

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM**

(Type all entries - complete applicable sections)

STATE: Massachusetts	
COUNTY: Middlesex	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
JAN 25 1973	

1. NAME

COMMON:

Chelmsford Glass Works: Long House

AND/OR HISTORIC:

Chelmsford Glass Works' Tenement House

2. LOCATION

STREET AND NUMBER:

139-141 Baldwin Street

CITY OR TOWN:

Lowell

STATE

Massachusetts

CODE

025

COUNTY:

Middlesex

CODE

017

3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
☐ District ☒ Building ☐ Site ☐ Structure ☐ Object	☐ Public ☒ Private ☐ Both	☒ Occupied ☐ Unoccupied ☐ Preservation work in progress	Yes: ☐ Restricted ☐ Unrestricted ☒ No

PRESENT USE (Check One or More as Appropriate)

☐ Agricultural ☐ Commercial ☐ Educational ☐ Entertainment	☐ Government ☐ Industrial ☐ Military ☐ Museum	☐ Park ☒ Private Residence ☐ Religious ☐ Scientific	☐ Transportation ☐ Other (Specify) _____ _____ _____	☐ Comments _____ _____ _____
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4. OWNER OF PROPERTY

OWNER'S NAME:

John J. Connor

STREET AND NUMBER:

139-141 Baldwin Street

CITY OR TOWN:

Lowell

STATE:

Mass.

CODE

025

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC:

Middlesex Registry of Deeds, Northern District

STREET AND NUMBER:

CITY OR TOWN:

Lowell

STATE

Mass.

CODE

025

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:

Historic American Buildings Survey

DATE OF SURVEY: 1938

☒ Federal

☐ State

☐ County

☐ Local

DEPOSITORY FOR SURVEY RECORDS:

Library of Congress

STREET AND NUMBER:

CITY OR TOWN:

Washington

STATE:

D. C.

CODE

SEE INSTRUCTIONS



STATE:
Mass.

COUNTY:
Middlesex

ENTRY NUMBER
JAN 25 1973

DATE

FOR NPS USE ONLY

7. DESCRIPTION

CONDITION

(Check One)

☐ Excellent☒ Good☐ Fair☐ Deteriorated☐ Ruins☐ Unexposed

(Check One)

☒ Altered☐ Unaltered

(Check One)

☐ Moved☒ Original Site

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

The Chelmsford Glass Works Long House is a long, low, pitched roof building, one and a half stories high, covered by clapboards on three walls and with shingles on the west wall.

The house is comprised of three housing units, each of which contains a central chimney and has a centered door, flanked on each side by two windows. Two windows are located in each gable.

Additions include a small one-storey covered entrance porch with shed roof which projects from the west end and a one story lean-to located at the rear of the east unit.



SEE INSTRUCTIONS

8. SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

☐ Pre-Columbian☐ 16th Century☐ 18th Century☐ 20th Century☐ 15th Century☐ 17th Century☒ 19th Century

SPECIFIC DATE(S) (If Applicable and Known) C. 1802

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

Aboriginal

☐ Education☐ Political☐ Urban Planning☐ Prehistoric☐ Engineering☐ Religion/Phi-☐ Other (Specify)☐ Historic☒ Industry

losophy

☐ Agriculture☐ Invention☐ Science☒ Architecture☐ Landscape☐ Sculpture☐ Art

Architecture

☐ Social/Human-☐ Commerce☐ Literature

itarian

☐ Communications☐ Military☐ Theater☐ Conservation☐ Music☐ Transportation

STATEMENT OF SIGNIFICANCE

The Chelmsford Glass Works Long House, built shortly after 1802, is the only remaining tenement of those erected by the company for its operatives. No earlier examples of this type of housing have been documented in the state, and early Rhode Island mill housing slightly post-dates this building. Therefore, it remains as the sole survivor of the "earliest American industrial housing development." ①

Although this building may be identified with one of the projects appearing in a publication, A Series of Plans for Cottages, or Habitations of the Labourer, Either in Husbandry or the Mechanic Arts, by the English architect, John Woods, it is not a direct copy of Wood's design; the plan and style of each unit is typical of houses of the Colonial period. However, it is unlikely that such a small company would have been the first in this country to construct such low cost housing; it is probable, therefore, that earlier American models of this type housing existed.

