

PROMOTING HIGH SPEED FERRY SERVICE

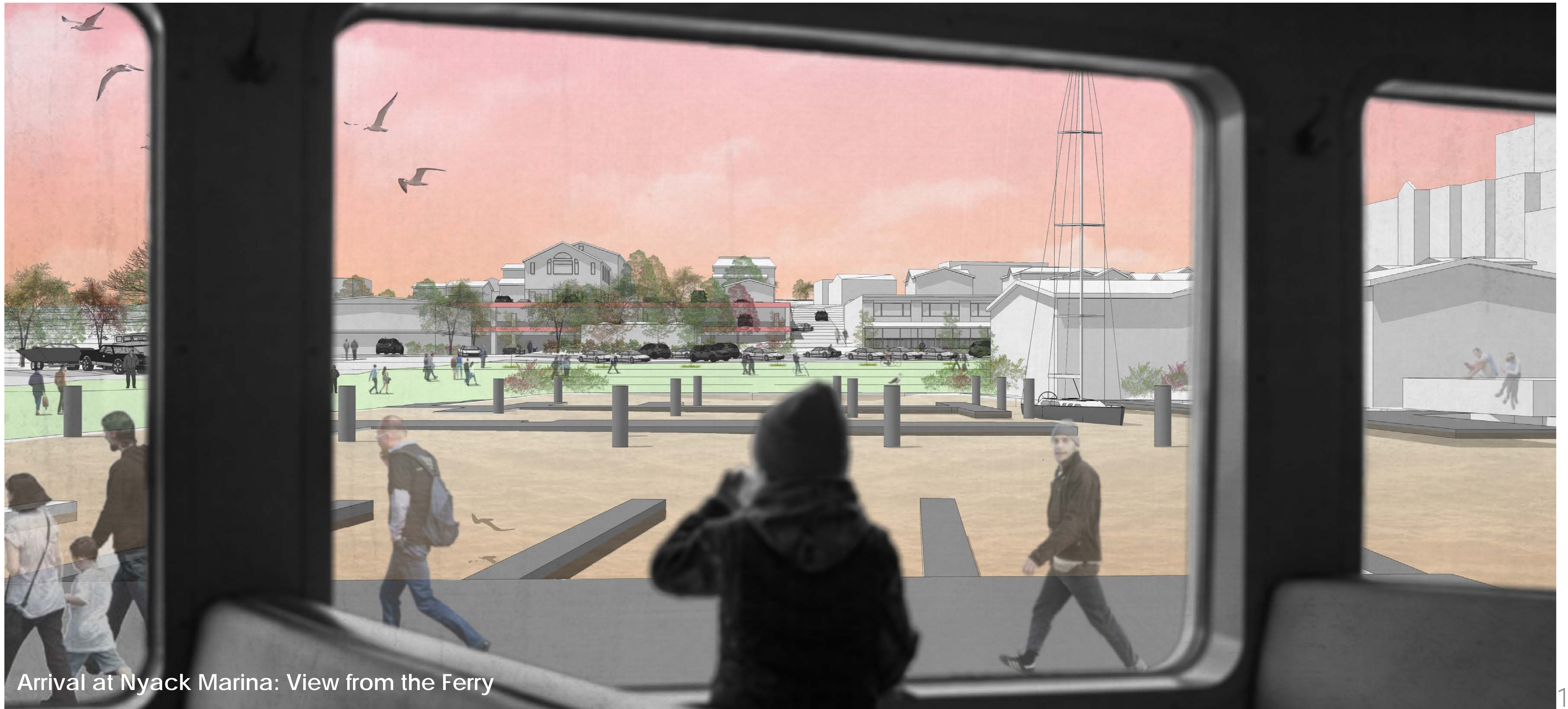
Nyack - Tarrytown - NYC

Report to
Columbia University
Urban Planning Faculty

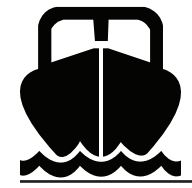
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Faculty Adviser: Dr. Floyd Lapp | T.A.: Andrea Forsberg

GSAPP
Columbia University
April 27, 2016

Welcome to Nyack!

