



**US Army Corps  
of Engineers**®  
New England District

696 Virginia Road  
Concord, MA 01742-2751

# PUBLIC NOTICE

**Date: October 19, 2010**  
**Comment Period Ends: November 19, 2010**  
**File Number: NAE-2008-3660**  
**In Reply Refer To: Kevin R. Kotelly, P.E.**  
**Or by e-mail: [Kevin.r.kotelly@usace.army.mil](mailto:Kevin.r.kotelly@usace.army.mil)**

The District Engineer has received a permit application from the applicant below to **conduct work in waters of the United States** as described below.

## APPLICANT

The Town of Yarmouth, Massachusetts

## PROPOSED WORK AND PURPOSE

The work is dredging and the discharge of dredged material below the high tide line of waters of the United States for the maintenance dredging and beach nourishment of several sites in the Town of Yarmouth, Massachusetts, in order to maintain navigation within multiple waterways and the nourishment of multiple beaches in the Town. A total of approximately 179,413 cubic yards of sand and silt material would be removed by both mechanical and hydraulic means and disposed of at a total of 302,395 square feet of Town beaches. All of the dredging and beach nourishment sites have been authorized in the past under separate permits. The purpose of this permit review is to bring all of the Town's dredging and beach nourishment maintenance activities under one comprehensive permit. This will give the Town the flexibility they need to dredge and nourish the highest priority areas and allow for effective and efficient use of Town resources. The permit will be valid for 10 years. The work locations are shown on the enclosed location plans entitled, "10 YR Comprehensive Permit and Beach Nourishment," on 36 sheets, and dated, "April 27, 2009." Detail plans are available for each work location by request.

## MITIGATION

The various dredging and beach nourishment sites have been designed to avoid and minimize impacts to aquatic resources as much as possible. The proposed plan is for typical dredging and beach nourishment of sand. No compensatory mitigation is proposed.

## WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed in several waterways and beach areas in the Town of Yarmouth, Massachusetts. The location of the Town of Yarmouth, Massachusetts, on the USGS Hyannis and Dennis quadrangle sheets is at Latitude 41°41'18" N and Longitude 70°13'51" E.

## AUTHORITY

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899
- Section 404 of the Clean Water Act
- Section 103 of the Marine Protection, Research and Sanctuaries Act).

**CENAE-R-PEA**  
**FILE NO. NAE-2008-3660**

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

**ESSENTIAL FISH HABITAT**

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH).

The dredging portion of this project will impact approximately 4.3 Acres and the beach nourishment portion of this project will impact approximately 6.9 Acres of Essential Fish Habitat (EFH) for various life stages of Atlantic cod (*Gadus morhua*), haddock (*Melanogrammus aeglefinus*), pollock (*Pollachius virens*), whiting (*Merluccius bilinearis*), offshore hake (*Merluccius albidus*), red hake (*Urophycis chuss*), white hake (*Urophycis tenuis*), winter flounder (*Pleuronectes americanus*), yellowtail flounder (*Pleuronectes ferruginea*), windowpane flounder (*Scopthalmus aquosus*), American plaice (*Hippoglossoides platessoides*), ocean pout (*Macrozoarces americanus*), Atlantic halibut (*Hippoglossus hippoglossus*), Atlantic sea scallop (*Placopecten magellanicus*), Atlantic sea herring (*Clupea harengus*), monkfish (*Lophius americanus*), bluefish (*Pomatomus saltatrix*), long finned squid (*Loligo pealei*), short finned squid (*Illex illecebrosus*), Atlantic butterfish (*Peprilus triacanthus*), Atlantic mackerel (*Scomber scombrus*), summer flounder (*Paralichthys dentatus*), scup (*Stenotomus chrysops*), black sea bass (*Centropristus striata*), spiny dogfish (*Squalus acanthias*), bluefin tuna (*Thunnus thynnus*), king mackerel (*Scomberomorus cavalla*), Spanish mackerel (*Scomberomorus maculatus*), and Cobia (*Rachycentron canadum*). Habitat at this site can be described as subtidal silt and sand. Loss of this habitat may adversely affect the species listed above. However the District Engineer has made a preliminary determination that the

site-specific adverse effect will not be substantial. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision.

### **SECTION 106 COORDINATION**

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s)

### **ENDANGERED SPECIES CONSULTATION**

The New England District, Army Corps of Engineers has reviewed the list of species protected under the Endangered Species Act of 1973, as amended, which might occur at the proposed project site during the construction and subsequent operation/use period sought by the applicant. We have consulted with the US Fish and Wildlife Service and National Marine Fisheries Service on the presence of federally listed endangered or threatened species and they have provided the Corps with conservation recommendations to avoid adverse affects to the species. We will incorporate the conservation recommendations as special conditions to the permit that may be issued. Therefore, it is our determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect any Federally listed endangered or threatened species or their designated critical habitat. By this Public Notice, we are requesting that the appropriate Federal Agency concur with our determination.

The States of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved **Coastal Zone Management Programs**. Where applicable the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, License or Assent from State.
- (X) Permit from Local Wetland Agency or Conservation Commission.
- (X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

**CENAE-R-PEA**  
**FILE NO. NAE-2008-3660**

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Kevin Kotelly at (978) 318-8703, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

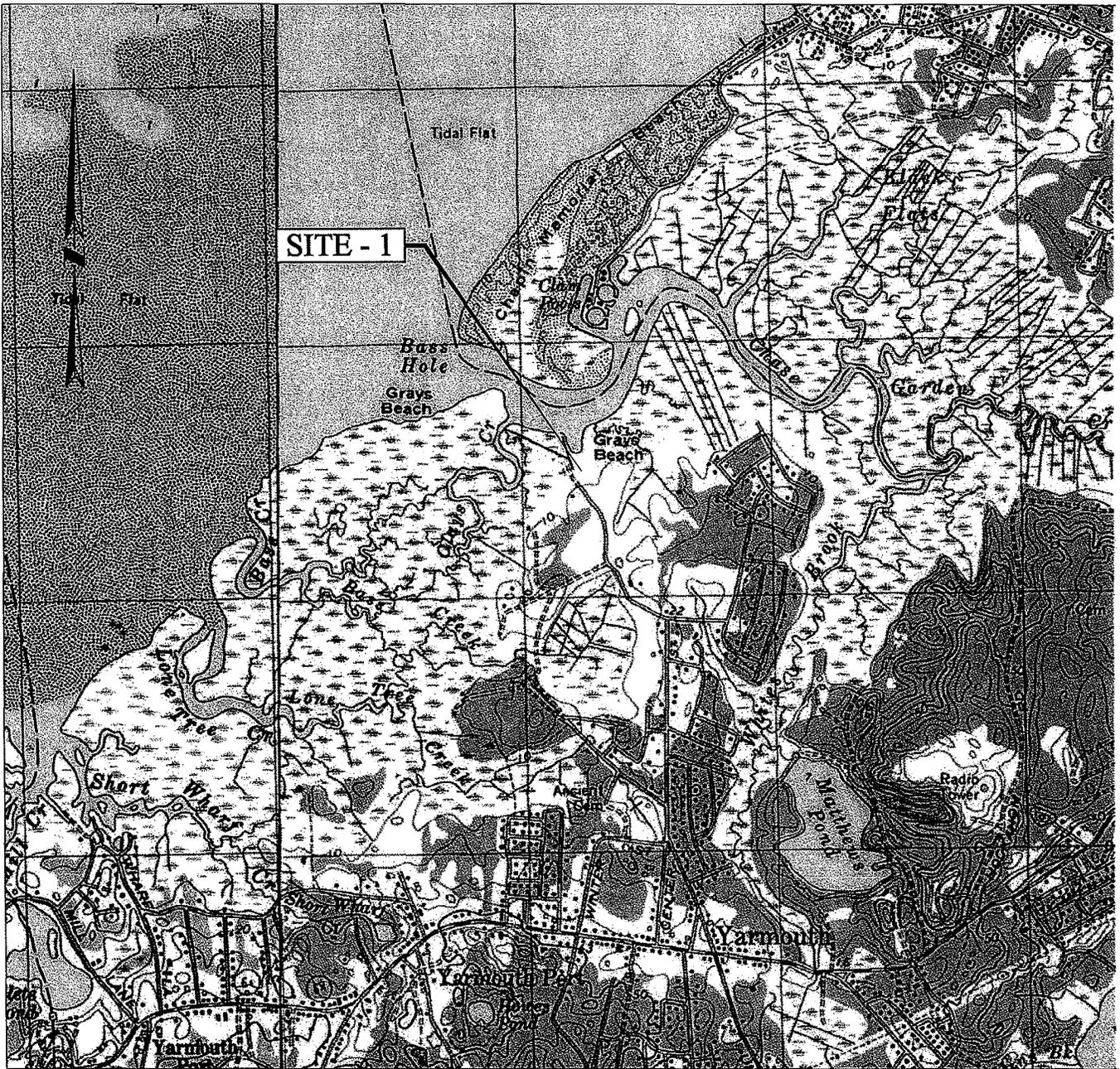
**THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.**



**Karen K. Adams**  
**Chief, Permits and Enforcement Branch**  
**Regulatory Division**

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at [bettina.m.chaisson@usace.army.mil](mailto:bettina.m.chaisson@usace.army.mil). You may also check here ( ) and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_



NOTES:

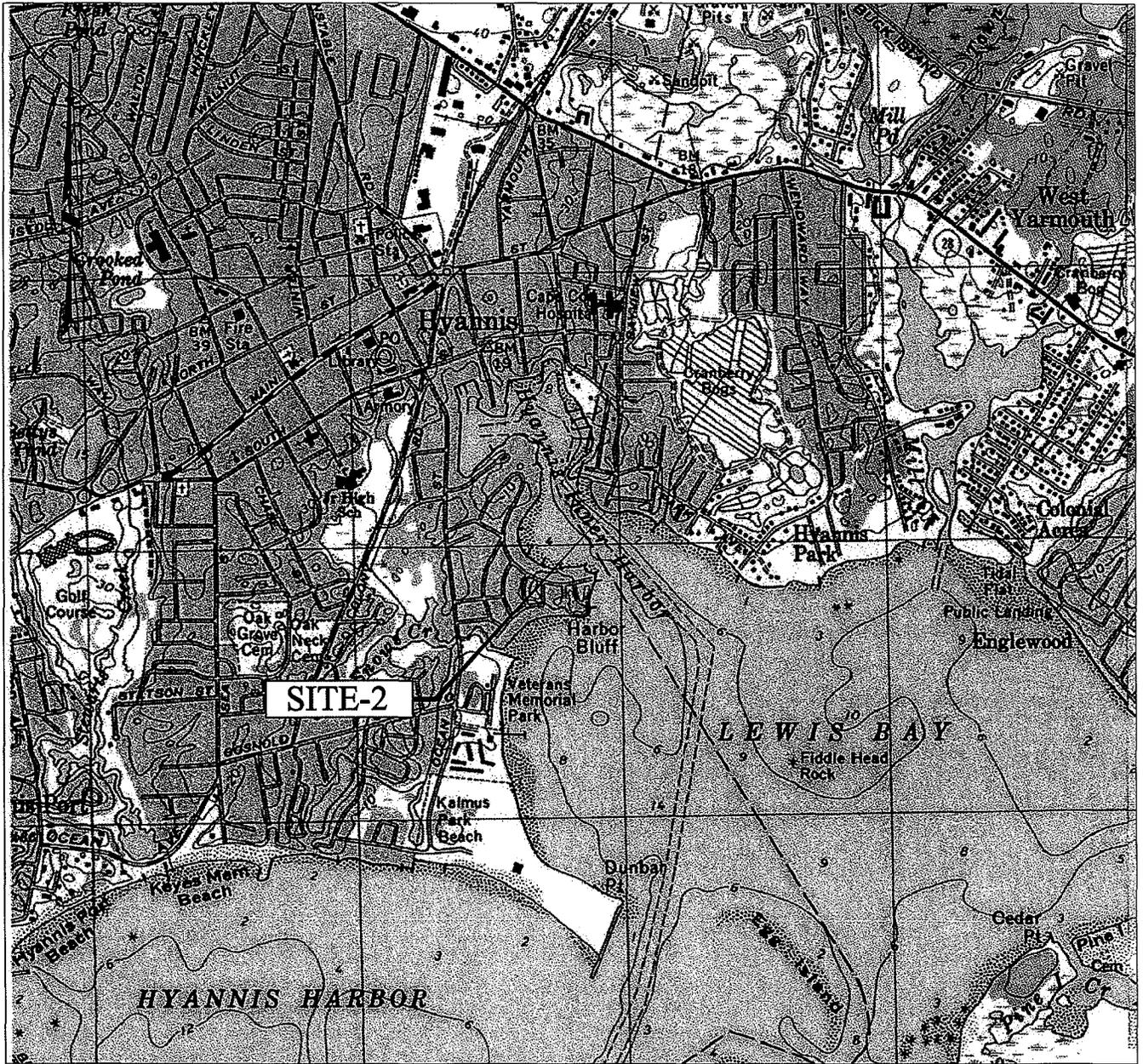
1. DEP FILE #2409

2. THIS PLAN WAS COMPILED FROM USGS MAPS OBTAINED FROM THE MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <span style="font-size: 2em;">1</span>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	DATE	Site 1 – Bass Hole/ Gray's Beach Locus Map	REVISIONS: <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
		DESIGNED	10 YR Comprehensive Permit and Beach Nourishment		JOB NO.
		TECHNICIAN	6605		CHECKED
		April 27, 2009			
		GD			
		GD			
		FP			

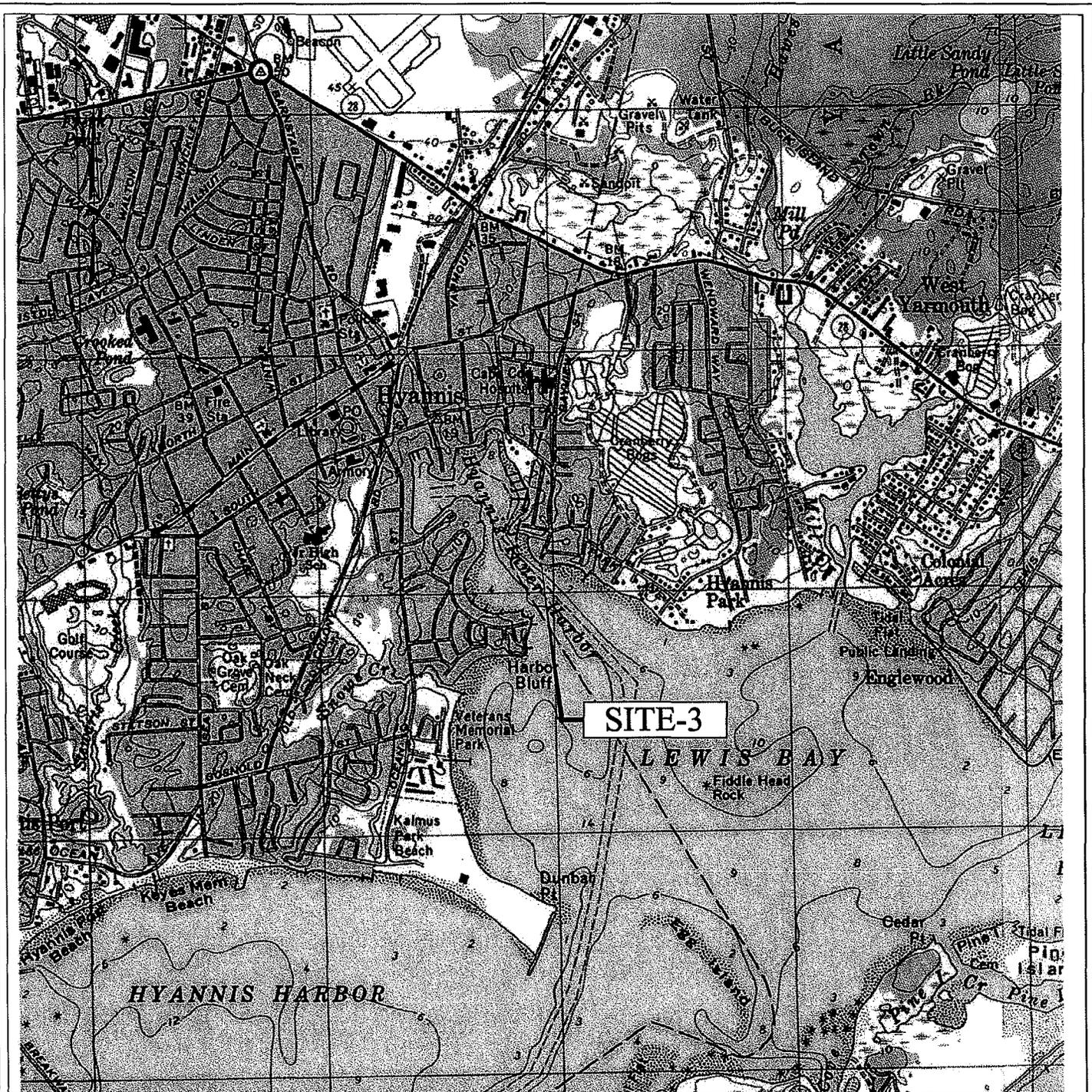


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<b>FIGURE</b>  <b>4</b>	 116 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	DATE April 27, 2009	Site 2 – Bay Road at Hedge Row Locus Map		REVISIONS:
		DESIGNED GD	10 YR Comprehensive Permit and Beach Nourishment	JOB NO. 6605	_____
		TECHNICIAN GD			_____
CHECKED FP	_____				



