

APPENDIX D

AERIAL PHOTOGRAPHS





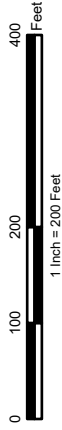
Subject Property Boundary

File Location: Z:\GIS\Projects\006115976_West Mill Creek Property\15976_01_Phase1ESA.aprx



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Phase I Environmental Site Assessment
West Mill Creek Property

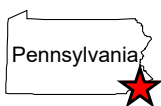
Historical Aerial Photograph 1942

5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania



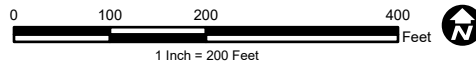
Date Edited: 9/26/2023

GIS User: dreed



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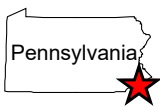
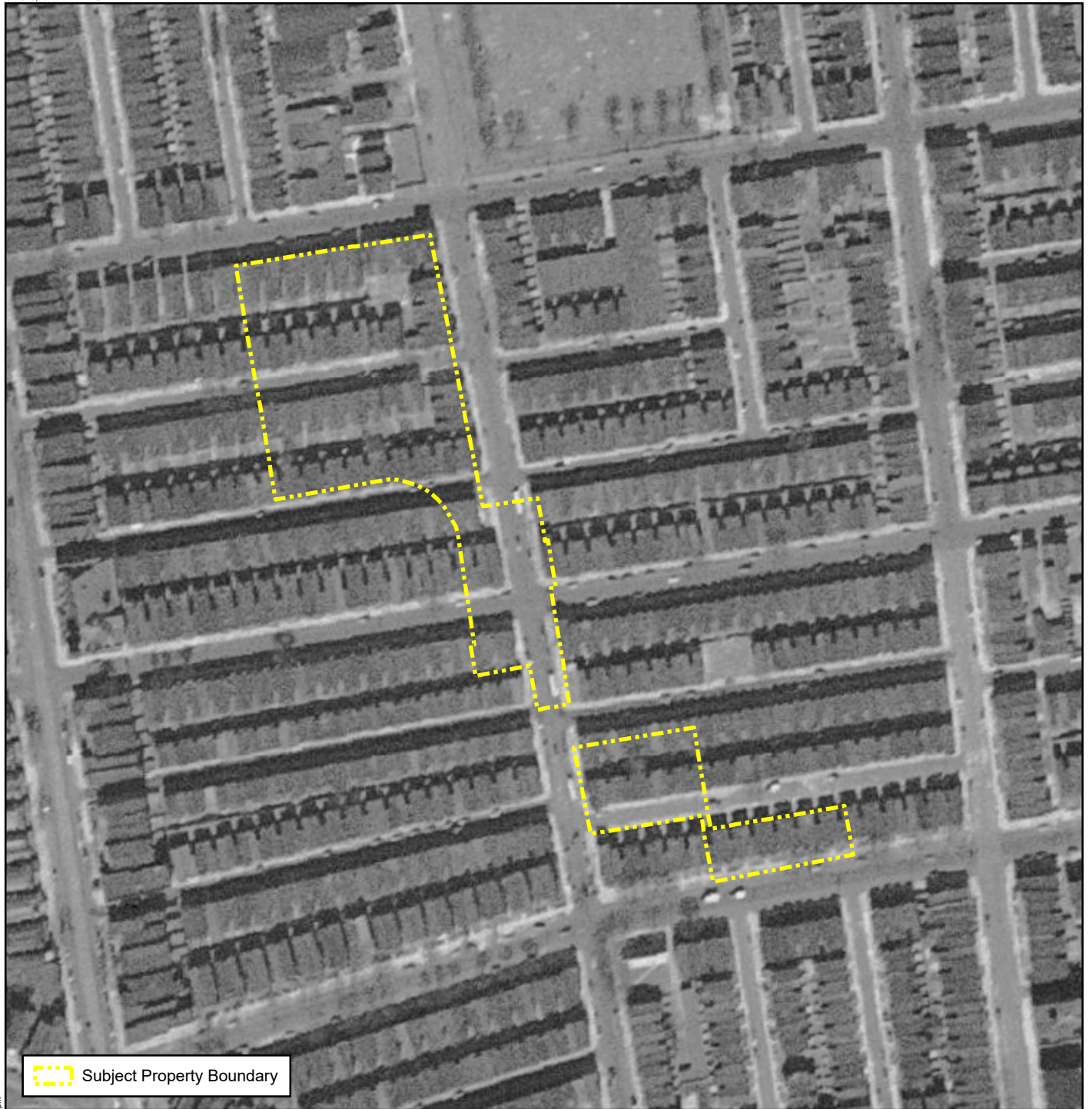
Phase I Environmental Site Assessment
West Mill Creek Property