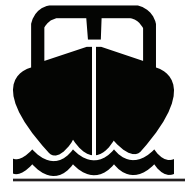


Arrival at Nyack Marina: View from the Ferry



Abstract

1. A **Nyack-Tarrytown** ferry service is feasible with capital improvements and operating costs **subsidized** by the MTA.
 - A **parking terrace** is necessary to support a commuter ferry service.
2. A market exists for a commuter service between Nyack and **Mid Manhattan/39th St.**
3. A market can be created for **weekend excursions** from the 39th St. pier to Nyack and the lower Hudson Valley.
4. A market does not exist for a Nyack to **Lower Manhattan** ferry service.



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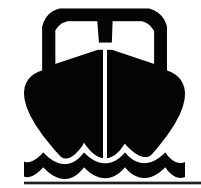
14. APPENDIX

Historical Background
Transit Modes
Case Studies
Ridership Projection
Sustainability
Proposed Ferry Schedule



Chapter 1

INTRODUCTION



Briefing

Client. Mayor Jennifer Laird White
Village Planner Bob Galvin

Nyack is a *“funky”* community
Nyack is a village, not a suburb
Nyack has no real public transportation

Waterfront as an opportunity



Ferries

What are they?

Catamarans

High-speed: Over 30mph

Medium-Speed: ~20mph

Front and Side Bow Loading

Commuter and/or recreational

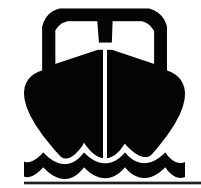
Short Distance (to Tarrytown):
74-97 passengers



Long Distance (to NYC):
149 passengers



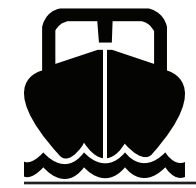
Adapted from BFJ Planning



Research Questions

1. What is the *feasibility* of a ferry service that enhances connectivity between Nyack, Tarrytown, and the greater Hudson Valley/New York City region?
2. What are some *implementation* strategies that would address the question above?





