

# Great Houses of the Delaware Valley

Warren Williams AIA



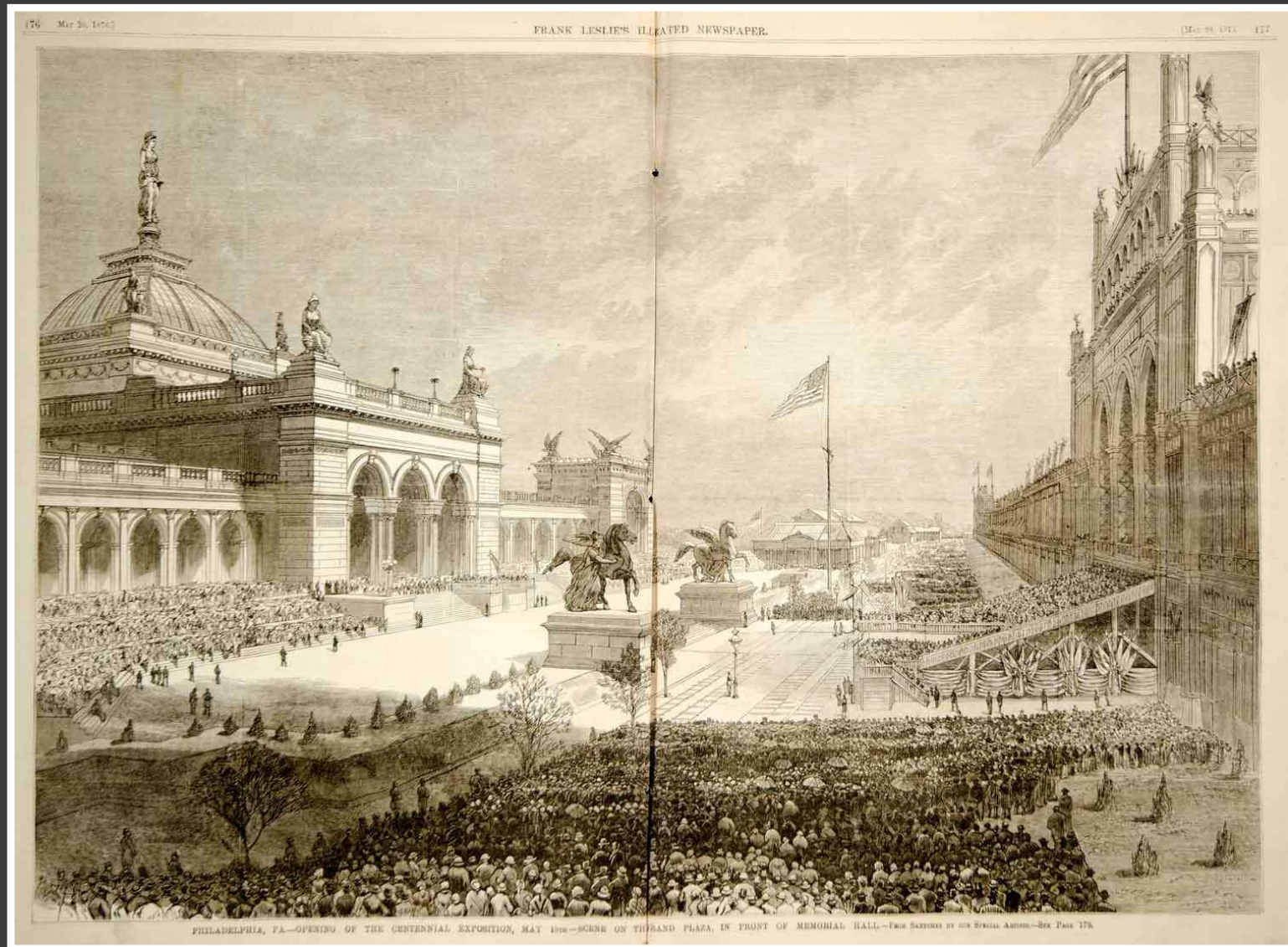
Week 6 - At Home in the 20<sup>th</sup> Century  
1903 - 1939

# Issues

- How did the wealth created by industrial society impact how the wealthy lived?
- How did the need to connect to an earlier America impact style?
- How did technology change middle class housing?
- Where are all the 20<sup>th</sup> century house museum?



# Centennial International Exhibition 1876



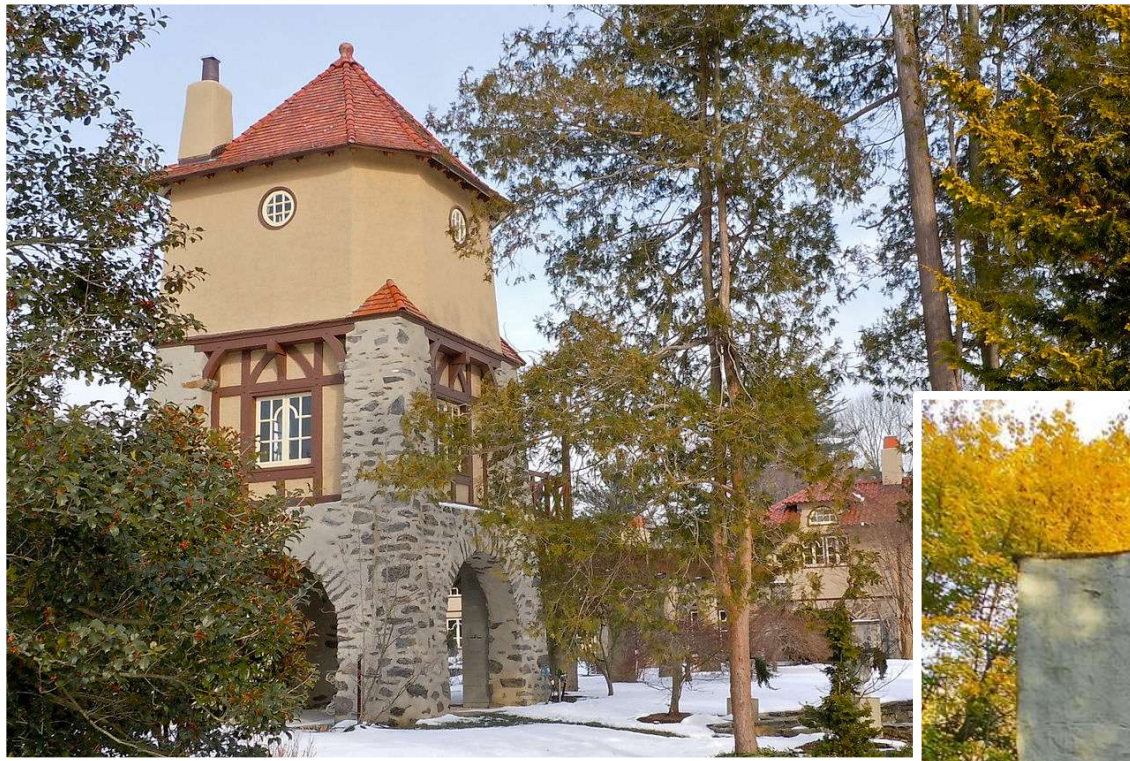
# Arts & Crafts

- Inspiration from British Arts and Crafts Movement 1880-1920
- Emphasis on hand made objects and integration of design and craft
- Communal values and rejection of class structure and designer/fabricator split.
- Integrate building and landscape to create impression of age



# Rose Valley 1901-1910

## Price and McLanahan



Smallbones Wikimedia



Smallbones Wikimedia



# Jacob Reed and Sons – 1904

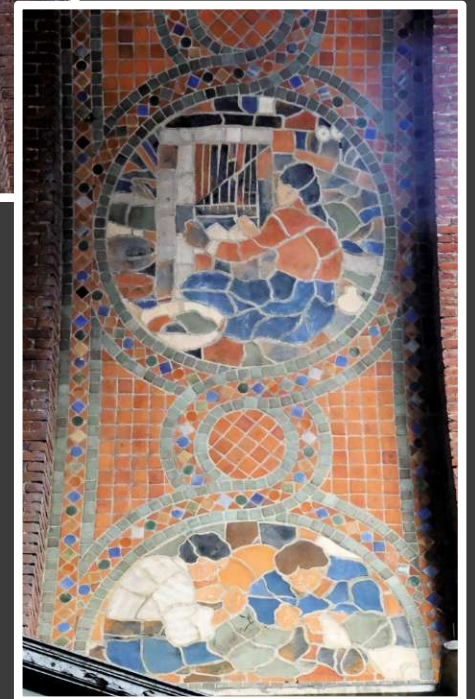
## Price and McLanahan



Olson Collection, Athenaeum of Philadelphia.



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# Fonthill – 1908

525 East Court Street, Doylestown, PA Henry Mercer





# Henry Chapman Mercer

1856-1930



- 1879 Graduates from Harvard
- 1880 Founding member of Bucks County Historical Society
- 1881 Graduates Penn Law
- 1881-1889 travels in Europe
- 1894 to 1897, Curator of American and Pre-historic Archaeology at The University of Pennsylvania Museum, Philadelphia.
- 1897 Begins collecting, including early German Pottery
- 1898 founded Moravian Pottery and Tile Works
- Publishes several books on early American houses and tools and a collection of supernatural stories.



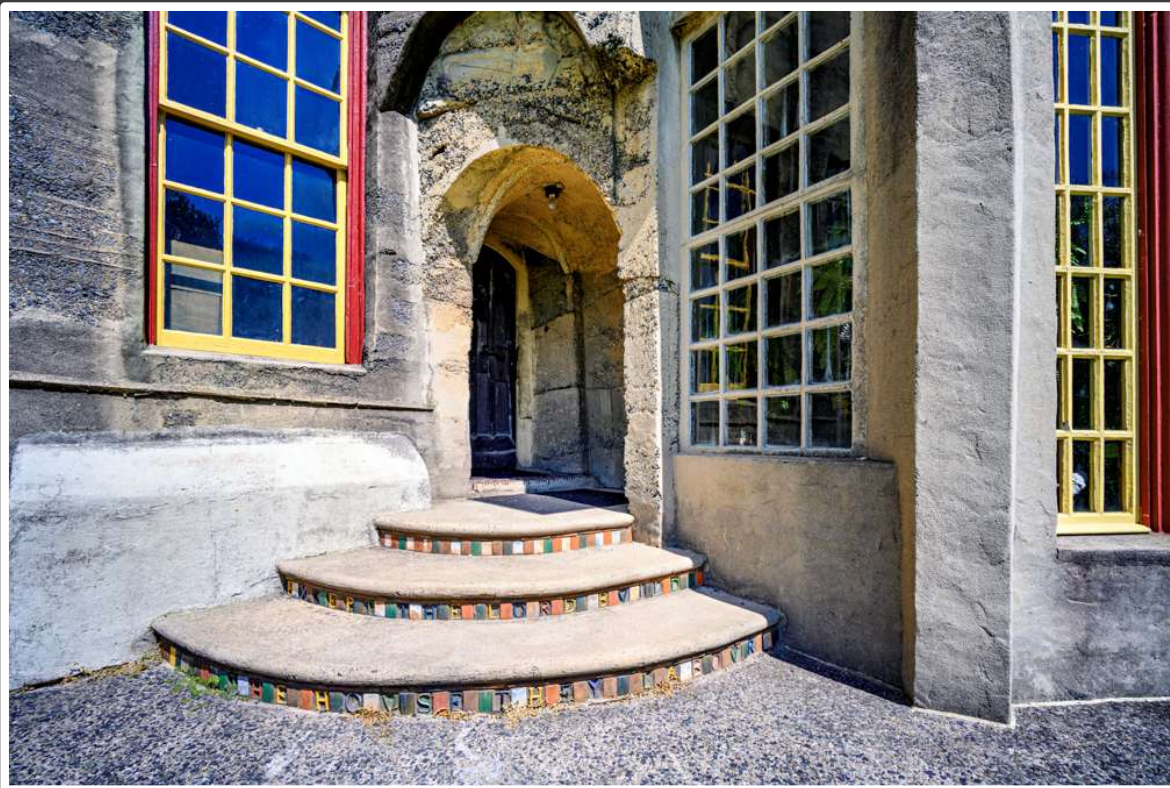


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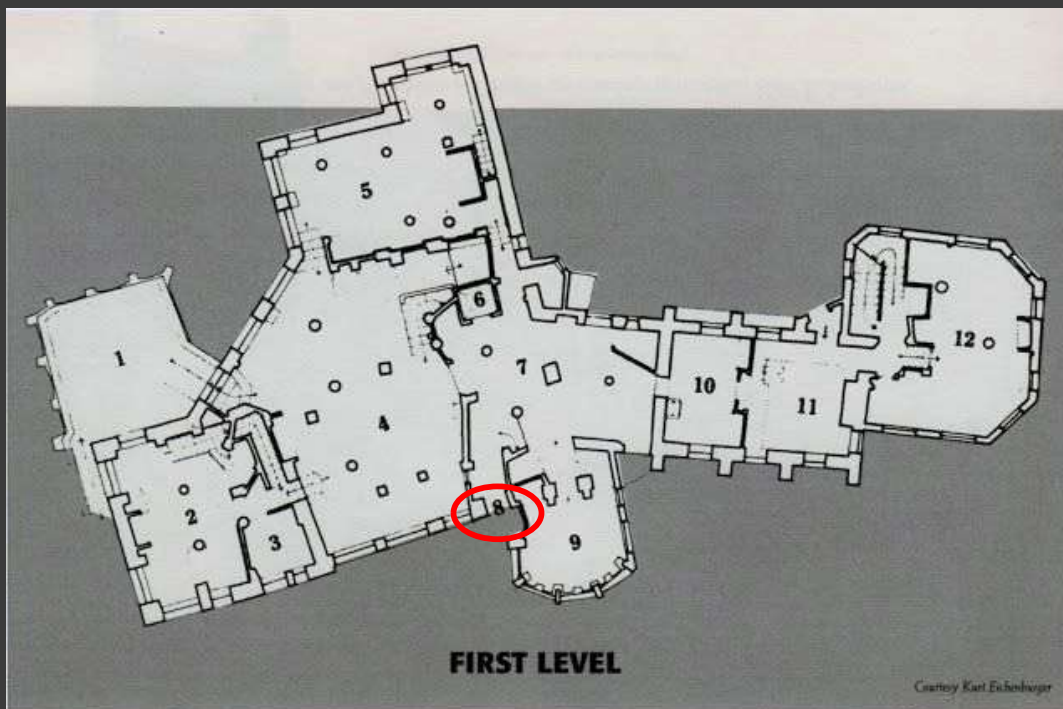


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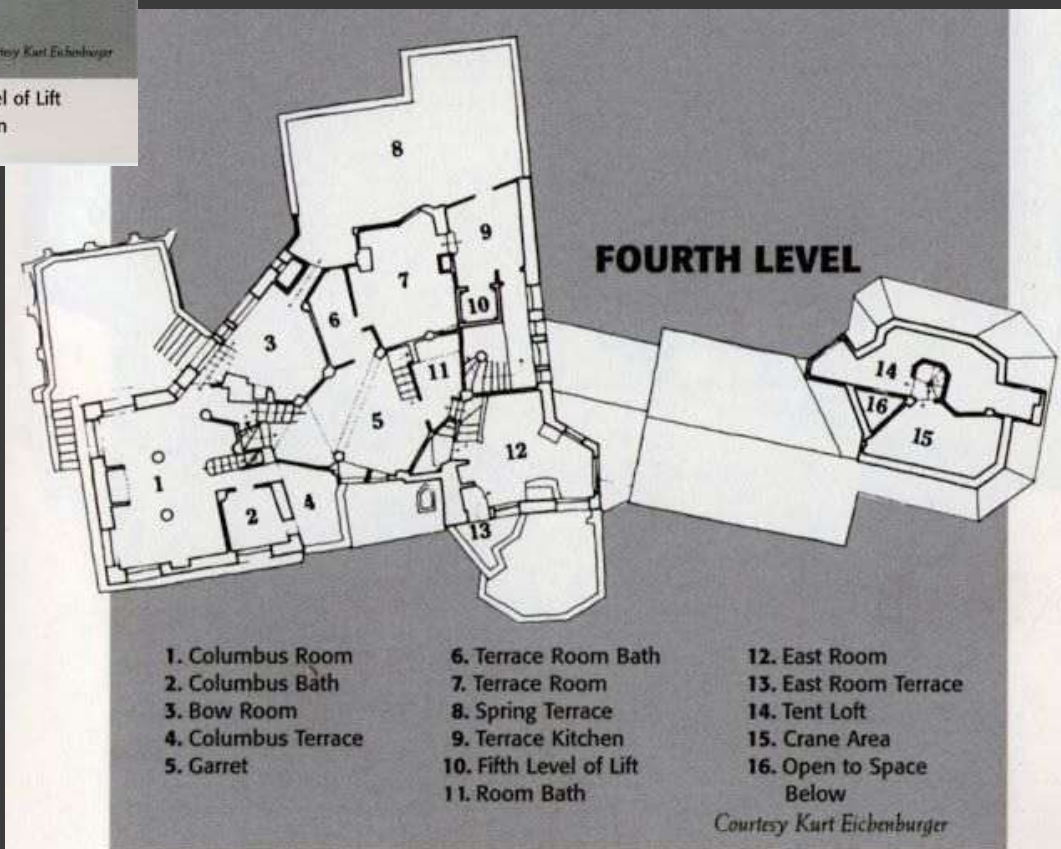


