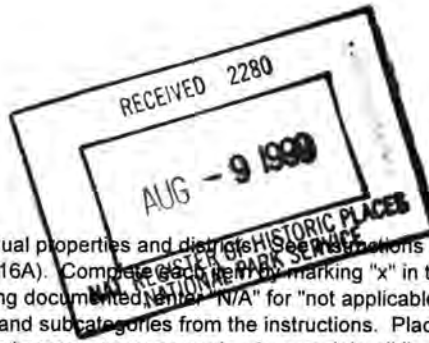


United States Department of the Interior  
National Park Service

National Register of Historic Places  
Registration Form



1121

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in How to Complete the National Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Capitol Diner (The Diners of Massachusetts MPS)  
other names/site number N/A

2. Location

street & number 431 Union Street not for publication  
city or town Lynn vicinity \_\_\_\_\_  
state Massachusetts code MA county Essex code 009 zip code 01902

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this  nomination  request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property  meets  does not meet the National Register Criteria. I recommend that this property be considered significant  nationally  statewide  locally. (See continuation sheet for additional comments.)

Judith B. McDonough Signature of certifying official/Title Judith B. McDonough, Executive Director  
Massachusetts Historical Commission, State Historic Preservation Officer  
Date 7/29/99  
State or Federal agency and bureau \_\_\_\_\_

In my opinion, the property  meets  does not meet the National Register criteria. (See continuation sheet for additional Comments.)

Signature of certifying official/Title \_\_\_\_\_ Date \_\_\_\_\_  
State or Federal agency and bureau \_\_\_\_\_

4. National Park Service Certification

I, hereby certify that this property is:  
 entered in the National Register  
 See continuation sheet.  
 determined eligible for the National Register  
 See continuation sheet.  
 determined not eligible for the National Register  
 removed from the National Register  
 other (explain): \_\_\_\_\_

Edson H. Beall Signature of the Keeper Date of Action 9/22/99

Capitol Diner  
Name of Property

Lynn, Essex County, Massachusetts  
County and State

**5. Classification**

**Ownership of Property**

(Check as many boxes as apply)

- private
- public-local
- public-State
- public-Federal

(Check only one box)

- building(s)
- district
- site
- structure
- object

**Number of Resources within Property**

(Do not include previously listed resources in the count.)

| Contributing | Noncontributing |            |
|--------------|-----------------|------------|
| 1            | 0               | building   |
| 0            | 0               | sites      |
| 0            | 0               | structures |
| 0            | 0               | objects    |
| 1            | 0               | Total      |

**Name of related multiple property listing**

(Enter "N/A" if property is not part of a multiple property listing.)

Twentieth-Century Commercial Architecture:

The Diners of Massachusetts

**Number of contributing resources previously listed in the National Register**

N/A

**6. Function or Use**

**Historic Functions**

(Enter categories from instructions)

COMMERCE/TRADE/restaurant

**Current Functions**

(Enter categories from instructions)

COMMERCE/TRADE/restaurant

**7. Description**

**Architectural Classification**

(Enter categories from instructions)

Other: Rail Car Diner

**Materials**

(Enter categories from instructions)

foundation brick

walls porcelain enamel

steel

roof metal

other glass block

wood

**Narrative Description**

(Describe the historic and current condition of the property on one or more continuation sheets.)

Capitol Diner  
Name of Property

Lynn, Essex County, Massachusetts  
County and State

**8. Statement of Significance**

**Applicable National Register Criteria**

(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing.)

- A** Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B** Property is associated with the lives of persons significant in our past.
- C** Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D** Property has yielded, or is likely to yield, information important in prehistory or history.

**Criteria Considerations**

(Mark "x" in all the boxes that apply.)

Property is:

- A** owned by religious institution or used for religious purposes.
- B** removed from its original location.
- C** a birthplace or grave.
- D** a cemetery.
- E** a reconstructed building, object, or structure.
- F** a commemorative property.
- G** less than 50 years of age or achieved significance within the past 50 years.