**Historical Aerial Photograph
1945**

5100 Westminister Ave
Philadelphia, Philadelphia County, Pennsylvania

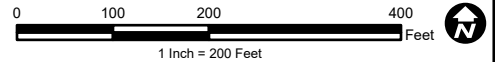
Date Edited: 9/26/2023

GIS User: dred



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Phase I Environmental Site Assessment
West Mill Creek Property

**Historical Aerial Photograph
1950**

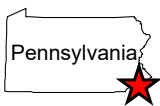
5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dred

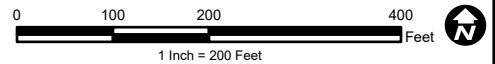


 Subject Property Boundary



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West Mill Creek Property

**Historical Aerial Photograph
1953**

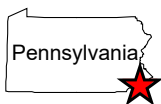
5100 Westminister Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dred

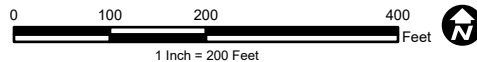


 Subject Property Boundary



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West Mill Creek Property

**Historical Aerial Photograph
1965**

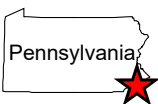
5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

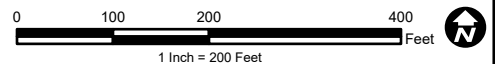
GIS User: dred



 Subject Property Boundary



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Phase I Environmental Site Assessment
West Mill Creek Property

**Historical Aerial Photograph
1967**

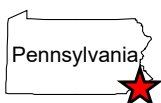
5100 Westminister Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dreed

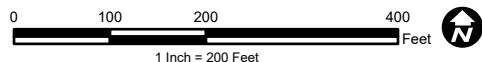


 Subject Property Boundary



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West Mill Creek Property

**Historical Aerial Photograph
1971**

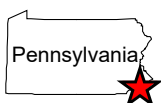
5100 Westminister Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dreed

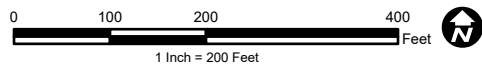


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Phase I Environmental Site Assessment
West Mill Creek Property

**Historical Aerial Photograph
1975**

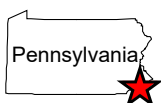
5100 Westminister Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dred

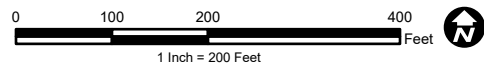


 Subject Property Boundary



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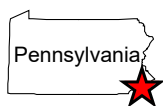
Phase I Environmental Site Assessment
West Mill Creek Property

**Historical Aerial Photograph
1981**

5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania

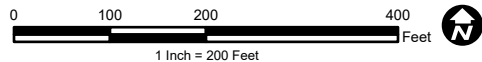
Date Edited: 9/26/2023

GIS User: dred



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Source: The aerial photo was acquired through Environmental Data Resources (EDR).



