



# Racine Green Infrastructure

## Concept Development

July 11, 2023

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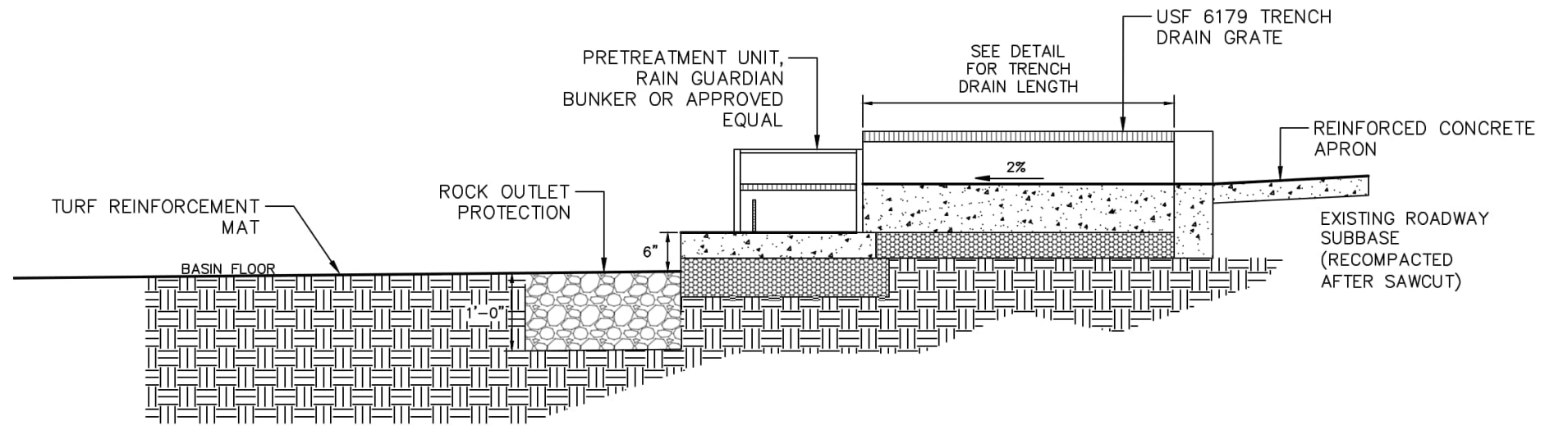