**Narrative Statement of Significance**

(Explain the significance of the property on one or more continuation sheets.)

**9. Major Bibliographical References**

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

**Previous documentation on file (NPS):**

- preliminary determination of individual listing (36 CFR 67) has been requested
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey # \_\_\_\_\_
- recorded by Historic American Engineering Record # \_\_\_\_\_

**Areas of Significance**

(Enter categories from instructions)

Architecture \_\_\_\_\_

Commerce \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Period of Significance**

1928-1949 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Significant Dates**

N/A \_\_\_\_\_

\_\_\_\_\_

**Significant Person**

(Complete if Criterion B is marked above)

N/A \_\_\_\_\_

**Cultural Affiliation**

N/A \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Architect/Builder**

J. G. Brill Company \_\_\_\_\_

Wason Manufacturing Company \_\_\_\_\_

\_\_\_\_\_

**Primary location of additional data:**

- State Historic Preservation Office
- Other State agency
- Federal agency
- Local government
- University
- Other

Name of repository: \_\_\_\_\_

\_\_\_\_\_

United States Department of the Interior  
National Park Service

National Register of Historic Places  
Continuation Sheet

The Diners of Massachusetts MPS  
Capitol Diner  
Lynn (Essex Co.), MA

Section number 7 Page 1

## 7. Description

Capitol Diner, 431 Union Street, Lynn (1928, MHC #28) is a fine example of the rail car type of diner in Massachusetts. J. G. Brill Company manufactured the diner through its Massachusetts subsidiary, Wason Manufacturing Company of Springfield. The parcel occupied by the Capitol Diner is located adjacent to an elevated section of railroad in the city's downtown business district, approximately six blocks east of City Hall. About one block southeast of the diner is State Route 1A, a secondary automobile corridor linking city and town centers on Boston's North Shore. The diner is placed directly at the sidewalk with its narrow end oriented toward the street. Immediately right (east) of the diner and set back from the sidewalk is a small yard with a noncontributing stockade fence.

Ten bays long and about three bays across, Capitol Diner has a typical monitor-roof streetcar form. The long band of clerestory windows survives, though the windows themselves are covered over. Another streetcar feature is the two entries, here located in the first and last bays of the diner's long elevation. The diner has a high brick foundation with glass block in the windows. The foundation is believed to date to the 1930s. Exterior walls are clad with galvanized steel panels painted red, and the roof is clad with sheet metal. The two entries contain replacement wood glazed doors and are approached by concrete steps. Only the southernmost entry, located adjacent to the sidewalk, is used by the public. The fabric awning at this entry is a removable alteration that does not compromise the diner's historic character. Windows contain fixed wood sash. Signage reads *Capitol Diner* in Gothic script on both the wall panels of the long elevation.

Projecting from the diner at the rear (northwest) elevation is a one-story brick wing that appears to date to the 1930s, and may be contemporary with the diner's raised brick foundation. This wing includes a kitchen. The diner is not attached to the commercial building immediately to the west (to the left, as viewed from the street), though a narrow space between the diner and the larger building is currently closed in at the street with corrugated metal sheeting.

On the interior, Capitol Diner has a full-length grill and food prep area, and a full-length counter with staff entrances at the two ends. The eighteen counter stools are clad in porcelain enamel and have seats upholstered in red vinyl. A brass footrest connects the stools at the bottom. The countertop incorporates mirrored and clear glass. The steel back bar is a replacement that probably dates to the renovation of the diner following a fire in 1978. This replacement, however, does not detract from the diner's historic character. Two-seat tables line the northeast wall of the diner, beneath the windows. The floor is finished with square tiles that are terracotta in color. Walls and ceiling are clad with replacement white Formica and displays varnished wood trim. The window openings in the monitor ceiling now incorporate vents.

