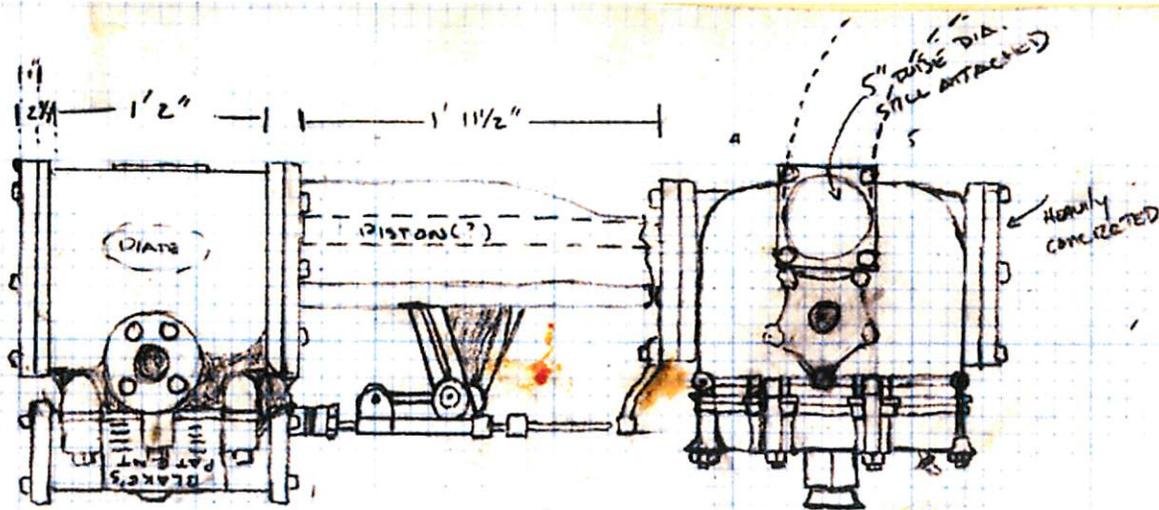




The Foundry Building - Past and Future



FLANGE - 6 3/4" DIA.
INNER HOLE 2 1/2" DIA.

ON THIS FACE:

BLAKE'S
PATENT

APRIL 12	JAN 1
1864	1867
APRIL 12	FEB 20
1871	1872

PISTON 1 1/2" DIA

3" - 4" (TAPERS TO 2" DIA)

ON THIS FACE IS:
GEO. F. BLAKE
MFG. CO. NO. 8
BOSTON
NEW YORK

PLATE WAS ORIGINALLY MISSING WHEN BROUGHT UP.
FOUND IN CONNECTIONS NEXT TO IT. PLATE

SAYS GEO. F. BLAKE MFG CO.
MAKERS
BOSTON & NY

SEE DRAWING & DIGITAL PHOTOS

BASE STILL ATTACHED
TO BACK
OVERALL 5' 6 1/2"

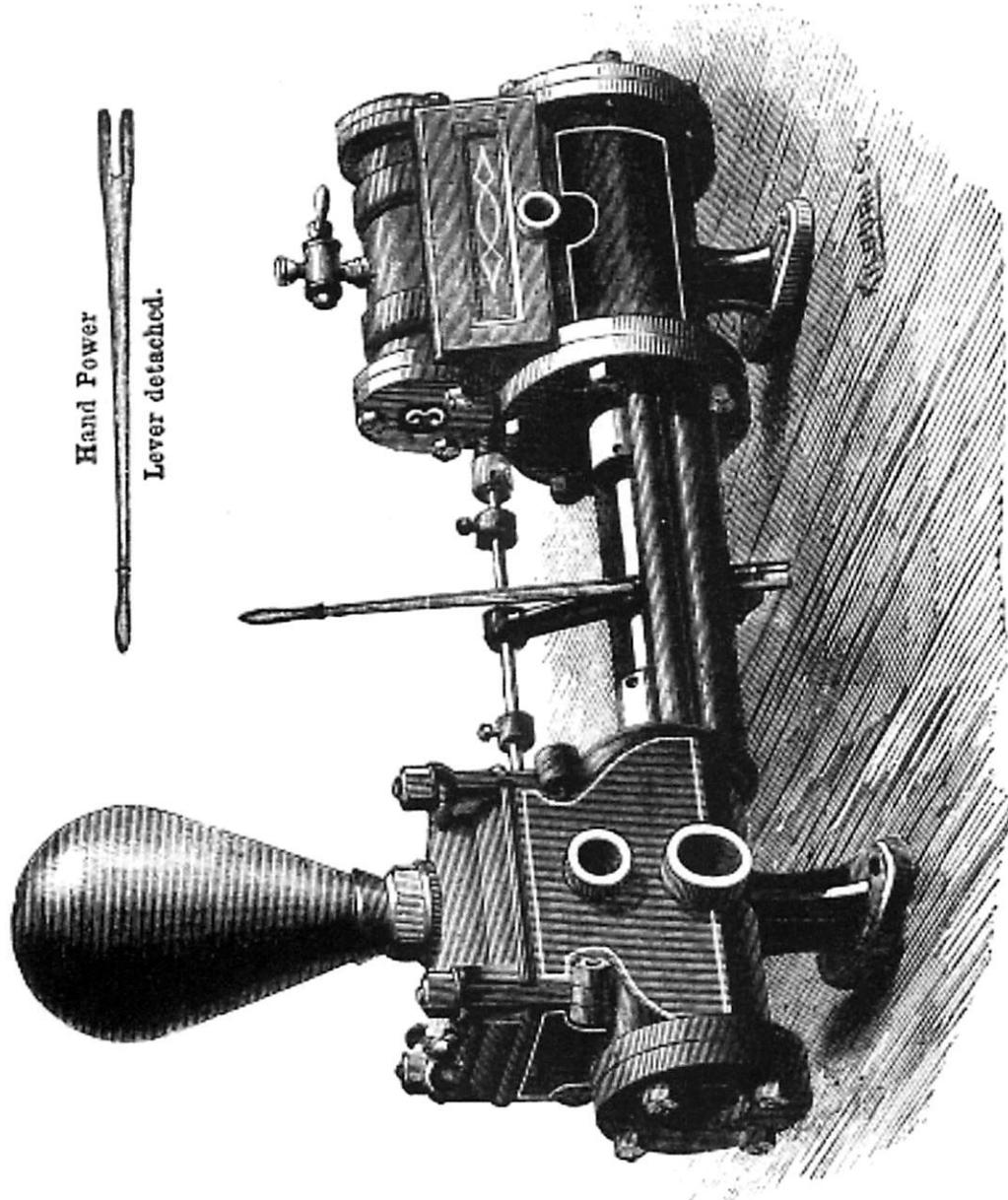
SIDE VIEW of #2229
BIKE PUMP
6/5/01
A. COOK, G. COOK

