

**United States Department of the Interior
Heritage Conservation and Recreation Service**

**National Register of Historic Places
Inventory—Nomination Form**

For HCRS use only
received DEC 03 1979
date entered JAN 21 1980

See instructions in *How to Complete National Register Forms*
Type all entries—complete applicable sections

1. Name

historic General Engineering Company Building

and/or common

2. Location

street & number 159 West Pierpont Avenue _____ not for publication

city, town Salt Lake City _____ vicinity of _____ congressional district 02

state Utah code 049 county Salt Lake code 035

3. Classification

Category	Ownership	Status	Present Use	
<input type="checkbox"/> district	<input type="checkbox"/> public	<input type="checkbox"/> occupied	<input type="checkbox"/> agriculture	<input type="checkbox"/> museum
<input checked="" type="checkbox"/> building(s)	<input checked="" type="checkbox"/> private	<input checked="" type="checkbox"/> unoccupied	<input 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	Public Acquisition	Accessible	<input type="checkbox"/> entertainment	<input type="checkbox"/> religious
<input type="checkbox"/> object	<input type="checkbox"/> in process	<input type="checkbox"/> yes: restricted	<input type="checkbox"/> government	<input type="checkbox"/> scientific
	<input type="checkbox"/> being considered	<input checked="" type="checkbox"/> yes: unrestricted	<input type="checkbox"/> industrial	<input type="checkbox"/> transportation
		<input type="checkbox"/> no	<input type="checkbox"/> military	<input checked="" type="checkbox"/> other:commercial

4. Owner of Property

name Pierpont Development Company, A Utah Partnership

street & number 350 South 4th East, Suite 116

city, town SLC _____ vicinity of _____ state UT

5. Location of Legal Description

courthouse, registry of deeds, etc. County Recorder's Office

street & number SLC and County Bldg.

city, town SLC _____ state UT

6. Representation in Existing Surveys

title None has this property been determined eligible? yes no

date _____ federal _____ state _____ county _____ local

depository for survey records

city, town _____ state

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 building is 22' x 100' with exposed brick facing on the east side and rear of the building, with a party wall on the west side, and a stucco finish on the front. On the facade of the building are the raised letters GENERAL ENGINEERING CO., in letters approximately 9" high. The inside of the building consists of 3 floors, all of which have been cleared of partitions so as to accommodate the installation of modern conveniences and transformation to modern uses. The external appearance of the building is said to be the same as when first constructed.

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/
<input type="checkbox"/> 1700–1799	<input type="checkbox"/> art	<input type="checkbox"/> engineering	<input type="checkbox"/> music	<input type="checkbox"/> humanitarian
<input type="checkbox"/> 1800–1899	<input type="checkbox"/> commerce	<input type="checkbox"/> exploration/settlement	<input type="checkbox"/> philosophy	<input type="checkbox"/> theater
<input checked="" type="checkbox"/> 1900–	<input type="checkbox"/> communications	<input checked="" type="checkbox"/> industry	<input type="checkbox"/> politics/government	<input type="checkbox"/> transportation
		<input type="checkbox"/> invention		<input type="checkbox"/> other (specify)

Specific dates 1906

Builder/Architect

Statement of Significance (in one paragraph)

The significance of the General Engineering Company building lies in its close association with the company's founder, John Michael Callow, a successful inventor and internationally recognized mining engineer and metallurgist. Callow not only worked and produced his inventions at this location, but he and his family lived on the premises for 26 years. The building symbolizes the importance to the western mining industry of John Michael Callow, who helped overcome many of the problems associated with low grade ore treatment and thus stimulated the growth and development of mining in areas previously considered economically marginal.

Callow was born in England, but moved to the United States in 1890. He gained his initial experience of western mining in mines and mills in San Juan County, Colorado. In 1900 Mr. Callow moved to SLC with his family, and remained a resident until he returned to England to retire in 1933. Callow is best known for originating the pneumatic flotation process in treating ores, although he was the holder of a total of 18 patents relating to innovations in mining technique. In 1912 he was responsible for the design and construction of the pioneering National Copper Company plant in Mulcan, Idaho, which incorporated his flotation cells.

Callow was a prominent member of the American Institute of Mining and Metallurgical Engineers, which honored him in 1926 with its highest award for achievement...the Douglas Gold Medal Award. He was also a member of the Metallurgical Society of America and the Colorado Scientific Society.

The presence of the General Engineering Company building is not only a reminder of the work of Callow, but also of the great importance of mining and mining supported industries to the growth and development of Utah.

Thus, the building boasts of a unique past, mixing both the commercial-industrial and private residential environments. It is worthy of all efforts to preserve and restore its place in regional and national prominence.

9. Major Bibliographical References

Deseret News, July 29, 1940, p.8.
 Noble Warrum, Utah Since Statehood, Volume III, Chicago - Salt Lake, The S.J. Clarke Publishing Company, 1919, p. 352.

10. Geographical Data

UTM NOT VERIFIED

Acreege of nominated property less than 1/4 acre

ACREAGE NOT VERIFIED

Quadrangle name SLC, UT

Quadrangle scale 1:24000

UMT References

A

1	2	4	2	4	4	2	0	4	5	1	2	7	0	0
Zone			Easting					Northing						

B

Zone			Easting					Northing						

C

Zone			Easting					Northing						

D

Zone			Easting					Northing						

E

Zone			Easting					Northing						

F

Zone			Easting					Northing						

G

Zone			Easting					Northing						

H

Zone			Easting					Northing						

Verbal boundary description and justification Commencing two rods south and 167 feet east of the northwest corner of Lot 3, Block 59, Plat "A", SLC Survey, and running fence east 22 1/3 feet; fence south 122 feet; fence west 22 1/3 feet; fence north 122 feet to the place of commencement.

List all states and counties for properties overlapping state or county boundaries

state	code	county	code
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state	code	county	code
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11. Form Prepared By

name/title Richard A. Vurton for Pierpont Development Co.

organization 79 South State Street, Suite 400 PO Box 11503 date (810) 532-7700

street & number _____ telephone _____

city or town SLC state UT

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 Heritage Conservation and Recreation Service.

State Historic Preservation Officer signature Melvin T. Smith

title Melving T. Smith, State Historic Preservation Officer date November 28, 1979

For HCRS use only
 I hereby certify that this property is included in the National Register

Carol P. Shull date 1-21-80
 Keeper of the National Register

Attest: [Signature] date 1-18-80
 Chief of Administration