# Site Analysis Vacant Lot Green Infrastructure Transformation



Arch Park Green Infrastructure Park, Cleveland, Ohio

Former Gas Station Property



Arch Park Green Infrastructure Park, Cleveland, Ohio

Note: Pretreatment Unit



Arch Park Green Infrastructure Park, Cleveland, Ohio

Note: Trench Drain Capturing Street Runoff

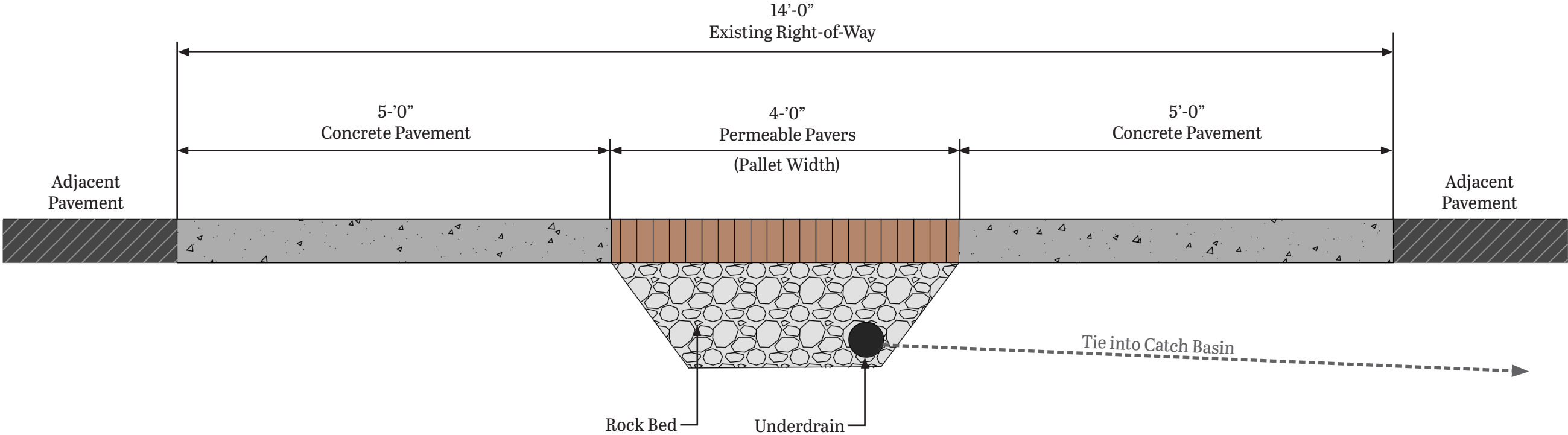


Fleet Avenue Green Infrastructure, Cleveland, Ohio



Fleet Avenue Green Infrastructure, Cleveland, Ohio

# Green Alley Plan and Typical Cross Section



# Green Infrastructure Basin Central Basin

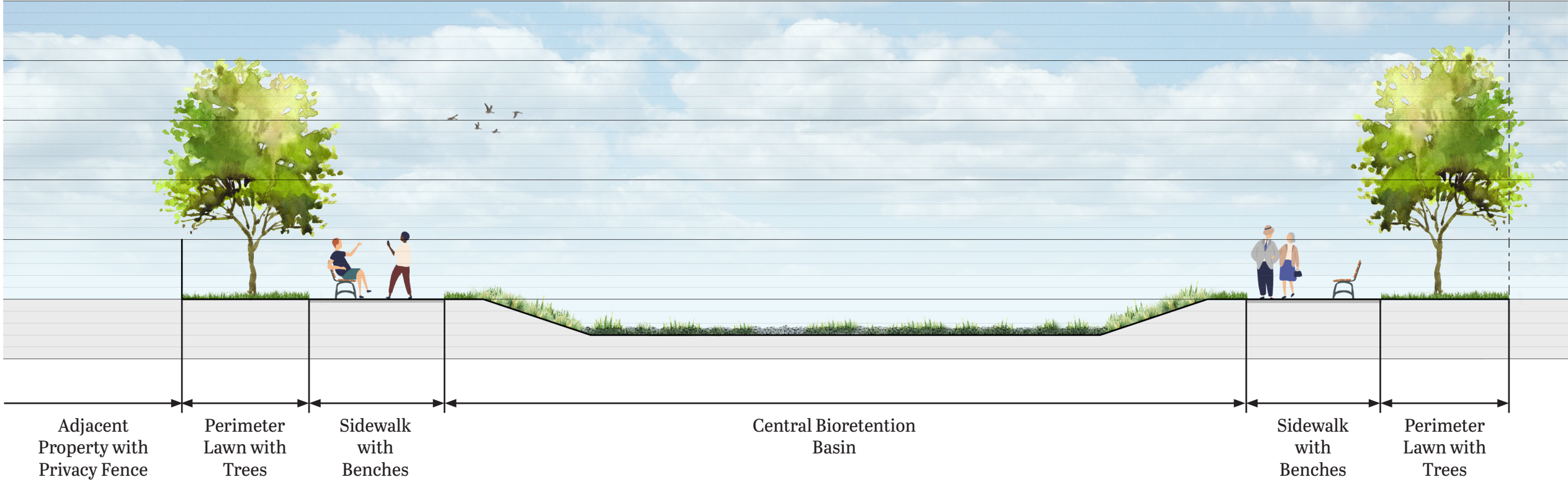


## Legend

- ① Central Bioretention Basin
  - ② Sidewalk with Benches
  - ③ Perennial and Bulb Plantings
  - ④ Perimeter Lawn with Trees
  - ⑤ Central Gathering Space
  - ⑥ Solid Privacy Fence, 2 Sides
  - ⑦ Trench Drain
  - ⑧ Existing Catch Basin
  - ⑨ Parking Lot Curbs and Bollards
- ~> Drainage Arrow



