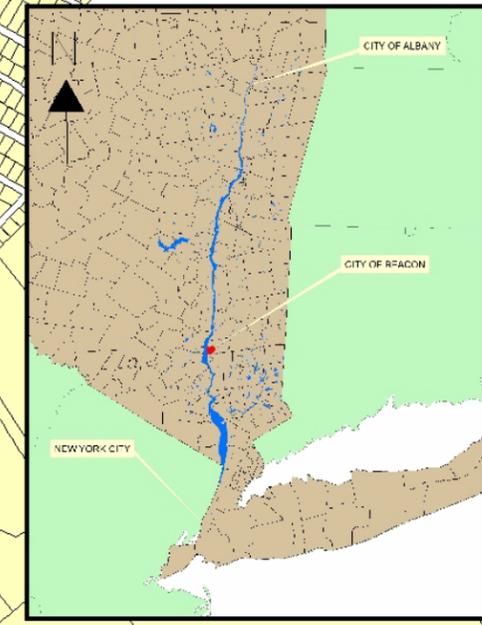
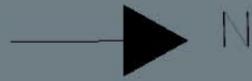


- LEGEND**
- HARBOR MANAGEMENT BOUNDARY
 - CITY OF BEACON
 - SURFACE WATER
 - COASTAL AREA BOUNDARY

**CITY OF BEACON
HARBOR
MANAGEMENT PLAN**



**FIGURE 1
CITY OF BEACON
HARBOR
MANAGEMENT
AREA BOUNDARY**



HUDSON RIVER



0 255 510 1,020 1,530 2,040 Feet

SOUTHERN REACH

BEACON HARBOR AREA

NORTHERN REACH

DENNING'S POINT

LONG DOCK

BEACON HARBOR

RIVERFRONT PARK

NEWBURGH-BEACON BRIDGE

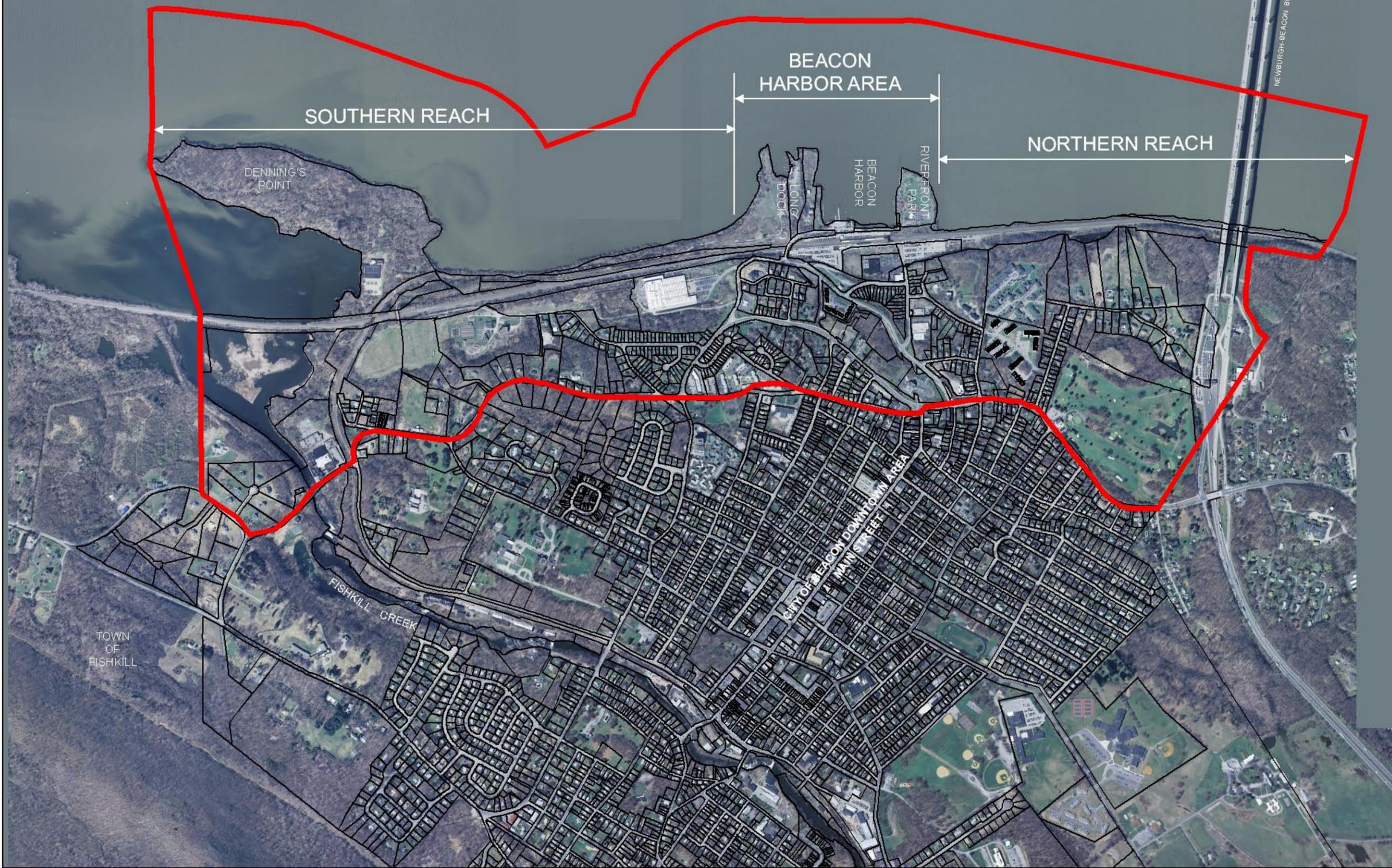
LEGEND

 HARBOR MANAGEMENT BOUNDARY