## Archaeological Description

While no prehistoric sites are currently located on the Capitol Diner property, it is possible that sites are present. Three sites are recorded in the general area (within one mile), some of which were found after Lynn had developed as an urban center. In general, however, environmental characteristics of the property do not represent locational criteria (slope, drainage, distance to wetlands) that are favorable for most types of prehistoric sites. Given the above information, the small size of the lot (1900 square feet), its location within the city's business district and potential impacts to the property from the adjacent elevated railroad corridor, the potential for locating significant prehistoric resources on the nominated property is low.

(continued)

**United States Department of the Interior  
National Park Service**

**National Register of Historic Places  
Continuation Sheet**

**The Diners of Massachusetts MPS  
Capitol Diner  
Lynn (Essex Co.), MA**

**Section number** 7/8 **Page** 2/1

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The potential for locating significant historic archaeological resources on the nominated property is also low. Although a lunch wagon reportedly occupied the approximate site of the Capitol Diner in 1898, little information survives indicating the exact location and form of this resource. Little archaeological evidence associated with the lunch wagon may survive. No earlier historic period resources have been identified for the property which predate 1898. Any resources that may have been present were also likely impacted by railroad construction that may have extended onto the nominated property.

(end)

**8. Statement of Significance**

Capitol Diner, 431 Union Street, Lynn (1928, MHC #28) is an important example of rail car-inspired diner design in the state. The diner is significant for its associations with Wason Manufacturing Company of Springfield, which produced monitor-roof diners for the Philadelphia-based Brill Company from 1927 to 1932. One of the oldest operating diners remaining in Massachusetts, and the only operating diner in Lynn, the Capitol Diner also is significant for its long-term association with the Fennell family, who acquired the diner in 1938 and continue to operate the business today. Retaining integrity of location, design, setting, materials, workmanship, feeling, and association, the Capitol Diner meets Criteria A and C of the National Register of Historic Places at the state and local levels.

A lunch wagon reportedly occupied the approximate site of the Capitol Diner as early as 1898. The diner's trapezoidal lot was created in 1913, the result of a project to re-grade the Eastern Division of the Boston & Maine Railroad as it passed through Lynn. City directories show that Ernest A. Goodwin ran his lunch cart operation here in 1928, probably from the existing diner. Goodwin, a Lynn resident, also had a restaurant at 38 Silsbee Street, about three blocks northeast of this Union Street site. Starting in 1934, Goodwin's business on this Union Street site was described in city directories as "lunch" rather than "lunch cart." This suggests the diner was more permanently positioned by that time, perhaps with its present brick foundation and one-story rear wing. The addition is shown on Lynn's Sanborn fire insurance map for 1938. According to city directories, Raymond Whartons, also a Lynn resident, operated the diner in 1938.

By 1939, George E. Fennell of Lynn had acquired the diner. He named it the Capitol Diner, which reflected the diner's location diagonally across Union Street from the Capitol Theatre (demolished). At the time, the Capitol Theatre was an E. M. Loew's movie theater. The diner's location, close to the theater and in the city's business district, ensured a steady stream of customers. James Fennell, a Lynn resident and perhaps a son or brother of George Fennell, also was associated with the Capitol Diner from 1939 to the mid-1940s, according to city directories.

In 1948, George Fennell hired his nephew, Bernard J. (Buddy) Fennell, to work in the Capitol Diner. Buddy Fennell had emigrated from Canada. He took over the operation of the diner about 1957. In the late 1960s, Buddy's son, Robert (Bobby) Fennell joined the business. Bobby Fennell, who was elected to the state's House of Representatives in 1994, continues to man the grill and operates the diner today.

(continued)

**United States Department of the Interior  
National Park Service**

**National Register of Historic Places  
Continuation Sheet**

**The Diners of Massachusetts MPS  
Capitol Diner  
Lynn (Essex Co.), MA**

**Section number 8 Page 2**

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The Capitol Diner was renovated following a fire in 1978, though the exterior appearance and historic plan survive. The Sanborn fire insurance map for 1949 shows a sign-painting establishment operating out of this building in addition to the diner. The sign painting likely occurred in a portion of the brick rear wing.