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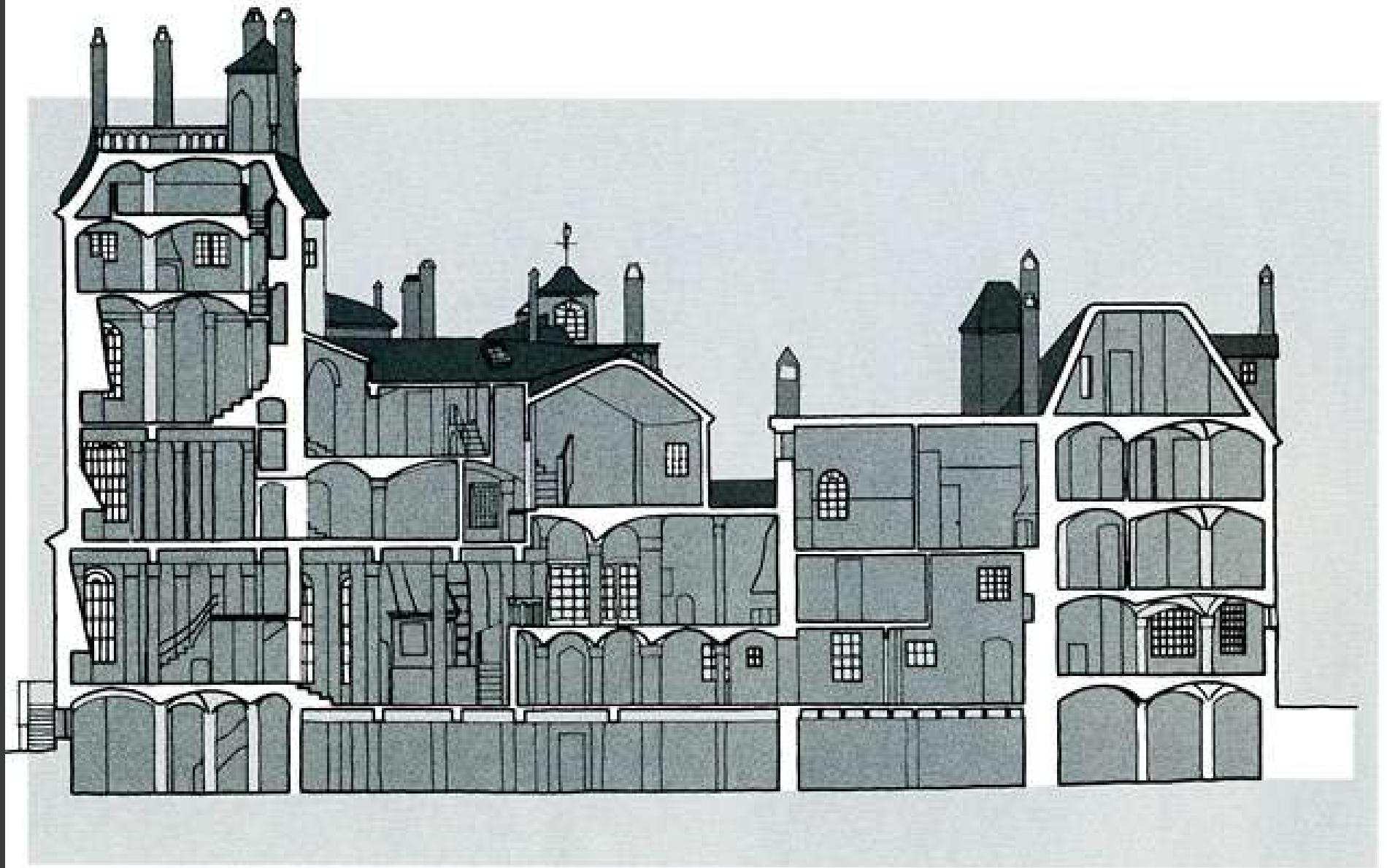




1. West Spring Terrace 2. Morning Room 3. Morning Room Bath 4. Saloon 5. Library 6. Second Level of Lift  
7. Entry Hall 8. Front Door 9. Conservatory 10. Front Kitchen 11. Back Kitchen 12. Oven Room



- |                     |                         |                         |
|---------------------|-------------------------|-------------------------|
| 1. Columbus Room    | 6. Terrace Room Bath    | 12. East Room           |
| 2. Columbus Bath    | 7. Terrace Room         | 13. East Room Terrace   |
| 3. Bow Room         | 8. Spring Terrace       | 14. Tent Loft           |
| 4. Columbus Terrace | 9. Terrace Kitchen      | 15. Crane Area          |
| 5. Garret           | 10. Fifth Level of Lift | 16. Open to Space Below |
|                     | 11. Room Bath           |                         |



Kurt Eichenburger



HABS MS. PA - 1140 - 22.



Gerard Dow "The Dutch Housekeeper"



Rembrandt's The Philosopher in Contemplation





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Bucks County Historical Society



Bucks County Historical Society

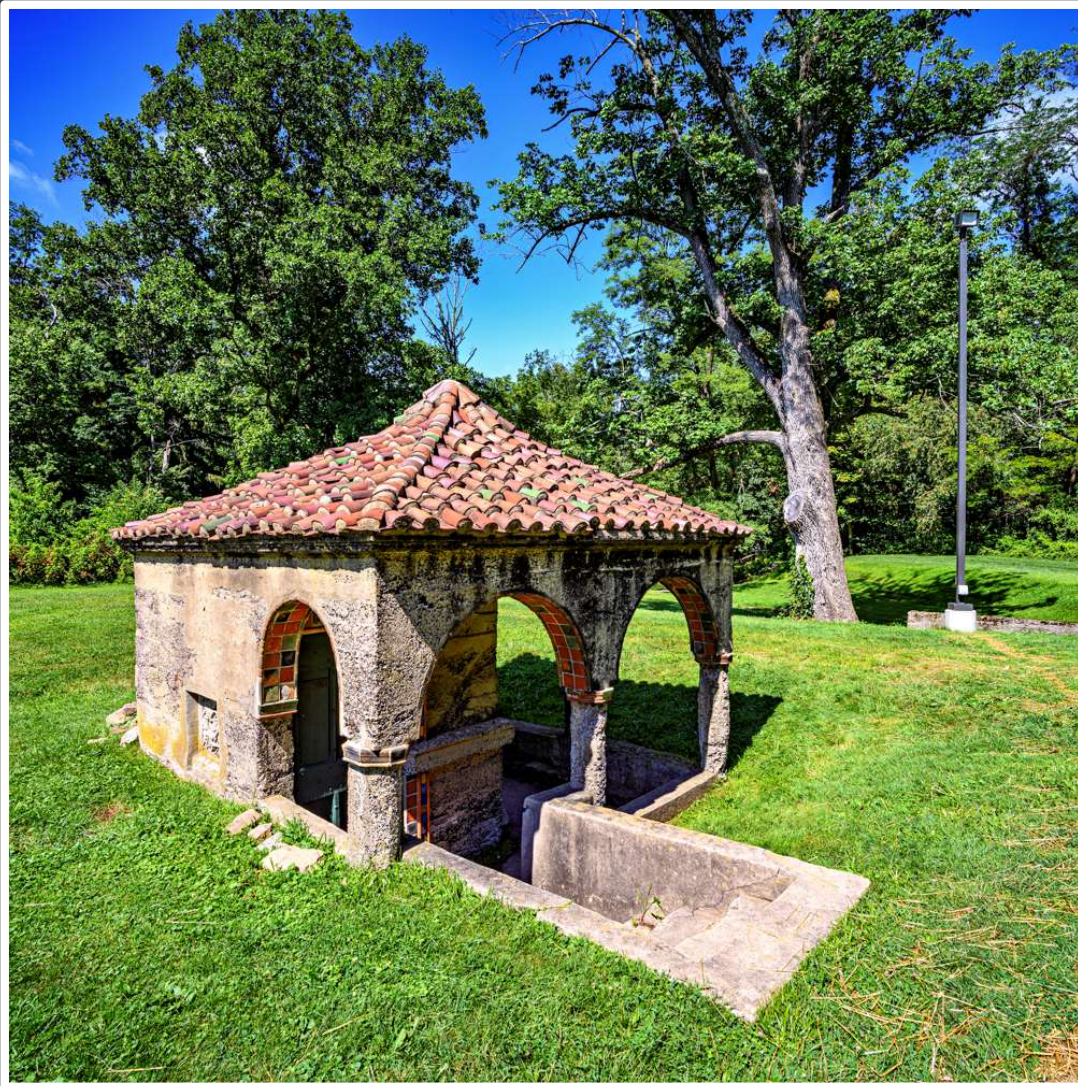


Bucks County Historical Society

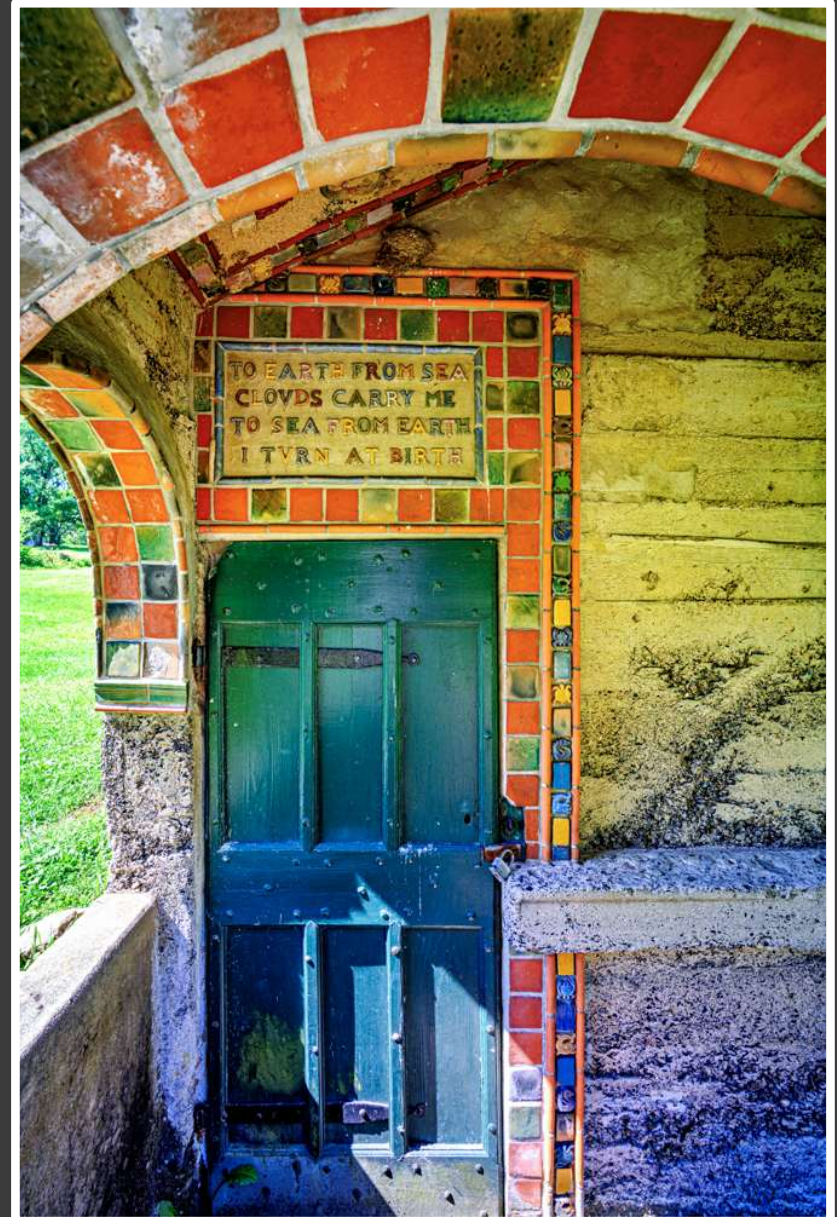


Bucks County Historical Society





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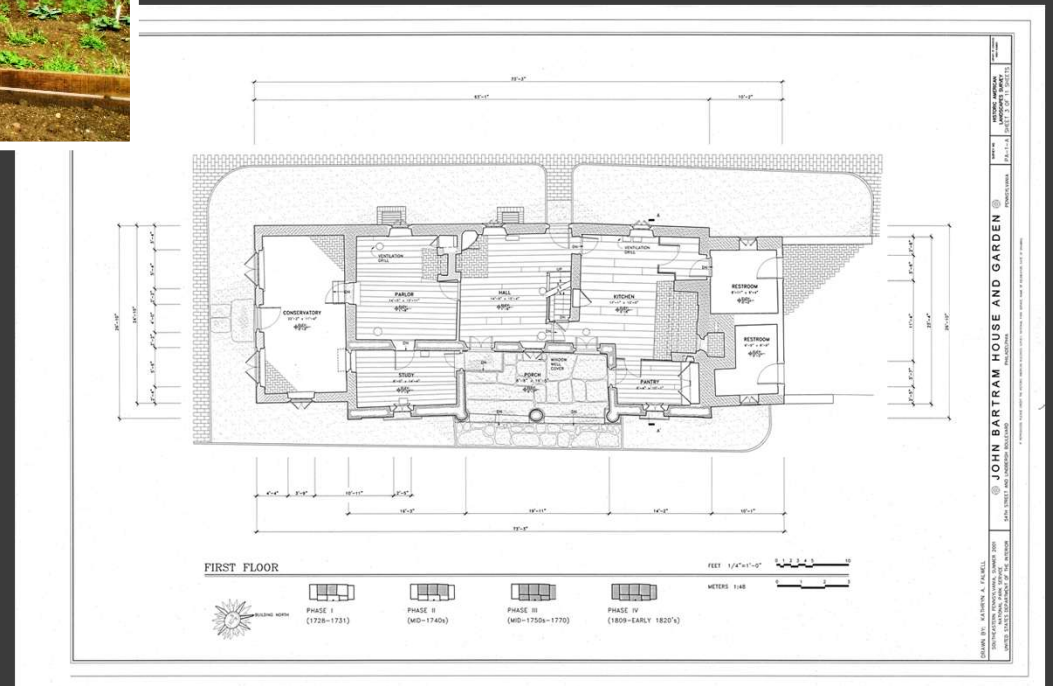


# Bartram House & Gardens – 1728 -1775

John Bartram 5400 Lindbergh Blvd., Philadelphia, PA



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# Mercer Museum – 1904

84 S. Pine St., Doylestown, PA  
Henry Mercer



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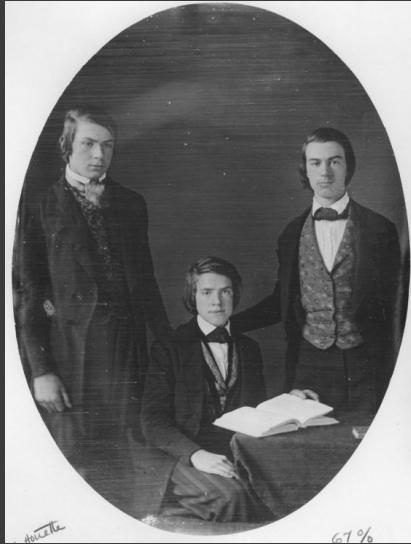
## Moravian Pottery & Tile Works – 1912

130 E Swamp Rd Doylestown PA  
Henry Mercer

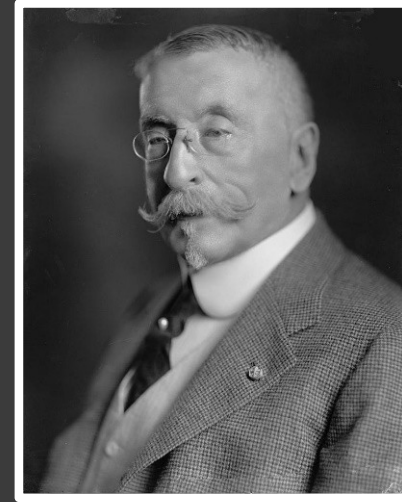


# Gilded Age du Ponts

Lammot du  
Pont  
1831-1884



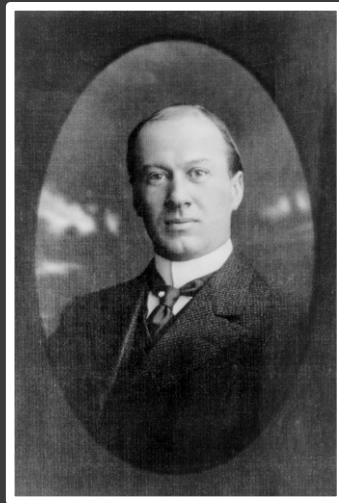
Eleuthère Irénée  
du Pont II  
1829-1877



Henry A. du Pont  
1838 -1926



Pierre S. du Pont  
1870-1954



Alfred I. du Pont  
1864 -1935



Henry F. du Pont  
1880 -1969



Louise  
Crowninshield  
1877-1958

# Nemours – 1910

1600 Rockland Road, Wilmington, DE; Carrère and Hastings



A. Rasey Wikimedia



1887 -  
1906



Bessie Gardner  
1864 - 1949



Swamp Hall



Alfred I. du Pont  
1864 -1935

1907 -  
1920



Mary Heyward Bradford  
1875-1920



Nemours 1910

1921 -  
1935



Jessie Ball  
1884-1970



Epping Forest 1927





Federal Highway Administration





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“...the domestic problem here is becoming a more troublesome one as time passes. Eventually I think it will be almost impossible to run any establishment that requires more than one servant, that being the owner!”

