

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

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DATE ENTERED JUN 17 1976

**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

Archibald, E.T., House

AND/OR COMMON

Archibald, E.T., House

2 LOCATION

STREET & NUMBER

CITY, TOWN

Dundas

VICINITY OF

NOT FOR PUBLICATION

CONGRESSIONAL DISTRICT

First

STATE

Minnesota

CODE

27

COUNTY

Rice

CODE

131

3 CLASSIFICATION

CATEGORY

- DISTRICT
- BUILDING(S)
- STRUCTURE
- SITE
- OBJECT

OWNERSHIP

- PUBLIC
- PRIVATE
- BOTH
- PUBLIC ACQUISITION**
- IN PROCESS
- BEING CONSIDERED

STATUS

- OCCUPIED
- UNOCCUPIED
- WORK IN PROGRESS
- ACCESSIBLE**
- YES: RESTRICTED
- YES: UNRESTRICTED
- NO

PRESENT USE

- AGRICULTURE
- COMMERICAL
- EDUCATIONAL
- ENTERTAINMENT
- GOVERNMENT
- INDUSTRIAL
- MILITARY
- MUSEUM
- PARK
- PRIVATE RESIDENCE
- RELIGIOUS
- SCIENTIFIC
- TRANSPORTATION
- OTHER:

4 OWNER OF PROPERTY

NAME

Arthur Terry

STREET & NUMBER

CITY, TOWN

Dundas

VICINITY OF

STATE

Minnesota

5 LOCATION OF LEGAL DESCRIPTION

COURTHOUSE,
REGISTRY OF DEEDS, ETC.

Registry of Deeds, Rice County Courthouse

STREET & NUMBER

CITY, TOWN

Faribault

STATE

Minnesota

6 REPRESENTATION IN EXISTING SURVEYS

TITLE

Statewide Historic Sites Survey

DATE

1975

FEDERAL STATE COUNTY LOCAL

DEPOSITORY FOR
SURVEY RECORDS

Minnesota Historical Society, Building 25, Fort Snelling

CITY, TOWN

St. Paul

STATE

Minnesota

7 DESCRIPTION

CONDITION

EXCELLENT
 GOOD
 FAIR

DETERIORATED
 RUINS
 UNEXPOSED

CHECK ONE

UNALTERED
 ALTERED

CHECK ONE

ORIGINAL SITE
 MOVED DATE _____

DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

The E.T. Archibald House is located in Dundas, Minnesota, on the southwest corner of Second Street and Hamilton Street. It was built on the 1860s by Lorenzo Hamblin, E.T. Archibald, the prominent Minnesota miller, occupied this house from 1867 until 1885.

The house is a two story frame structure of simple Greek Revival style. Originally the house had a service wing and a servants quarters but today only the main portion of the house remains.

The frame barn where the horses and carriages were kept is also found on the property. It remains in its original form.

Arthur Terry, the present owner, has maintained the house in a good state of preservation.

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 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 checked="" type="checkbox"/> 1800-1899	<input checked="" type="checkbox"/> COMMERCE	<input type="checkbox"/> EXPLORATION/SETTLEMENT	<input type="checkbox"/> PHILOSOPHY	<input type="checkbox"/> TRANSPORTATION
<input type="checkbox"/> 1900-	<input type="checkbox"/> COMMUNICATIONS	<input checked="" type="checkbox"/> INDUSTRY	<input type="checkbox"/> POLITICS/GOVERNMENT	<input checked="" type="checkbox"/> OTHER (SPECIFY) Flour milling
		<input type="checkbox"/> INVENTION		

SPECIFIC DATES 1867 - 1885

BUILDER/ARCHITECT Lorenzo Hamblin

STATEMENT OF SIGNIFICANCE

The E.T. Archibald House is significant as being the house in which E.T. Archibald, the prominent Minnesota miller, lived in during the years of the milling revolution. It was constructed by Lorenzo Hamblin.

The Archibald house was occupied by the E.T. Archibald family from 1867-1885. After living here they moved to Northfield.

The Archibalds had the reputation of being among the best in the milling business. A staff correspondent of the Northwestern Miller, March 24, 1876, talked about Archibald as "The man or firm who takes the leading place among the flour makers of this country or of the world."

Even before the new milling process was introduced in 1871 Minneapolis millers went down to Dundas to look at the Archibald Mill. The flour made by the Archibalds, because of the great care that was taken in its manufacture, came to be recognized as the best in the United States. His flour surpassed Minneapolis flour \$1.00 or more per barrel in the New York and Boston markets. It came to be known as "Dundas straight".