AERIAL DATED: WINTER 2004

CITY OF BEACON HARBOR MANAGEMENT PLAN

FIGURE 2
AERIAL PHOTOGRAPH OF THE CITY OF BEACON WATERFRONT



TOWN OF FISHKILL

FISHKILL CREEK

CITY OF BEACON DOWNTOWN AREA
MAIN STREET



HUDSON RIVER

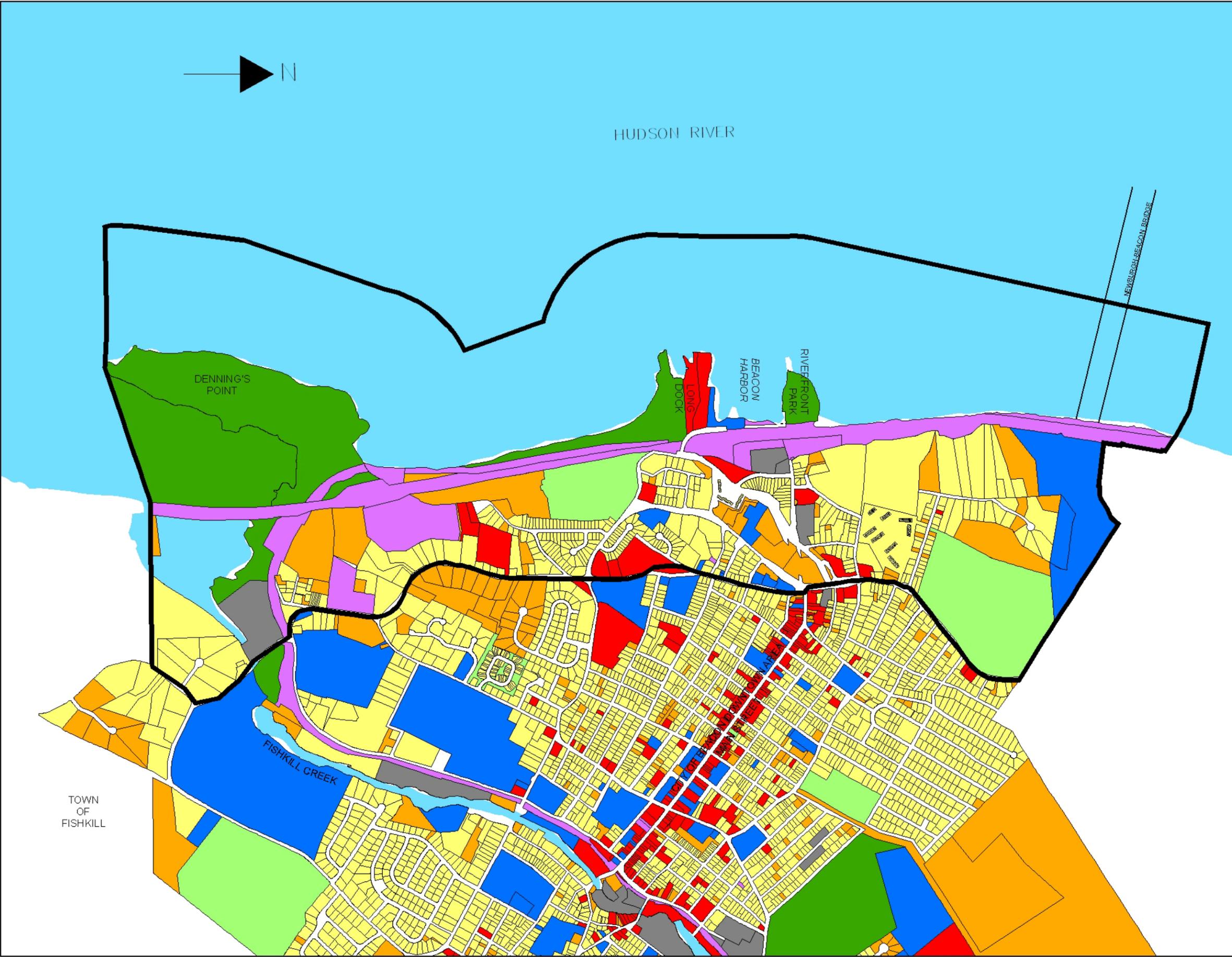


0 245 490 980 1,470 1,960 Feet

- LEGEND**
-  HARBOR MANAGEMENT BOUNDARY
 -  SURFACE WATER
 - LAND USE**
 -  RESIDENTIAL
 -  VACANT
 -  COMMERCIAL
 -  INDUSTRIAL
 -  PUBLIC SERVICE
 -  COMMUNITY SERVICE
 -  RECREATIONAL AND ENTERTAINMENT
 -  WILD, FORESTED, CONSERVATION, AND PUBLIC PARKS