PLATE GOES w/

WRITING IS ON BOTH SIDES
↑
CONCERNING DATEST DATES

Digital - 977-80,
1000-1003
1055-1057
(4-22-24)
(5-13814)

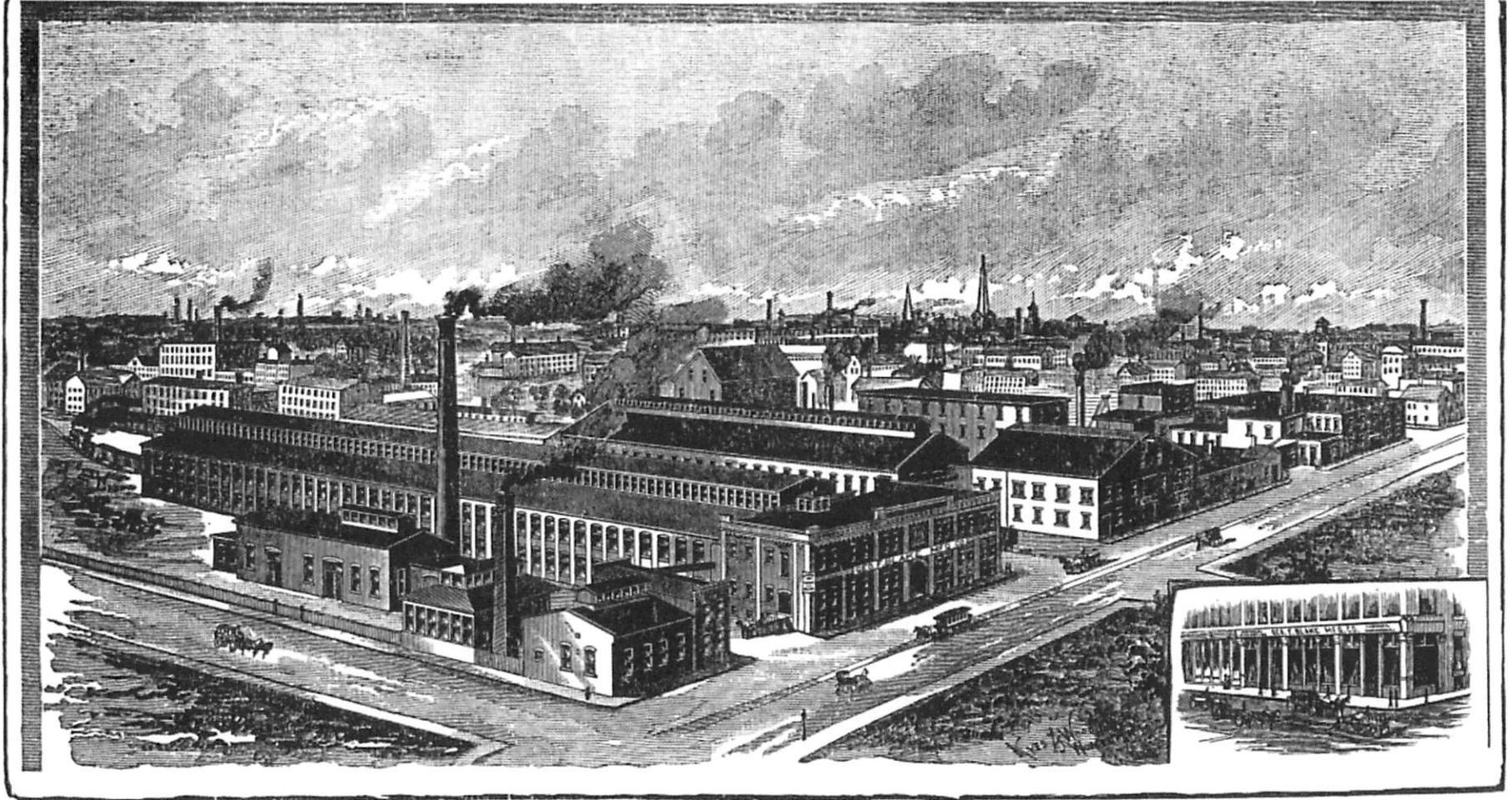
In 1862 George Blake, a Medford brickyard operator, invented a pump that removed water from brickyard clay pits, thereby transforming the brickmaking process.