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West Mill Creek Property

**Historical Aerial Photograph
1988**

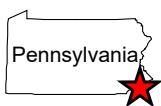
5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dred

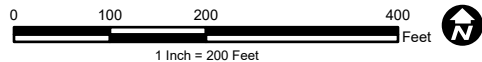


 Subject Property Boundary



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West Mill Creek Property

**Historical Aerial Photograph
1992**

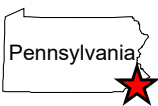
5100 Westminister Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dred

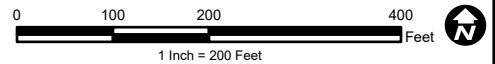


 Subject Property Boundary



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Phase I Environmental Site Assessment
West Mill Creek Property

**Historical Aerial Photograph
1999**

5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania

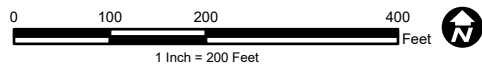
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Source: The aerial photo was acquired through Environmental Data Resources (EDR).



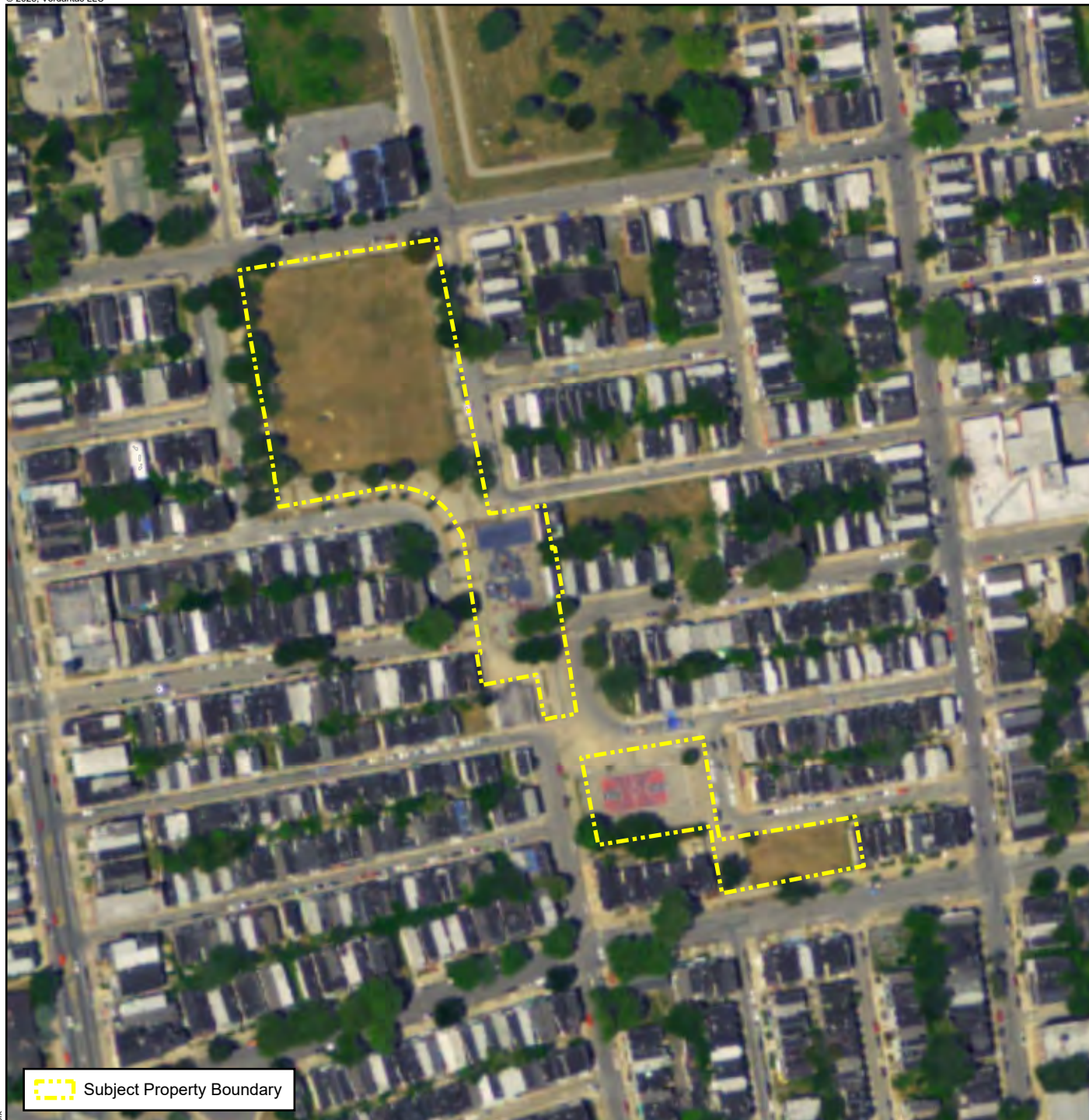
Phase I Environmental Site Assessment
West Mill Creek Property

