

				*County: Clackamas	
*Street Address: Situs Address George Rogers Park, State Street				*City Lake Oswego	
USGS Quad Name: Lake Oswego				GPS Reading, UTM Format (Universal Transverse Mercator): Longitude: 122°39'38.54"W Latitude 45°24'39.65"N	
Township: 2S	Range: 1E	Section: IICB	Block/Lot:	Tax Lot #: 100	
Historic Name: Oswego Iron Furnace				Grouping or Cluster Name:	
*Date of Construction: 1866		Other Name: Iron Furnace Chimney (incorrect, as it was a furnace, not a chimney)			
Historic Use or Function: INDUSTRY: Blast furnace for smelting iron ore		*Current Use: Vacant		Associated Archaeological Site: Yes	
Architectural Classification(s): Industrial		Plan Type/Shape: truncated pyramid		Number of stories: N/A	
Foundation Material: Basalt Foundation laid on bedrock; 12 x 14 firebrick hearth in center		Structural Framing: N/A		Moved? No	
Roof Type/Material: N/A			Window Type/Material: N/A		
Exterior Surface Materials Primary: Local basalt/ Original stack: ashlar masonry with brick arches 10-ft. addition to top: random rubble masonry		Secondary: N/A		Decorative: Interprative Panels installed in 2012 Wrought Iron gate at each entrance installed 2010	
Exterior Alterations or Additions, Approximate Date: 10 feet added to the furnace height in 1868. Furnace rehabilitated in 2010, includes wrought iron gates at each entrance and a led cap to preserve the stonework					
Number and Type of Associated Resources: Three stone retaining walls: 1) directly behind furnace; 2) on road behind furnace (deteriorated); 3) on property line between #525 and #475 Furnace Street. The adjacent lake and creek supplied water power, The river landing provided transportation. The blast house was located adjacent to the creek and supplied forced air to the furnace. Other associated resources include; the Prosser Mine site, the Charcoal Pit sites, the Pipe Foundary site, and the worker's cottage.					
Integrity: Good	Condition: Excellent	Local Eligibility: On National Register and City LDL		National Register Listed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
Preliminary National Register Findings:					
Potentially Eligible: <input checked="" type="checkbox"/> Individually or <input type="checkbox"/> As a contributing resource in a District					
Not Eligible: <input type="checkbox"/> Intact but lacks distinction or <input type="checkbox"/> Not 50 years old or <input type="checkbox"/> Altered - Choose one:					
<input type="checkbox"/> Reversible/ potentially eligible individually or in a District <input type="checkbox"/> Reversible/ ineligible, lacks distinction <input type="checkbox"/> Irretrievable lack of integrity					
Researcher/ Organization: Susanna Kuo, Historian A. Boyd/ SWCA-1220 SW Morrison St, Portland, OR 97205 City of Lake Oswego, 380 "A" Avenue, Lake Oswego, OR 97034 Additional research and review by Erin O'Rourke-Meadors				Date Recorded: August 2014	
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Statement of Significance

The first iron smelting operation on the Pacific Coast was established in 1865 in Oswego, Oregon, a small village on the west bank of the Willamette River 8 miles south of Portland. The Oswego iron works operated intermittently from 1867 to 1885 under the ownership of three different companies: the Oregon Iron Company (1865–1877), the Oswego Iron Company (1877–1882), and the Oregon Iron and Steel Company (1882–1885). The blast furnace was the centerpiece of an industry that eventually employed more than 600 workers, owned 24,000 acres of timber, two mines, railroads, two town-sites, workers' housing, barns, stores, and a cemetery (Hergert 1948:6; *The Oregonian* 1891).

The discovery of iron near Oswego in 1861 excited hopes that the West Coast could end its dependence on imported iron. In 1864 Oregon paid \$19,740 in import duties on iron shipped 14,000 miles around the Horn (Hergert 1948:3). Western foundries struggled to meet the demand for iron and steel products in the rapidly growing region. The establishment of an iron works in Oregon was hailed as "one of the most important and useful enterprises that has yet been undertaken ... on the Pacific Coast" (*San Francisco Bulletin* 1866).

On February 24, 1865, the Oregon Iron Company was incorporated by a group of Portland merchants whose investments in shipping and railroads, banking and real estate, and gas and water systems shaped the future of Portland as the cultural and commercial center of Oregon. Banker William S. Ladd was elected president of the company, H. C. Leonard, Vice-president, and Henry D. Green, Secretary (Hergert 1948:3). Controlling the means of iron production was part of their vision for a commercial empire in the Pacific Northwest.

