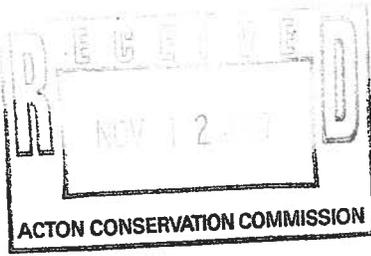


Form 3



DEP File No.

[Empty box for DEP File No.]

(To be provided by DEP)

City/Town ACTON

Applicant THOMAS M. MURPHY

Commonwealth of Massachusetts

Department of Defense United States of America

Notice of Intent - Under the Massachusetts Wetlands Protection Act, G.L. c. 131, §40 and Application for a Department of the Army Permit

Part I: General Information

1. Location: Street Address 415 ARLINGTON ST.  
Lot Number pct. 10

2. Project: Type INLAND Description REPLACE EXISTING SEPTIC SYSTEM. ALL WORK WILL BE IN THE BUFFER ZONE. (SEE ATTACHED SITE PLAN)

3. Registry: County Midd. Current Book 10349 & Page 187  
Certificate (if Registered Land) \_\_\_\_\_

4. Applicant THOMAS M. MURPHY Tel (978)263-2202  
Address 415 ARLINGTON ST. ACTON, MA.

5. Property Owner THOMAS M. MURPHY Tel (978)263-2202  
Address 415 ARLINGTON ST ACTON, MA.

6. Representative \_\_\_\_\_ Tel. \_\_\_\_\_  
Address \_\_\_\_\_

7. a. Have the Conservation Commission and the Department's Regional Office each been sent, by certified mail or hand deliver, 2 copies of completed Notice of Intent, with supporting plans and documents?

Yes  No

b. Has the fee been submitted? Yes  No

c. Total Filing Fee Submitted \$ 55.00

d. City/Town Share of Filing Fee \$40.00 State Share of Filing Fee \$15.00  
(sent to City/Town) (1/2 of fee in excess of \$25, sent to DEP)

e. Is a brief statement attached indicating how the applicant calculated the fee?  Yes  No

8. Have all obtainable permits, variances and approvals required by local by-law been obtained? Yes  No

Obtained	Applied For:	Not Applied For:
BOARD OF HEALTH		

9. Is any portion of the site subject to a Wetlands Restriction Order pursuant to G.L. c. 131, §40A or G.L. c. 130, §105? Yes  No

10. List all plans and supporting documents submitted with this Notice of Intent.

Identifying Number/Letter	Title, Date
L-1	SITE LOCUS
S-1	SEPTIC DESIGN PLAN, 10/97.

11. Check those resource areas within which work is proposed:

- (a)  Buffer Zone
- (b) Inland:
  - Bank\*
  - Bordering Vegetated Wetland\*
  - Land Under Water Body & Waterway\*
- (c) Coastal:
  - Land Under the Ocean\*
  - Coastal Beach\*
  - Barrier Beach\*
  - Rocky Intertidal Shore\*
  - Land Under Salt Pond\*
  - Fish Run\*

- Land Subject to Flooding
  - Bordering
  - Isolated
- Designated Port Area\*
- Coastal Dune
- Coastal Bank
- Salt Marsh\*
- Land Containing Shellfish\*

\*Likely to involve U.S. Army Corps of Engineers concurrent jurisdiction. See General Instructions for Completing Notice of Intent.

12. Is the project within estimated habitat which is indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands Wildlife (if any) published by the Natural Heritage and Endangered Species Program?

YES [ ] NO [] Date printed on the Estimated Habitat Map  
 NO MAP AVAILABLE [ ] (if any) 1996

If yes, have you sent a copy of the Notice of Intent to the Natural Heritage and Endangered Species Program via the U.S. Postal Service by certified or priority mail (or otherwise sent it in a manner that guarantees delivery within two days) no later than the date of the filing of this Notice of Intent with the conservation commission and the DEP regional office?