CITY OF BEACON
HARBOR
MANAGEMENT
PLAN

FIGURE 3
CITY OF BEACON
WATERFRONT
LAND USE



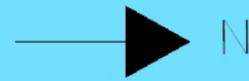


0 50 100 200 300 400 Feet

AERIAL DATED: WINTER 2004

CITY OF BEACON HARBOR MANAGEMENT PLAN

FIGURE 4
CITY OF BEACON
AERIAL
PHOTOGRAPH
OF THE
HARBOR AREA



HUDSON RIVER

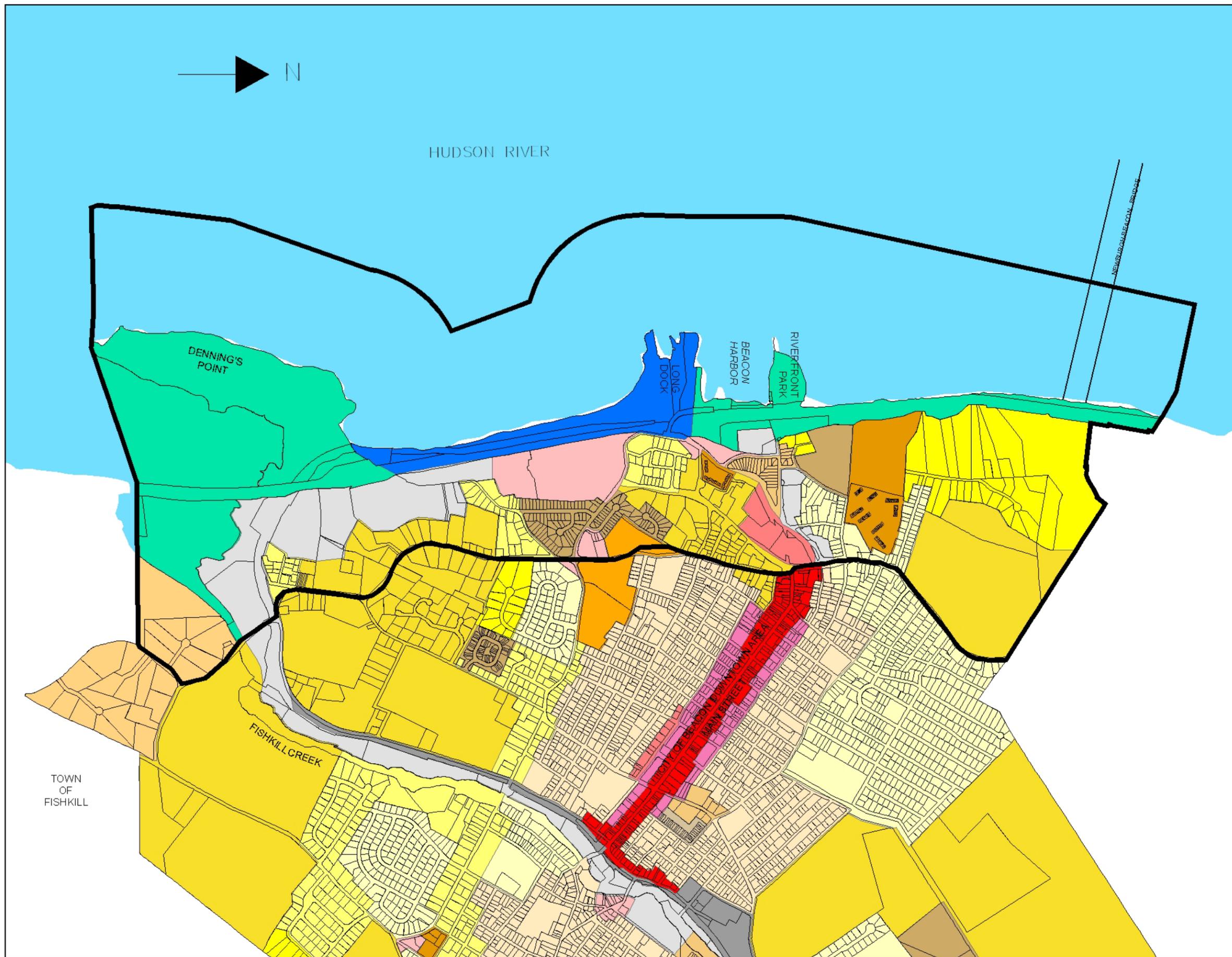


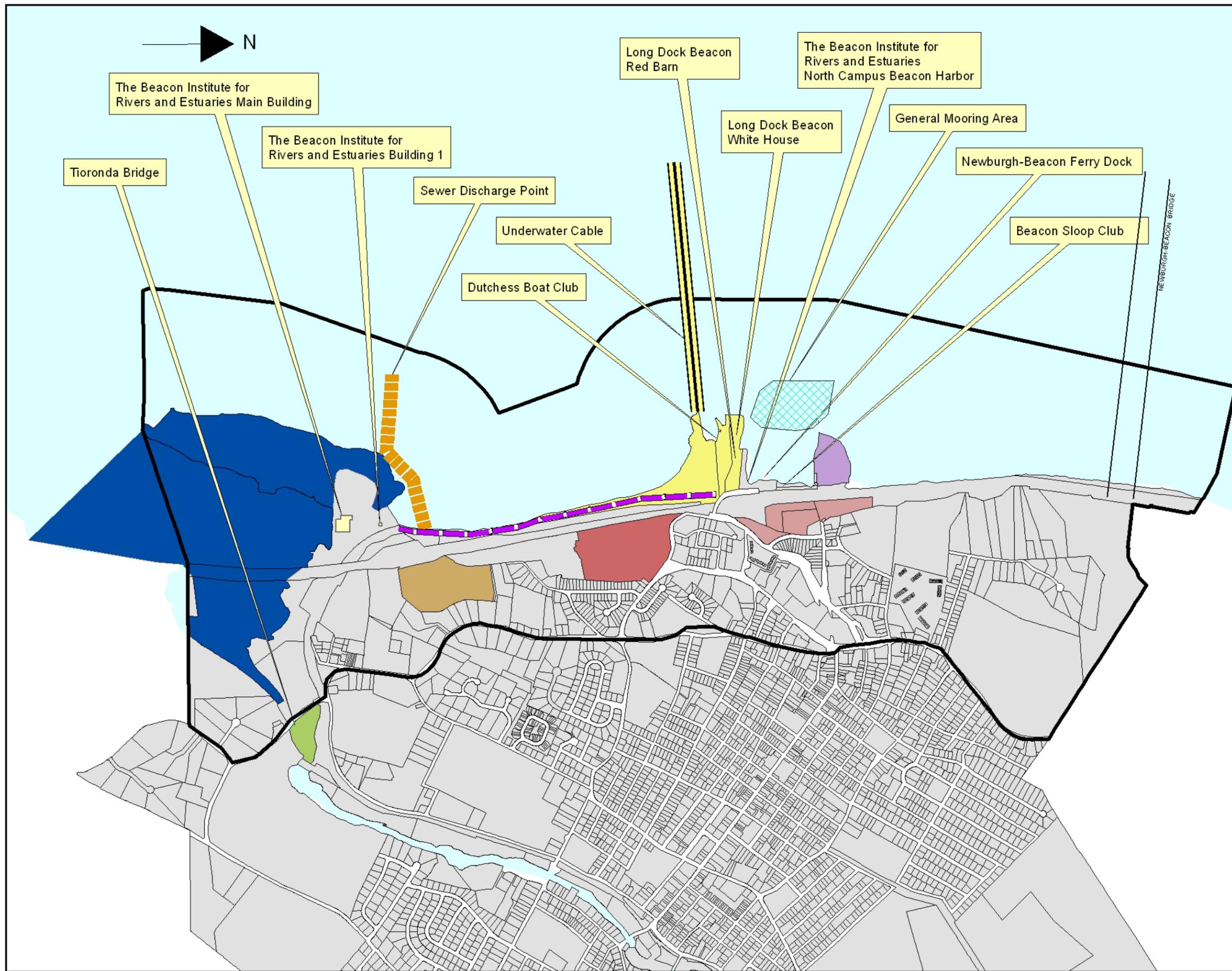
LEGEND

-  HARBOR MANAGEMENT BOUNDARY
-  SURFACE WATER
- ZONING**
-  R1-5, One Family - 5,000 sq.ft.
-  R1-7.5, One Family - 7,500 sq.ft.
-  R1-10, One Family - 10,000 sq.ft.
-  R1-20, One Family - 20,000 sq.ft.
-  R1-40, One Family - 40,000 sq.ft.
-  R1-80, One Family - 80,000 sq.ft.
-  RD-1.8, Designed Residence - 1,800 sq.ft.
-  RD-3, Designed Residence - 3,000 sq.ft.
-  RD-4, Designed Residence - 4,000 sq.ft.
-  RD-5, Designed Residence - 5,000 sq.ft.
-  RD-6, Designed Residence - 6,000 sq.ft.
-  LB, Local Business
-  OB, Office Business
-  GB, General Business
-  HI, Heavy Industrial
-  LI, Light Industrial
-  PB, Business Off-Street Parking
-  WD, Waterfront Development
-  WP, Waterfront Park