**Historical Aerial Photograph
2005**

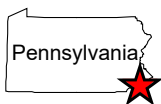
5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dred

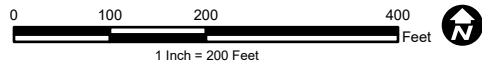


 Subject Property Boundary



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Phase I Environmental Site Assessment
West Mill Creek Property


**Historical Aerial Photograph
2010**

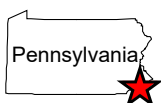
5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dred

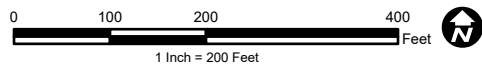


 Subject Property Boundary



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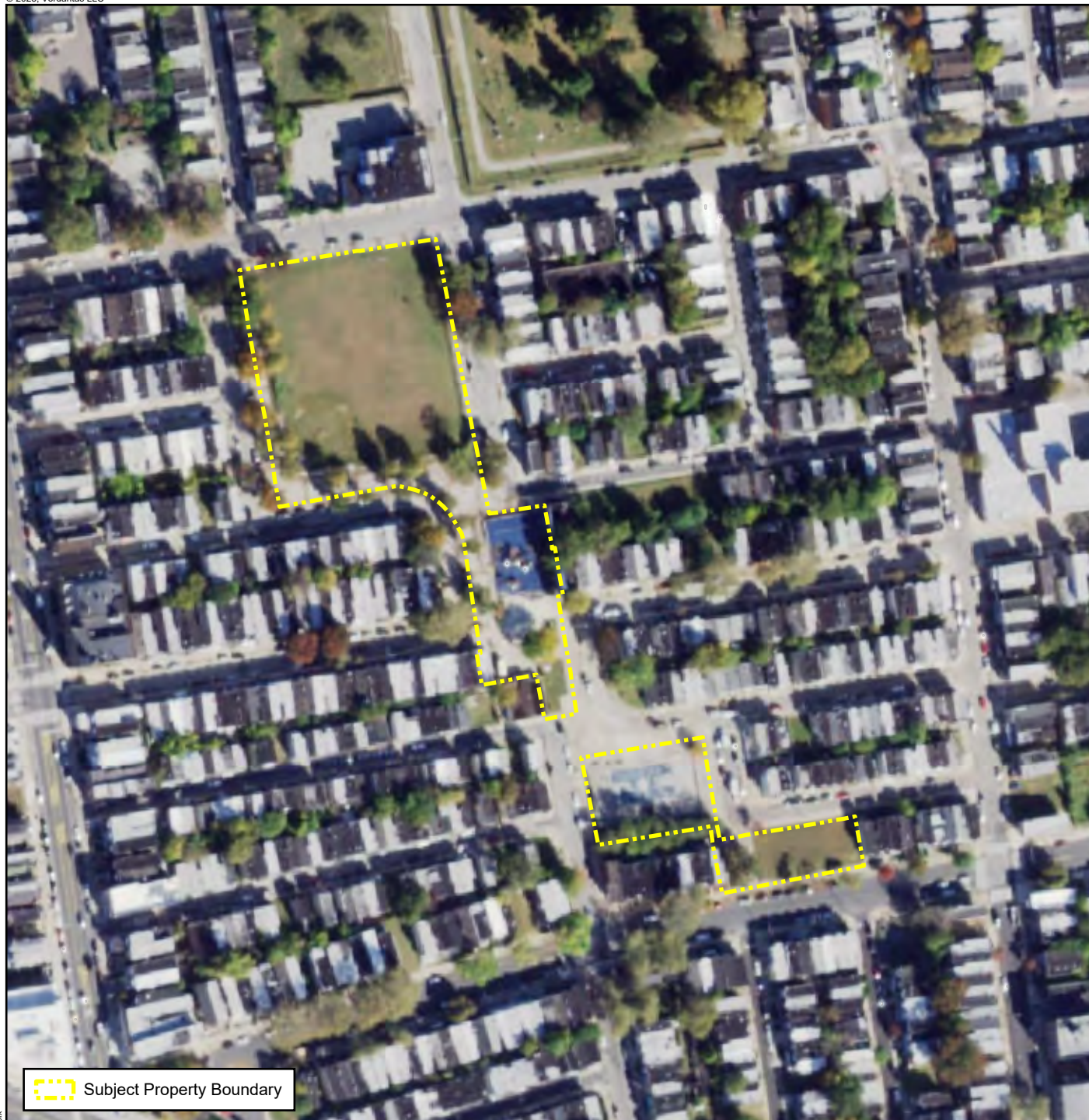
Phase I Environmental Site Assessment
West Mill Creek Property