Methodology



1. MEETINGS

Client
Consultants
Public Agencies
Ferry Operators
Town Hall

2. SITE VISITS

Nyack
Haverstraw
Tarrytown
Manhattan

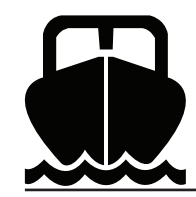
3. DATA RESEARCH

Literature review
Case Studies
Census/Agency Data

4. DATA ANALYSIS

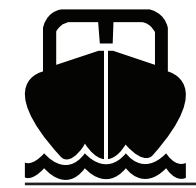
Charts
Diagrams
Maps
Renders

5. REPORT

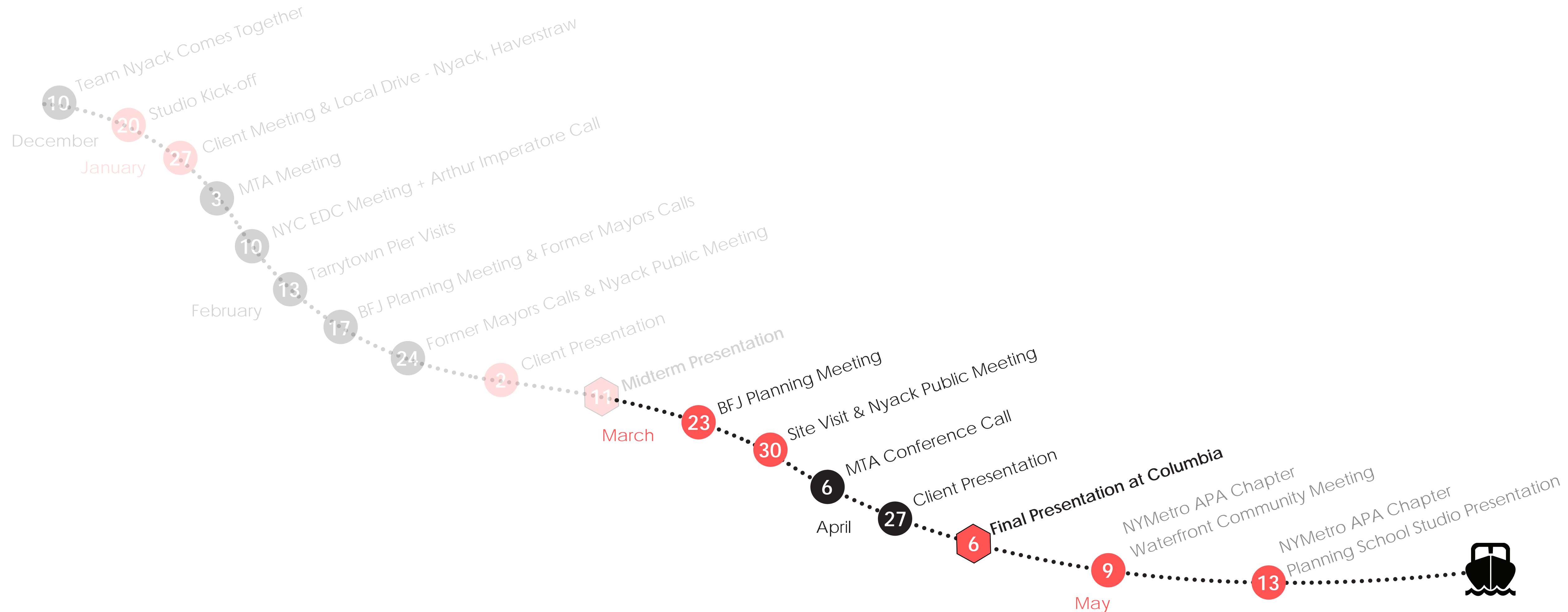


Studio Timeline





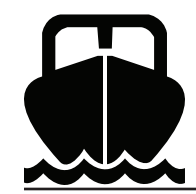
Studio Timeline



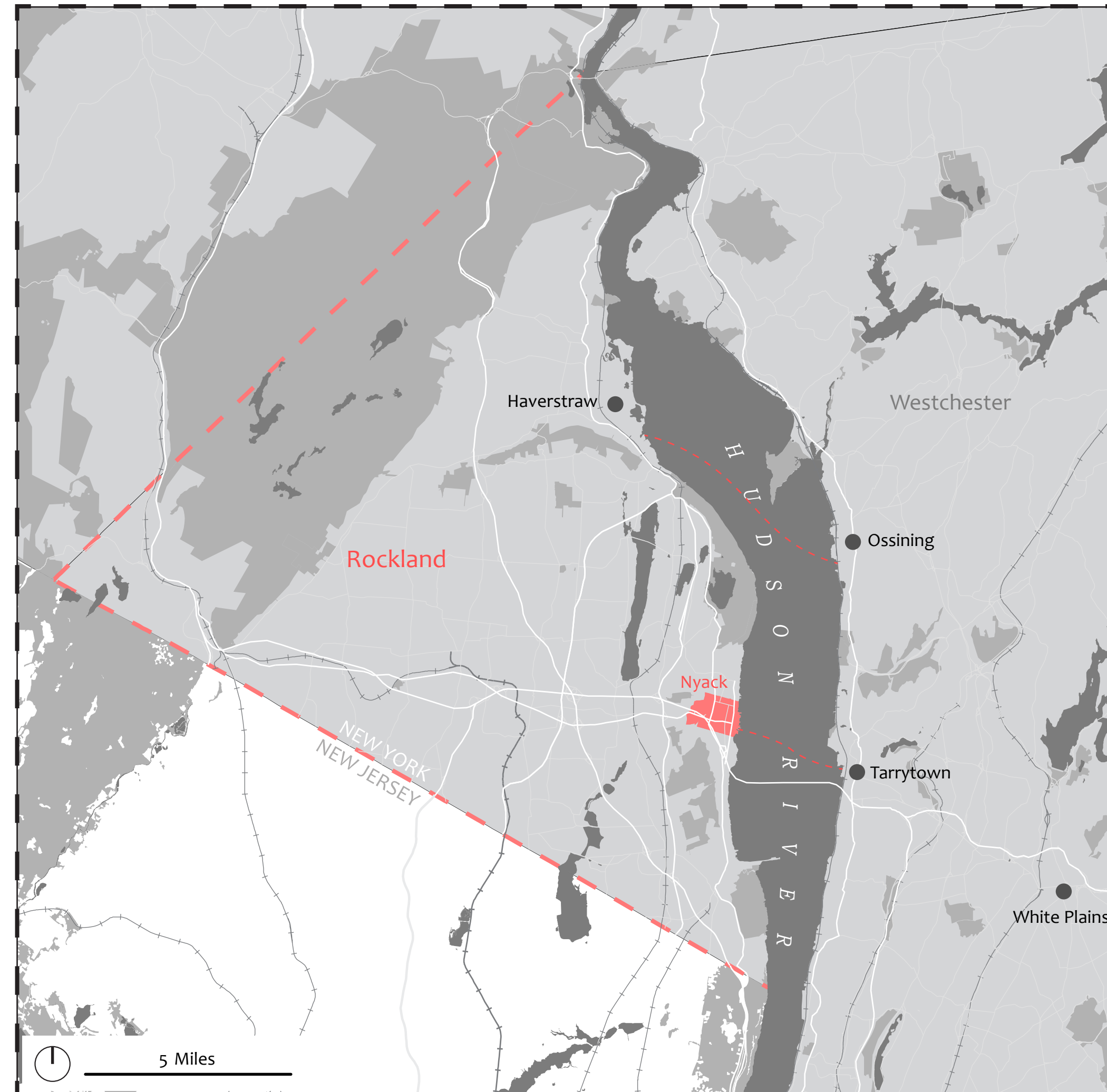
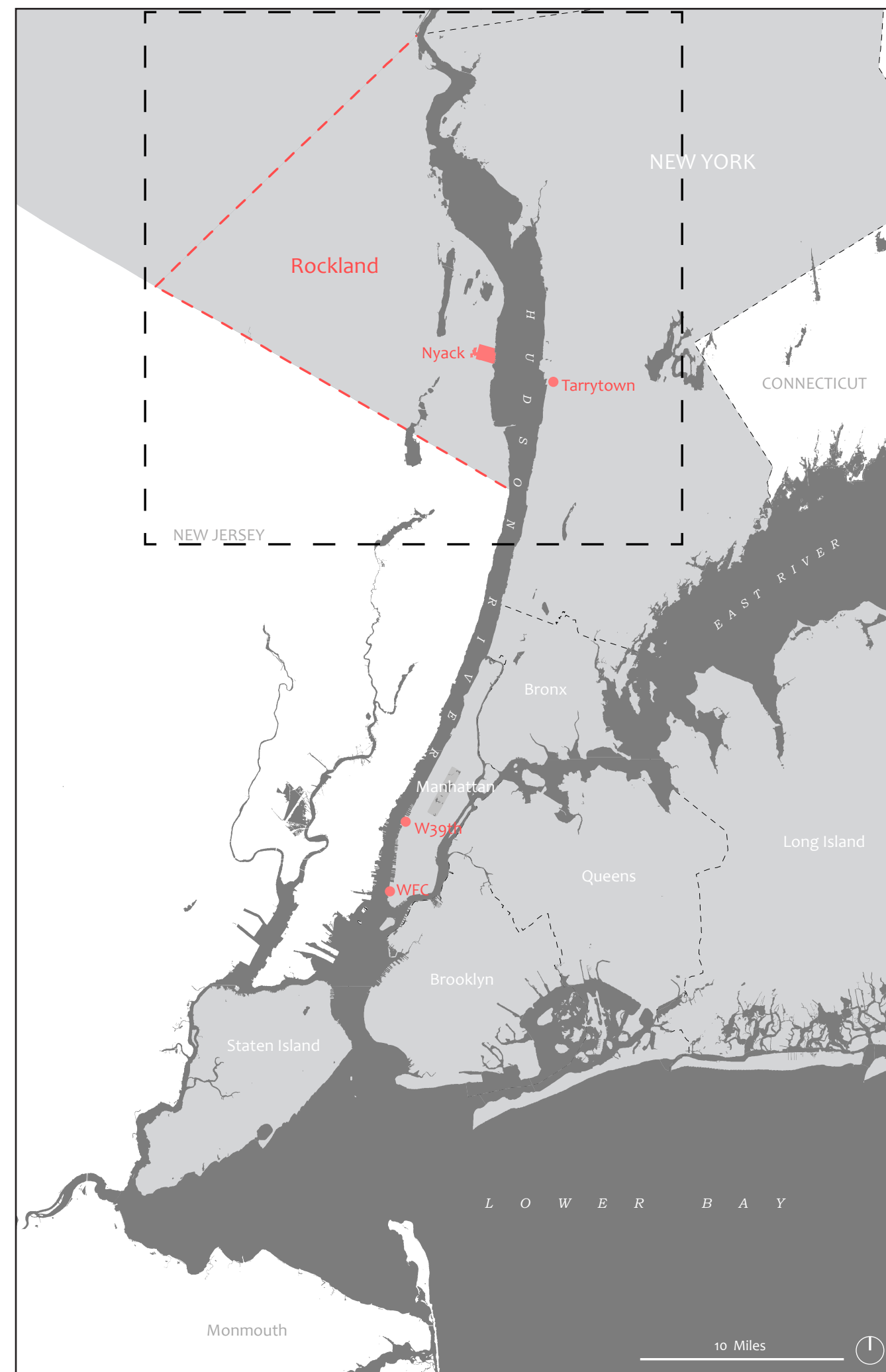