**CITY OF BEACON
HARBOR
MANAGEMENT
PLAN**

**FIGURE 5
CITY OF BEACON
WATERFRONT
ZONING**

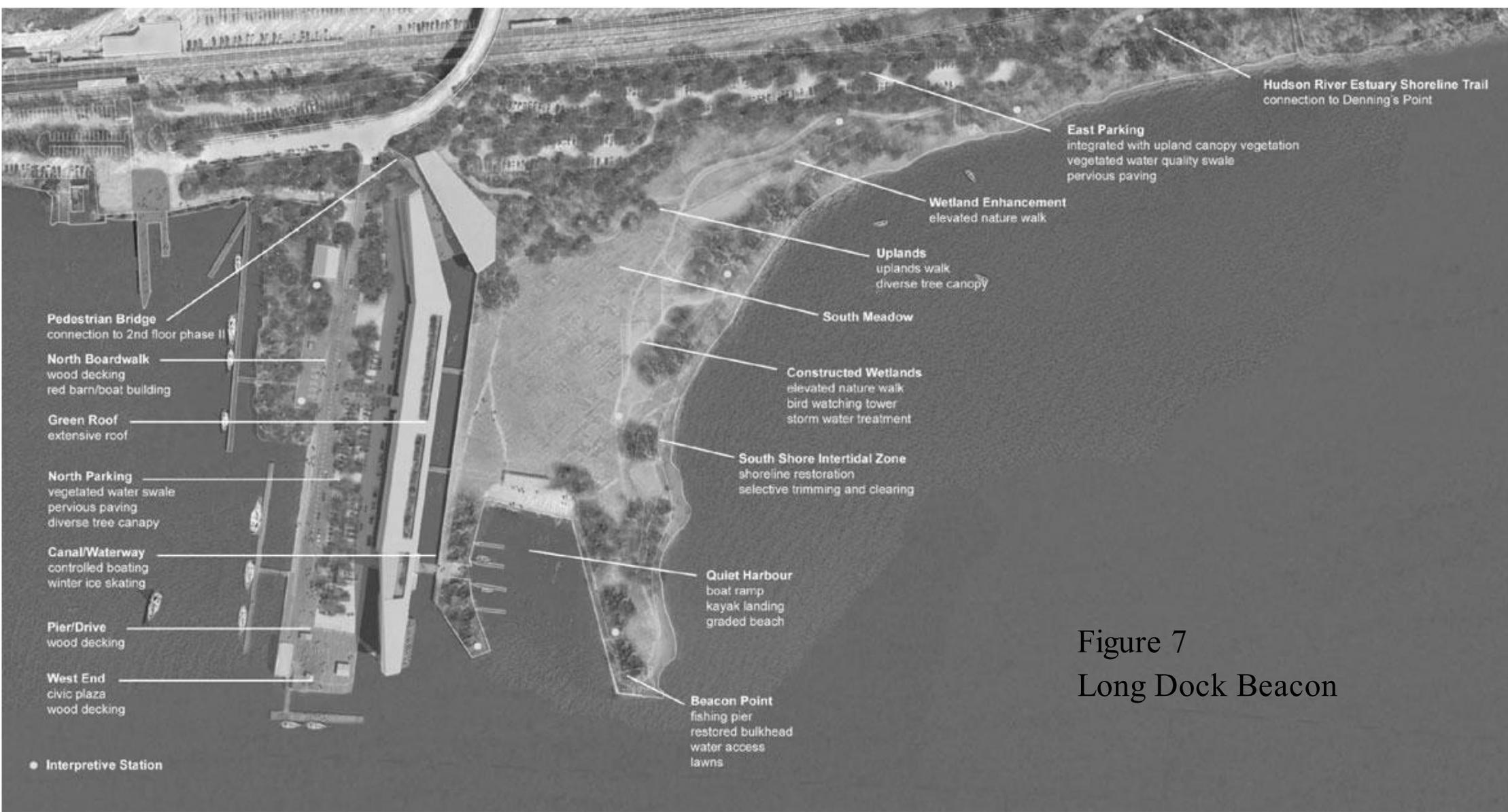




- LEGEND**
- HARBOR MANAGEMENT BOUNDARY
 - RIVER FRONT PARK
 - METRO NORTH/MTA TRAIN STATION
 - LONG DOCK BEACON
 - DIA BEACON
 - COMPOST FACILITY/WASTEWATER FACILITY
 - MADAM BRETT PARK
 - FISHKILL SIGNIFICANT COASTAL FISH AND WILDLIFE HABITAT
 - SURFACE WATER
 - BEACON RIVERSIDE TRAIL

**CITY OF BEACON
HARBOR
MANAGEMENT
PLAN**

**FIGURE 6
CITY OF BEACON
EXISTING
WATERFRONT
FACILITIES**



Pedestrian Bridge
connection to 2nd floor phase II

North Boardwalk
wood decking
red barn/boat building

Green Roof
extensive roof

North Parking
vegetated water swale
pervious paving
diverse tree canopy

Canal/Waterway
controlled boating
winter ice skating

Pier/Drive
wood decking

West End
civic plaza
wood decking

Hudson River Estuary Shoreline Trail
connection to Denning's Point

East Parking
integrated with upland canopy vegetation
vegetated water quality swale
pervious paving

Wetland Enhancement
elevated nature walk

Uplands
uplands walk
diverse tree canopy

South Meadow

Constructed Wetlands
elevated nature walk
bird watching tower
storm water treatment

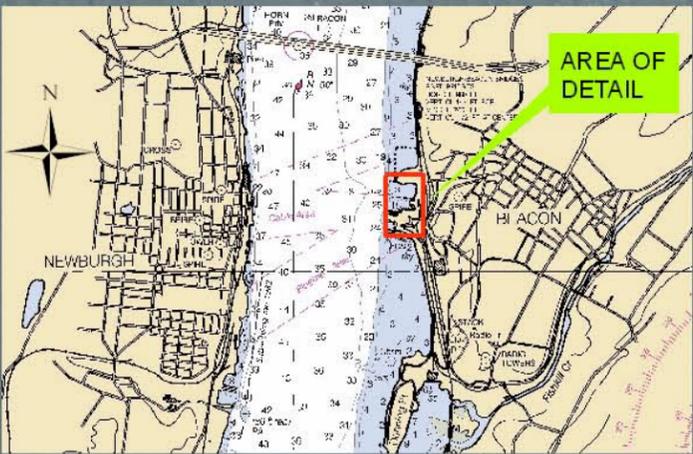
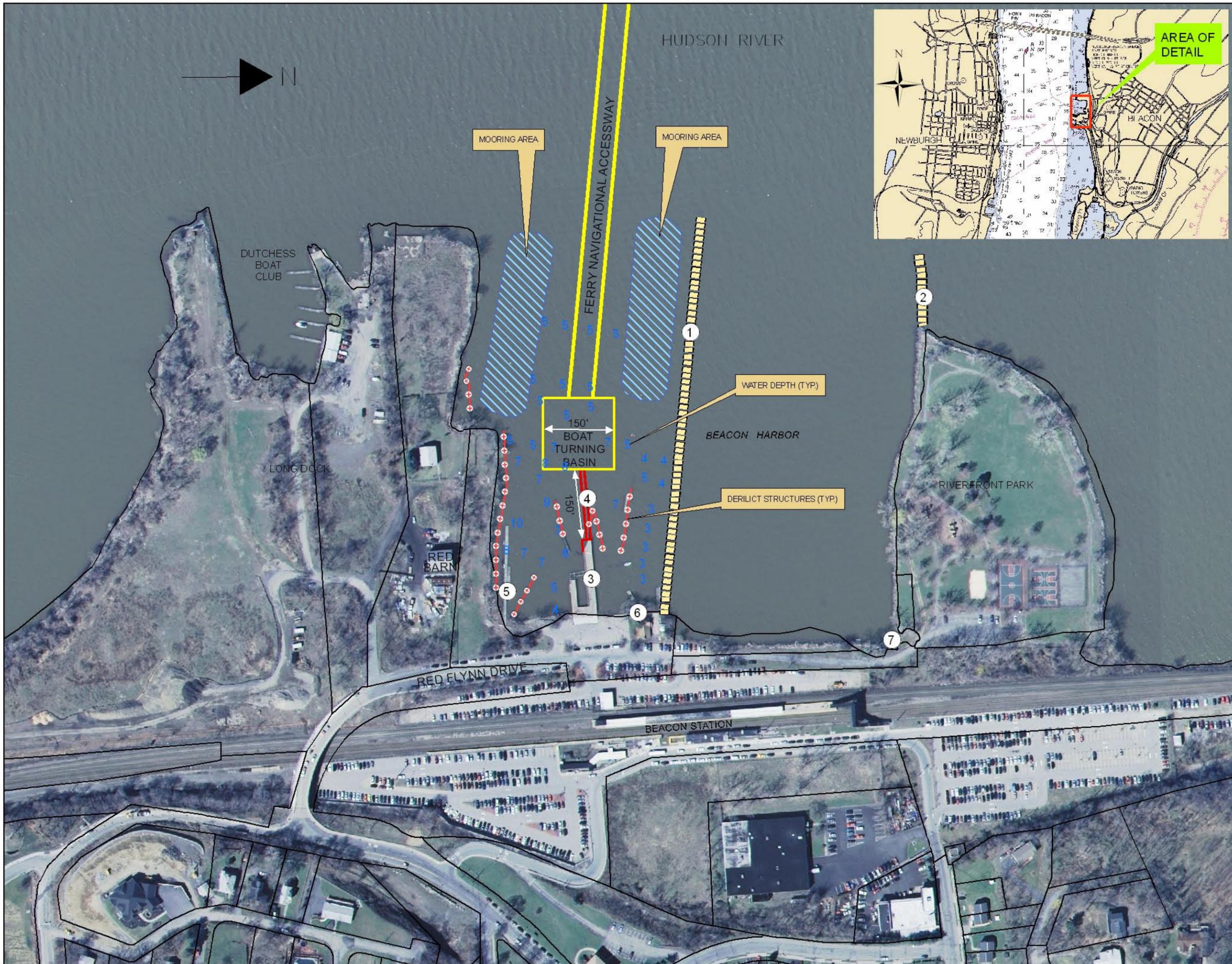
South Shore Intertidal Zone
shoreline restoration
selective trimming and clearing