The Chelmsford Glass Works was established in 1802, and at its peak its working force, most of whose skilled operators had come from Germany, included members from about twenty families. A two story house for the overseer and smaller houses for these families were provided by the company near its main manufactory. This was conveniently situated adjacent to the newly constructed Middlesex Canal and drew its raw materials - potash, sand and wood - from the barges which unloaded at its doors.



SEE INSTRUCTIONS

9. MAJOR BIBLIOGRAPHICAL REFERENCES

1. Coolidge, John, Mill and Mansion, A Study of Architecture and Society in Lowell, Mass., 1820-1865, N. Y. Russell and Russell, 1967, pp. 47, 185, 237.
2. Allen, Wilkes, The History of Chelmsford, Haverhill, P.N. Green, 1820.
3. Griffin, Sara Swan, "Historic Points and By-Ways", The Lowell Book, Boston George Ellis, Printer, 1899.
4. Hadley, Hon. Samuel, "Boyhood Reminiscences of Middlesex Village", Contributions of Lowell Historical Society, Lowell, Mass., Butterfield Printing Co., 1913, vol. 1, p. 207, 456.

10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees Minutes Seconds	Degrees Minutes Seconds	Degrees Minutes Seconds
NW	0 0 0	0 0 0		42 38 01	71 21 00	
NE	0 0 0	0 0 0				
SE	0 0 0	0 0 0				
SW	0 0 0	0 0 0				

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: less than one

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE

11. FORM PREPARED BY

NAME AND TITLE:

Anne R. Wardwell, Survey Director

ORGANIZATION

Mass. Historical Commission, Office of the Secretary

DATE

October 16, 1972

STREET AND NUMBER:

40 Beacon Street,

CITY OR TOWN:

Boston

STATE

Mass.

CODE

025

12. STATE LIAISON OFFICER CERTIFICATION

NATIONAL REGISTER VERIFICATION

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National ☒ State ☐ Local ☐

Name

John F. X. Darnen
Secretary of the Commonwealth, and
Chairman, Massachusetts Historical
Title Commission

Date

October 17, 1972

I hereby certify that this property is included in the National Register.

Robert M. Utley
Chief, Office of Archeology and Historic Preservation

Date

1/25/73

ATTEST:

Wm. M. Utley
Keeper of The National Register

Date

1.15.73

SEE INSTRUCTIONS

UTM
Zone 19
E 307290
N 4722560

PROPERTY <u>Chelmsford Glass Works</u>		STATE <u>Mass</u>	Middlesex
Working number <u>Long House</u>		<u>10.30.72.1637</u>	
4-24-73 TECH REVIEW	Photos <u>1</u>		
	Maps <u>2</u>		
REVIEW	<u>Long A. Rat. can't be checked with only this photo</u> <u>of the entire map. Will send new map 1-2-73</u>		1/2 11-30-72 OK 1-10-73
HISTORIAN			12-11-72 O.I.O.
ARCHEOLOGIST			
ARCHITECT	<u>not much info. but if what they say is true...</u>		OK KH 12-7-72
BRANCH CHIEF	<u>Very significant.</u> <u>OK 11/14/73</u>		
EDITORIAL REVIEW			
KEEPER			11/5

National Register write-up _____	Acknowledge <u>11/2/72</u>
Federal Register entry <u>3/6</u>	Send-back _____
	Re-submit _____
	Register no. <u>JAN 25 1973</u>



Lowell, Mass

CHELMSFORD GLASS WORKERS' LONG HOUSE

139-141 BALDWIN ST

MASS.

70

SEE INSTRUCTIONS

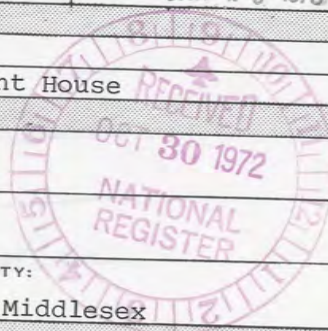
UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY PHOTOGRAPH FORM

(Type all entries - attach to or enclose with photograph)