Hand Power
Lever detached.

BLAKE'S PATENT STEAM-PUMP.

The pump proved to have many uses, from fire prevention to emptying bilges on naval ships.



FACTORY OF THE GEO. F. BLAKE MANUFACTURING CO. at East Cambridge, Mass.

Cut was made about 1891 and shows extent of the works at that time

Cut in lower corner shows The Blake Boston Sales Office of this period, which was located at 111 Federal Street

To capitalize on this invention, in 1886 Blake founded the George F. Blake Manufacturing Company in East Cambridge, on the corner of Third and Binney Streets.

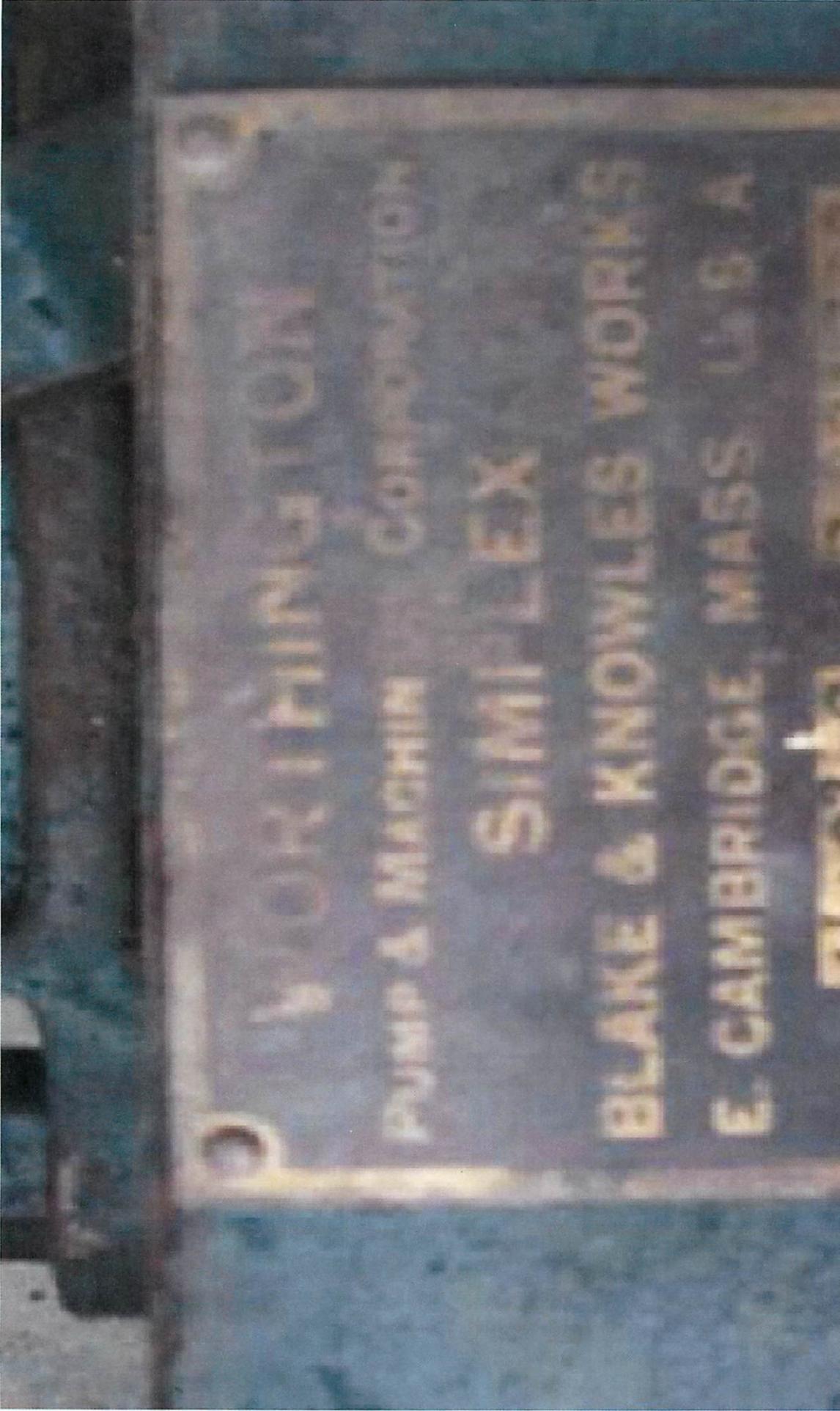


FACTORY OF THE GEO. F. BLAKE MANUFACTURING CO. at East Cambridge, Mass.