-Alfred I. duPont to Madeleine duPont Ruoff

November 8, 1927



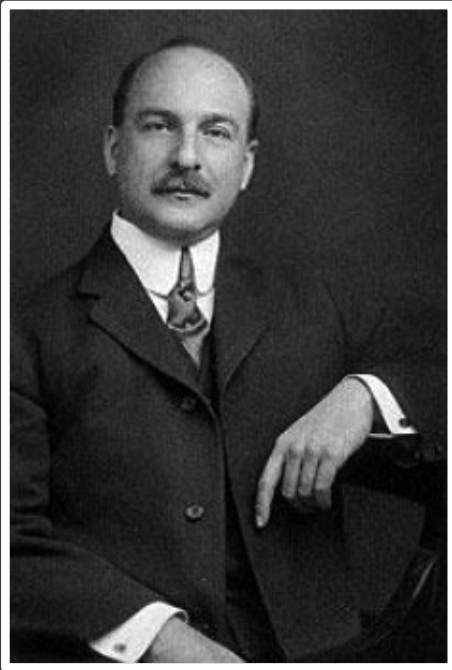
Questions?

# Pierce - DuPont House – 1914 (1730)

1001 Longwood Road, Kennett Square, PA







Pierre S. du Pont  
1870-1954

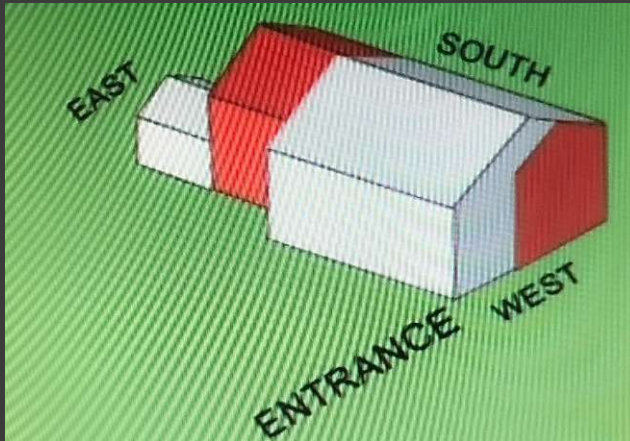
1915 -  
1944



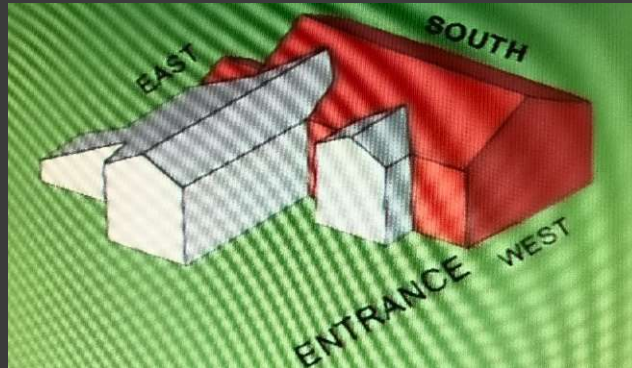
Alice Belin  
1872-1944

- 1890 Graduates from MIT
- 1902 Takes control of Du Pont with cousins Colman and Alfred
- 1906 Buys Pierce estate and renames it Longwood, a name possible going back to a stop on the underground railroad
- 1915 Mother dies and marries first cousin Alice Belin
- 1915 Buys Colman's stock and marginalizes Alfred
- 1919 President of DuPont
- 1920 – 1923 President of General Motors
- Remained active on DuPont Corp and philanthropy including Delaware Public Schools & MIT

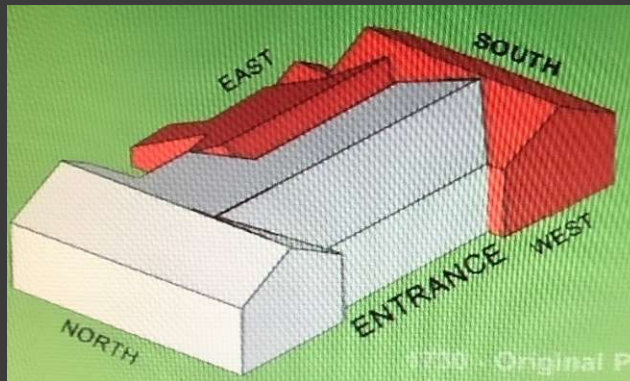
1824



1909



1914





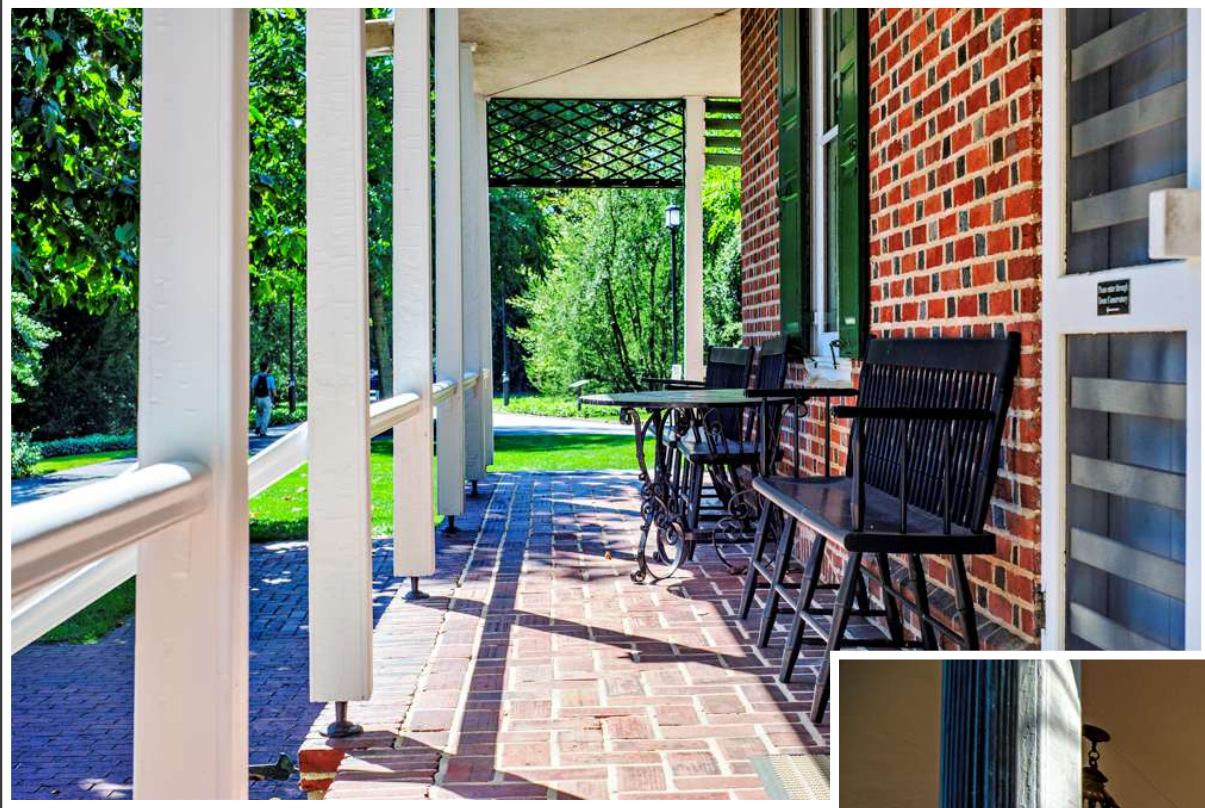


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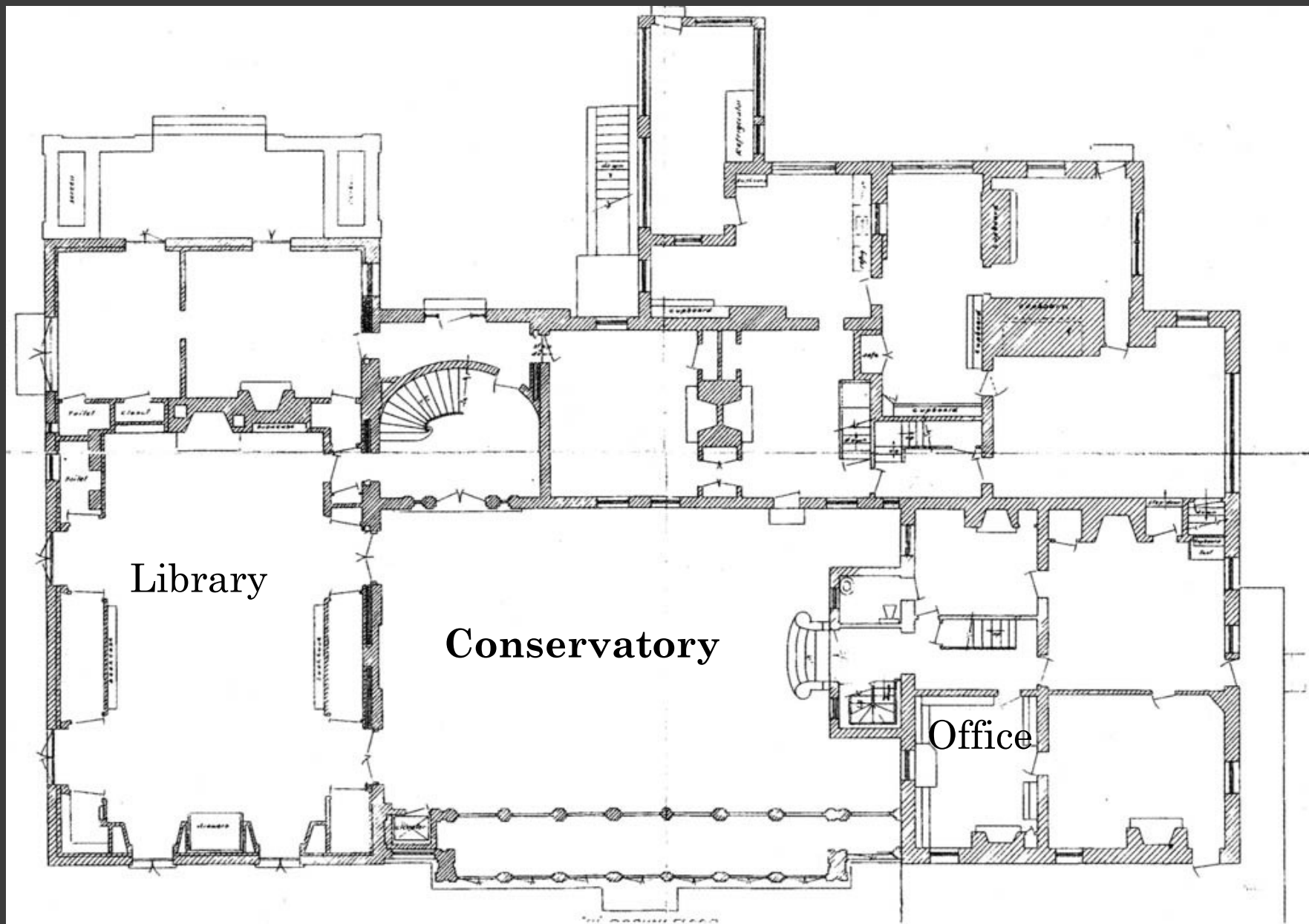


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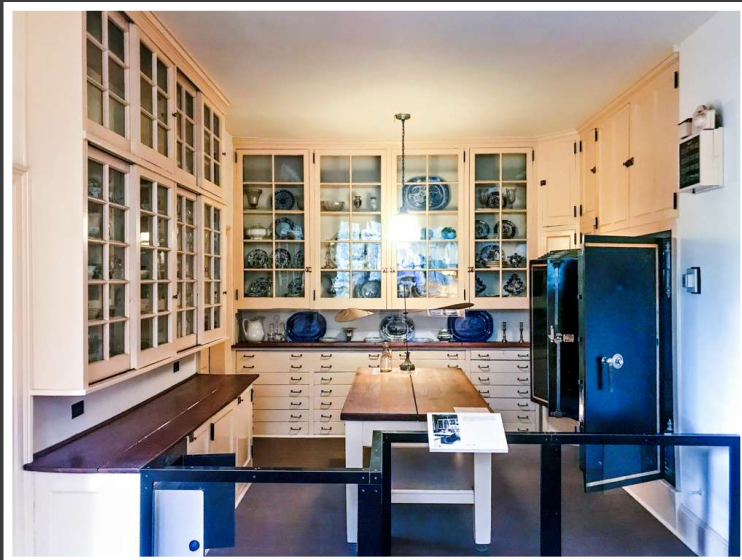




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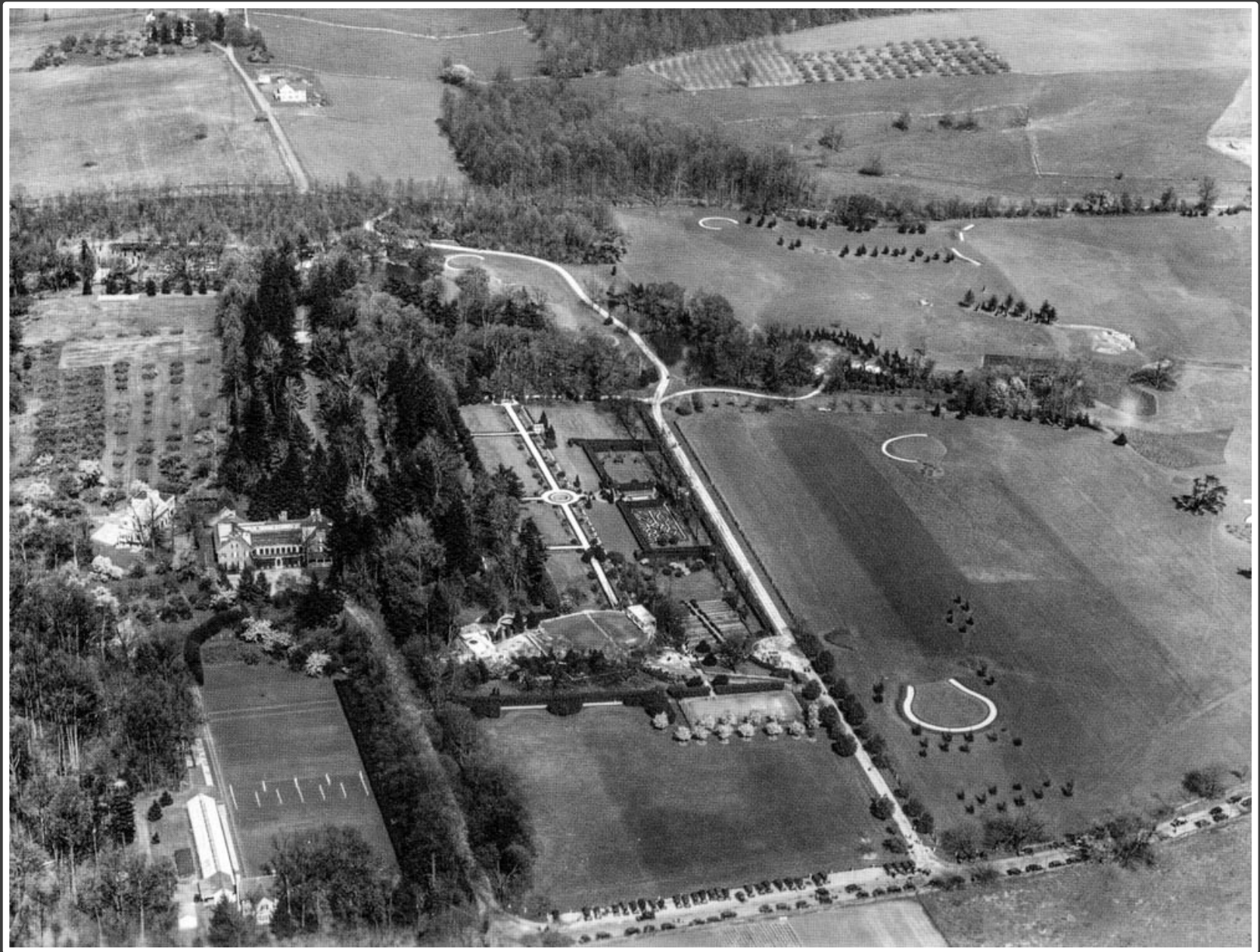