The first pig iron was cast on August 24, 1867. Two weeks later, 50 tons of pig iron were shipped to San Francisco (Hergert 1948:5). Despite this auspicious start, the company soon encountered difficulties. The furnace was fueled by charcoal and charcoal production was very labor intensive. In sparsely populated Oregon, where labor was expensive, charcoal was one of the company's biggest expenses. Competition from cheaper eastern iron and a dispute over water rights brought operations to a halt in 1869. Operations resumed in 1874 under new ownership, but the company still struggled to make a profit. To satisfy a judgment in favor of the company's creditors, all the property of the Oregon Iron Company was sold at a sheriff's auction in 1877. (*The Oregon City Enterprise* 1877). The next owners were experienced iron makers from the Hanging Rock Iron Region of Ohio. Ernest W. Crichton, Lamar B. Seeley, and Charles Donohue incorporated the Oswego Iron Company on March 9, 1878 (Hergert 1948:15). They made numerous improvements to the furnace and doubled its output. They also opened a new tunnel in the mine on Iron Mountain, built a railroad from the mine to the furnace, and enlarged the company's timber holdings from 800 to 24,000 acres (*Journal of the United States Association of Charcoal Iron Workers (JCIW)* 1882). These improvements left them in debt and they decided to sell to Simeon G. Reed, who was eager to buy the company.

The Oregon Iron & Steel Company was incorporated on April 22, 1882. With financial support from railroad baron Henry Villard, Reed began ambitious plans to build a state-of-the-art iron and steel complex a quarter of a mile north of the original furnace. The old furnace was blown out for the last time on November 1, 1885. After many delays due to Reed's difficulty securing financing and lawsuits over his management of the company, the new furnace was blown in on October 18, 1888 (Hergert 1948:17–31; *JCIW* 1886). The capacity of the new furnace was five times that of the old one. In addition to a state-of-the-art blast furnace, the company also built the first pipe foundry west of St. Louis, which produced gas and water pipe for Portland's Bull Run water system and other cities on the West Coast (*The Oregonian* 1892; *West Shore* 1889: 232–238). The company's best year was 1890 when it produced 12,305 tons of pig iron.

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Unfortunately, the expansion of the operation coincided with one of the worst depressions in U.S. history, the Panic of 1893 (Hergert 1948: 35). Because of the large investment required for iron making, many charcoal blast furnaces closed. Throughout its history, the Oregon iron industry was undercapitalized and struggled to compete with cheaper British pig iron as the tariff on imports was repeatedly reduced (*The Oregonian* 1893, 1894). The new furnace shut down in early 1894 and hundreds of workers lost their jobs with less than a week's notice (Lake Oswego Public Library 2010). After repeated failures to revive the business, the furnace was sold to the Pacific Coast Steel Company in 1917. Oregon Iron and Steel retained ownership of the pipe works and continued to manufacture water pipe until 1928. Plans to start up the furnace never materialized and it was finally dismantled in 1929 (Daniels 1929:24–26; *The Oregonian* 1929).

Among the pioneer iron works built in Utah, Oregon, Washington, and California, the Oregon iron industry lasted the longest (27 years) and produced more iron than the other three combined (Daniels 1929:10–12). Portland's wealth of cast-iron architecture was closely linked to the Oswego iron industry and remains a lasting legacy of that enterprise (Hawkins 1976:190). Today the 1866 furnace in Oswego is the only surviving nineteenth-century iron furnace west of the Rocky Mountains. It reportedly withstood an attempt to dynamite it in the 1920s (*Lake Oswego Review* 1965). After narrowly escaping several proposals to remodel or demolish it, the furnace was listed on the National Register of Historic Places in 1974 (*Oregon Daily Journal* 1926; *The Oregonian* 1965).

In 2003, the Lake Oswego City Council appointed a citizen task force to study options for preserving the furnace. A Save America's Treasures grant paid for archaeological work and an engineering plan to stabilize the structure (Historic Furnace Restoration Task Force and City Staff 2008). Restoration work began in January 2009 and was completed in February 2010. The project subsequently received three awards: the 2012 Richard H. Driehaus National Preservation Award from the National Trust for Historic Preservation, the 2013 BAC Craft Award for Best Restoration Project from the International Union of Bricklayers and Allied Craftworkers, and the 2013 DeMuro Award for Excellence in Preservation from Restore Oregon.

Site Boundaries

The furnace site covers an area of approximately 5 acres bordered by the Willamette River on the east and Oswego Creek on the south. A long terrace extends across the north side. On the west, and shortest side, the land slopes down to the creek.