Being a progressive miller, J.S. Archibald imported three barrels of Scotch fife wheat from Canada. This seed developed into the No. 1 hard spring wheat that revolutionized wheat farming in Minnesota.

Up to 1860 most of the wheat grown in the United States had been soft winter wheat, but spring wheat was suited to the soil. Hard spring wheat had flinty qualities and high middlings content. Under the low grinding process used before 1870, this wheat was difficult to use, since its hardness caused the mash to heat and its thin brittle bran filled the flour with specks.

Archibald attacked this problem. His stones were run at a lower speed. Instead of low grinding the stones were set high so as to simply crack the kernel at the first grinding. In addition to reducing the kernel to flour at one grinding it was put through several grindings. It was the purpose of this process to make middlings the most valuable part of the product. Gluten, a product of the wheat, lies in the hard exterior of the kernel just beneath the bran covering, and therefore is found in the middlings. Gluten, which not only gives bread its rising quality, is also very nutritious. Archibald recognized the importance of using middlings, whereas in the old process they were a thing to be avoided.

(see continuation sheet)

9 MAJOR BIBLIOGRAPHICAL REFERENCES

- Fossum, Paul R., "Early Milling in the Cannon River Valley", Minnesota Historical Society, 1930, St. Paul.
 Havie, Helen E., "Brief History of Dundas", Dundas, 1955.
 Kuhlmann, Development of Flour Milling in Minneapolis, Minneapolis, 1920.
 Neill, Rev. E.D., History of Rice County, Minnesota Historical Society, 1882, Mpls.
 Neuhaus, Marjorie, "Dundas, Minnesota", Dundas, 1975.
The Northwestern Miller, LaCrosse, Minneapolis, 1878-1890, 1893, 1900.

10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY less than 1 acre

UTM REFERENCES

A	1 5	4 8 3 7 5 0	4 9 1 9 0 1 0	B			
	ZONE	EASTING	NORTHING		ZONE	EASTING	NORTHING
C				D			

VERBAL BOUNDARY DESCRIPTION

Lots 1 and 2 of block 10, the original plat of Dundas.

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

Marjorie A. Lund - (Intern)

ORGANIZATION

Minnesota Historical Society

DATE

9 January 1976

STREET & NUMBER

Building 25, Fort Snelling

TELEPHONE

612-726-1171

CITY OR TOWN

St. Paul

STATE

Minnesota

12 STATE HISTORIC PRESERVATION OFFICER CERTIFICATION

THE EVALUATED SIGNIFICANCE OF THIS PROPERTY WITHIN THE STATE IS:

NATIONAL X

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

Russell W. Fridley

TITLE
 Russell W. Fridley
 State Historic Preservation Officer

DATE 2-20-76

FOR NPS USE ONLY

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

Acting DIRECTOR, OFFICE OF ARCHEOLOGY AND HISTORIC PRESERVATION

DATE 6/17/76

Acting ATTEST: *Charles...*
 Acting KEEPER OF THE NATIONAL REGISTER

DATE 6.16.76

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CONTINUATION SHEET Archibald House ITEM NUMBER 8 PAGE 1

Archibalds' firm was one of the first to introduce middlings purifiers in the early 1870s. These made it possible to produce flour by the new process on a large scale. The middlings purifier, with its horizontal shaking screen and air blast for cleaning and separating the middlings, perserved for regrinding the best portion of the wheat.

Archibald was first to manufacture and market patent flour towards the close of 1871. It was known as "Archibald extra". Its manufacture as a regular grade, making spring wheat rise in price above winter wheat, was justified because of the success of this flour in the eastern markets.

Although Archibalds' Mill was among the leaders in the milling industry, competition became strong. E.T. Archibald had to make further improvements in the milling process. Mr. Archibald became aware of the superior work of rollers, instead of millstones, and in 1879 the mill was remodeled on the roller system. Under the roller system more wheat could be produced in less time while still maintaining its fine quality. Archibald was one of the first to use the roller system in its entirety.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Section number _____ Page _____

ADDITIONAL INFORMATION

for Keeper *Nelma Lynn*
11/19/89

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Section number _____ Page _____

Note: These changes apply to
Archibald, E. T., House in Rice
County, Minnesota.

REFERENCE NUMBER: 76001072

STATE: MINNESOTA

COUNTY: Rice

RESOURCE NAME (HISTORIC): Archibald, Edward T., House

CITY:

VICINITY OF:

ADDRESS: Hamilton and 2nd Sts.

CERTIFICATION DATE:

REMOVED DATE:

COMMENTS:

Nina M. Archabal

Nina M. Archabal
State Historic Preservation Officer

JUN 17 1988

Date