The DuPonts  
Maggie Lidz



The DuPonts  
Maggie Lidz



Longwood Gardens  
1927





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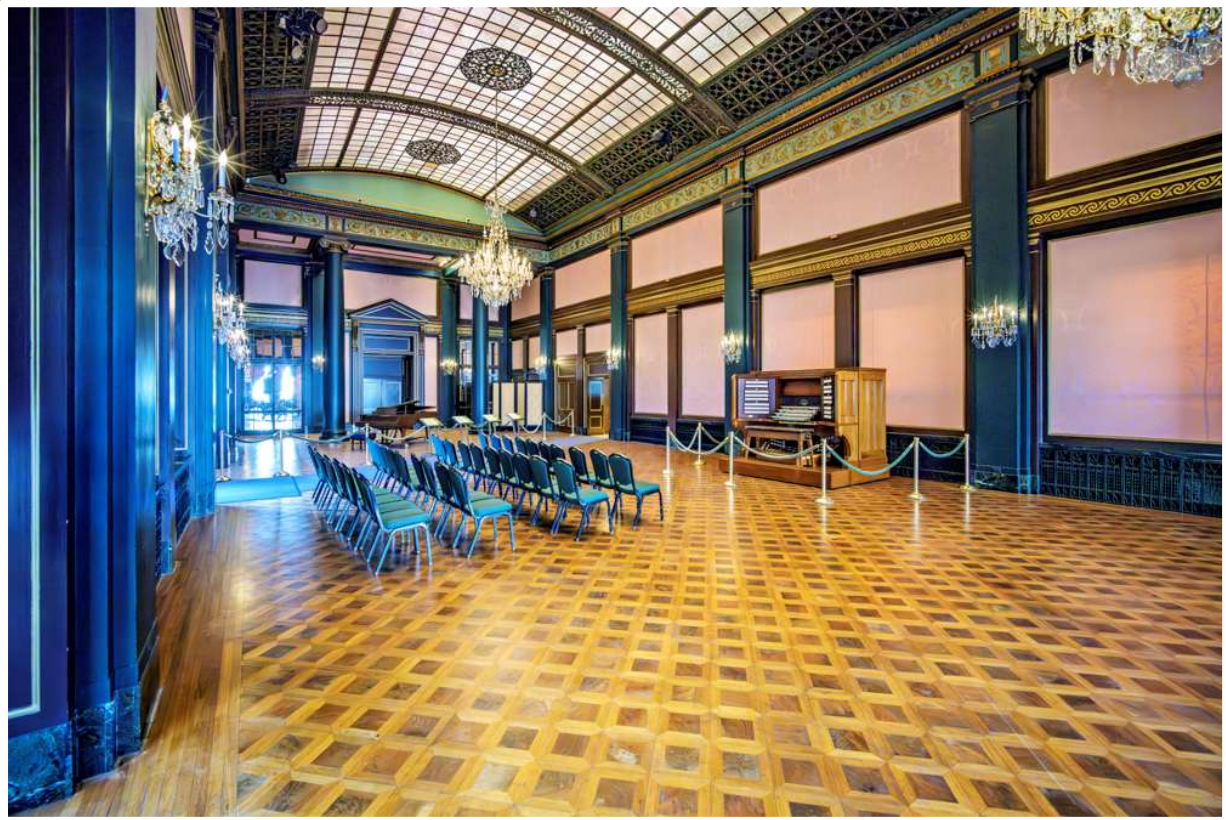


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Longwood Gardens







Longwood Gardens





# Winterthur – 1931 (1838)

5105 Kennett Pike, Winterthur, Delaware



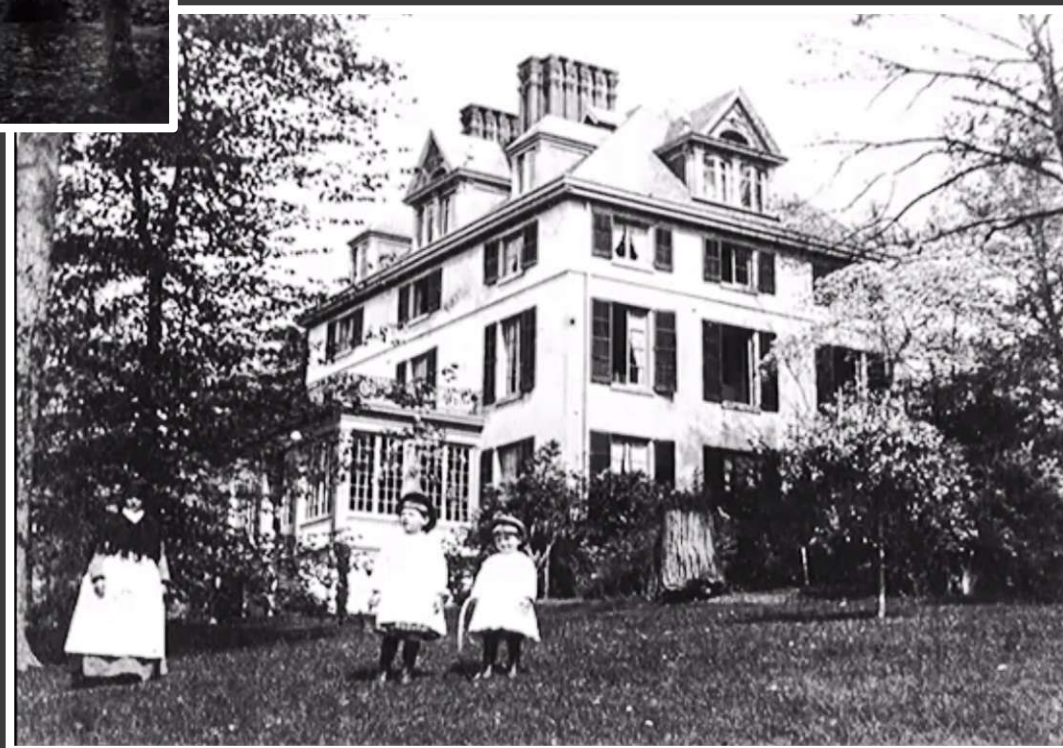
Winterthur, Bob Leitch





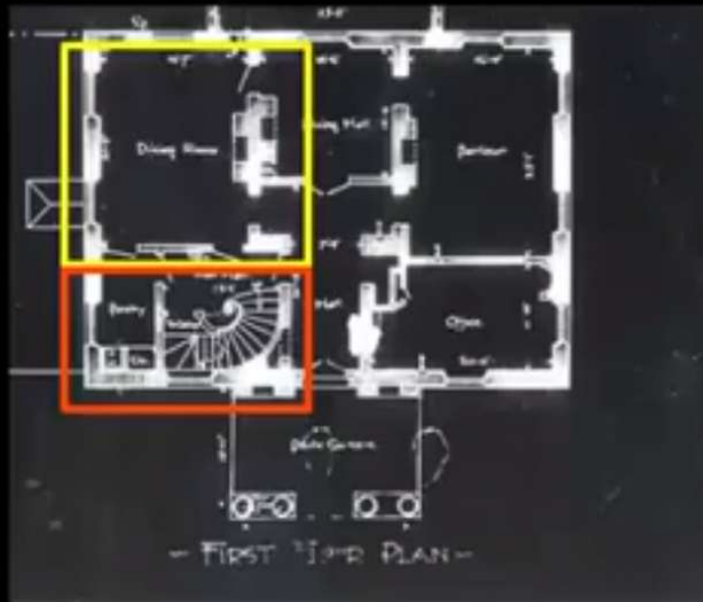
Winterthur

1838



1884 T. P Chandler

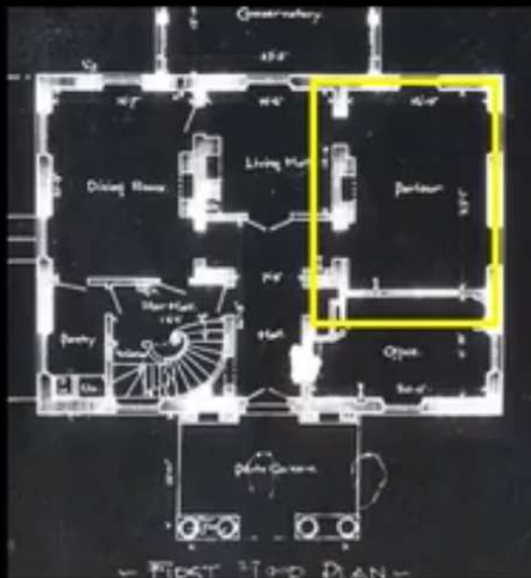
Winterthur



1884 T. P Chandler

Evolution of Winterthur Jeff Groff Youtube





Evolution of Winterthur Jeff Groff Youtube

1884 T. P Chandler



1903 – 1904 Expansion



Winterthur







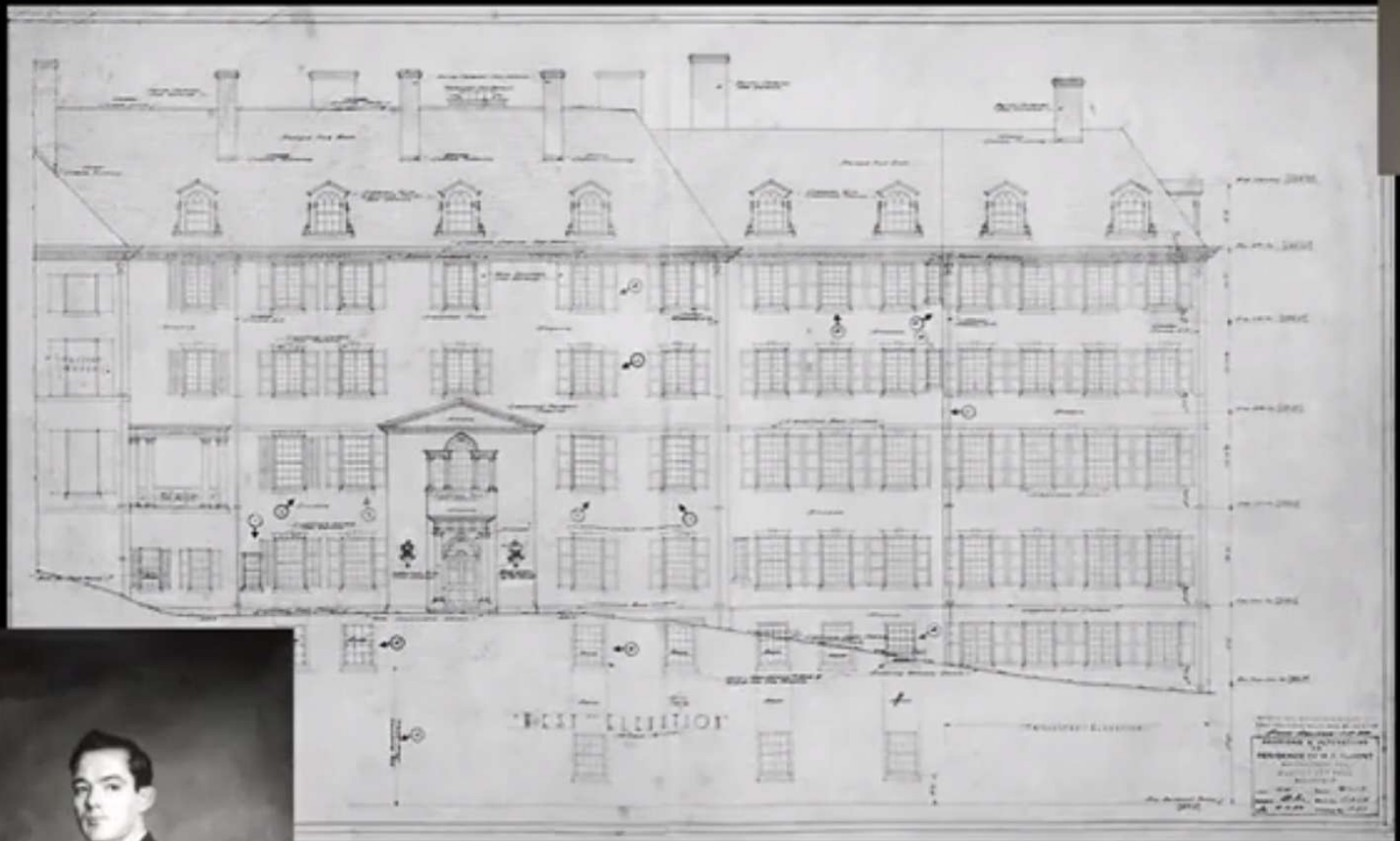
Henry F. Du Pont  
1880 -1969



H. F. , Ruth Wales, Pauline  
Louise & Ruth Ellen DuPont

- Mother Dies in 1902
- Graduates from Harvard in 1903 majoring in horticulture and becomes estate manager
- 1916 Marries Ruth Wales
- 1920's becomes interested in breeding cattle
- 1923 travels to New England and becomes interested in antiques
- 1926 Father dies & HF inherits Winterthur



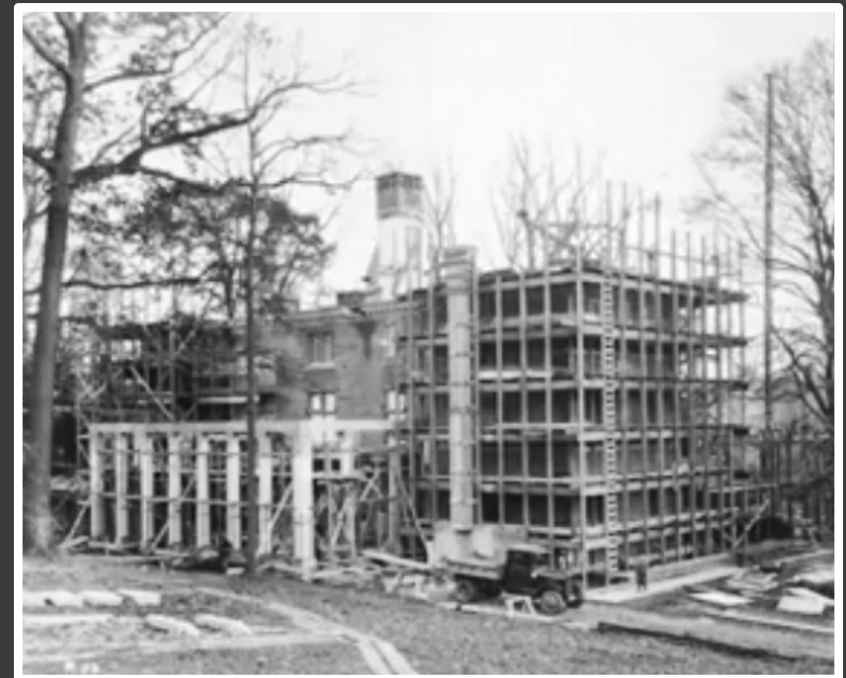


Albert Ives  
Architect

1929-31 expansion



- \$3,100,000 Expansion and landscaping
- \$3,500,000 Furnishings
- 95,000 square feet
- Over 100 rooms
- 9 stories tall at the tallest wing



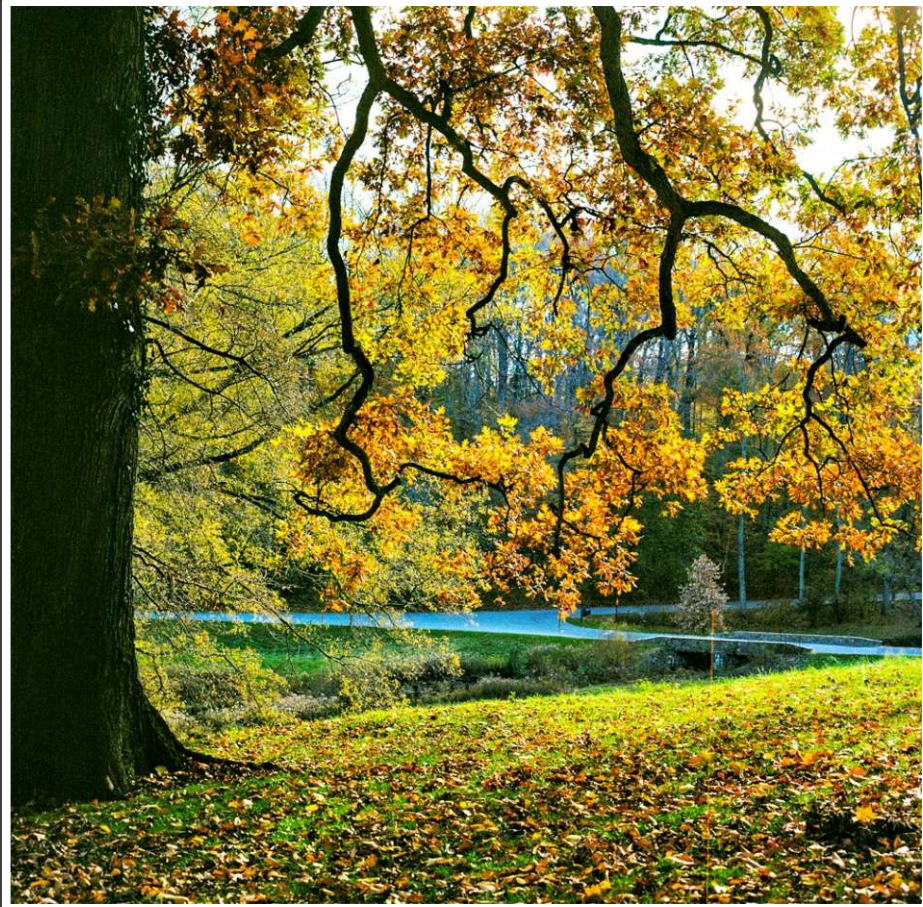
Evolution of Winterthur Jeff Groff Youtube