NOTES:  
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SCALE: 1" = 2000'



**FIGURE**  
**7**

115 BROAD STREET  
 SUITE 200  
 BOSTON, MA 02110  
 (617) 728-0070  
**Apex**  
 COMPANIES, LLC.

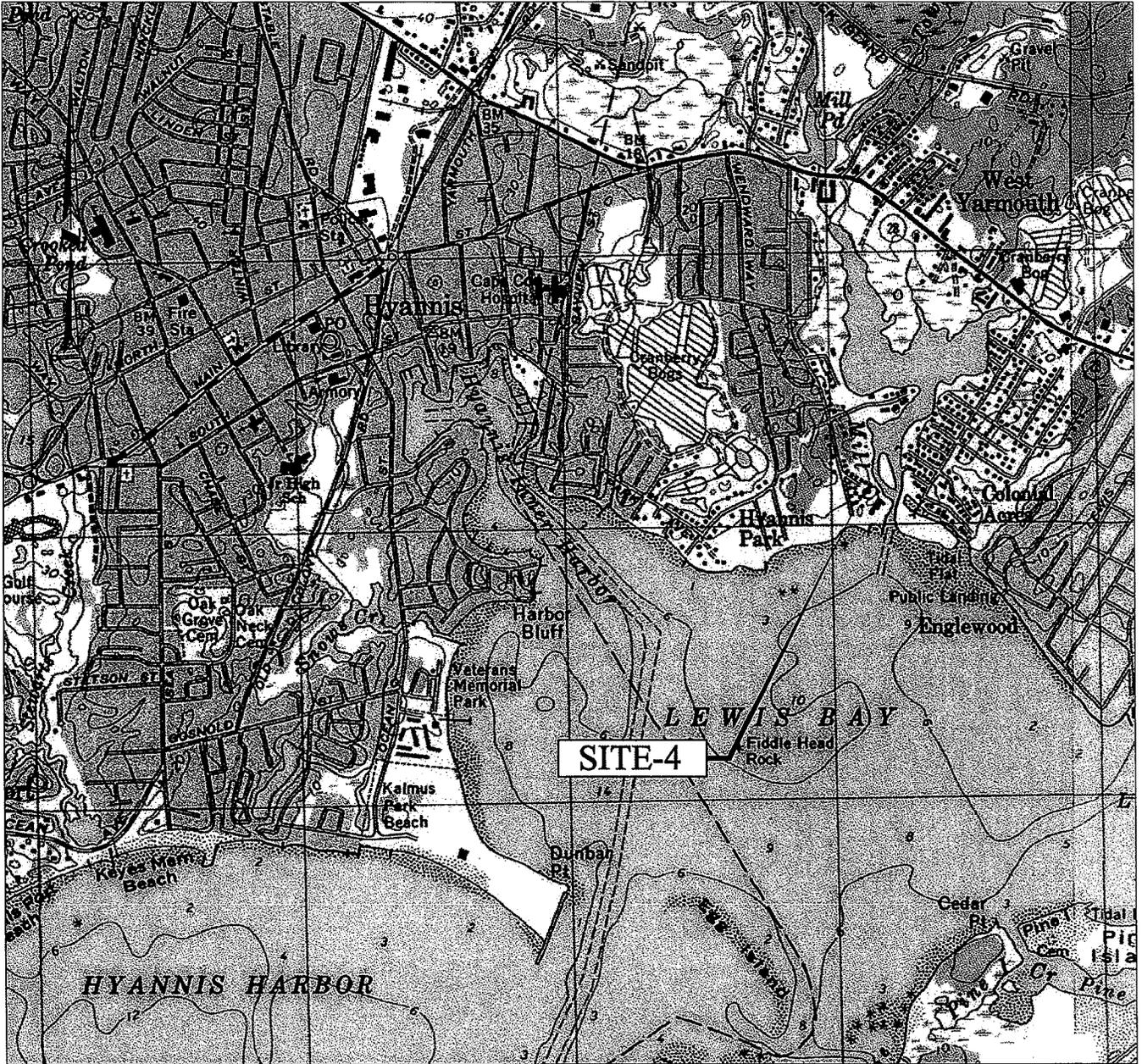
DATE  
 April 27, 2009

DESIGNED GD  
 TECHNICIAN GD  
 CHECKED FP

Site 3 – Bayview Street Beach  
 Locus Map

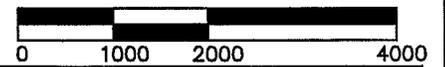
10 YR Comprehensive Permit and  
 Beach Nourishment

JOB NO.  
 6605

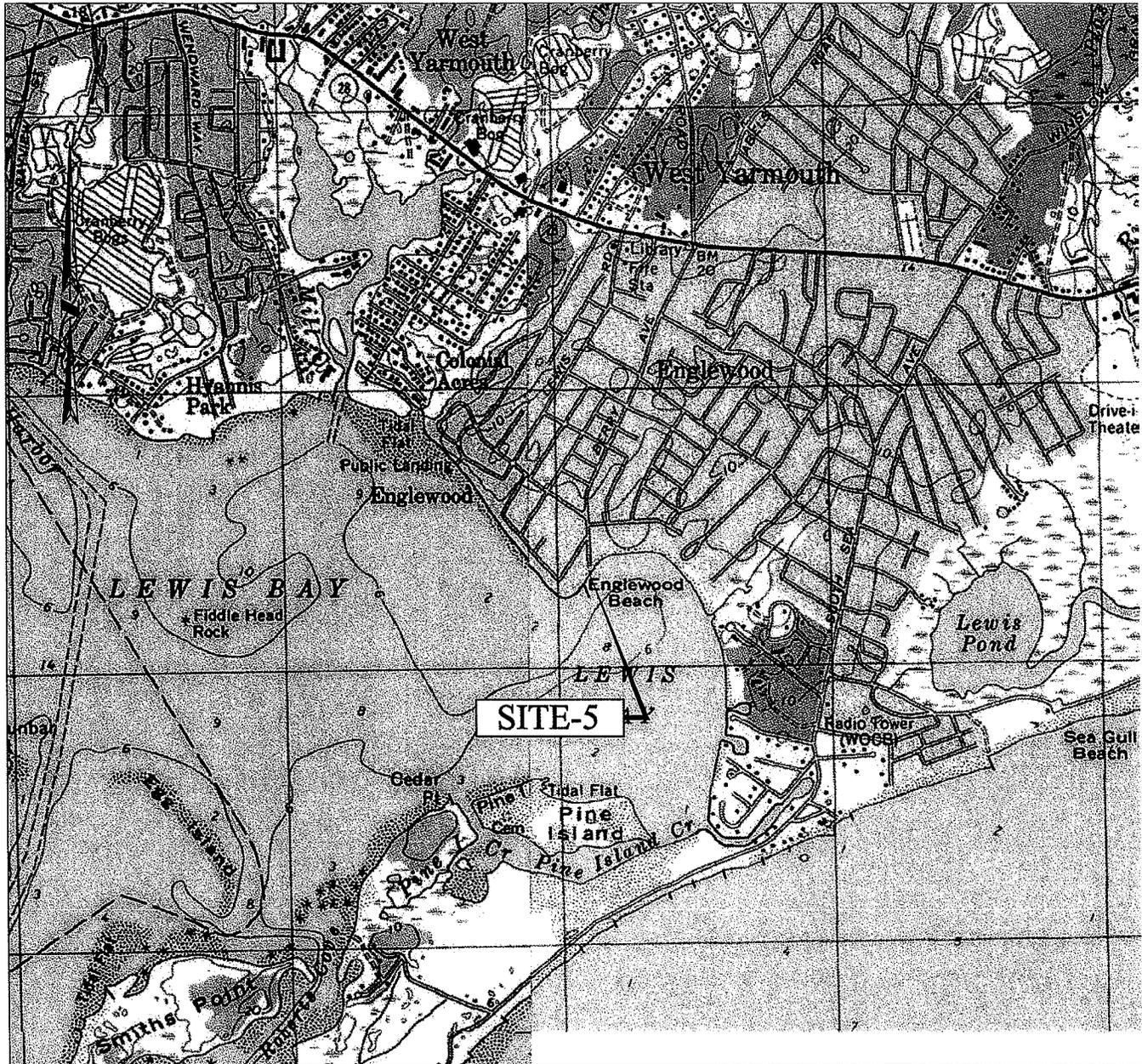


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SCALE: 1" = 2000'



<b>FIGURE</b>  <b>10</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	DATE	Site 4 – Baxter Avenue Locus Map	REVISIONS: <hr/> <hr/> <hr/> <hr/> <hr/>		
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		TECHNICIAN	GD			
	CHECKED	FP				

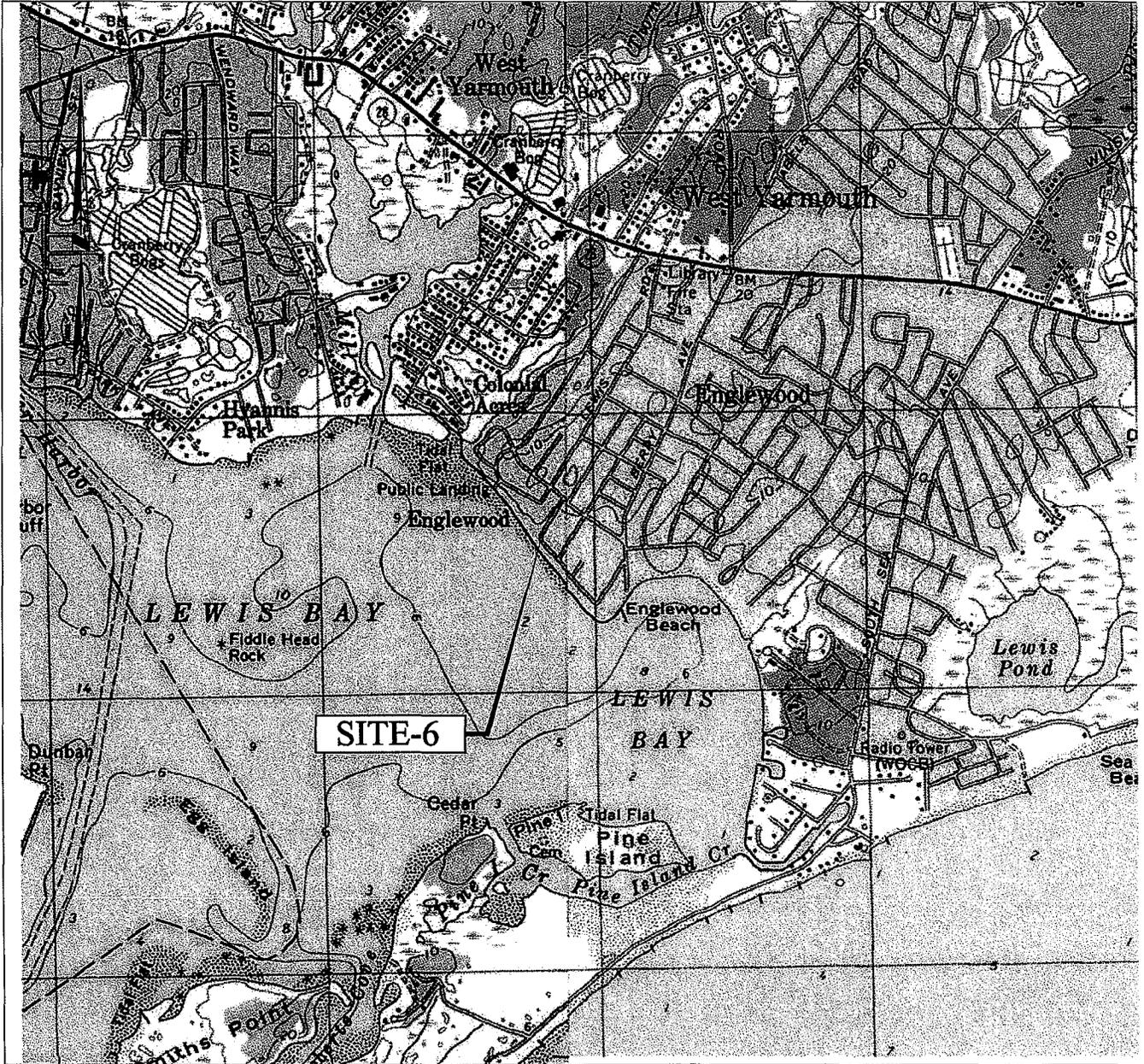


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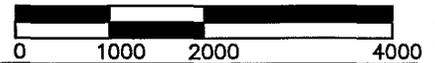


<b>FIGURE</b>  <b>13</b>	 116 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	<b>DATE</b> April 27, 2009	<b>Site 5 – Berry Avenue</b> Locus Map	<b>REVISIONS:</b>      
		<b>DESIGNED</b> GD <b>TECHNICIAN</b> GD <b>CHECKED</b> FP	10 YR Comprehensive Permit and Beach Nourishment	

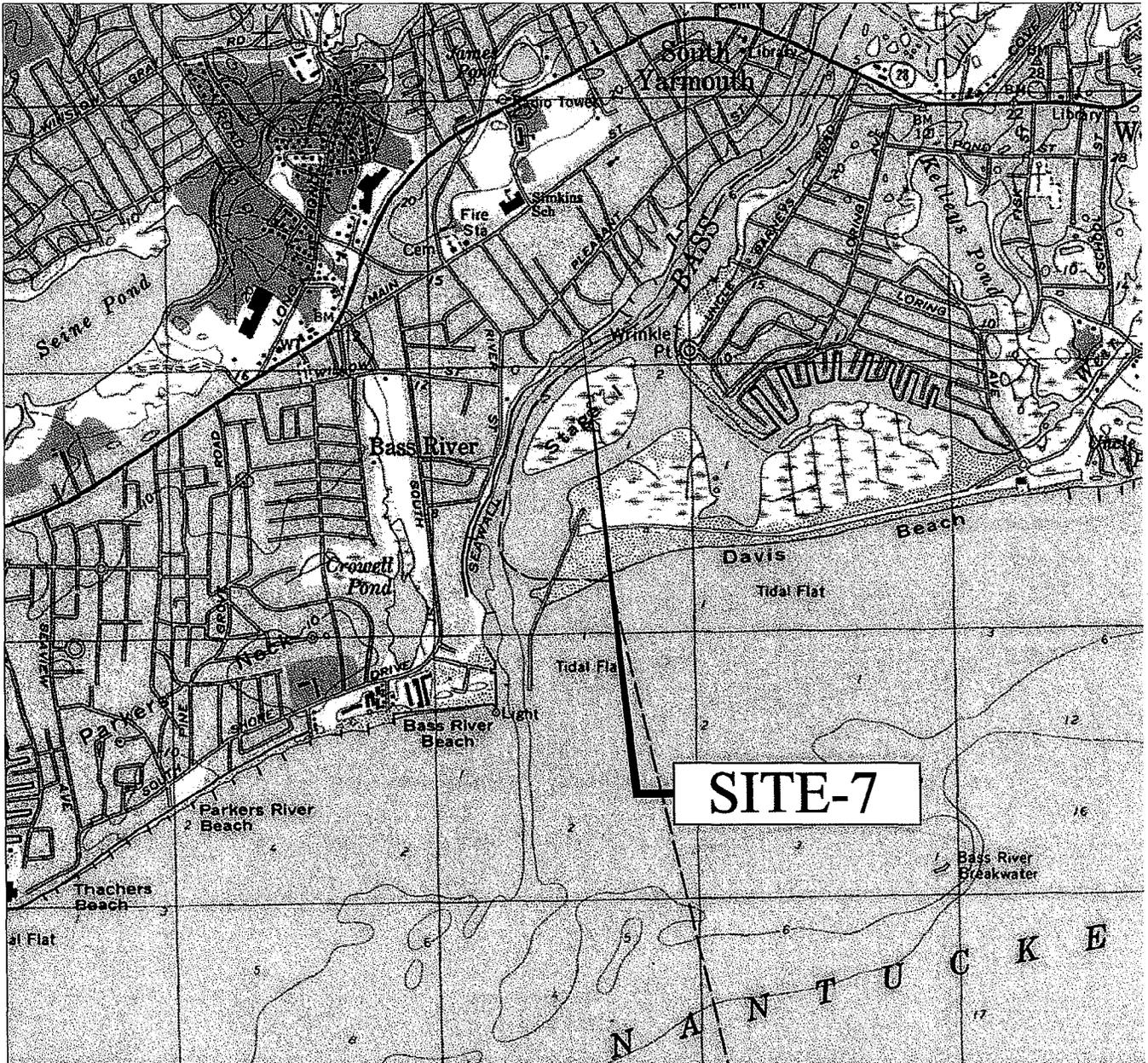


NOTES:  
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<b>FIGURE</b>  <b>16</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	DATE April 27, 2009	Site 6—Columbus Avenue Locus Map	REVISIONS:      	
		DESIGNED GD	10 YR Comprehensive Permit and Beach Nourishment		JOB NO.
		TECHNICIAN GD			6605
		CHECKED FP			