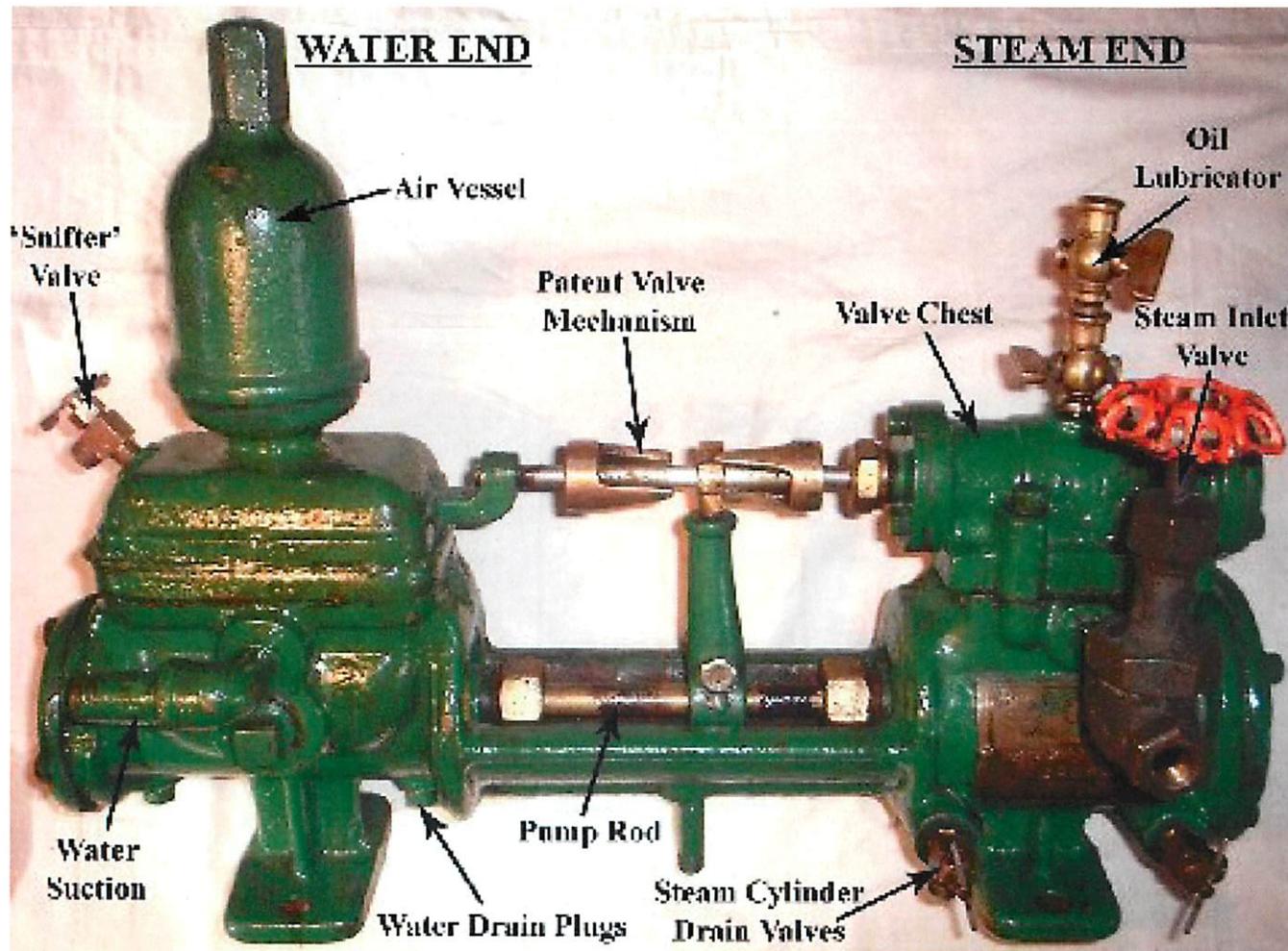
Cut was made about 1891 and shows extent of the works at that time

Cut in lower corner shows The Blake Boston Sales Office of this period, which was located at 111 Federal Street

The present Foundry Building was built in ~1895 in the circled area, replacing the buildings shown here in 1891. It was equipped with two electric traveling cranes, each with a 35-ton capacity. Its furnaces melted fifty tons of iron daily, considerably more than the average foundry of its day. It featured an unusual truss system of reinforced double wood trusses rising up within the clerestory to support the beam on which the crane moved.