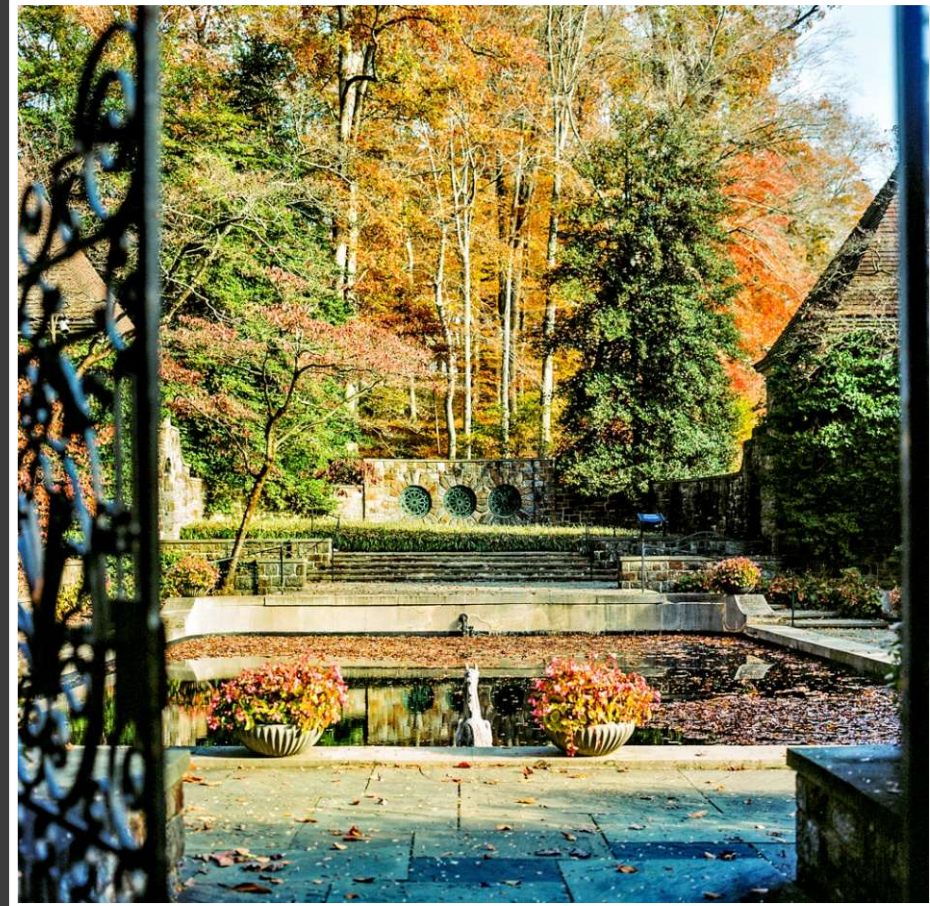


Winterthur





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Marian Coffin  
1876-1957





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# Port Royal – 1762 Frankford







Winterthur Program in Material American Culture Bog



Winterthur





Winterthur Unreserved Blog



Winterthur Unreserved Blog



Winterthur



# Eleutherian Mills – 1923 (1803)

200 Hagley Creek Road, Wilmington, DE







Henry A. du Pont  
1838 -1926



Henry F. du Pont  
1880 -1969



Louise  
Crowninshield  
1877-1958

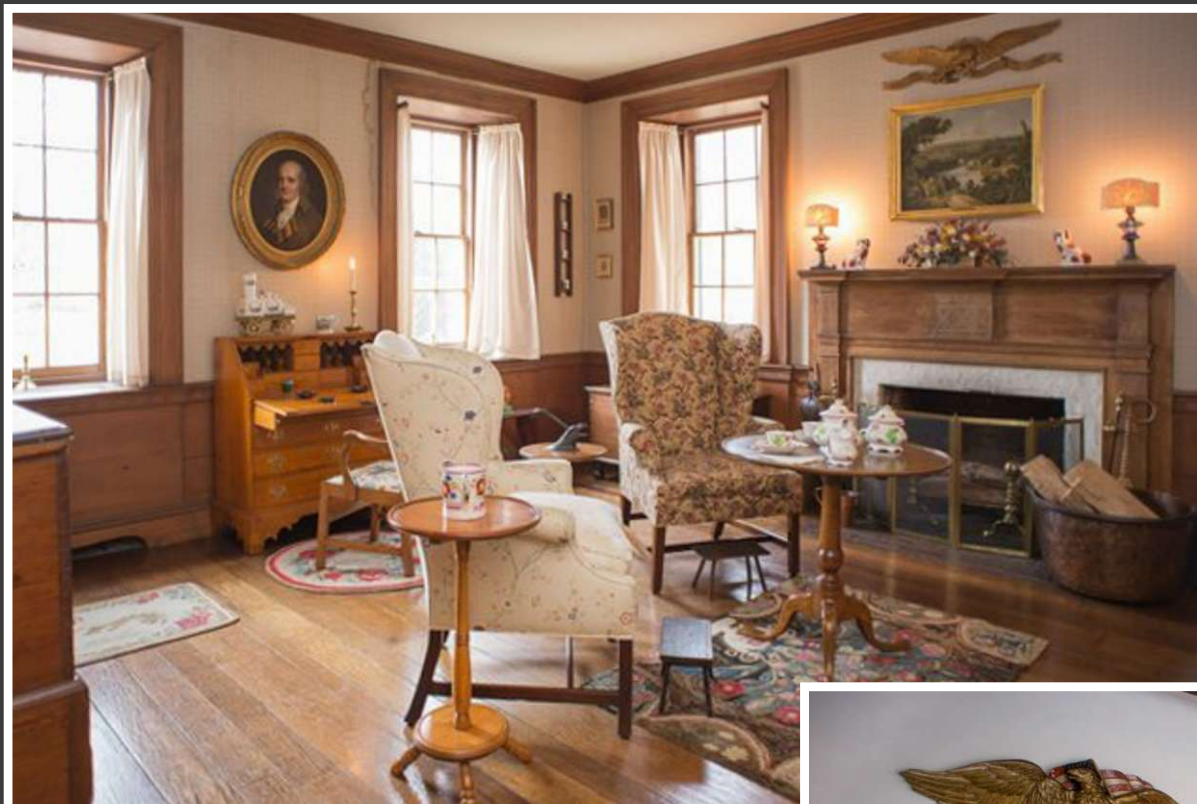
1900-  
1950



Francis Bordman  
Crowninshield  
1869-1950



Eleutherian Mills  
(1802) (1853) 1923



Hagley Museum



Hagley Museum





Hagley Museum



Hagley Museum

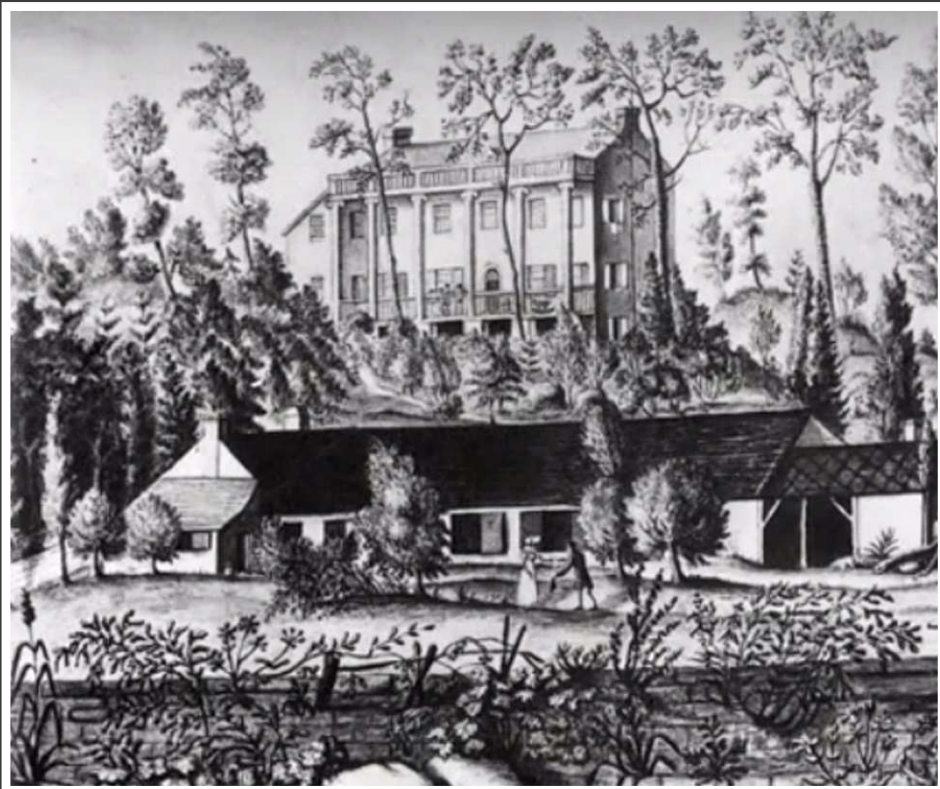


Hagley Museum

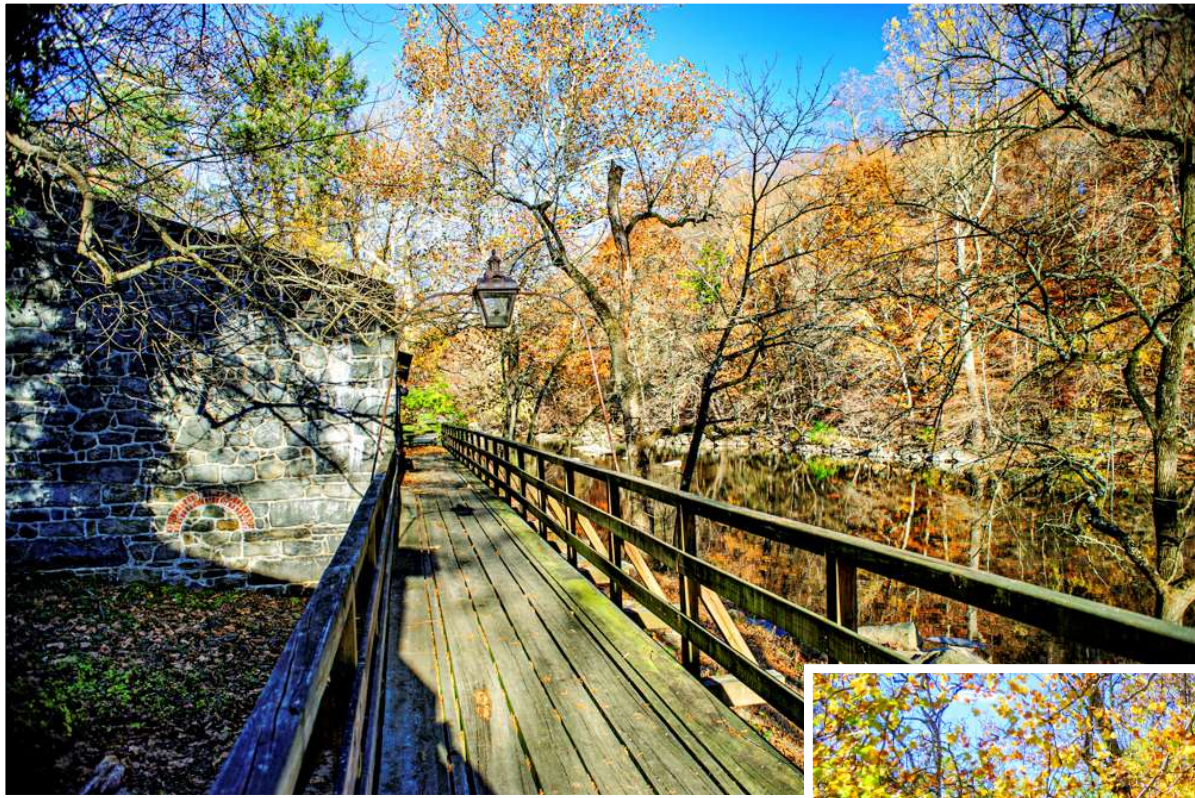


Hagley Museum









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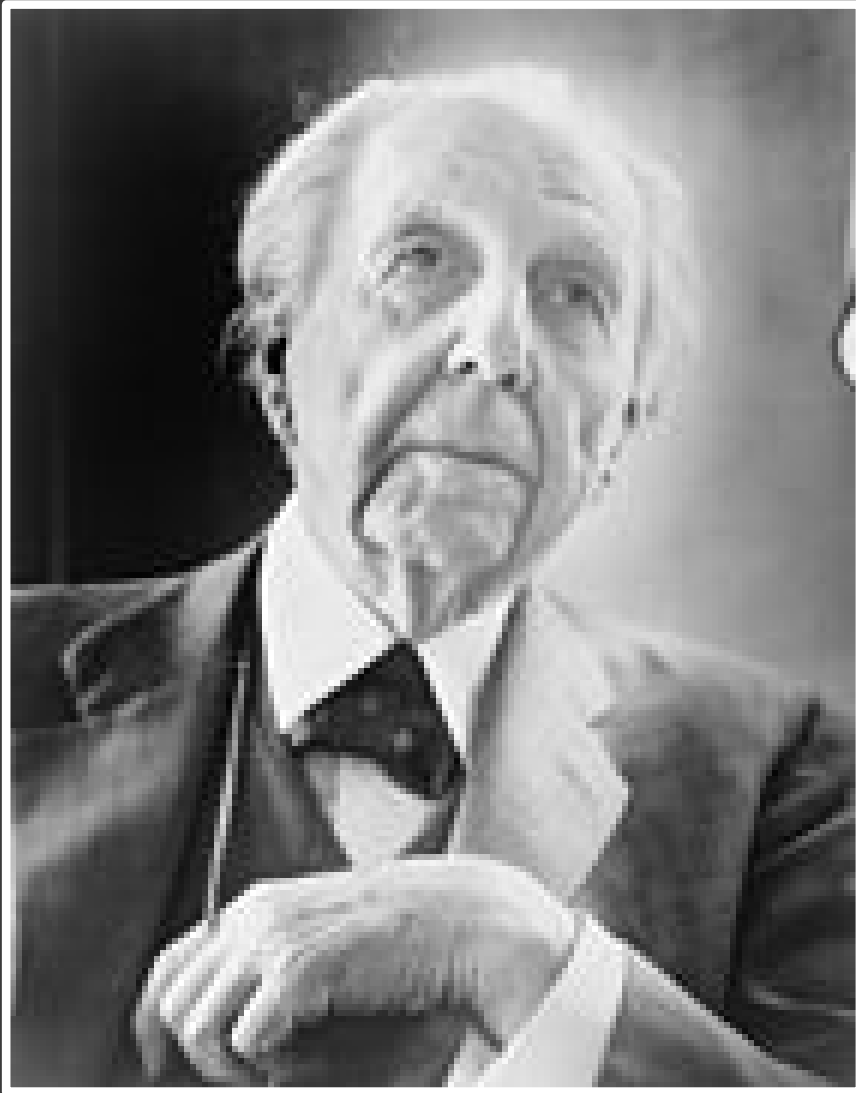




Questions?