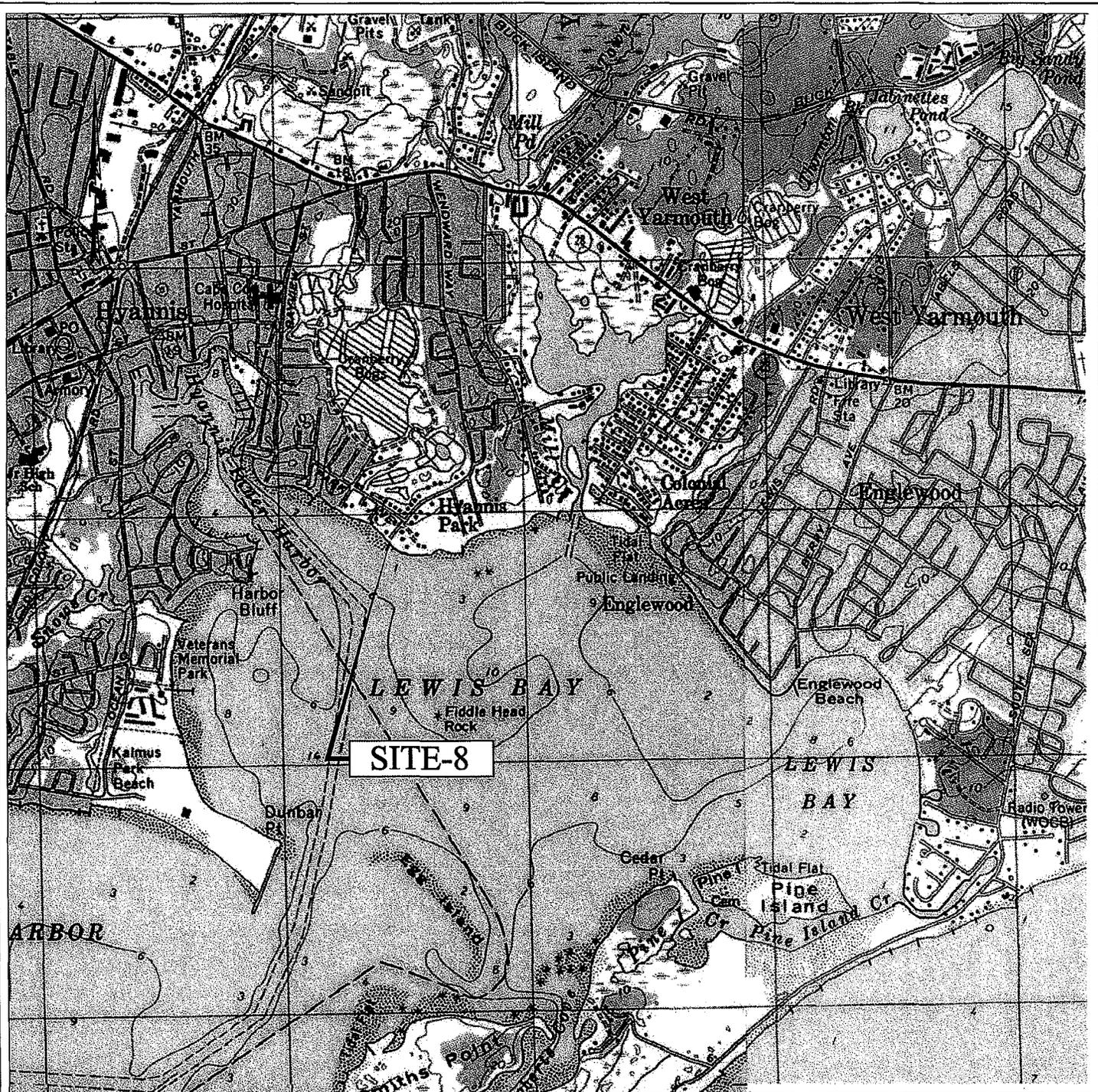


NOTES:  
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SCALE: 1" = 2000'



<b>FIGURE</b>  <b>19</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE April 27, 2009	Site 7 – Crosby Street Locus Map	REVISIONS: _____ _____ _____ _____ _____	
		DESIGNED GD TECHNICIAN GD CHECKED FP	10 YR Comprehensive Permit and Beach Nourishment		JOB NO. 6605

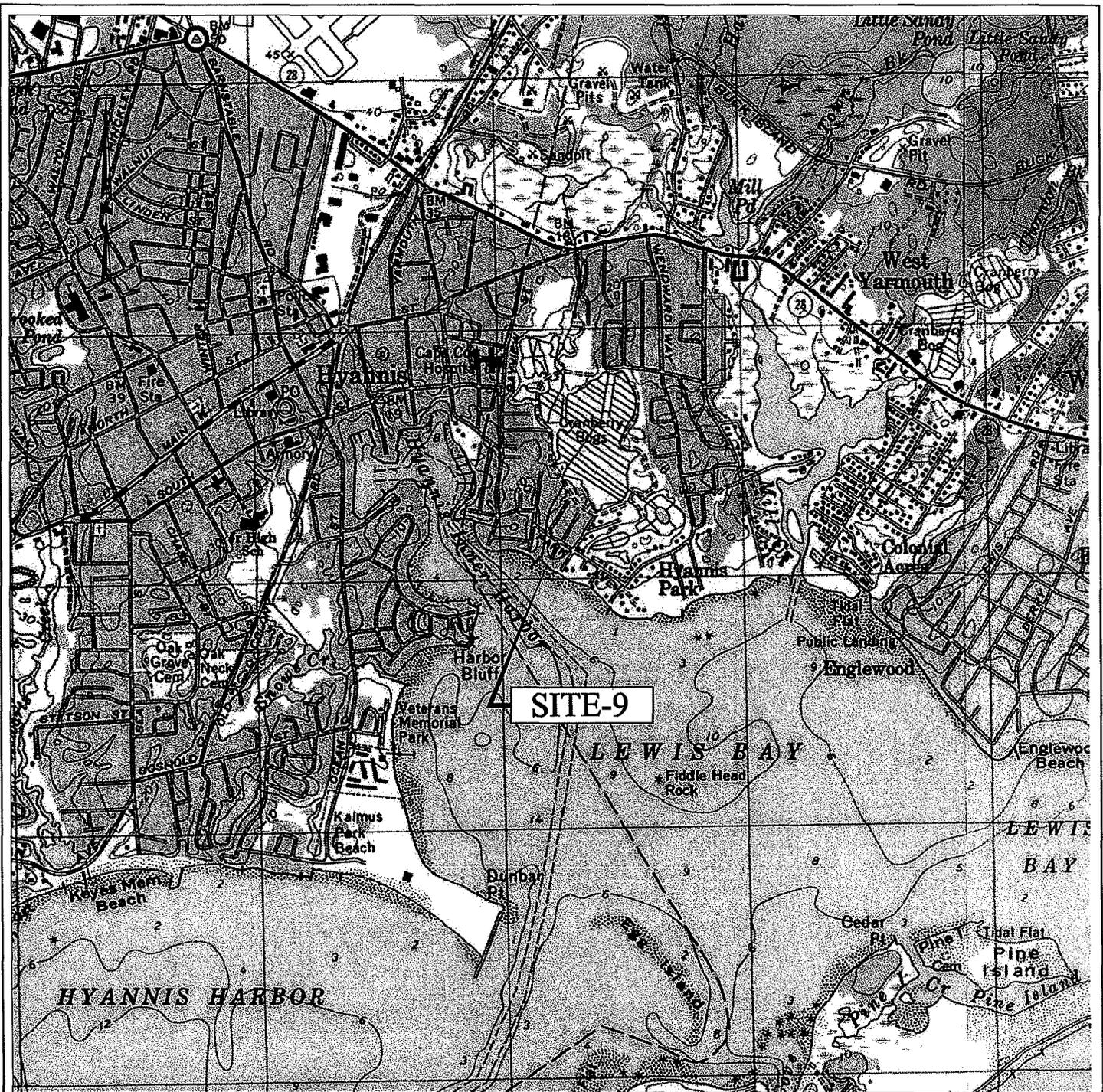


NOTES:  
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 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>22</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 8 – Glenwood Street Locus Map	
		DESIGNED	10 YR Comprehensive Permit and Beach Nourishment	JOB NO.
		TECHNICIAN	6605	
	CHECKED			

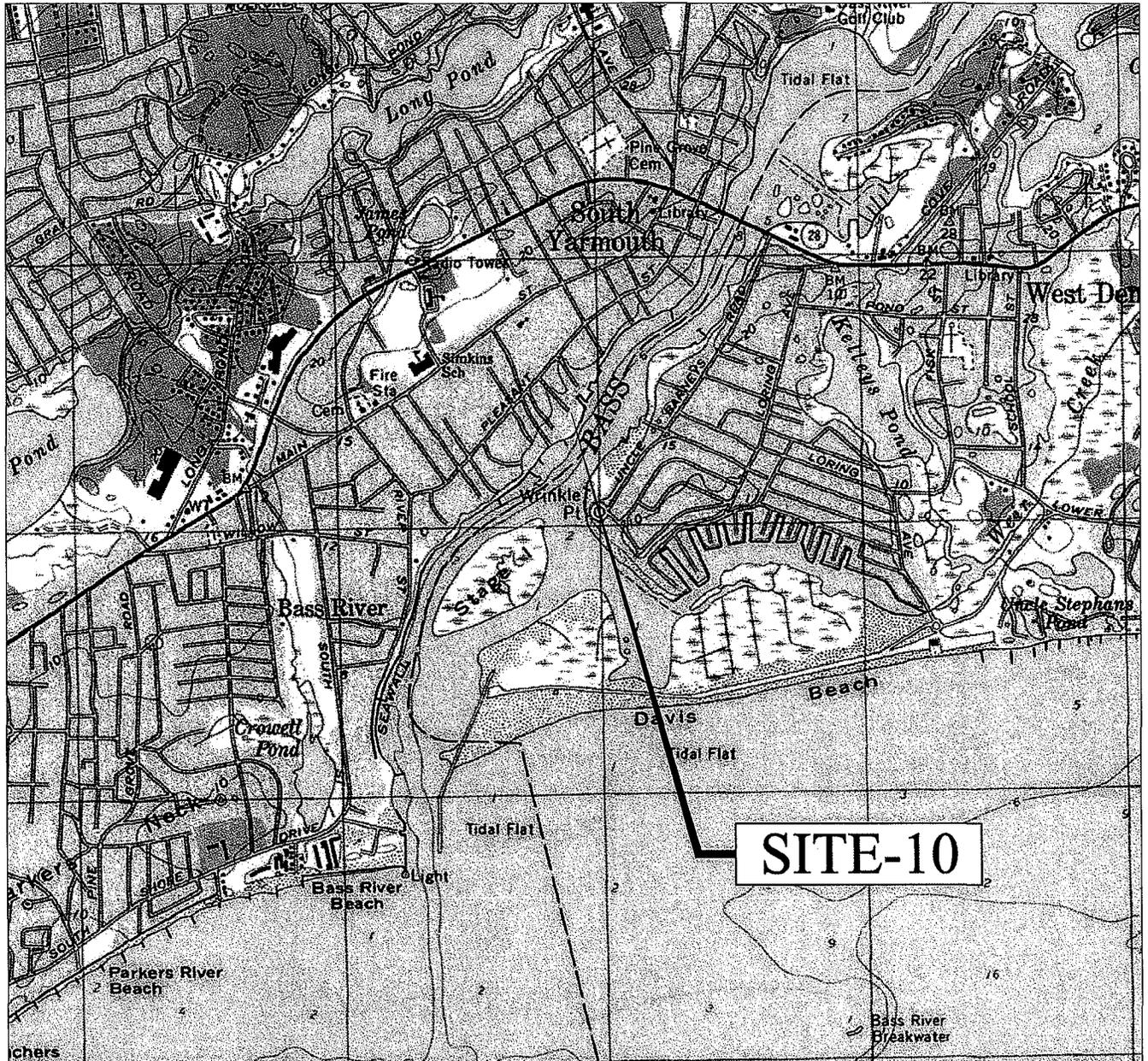


NOTES:  
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 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>25</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 9 – Grove Street Locus Map		
		DESIGNED	GD	10 YR Comprehensive Permit and Beach Nourishment	JOB NO.  6605
		TECHNICIAN	GD		
CHECKED	FP				
		DATE	April 27, 2009		

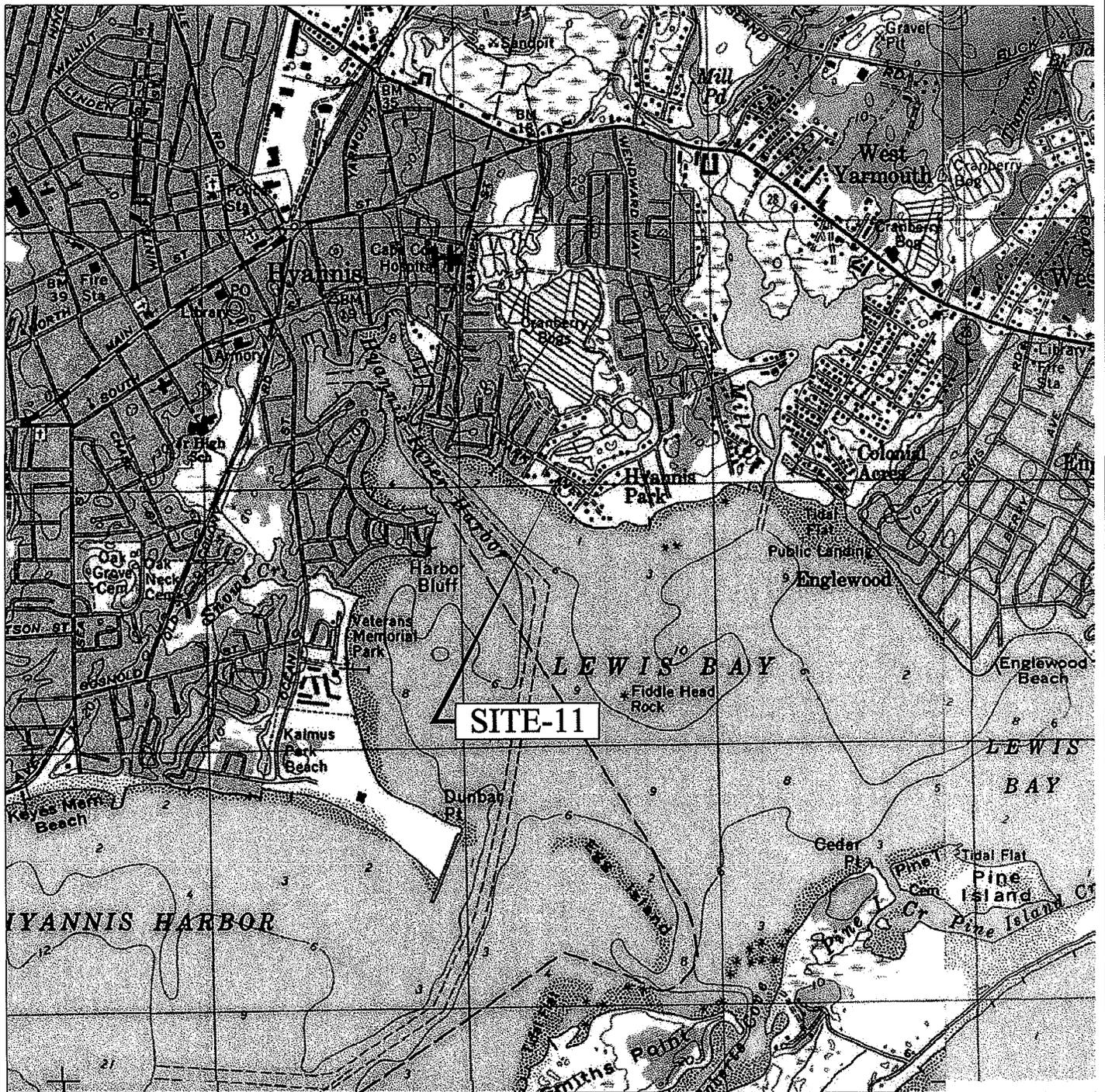


NOTES:  
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SCALE: 1" = 2000'