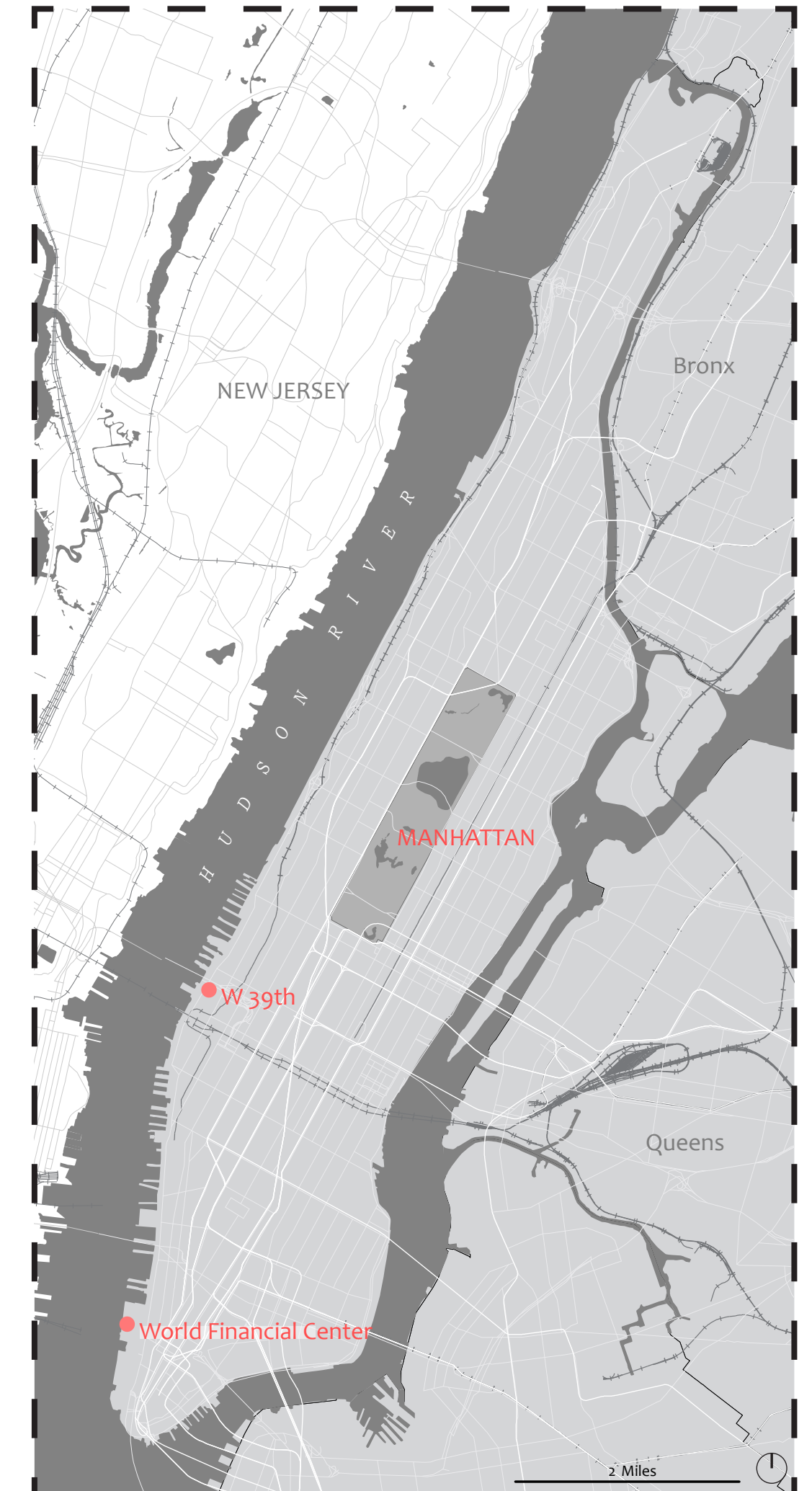