# Frank Lloyd Wright

1867-1959



Al Ravenna New York World-Telegram and the Sun staff photographer

- 1888-1893 Worked for Adler and Sullivan
- 1901 - Wright had completed about 50 projects
- 1909 - Robie House and work is published in Europe in 1910
- 1917-1922 Japanese work
- 1923 Los Angeles work
- 1932 "The Disappearing City" & the Usonian Houses'



Malcolm E. Willey House

Only building completed between 1929 & 1937



1937-1939



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# Fallingwater – 1939

Mill Run, PA





# Edgar J. Kaufman

1885-1955



- 1871 Uncles Jacob and Isaac start Kaufmanns department store in Pittsburg
- 1909, Edgar marries Liliane Kaufmann, his first cousin
- 1913 Edgar becomes president of Kaufmanns. 1920 Sales tripled to \$30,000 from 1913
- 1934 Edgar Kauffman Jr. begins apprenticeship with Frank Lloyd Wright. During the depression, Frank Lloyd Wright's creates proposals for WPA sponsored civic projects.
- Fallingwater Commissioned 1935
- 1946 Palm Springs House by Richard Neutra



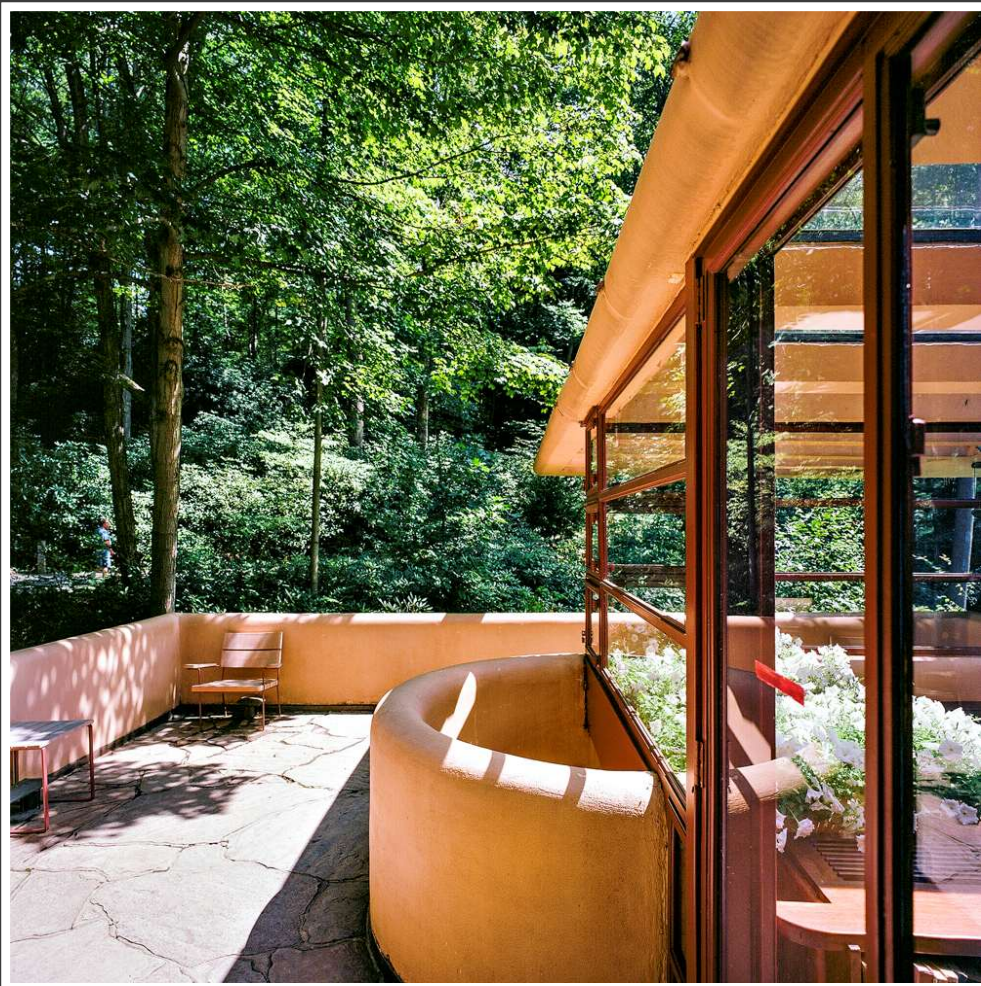


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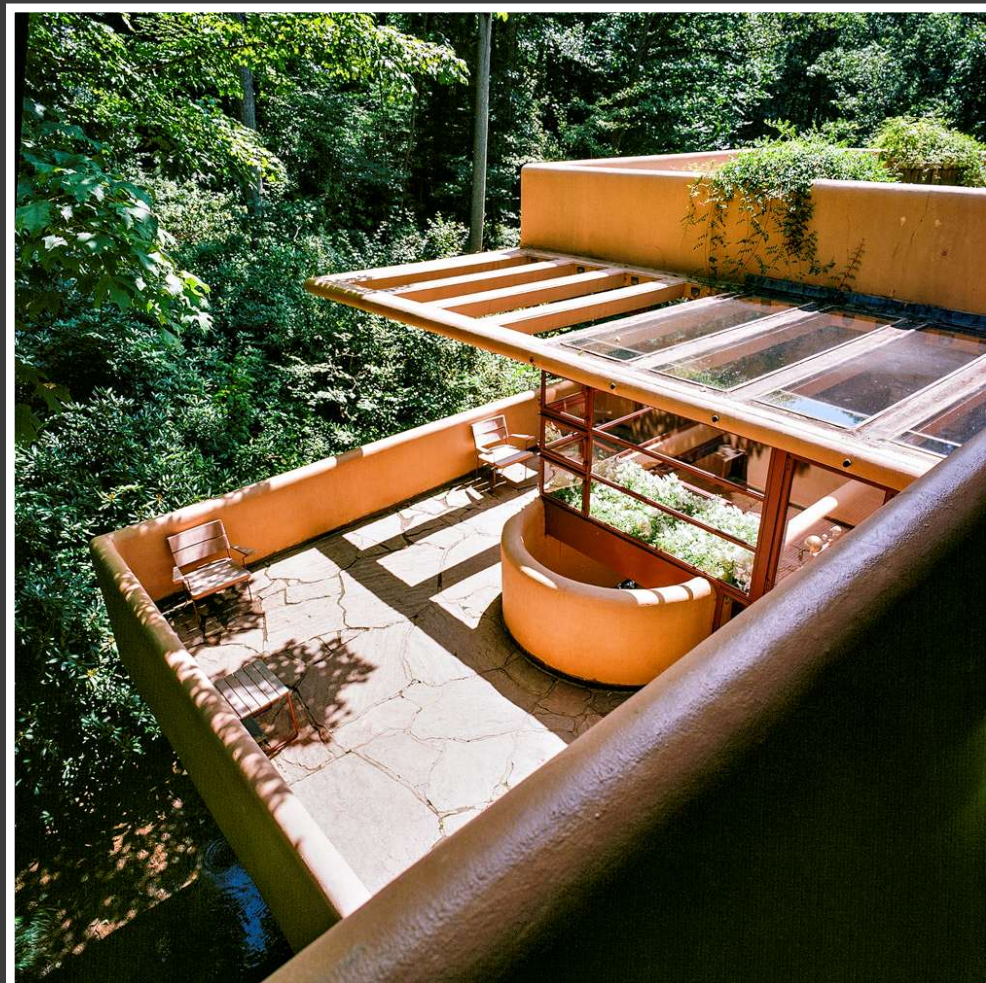


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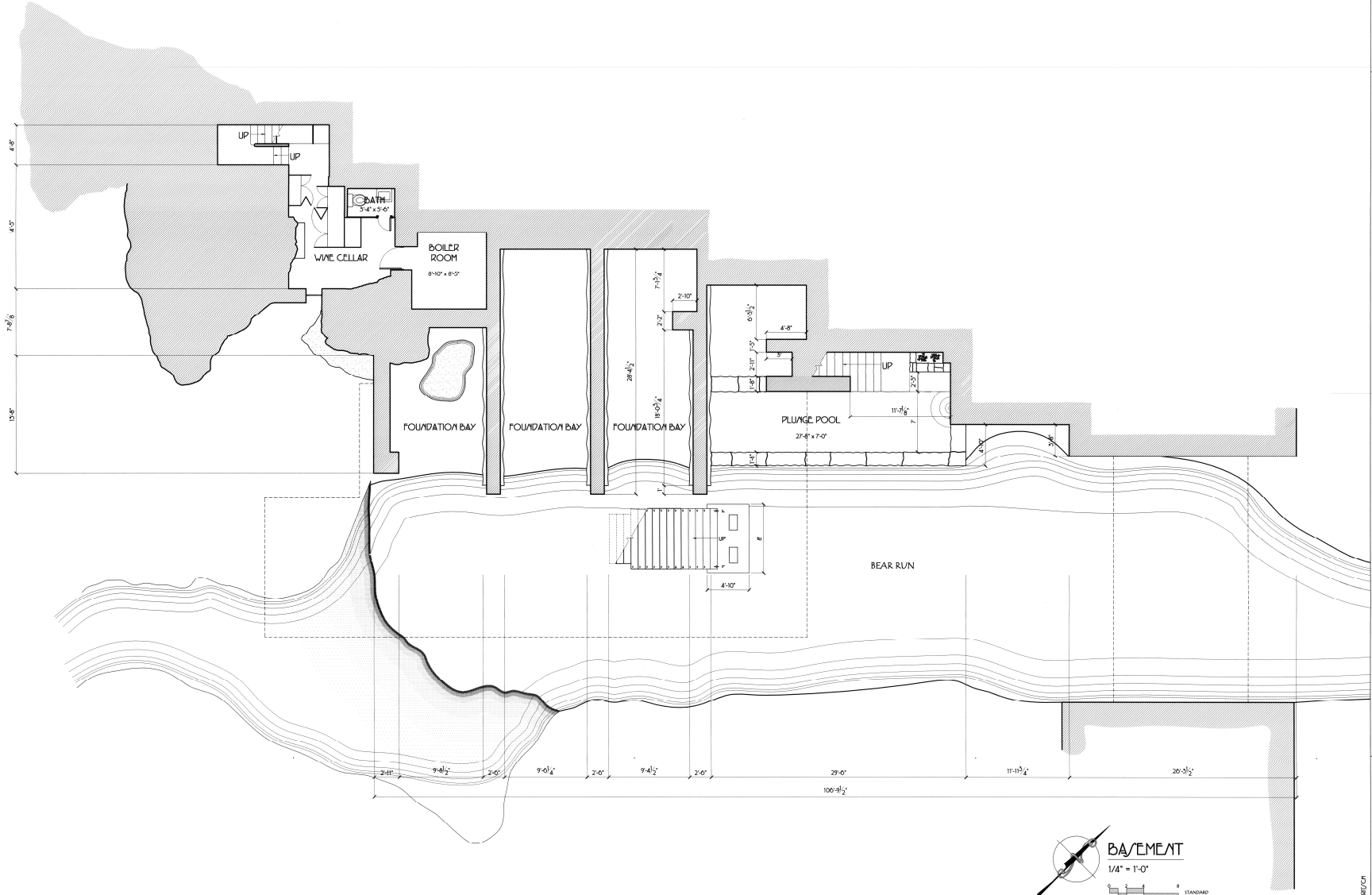


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DESIGNED BY JOHN PETERSON

REAR / STATE UNIVERSITY CAMP  
UNITED STATES DEPARTMENT OF THE INTERIOR

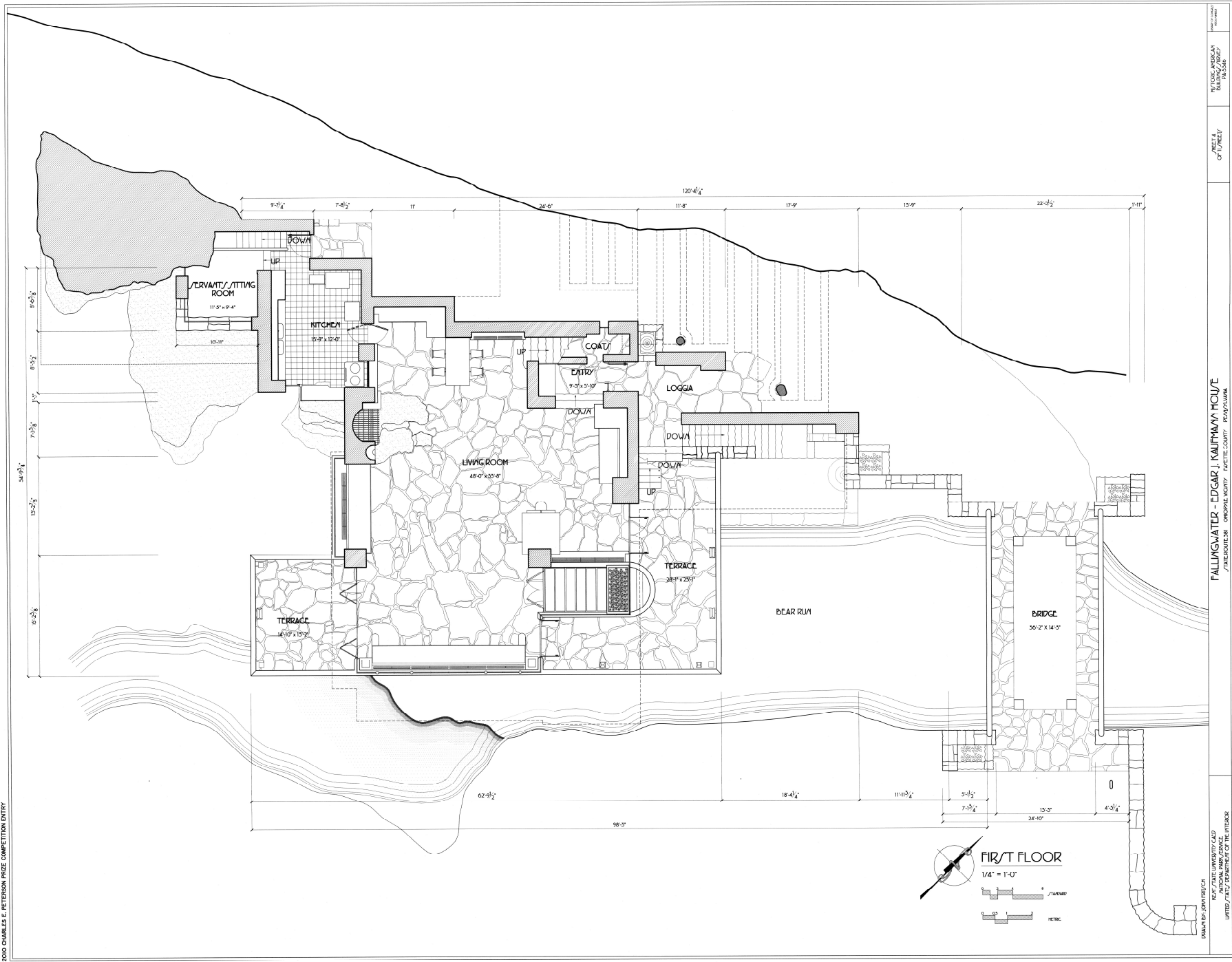
FALLINGWATER - EDGAR J. KAUFMANN HOUSE  
STATE COLLEGE, PENNSYLVANIA

RETIRED AMERICAN  
BUILDING  
ARCHITECTS

RETIRED AMERICAN  
BUILDING  
ARCHITECTS



2010 CHARLES E. PETERSON PRIZE COMPETITION ENTRY



FALLINGWATER - EDGAR J. KAUFMANN HOUSE

2714 E. 10TH ST. CORPUS CHRISTI, TEXAS 78401-1010

UNITS / 1/4" = 1'-0"