This area represents the original furnace site, which was purchased in two parcels. On January 26, 1864, Henry Dodge Green purchased 4 acres at the mouth of Sucker Creek (present-day Oswego Creek) along with a water rights easement to the east end of Sucker Lake (now Oswego Lake). On July 5, 1866, the Oregon Iron Company purchased two additional acres, which cover the area of the charging terrace (Oregon State Archives 1941).

A large complex of wooden buildings surrounded the furnace. The principal structures were the stack house, casting house, blast house, blacksmith shop, and the covered bridge that linked the furnace to the hill behind it (*The Oregonian* 1867). Raw materials were stored in large sheds on this hill, which was known as the "furnace bank" or the "charging terrace."¹ By building next to a hill, iron makers solved the problem of hoisting tons of raw materials to the top of the furnace every 15 to 20 minutes. They simply wheeled cartloads of charcoal, limestone, and ore across the bridge and dumped them into the open top of the furnace (Gordon 1996:14–15; National Park Service 1983). The flow of materials followed a continuous downhill path from the charging terrace to the river where the pig iron was loaded on ships.

The furnace site remained in iron company ownership for 80 years. In 1945 the city purchased it for the town's first public park (Fulton 2002:109). As a result, the site retains all of the natural features that made it a good location for an iron furnace.

¹ See historic photos of the stock houses in the Lake Oswego Public Library (LOPL #165 and #859) and the Oregon Historical Society (OrHi #1455, #21592, #21593, #21594, #21596).

The Iron Making Process

Elemental iron is rarely found in nature. To obtain pure iron, mineral ore (iron oxide) must be “smelted” to remove the oxygen. The type of ore mined in Oswego was bog ore or limonite, a hydrated form of iron oxide (Pumpelly 1886: 470, 496–497). The most efficient way of smelting iron is in a blast furnace, which consists of an inner wall of firebrick and an outer wall of stone enclosing the space where smelting takes place. At the Oswego furnace, air was blown into the base of the chamber through blast pipes that were cooled by water constantly circulating in a metal sleeve to prevent the pipes melting in the heat of the furnace.

Workers called “fillers” fed limestone, charcoal, and iron ore into the open top of the shaft every 15 to 20 minutes. As the solid materials descended and liquefied, a chemical reaction “reduced” or removed the oxygen from the iron. This transformation took place in the widest part of the shaft called the “bosh” where the temperature was around 2,800 degrees Fahrenheit. Molten iron collected in the bottom, which was known as the crucible or the hearth. Slag, containing the impurities from the ore, floated on top of the heavier iron. The furnace operated 24 hours a day, 7 days a week. It shut down only when there was a need for repairs or a drop in the market for pig iron (Gordon 1996:119–120).

Attached to the furnace was the “casting house,” a large open building with a sand floor. Several times a day the keeper opened the “slag notch,” a hole on top of the dam stone, and let the slag floating on top of the iron run into a pit on one side of the floor. Once cooled, the slag was broken up and dumped on the riverbank. Every 12 hours, workers called “guttermen” prepared molds in the sand. When enough iron had accumulated in the bottom of the furnace, the keeper broke a clay plug in the dam stone, releasing a stream of white-hot metal. The iron poured down a long channel and filled the trenches in the sand. Early ironworkers saw a resemblance in the pattern of molds to a sow nursing piglets so they named the long trenches “sows” and the short ones “pigs.” When the ingots had cooled, they were broken off the sow with a sledgehammer. A bar of pig iron was typically about 3 feet long and weighed a little over 100 pounds (Gordon 1996:121–124). Pig iron is a crude form of iron, which must be further refined to make all kinds of iron and steel products.

The enormous acreage owned by the company was necessary for its mining and charcoal operations. There were two mines, the Patton Mine on the south side of the lake and the larger Prosser Mine on the north side, which provided three-quarters of the ore. Charcoal making was the company’s biggest expense because it was so labor intensive (*The Oregonian* 1876). More than half of the company’s workforce was engaged in charcoal production and the majority were Chinese woodcutters, who cut old-growth Douglas-fir into cordwood for the charcoal burners or “colliers.”