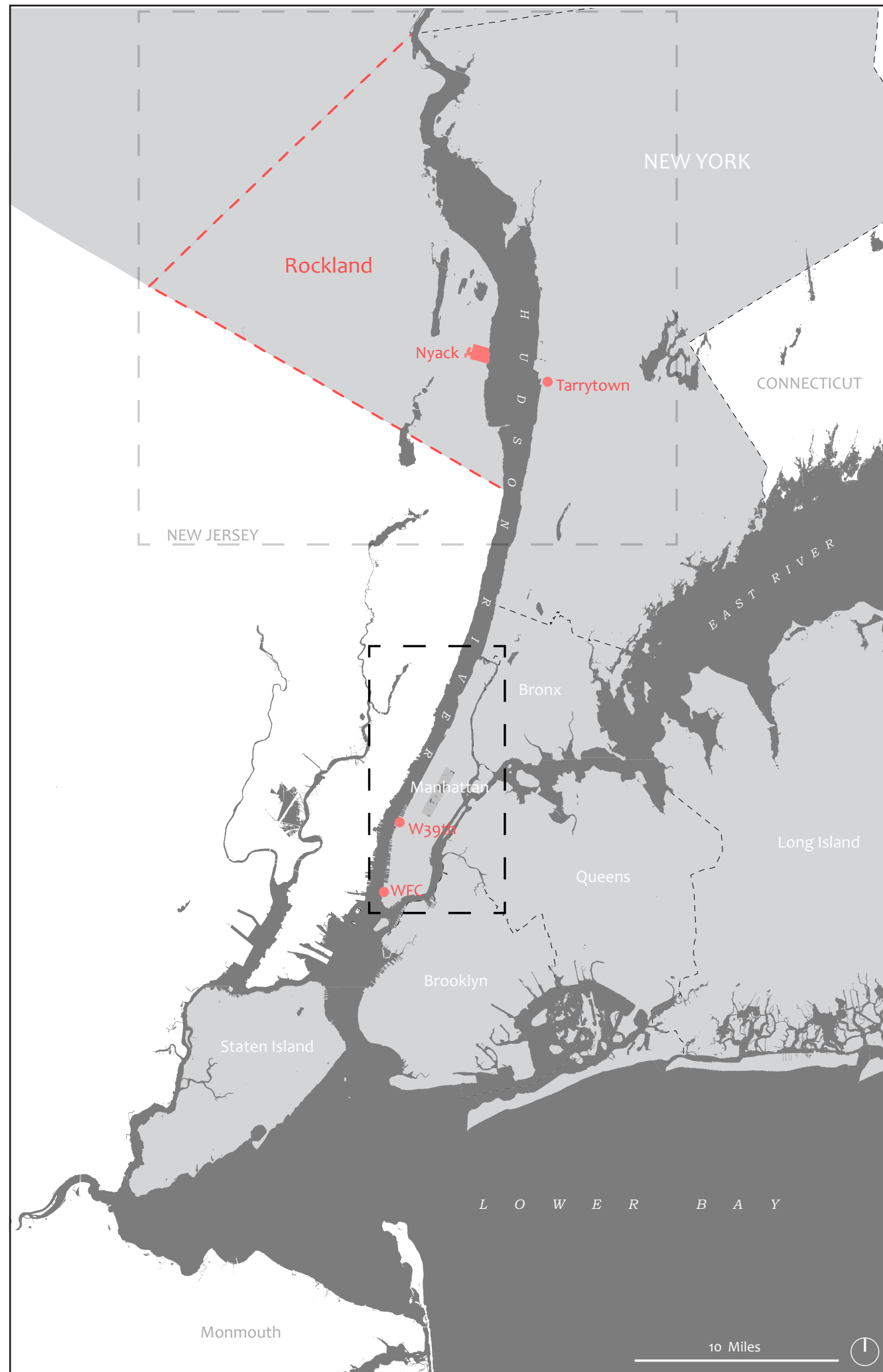
Chapter 2