STATE Mass.	
COUNTY Middlesex	
FOR NPS USE ONLY	
ENTRY NUMBER JAN 25 1973	DATE

1. NAME			
COMMON: Chelmsford Glass Works; Long House			
AND/OR HISTORIC: Chelmsford Glass Works; Tenement House			
2. LOCATION			
STREET AND NUMBER: 139-141 Baldwin Street			
CITY OR TOWN: Lowell			
STATE: Mass.		CODE 025	COUNTY: Middlesex
3. PHOTO REFERENCE		CODE 017	
PHOTO CREDIT: Mass. Historical Commission			
DATE OF PHOTO: 1970			
NEGATIVE FILED AT: Massachusetts Historical Commission, 40 Beacon St., Boston, Mass.			
4. IDENTIFICATION			
DESCRIBE VIEW, DIRECTION, ETC. South and west facades			



NATIONAL REGISTER OF HISTORIC PLACES

PROPERTY MAP FORM

(Type all entries - attach to or enclose with map)

STATE	
Mass.	
COUNTY	
Middlesex	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
	JAN 25 1973

1. NAME

COMMON: Chelmsford Glass Works: Long House
 AND/OR HISTORIC: Chelmsford Glass Works' Tenement House

2. LOCATION

STREET AND NUMBER:

139-141 Baldwin Street

CITY OR TOWN:

Lowell

STATE:

Mass.

CODE

025

COUNTY:

Middlesex

CODE

017

3. MAP REFERENCE

SOURCE:

U.S.G.S. Lowell, Mass. - N.H.