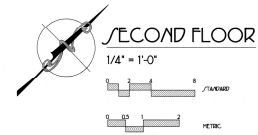
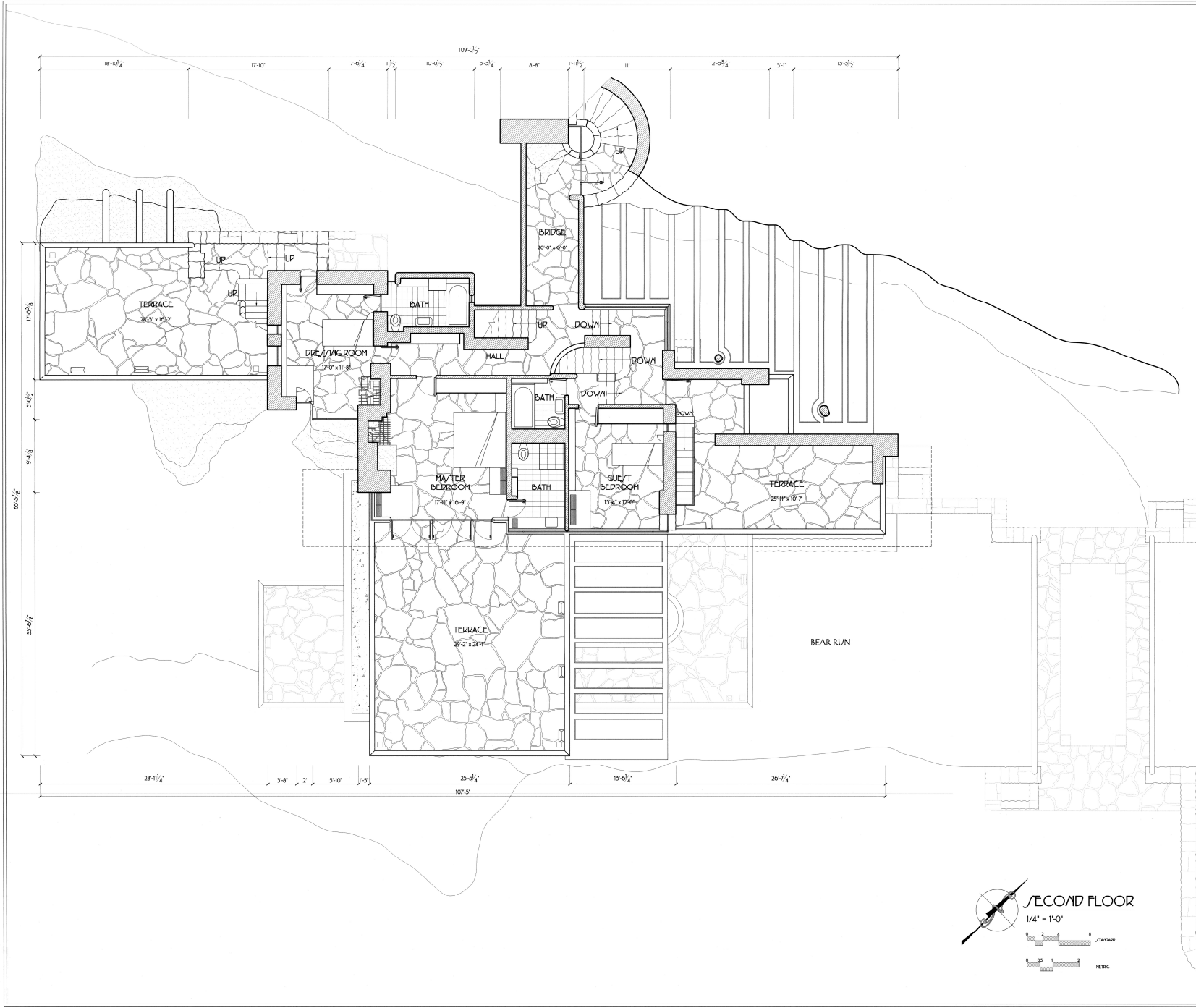
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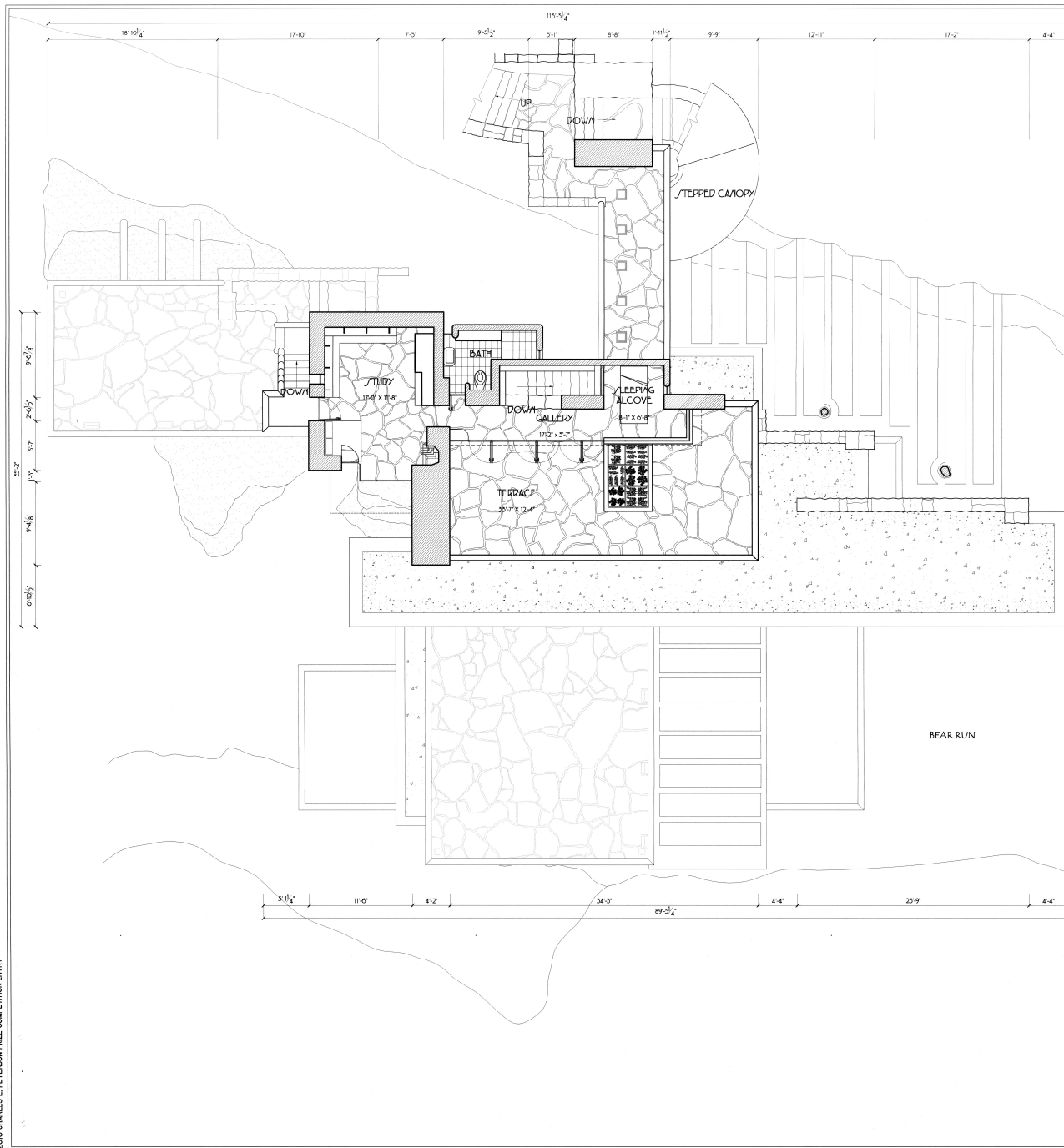
AREA OF ENTRY

NOTES AND/OR BUILDING CODES

DATE







THIRD FLOOR

$$1/4^\circ = 1'-0''$$


Metric

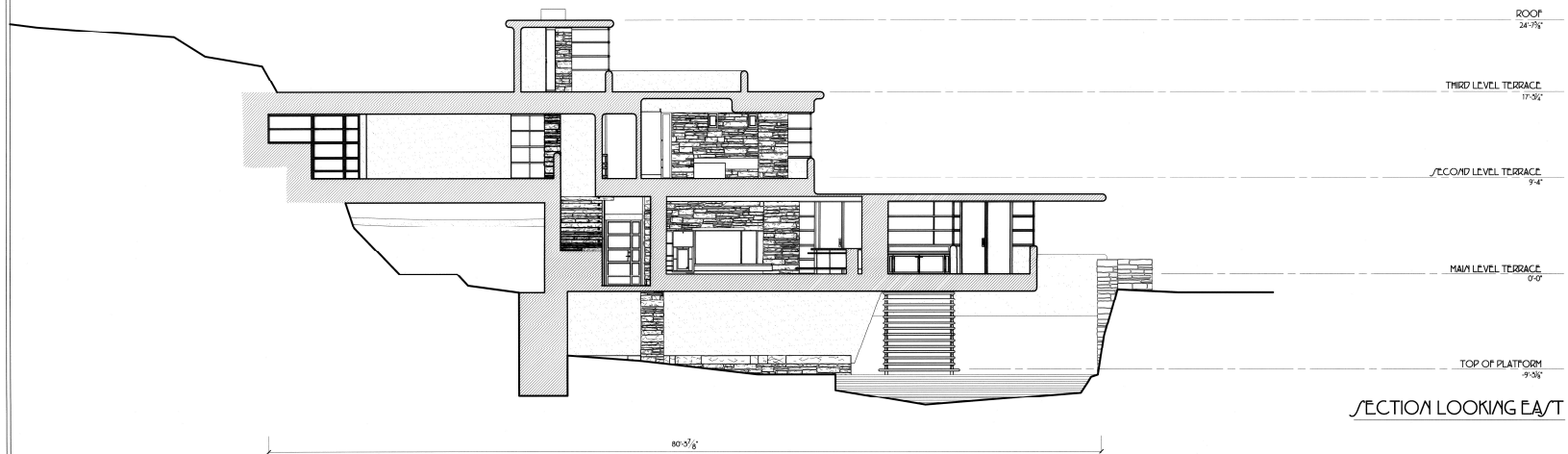
DRAWN BY: JOHN FORTUCH & ADAM VANDERBEEK  
KENT STATE UNIVERSITY CARED  
NATIONAL PARK SERVICE  
UNITED STATES DEPARTMENT OF THE INTERIOR

FALLINGWATER - EDGAR J. KAUFMAN HOUSE  
STATE ROUTE 381 OHIOPALE VICINITY FAYETTE COUNTY PENNSYLVANIA

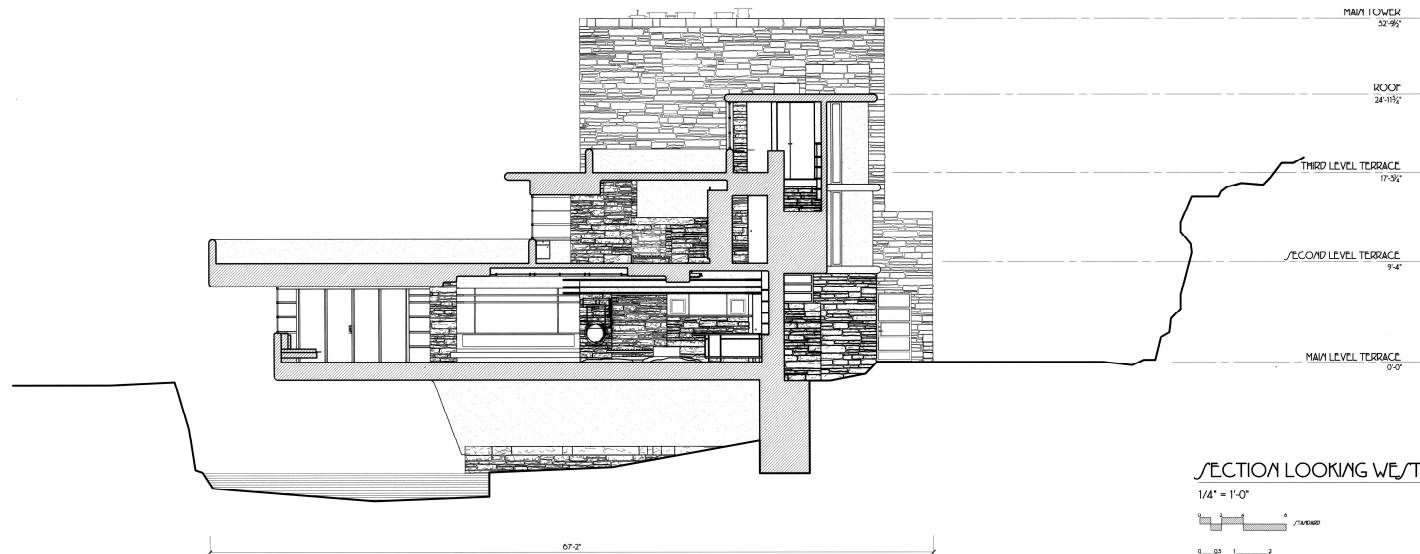
IF INTERVIEWED PLEASE CREDIT THE KENTUCKI AMERICAN STEELBOOD SURVEY, NATIONAL PAPER SERVICE, MARK OF RECOGNITION, DATE OF DEPARTURE

SHEET 6  
OF 11 SHEETS

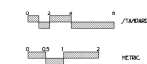
<p><b>HISTORIC AMERICAN</b></p>	<p>LEADER OF CONGRESS 1913-1919</p>
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### SECTION LOOKING EAST



### SECTION LOOKING WEST

$$1/4^* = 1'-0^*$$


DRAWN BY: ADAM/MTM/AZA VANDERBARK & NICOL - ZUBER  
NENT/STATE UNIVERSITY CARD  
NATIONAL PARK SERVICE  
UNITED STATES DEPARTMENT OF THE INTERIOR

FALLINGWATER - EDGAR J. KAUFMAN HOUSE  
STATE ROUTE 381 ONIOPPLE VCNTRY FAYETTE COUNTY PENNSYLVANIA

IN REPLY, PLEASE CHECK THE APPROPRIATE BOXES: SEX, NATIONAL, PAPER SERVICE, NAME OF RELATIONSHIP, DATE OF BIRTH

MEETING  
OF 11/19/2017

HISTORIC AMERICAN  
BUILDINGS SURVEY  
PA-5346

<p> <b>BOARD OF CHIEFS OF POLICE</b> </p>
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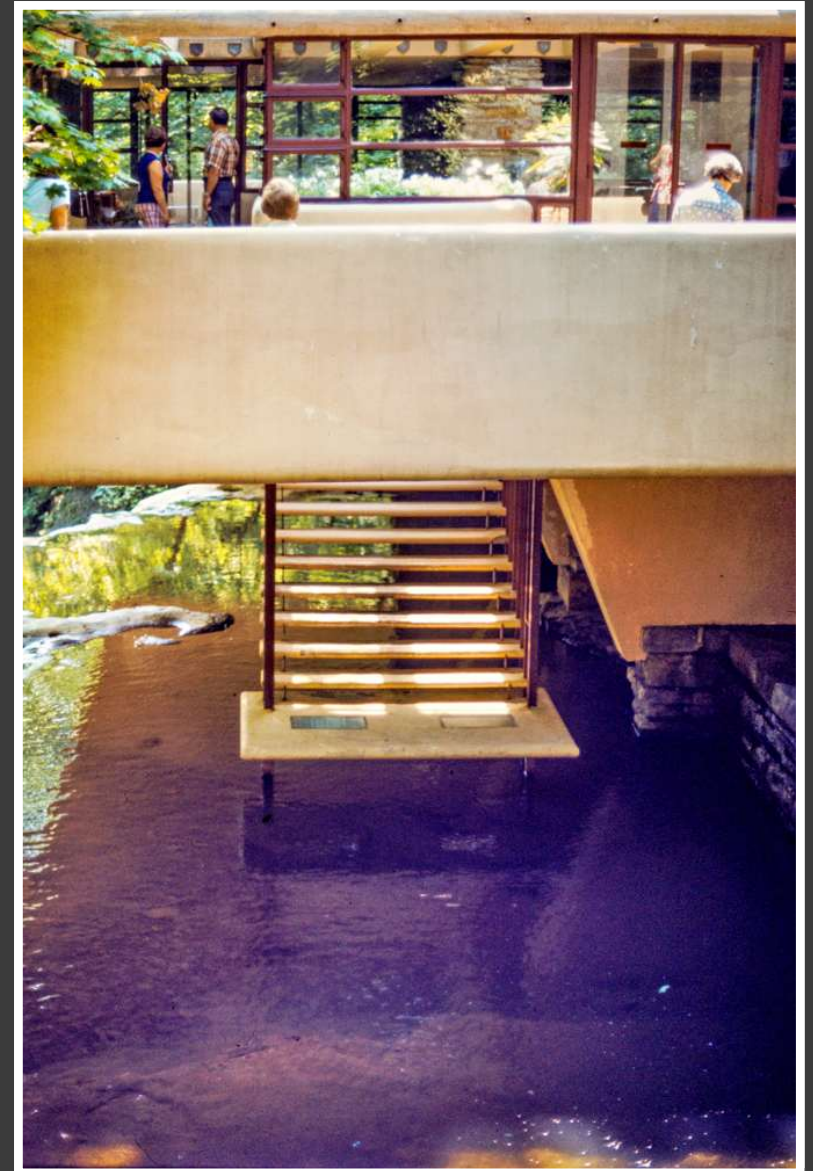


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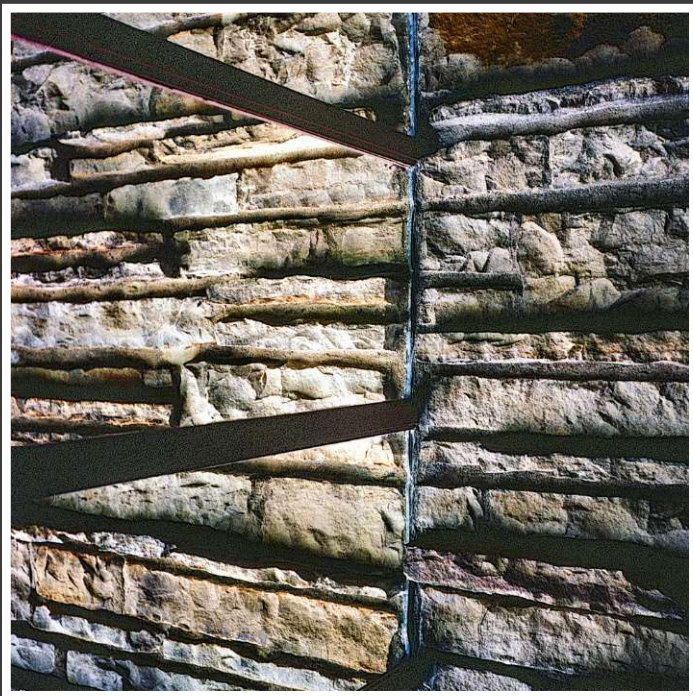


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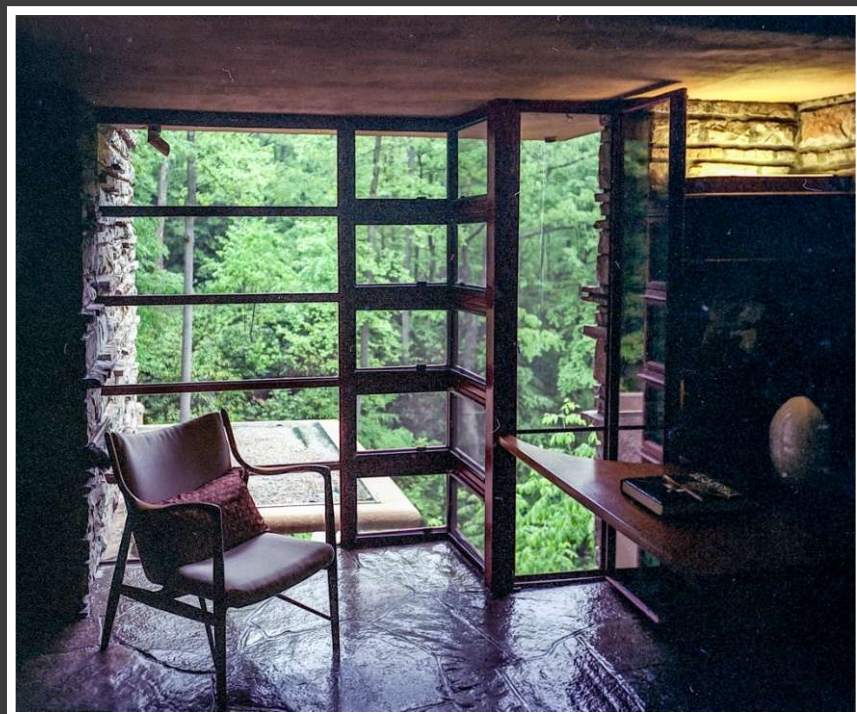