Capitol Diner displays the distinctive monitor roof characteristic of several Massachusetts diners manufactured in the late 1920s and early 1930s. Serving as inspiration for the monitor-roof design were certain parlor, sleeping, and dining cars built for the railroads from ca. 1865 to ca. 1920, and certain models of streetcars manufactured between ca. 1900 and ca. 1935. [Phillips, Carlson & Harding] Production of this type of diner was a logical extension of the business of railroad car and streetcar manufacturers. The dining car division of J. G. Brill Company of Philadelphia, Pennsylvania began building monitor-roof diners in 1927. Construction occurred at Brill's subsidiary plants in Springfield, Massachusetts and Cleveland, Ohio. [Gutman, 225] Brill's Springfield division was Wason Manufacturing Company, located in the Brightwood section of the city. Wason built railroad and electric streetcars, as well as automobile bodies, motor boats, and airplanes. [Stone, 490-491] In addition to the character-defining monitor roof, Brill/Wason diners featured doors at either end, another detail borrowed from railroad cars and streetcars. Brill operations in Springfield ceased in 1932, four years after the manufacture of the Capitol Diner.

Comparatively unique at both the state and local levels, the Capitol Diner is one of only two known Brill diners extant in Massachusetts. The other is the former Embassy Diner of Chicopee. The Embassy Diner is incorporated into the structure of the now-defunct Riverboat Restaurant in South Hadley, and has been gutted. [Cultrera] The Capitol Diner also is unique in Lynn as the city's best preserved and longest-operating diner. The former Boston Street Diner, 43 Boston Street (1941, Sterling #4105, MHC #192) has been gutted for retail use. Another diner in Lynn, the White Way Grille, was demolished in 1984. [Gutman interview, MHC inventory form]

(end)

Capitol Diner  
Name of Property

Lynn, Essex County, Massachusetts  
County and State

**10. Geographical Data**

**Acreage of Property** 1,900 square feet

**UTM References See continuation sheet.**  
(Place additional UTM references on a continuation sheet.)

|       |         |          |                          |         |          |  |
|-------|---------|----------|--------------------------|---------|----------|--|
| 1. 19 | 340110  | 4702820  | 3.                       |         |          |  |
| Zone  | Easting | Northing | Zone                     | Easting | Northing |  |
| 2.    |         |          | 4.                       |         |          |  |
| Zone  | Easting | Northing | Zone                     | Easting | Northing |  |
|       |         |          | _ See continuation sheet |         |          |  |

**Verbal Boundary Description**  
(Describe the boundaries of the property on a continuation sheet.)

**Boundary Justification**  
(Explain why the boundaries were selected on a continuation sheet.)

**11. Form Prepared By**

name/title Kathleen Kelly Broomer, consultant, with Betsy Friedberg, NR Director, MHC

organization Massachusetts Historical Commission date July 1999

street & number 220 Morrissey Boulevard telephone (617) 727-8470

city or town Boston state Massachusetts zip code 02125

**Additional Documentation**

**Submit the following items with the completed form:**

**Continuation Sheets**

**Maps**

- A **USGS map** (7.5 or 15 minute series) indicating the property's location.
- A **sketch map** for historic districts and properties having large acreage or numerous resources.

**Photographs**

Representative **black and white photographs** of the property.

**Additional items** (Check with the SHPO or FPO for any additional items)

**Property Owner**

(Complete this item at the request of the SHPO or FPO.)

name Capitol Realty Trust

street & number 10 County Terrace telephone 781-595-9314

city or town Lynn state MA zip code 01904

**Paperwork Reduction Act Statement:** This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.).

**Estimated Burden Statement:** Public reporting burden for this form is estimated to average 18.1 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Project (1024-0018), Washington, DC 20503. NPS Form 10-900 OMB No. 1024-0018

