

Swarthmore



Swarthmore College
Facilities Planning Framework
March 2012

Study 1: Observations and Analysis Executive Summary

AYERS
SAINT
GROSS

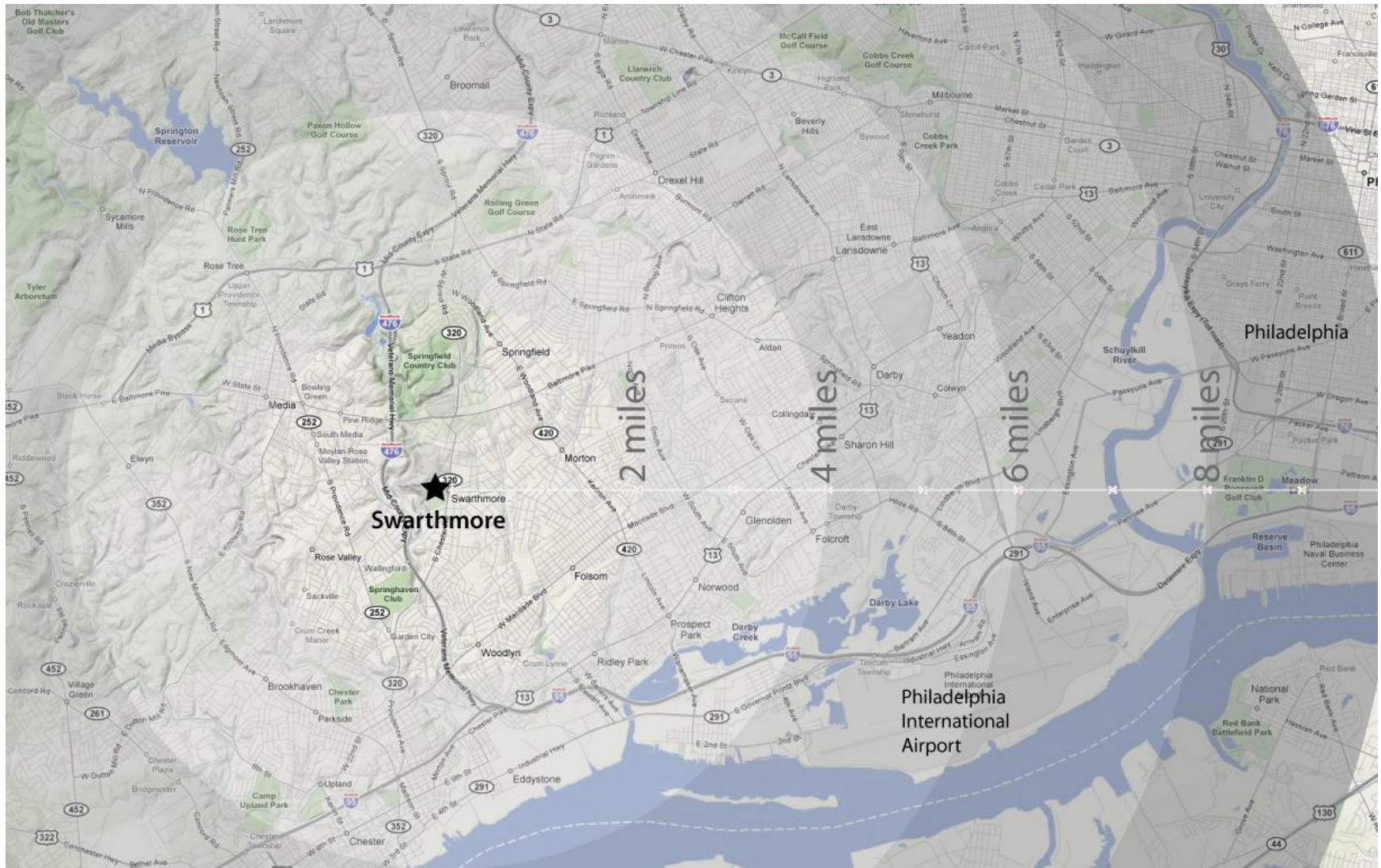
Campus Analysis: Facts and Figures

- Founded in 1864 as a coeducational college by members of the Religious Society of Friends (Quakers)
- 11 miles southwest of Philadelphia
- 425 acre campus, officially designated as the Scott Arboretum
- 1,545 undergraduates
- 173 tenured and tenure-track faculty positions and 71 temporary and part-time faculty positions
- 1,478,000 GSF
- 1,371 Beds; 93% of students live on campus

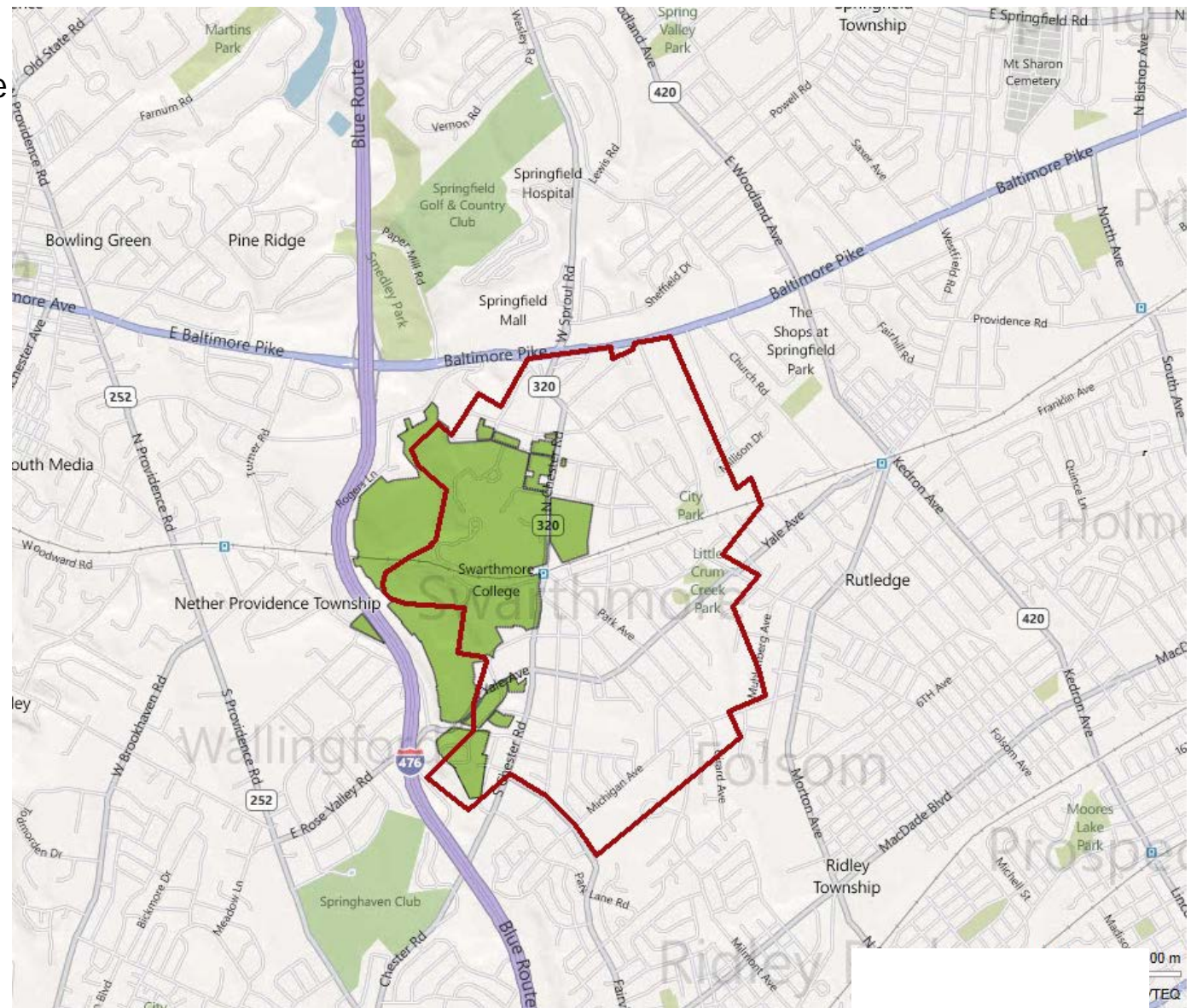
Source: Swarthmore College 2011-2012 Academic Year Institutional Analysis



Campus Analysis: Regional Context



Campus Analysis: Borough of Swarthmore



Swarthmore College



Borough of Swarthmore



Delaware County PA
Detail of Swarthmore Borough and Environs
PENNDOT 2004



Campus Analysis: Existing Conditions








Campus Analysis: Core Campus



Campus Analysis: Centers and Edges

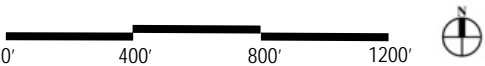


- CENTER: Parrish Hall 
- CENTER: Parrish Lawn 
- EDGE: SEPTA Line 
- EDGE: Crum Woods 
- EDGE: Adjacent streets 