YES [ ] NO [ ]

If yes please attach evidence of timely mailing or other delivery to the Natural Heritage and Endangered Species Program.

**Part II: Site Description**

Indicate which of the following information has been provided (on a plan, in narrative description or calculations) to clearly, completely and accurately describe existing site conditions.

Identifying Number/Letter (of plan, narrative or calculations)	<u>Natural Features</u>
<u>S-1</u>	Soils
<u>S-1</u>	Vegetation
<u>S-1</u>	Topography
<u>N/A</u>	Open water bodies (including ponds and lakes)
<u>N/A</u>	Flowing water bodies (including streams and rivers)
<u>S-1</u>	Public and private surface water and ground water supplies on or within 100 feet of site
<u>S-1</u>	Maximum annual ground water elevations with dates and location of test
<u>S-1</u>	Boundaries of resource areas checked under Part 1, item 11 above
<u>N/A</u>	Other
	<u>Man-made Features:</u>
<u>S-1</u>	Structures (such as buildings, piers, towers and headwalls)
<u>S-1</u>	Drainage and flood control facilities at the site and immediately off the site, including culverts and open channels (with inverts), dams and dikes
<u>S-1</u>	Subsurface sewage disposal systems
<u>N/A</u>	Underground utilities

L-1, S-1 Roadways and parking areas  
S-1 Property boundaries, easements and rights-of-way  
N/A Other

Part III: Work Description

Indicate which of the following information has been provided (on a plan, in narrative description or calculations) to clearly, completely and accurately describe work proposed within each of the resource areas checked in Part I, item 11 above.

Identifying  
 Number/Letter  
 (of plan, narrative  
 or calculations)

S-1 Planview and Cross Section of:  
 Structures (such as buildings, piers, towers and headwalls)

N/A Drainage and flood control facilities, including culverts  
 and open channels (with inverts), dams and dikes

S-1 Subsurface sewage disposal systems & underground utilities

S-1 Filling, dredging and excavating, indicating volume and  
 composition of material

N/A Compensatory storage areas, where required in accordance  
 with Part III, Section 10.57(4) of the regulations.

N/A Wildlife habitat restoration or replication areas

N/A Other

N/A Point Source Discharge  
 Description of characteristics of discharge from point  
 source (both closed and open channel), when point of  
 discharge falls within resource area checked under Part I,  
 item 11 above, as supported by standard engineering  
 calculations, data and plans, including but not limited to  
 the following:

1. Delineation of the drainage area contributing to the point of discharge;
2. Pre- and post-development peak run-off from the drainage area, at the point of discharge, for at least the 10-year and 100-year frequency storm;
3. Pre- and post-development rate of infiltration contributing to the resource area checked under Part I, item 11 above;
4. Estimated water quality characteristics of pre- and post-development run-off at the point of discharge.

**Part IV: Mitigating Measures**

1. Clearly, completely and accurately describe, with reference to supporting plans and calculations where necessary:
  - (a) All measures and designs proposed to meet the performance standards set forth under each resource area specified in Part II or Part III of the regulations; or
  - (b) Why the presumptions set forth under each resource area specified in Part II or Part III of the regulations do not apply.

<input type="checkbox"/> Coastal <input type="checkbox"/> Inland	Resource Area Type:	Identifying number or letter of support documents
N/A		

<input type="checkbox"/> Coastal <input type="checkbox"/> Inland	Resource Area Type:	Identifying number or letter of support documents
N/A		

<input type="checkbox"/> Coastal <input type="checkbox"/> Inland	Resource Area Type:  Identifying number or letter of support documents

2. Clearly, completely and accurately describe, with reference to supporting plans and calculations where necessary:

- (a) all measures and designs to regulate work within the Buffer Zone so as to ensure that said work does not alter an area specified in Part I, Section 10.02(1)(a) of these regulations; or
- (b) if work in the Buffer Zone will alter such an area, all measures and designs proposed to meet the performance standards established for the adjacent resource area, specified in Part II or Part III of these regulations.

