

# Schutte Park Master Plan

February 14, 2017

## Overview

The *Schutte Park Master Plan* is a product of the *City of Dover Recreation Needs Assessment*. This primary planning document for all of the city parks was approved by City Council on August 10, 2015. Among the implementation strategies named in this plan is a recommendation that master plans be developed for each of Dover's three anchor parks (Schutte Park, Silver Lake Park, and Dover Park). The master plan for Schutte Park is the first of the three to be developed.

The *Needs Assessment* included a public process to determine park users' priorities in the future development of the anchor parks. Many of the specific recommendations of the *Schutte Park Master Plan*, including the finished loop trail, new athletic fields, additional parking, fitness stations and skate park come directly from the *Needs Assessment*. The primary purpose of the master plan is to organize these desired amenities into an attractive and efficient park design that park visitors will enjoy returning to again and again.

Development of the master plan was ongoing throughout 2016, and included a public workshop on July 20, 2016 to gather feedback on a draft design. The public workshop led to several important changes to the design, including a reduction in new parking on the west side of the park and the addition of restrooms and water fountains. Development also included consultation with outside experts, who produced the concepts included in this plan for the skate park and a disc golf course. More detailed design of these two amenities is needed based on the particular needs and desires of their users.

## Phasing

The master plan includes four phases, detailed below:

PHASING		
Phase	Description	Anticipated Timeframe
Phase 1	-Finish loop trail; plant additional trees and wooded areas and install benches along paths -Install disc golf course -Pave and stripe existing parking lots; use pervious pavement for parking spaces -Grade and seed west of Former Wyoming Mill Rd; begin using additional field space	2017-2018
Phase 2	-Construct multi-use artificial turf field and entrance plaza -Plant rain garden between pond and softball fields; wooded area east of pond -Add additional storage space	2019-2020
Phase 3	-Construct new parking and event plaza using shared paving near intersection of Wyoming Mill Rd and Hazletville Rd -Install outdoor exercise equipment along loop trail -Install bathrooms and water fountains adjacent to event plaza -Plant rain garden south of future skate park; wooded area east of new parking lot	2021-2022
Phase 4	-Construct new park shelter adjacent to event plaza -Construct skate park adjacent to event plaza	2023-2024

Estimates of the area to be developed in each phase are as follows:

AREA/QUANTITY ESTIMATES					
	Phase 1	Phase 2	Phase 3	Phase 4	Total
New trails	75,320 S.F. / 7,532 L.F.	5,954 S.F. / 595 L.F.	6,742 S.F. / 674 L.F.	N/A	88,016 S.F. / 8,802 L.F.
New Drive aisles	91,295 S.F.	N/A	26,918 S.F.	N/A	118,213 S.F.
Pervious Parking Spaces	62,991 S.F. / 378 spaces	N/A	16,776 S.F. / 94 spaces	N/A	79,767 S.F. / 472 spaces
Plazas	N/A	1,292 S.F.	10,499 S.F.	N/A	11,791 S.F.
New structures	N/A	437 S.F. (sheds)	558 S.F. (bathroom)	858 S.F. (park shelter)	1,853 S.F.
Artificial Turf Field	N/A	97,275 S.F.	N/A	N/A	97,275 S.F.
Skate Park	N/A	N/A	N/A	8,100 S.F.	8,100 S.F.
New trees	665	116	71	N/A	853
New light poles	65	5	47	N/A	117

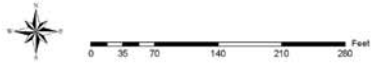
#### Plan Documents

1. Existing Conditions Map
2. Phase 1 Plan
3. Phase 2 Plan
4. Phases 3 & 4 Plan
5. Renderings
6. Skate park concepts
7. Disc golf route
8. Rain garden examples
9. Shared pavement examples
10. Draft plan of 7/20/16 (for comparison purposes only)





