

PH0667307

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

FOR NPS USE ONLY	
RECEIVED	APR 19 1978
DATE ENTERED	DEC 20 1978

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

SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS  
TYPE ALL ENTRIES -- COMPLETE APPLICABLE SECTIONS

**1 NAME**

HISTORIC

Hartness House

AND/OR COMMON

**2 LOCATION**

STREET & NUMBER

30 Orchard Street

\_\_NOT FOR PUBLICATION

CITY, TOWN

Springfield

CONGRESSIONAL DISTRICT

STATE

Vermont

\_\_ VICINITY OF

Vermont

CODE

50

COUNTY

Windsor

CODE

027

**3 CLASSIFICATION**

CATEGORY	OWNERSHIP	STATUS	PRESENT USE	
<input type="checkbox"/> DISTRICT	<input type="checkbox"/> PUBLIC	<input checked="" type="checkbox"/> OCCUPIED	<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> MUSEUM
<input checked="" type="checkbox"/> BUILDING(S)	<input checked="" type="checkbox"/> PRIVATE	<input type="checkbox"/> UNOCCUPIED	<input checked="" type="checkbox"/> COMMERCIAL	<input type="checkbox"/> PARK
<input type="checkbox"/> STRUCTURE	<input type="checkbox"/> BOTH	<input type="checkbox"/> WORK IN PROGRESS	<input type="checkbox"/> EDUCATIONAL	<input type="checkbox"/> PRIVATE RESIDENCE
<input type="checkbox"/> SITE	<b>PUBLIC ACQUISITION</b>	<b>ACCESSIBLE</b>	<input type="checkbox"/> ENTERTAINMENT	<input type="checkbox"/> RELIGIOUS
<input type="checkbox"/> OBJECT	<input type="checkbox"/> IN PROCESS	<input checked="" type="checkbox"/> YES: RESTRICTED	<input type="checkbox"/> GOVERNMENT	<input type="checkbox"/> SCIENTIFIC
	<input type="checkbox"/> BEING CONSIDERED	<input type="checkbox"/> YES: UNRESTRICTED	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> TRANSPORTATION
		<input type="checkbox"/> NO	<input type="checkbox"/> MILITARY	<input type="checkbox"/> OTHER:

**4 OWNER OF PROPERTY**

NAME Hartness House, Inc. c/o Mrs. Marjorie Lovell

STREET & NUMBER

30 Orchard Street

CITY, TOWN

Springfield

\_\_ VICINITY OF Vermont

STATE

05156

**5 LOCATION OF LEGAL DESCRIPTION**

COURTHOUSE, REGISTRY OF DEEDS, ETC. Office of the Town Clerk

STREET & NUMBER

CITY, TOWN

Springfield

STATE

Vermont

**6 REPRESENTATION IN EXISTING SURVEYS**

TITLE Vermont Historic Sites and Structures Survey

DATE

1973

\_\_FEDERAL STATE \_\_COUNTY \_\_LOCAL

DEPOSITORY FOR SURVEY RECORDS

Vermont Division for Historic Preservation

CITY, TOWN

Montpelier

STATE

Vermont

## 7 DESCRIPTION

CONDITION		CHECK ONE	CHECK ONE
<input checked="" type="checkbox"/> EXCELLENT	<input type="checkbox"/> DETERIORATED	<input type="checkbox"/> UNALTERED	<input checked="" type="checkbox"/> ORIGINAL SITE
<input type="checkbox"/> GOOD	<input type="checkbox"/> RUINS	<input checked="" type="checkbox"/> ALTERED	<input type="checkbox"/> MOVED DATE _____
<input type="checkbox"/> FAIR	<input type="checkbox"/> UNEXPOSED		

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### DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

The Hartness House is one of the few good Shingle Style houses in the State of Vermont. Originally basically rectangular in plan, the building has been extended in recent years by additions to accommodate its present function as a restaurant and inn.

It is 2-1/2 stories in height. The ground floor is constructed of uncoursed fieldstone, giving a visual weightiness capable of supporting the upper stories. The entrance, near the center of the long side of the rectangular plan, is reached by a recessed porch whose roof is supported by a segmental arch, also of fieldstone. The entry is actually within a shallow cross-gable which will be discussed below.

To the right (south) of the entry is a two-story, projecting wooden three-part bay window; to the right of this is a formerly open porch, with stone base and piers, and a flat roof with a wooden balustrade. On the plain fascia-board of the porch roof are paired, shaped, rafter tails, which occur only above the stone piers. Directly above these, interrupting the balustrade, are panelled pedestals. This porch has been enclosed and contains plain modern sash.

To the left (north) of the entry is a one-story semicircular projecting bay, deeply overhung by a shingled conical roof. Windows in this projection are in heavy frames, and each is topped by a transom.