<input type="checkbox"/> Coastal <input checked="" type="checkbox"/> Inland	Resource Area Type Bordered By 100-Foot Discretionary Zone: <b>BORDERING VEGETATED WETLAND</b>	Identifying number or letter of support documents
<p>HAYBALES WILL BE PLACED BETWEEN THE WETLANDS AND THE LIMIT OF WORK.</p> <p>ALL WORK WILL BE DONE ON AN EXISTING LAWN AREA.</p>		<p>S-1</p> <p>S-1</p>

Part V: Additional Information for a Department of the Army Permit

1. COE Application No. \_\_\_\_\_  
(to be provided by COE)
  
2. \_\_\_\_\_  
(Name of waterway)
  
3. Names and addresses of property owners adjoining your property:
  
  
4. Document other project alternatives (i.e., other locations and/or construction methods, particularly those that would eliminate the discharge of dredged or fill material into waters or wetlands).
  
5. 8½" x 11" drawings in planview and cross-section, showing the resource area and the proposed activity within the resource area. Drawings must be to scale and should be clear enough for photocopying.

Certification is required from the Division of Water Pollution Control before the Federal permit can be issued. Certification may be obtained by contacting the Division of Water Pollution Control, 1 Winter Street, Boston, Massachusetts 02108.

Where the activity will take place within the area under the Massachusetts approved Coastal Zone Management Program, the applicant certifies that his proposed activity complies with and will be conducted in a manner that is consistent with the approved program.

Information provided will be used in evaluating the application for a permit and is made a matter of public record through issuance of a public notice. Disclosure of this information is voluntary; however, if necessary information is not provided, the application cannot be processed nor can a permit be issued.

I hereby certify under the pains and penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents and supporting data are true and complete, to the best of my knowledge.

  
Signature of Applicant

NOV 12, 1997  
Date

\_\_\_\_\_  
Signature of Applicant's Representative

\_\_\_\_\_  
Date

FORM  
MED 100 (TEST)  
1 MAY 82

"Exception to ENG Form 4345 approved by HQUSACE, 6 May 1982"

"This document contains a joint Department of the Army and State of Massachusetts application for a permit to obtain permission to perform activities in United States waters. The Office of Management and Budget(OMB) has approved those questions required by the US Army Corps of Engineers. OMB Number 0702-0036 and expiration date of 30 September 1983 applies". This statement will be set in 6 point type.



# Wetlands Filing Fee Calculation Worksheet

For Notices of Intent Filed under the Massachusetts Wetlands Protection Act (G.L. Ch. 131, Sec. 40)\*

CATEGORY 1	\$55 Per Activity	\$	#
Existing House/Residential Lot (addition, deck, garage, pool, shed or driveway)		_____	_____
Site Preparation (each Single Family House (SFH) lot; removal of vegetation, excavation grading where house construction is not proposed under same NOI)		_____	_____
Control of Nuisance Vegetation (removal, herbicides, etc.; per lot under 10.53(4))		_____	_____
1. Resource Area Improvement (under 10.53(4); other than removal of aquatic nuisance vegetation)		_____	_____
e. Septic System (or any part thereof; construction, replacement, upgrade)		\$55.00	_____
f. Monitoring Wells (installation activities except access road)		_____	_____
g. New Agricultural or Aquacultural Projects		_____	_____
<b>TOTAL CATEGORY 1 ACTIVITIES</b>		_____	_____