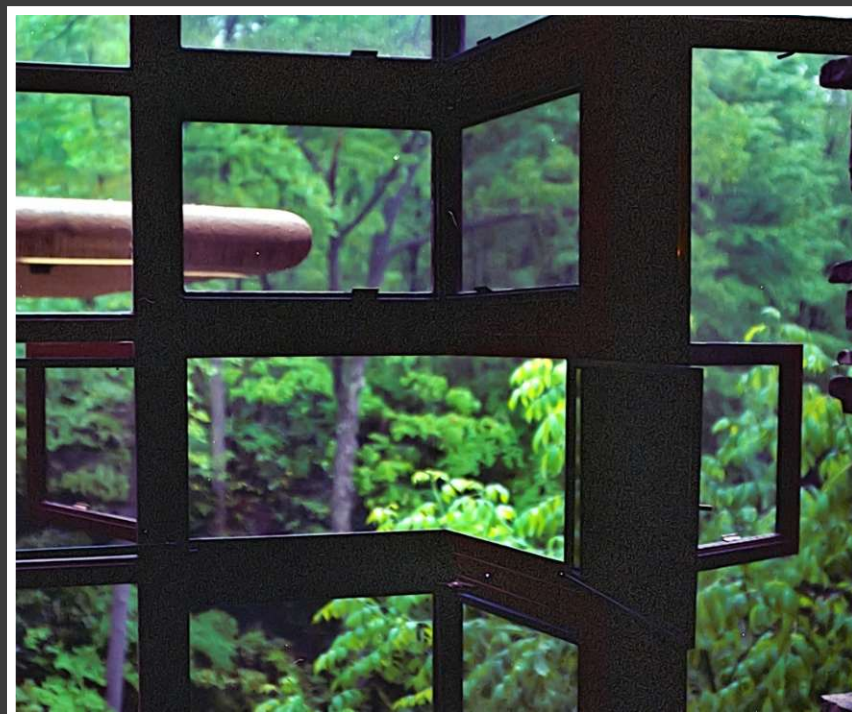
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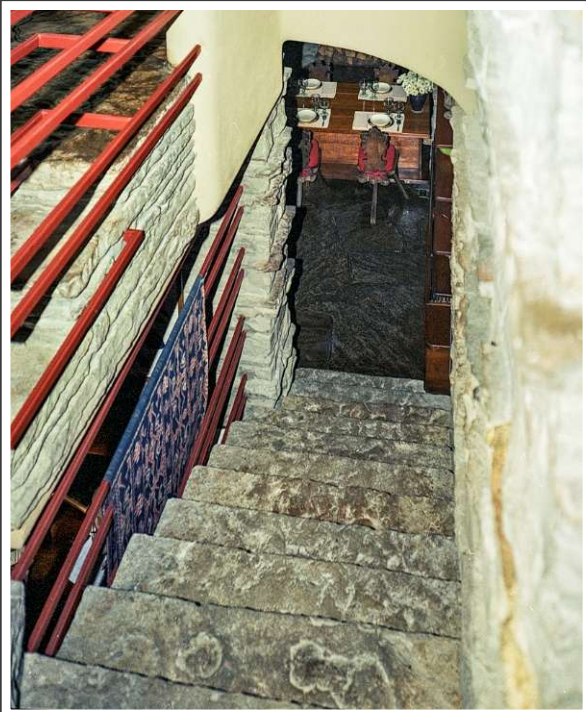


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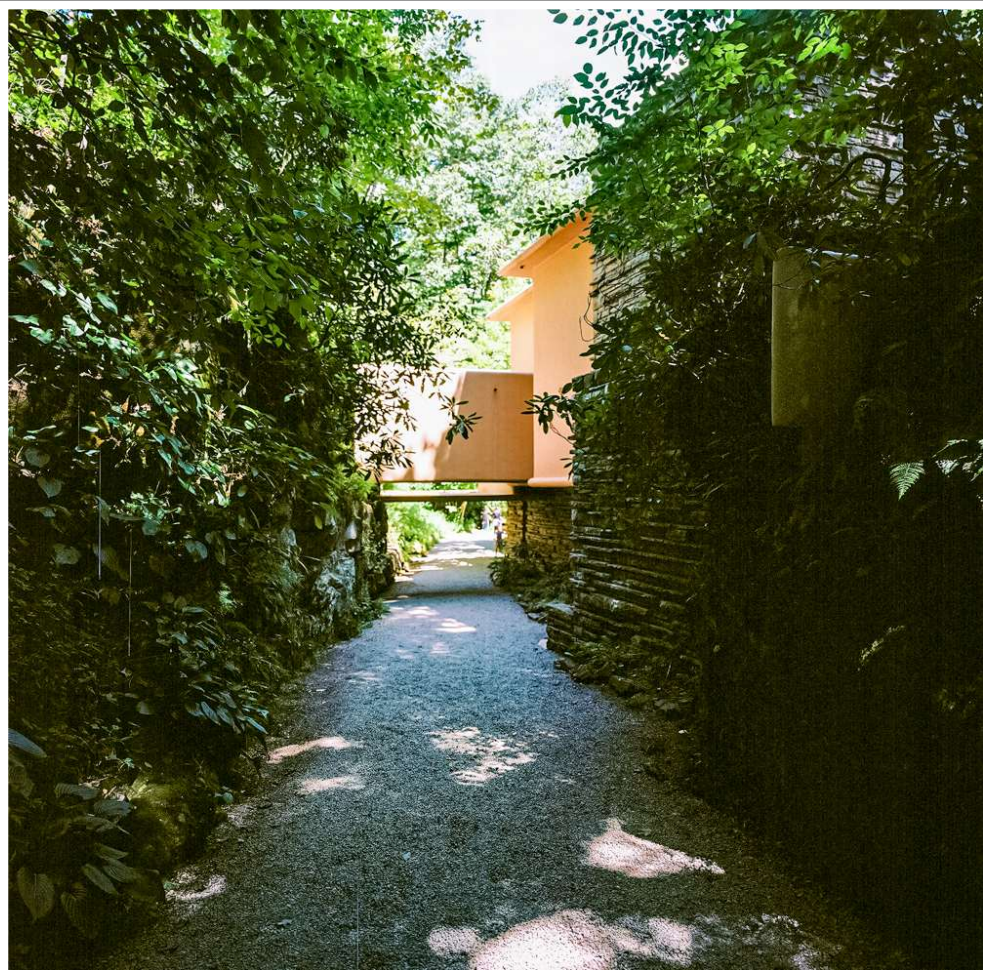


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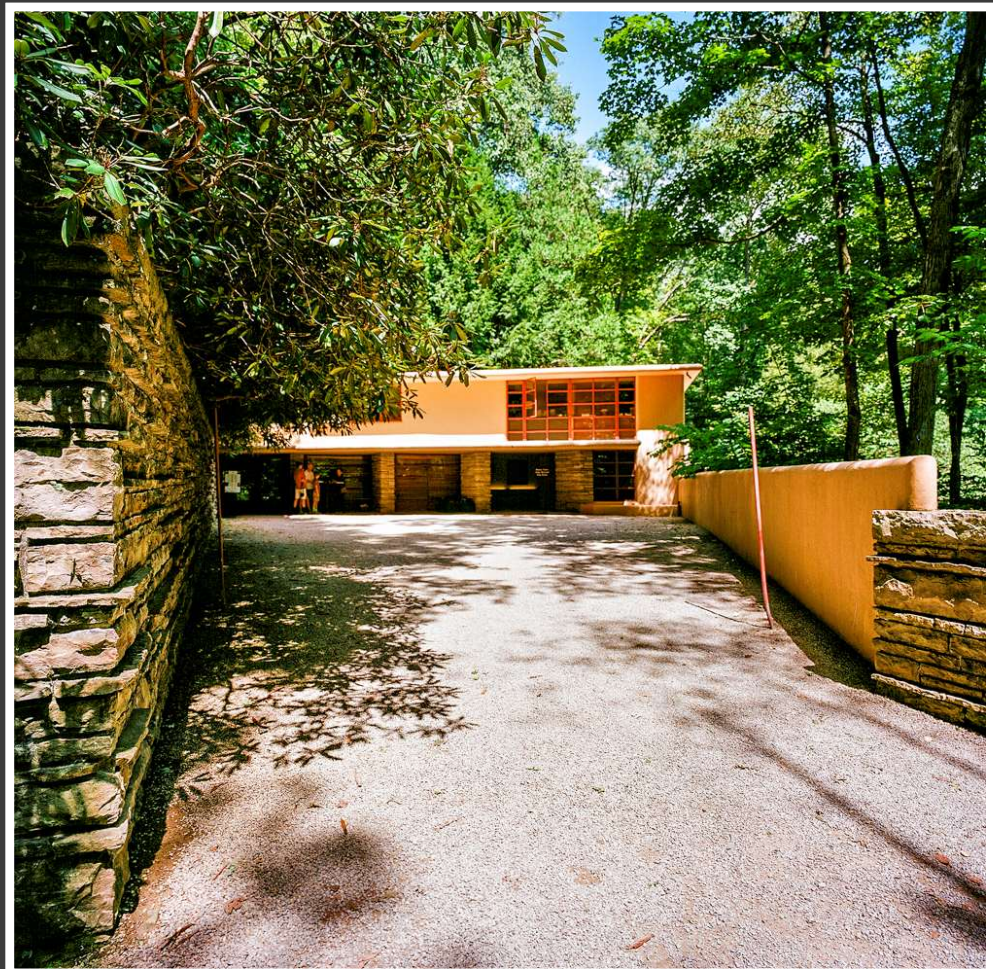


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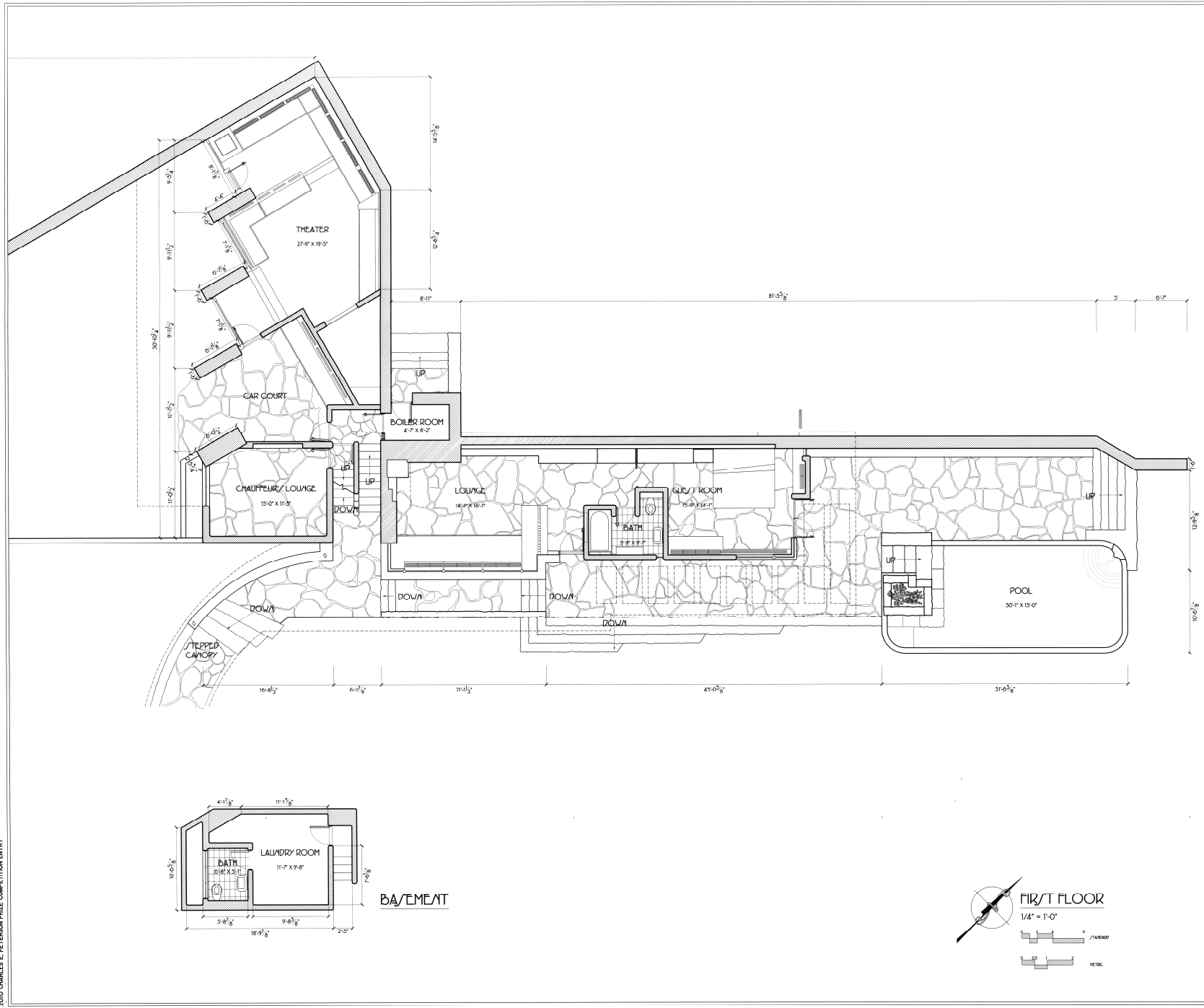




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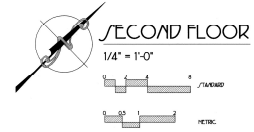
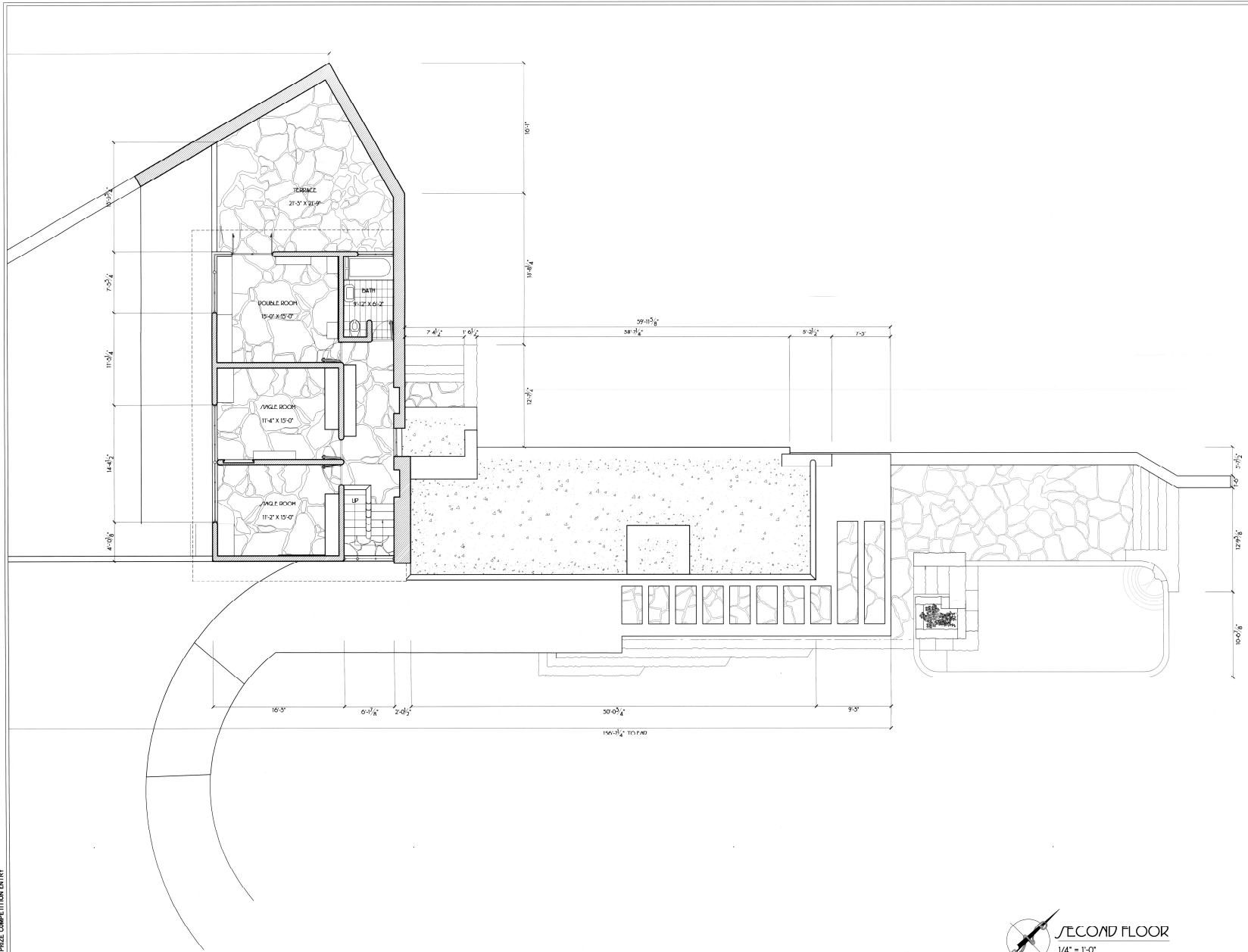








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Thank You  
and  
See You in the Fall