To the left of this is what appears to have been another open porch, also of fieldstone. It is partially engaged into the main block of the house, and has a small shed roof with exposed, shaped rafter tails on the side facade. On the main elevation, the porch roof is supported by a broad segmental arch.

The second story projects approximately a foot beyond the first, and is sheathed in coursed shingles. Its bays are asymmetrically placed with regard to the ground floor. There is a rectangular oriel window over the pier separating the semi-circular projection and the northernmost porch. This oriel has a thermal window, with muntins radiating from the central upper pane; and two very narrow flanking windows. To the right of the oriel is a pair of small square windows with diamond-pane windows.

This entire visual unit - oriel and paired square windows - is sheltered by a projecting third floor wall dormer. It is infilled with shingles which flare at its base and contains a neo-palladian window. This two-story grouping is the major stylistic feature of the northern (left) side of the main facade, and serves as a counterweight to the cross-gable over the entrance.

There are also numerous rectangular windows of varying proportions, including some with round-headed arched windows as "transoms," on the remainder of the second floor of the facade of the main block.

Asymmetrically placed, between the large wall dormer and the cross-gable, is a small hipped roof dormer, with paired 1/1 sash.

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At this point, the main block is interrupted by the cross-gable containing the entrance. This portion of the building also rises from an uncoursed fieldstone first floor, through shingled second and third floors. Its roof has three slopes. The north (left) side of the ridge has a break above the third floor, so the effect is a half gambrel.

The second floor of the cross-gable contains tall paired windows, with diamond-pane upper sash, above the entrance. These windows are joined by a small window immediately to the left, creating a typically Shingle Style asymmetry. The right side of the main facade of the cross-gable continues the three-part projecting bay from the ground floor, flanked at this level by two small windows.

The third floor of the cross-gable overhangs the second, as the second does the first, by about a foot, and is shingled. The third floor contains only a small three-part window, whose outer two portions are diamond-paned, and a very small plain window.

Fenestration on other facades is similarly asymmetrical, continuing the visual activity of the building. The only place on the facade where bays line up is in the three-part projecting bay, and there almost self-consciously.

The house includes five underground rooms and an underground observatory containing a Russell Porter telescope (see Stellafane Observatory, Windsor County, Vermont, 11-7-77).

To the rear of the building a long addition was added in the mid-20th century. Although it would seem to detract from the character of the building, ~~and is not part of this nomination~~, it is nearly invisible from Orchard Street.

J.F.T. 9-1-78  
per Charles Ashton.

# 8 SIGNIFICANCE

PERIOD	AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW				
<input type="checkbox"/> PREHISTORIC	<input type="checkbox"/> ARCHEOLOGY-PREHISTORIC	<input type="checkbox"/> COMMUNITY PLANNING	<input type="checkbox"/> LANDSCAPE ARCHITECTURE	<input type="checkbox"/> RELIGION	
<input type="checkbox"/> 1400-1499	<input type="checkbox"/> ARCHEOLOGY-HISTORIC	<input type="checkbox"/> CONSERVATION	<input type="checkbox"/> LAW	<input type="checkbox"/> SCIENCE	
<input type="checkbox"/> 1500-1599	<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> ECONOMICS	<input type="checkbox"/> LITERATURE	<input type="checkbox"/> SCULPTURE	
<input type="checkbox"/> 1600-1699	<input checked="" type="checkbox"/> ARCHITECTURE	<input type="checkbox"/> EDUCATION	<input type="checkbox"/> MILITARY	<input type="checkbox"/> SOCIAL/HUMANITARIAN	
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> ART	<input type="checkbox"/> ENGINEERING	<input type="checkbox"/> MUSIC	<input type="checkbox"/> THEATER	
<input type="checkbox"/> 1800-1899	<input type="checkbox"/> COMMERCE	<input type="checkbox"/> EXPLORATION/SETTLEMENT	<input type="checkbox"/> PHILOSOPHY	<input type="checkbox"/> TRANSPORTATION	
<input checked="" type="checkbox"/> 1900-	<input type="checkbox"/> COMMUNICATIONS	<input checked="" type="checkbox"/> INDUSTRY	<input type="checkbox"/> POLITICS/GOVERNMENT	<input type="checkbox"/> OTHER (SPECIFY)	
		<input type="checkbox"/> INVENTION			

SPECIFIC DATES            1904

BUILDER/ARCHITECT

STATEMENT OF SIGNIFICANCE

The Hartness House derives its significance primarily from two areas: as a relatively rare example in Vermont of the Shingle Style; and as the home of a prominent Vermont industrialist and public figure.

As built, the building typifies the style at nearly its highest expression. The mass of the stone ground floor visually supports the upper floors, which are uniformly shingled. The variety of roof shapes, combined with several different window sizes and types, creates the irregular appearance typical of Shingle Style buildings. However, some regularity is introduced by the shadow lines of the overhang at each story.

A recent clapboarded addition on the left (north) end, while not faithful to the style of the rest of the building, does not severely detract from the overall appearance of the building.