CATEGORY 2	\$250 Per Activity	\$	#
a. Construction of Each New SFH (including site preparation, retention/detention basins, utilities, septic systems, roadway/driveway except under 10.53(3e); under single NOI)		_____	_____
b. Parking Lot (any size)		_____	_____
c. Beach Nourishment (placement of sand)		_____	_____
d. Coastal Activities (pursuant to 10.24(7a-c) (including electric generating facilities, public utilities, limited projects e.g.: repair/maintenance of existing piers, buildings, culverts)		_____	_____
e. Limited Project Activities (in 10.53(d and f-1); per footprint)		_____	_____
f. Each Driveway Crossing (associated with a SFH pursuant to 10.53(3e))		_____	_____
g. Any Point Source Discharge		_____	_____
h. Control of Nuisance Vegetation (under 10.53(4); except on a SFH Lot)		_____	_____
i. Raising or Lowering Surface Water Levels		_____	_____
j. Any Other Activity not described in Cat. 1, 3, 4 & 5		_____	_____
<b>TOTAL CATEGORY 2 ACTIVITIES</b>		_____	_____

CATEGORY 3	\$525 Per Activity	\$	#
a. Site Preparation for Development (except SFH ; including removal of vegetation, excavation & grading when actual construction not proposed under same NOI)		_____	_____
b. Construction of Each Building within Commercial, Industrial, Institutional, or Apartment/Condo/Townhouse Development (including: site preparation, retention/detention basins, septic systems, parking lots, utilities, point source discharges, package sewage treatment plants, roadways/driveways-except under 10.53(3e) if under single NOI)		_____	_____

CATEGORY 3	\$ Per Activity	\$	#
c. Each Roadway/Driveway Crossing (if not reviewable under 10.53(3e) or associated with SFH)		_____	_____
d. Hazardous Waste Cleanup (except as in Cat 4)		_____	_____
<b>TOTAL CATEGORY 3 ACTIVITIES</b>		_____	_____