Campus Analysis: Centers and Edges

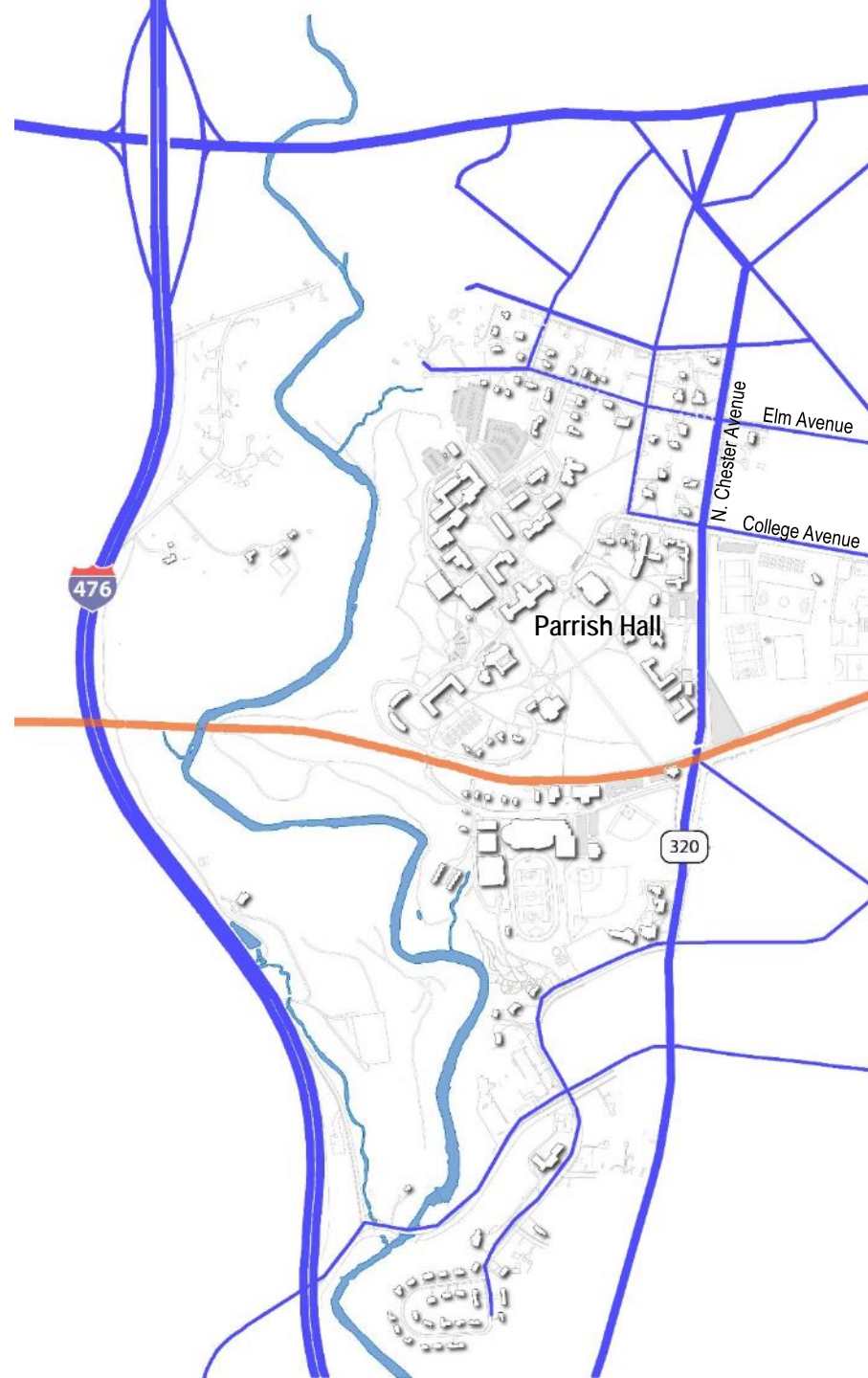


- CENTER: Parrish Hall
- CENTER: Parrish Lawn
- EDGE: SEPTA Line
- EDGE: Crum Woods
- EDGE: Adjacent streets



Campus Analysis: Campus Core with Regional Connections

SEPTA Rail Line
Adjacent Roadways



Campus Analysis: Topography within Campus Core



Highest Elevation



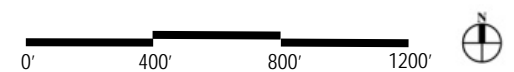
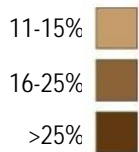
Lowest Elevation



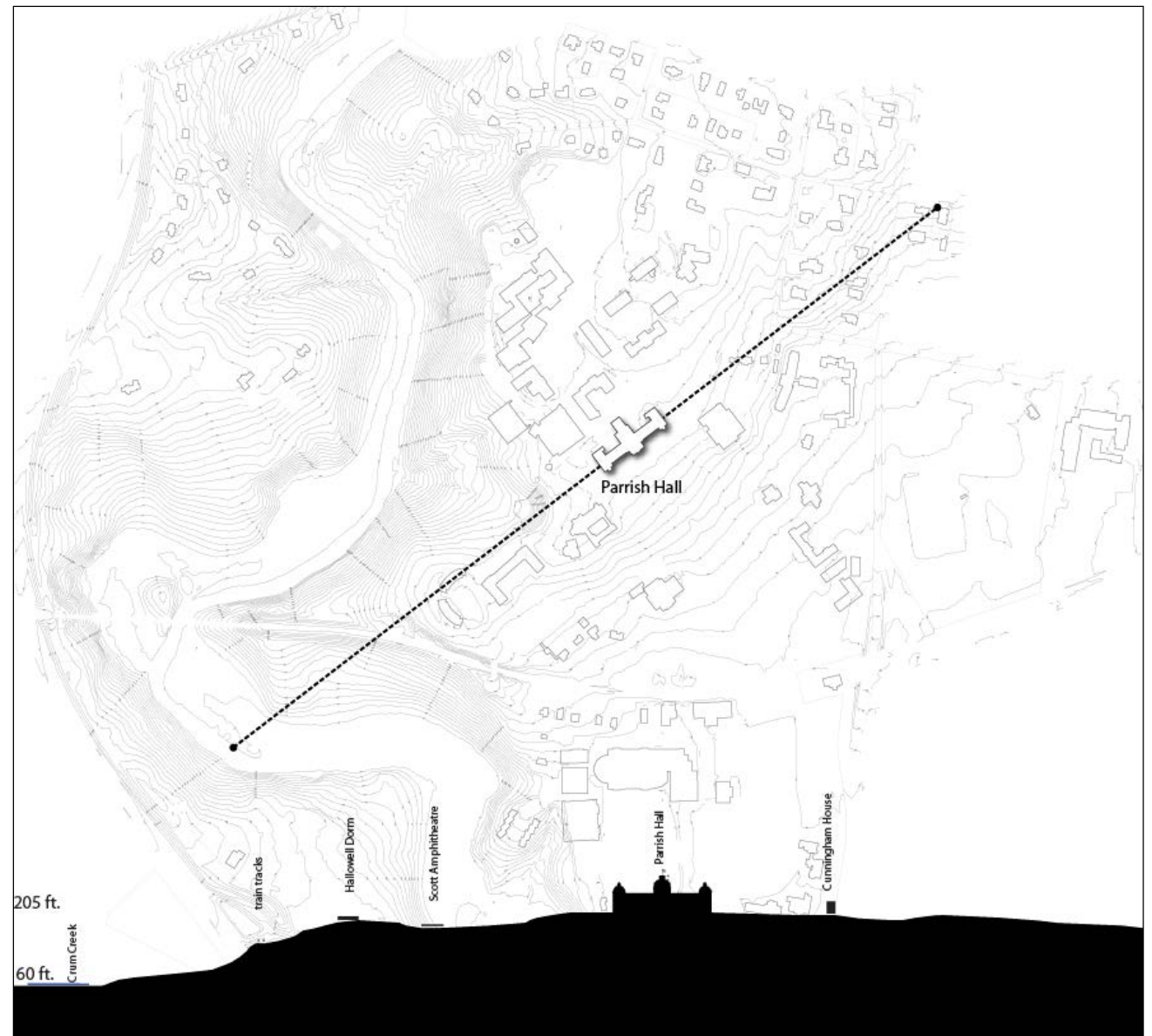
0' 400' 800' 1200'



Campus Analysis: Steep Slopes



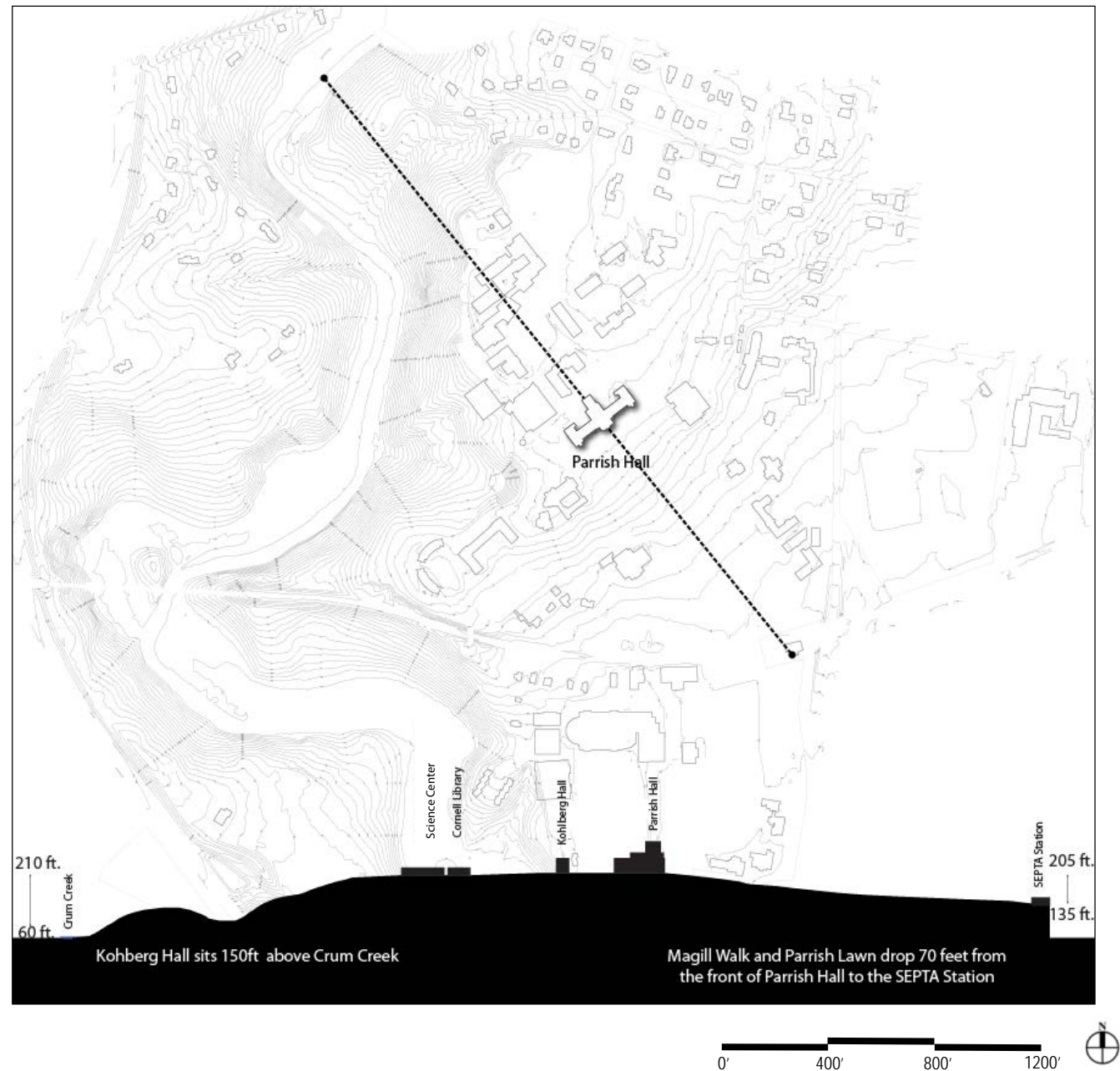
Campus Analysis: East/West Section through Core Campus Topography



0' 400' 800' 1200'