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<p>Description of Surviving Resources</p> <p>Furnace</p> <p>BUILDER</p> <p>In 1866, H.C. Leonard, vice president of the Oregon Iron Company, was delegated to recruit a furnace builder. He hired 23-year-old George D. Wilbur of Sharon, Connecticut, to supervise construction of the furnace (Oregon Iron Company 1866). Wilbur was a protégé of the celebrated furnace builder Isaac Newton Bartram of Sharon, Connecticut. The Oswego Furnace was modeled on the Lime Rock Furnace, a furnace that Wilbur had helped build for the Barnum Richardson Company (Kirby 2011:75–81). The Oswego Furnace had all the hallmarks of a Connecticut furnace: fine ashlar masonry, Gothic arches, and a barrel-vaulted flue in the rear wall of the stack. Construction began in the spring of 1866 and was completed 10 months later, whereupon Wilbur returned to Connecticut. The first pig iron was cast on August 27, 1867. A few months later, the iron works were photographed by legendary San Francisco photographer Carleton E. Watkins.²</p> <p>STACK</p> <p>Stone for the furnace was quarried from a basalt ledge on the north side of the lake (<i>Oregon Daily Journal</i> 1926). The furnace or “stack” is shaped like a truncated pyramid and the four sides are pierced with arches of red brick. Blast pipes or “tuyeres” were inserted through the three smaller arches and the furnace was tapped through the largest arch, known as the “casting arch.” Iron tie rods run through the masonry to prevent the stack from swelling from the intense heat. The rods are held in place by anchor plates with keys inserted through slots in the ends of the rods (Gordon 1996:106).</p> <p>Historic sources disagree about the dimensions of the stack so measurements were taken during the 2009 restoration. They showed that the original stack was 32 square feet at the base, 32 feet high, and 26 square feet on top. Furnaces of this size were known as a 10-ton “stacks” because they could produce a maximum of 10 tons of iron a day, although the reality was about 8 tons (<i>The Oregonian</i> 1866). In the winter of 1878–1879 the second owners added 12 feet to the top of the stack, making it 44 feet high (<i>JCIW</i> 1880a:7–8). The stonework of the addition lacks the refinement of the original masonry, but the added height and the improvements to the blast system doubled the productivity of the furnace (<i>JCIW</i> 1880b:33).</p> <p>FOUNDATION</p> <p>Because of their immense weight, iron furnaces were built on a massive foundation. An archaeological investigation by Heritage Research Associates in 2006 confirmed that the foundation is 10 to 12 feet deep and rests on bedrock (Minor 2008:56). Instead of being a single monolithic structure, the foundation was built in two tiers. The lower tier is a rough platform of dry-laid basalt approximately 35 square feet and 7 or 8 feet high. Sitting on top of this are four diamond-shaped platforms that support the four piers of the furnace. These footings are 32 inches high. In the center of the second tier is the firebrick hearth, also 32 inches high. The space between the piers (inside the arches) is filled with sand. This loose sand would have been easy to shovel out when the workers needed to repair the hearth (Minor 2008:57–59).</p>	
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² Carleton E. Watkins photographs are on file at the Oregon Historical Society (OrHi #1455, #21592, #21593, #21594, #21596).

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<p>Archaeological investigations in 2005 and 2006 exposed two enigmatic channels running into the casting arch and east tuyere arch. These brick-walled channels were about 15 inches wide, 8 to 10 inches high, and capped with crude cast-iron plates. When one of the plates was lifted, nothing but clean sand was found inside. Both channels slope down toward the center of the furnace at an angle of roughly 11 degrees and disappear under the hearth. Their purpose is unknown (Minor 2008:61).</p> <p>INWALL</p> <p>The inner wall of the furnace, made of firebrick, is completely missing. Historic photos suggest that it was removed shortly after the furnace was decommissioned. As a result, one can now walk through the arches into the furnace shaft, which was originally a closed chamber. The lining was 35 inches thick at the base of the crucible and about 30 inches thick at the top of the shaft (Crichton 1881). Brands on firebricks recovered during archaeological work show that over 90 percent of the bricks were imported from Scotland and England with the remainder from America (Minor 2008:61–65). The refractory lining was the most important and most expensive material in a furnace because of its ability to withstand the volcanic temperatures and corrosive action of molten iron and slag (Johnson 1917:272–273). It seems likely that the inwall was removed so the bricks could be reused in the new furnace. Stockpiles of firebricks were always kept on hand for repairs. Today all that remains of the smelting chamber is the base of the crucible, which is filled with iron bonded to the bricks. This build-up of solidified or “chilled” iron is known as a “salamander” or a “bear.” When it grew to such a size that it threatened to block the tap hole or blast pipes, it had to be removed, an arduous task that required tearing apart the hearth (Johnson 1918:228–341). Two salamanders were found on the riverbank. In 2005 they were moved to better viewing locations near the furnace.</p> <p>CHIMNEY AND HEAT EXCHANGER</p> <p>The Oswego Furnace is what was known as a hot blast charcoal furnace, meaning the blast was preheated and the furnace burned charcoal fuel, rather than coke or anthracite. Early photos show that two important features on top of the stack—the chimney and the heat exchanger—were removed shortly after the furnace was abandoned. Like the inwall, these structures were probably dismantled so the bricks could be reused.</p> <p>During the 2009 restoration, the footprint of the heat exchanger was discovered on top of the stack (Minor 2010:35–39). Preheating the air consumed less fuel and improved efficiency. A double row of U-shaped iron tubes filled the interior of the brick-walled heat exchanger. As pressurized air passed through the tubes, it was heated to about 800 degrees by hot furnace gases. The preheated blast was piped to the base of the furnace where it was injected into the crucible. As <i>The Oregonian</i> described it, “the effect upon the burning mass of coal, ore and lime is something too fierce for description” (Gordon 1996:110–114; <i>The Oregonian</i> 1867).</p> <p>DUCTWORK</p> <p>None of the original cast-iron ductwork has survived. Like the firebricks, it was probably salvaged. Two channels in the shaft wall show where the original downcomer pipes were located. When the furnace was remodeled in 1878, the dual downcomers were replaced with a single downcomer outside the stack.³</p>	
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³ The downcomer is clearly shown on the exterior of the stack in a ca. 1890 photo in the collection of Alex Blendl.