<b>FIGURE</b>  <b>28</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	<b>DATE</b> April 27, 2009	<b>Site 10 – Homer Avenue          Locus Map</b>	<b>REVISIONS:</b> <table border="1" style="width: 100%; height: 40px;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>				
<b>DESIGNED</b> GD <b>TECHNICIAN</b> GD <b>CHECKED</b> FP	<b>10 YR Comprehensive Permit and          Beach Nourishment</b>	<b>JOB NO.</b> 6605						

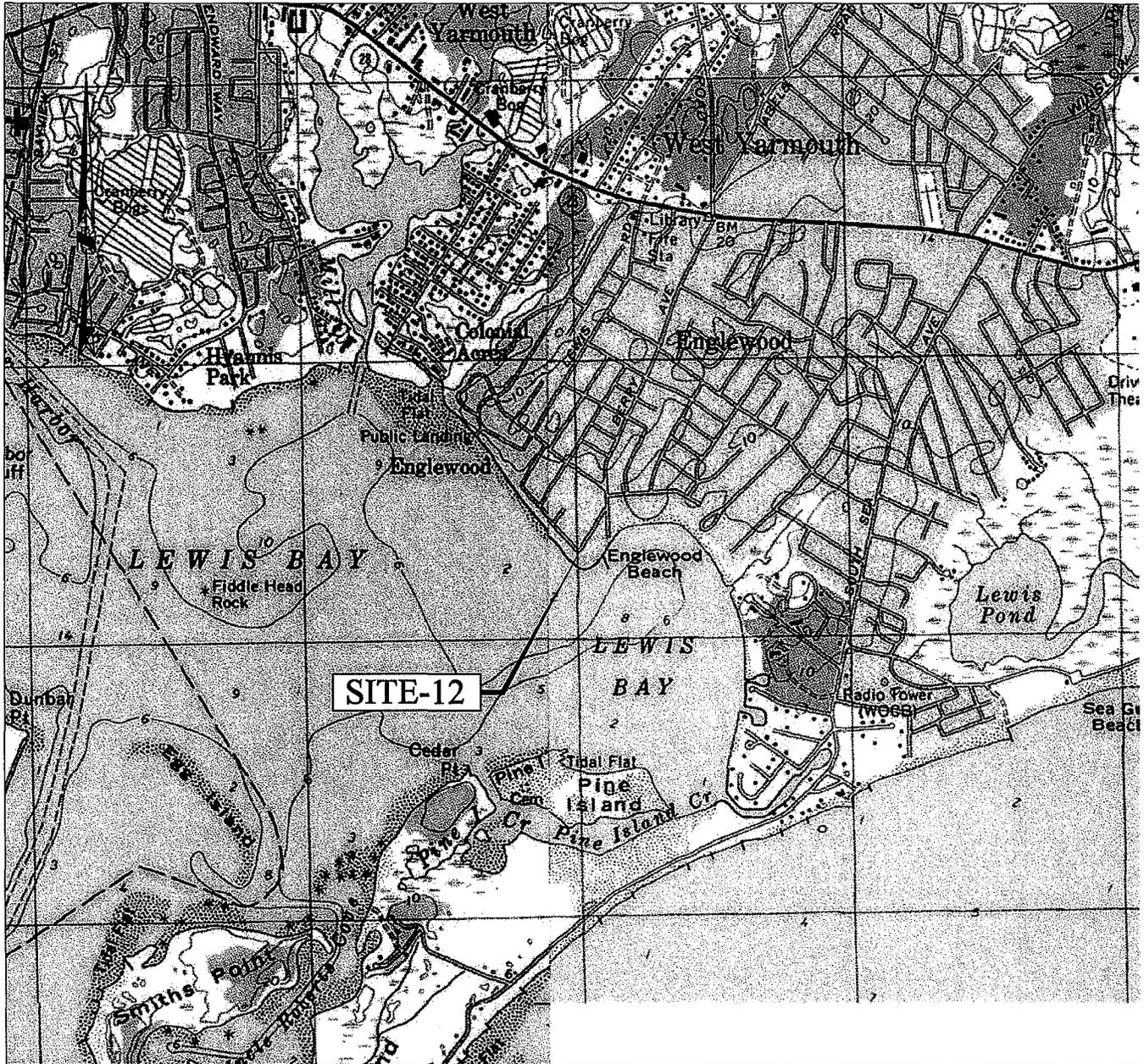


NOTES:  
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SCALE: 1" = 2000'



<b>FIGURE</b>  <b>31</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	<b>DATE</b> April 27, 2009	<b>Site 11 – Malfa Road</b> Locus Map	
		<b>DESIGNED</b> GD	10 YR Comprehensive Permit and Beach Nourishment	<b>JOB NO.</b> 6605
		<b>TECHNICIAN</b> GD <b>CHECKED</b> FP		



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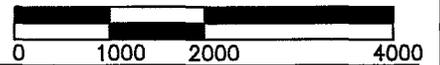


<b>FIGURE</b>  <b>34</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 723-0070	DATE	Site 12—New Hampshire Avenue Locus Map	REVISIONS: <hr/> <hr/> <hr/> <hr/> <hr/>		
		DESIGNED	GD		10 YR Comprehensive Permit and Beach Nourishment	JOB NO.
		TECHNICIAN	GD			6605
CHECKED	FP					

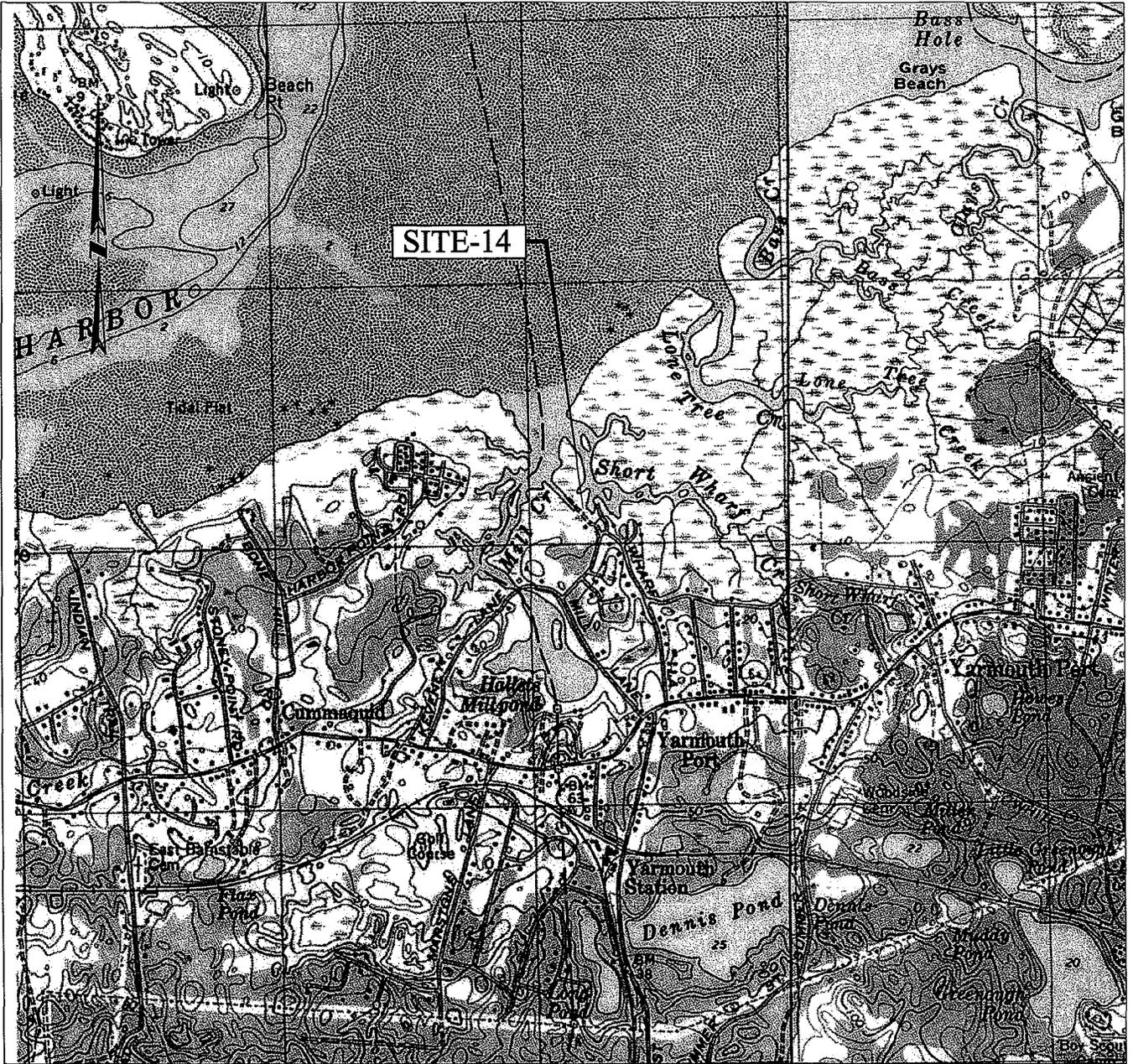


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<b>FIGURE</b>  <b>37</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 13 – River Street Locus Map	REVISIONS: <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
		DESIGNED	10 YR Comprehensive Permit and Beach Nourishment		JOB NO.
		CHECKED	6605		
		April 27, 2009			
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		GD			
		FP			



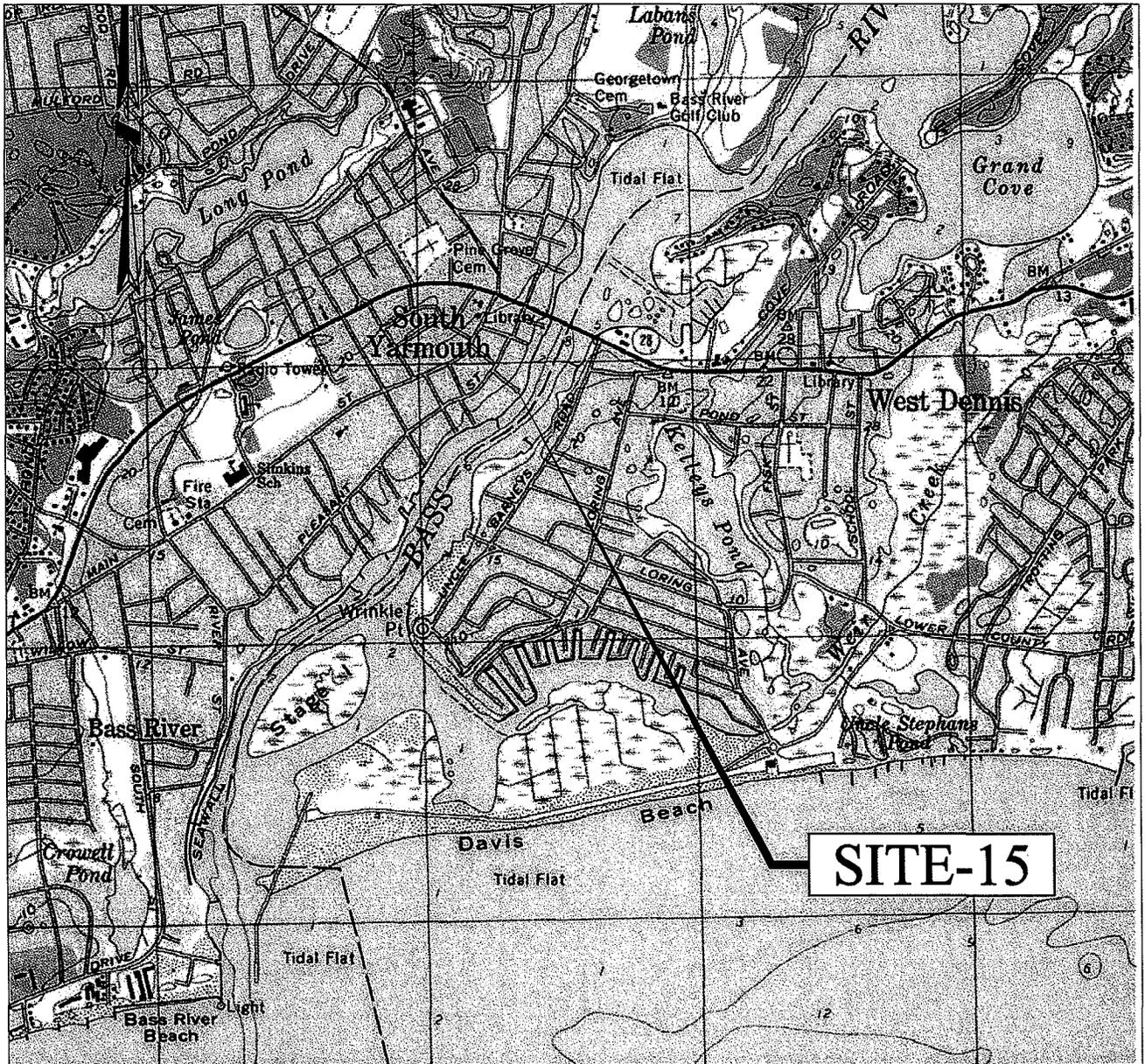
SITE-14

NOTES:  
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<b>FIGURE</b>  <b>40</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	DATE	Site 14 – Short Wharf Creek Locus Map	REVISIONS: <hr/> <hr/> <hr/> <hr/> <hr/>		
		DESIGNED	GD		10 YR Comprehensive Permit and Beach Nourishment	JOB NO.
		TECHNICIAN	GD			6605
CHECKED	FP					