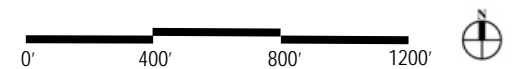
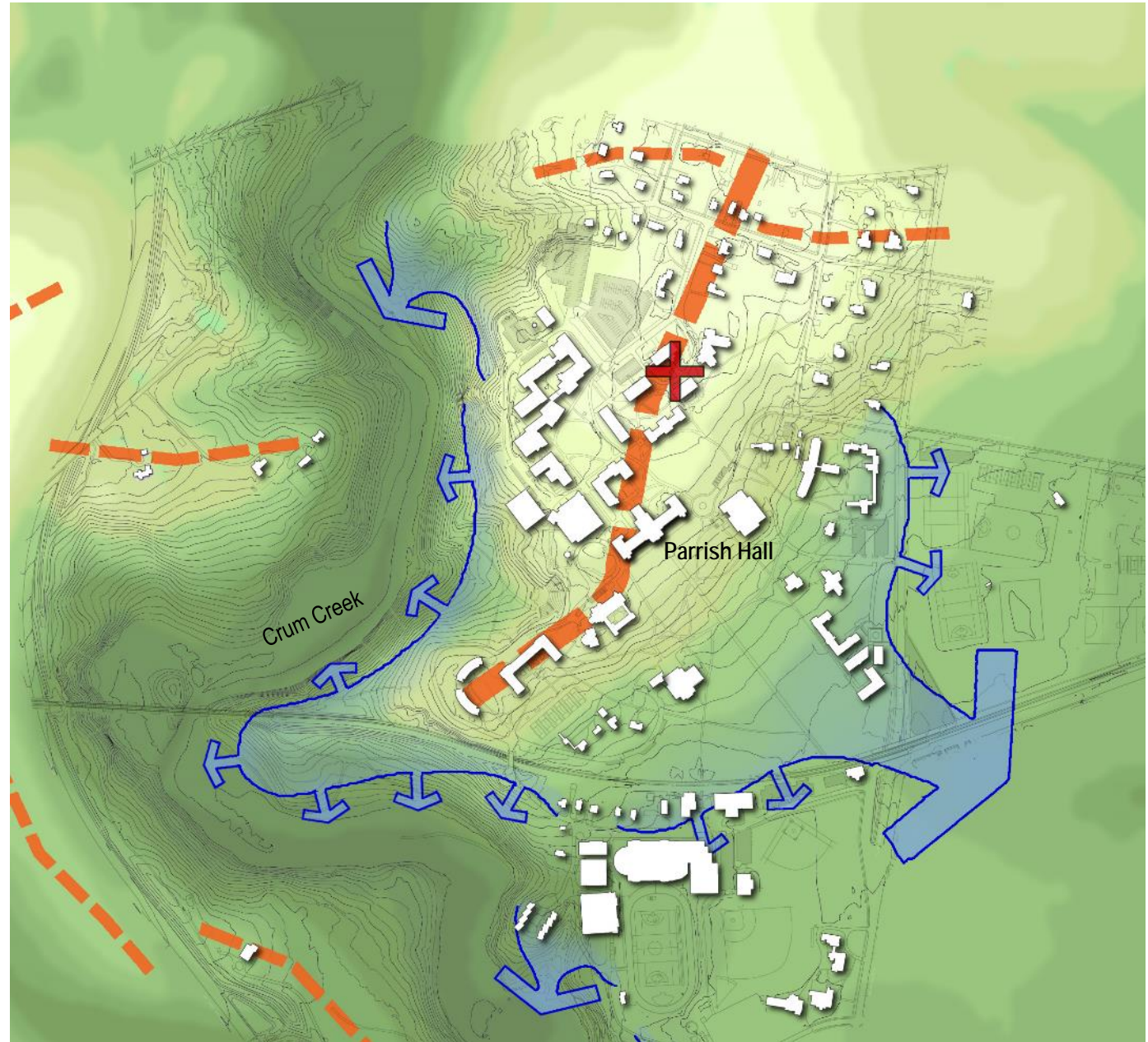


