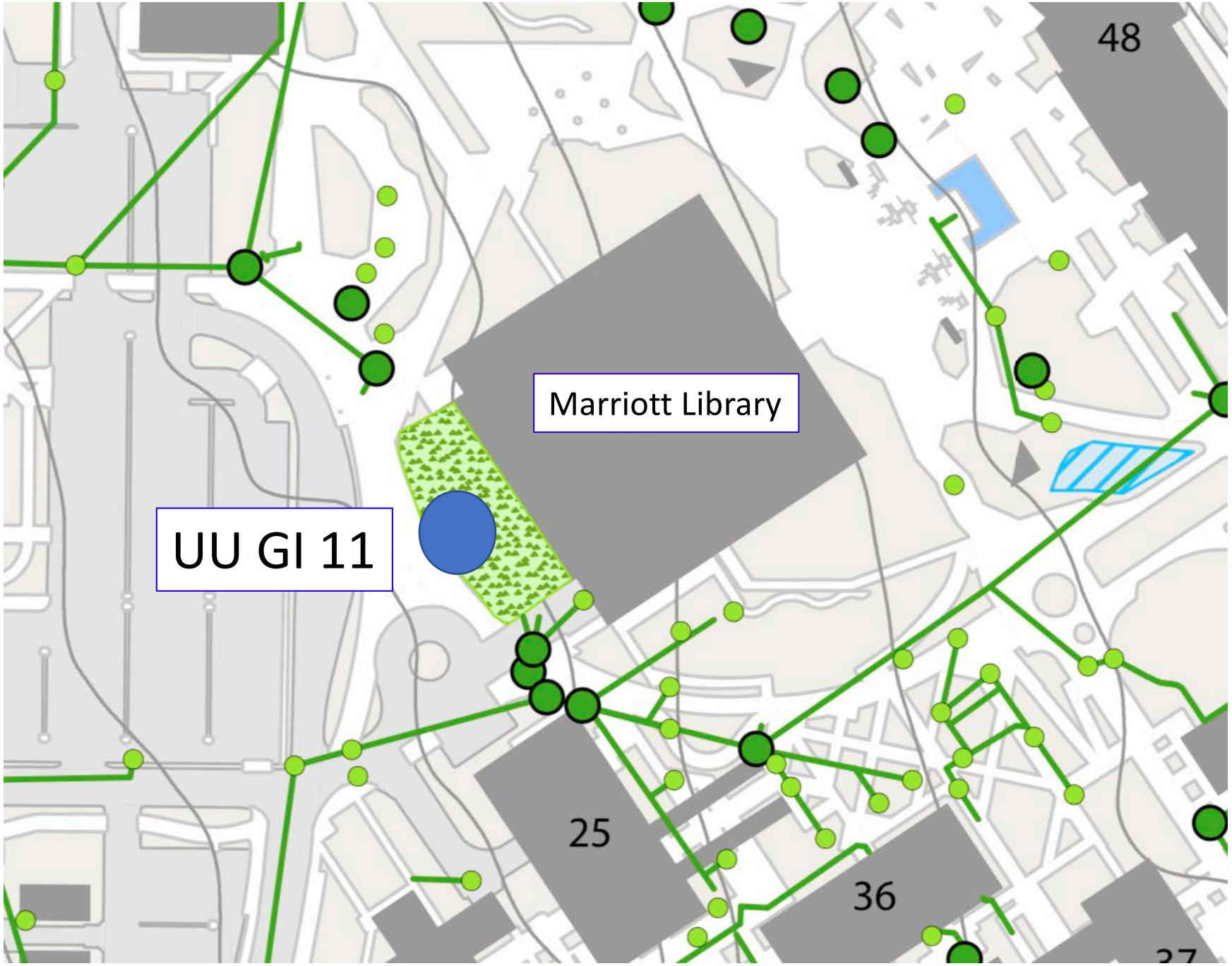


E

E



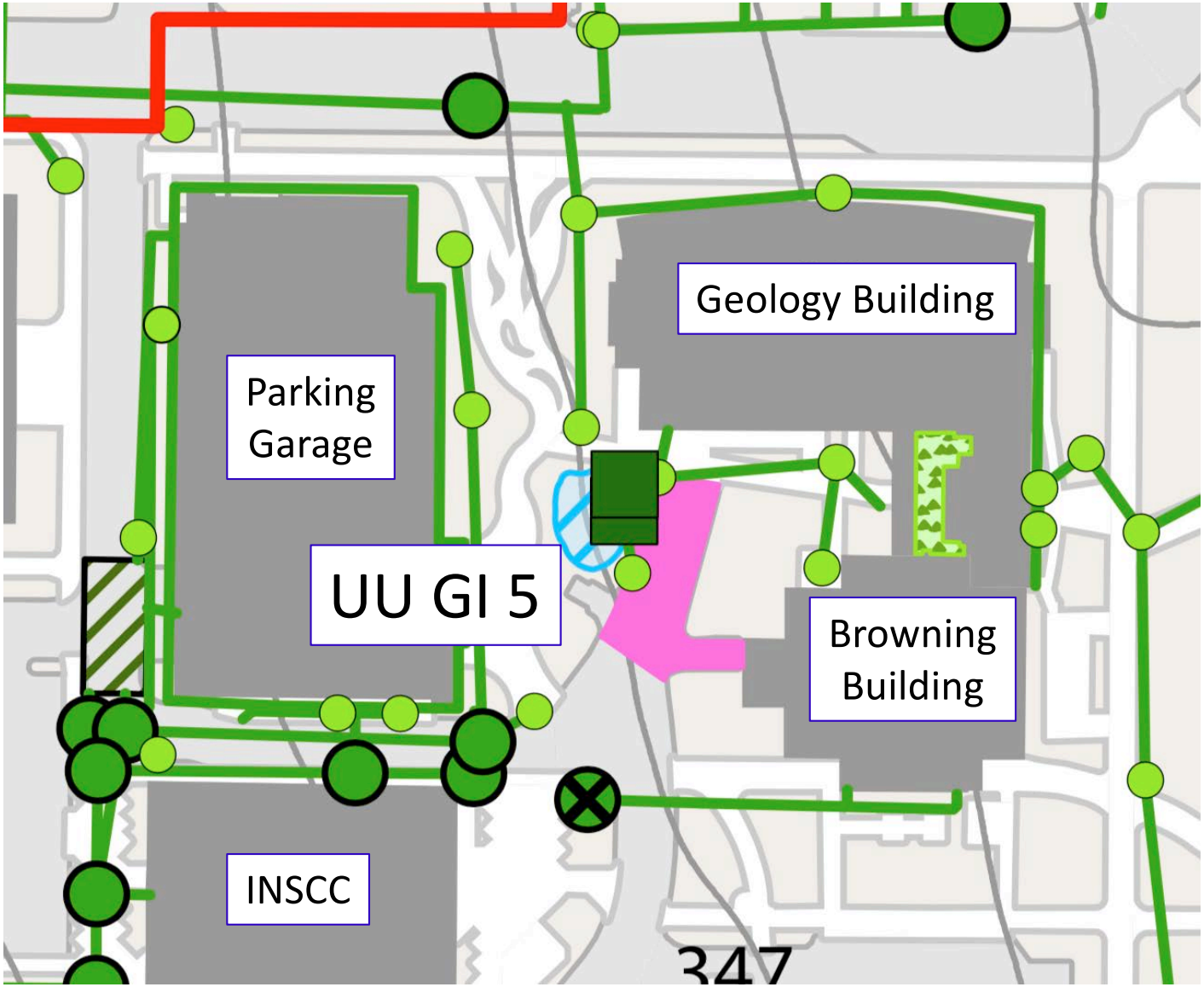
UU GI 11 – roof garden on west side of Marriott Library



UU GI 11 – roof garden on west side of Marriott Library


UU GI 11 – roof garden on west side of Marriott Library
Met. Tower
Non-vegetated Lysimeter
Tipping Bucket
Sedum Lysimeter
Bluegrass Lysimeter
Tipping Bucket
Tipping Bucket

UU GI 5 – retention pond on west side of Geology Building



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UU GI 5 – retention pond on west side of Geology Building