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HOT GAS FLUE

High up on the northeast wall of the stack is a barrel-vaulted brick flue. In Connecticut where streams can run dry in summer and freeze in winter, the combustible gases from a furnace could be used to heat a boiler and run a steam engine when waterpower was not available. There is no evidence that the flue in the Oswego Furnace was ever used for this purpose. What is certain is that both ends of the 7-foot flue were bricked up when the height of the stack was increased in 1878–1879.⁴ The flue could not have been used after this date because it was below the stock line. By the late twentieth century bricks had fallen out of the flue and barn owls were using it as a roost. Because the flue is such a handsome feature, the decision was made during the 2009 restoration to remove the remaining bricks blocking the flue and restore it to its original condition (Minor 2010:14–18). As a precaution against roosting owls, the open ends of the flue were fitted with acrylic covers.

BLAST HOUSE

The blast house foundation is the most significant surviving remnant of the iron works after the furnace. It was built above the creek just west of the furnace.⁵ A flume running down the north side of the creek carried water to the turbine inside the blast house. According to an August 27, 1867, article in *The Oregonian*, the building was 38 square feet. A Leffel double turbine water wheel drove the blowing engine, which consisted of a pair of wooden tubs fitted with pistons driven by a walking beam (*The Oregonian* 1867). Pressurized air from this machine was sent through a long pipe to the heat exchanger on top of the furnace. Portions of the blast house foundation survive, but outflow from a culvert under Green Street has eroded much of it. In the summer of 2012 the city installed a large drainage pipe to channel water away from the foundation. While this work was being done, the site was photographed and surveyed by senior archaeologist Rick Minor of Heritage Research Associates and Lake Oswego researcher Susanna Kuo. Portions of three parallel walls can be seen above the ground. They appear to be interior walls rather than perimeter walls of the building. The top of a large iron cylinder 45 inches in diameter is exposed near the lowest wall. A flange around the rim is studded with heavy iron bolts. This may have been the discharge cylinder for the water turbine (Leffel News Print 1885). Three large anchor bolts protrude from the tallest wall, which is completely buried except for its top.

CHARGING WALLS

The charging terraces behind early iron furnaces were typically reinforced with one or more masonry walls. Early photos of the Oswego Furnace show at least two walls. The stone wall immediately behind the furnace appears to have changed little since the furnace was photographed in 1866.⁶ A much larger wall once supported the south side of the charging terrace and the end of the ore house. This wall has disappeared, but some of its stones appear to have been used in a low wall bordering the road behind the furnace.⁷ Several of these stones contain quarry marks, which suggests they came from the charging wall.

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⁴ See historical photos in the Lake Oswego Public Library (LOPL #773, #1595, and #3342).

⁵ See historical photos in the collections of the Oregon Historical Society (OrHi #21593, #21594, #21596) and the Lake Oswego Public Library (LOPL #133b, #165, #3542).

⁶ See photo #837 in the collection of the Lake Oswego Public Library.