SCALE: 1:24,000

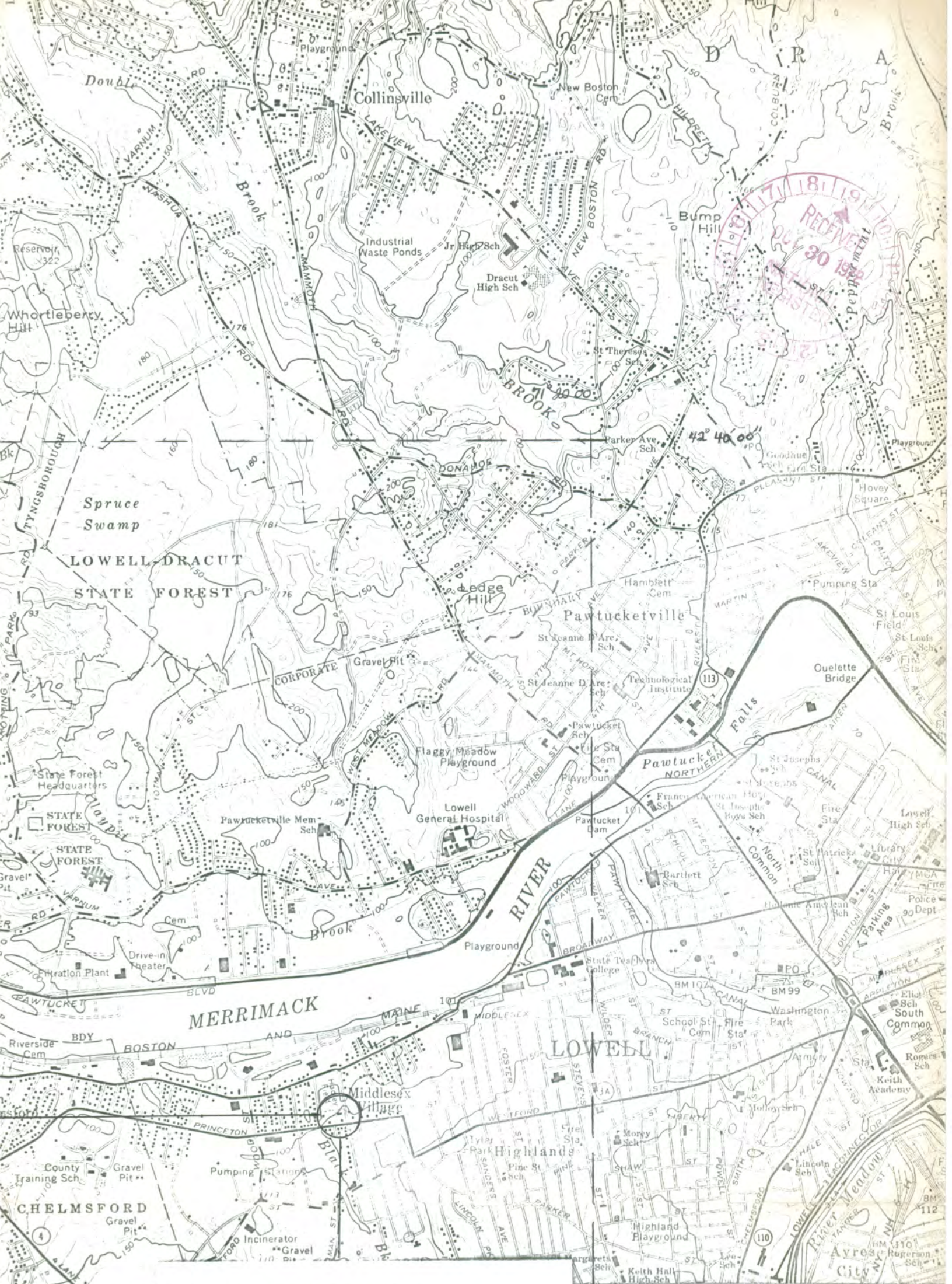
DATE: 1966

4. REQUIREMENTS

TO BE INCLUDED ON ALL MAPS

1. Property boundaries where required.
2. North arrow.
3. Latitude and longitude reference.





LOWELL, MASSACHUSETTS