Campus Analysis: North/South Section through Core Campus Topography



Campus Analysis: Hydrology and Flow

- High Point 
- Ridge Line 
- Highest Elevation 
- Lowest Elevation 



Campus Analysis: Building History 1864

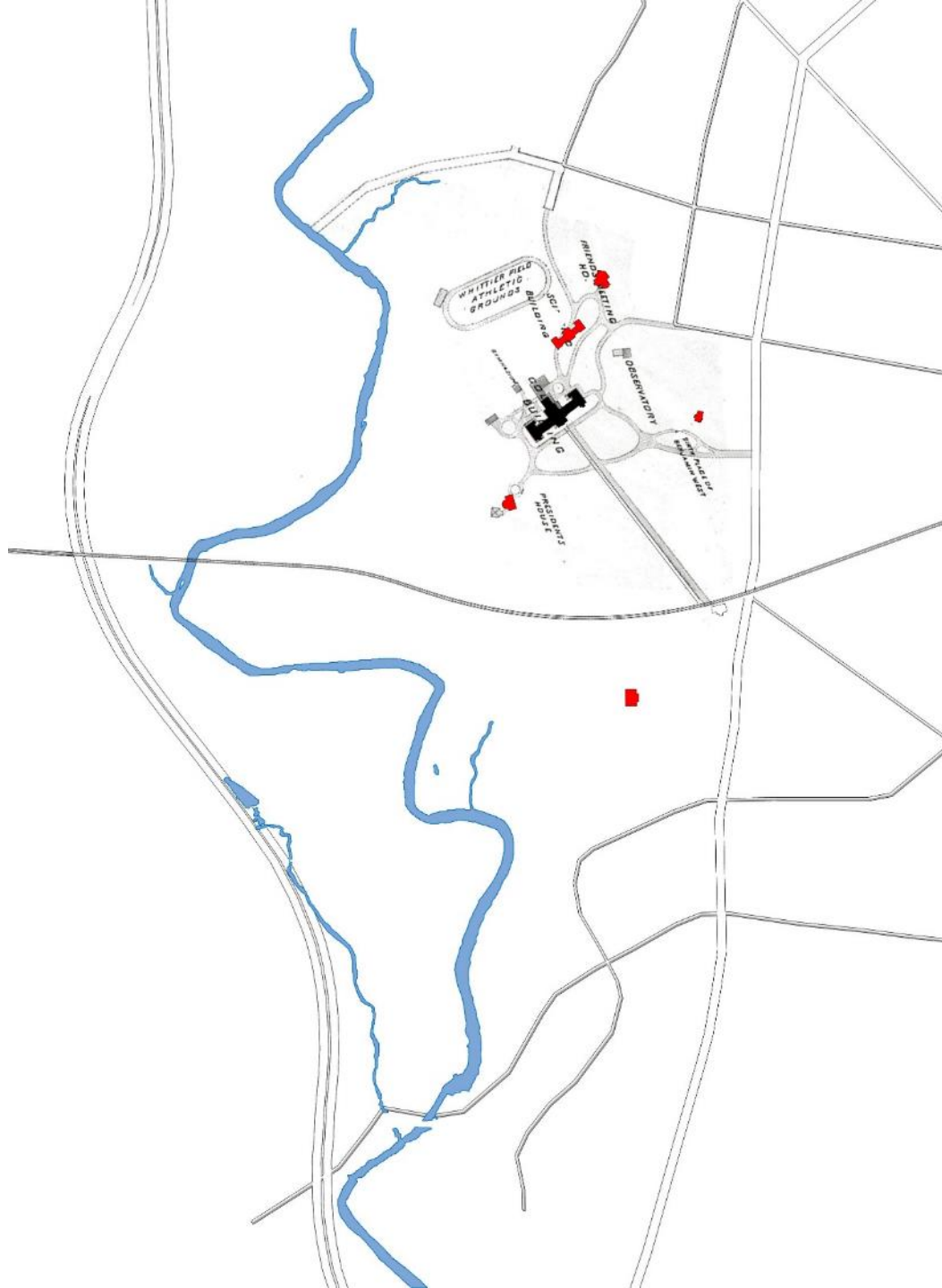
New Construction



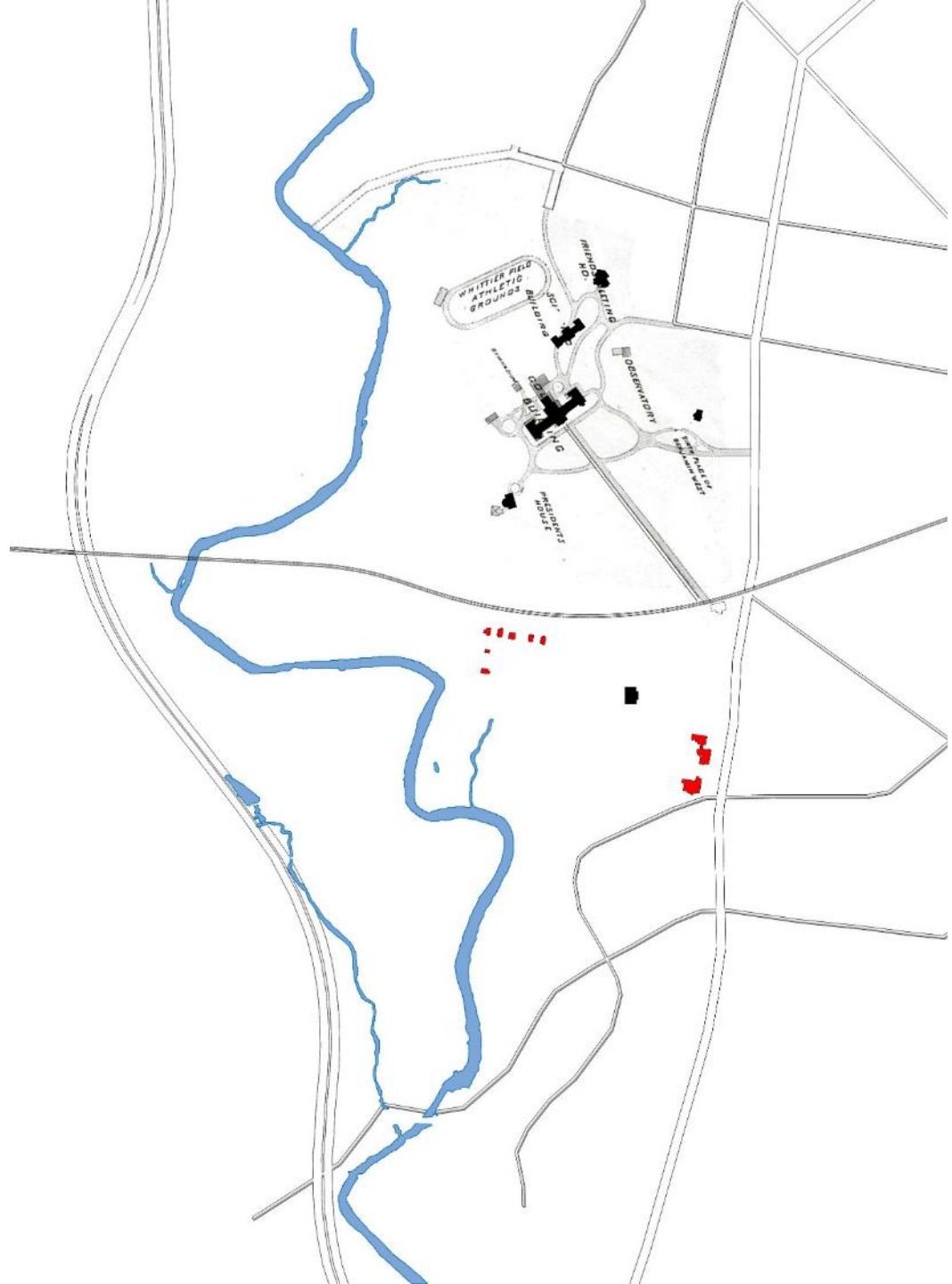
Campus Analysis: Building History 1890

Building previously
constructed

