

Forest Exploration Center Green Infrastructure Plan

Wauwatosa, Wisconsin



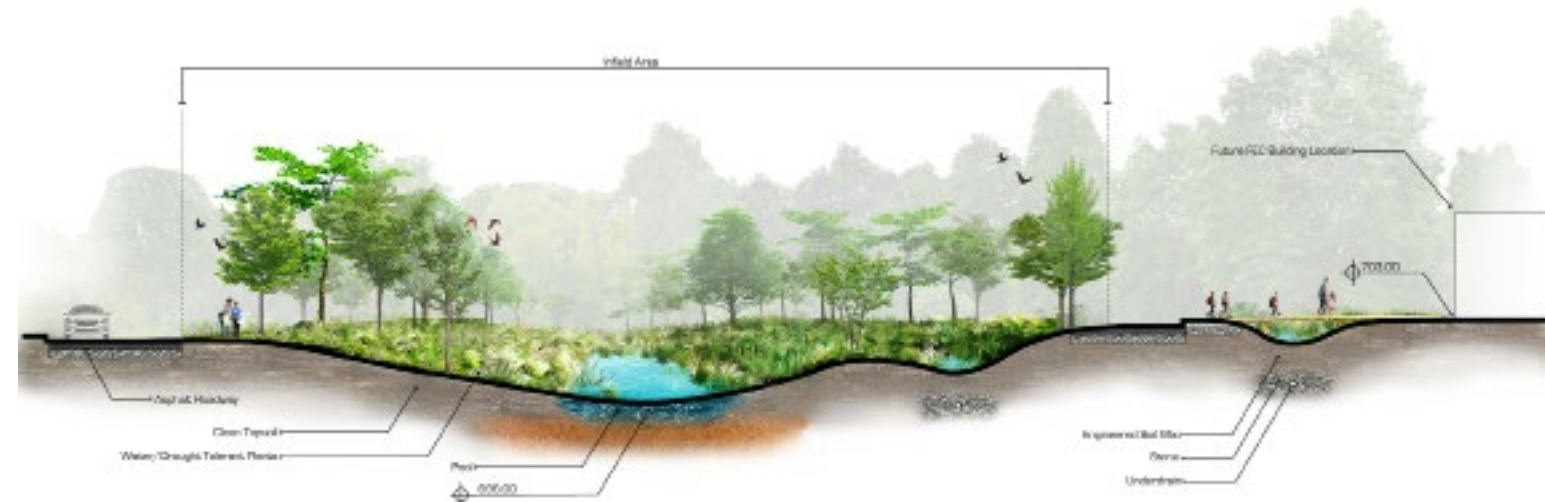
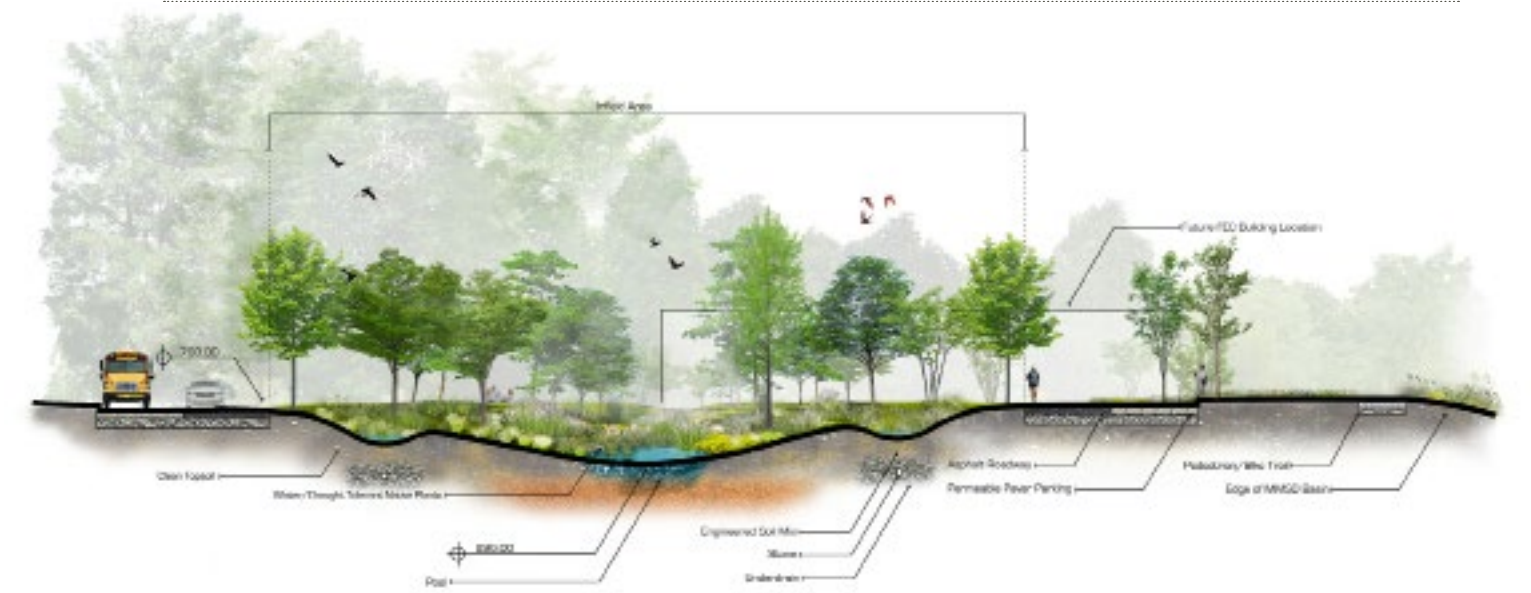
The Forest Exploration Center (FEC) Master Plan and Green Infrastructure Plan creates a vision for rehabilitation and redevelopment of a 15-acre portion of the woodland site previously disturbed by human activities. The visitor center, trails, access drive, and related features included in the plan are intended to promote the FEC's mission of educating residents about Wisconsin's forestry legacy and sustainable forestry practices. The plan emphasizes green infrastructure practices such as biofiltration, infiltration, regenerative stormwater conveyance, and engineered wetland treatment. The green infrastructure plan was developed through extensive collaboration with project stakeholders and designed using detailed stormwater modeling to address the goals of meeting "presettlement" runoff and pollutant discharge rates and substantially reducing runoff volumes.

Goals of the plan include:

- Reduce or eliminate on-site stormwater discharge
- Conserve and enhance habitat areas
- Celebrate Wisconsin's forestry legacy through the use of local wood products in implementation
- Provide interpretive and educational opportunities about sustainable forestry and green infrastructure
- Minimize maintenance requirements and costs
- Contribute towards regional stormwater volume reduction and water quality metrics

KEY PLAN

- ① Future Building
- ② Future Building Expansion
- ③ Trailhead
- ④ Bus Parking
- ⑤ Shop Building
- ⑥ New Main Entrance Road
- ⑦ Swan Blvd Round-A-Bout
- ⑧ Secondary/Maintenance Access
- ⑨ Drop Off Loop With Parking
- ⑩ Mixed Use Path



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