Quiet Harbour
boat ramp
kayak landing
graded beach

Beacon Point
fishing pier
restored bulkhead
water access
lawns

● Interpretive Station

Figure 7
Long Dock Beacon



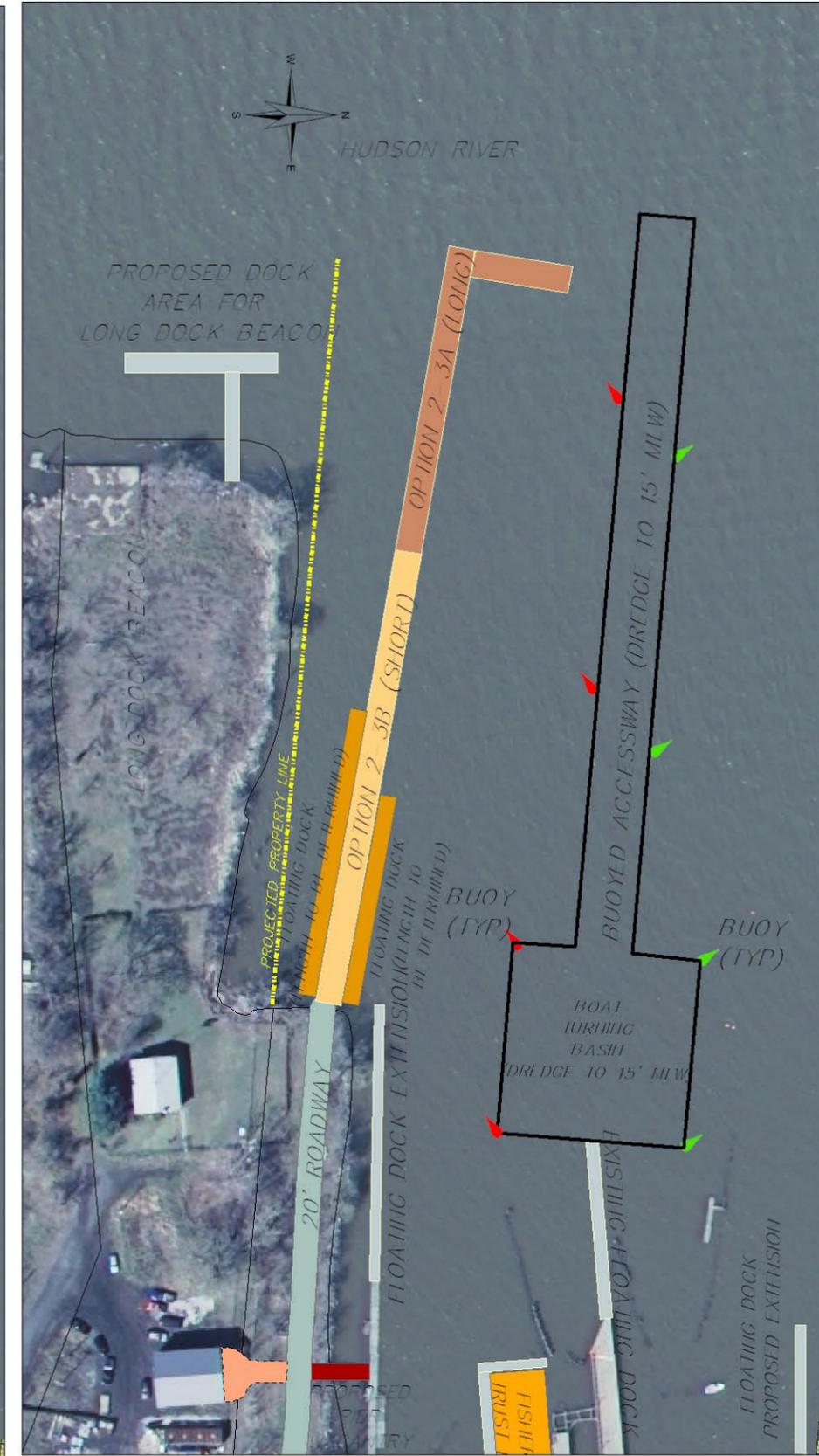
