



## Sustainability Initiatives – Master Plan Phase I

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### Site

- Porous paving is specified for some of the parking areas on the north and south campus.
- CU Structural Soil is specified around the northern parking lot planting islands to improve soil conditions for the proposed trees.
- Invasive vegetation will be removed within the project area and the site will be planted with a majority of native plants.
- Where possible, existing mature trees are to remain and be protected during construction. 84 trees are proposed to be removed and 138 shade, 139 evergreen & 32 flowering trees are proposed to be planted.
- Within the wetlands, the existing lawn will be replaced with native trees, shrubs & a native grass meadow.
- Pollinator gardens will be installed on both the north and south campus for habitat enhancement and education.
- Around the existing pond, invasive vegetation will be removed and native wetland plants will be established along the embankments and emergent wetlands.
- Floating wetlands will be installed in the pond for additional aquatic plant life to extract and store nutrients from the surface water.
- All of the proposed exterior light fixtures are full cut off to prevent light trespass and glare.

### Architectural

- Local stone.
- Natural cedar siding.
- Wood veneer cabinets (with formaldehyde-free wood core).
- Continuous mineral wool insulation.
- High performance glass curtain wall system.
- Low VOC paint.
- Specified carpet is UL Environment 3<sup>rd</sup> party verified material with PVC free backing.
- Specified ACT ceiling contains up to 70% recycled material.
- Specified Ninewood ceiling feature Program for Endorsement of Forest Certification (PEFC) solid wood material.

### Mechanical

- 100% OA (DOAS) system with total energy recovery wheel.
- Demand control ventilation control with zone level CO2 sensors.
- VRV heat recovery air-cooled Heat pump systems.
- High efficiency gas fired condensing boilers.
- LED lighting.
- High efficiency gas fired condensing domestic water heaters.
- Low flow plumbing fixtures.

### Other:

- Installation of water bottle fountains.
- Electric car charging station.