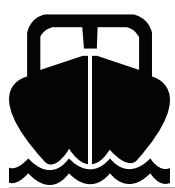
GEOGRAPHIC CONTEXT



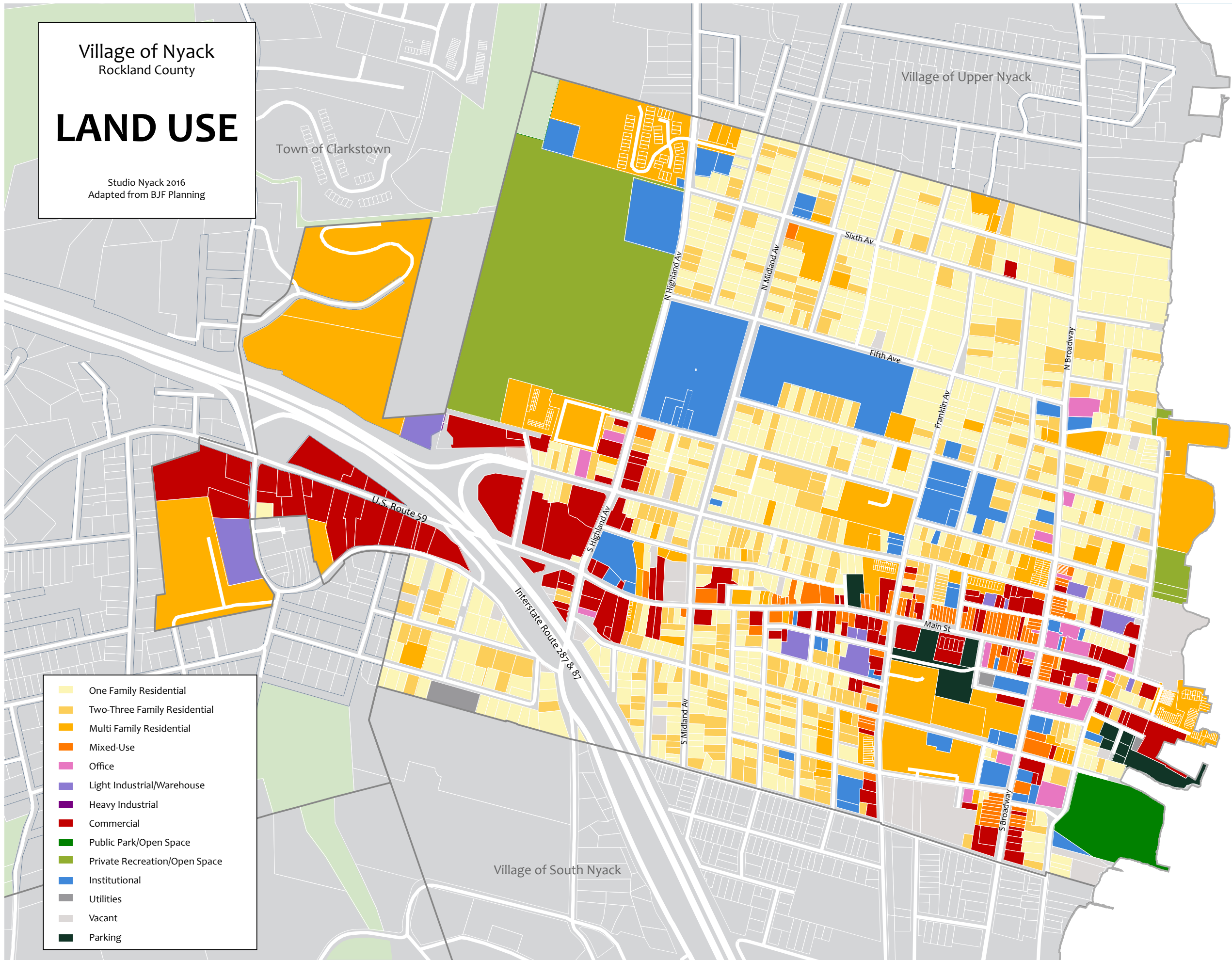
Study Area



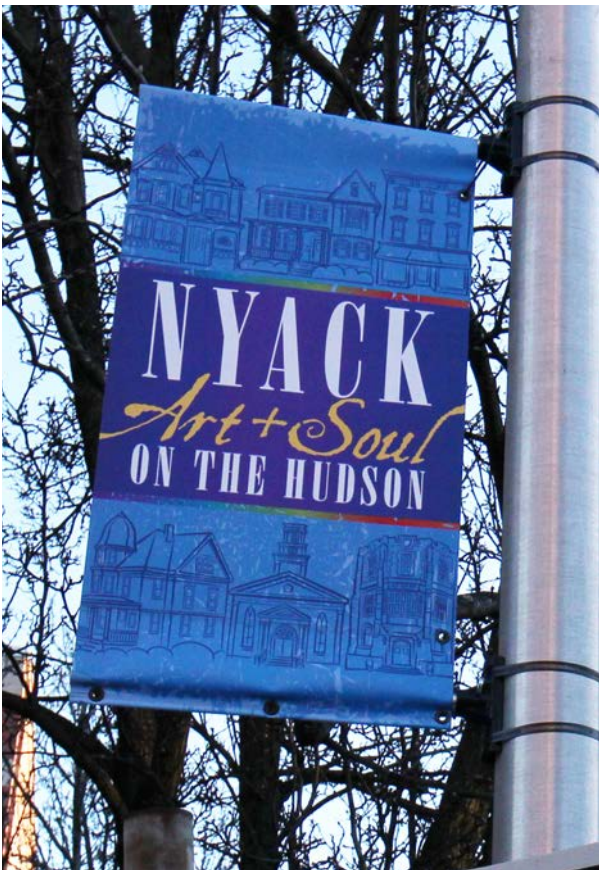
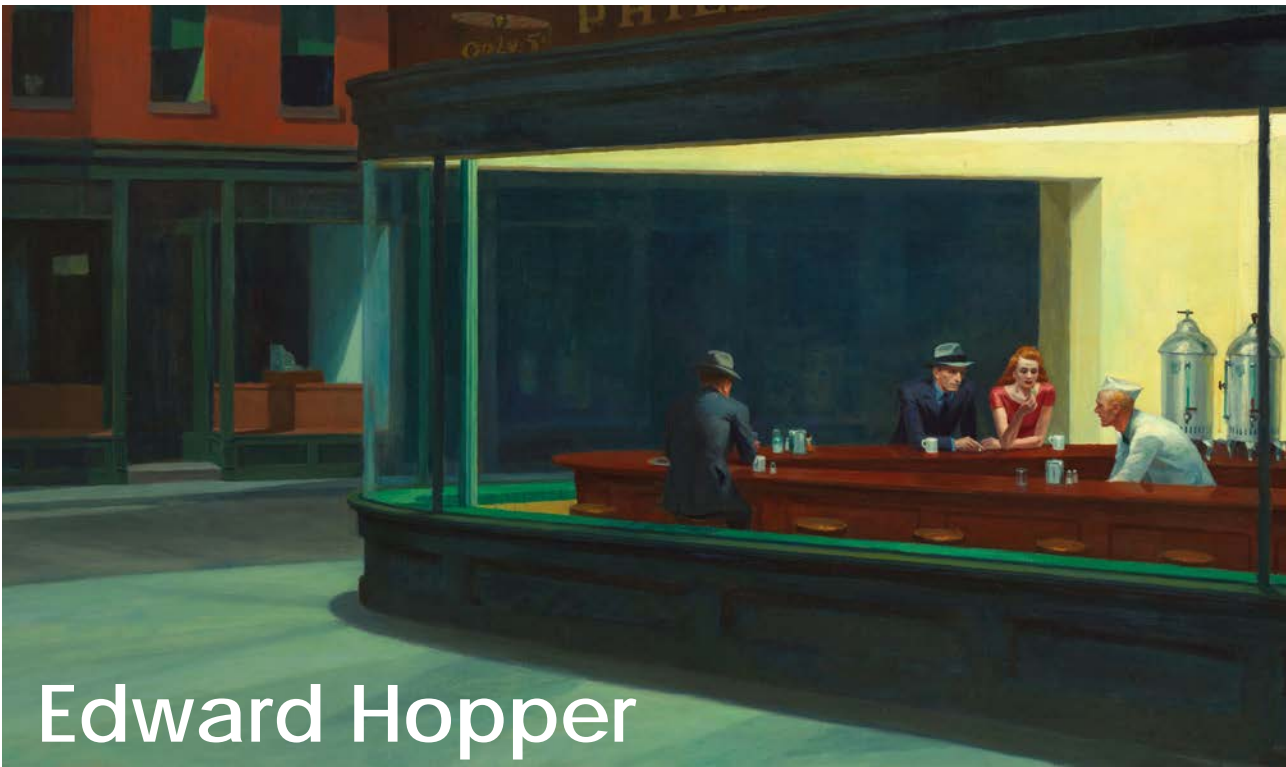
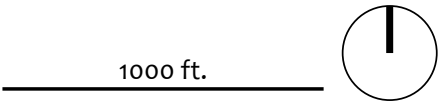


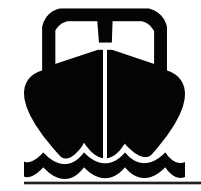


Nyack



Hudson River

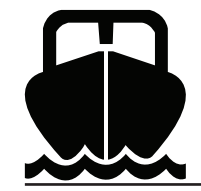




Nyack



Main Street in downtown Nyack



Nyack



Main Street in downtown Nyack

Nyack