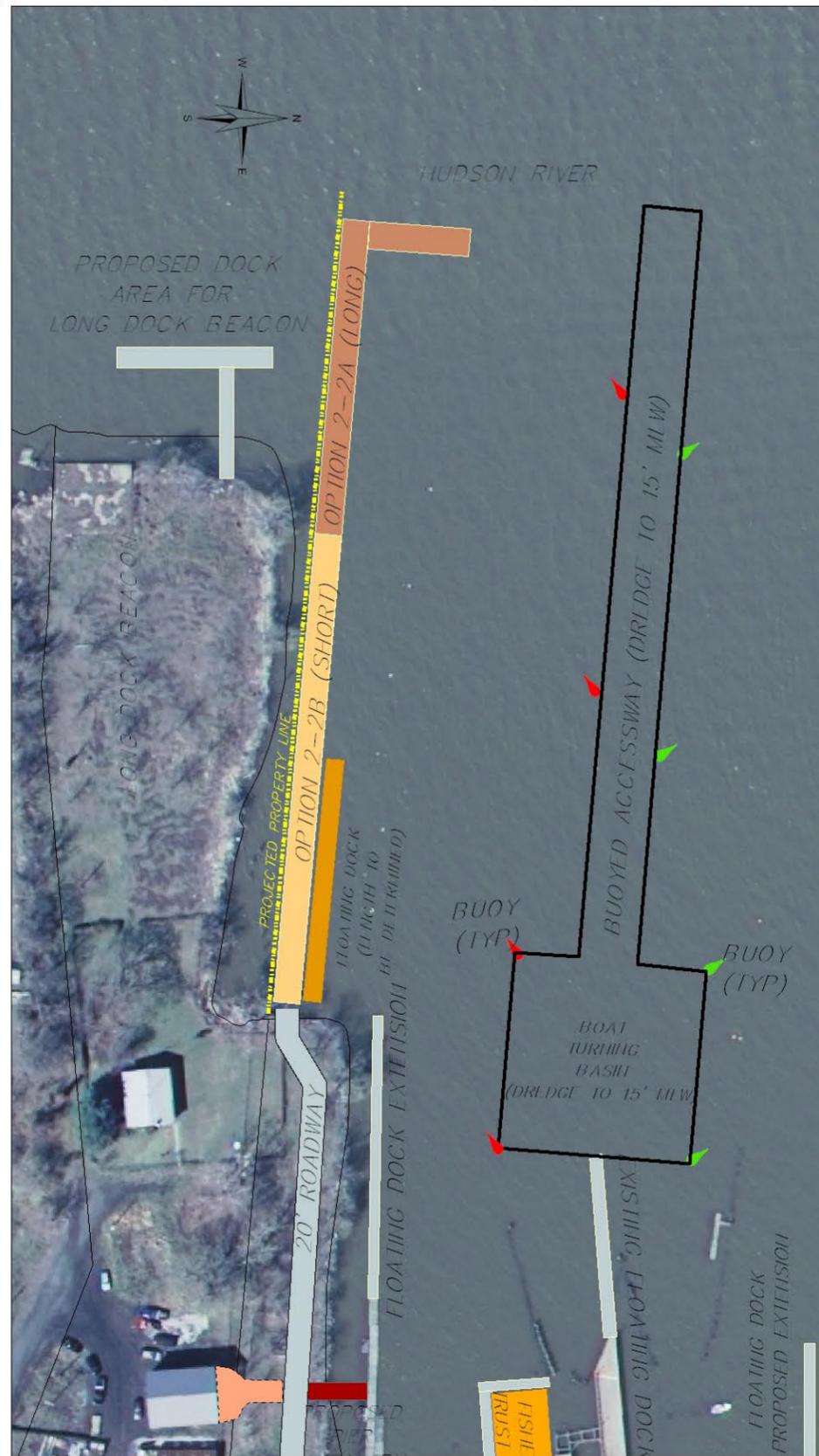
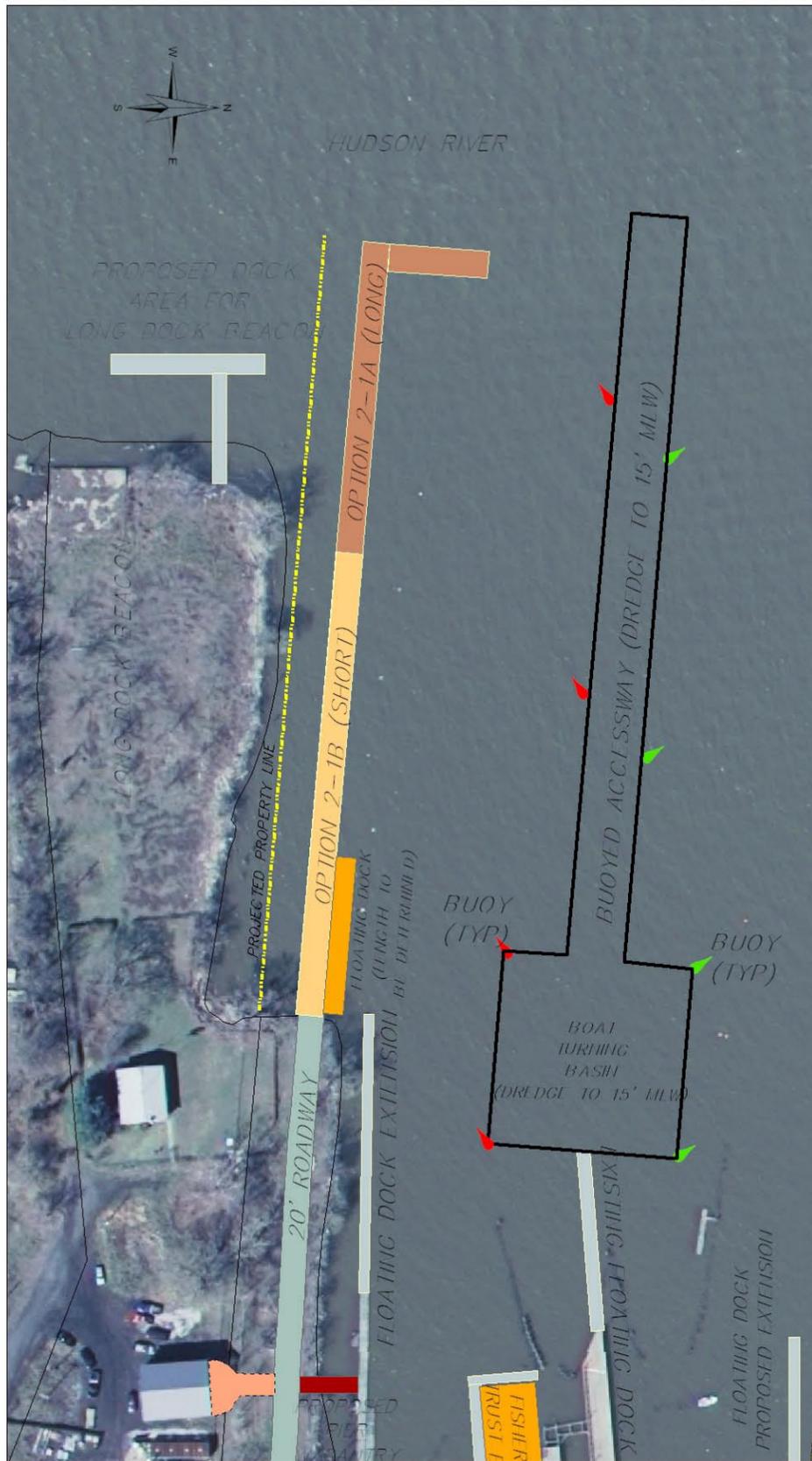
Legend

- 1. STONE GROIN
- 2. STONE JETTY
- 3. FIXED FERRY DOCK
- 4. FLOATING FERRY DOCK
- 5. FLOATING DOCKS
- 6. BOAT RAMP
- 7. STORM WATER OUTFALL PIPE