The Blake and Knowles company was acquired in 1916 by the Worthington Pump and Machine Corporation. Worthington renamed the facility the "Blake and Knowles Works"



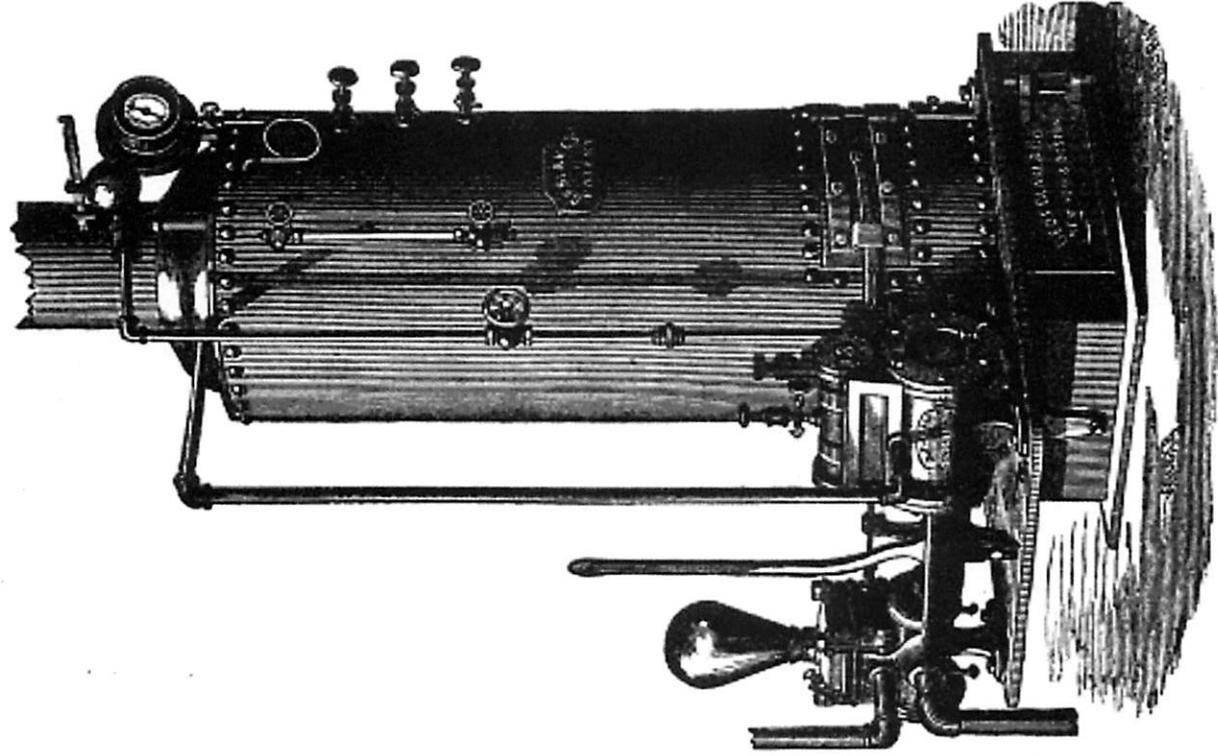
The Foundry's principal product continued to be pumps. Products included pumps for marine use, waterworks, tanneries, soap works, cotton, woolen, paper and silk mills, for quarries, foundries, chemical works, mines, artesian wells, elevators, sewage facilities, fuel oil, air compressors, and steam engines. The company was a major force in its industry. For instance, by 1930, pumps made at the Blake and Knowles Foundry were found in ninety percent of the US Navy's ships.



Main Machine Shop Floor of THE GEO. F. BLAKE MFG. CO. FACTORY at East Cambridge, Mass.
Cut was made about 1891 and shows appearance of shop at that time

Originally the building was open inside, and would have looked something like this image -- a drawing of the interior of the Blake and Knowles machine shop across the street.

The Foundry building was retooled and redesigned over the years, playing roles as a motor freight station, a fastener factory making parts for carriages, an aircraft parts factory, and eventually a home to numerous Kendall Square startups in fields ranging from telephone systems to pharmaceuticals.