New Construction



Campus Analysis: Building History 1900



Building previously constructed

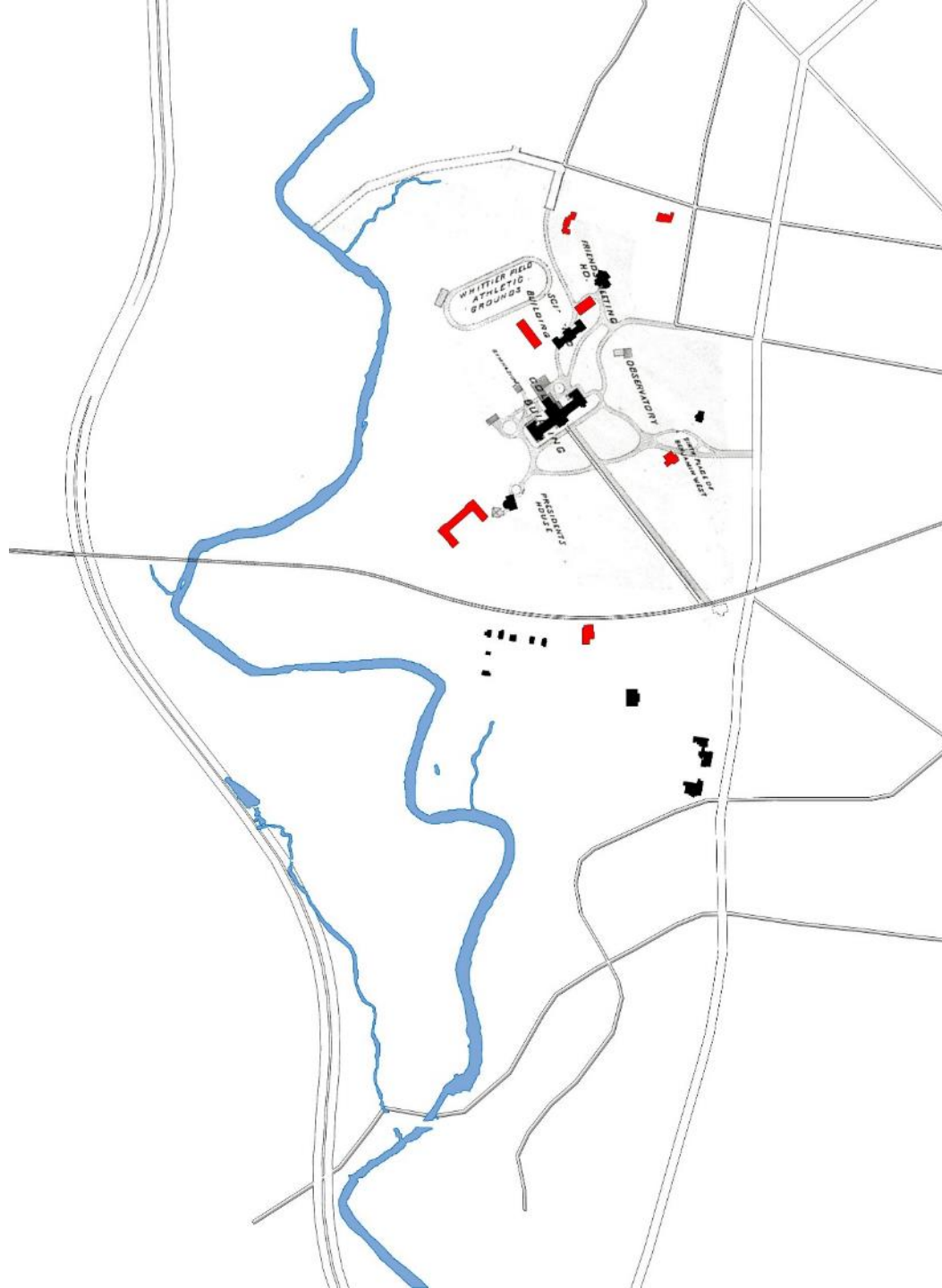
New Construction



Campus Analysis: Building History 1920

Building previously
constructed

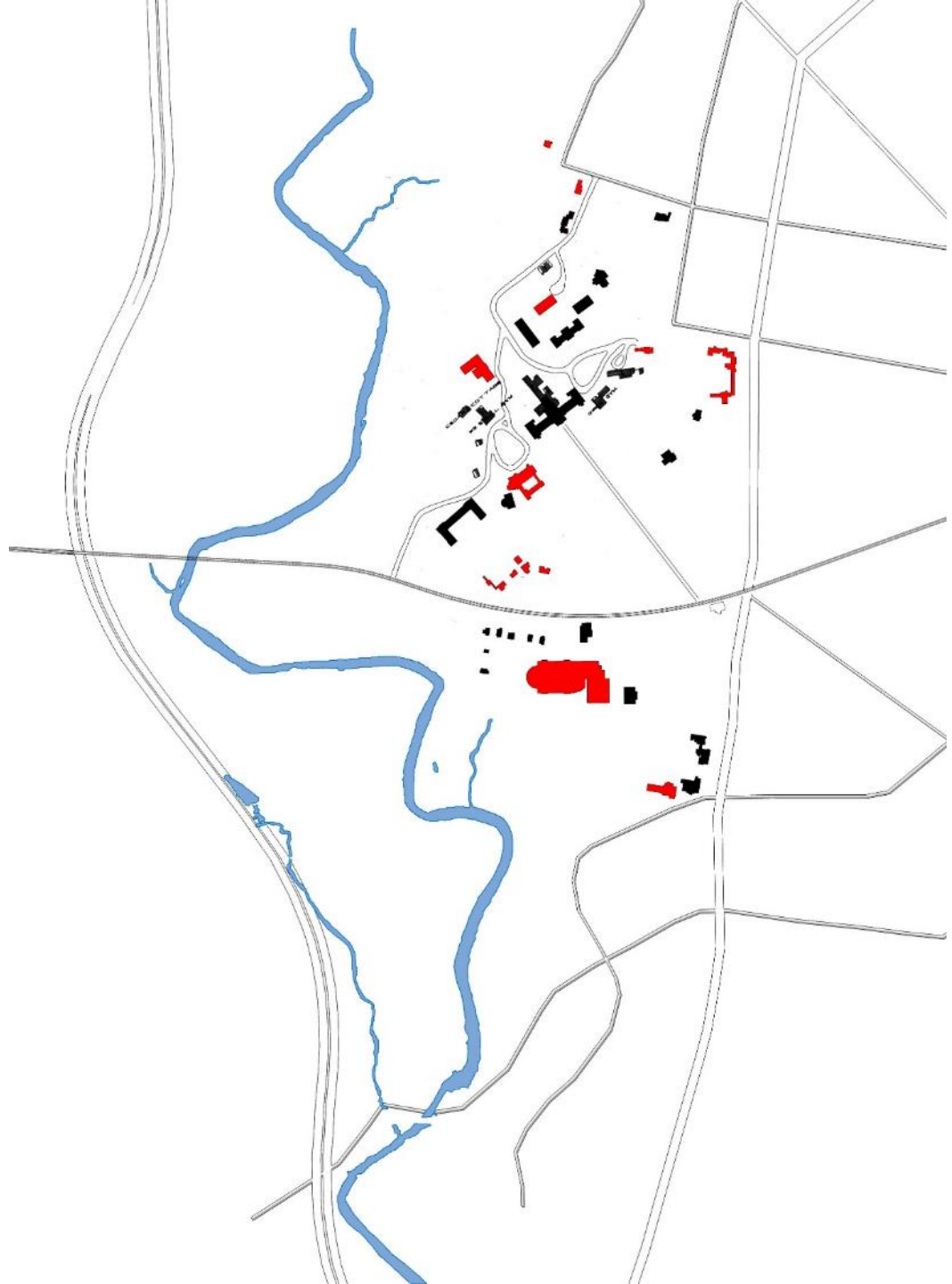
New Construction




Campus Analysis: Building History 1940


Building previously
constructed

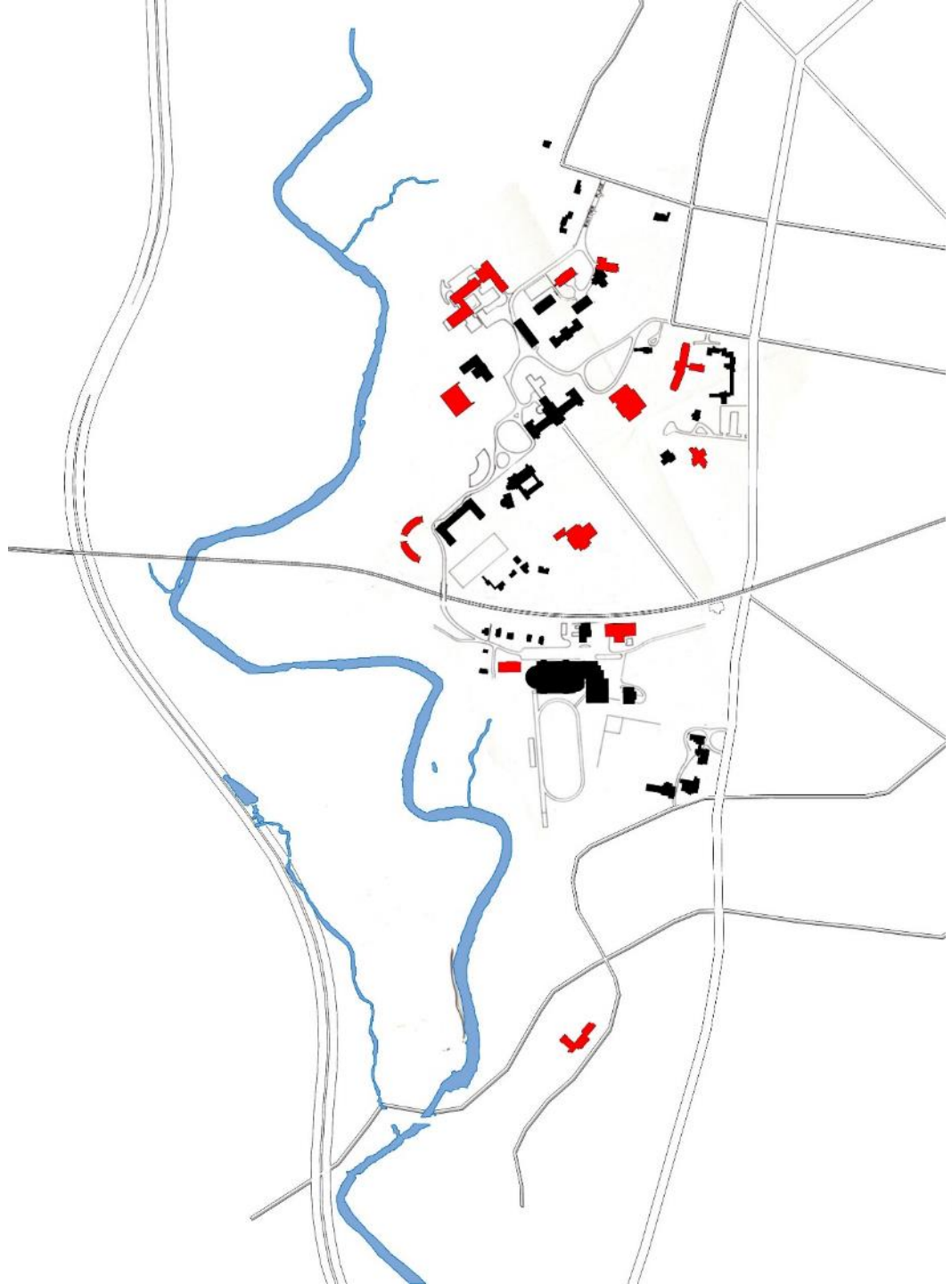