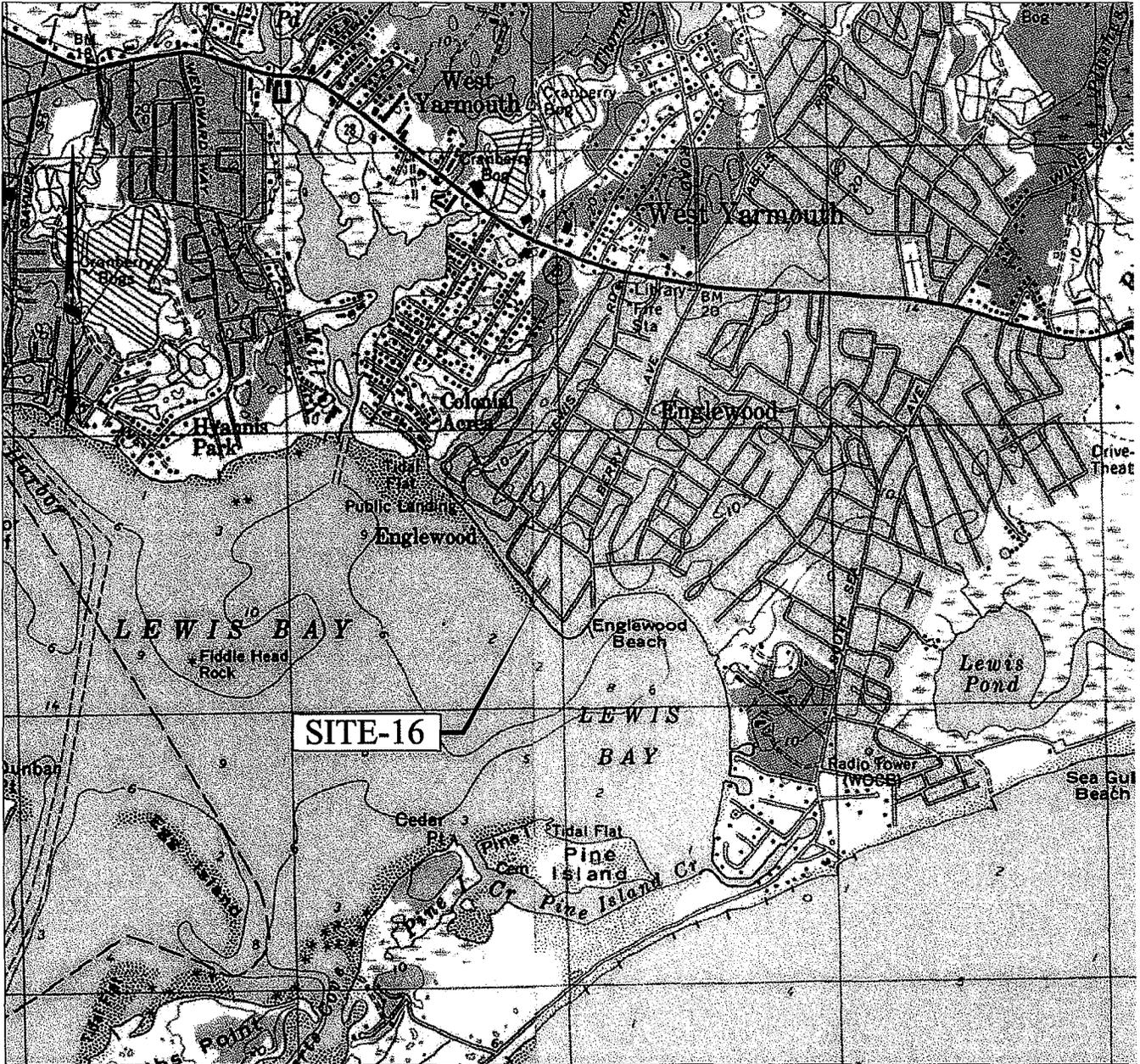


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<b>FIGURE</b>  <b>43</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 15 - Akin Avenue Town Landing	REVISIONS: <hr/> <hr/> <hr/> <hr/> <hr/>
		DESIGNED	GD	
		TECHNICIAN	GD	
		CHECKED	FP	

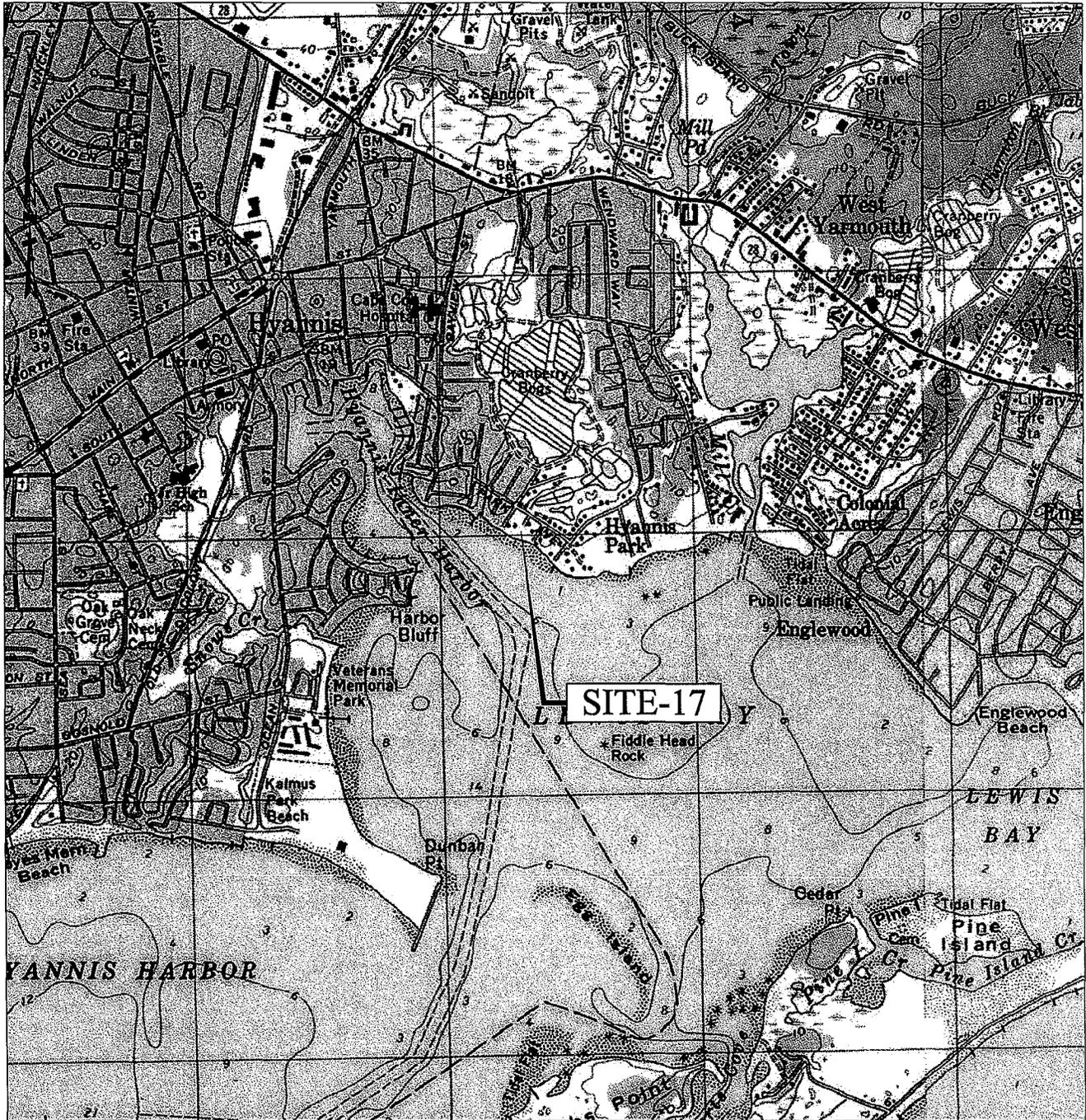


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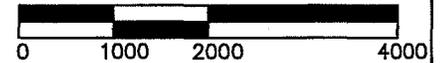


<b>FIGURE</b>  <b>46</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	DATE	Site 16—Vermont Avenue	REVISIONS: <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
		April 27, 2009	Locus Map	
		DESIGNED GD	10 YR Comprehensive Permit and Beach Nourishment	
TECHNICIAN GD	JOB NO.	6605		
CHECKED FP				



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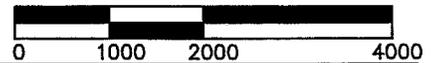


<b>FIGURE</b>  <b>49</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 17 – Vernon Street		
		April 27, 2009	Locus Map		
		DESIGNED GD	10 YR Comprehensive Permit and Beach Nourishment		JOB NO.
TECHNICIAN GD	6605				
CHECKED FP					

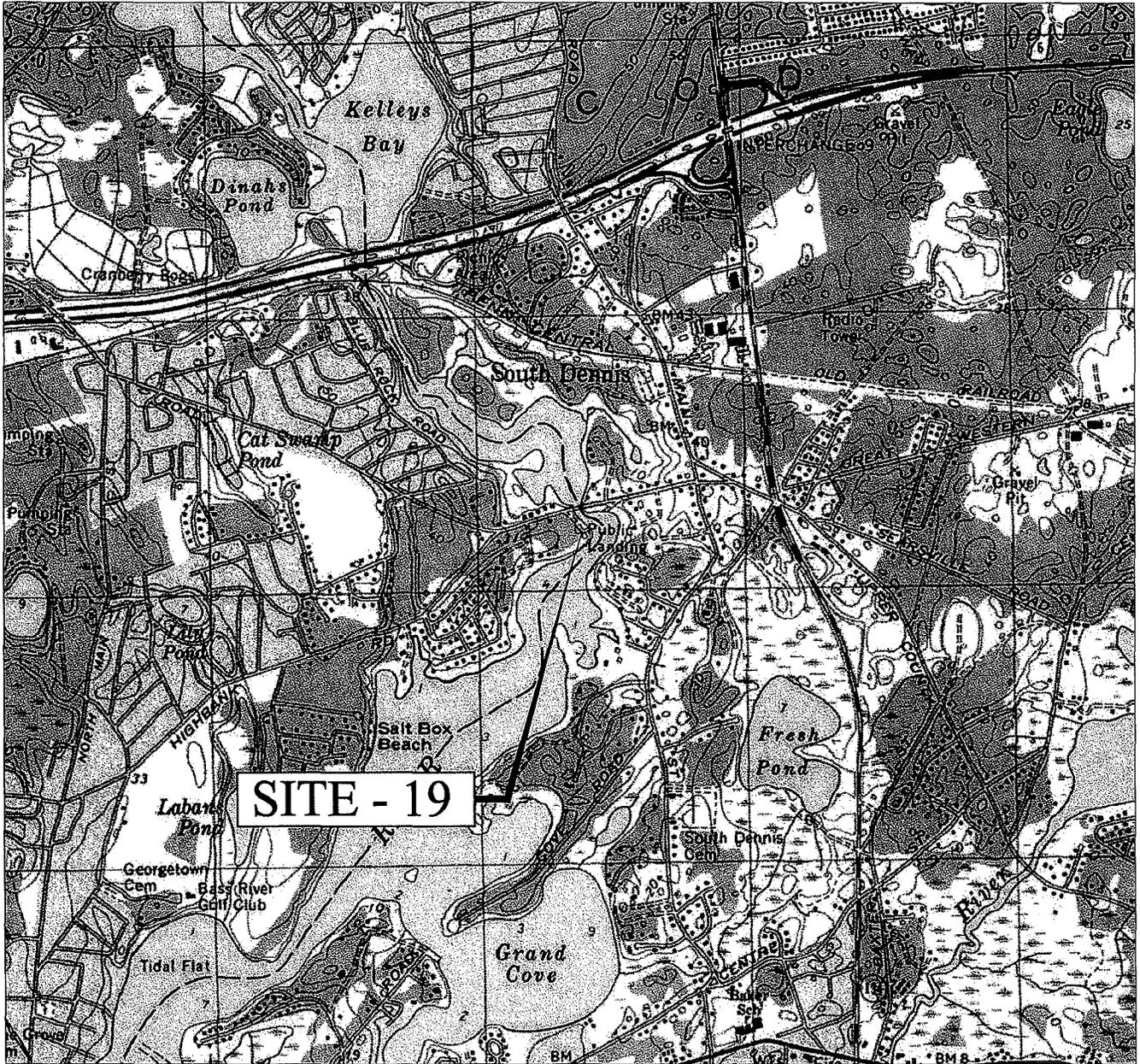


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 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>52</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 18 – Windmill Park  Locus Map  10 YR Comprehensive Permit and Beach Nourishment	JOB NO.  6605	REVISIONS:	
		DESIGNED			GD	
		TECHNICIAN			GD	
	CHECKED	FP				

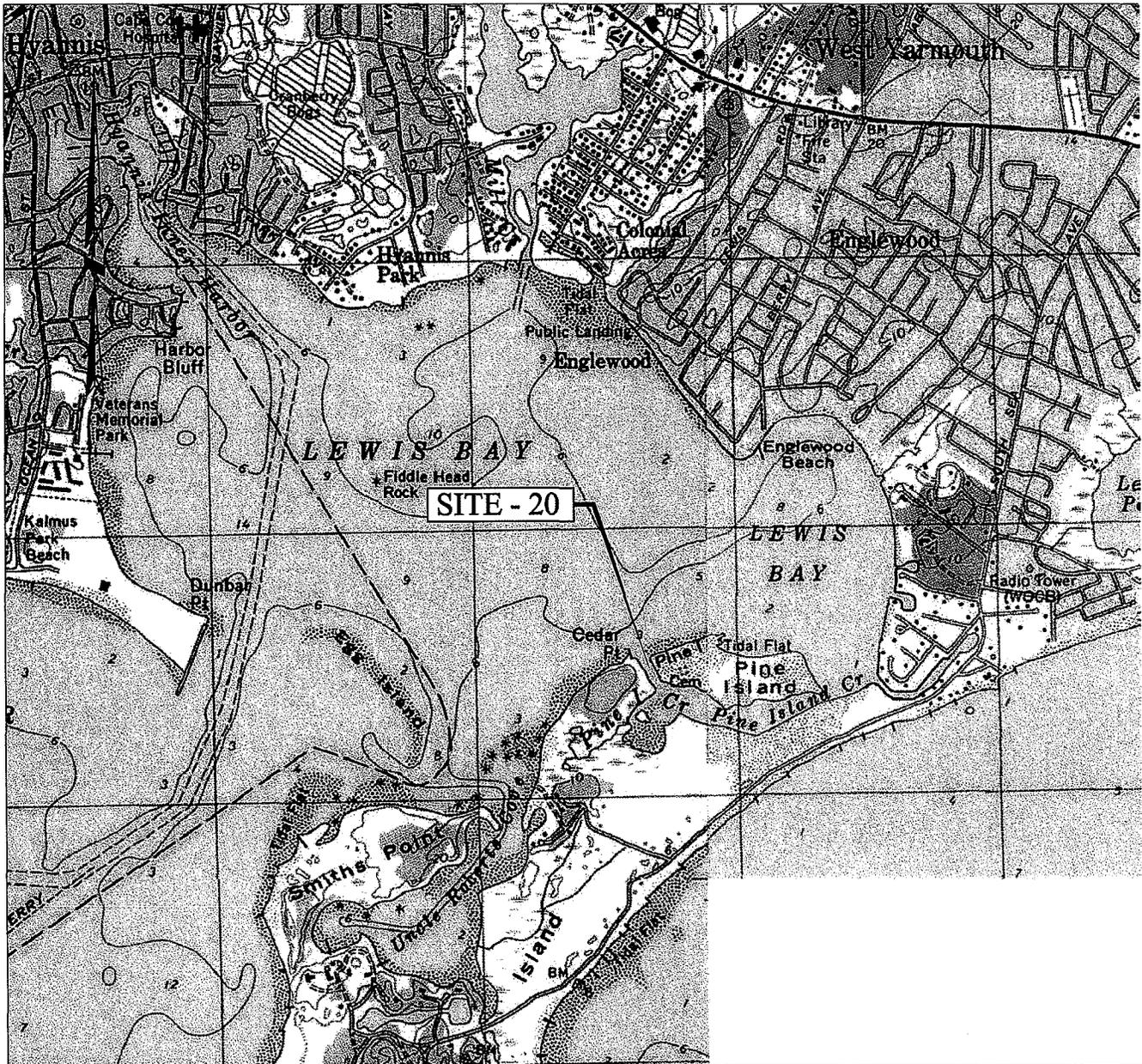


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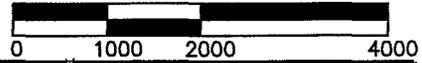


<b>FIGURE</b>  <b>55</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 19—Wilbur Park at Highbank Road Locus Map	REVISIONS: <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
		March 26, 2009			
		DESIGNED GD	10 YR Comprehensive Permit and Beach Nourishment		JOB NO.
		TECHNICIAN GD			6605
CHECKED FP					