**Historical Aerial Photograph
2015**

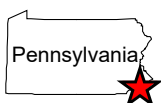
5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dred

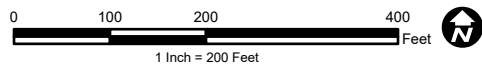


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Source: The aerial photo was acquired through Environmental Data Resources (EDR).



Phase I Environmental Site Assessment
West Mill Creek Property

**Historical Aerial Photograph
2019**

5100 Westminster Ave
Philadelphia, Philadelphia County, Pennsylvania

Date Edited: 9/26/2023

GIS User: dred

APPENDIX E


HISTORICAL LAND USE MAPS



APPENDIX E-1

SANBORN FIRE INSURANCE MAPS





West Mill Creek Site
5100 Westminster Ave
Philadelphia, PA 19139

Inquiry Number: 7435387.3

September 06, 2023

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/06/23

Site Name:

West Mill Creek Site
5100 Westminster Ave
Philadelphia, PA 19139
EDR Inquiry # 7435387.3

Client Name:

Verdantas, LLC
4 Hemishpere Way
Bedford, OH 44146
Contact: Michael Piedmonte



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Certified Sanborn Results:

Certification # 6E70-4A20-BA03

PO # 006.0000015976

Project 15976

Maps Provided:

2006	1951
2004	1922
2002	
2000	
1989	
1980	
1975	
1965	



Sanborn® Library search results

Certification #: 6E70-4A20-BA03

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- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

The Sanborn Library LLC Since 1866™

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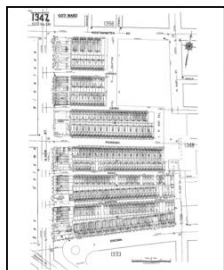
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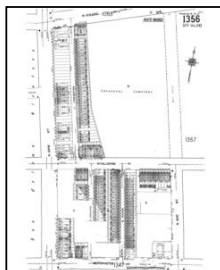
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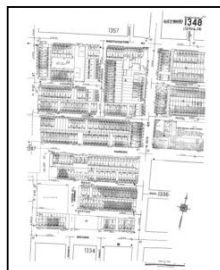
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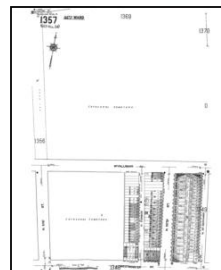
Volume 14, Sheet 1347
2006