United States Department of the Interior  
National Park Service

National Register of Historic Places  
Continuation Sheet

The Diners of Massachusetts MPS  
Capitol Diner  
Lynn (Essex Co.), MA

Section number 9/10 Page 1

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**9. Major Bibliographical References**

- Gutman, Richard J. S. *American Diner Then and Now*. New York: Harper Collins Publishers, 1993.
- Interview with diner historian Richard Gutman (see also below), November 23, 1998.
- Interview with diner historian Larry Cultrera (also author of "Diner Hotline," a regular feature in *Society of Commercial Archeology's Journal*), November 19, 1998.
- Diner Finder Deluxe: Massachusetts*. Watertown, MA: Coffee Cup Publications, 1991.
- MHC Inventory Form for Capitol Diner, Lynn (recorded by Arthur Krim), March 1993.
- Killeen, Wendy. "Salad days of an icon: Lynn exhibit recalls the roadside diner." *The Boston Sunday Globe*, North Weekly section, November 9, 1997, p. 1ff.
- Garbin, Randy. "For the people, by the people, hold the mayo: the Capitol Diner's Bobby Fennell makes a good case for electing more short order cooks to high office." *Roadside Magazine*, Issue #21, May 1996, pp. 18-19.
- Lynn directories: 1928-1939, 1950s.
- Sanborn fire insurance maps: 1908, 1938 (Volume I), 1938 updated to 1949 (Volume I).
- Stone, Orra. *History of Massachusetts Industries*. Vol. I. Boston-Chicago: The S. J. Clarke Publishing Co., 1930.
- Carlson, Stephen P. with Thomas W. Harding. *From Boston to the Berkshires: A Pictorial Review of Electric Transportation in Massachusetts*. Boston: Boston Street Railway Association, Inc., 1990.
- Phillips, Lance. *Yonder Comes the Train*. NY: A. S. Barnes and Co., 1965.

(end)

**10. Geographical Data**

**Verbal Boundary Description**

The boundary of the nominated property is shown on the accompanying detail of the City of Lynn assessors' map.

**Boundary Justification**

The boundary includes the entire parcel that has been historically associated with the diner.

(end)

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES  
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY NAME: Capitol Diner

MULTIPLE NAME: Diners of Massachusetts MPS

STATE & COUNTY: MASSACHUSETTS, Essex

DATE RECEIVED: 8/09/99      DATE OF PENDING LIST: 8/24/99  
DATE OF 16TH DAY: 9/09/99      DATE OF 45TH DAY: 9/23/99  
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 99001121

REASONS FOR REVIEW:

APPEAL: N    DATA PROBLEM: N    LANDSCAPE: N    LESS THAN 50 YEARS: N  
OTHER: N    PDIL: N    PERIOD: N    PROGRAM UNAPPROVED: N  
REQUEST: N    SAMPLE: N    SLR DRAFT: N    NATIONAL: N

COMMENT WAIVER: N

ACCEPT     RETURN     REJECT    9/22/99 DATE

ABSTRACT/SUMMARY COMMENTS:

*Entered in the  
National Register*

RECOM./CRITERIA \_\_\_\_\_

REVIEWER \_\_\_\_\_ DISCIPLINE \_\_\_\_\_

TELEPHONE \_\_\_\_\_ DATE \_\_\_\_\_

DOCUMENTATION see attached comments Y/N see attached SLR Y/N



Capitol  
Diner

Capitol Diner

Capitol  
Diner

Capitol Diner  
431 Union Street  
Lynn, Essex County, Mass.