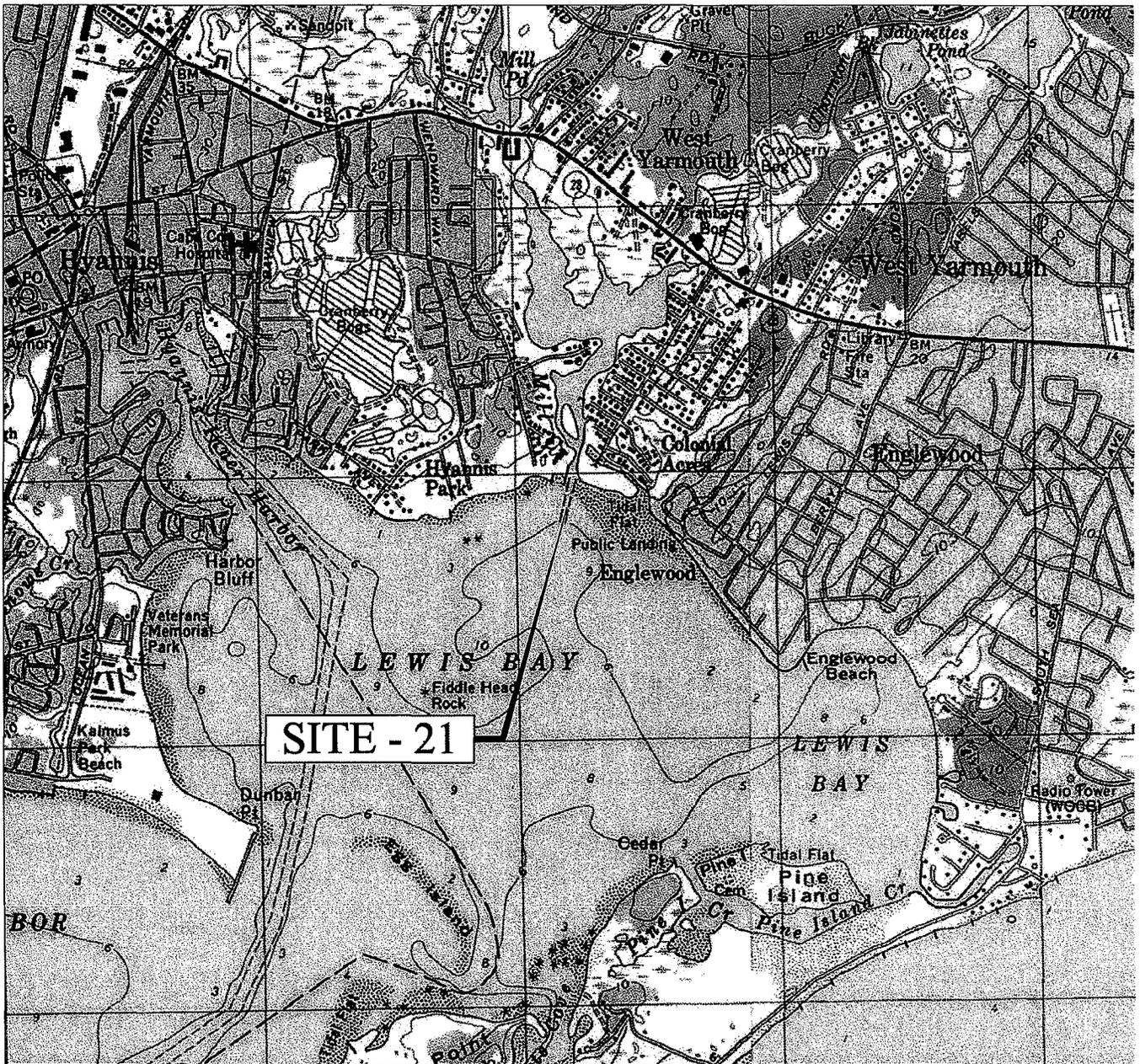


NOTES:  
 1. THIS PLAN WAS COMPILED FROM  
 USGS MAPS OBTAINED FROM THE  
 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>58</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	April 27, 2009	Site 20 – Pine Island Entrance Channel Locus Map	REVISIONS: _____ _____ _____ _____ _____		
		DESIGNED	GD			10 YR Comprehensive Permit and Beach Nourishment	JOB NO.  6605
		TECHNICIAN	GD				
	CHECKED	FP					

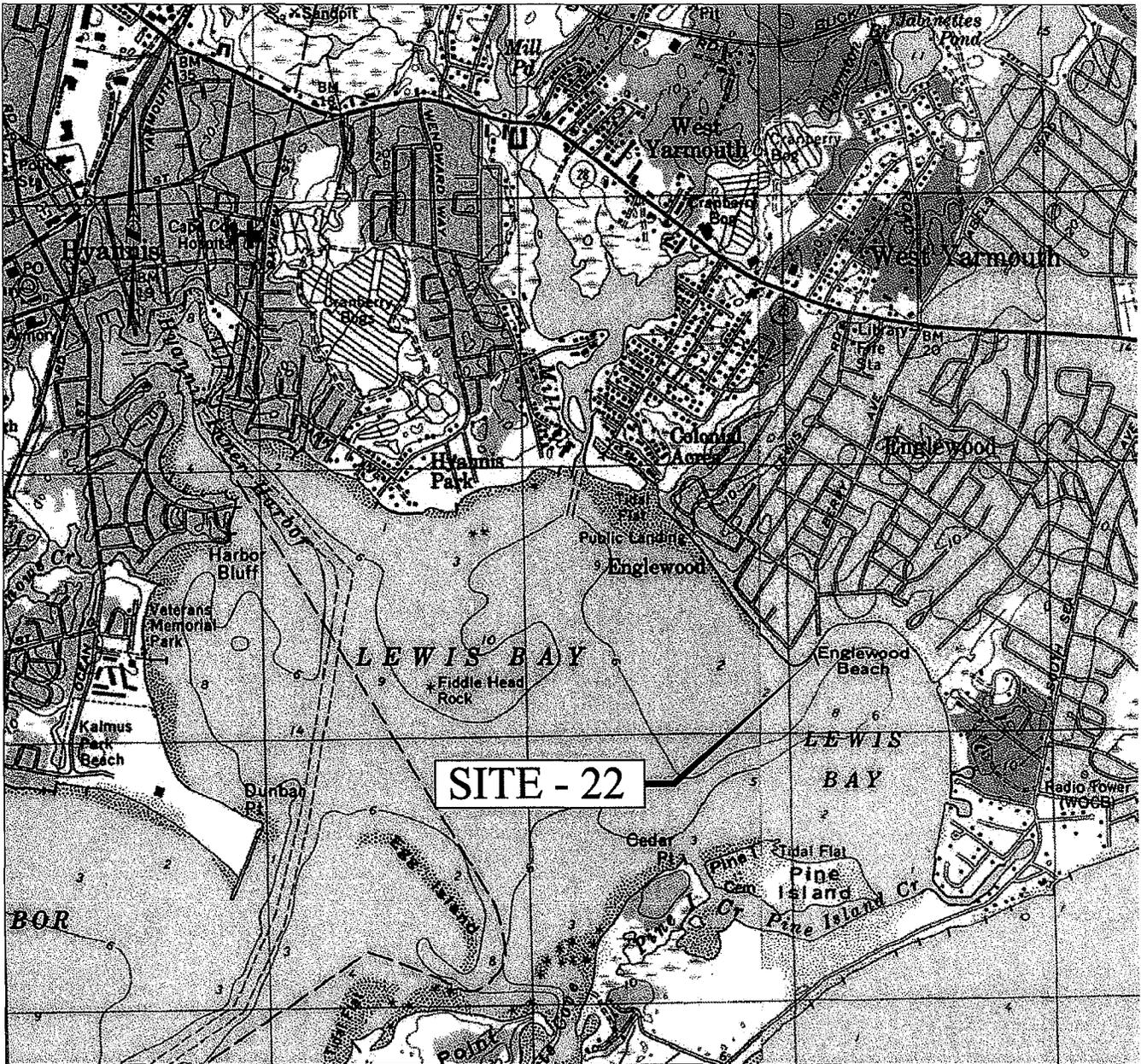


NOTES:  
 1. THIS PLAN WAS COMPILED FROM USGS MAPS OBTAINED FROM THE MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>61</b>	 116 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 21 – Englewood Entrance Channel Locus Map	REVISIONS: <hr/> <hr/> <hr/> <hr/> <hr/>	
		DESIGNED	GD		10 YR Comprehensive Permit and Beach Nourishment
		TECHNICIAN	GD		
		CHECKED	FP	JOB NO. 6605	



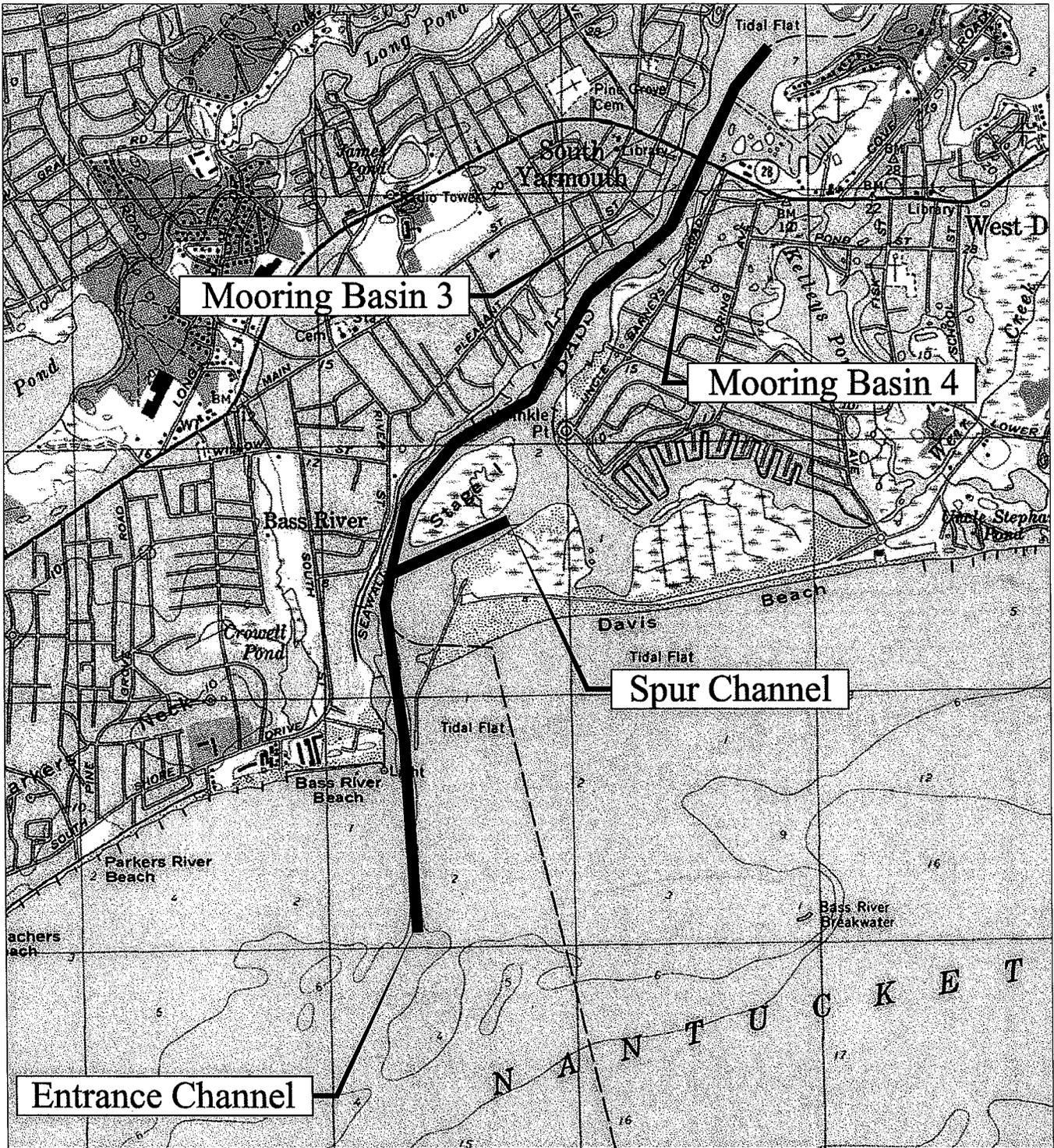
NOTES:  
 1. THIS PLAN WAS COMPILED FROM  
 USGS MAPS OBTAINED FROM THE  
 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>64</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 22 and 23 - Englewood Basin and Boat Ramp		REVISIONS:	
		DESIGNED	Locus Map			
		TECHNICIAN	10 YR Comprehensive Permit and Beach Nourishment			JOB NO.
		APRIL 27, 2009		6605		
		CHECKED	GD			
			GD			
			FP			



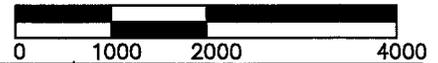


NOTES:  
 1. THIS PLAN WAS COMPILED FROM USGS MAPS OBTAINED FROM THE MASSGIS DATABASE.

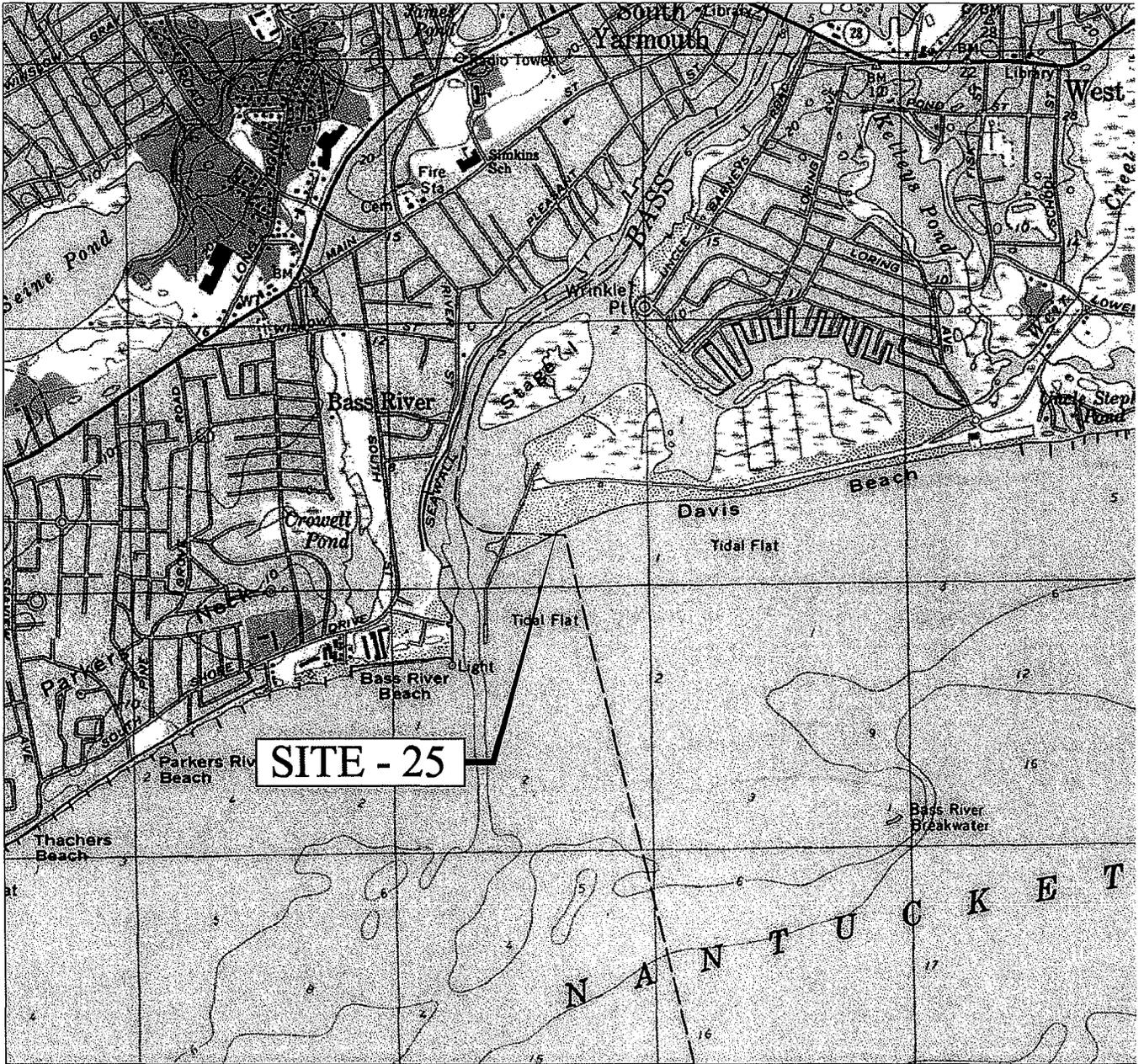
LEGEND

 DREDGE AREA

SCALE: 1" = 2000'

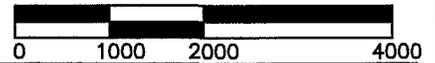


<b>FIGURE</b>  <b>70</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE April 27, 2009	Site 24 – Bass River Navigational Channel & Mooring Basins Proposed Dredging Area		REVISIONS:     
		DESIGNED GD TECHNICIAN GD CHECKED FP	10 YR Comprehensive Permit and Beach Nourishment	JOB NO. 6605	