The house was built for James Hartness. Born in 1861 at Schenectady, New York, he was working in a machine shop by age 16. After being employed in numerous machine shops in New England, he joined Jones and Lamson Machine Company in Springfield in 1889. He became president of the firm in 1900.

Throughout his career, Hartness was continuously inventing and improving the machine industry. Among his inventions were the flat turret lathe, automatic die and double-spindle lathe.

The Hartness House was built in 1904 at the height of his career. He went on to make significant contributions to his profession, as president of the American Society of Mechanical Engineers; to the State, serving as Governor in 1921-1922, and to the nation, as a member of the International Aircraft Standardization Commission and the National Screw Thread Commission. At age 54, he became one of the first one hundred licensed pilots in America, earning his wings in a Wright biplane. In 1927, his good friend Charles Lindburgh landed at the nearby airport and was a guest in the house.

Hartness was the recipient of numerous honorary degrees, including an M.E. from the University of Vermont, and an M.S. from Yale University. He died February 3, 1934.

Vermont's architectural tradition includes relatively few examples of highly developed Shingle Style buildings; even eclectic vernacular examples are not common. This environment of generally regular Federal and Greek Revival style houses makes the Hartness House stand out in sharper focus than if it were, for example, on the North Shore of Massachusetts.

# 9 MAJOR BIBLIOGRAPHICAL REFERENCES

Fisher, Courtney (comp.) Vermont Historic Sites and Structures Survey; Springfield, Windsor County, 1973.

Roe, Joseph W. James Hartness: A Representative of the Machine Age at its Best. New York: American Society of Mechanical Engineers, 1937.

# 10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY approximately 5

*See letter 12/11/78*

QUADRANGLE NAME Claremont, NH-VT

QUADRANGLE SCALE 1:62500

UTM REFERENCES

A	1-8	7-10	4-5	7-15	4-7	9-7	1-5	0	B								
	ZONE	EASTING		NORTHING	ZONE	EASTING		NORTHING									
C									D								
E									F								
G									H								

VERBAL BOUNDARY DESCRIPTION

*See letter 12/11/78*

Coextensive with the property of the Hartness House, Inc.

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

STATE	CODE	COUNTY	CODE
STATE	CODE	COUNTY	CODE

# 11 FORM PREPARED BY

NAME / TITLE

Charles H. Ashton, Architectural Historian

ORGANIZATION

Vermont Division for Historic Preservation

DATE

February 28, 1978

STREET & NUMBER

Pavilion Building

TELEPHONE

802-828-3226

CITY OR TOWN

Montpelier

STATE

Vermont

# 12 STATE HISTORIC PRESERVATION OFFICER CERTIFICATION

THE EVALUATED SIGNIFICANCE OF THIS PROPERTY WITHIN THE STATE IS:

NATIONAL

STATE

LOCAL

As the designated State Historic Preservation 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.

STATE HISTORIC PRESERVATION OFFICER SIGNATURE

*William B. Cronley*

TITLE

State Historic Preservation Officer

DATE

4/12/78

FOR NPS USE ONLY

I HEREBY CERTIFY THAT THIS PROPERTY IS INCLUDED IN THE NATIONAL REGISTER

DATE

12/28/78

ATTEST:

KEEPER OF THE NATIONAL REGISTER

CHIEF OF REGISTRATION

*William B. Cronley*

DATE

12/18/78

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While it might be an exaggeration to call Hartness a captain of industry, he was an extremely important person in a town almost wholly dependent on the machine tool industry. Thus, his house is a monument to the time in our history (which may not have ended) when wealthy industrialists built large estates which clearly showed they were people of means.

The Hartness property at one time consisted of a large tract of land, roughly crescent-shaped, one mile long and two miles wide. The land included in this nomination is the extent of the property presently associated with the Hartness House, Inc., and totals approximately five acres.

THE HARTNESS HOUSE, INC.  
SPRINGFIELD, VT

- — — — — APPROXIMATE BOUNDARY OF URBAN AREA
- - - - - APPROXIMATE BOUNDARY OF PROPERTY OF HARTNESS HOUSE, INC.
- · - · - · BOUNDARY OF NOMINATED PARCEL

1" = 400'

BASED ON: MAP OF URBAN AREA OF  
SPRINGFIELD, VERMONT PRE-  
PARED BY HANS KLUNDER  
ASSOCIATES, (N.D.), HANOVER, NH.

- AND -

TRANSIT SURVEY MADE FOR  
HARTNESS HOUSE INC. FORMERLY  
A PART OF J. HARTNESS EST.  
JANUARY 1, 1940

BY: L.G. BASSO ENGR  
R.D. BASSO  
W. HAZELTINE

ORIGINAL IN POSSESSION  
OF MR. KINGSLEY SMITH,  
MANAGER, THE HARTNESS  
HOUSE.