⁷ See Photo #133b in the Lake Oswego Public Library, C.E. Watkins photo #21592 in the Oregon Historical Society, and c. 1890 photo in the collection of Alex Blendl.

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SLAG HEAPS AND FURNACE PRODUCTS

Although slag heaps might seem to be of little consequence, they are the most enduring feature at furnace sites and can reveal much about the type and quality of iron produced there. Other artifacts are often found in slag deposits so they are a valuable archaeological resource (Weitzman 1980:142–143). In George Rogers Park, slag deposits cover much of the riverbank as well as the creek bank near the north end of the footbridge. During the park renovations of 2005, several of these deposits were exposed while a path and the stairway to the beach were being constructed. The slag in George Rogers Park is predominantly black, but there is a wide range of colors from sapphire blue to turquoise and green. The texture also varies enormously from solid, glassy chunks to frothy pieces that will float. Materials found in the slag deposits during archaeological monitoring included nails and spikes, firebricks, ceramic fragments, and a bar of pig iron (Minor 2006:11–14, 30–33). The two “salamanders” were also discovered on top of the slag deposits. A giant mass of slag and firebrick (probably the product of a furnace accident) rests on top of a slag deposit near the north end of the footbridge over the creek.

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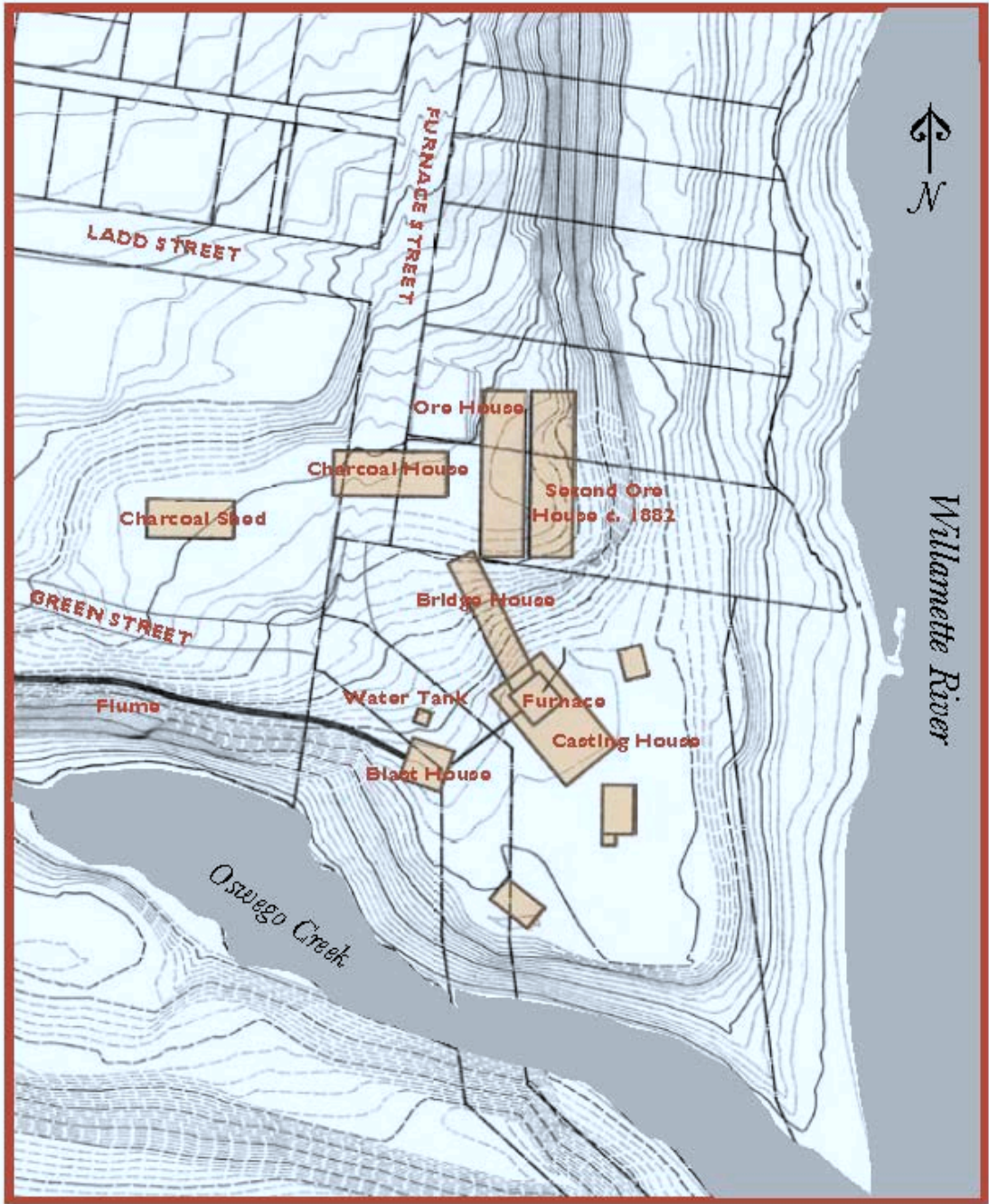