Volume 14, Sheet 1356
2006

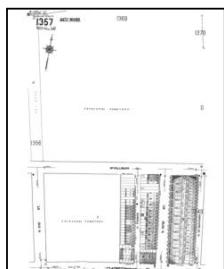


Volume 14, Sheet 1348
2006

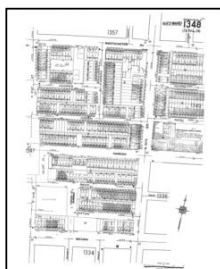


Volume 14, Sheet 1357
2006

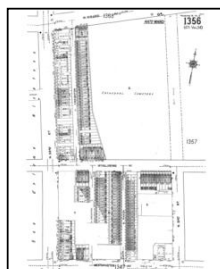
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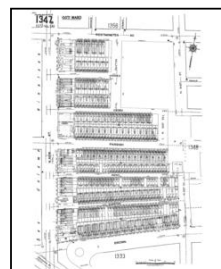
Volume 14, Sheet 1357
2004



Volume 14, Sheet 1348
2004

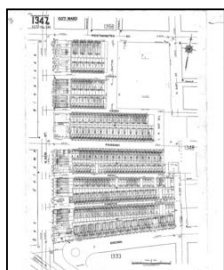


Volume 14, Sheet 1356
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Volume 14, Sheet 1347
2004

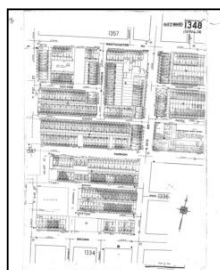
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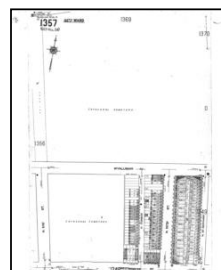
Volume 14, Sheet 1347
2002



Volume 14, Sheet 1356
2002

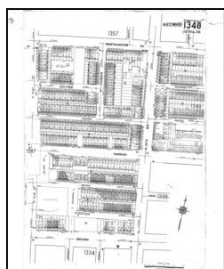


Volume 14, Sheet 1348
2002

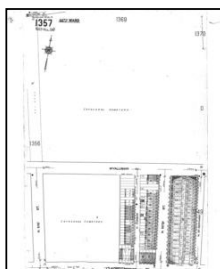


Volume 14, Sheet 1357
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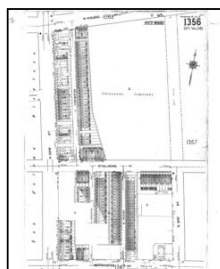
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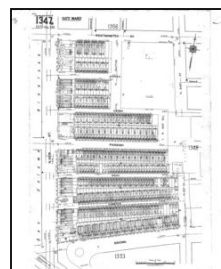
Volume 14, Sheet 1348
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Volume 14, Sheet 1357
2000



Volume 14, Sheet 1356
2000



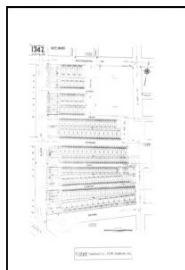
Volume 14, Sheet 1347
2000

Sanborn Sheet Key

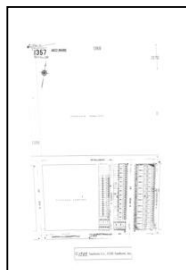
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1989 Source Sheets



Volume 14, Sheet 1347
1989



Volume 14, Sheet 1357
1989



Volume 14, Sheet 1356
1989



Volume 14, Sheet 1348
1989

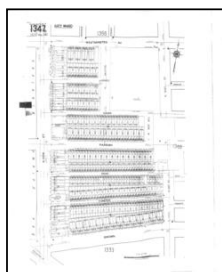


Volume 19, Sheet 1821
1989



Volume 19, Sheet 1834
1989

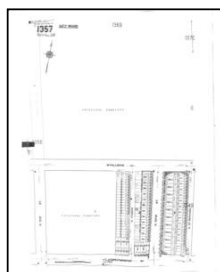
1980 Source Sheets



Volume 14, Sheet 1347
1980



Volume 14, Sheet 1348
1980

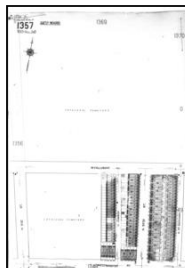


Volume 14, Sheet 1357
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Volume 14, Sheet 1356
1980