CHELMSFORD GLASS WORKS, LONG HOUSE

U.S.G.S. Lowell, Mass.-N.H.

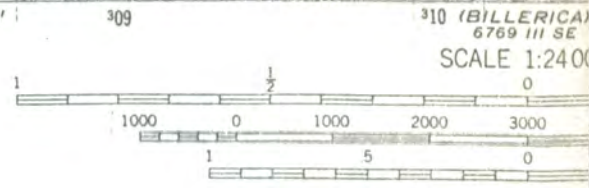
N4237.5 - W7115/7.5

1966

AMS 6769 III NE - SERIES V814

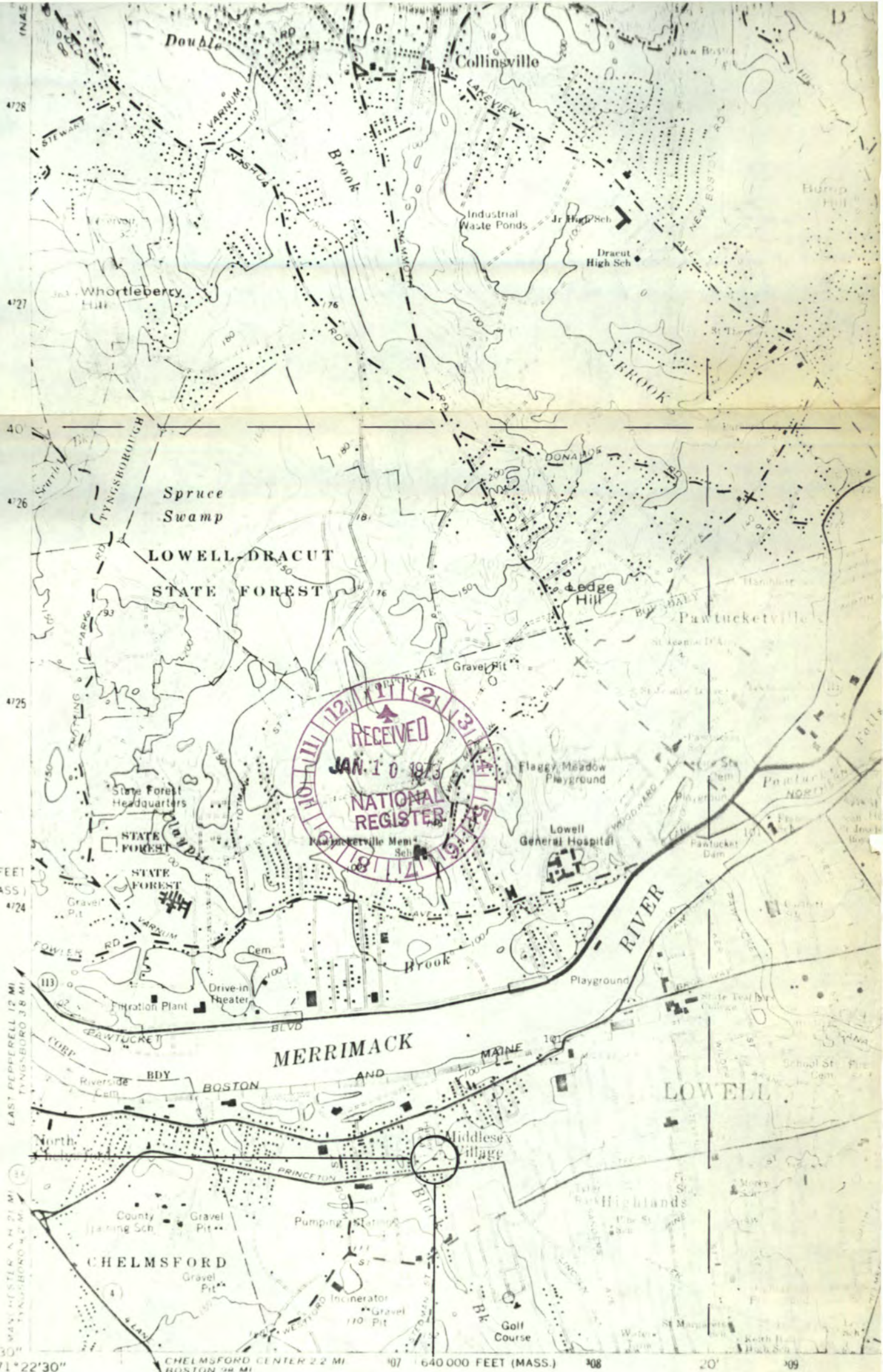
42° 38' 01"