AERIAL DATED: WINTER 2004

**CITY OF BEACON
HARBOR
MANAGEMENT
PLAN**

**FIGURE 8
BEACON HARBOR
AREA
EXISTING SURFACE
WATER USES AND
STRUCTURES**




CITY OF BEACON HARBOR MANAGEMENT PLAN
FIGURE 11-A
FIXED PIER OFF CITY OF BEACON PROPERTY PARALLEL OPTION

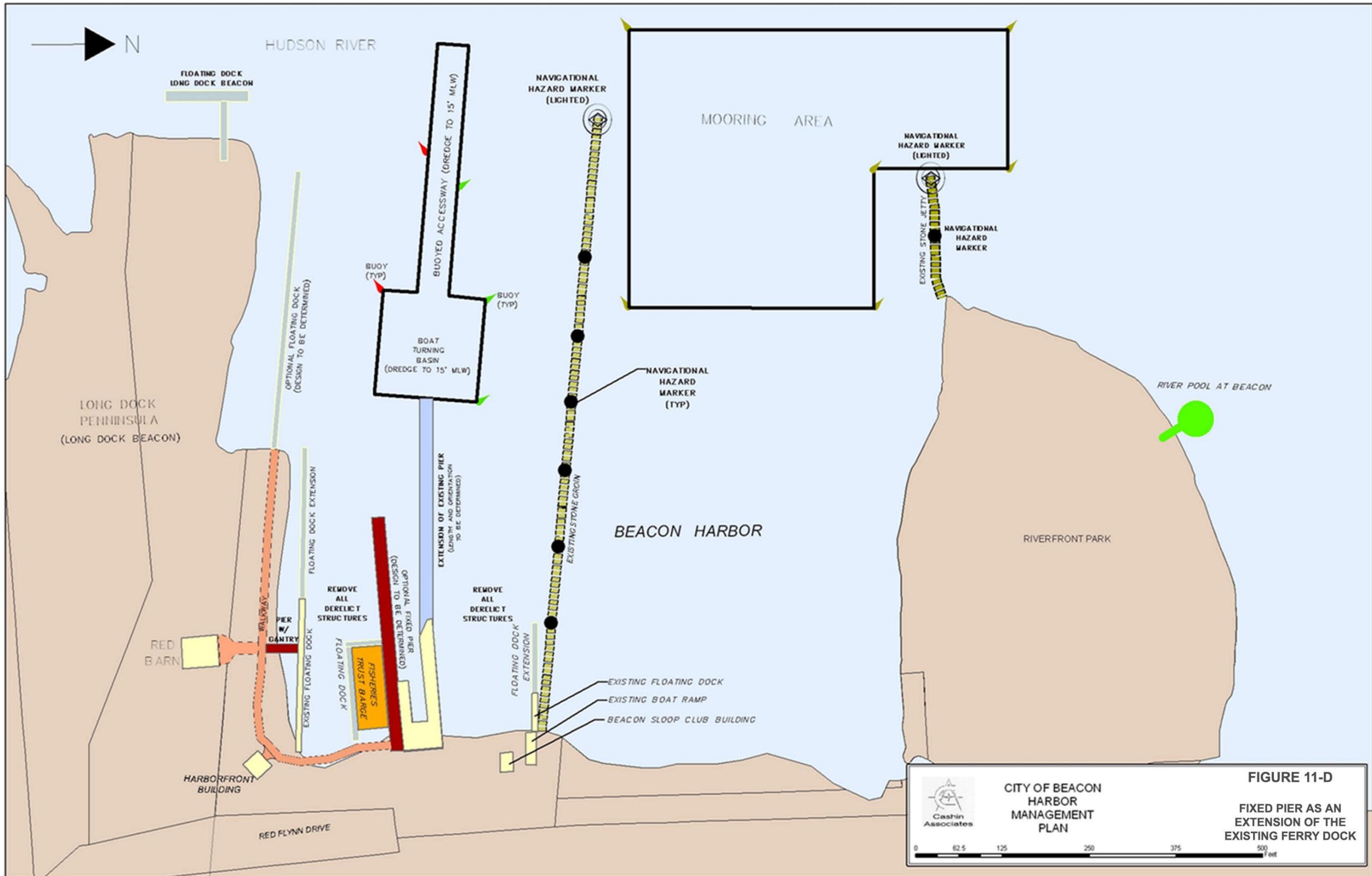
0 50 100 200 300 400 Feet


CITY OF BEACON HARBOR MANAGEMENT PLAN
FIGURE 11-B
FIXED PIER OFF CITY OF BEACON PROPERTY ADJACENT OPTION

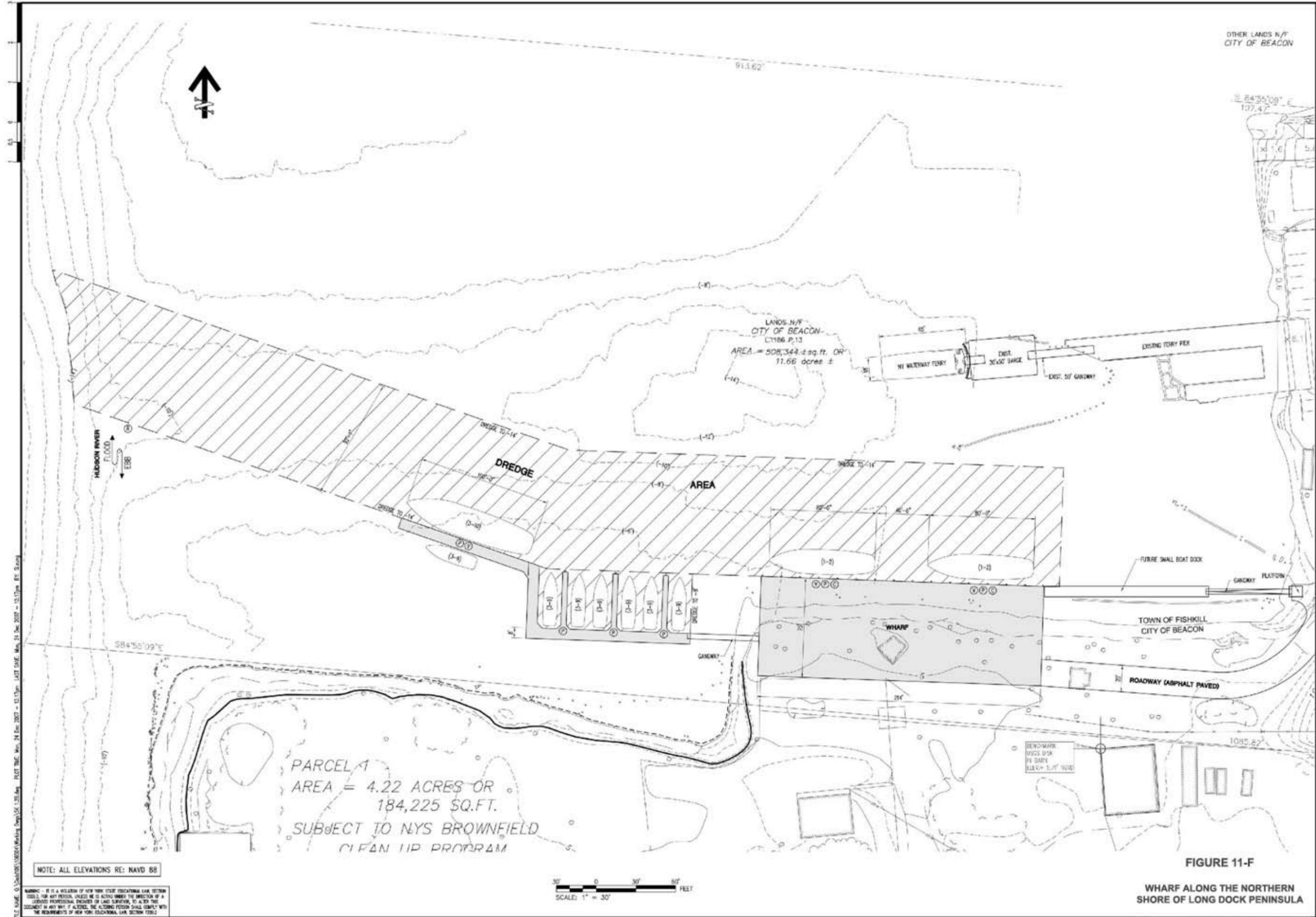
0 50 100 200 300 400 Feet


CITY OF BEACON HARBOR MANAGEMENT PLAN
FIGURE 11-C
FIXED PIER OFF CITY OF BEACON PROPERTY ANGLED OPTION

0 50 100 200 300 400 Feet



CASHIN ASSOCIATES
CITY OF BEACON HARBOR MANAGEMENT PLAN
FIGURE 11-D
FIXED PIER AS AN EXTENSION OF THE EXISTING FERRY DOCK



OTHER LANDS N/F
CITY OF BEACON

911.62'

S 84°55'09" E
107.47'

LANDS N/F
CITY OF BEACON
L7186 P.13
AREA = 508,344 sq. ft. OR
11.66 acres ±

DREDGE
AREA

WHARF

TOWN OF FISHKILL
CITY OF BEACON

ROADWAY (ASPHALT PAVED)

PARCEL 1
AREA = 4.22 ACRES OR
184,225 SQ.FT.
SUBJECT TO NYS BROWNFIELD
CLEAN UP PROGRAM

NOTE: ALL ELEVATIONS RE: NAVD 88

SCALE: 1" = 30'

FIGURE 11-F