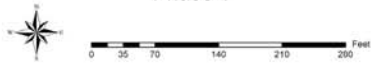
Schutte Park: Existing Conditions







Schutte Park Master Plan  
Phase 1



- Grade and seed park extension for field use
- Finish loop trail around park
- Add new multi-use fields
- Line trails with new trees

pave existing parking lots with  
asphalt drives and pervious  
pavement parking spaces





construct new artificial turf field with lighting

West North Street

Village of Westover

Hazlettville Road

Electric Avenue

construct entrance plaza to recreation center and turf field

Wyoming Mill Road

plant new wooded area on east side of pond

add storage as needed for western fields

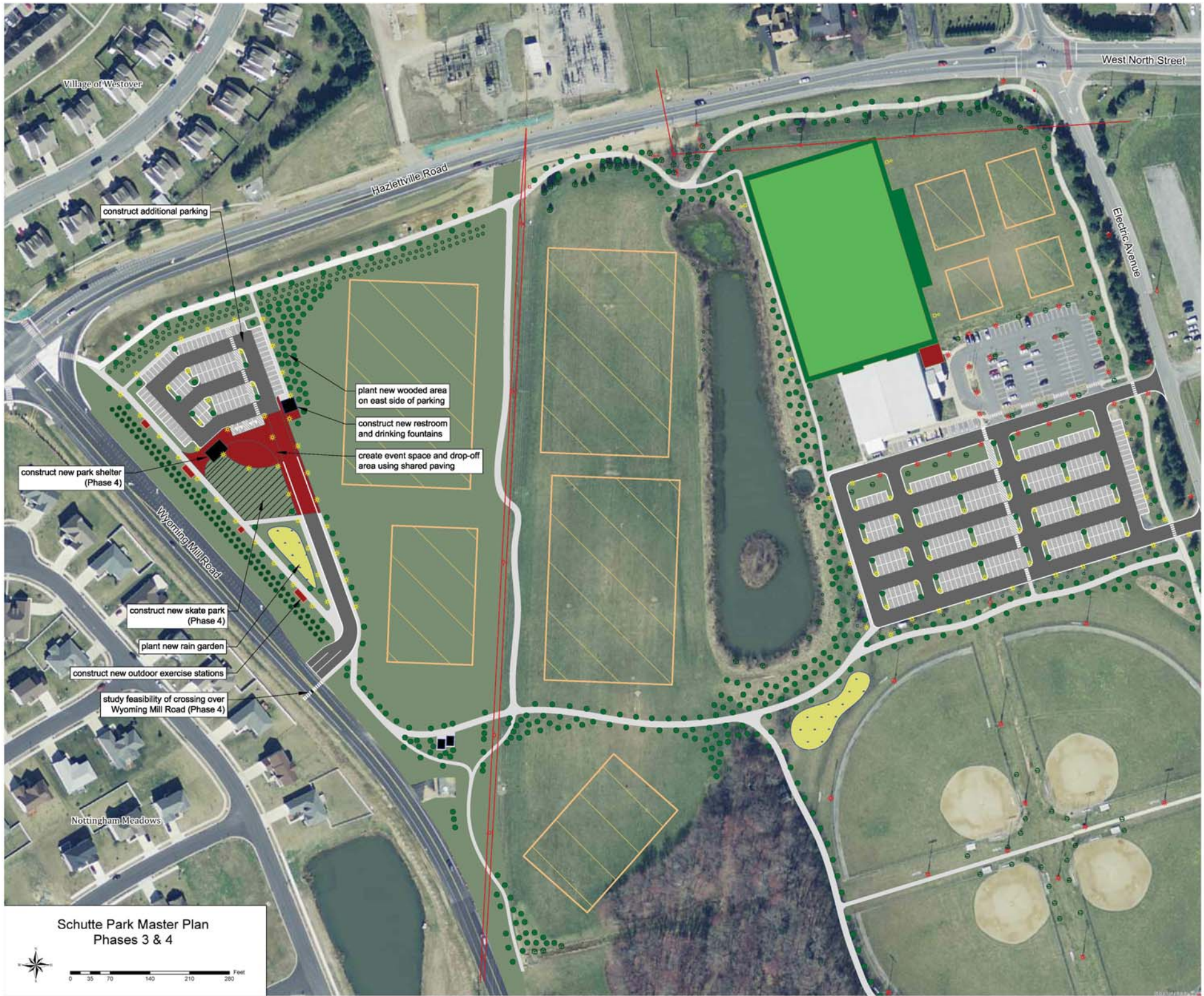
plant new rain garden

Nottingham Meadows

Schutte Park Master Plan  
Phase 2