View W  
1998

Photo: K. K. Broome

Neg: MHC

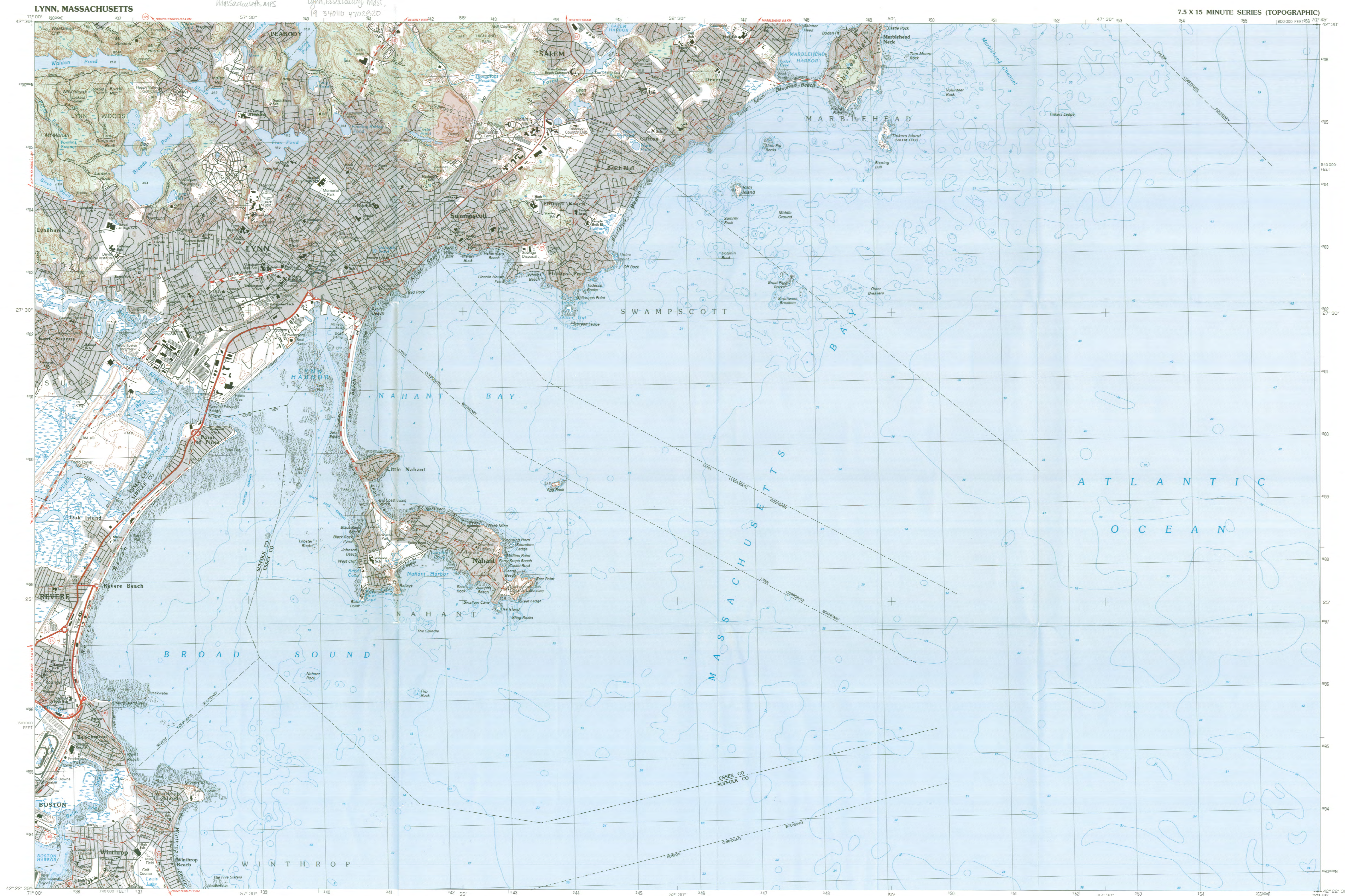


Capitol Diner  
431 Union Street  
Lynn, Essex County, Mass.

Interior view NW  
1998

Photo: KK Broomer

Neg: MHC



The Diners of  
Massachusetts MPS  
Capitol Bldg  
Lynn, Essex County, Mass.,  
19 34010 4702820

**Lynn**  
MASSACHUSETTS

1:25 000-scale metric  
topographic map

7.5 X 15 MINUTE QUADRANGLE  
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey in cooperation with Massachusetts Department of Public Works

Control by USGS, NOS/NOAA, and Commonwealth of Massachusetts agencies

Compiled by photogrammetric methods from aerial photographs taken 1978. Field checked 1979. Map edited 1985. Supersedes Lynn and Marblehead South 1:25,000-scale maps dated 1970.

