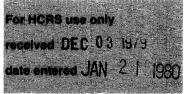
### United States Department of the Interior Heritage Conservation and Recreation Service

### 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

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historic	General Engin	eering Compa	any Building			
and/or common						
2. Loca	ation					
street & number	159 West Pi	erpont Avenu	1e		not for publication	1
city, town	Salt Lake Cit	у	vicinity of	congressional distri	<b>ct</b> 02	
state	Utah	code 049	county	Salt Lake	<b>code</b> 035	
3. Clas	sification	n				
Category district building(s) structure site object	Ownership public private both Public Acquisitic in process being conside	2 m <u>×</u> ur w on <b>Acces</b> ye	ccupied noccupied ork in progress <b>ssible</b> es: restricted es: unrestricted	Present Use agriculture commercial educational entertainment government industrial military	museum park private resider religious scientific transportation other:commer	
4. Own	er of Pro	perty				
name Pier	pont Developme	nt Company,	A Utah Part	nership		
street & number	350 South 4	th East, Su	ite 116			
city, town SI	C		vicinity of	sta	te UT	
	ation of L	egal De		on		· _ · · =
courthouse. reals	stry of deeds, etc.	County Red	corder's Off	ice		
street & number		SLC and	County Bldg	•		
city, town		SLC		sta	teUT	
6. Repi	resentati	on in E	xisting	Surveys		
title None			has this pr	operty been determined	l elegible? yes _X	no
date	2/2		<u> </u>		state county	
depository for su	urvey records					

### 7. Description

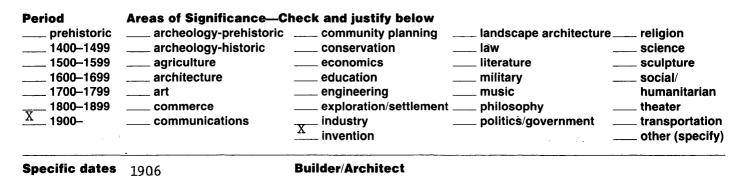
Condition   excellent deteriorated   good ruins   fair unexposed	Check one unaltered X altered	Check one X_ original site moved date

#### 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.

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## 8. Significance



#### 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.	Geograp	hical Data	UTM NOT VI	:RFED
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C E G			□ <u>                                     </u>	
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	states and counti	-	pping state or county bo	
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state		code	county	code
name/title organizat	<u></u>		pont Development Co. Box 11503 e 400 date	(810) 532-7700
	ion 79 South	PO	Box 11503	(810) 532-7700
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