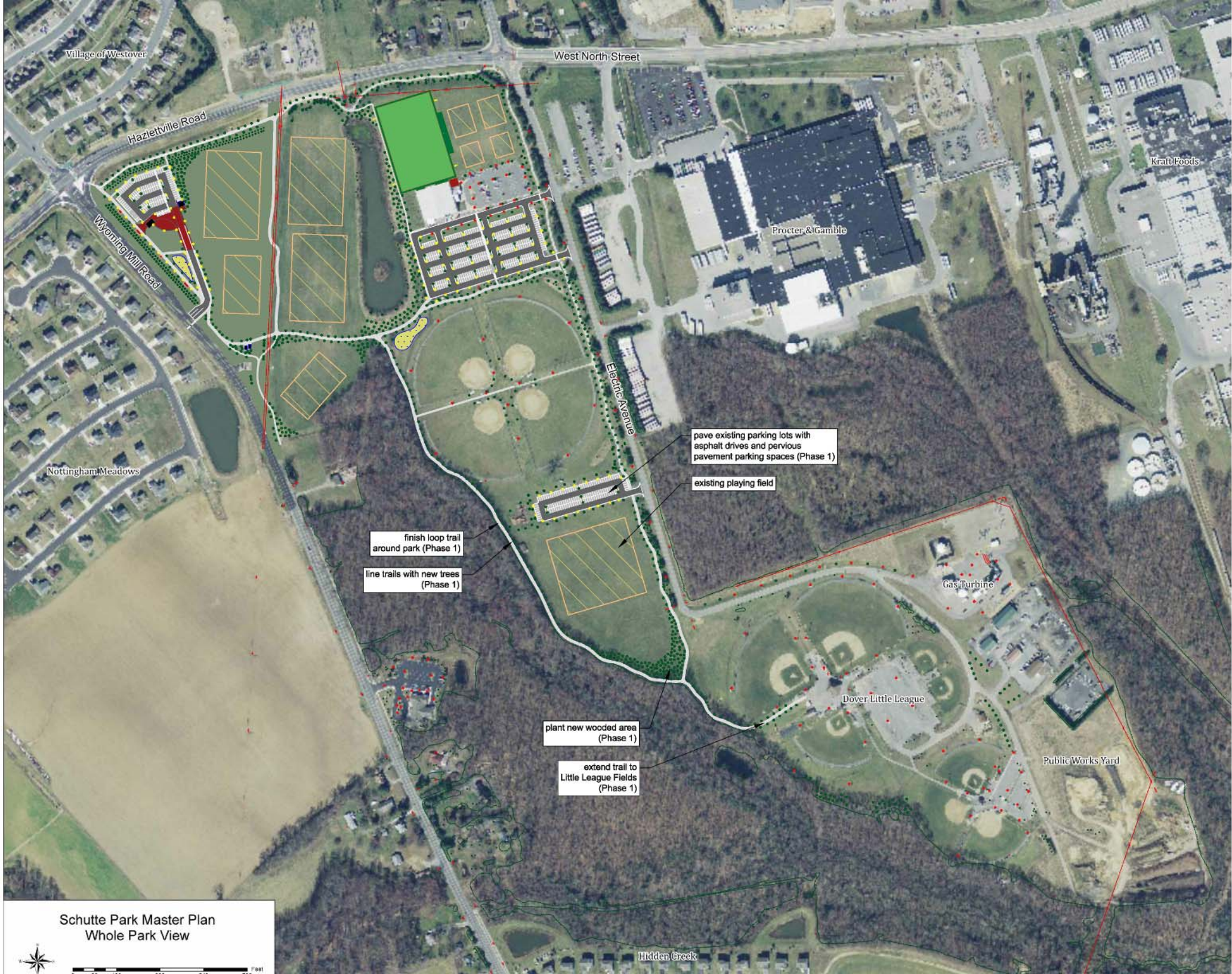




Schutte Park Master Plan  
Phases 3 & 4







Village of Westover

West North Street

Hazlettville Road

Wyoming Mill Road

Nottingham Meadows

Kraft Foods

Procter & Gamble

Electric Avenue

pave existing parking lots with asphalt drives and pervious pavement parking spaces (Phase 1)

existing playing field

finish loop trail around park (Phase 1)

line trails with new trees (Phase 1)

plant new wooded area (Phase 1)

extend trail to Little League Fields (Phase 1)

Gas Turbine

Dover Little League

Public Works Yard

Hidden Creek

# Schutte Park Master Plan Whole Park View





Pitts Center and artificial turf field, looking northwest



\*Renderings are illustrative, and do not show final site details (furnishings, pavement patterns, etc.)