# Green Infrastructure Basin Central Basin



Key Map



# Green Infrastructure Basin Central Lawn with Bioretention

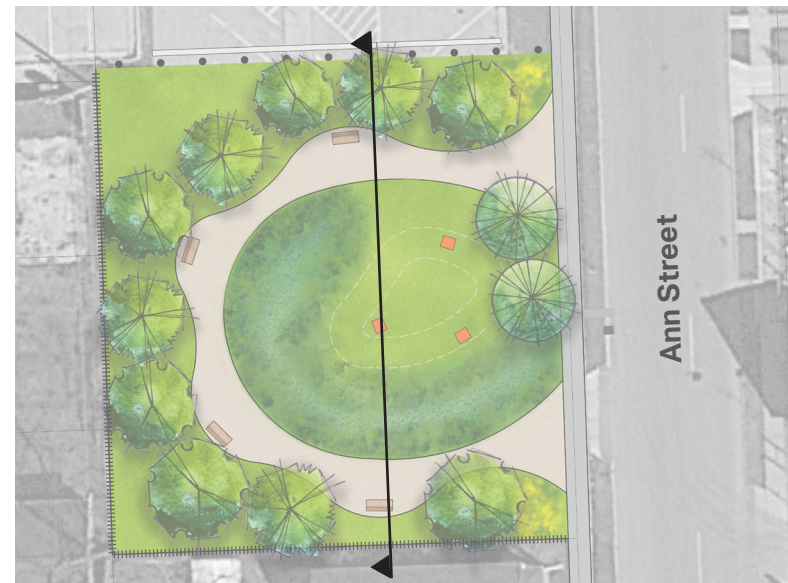
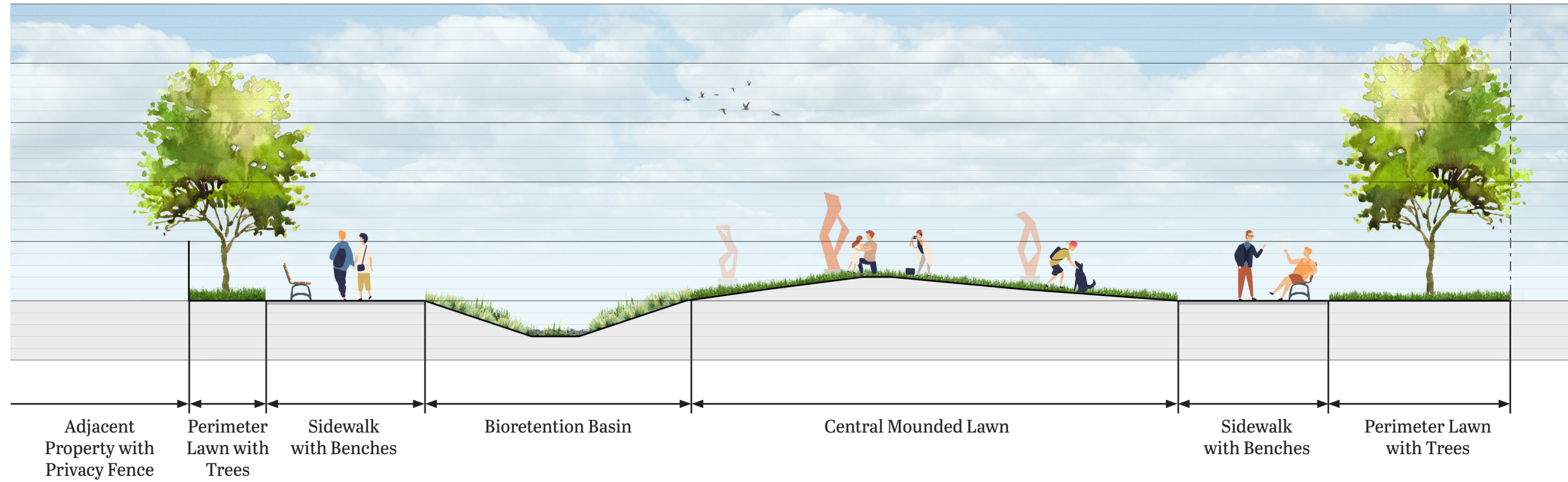


## Legend

- ① Bioretention Basin
  - ② Central Mounded Lawn with Public Art Focal Pieces or Seating Element
  - ③ Sidewalk with Benches
  - ④ Perennial and Bulb Plantings
  - ⑤ Perimeter Lawn with Trees
  - ⑥ Solid Privacy Fence
  - ⑦ Trench Drain
  - ⑧ Existing Catch Basin
  - ⑨ Parking Lot Curbs and Bollards
- Drainage Arrow



# Green Infrastructure Basin Central Lawn with Bioretention



Key Map