New Construction



Campus Analysis: Building History 1980

Building previously
constructed 

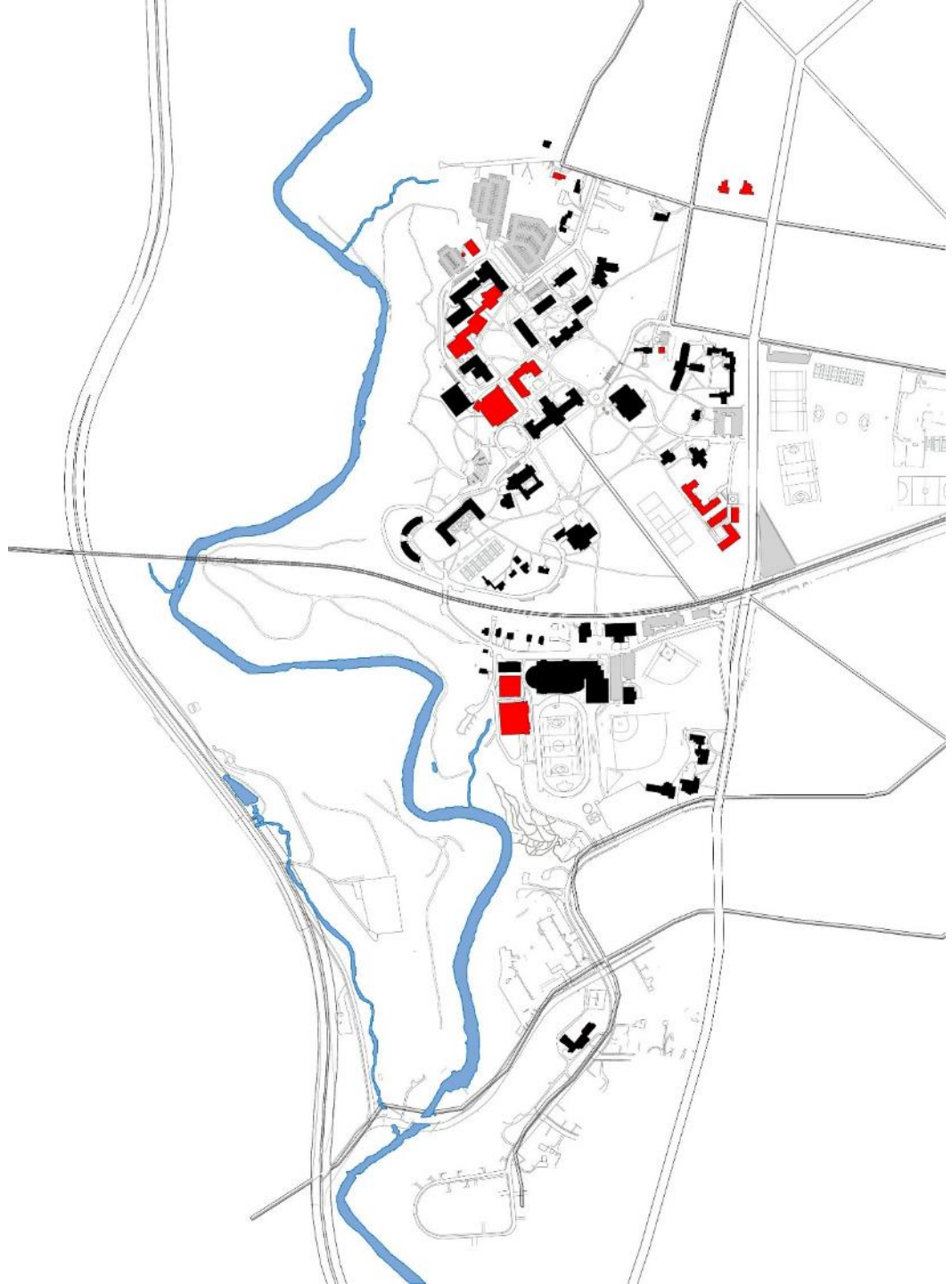
New Construction 



Campus Analysis: Building History 2010

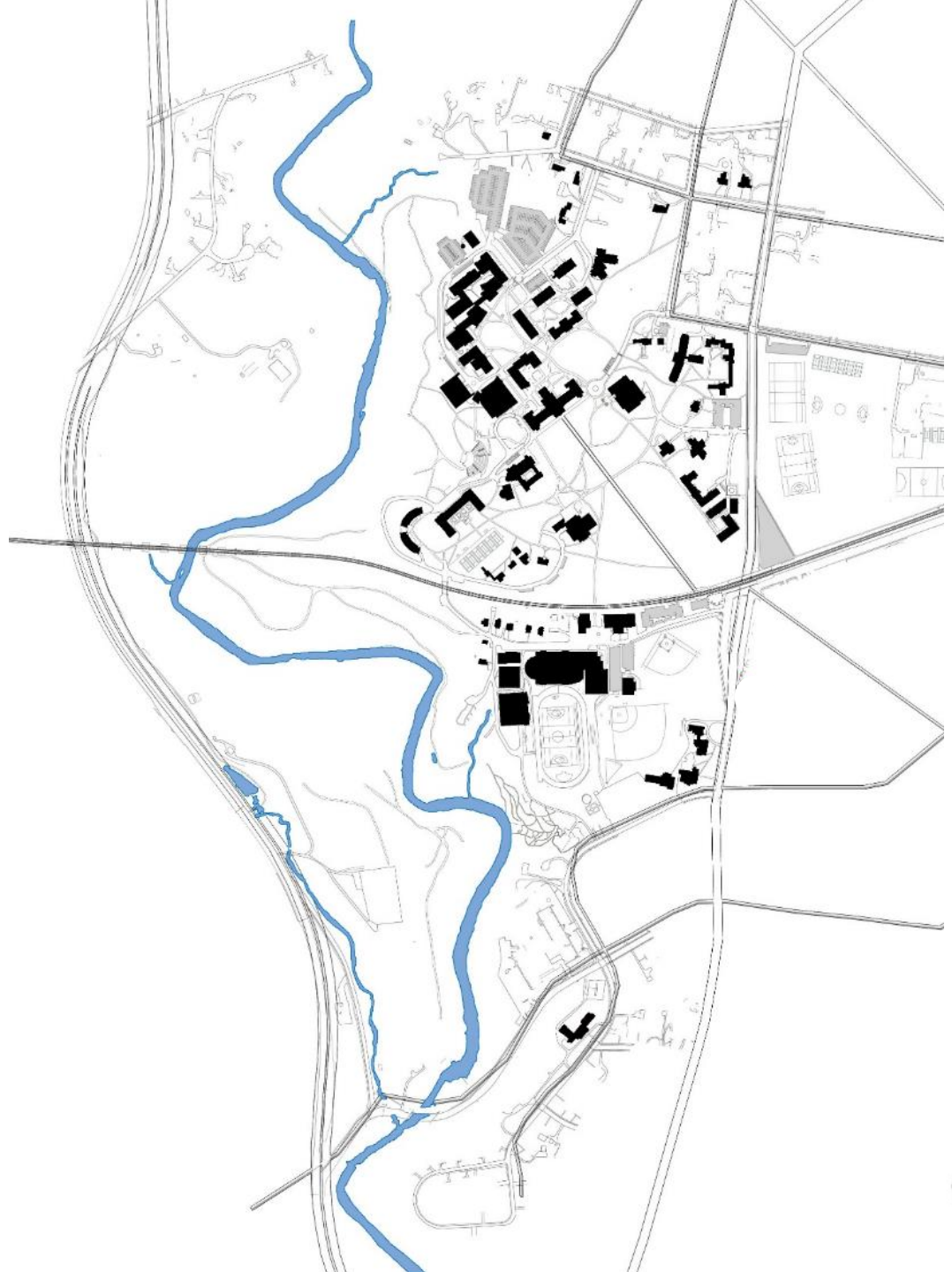
Building previously
constructed

New Construction

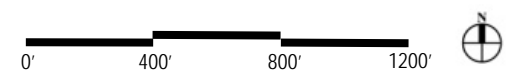
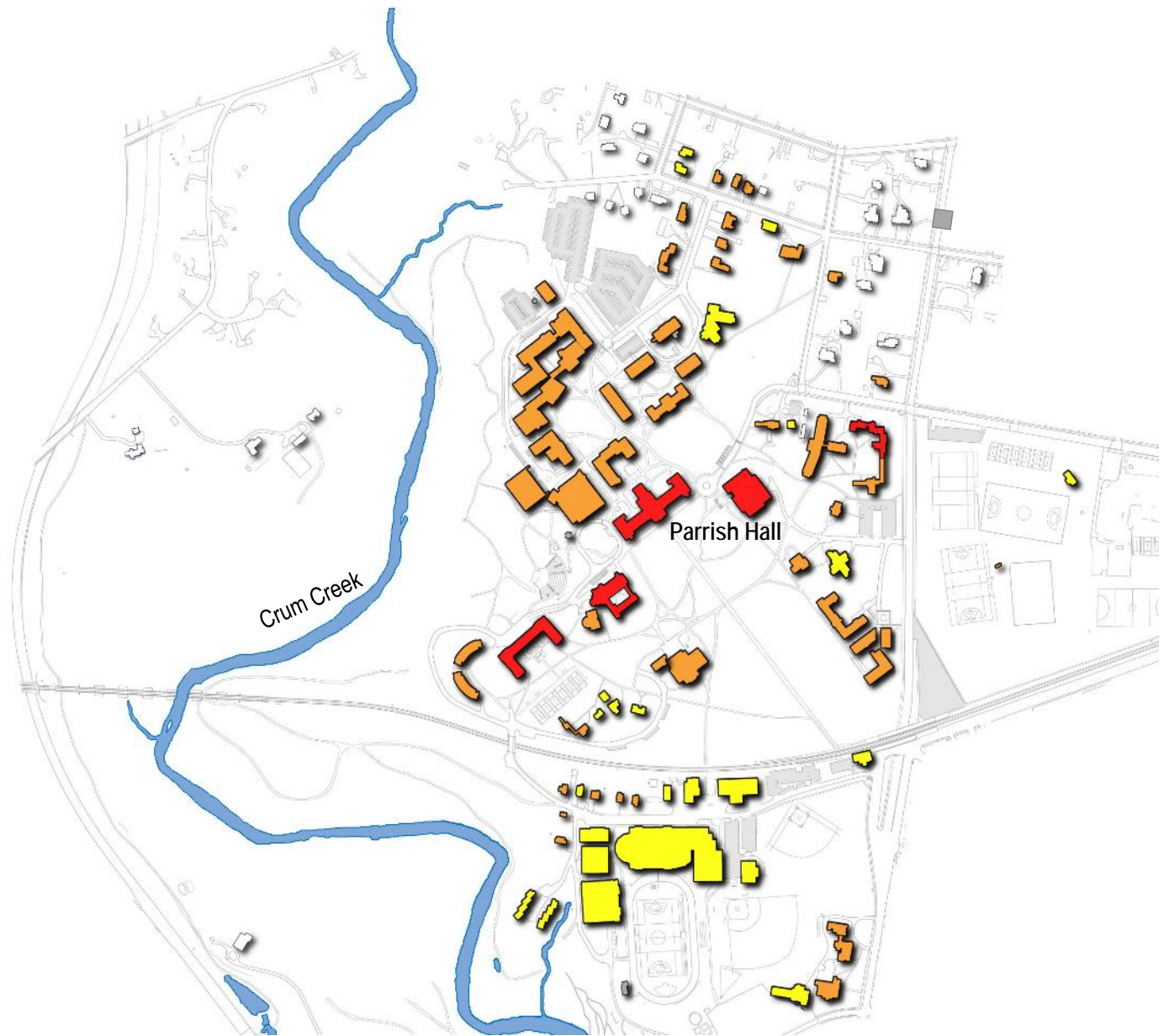