Western plaza and park shelter, looking west





Northwest entrance to park, looking south







VIDEO FLY-THROUGHS

COMMUNITY ENGAGEMENT

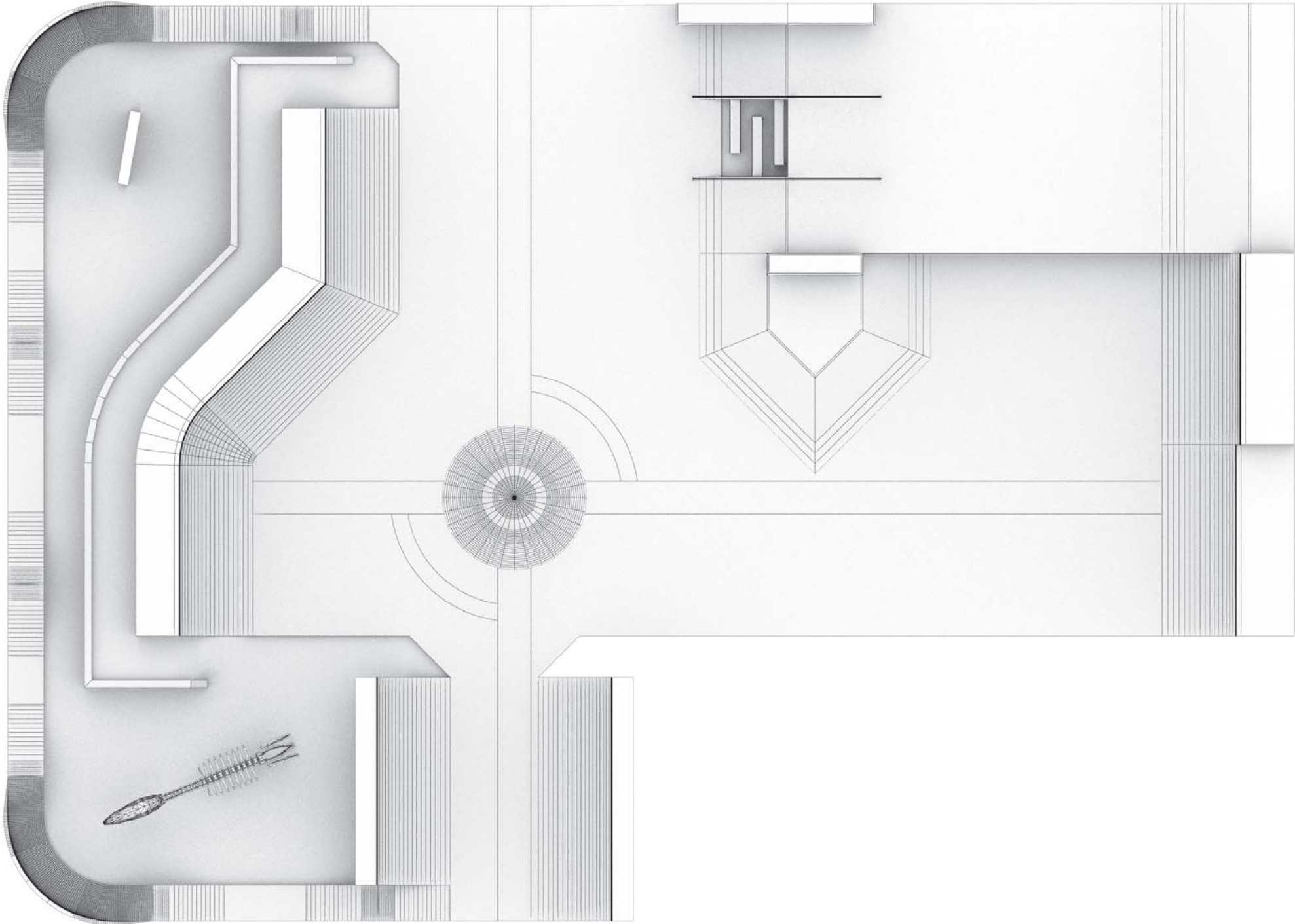
3D ILLUSTRATIONS

SUSTAINABLE APPROACH



117'

84'