**BLAKE'S COMBINED STEAM PUMP AND
BOILER.**

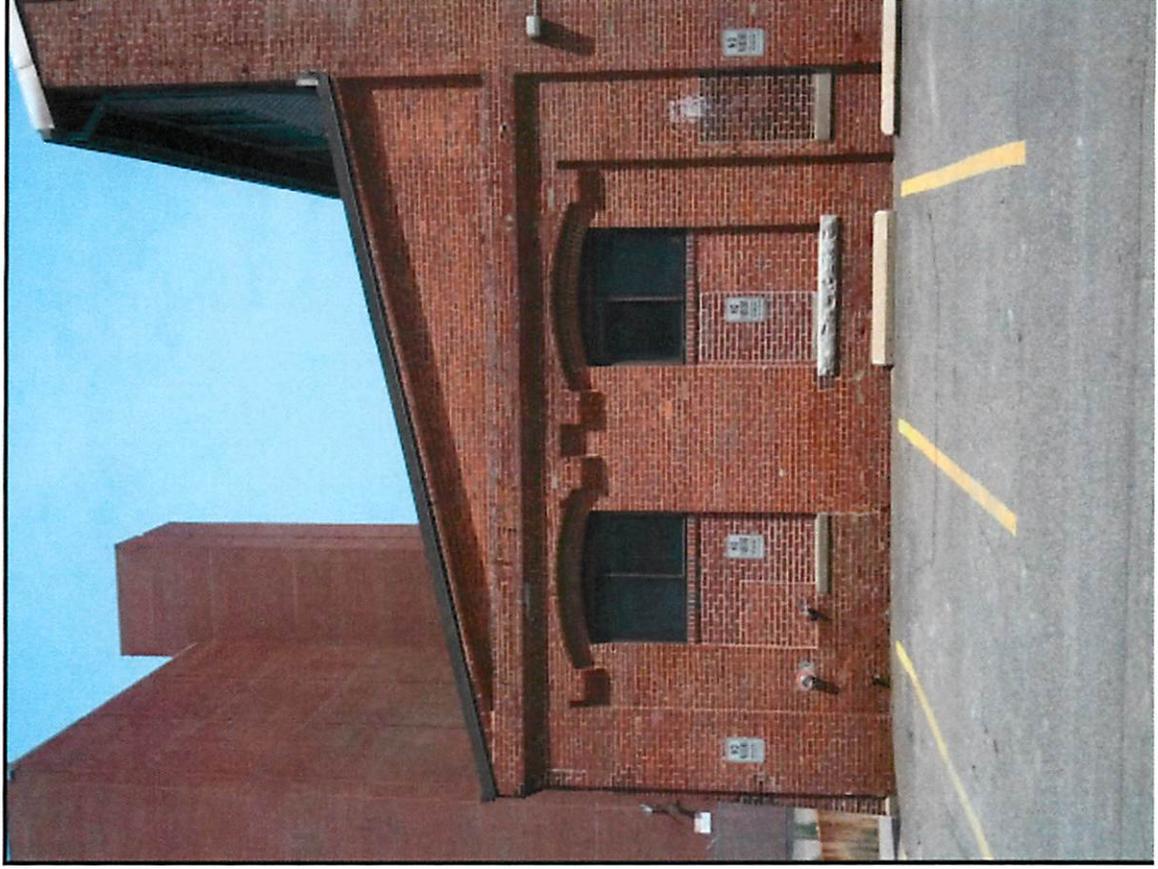
Today

Today the Foundry building is owned by the City of Cambridge, and lies 100% vacant, costing the city in maintenance and utilities.

At the same time, many attractive community uses have presented themselves.

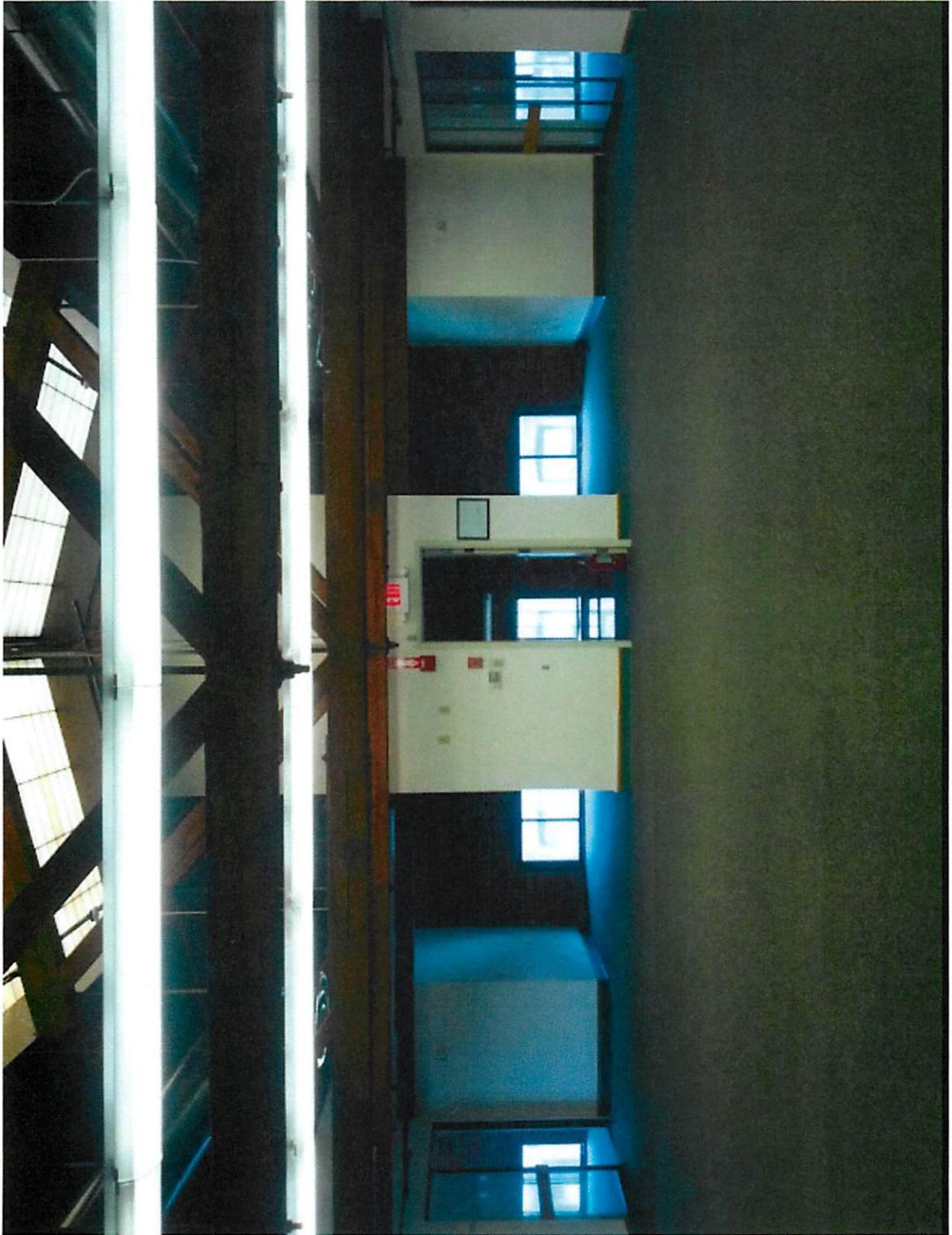
Cambridge Innovation Center proposes to transform the building into a multi-use innovation community center of the future