Selected hydrographic data compiled from NOS charts, 13270, 13272 (1942), 13275, and 13276 (1951). This information is not intended for navigational purposes.

Projection and 1000-meter grid: Universal Transverse Mercator, zone 19

10,000-foot grid ticks based on Massachusetts coordinate system, mainland zone, 1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 42 meters west as shown by dashed corner ticks

CONTOUR INTERVAL 3 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER

OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER

DEPTH CURVES AND SOUNDINGS IN METERS

DATUM IS MEAN LOW WATER

THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BOUNDARY SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER

OF MEAN HIGH WATER IS APPROXIMATELY 2.7 METERS

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

| CONVERSION TABLE |         | DECLINATION DIAGRAM |                       | ADJOINING MAPS |   |   |
|------------------|---------|---------------------|-----------------------|----------------|---|---|
| Meters           | Feet    | UTM                 | GN                    | 1              | 2 | 3 |
| 1                | 3.2808  |                     | 284 MILES<br>22 MILES | 1              | 2 | 3 |
| 2                | 6.5616  |                     |                       | 4              | 5 |   |
| 3                | 9.8424  |                     |                       | 6              | 7 |   |
| 4                | 13.1232 |                     |                       | 8              | 8 |   |
| 5                | 16.4040 |                     |                       |                |   |   |
| 6                | 19.6848 |                     |                       |                |   |   |
| 7                | 22.9656 |                     |                       |                |   |   |
| 8                | 26.2464 |                     |                       |                |   |   |
| 9                | 29.5272 |                     |                       |                |   |   |
| 10               | 32.8080 |                     |                       |                |   |   |

To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map  
Diagram is approximate

1 Reading  
2 Salem  
3 Gloucester  
4 Boston North  
5 Boston South  
6 Fall  
8

FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

**Topographic Map Symbols**

|   |  |
|---|--|
| Primary highway, hard surface                                 |  |
| Secondary highway, hard surface                               |  |
| Light-duty road, hard or improved surface                     |  |
| Unimproved road, trail  |  |
| Route marker, interstate, U. S. State                         |  |
| Railroad, standard gauge, narrow gauge                        |  |
| Bridge, drawbridge  |  |
| Footbridge, overpass, underpass                               |  |
| Built-up area; only selected landmark buildings shown         |  |
| House, barn, church, school, large structure                  |  |
| Boundary:   |  |
| National, with monument                                       |  |
| State   |  |
| County, parish  |  |
| Civil township, precinct, district                            |  |
| Incorporated city, village, town                              |  |
| National or State reservation, small park                     |  |
| Land grant with monument, fence section corner                |  |
| U. S. public lands survey; range, township, section           |  |
| Range, township; section line; location approximate           |  |
| Fence or field line   |  |
| Power transmission line, isolated tower                       |  |
| Dam; dam with lock  |  |
| Cemetery; grave   |  |
| Campground; picnic area; U. S. location monument              |  |
| Windmill; water with spring                                   |  |
| Mine shaft; prospect; adit or cave                            |  |
| Control: horizontal station; vertical station; spot elevation |  |
| Contours: index, intermediate, supplementary, depression      |  |
| Distorted surface: strip mine, lava, sand                     |  |
| Bathymetric contours: index, intermediate                     |  |
| Perennial lake and stream; intermittent lake and stream       |  |
| Rapids, large and small; falls, large and small               |  |
| Submerged marsh; marsh, swamp                                 |  |
| Land subject to controlled inundation; wooded                 |  |
| Scrub; mangrove   |  |
| Orchard; vineyard   |  |

A pamphlet describing topographic maps is available on request