Figure 1. Site map of the Oregon Iron Furnace..
Courtesy of Susanna Kuo

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*Frame #(s):

Local Designation #:

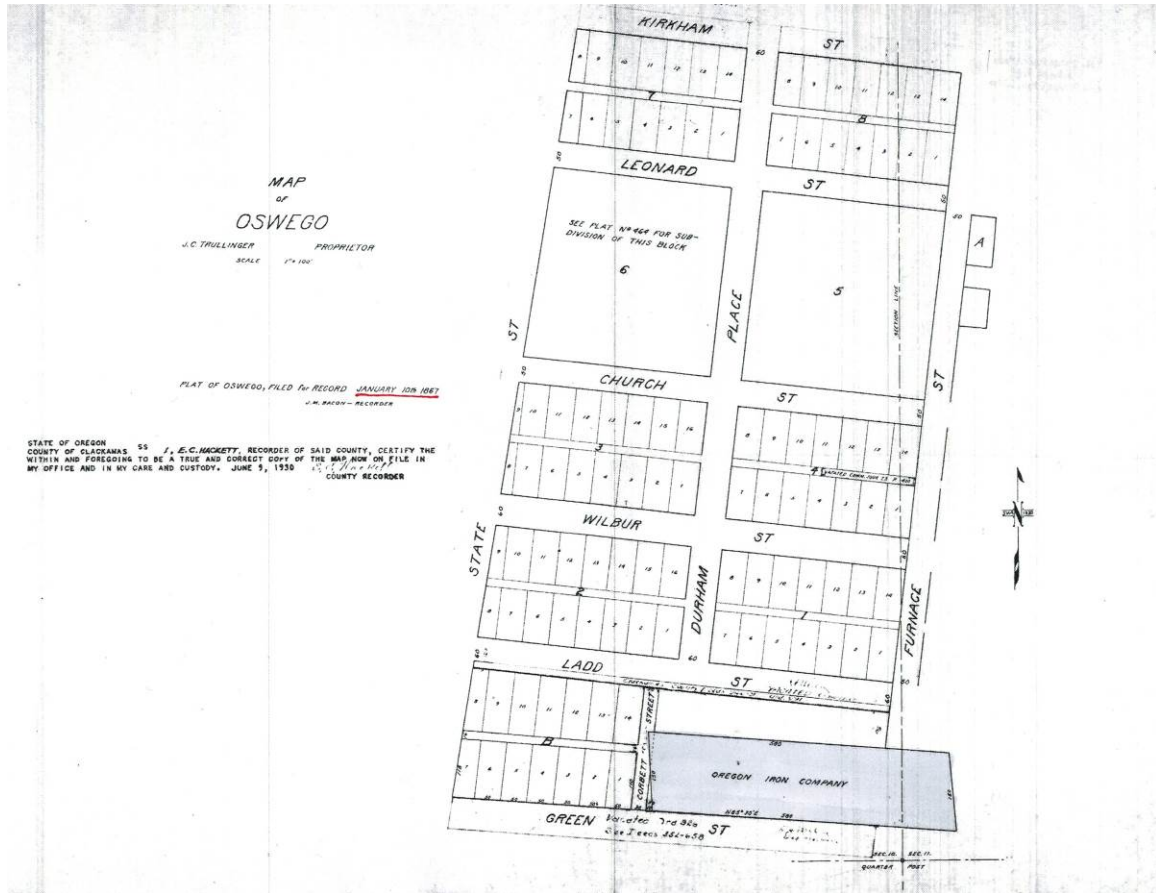
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Figure 2. Oswego Plat. 1867.
Photo courtesy Susanna Kuo



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Figure 3. Blast furnace and Old River Road bridge. 1911.
Photo courtesy of the Lake Oswego Public Library. Photo ID. 131d



Figure 4. Postcard, furnace, center. Date unknown.
Photo courtesy of the Lake Oswego Public Library. Photo ID. 2289