Campus Analysis: 2012 Existing Campus

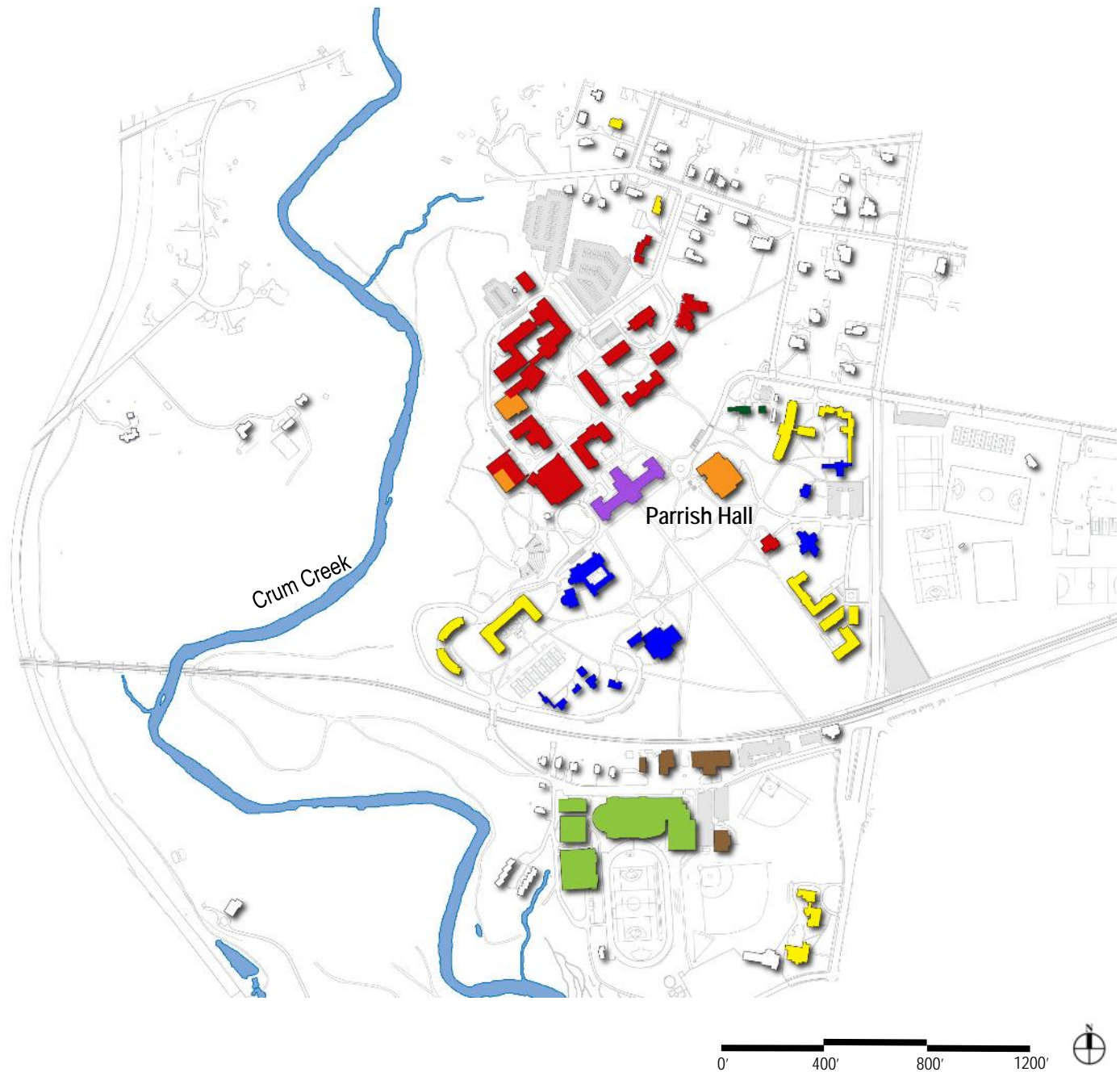
Existing Building



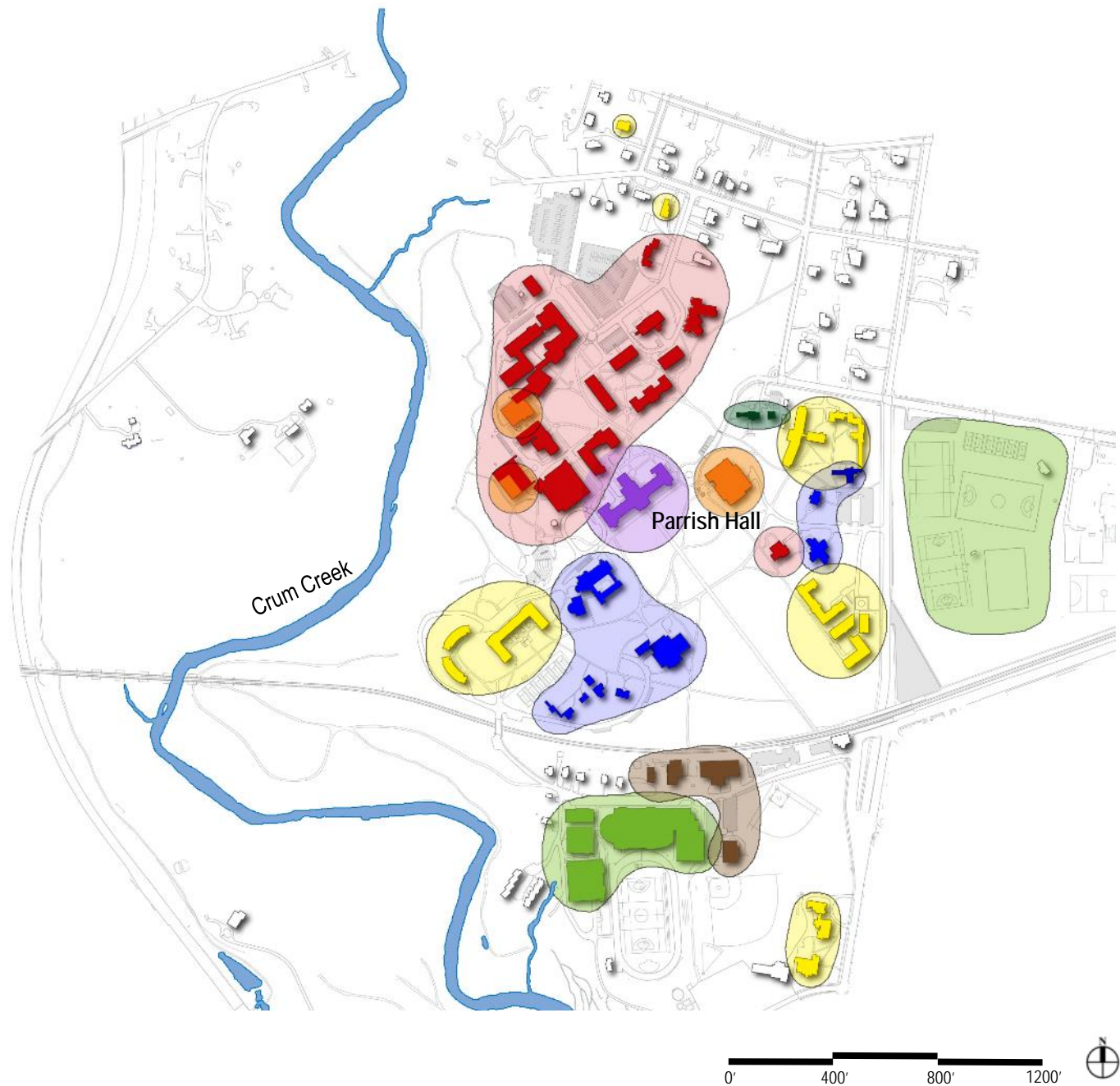
Campus Analysis: Building Heights



Campus Analysis: Building Use



Campus Analysis: Building Use



Campus Analysis: Student Spaces

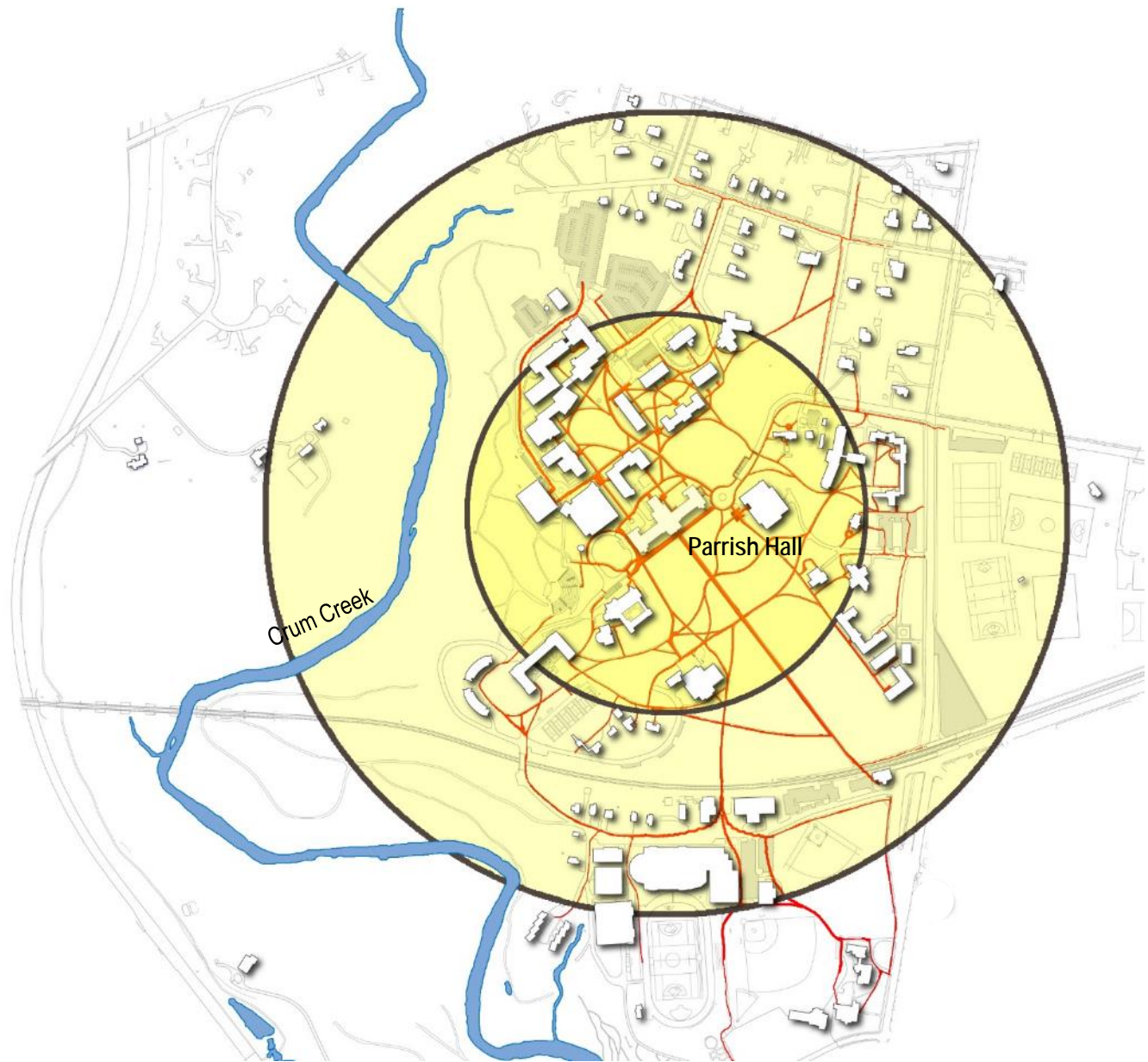


Campus Analysis: Pedestrian Circulation



Campus Analysis

Campus Circulation



5-Minute Walking Radius



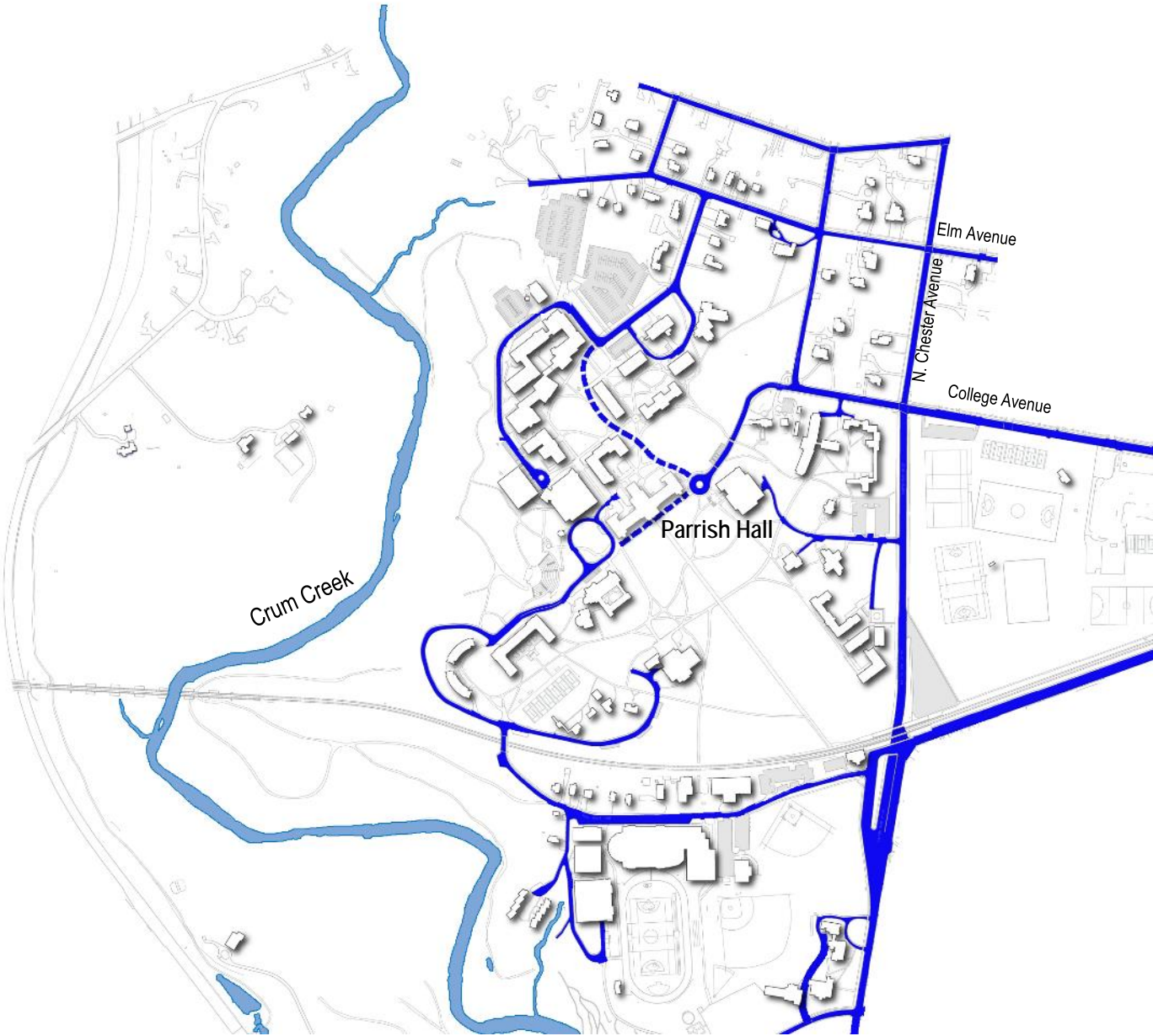
10-Minute Walking Radius



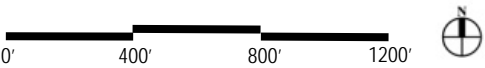
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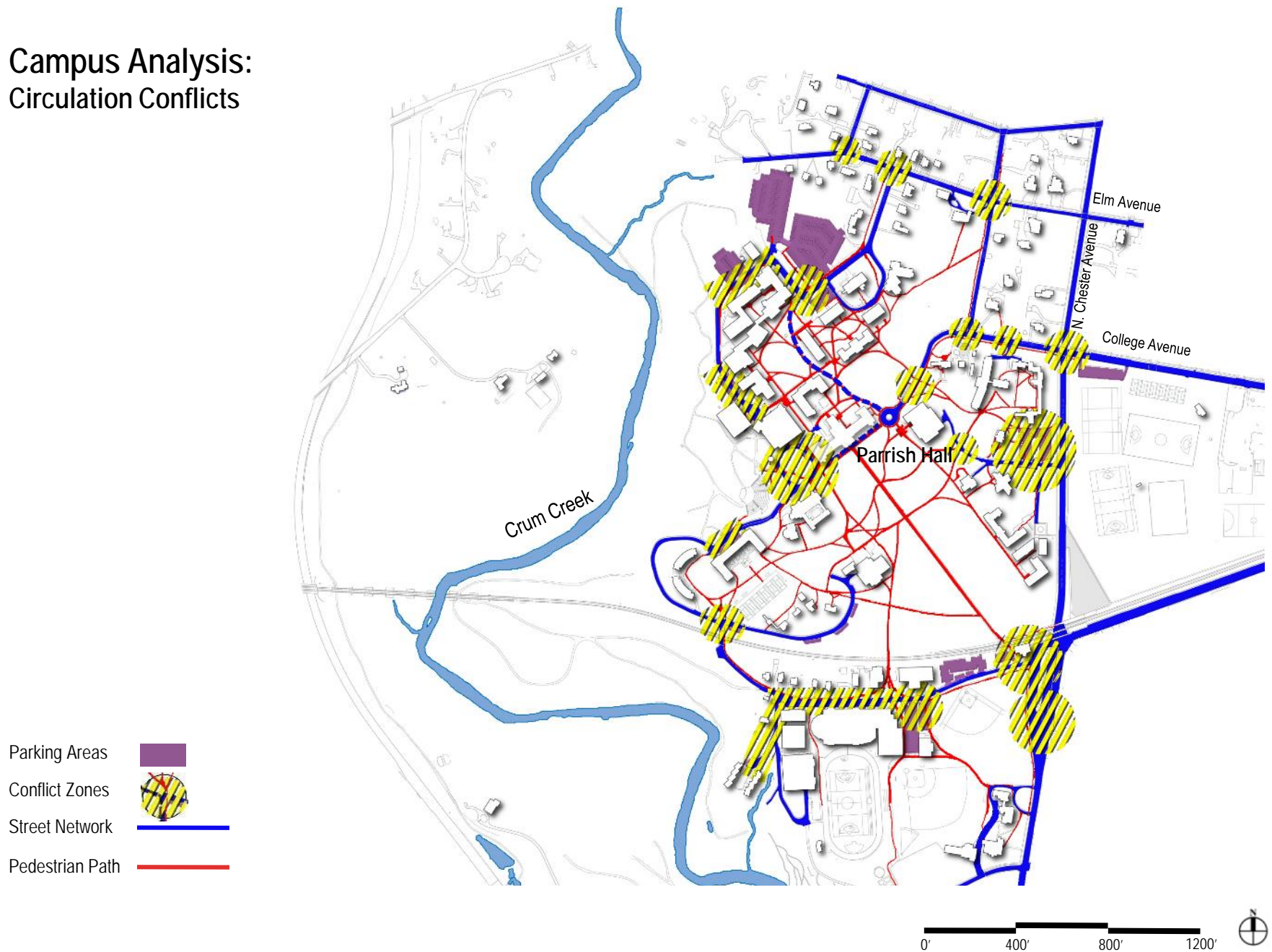
Campus Analysis: Vehicular Circulation