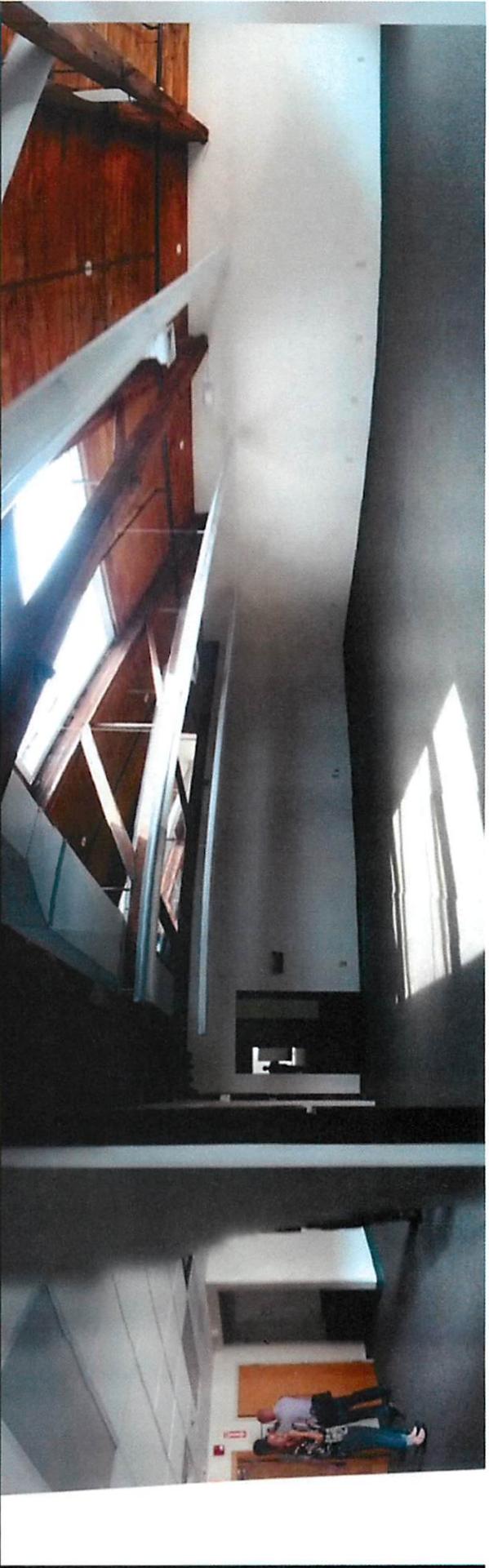
The Foundry Building Today













Concepts for the Foundry Building

Classes in 21st century skills, improving access to the types of jobs being created in Kendall Square

Gathering spaces to promote social interaction and community fabric

A shared workspace for social benefit organizations dedicated to making the planet better

A day-care center.

Shared gym-membership style facilities such as a machine shop and a culinary kitchen

Affordable workspace for startups

What are your ideas?

Classes



GENERAL ASSEMBLY

EDUCATION / COMMUNITY / CAMPUS / EVENTS



902 BROADWAY, 4TH FLOOR
NEW YORK, NY 10010



GET STARTED

JOIN OUR MAILING LIST

Receive our weekly newsletter of upcoming classes and events. Never spammed, never shared.

Email Address



ON-CAMPUS THIS WEEK

View all: [Classes](#) | [Events](#)

Monday, May 21

How to Hire and Retain Developers ▶
Debbie Madden, SVP, Cyrus Innovation

Mobile/Tablet Advertising Ecosystem ▶
Paul Canetti, Founder and CEO, MAZ

Marketing For Cheap ▶
John Fischer, Marketing & Brand Strategist

Tuesday, May 22

Introduction to Developing Entrepreneurial Ideas ▶
William Reinisch, Venture Advisor, Paladin Capital

Leveraging the eBook Publishing Revolution ▶
Jennifer S. Wilkov, Book & Business Consultant.

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18 May / [Education](#)

(0 Comments) 17 May / [Education](#)

(0 Comments)

Community Gathering Space



Day-care



East End House

Inspiring Achievement. Strengthening Communities.

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Child Care Program

East End House's Child Care Program serves 54 children age 15 months to 5 years old in two Toddler and two Preschool rooms. The program is nationally accredited by the National Association for the Education of Young Children (NAEYC). The largest and most influential organization of early childhood educators and professionals dedicated to improving the quality of programs for children from birth through third grade, the NAEYC recognizes early childhood programs for the high standard of their services. The program operates year round, Monday thru Friday, 7:30 a.m. - 5:30 p.m. with a curriculum that is fun, educational, and adapted to the needs of the children.