NOTES:  
 1. THIS PLAN WAS COMPILED FROM USGS MAPS OBTAINED FROM THE MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>72</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 25 – West Dennis Beach		REVISIONS:
		April 27, 2009	Locus Map		
		DESIGNED GD	10 YR Comprehensive Permit and Beach Nourishment	JOB NO. 6605	
		TECHNICIAN GD			
CHECKED FP					



NOTES:  
 1. THIS PLAN WAS COMPILED FROM  
 USGS MAPS OBTAINED FROM THE  
 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>75</b>	 116 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 26 – South Middle Beach		REVISIONS:
		DESIGNED	Locus Map		
		DATE	10 YR Comprehensive Permit and Beach Nourishment		
		DESIGNED	JOB NO.		
		TECHNICIAN	6605		
		CHECKED			

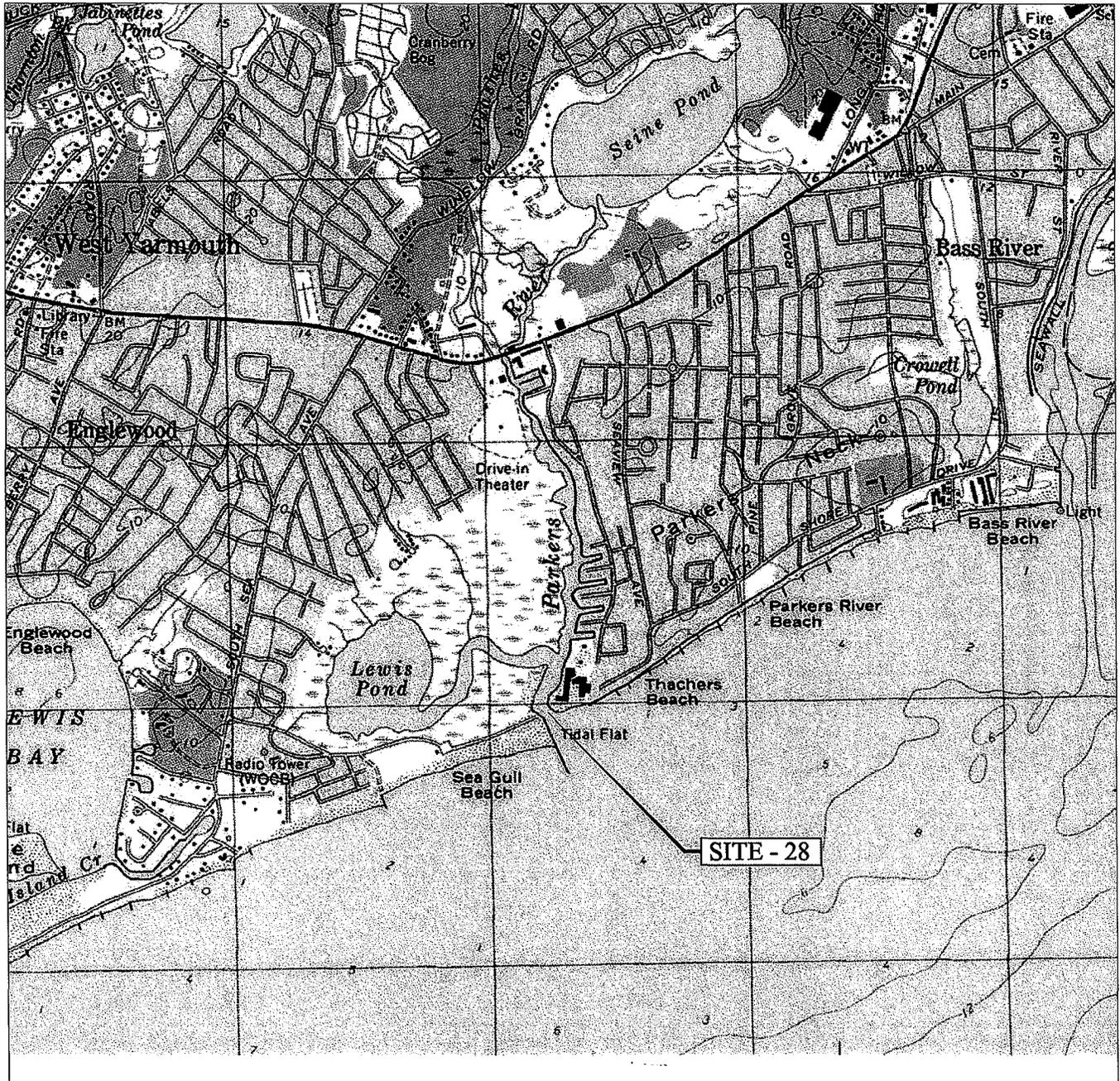


NOTES:  
 1. THIS PLAN WAS COMPILED FROM USGS MAPS OBTAINED FROM THE MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>78</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	<b>DATE</b> April 27, 2009	<b>Site 27 – Bass River          Beach          Locus Map</b>	<b>REVISIONS:</b> _____ _____ _____ _____ _____	
		<b>DESIGNED</b> GD	<b>10 YR Comprehensive Permit and          Beach Nourishment</b>		<b>JOB NO.</b> 6605
		<b>TECHNICIAN</b> GD <b>CHECKED</b> FP			

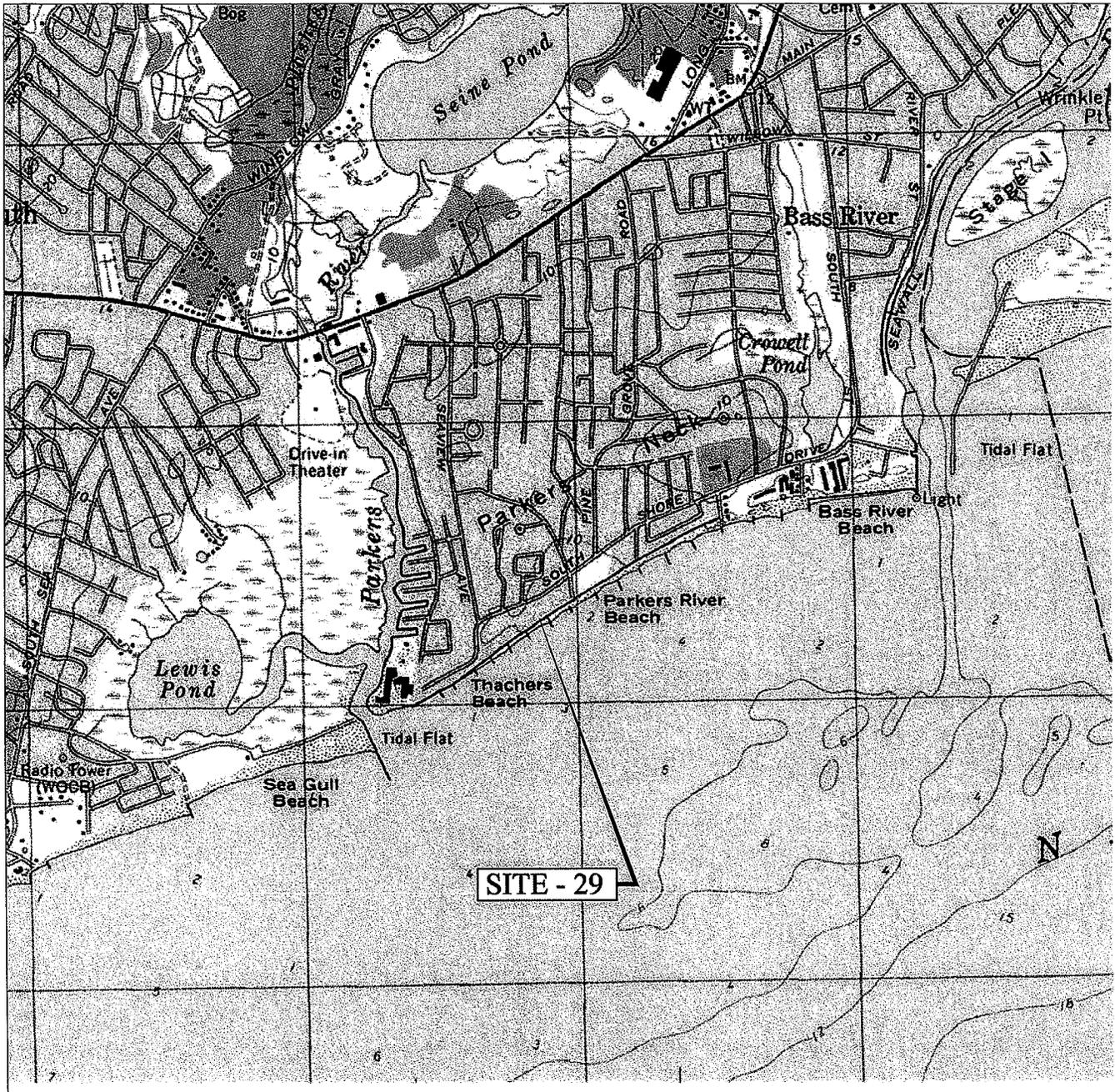


NOTES:  
 1. THIS PLAN WAS COMPILED FROM  
 USGS MAPS OBTAINED FROM THE  
 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>81</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	<b>DATE</b> April 27, 2009	<b>Site 28 – Parker's River</b>		<b>REVISIONS:</b> _____ _____ _____ _____ _____	
		<b>DESIGNED</b> GD <b>TECHNICIAN</b> GD <b>CHECKED</b> FP	<b>Locus Map</b>			<b>JOB NO.</b> 6605
		<b>10 YR Comprehensive Permit and          Beach Nourishment</b>		<b>JOB NO.</b> 6605		

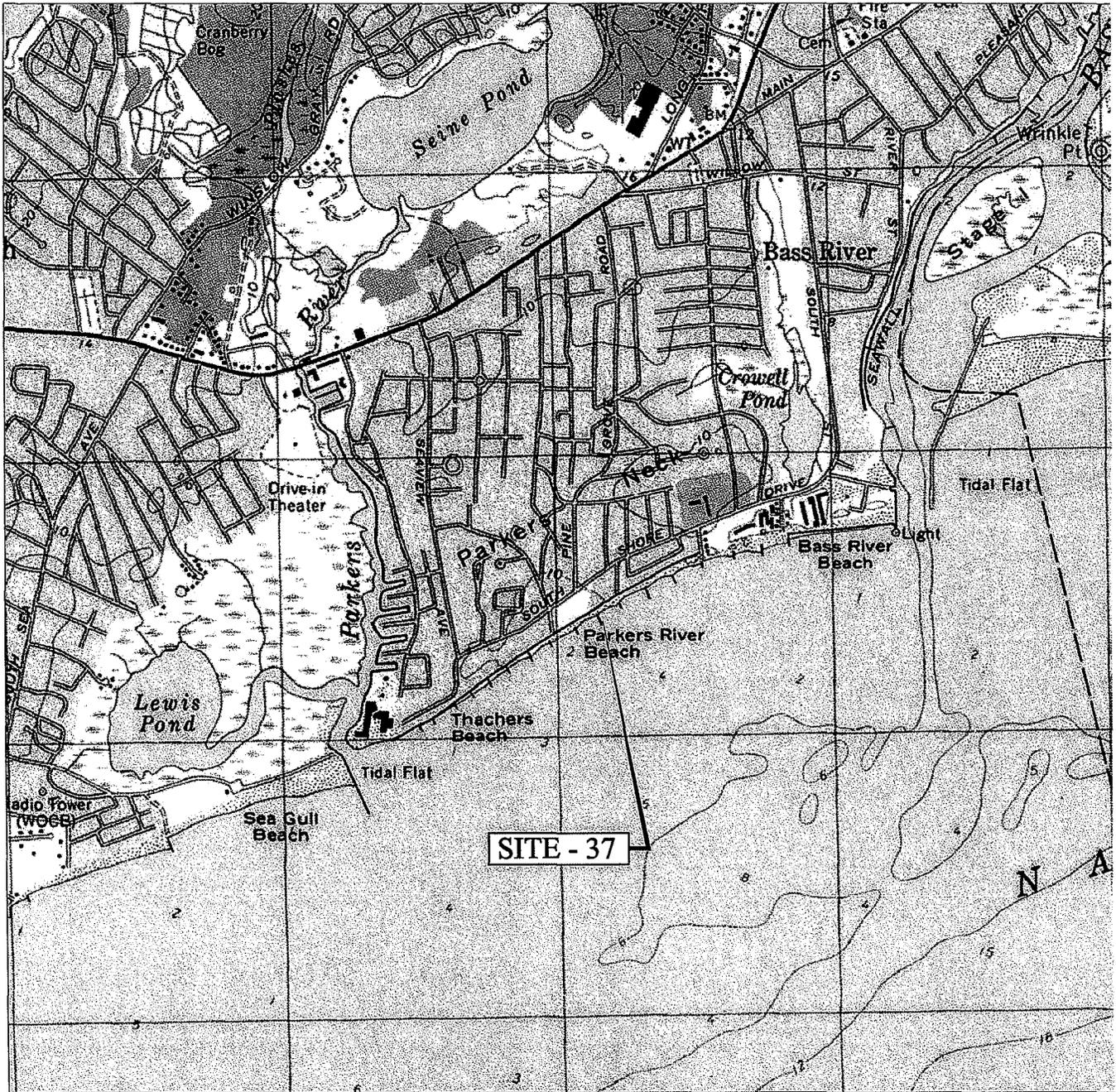


NOTES:  
 1. THIS PLAN WAS COMPILED FROM  
 USGS MAPS OBTAINED FROM THE  
 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>84</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE April 27, 2009	Site 29 – Seaview Beach		REVISIONS: _____ _____ _____ _____ _____
		DESIGNED GD TECHNICIAN GD CHECKED FP	Locus Map  10 YR Comprehensive Permit and Beach Nourishment		JOB NO. 6605

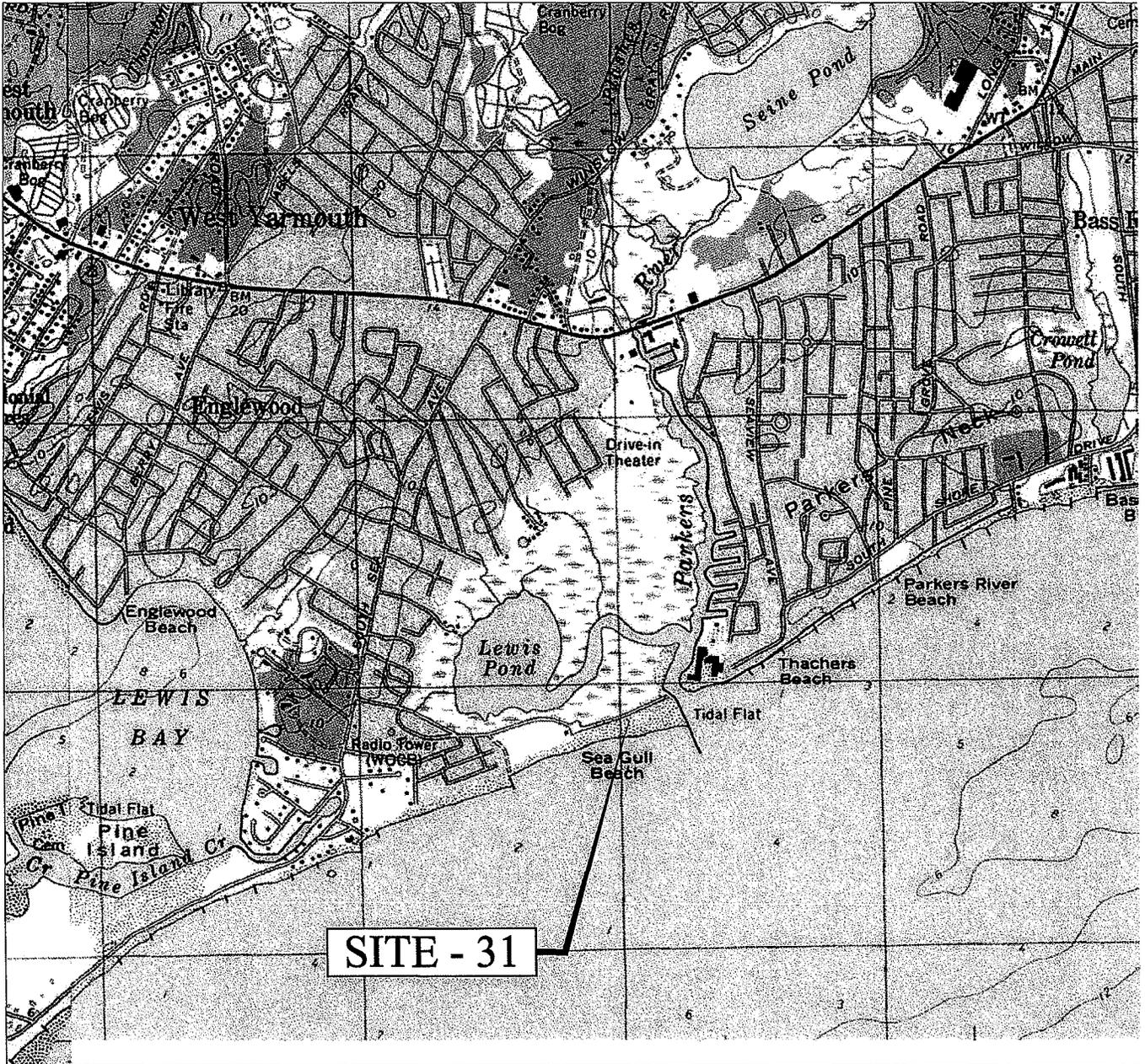


NOTES:  
 1. THIS PLAN WAS COMPILED FROM USGS MAPS OBTAINED FROM THE MASSGIS DATABASE.