Service Access Only - - - - -
Street Network —————






Campus Analysis: Circulation Conflicts



Campus Analysis: Public Transportation

- SEPTA Rail
R3 regional train: Media / Elwyn Line
- SEPTA Bus
#109
- Tri-college Shuttle
Swarthmore College
Bryn Mawr College
Haverford College
- Morning Campus Shuttle
Mary Lyon
Strath Haven
PPR Dormitories
- Evening Campus Shuttle
- Movie and Target Shuttle
- Chester Shuttle
- Philly Shuttle
- Airport Shuttle

SEPTA bus 
SEPTA rail 
Stop 



0' 400' 800' 1200'



Campus Analysis: Accessibility

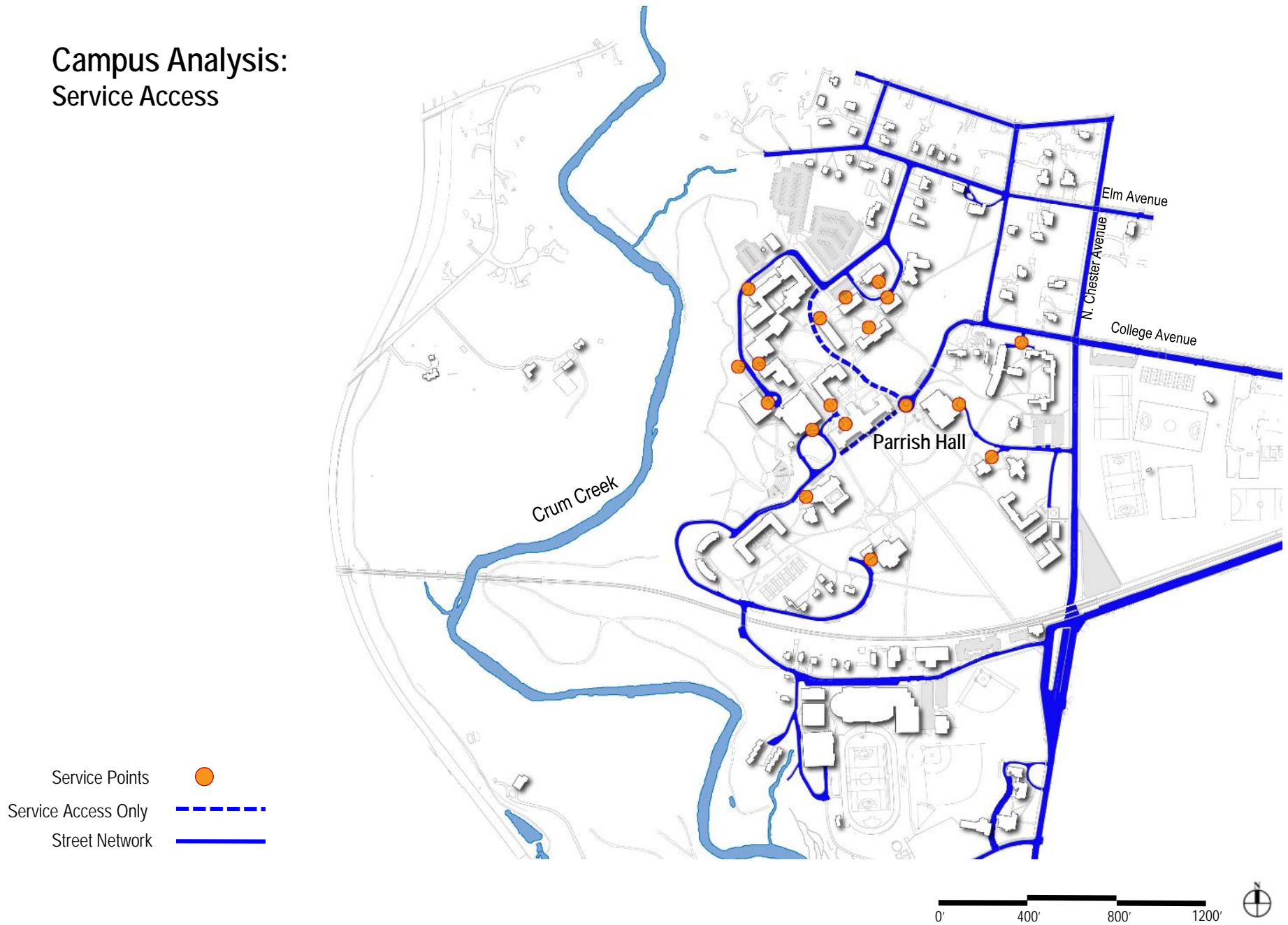
Bond Memorial Hall
Clothier Fields
Clothier Hall
Hicks Hall
Lamb-Miller Fieldhouse/Tarble Pavilion
Lang Performing Arts Center
McCabe Library
Papazian Hall
Parking Lots
 DuPont Lot
 Field House Lot
 Hicks Lot
 Meeting House Circle
 Parrish East
Willets Residence Hall (Summer 2014)
Worth Health Center

Source: Physical Access Plan

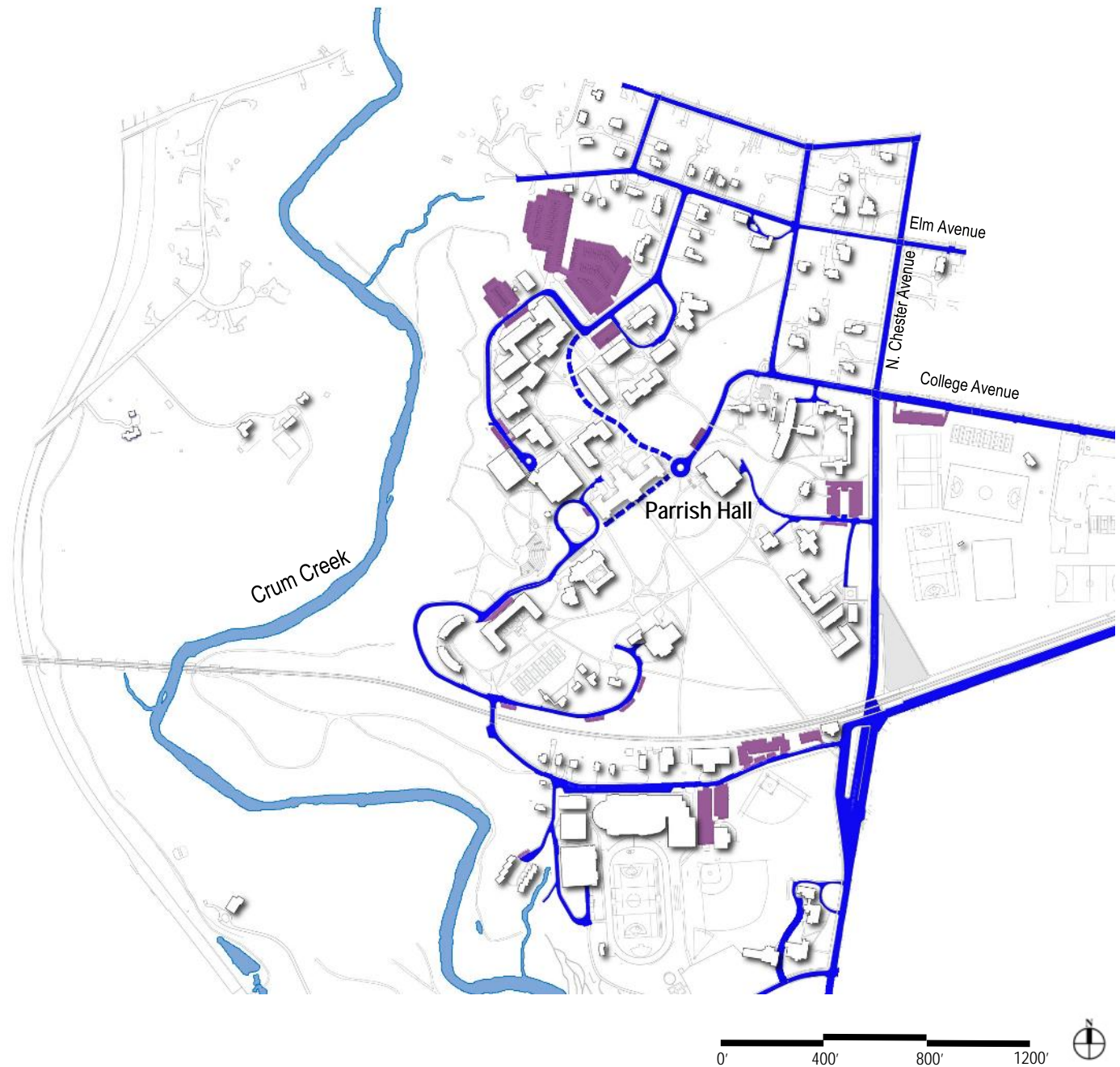
Accessible Parking ●
Accessible Path —
Accessible Path
under consideration - - -



Campus Analysis: Service Access



Campus Analysis: Parking Areas



Campus Analysis: Bike-rack locations

Bike-rack *



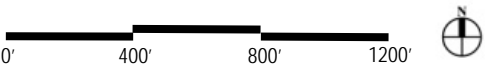
0' 400' 800' 1200'



Campus Analysis: Open Spaces

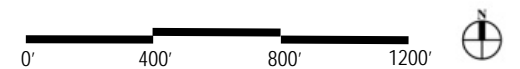


- Gardens / Plant Collections
- Quads / Lawns
- Mature Tree Canopy
- Athletics / Recreation



Campus Analysis: Open Spaces

- Gardens / Plant Collections
- Quads / Lawns
- Mature Tree Canopy
- Athletics / Recreation



Campus Analysis: Crum Woods Study

- Composting Facility
- Crum Woods
- Vehicular Trails
- Heavily-used Trails
- Other Trails
- Abandoned Trails
- Trailheads



Source: Conservation and Stewardship Plan for the Crum Woods of Swarthmore College
December 2003