**SPOHN RANCH  
SKATEPARKS**

**SCHUTTE PARK skatepark**  
DOVER, DE





**SPOHN RANCH**  
**SKATEPARKS**

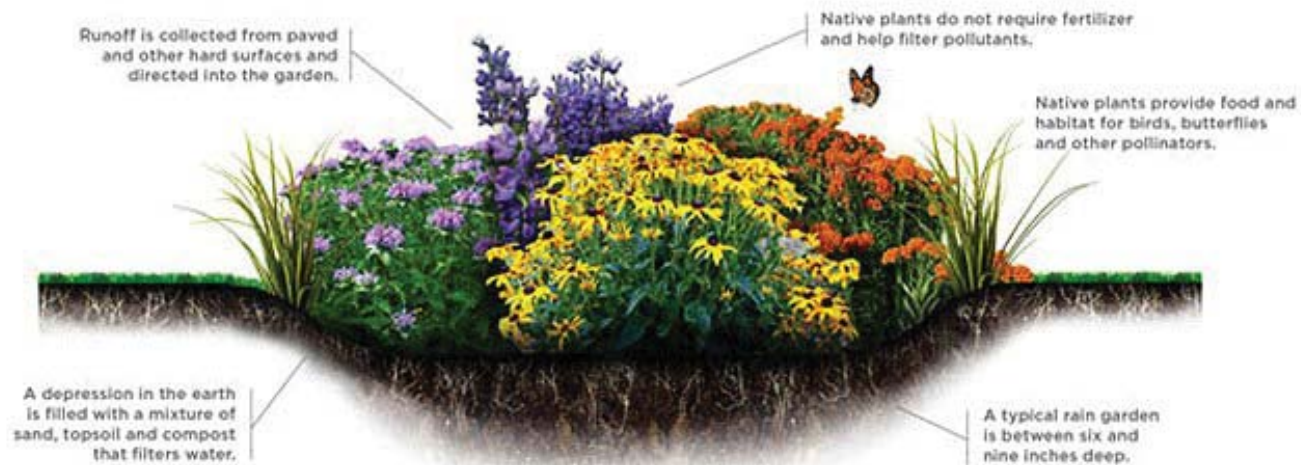
**SCHUTTE PARK skatepark**  
**DOVER, DE**



## Rain Garden examples

### What is a Rain Garden?

Nature's Water Filter: Rain gardens are shallow landscaped depressions that capture, clean and absorb stormwater runoff from roofs, parking lots and roads.



Source: <http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/newjersey/explore/rain-gardens-1.xml>





## Shared pavement examples



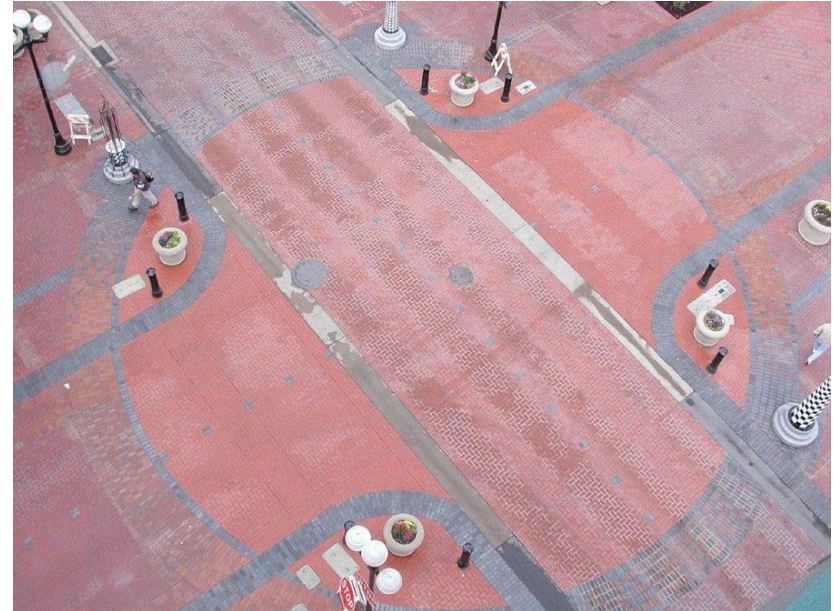
Characteristics:

- textured pavements with flush curbing to reinforce priority of pedestrians
- street furniture (bollards, planters, etc.) to delineate car-traveled way and pedestrian-only space

Source: <http://nacto.org/publication/urban-street-design-guide/streets/residential-shared-street/>



Broad Street, Victoria, BC



West Broadway, Eugene, OR



DRAFT PLAN  
7/20/2016