WHARF ALONG THE NORTHERN
SHORE OF LONG DOCK PENINSULA



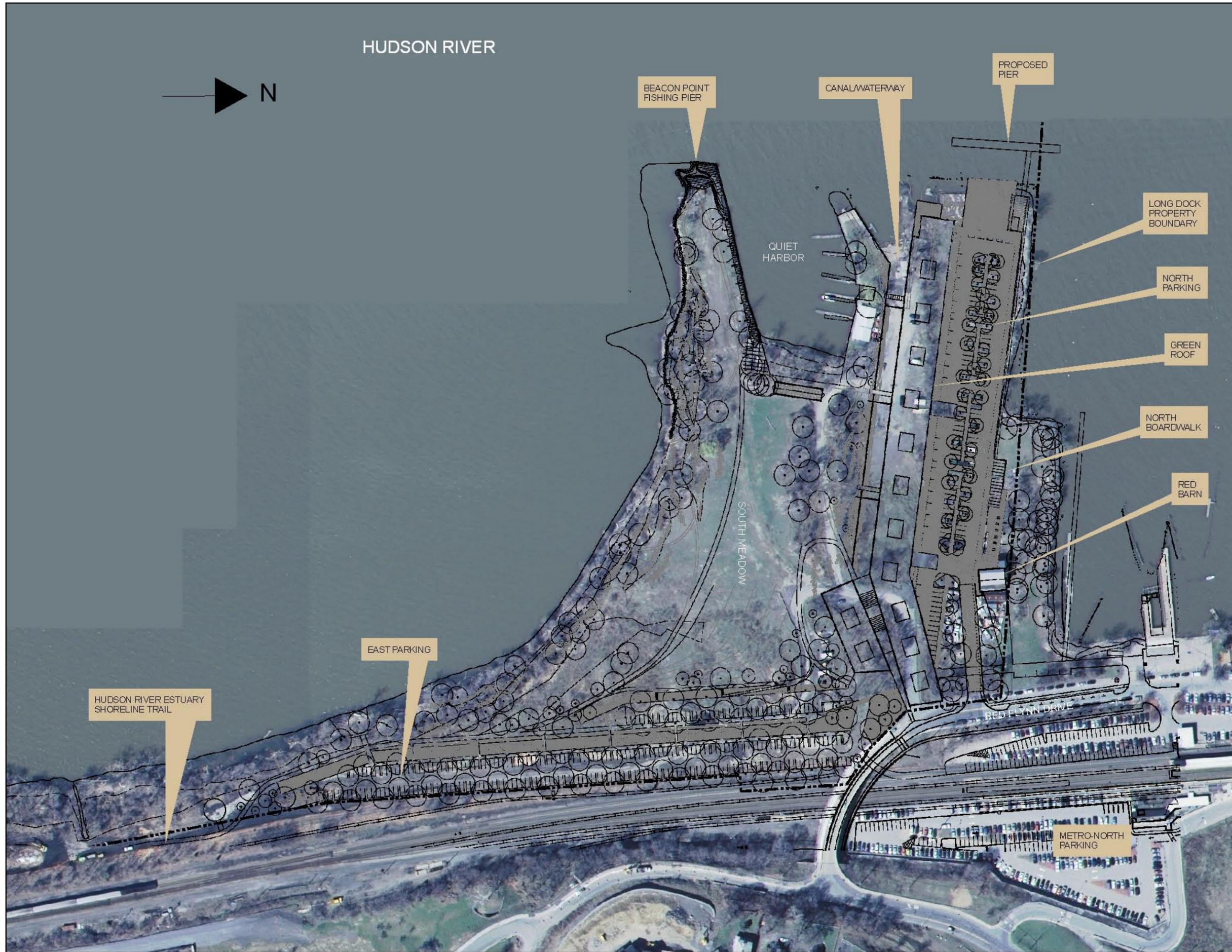
THE BEACON INSTITUTE
VESSEL SITING STUDY

BEACON, NEW YORK

PROJECT NO.	108504
SCALE	1"=30'
DATE	12-21-07
DRAWN BY	DJT
CHECKED BY	RAC
DATE	

FILE NAME: C:\p\108504\108504\Working\Draw\11-F.dwg PLOT TIME: Mon, 24 Dec 2007 - 15:17pm LAST SAVE: Mon, 24 Dec 2007 - 12:17pm BY: S.dwyer

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 1201.1, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 1201.2



HUDSON RIVER



BEACON POINT FISHING PIER

CANAL/WATERWAY

PROPOSED PIER

LONG DOCK PROPERTY BOUNDARY

NORTH PARKING

GREEN ROOF

NORTH BOARDWALK

RED BARN

QUIET HARBOR

SOUTH MEADOW

EAST PARKING

HUDSON RIVER ESTUARY SHORELINE TRAIL

METRO-NORTH PARKING



0 25 50 100 150 200 Feet

AERIAL DATED: WINTER 2004

CITY OF BEACON HARBOR MANAGEMENT PLAN

FIGURE 12
AERIAL PHOTOGRAPH OF PROPOSED PROJECT AT LONG DOCK BEACON

City of Beacon
Harbor
Management
Plan

Figure 13



Legend

- Harbor Management Boundary
- Upland Area

Photo Date: 2004

See Figures
11A - G for
detailed Beacon
Harbor Surface
Water Use
Options



0 1800 feet