71° 21' 00"



CONTOUR INTERVAL
DATUM IS MEAN SEA

THIS MAP COMPLIES WITH NATIONAL MAP
FOR SALE BY U.S. GEOLOGICAL SURV
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND



Mapped, edited, and published by USGS, USC&GS. Topography by planetary survey. Polyconic projection. 1927 10,000-foot grids based on N. mainland zone, and New Han 10,000-meter Universal Transverse zone 19, shown in blue. Red tint indicates areas in water.

LOWELL, MASSACHUSETTS

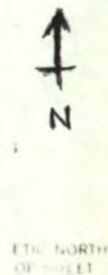
CHELMSFORD GLASS WORKS, LONG HOUSE

U.S.G.S. Lowell, Mass.-N.H.
N4237.5 - W7115/7.5
1966

AMS 6769 III NE - SERIES V814

42° 38' 01"

71° 21' 00"



THIS MAP FOR SALE A FOLDER DESCRIBES

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS

LOWELL QUADRANGLE
MASSACHUSETTS-NEW HAMPSHIRE
7.5 MINUTE SERIES (TOPOGRAPHIC)

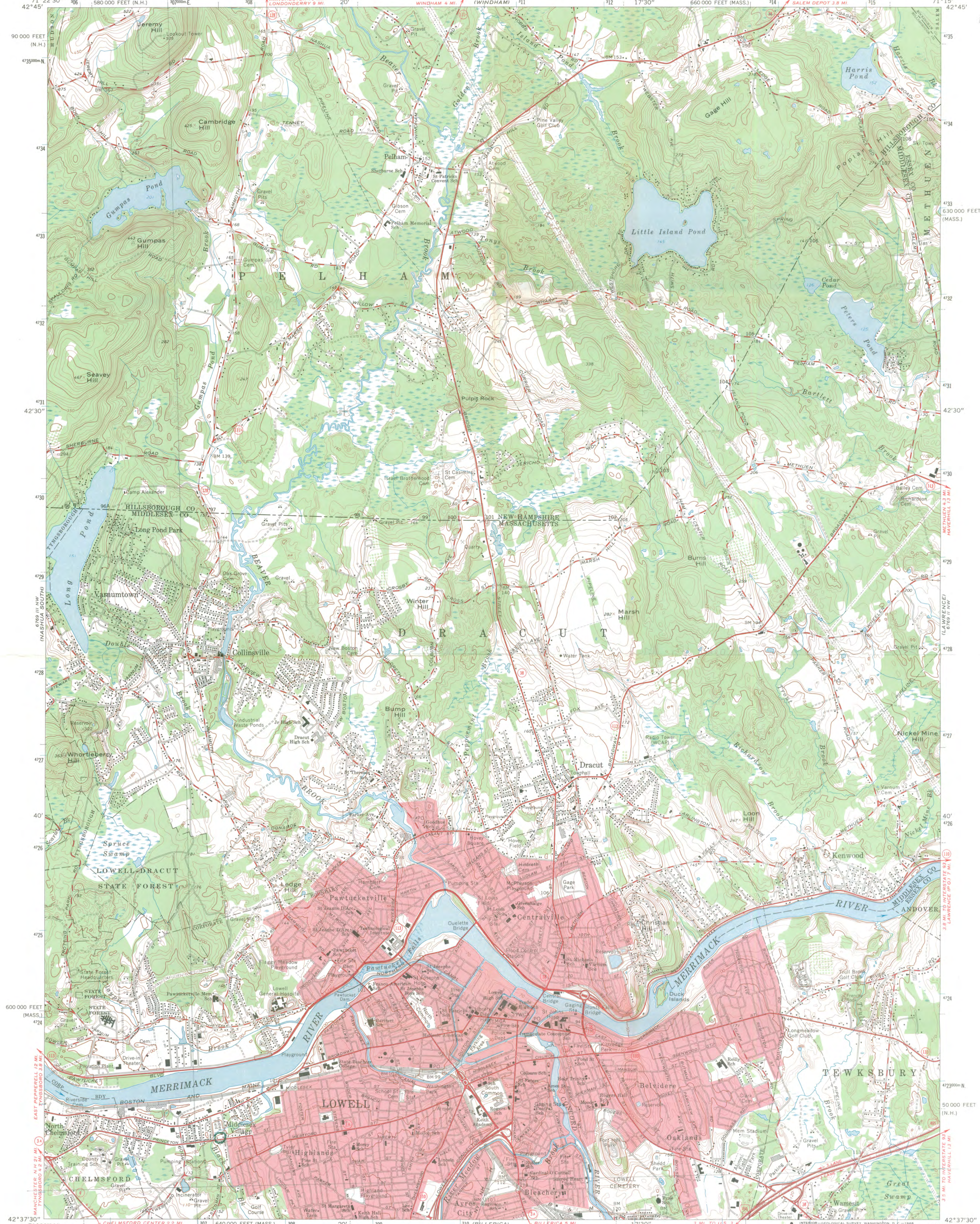
UTM

ZONE 19

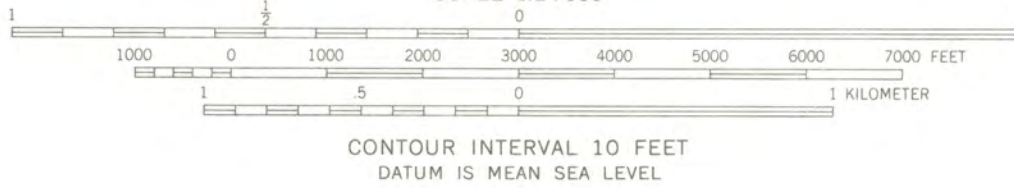
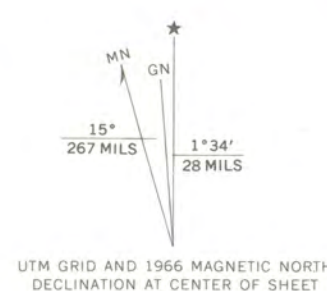
E 307290

N 4722560

WM
9-12-75



Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Massachusetts Geodetic Survey
Topography by planetable surveys 1939 and 1944. Revised 1966
Polyconic projection. 1927 North American datum
10,000-foot grids based on Massachusetts coordinate system,
mainland zone, and New Hampshire coordinate system
1000-meter Universal Transverse Mercator grid ticks,
zone 19, shown in blue
Red tint indicates areas in which only landmark buildings are shown



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
Interstate Route ——— State Route ———



LOWELL, MASS.—N. H.
N4237.5—W7115.7.5

1966

AMS 6769 III NE—SERIES V814

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ENTRIES IN THE NATIONAL REGISTER

STATE MASSACHUSETTS

Date Entered JAN 25 1973

Name

Location

Chelmsford Glass Works: Long House

Lowell
Middlesex County

Also Notified

Hon. Edward M. Kennedy

Hon. Edward W. Brooke

Hon. Paul Cronin

Director, Northeast Region

L PHR NRowland:mm 1/25/73

State Liaison Officer

Hon. John F. X. Davoren

Secretary of the Commonwealth

Chairman, Massachusetts Historical

40 Beacon Street

Boston, Massachusetts 02133

Commissioner