Program Hours and Fees

TODDLERS (15 months - 2.9 years)

Includes breakfast, lunch & an afternoon snack

Monday - Friday 7:30 AM - 5:30 PM

\$315 /per week

PRE-SCHOOL (2.9 years - 5 years)

Includes breakfast, lunch & an afternoon snack

Monday - Friday 7:30 AM - 5:30 PM

\$225 /per week



"East End House is great. I have recommended it to friends."

- Child Care Program parent

Gym-Membership Style Shared Facilities



what do YOU want to make?

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Click on event for more information

San Francisco, CA



**College of
Lockpicking
Workshop**

Wed May 23, 7PM

San Jose, CA



**Introduction to
Bookbinding:
Coptic**

Sat May 26, 2PM

Menlo Park, CA

Sun May 27, 12PM

Raleigh-Durham, NC

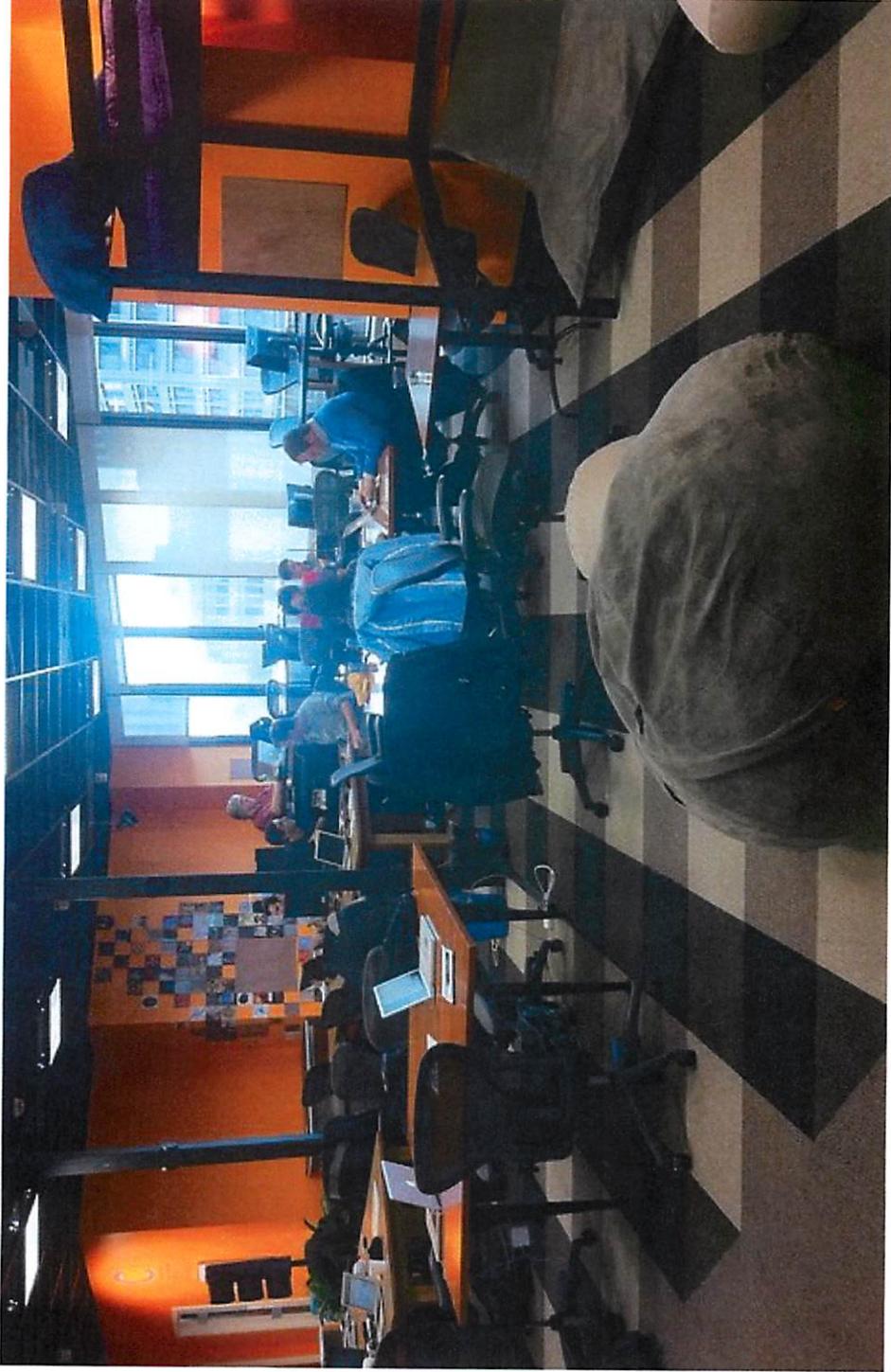


**Public Aluminum
Casting Night**

Thu Jun 07, 7PM

Detroit, MI

Affordable Workspace for Startups



**What does the Foundry Building's
next chapter hold in store for us?**