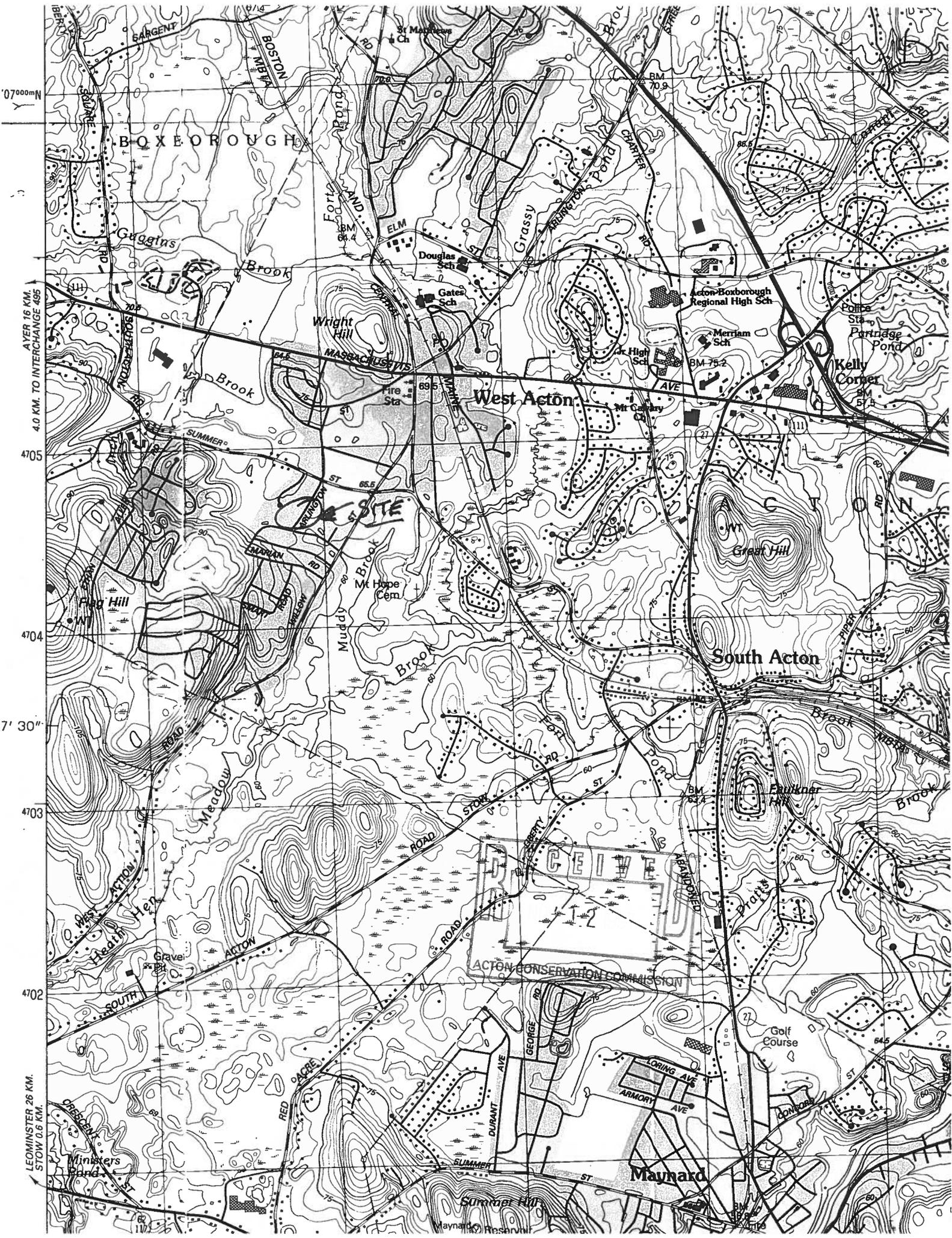
CATEGORY 4	\$725 Per Activity	\$	#
a. Each Roadway/Driveway Crossing (under 10.53(3e) associated with commercial, industrial, institutional development or residential subdivision construction)		_____	_____
b. Flood Control Structures (construction, repair, maintenance)		_____	_____
c. Landfills (public & private); creation, maintenance, operation		_____	_____
d. Sand and Gravel Operations (creation, maintenance, operation)		_____	_____
e. Railroad Lines (new or extensions of existing)		_____	_____
f. Bridges (construction, reconstruction, expansion, maintenance; except for a SFH Lot)		_____	_____
g. Alteration of Resource Area to Divert Water (associated with hazardous waste cleanup, non-exempt mosquito control projects, other purpose not identified elsewhere in this schedule)		_____	_____
h. Dredging Activities in Water Bodies (except associated with new dock, pier or other structure)		_____	_____
i. Package Sewage Treatment Plant (construction; discharge from)		_____	_____
<b>TOTAL CATEGORY 4 ACTIVITIES</b>		_____	_____

CATEGORY 5	\$725 Per Activity	\$	#
a. Docks, Piers, Revetments, Dikes or Other Engineering Structures (construction, reconstruction, repair, or replacement; coastal or inland; including placement of rip-rap or other material)		_____	_____
<b>TOTAL CATEGORY 5 ACTIVITIES</b>		_____	_____

**TOTAL FILING FEE** \$55.00

Person Calculating Fee Schedule ACTON CONSERVATION  
 Address 415 ARLINGTON ST.  
ACTON, MA. 01720  
 Telephone (978) 263-2202  
 Signature Thomas M. Murphy Date 11-10-97

\* Categories as in 310 CMR 10.03(7)(c); Fees as in 801 CMR 4.02  
 Prepared by the Massachusetts Association of Conservation Commissions.  
 Revised 10/1/93.