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**Figure 5. Imprinted Oswego Ore, . unknown.
Photo courtesy of the Lake Oswego Public Library. Photo ID:133B**

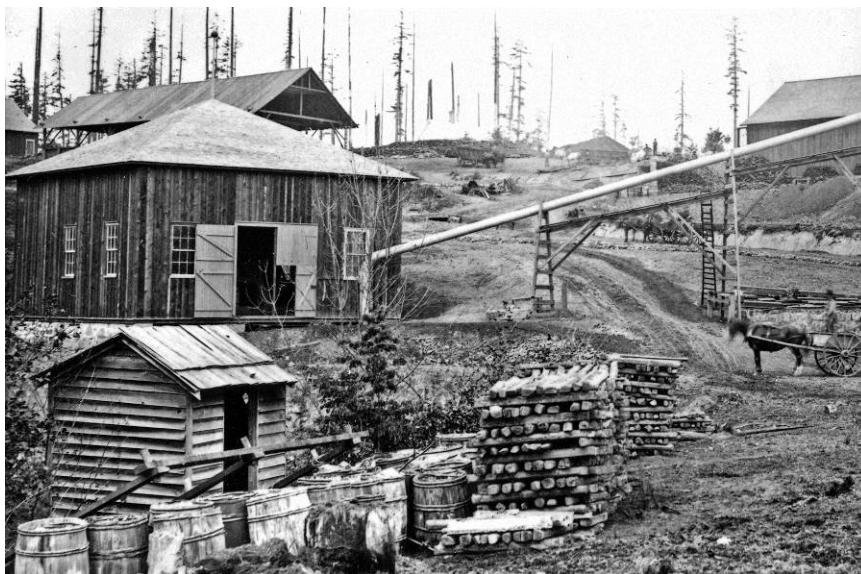


Figure 6. Detail photo of Blast House, Oregon Historical Society #21593. date unknown.

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**Figure 7. Likely the oldest picture of the furnace. 1867.
Photo courtesy of the Lake Oswego Public Library. Photo ID:770b**

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Figure 8. Blast House ruins. 2012.
Photo by Susanna Kuo



Figure 9. Blast House ruins. 2012.
Photo by Susanna Kuo

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**Figure 10. Slag from George Rogers Park. 2009.
Photo by Susanna Kuo**

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City of Lake Oswego, 380 "A" Avenue, Lake Oswego, OR 97034
Additional research and review by Erin O'Rourke-Meadors

Date Recorded:
August 2014

*Photo Roll #:

*Frame #(s):

Local Designation #:

SHPO #:

*County:
Clackamas

City:
Lake Oswego

Street Address:
Situs Address



**Figure 11. Salamander, with furnace in back, George Rodgers Park. 2010
Photo by Susanna Kuo**



**Figure 12. Blast House. 2010.
Photo by Susanna Kuo**

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Figure 13. Furnace, interior, looking up, George Rodgers Park. 2010
Photo by Susanna Kuo



Figure 14. Furnace 2010.
Photo by Susanna Kuo

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Street Address: Situs Address George Rogers Park, State Street		City: Lake Oswego

Architect and / or Builder(s): George D. Wilbur Stone Mason: Richard Martin	Owner Type: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Mixed Owner Name(s): City of Lake Oswego Address: George Rogers Park, State Street City, State, Zip: Lake Oswego, OR 97034 Phone Number(s): 503-635-0290
Addition or Subdivision Name: Albert Durham DLC	
Area(s) of Significance:	
Property Category: <input type="checkbox"/> Building <input checked="" type="checkbox"/> Structure <input type="checkbox"/> Site <input type="checkbox"/> Object <input type="checkbox"/> District	

Documentation		
Research Sources: <input type="checkbox"/> Title/ Deed Records <input checked="" type="checkbox"/> Sanborn Maps <input type="checkbox"/> Obituary Index <input checked="" type="checkbox"/> City Directories <input type="checkbox"/> Census Records <input checked="" type="checkbox"/> Biographical Encyclopedias <input checked="" type="checkbox"/> Newspapers	<input type="checkbox"/> Building Permits <input type="checkbox"/> Tax Records <input type="checkbox"/> SHPO Files <input type="checkbox"/> State Archives <input type="checkbox"/> State Library <input checked="" type="checkbox"/> Local Histories <input type="checkbox"/> Personal Interviews <input checked="" type="checkbox"/> Historic Photographs	Local Library (specify): Lake Oswego Public Library University Library (specify): Historical Society (specify): Other (specify):

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