SCALE: 1" = 2000'

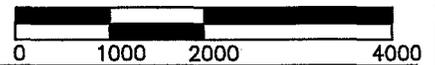


<b>FIGURE</b>  <b>87</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	<b>DATE</b> April 27, 2009	<b>Site 30 – Parker’s River Beach</b>		<b>REVISIONS:</b>      
		Locus Map		<b>JOB NO.</b> 6605	
		<b>DESIGNED</b> GD <b>TECHNICIAN</b> GD <b>CHECKED</b> FP	<b>10 YR Comprehensive Permit and Beach Nourishment</b>		

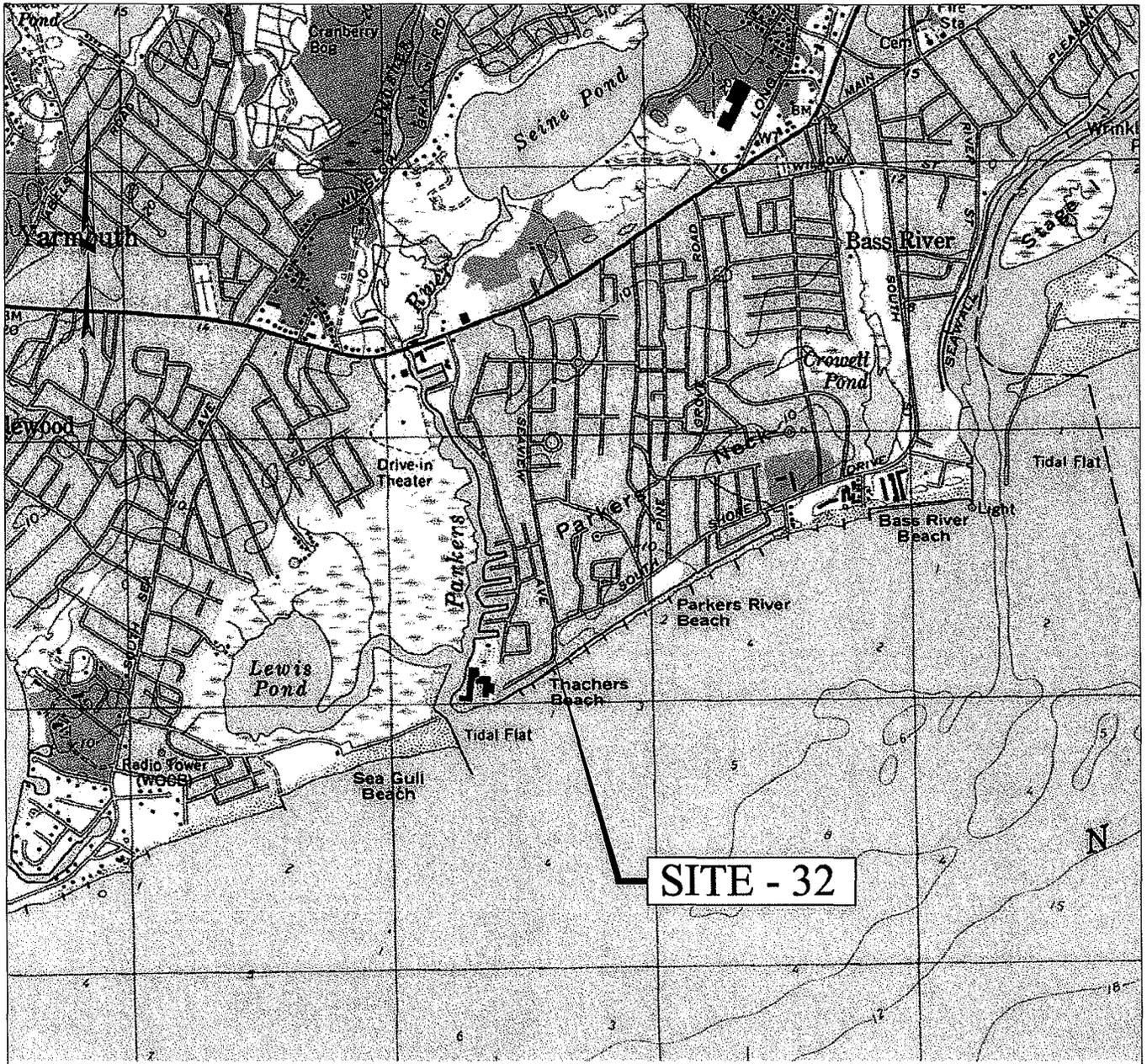


NOTES:  
 1. THIS PLAN WAS COMPILED FROM  
 USGS MAPS OBTAINED FROM THE  
 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>90</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 31 - Sea Gull Beach Dune		REVISIONS:	
		DESIGNED	GD	Locus Map		
		TECHNICIAN	GD	10 YR Comprehensive Permit and Beach Nourishment		JOB NO.
		CHECKED	FP	6605		

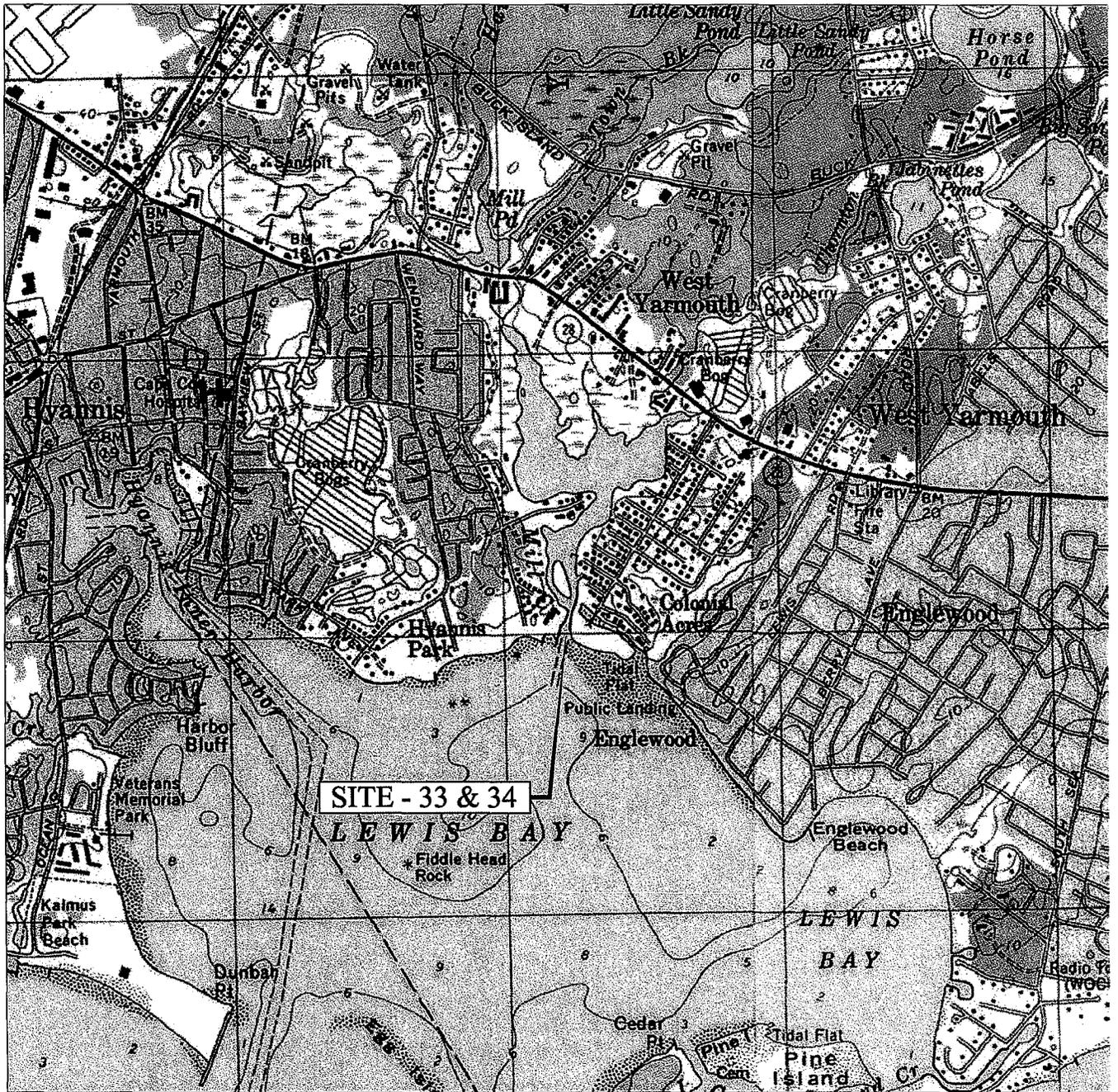


NOTES:  
 1. THIS PLAN WAS COMPILED FROM  
 USGS MAPS OBTAINED FROM THE  
 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>93</b>	 116 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 32 – Thachers Beach		REVISIONS:
		April 27, 2009	Locus Map		
		DESIGNED GD	10 YR Comprehensive Permit and Beach Nourishment	JOB NO.	
TECHNICIAN GD	6605				
CHECKED FP					

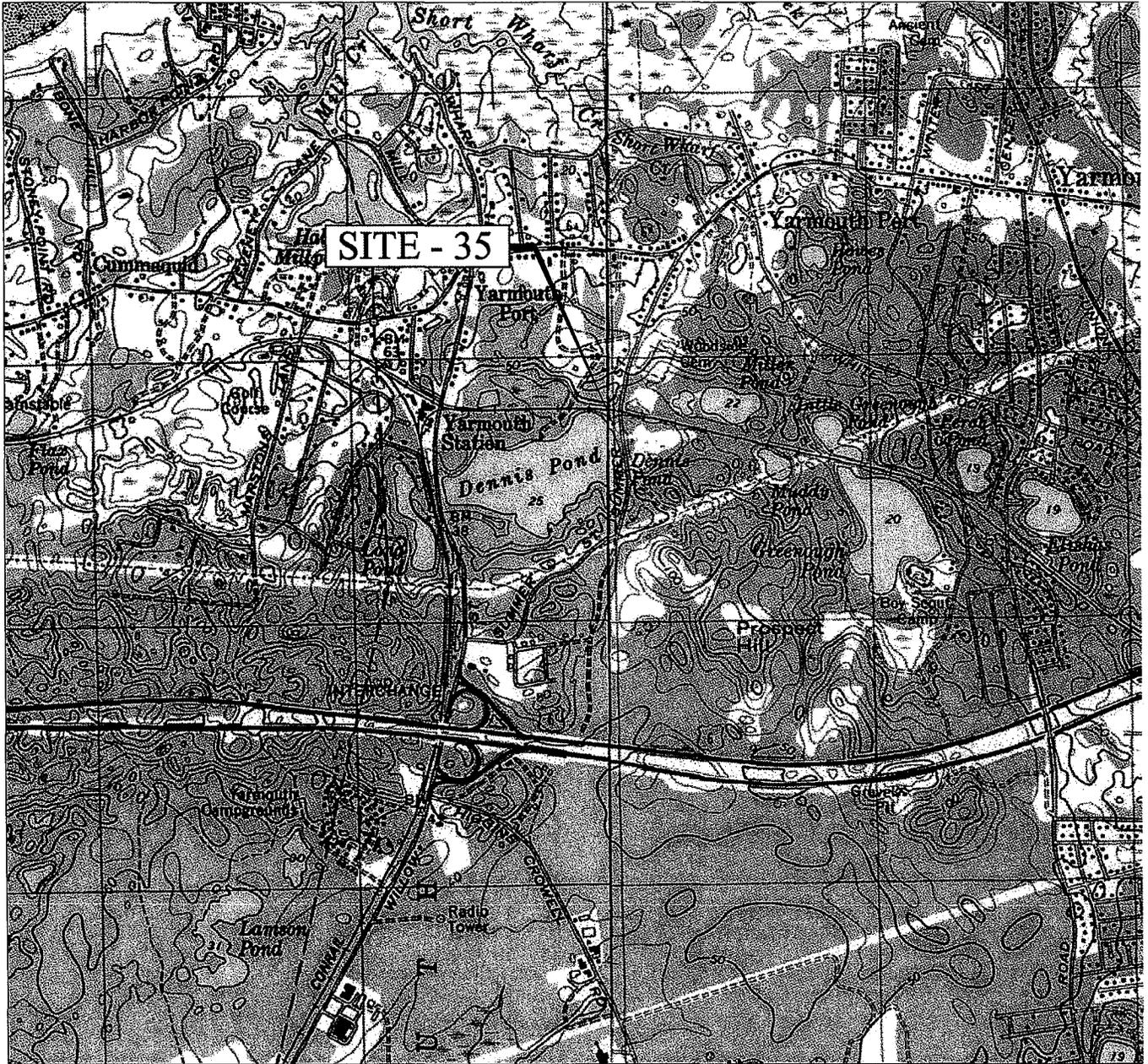


NOTES:  
 1. THIS PLAN WAS COMPILED FROM  
 USGS MAPS OBTAINED FROM THE  
 MASSGIS DATABASE.

SCALE: 1" = 2000'

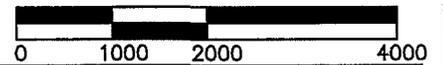


<b>FIGURE</b>  <b>96</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 33 and 34 – Colonial Acres		REVISIONS:	
		DESIGNED	GD	Beach		JOB NO.
		TECHNICIAN	GD	Locus Map		
CHECKED	FP	10 YR Comprehensive Permit and Beach Nourishment				



NOTES:  
 1. THIS PLAN WAS COMPILED FROM  
 USGS MAPS OBTAINED FROM THE  
 MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>99</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070 <b>Apex</b> COMPANIES, LLC.	DATE	Site 35 – Dennis Pond	REVISIONS: _____ _____ _____ _____ _____ _____	
		April 27, 2009	Locus Map		
		DESIGNED GD	10 YR Comprehensive Permit and Beach Nourishment		JOB NO.
		TECHNICIAN GD			6605
CHECKED FP					



NOTES:  
 1. THIS PLAN WAS COMPILED FROM USGS MAPS OBTAINED FROM THE MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>102</b>	 116 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE April 27, 2009	Site 36 – Little Sandy Pond Locus Map	REVISIONS: _____ _____ _____ _____ _____	
		DESIGNED GD	10 YR Comprehensive Permit and Beach Nourishment		JOB NO. 6605
		TECHNICIAN GD CHECKED FP			



**SITE - 37**

NOTES:  
 1. THIS PLAN WAS COMPILED FROM USGS MAPS OBTAINED FROM THE MASSGIS DATABASE.

SCALE: 1" = 2000'



<b>FIGURE</b>  <b>105</b>	 115 BROAD STREET SUITE 200 BOSTON, MA 02110 (617) 728-0070	DATE	Site 37 – Wings Grove Park at Long Pond Locus Map		REVISIONS:	
		April 27, 2009	DESIGNED	GD	JOB NO. 6605	_____
			TECHNICIAN	GD		_____
	CHECKED	FP	_____			
		10 YR Comprehensive Permit and Beach Nourishment			_____	