0.7000mi

AYER 16 KM.  
4.0 KM. TO INTERCHANGE 495

4705

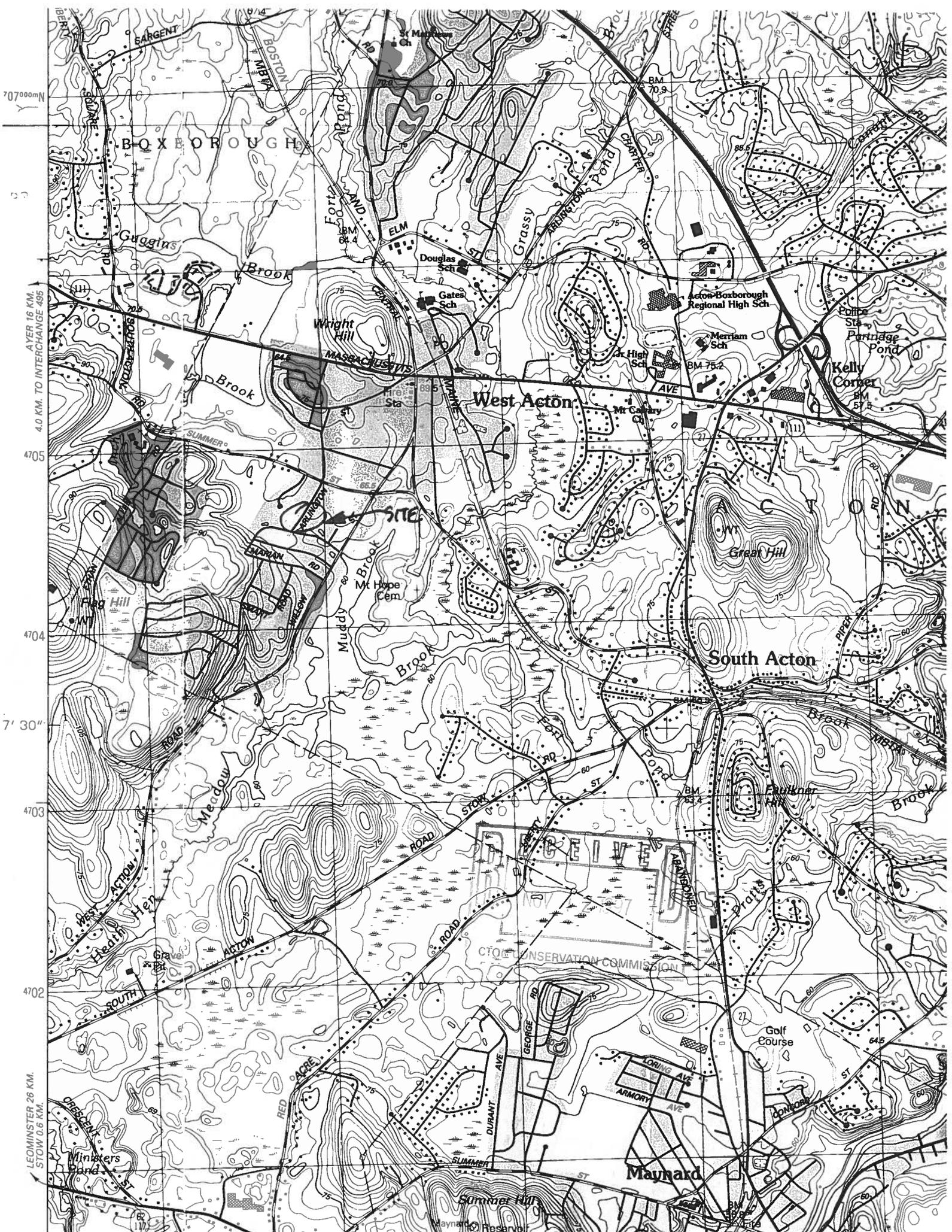
4704

7' 30"

4703

4702

LEOMINSTER 26 KM.  
STOW 0.6 KM.



707000mN  
AYER 16 KM.  
4.0 KM. TO INTERCHANGE 495  
4705  
7' 30"  
4703  
4702  
LEOMINSTER 26 KM.  
STOW 0.6 KM.

BOXBOROUGH

Guggins Brook

Wright Hill

West Acton

South Acton

Maynard

RECEIVED  
CTO OF CONSERVATION COMMISSION

Maynard Reservoir