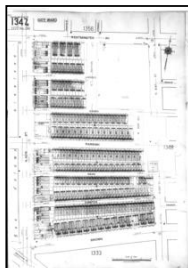
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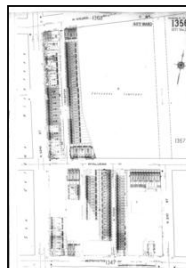
Volume 14, Sheet 1357
1975



Volume 14, Sheet 1348
1975



Volume 14, Sheet 1347
1975



Volume 14, Sheet 1356
1975

Sanborn Sheet Key

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1965 Source Sheets



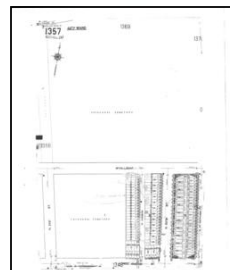
Volume 14, Sheet 1356
1965



Volume 14, Sheet 1347
1965

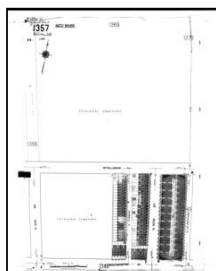


Volume 14, Sheet 1348
1965

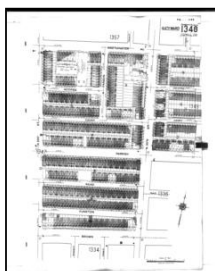


Volume 14, Sheet 1357
1965

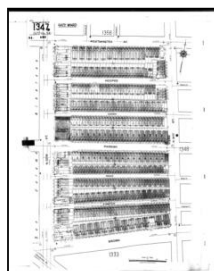
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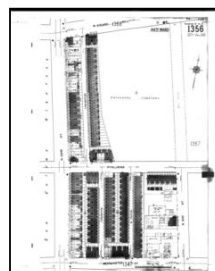
Volume 14, Sheet 1357
1951



Volume 14, Sheet 1348
1951

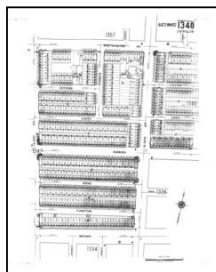


Volume 14, Sheet 1347
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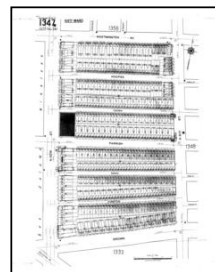


Volume 14, Sheet 1356
1951

1922 Source Sheets



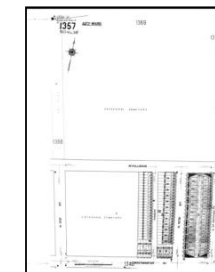
Volume 14, Sheet 1348
1922



Volume 14, Sheet 1347
1922



Volume 14, Sheet 1356
1922



Volume 14, Sheet 1357
1922



Site Name: West Mill Creek Site
 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
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 EDR Inquiry: 7435387.3
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Volume 14, Sheet 1357
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 Volume 14, Sheet 1347

0 Feet 150 300 600

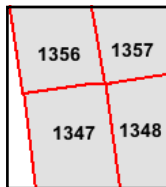
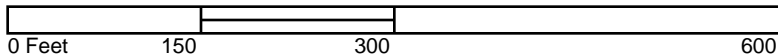




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 Volume 14, Sheet 1357

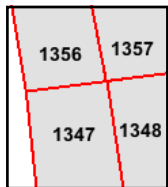
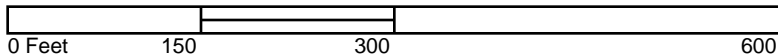




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 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 14, Sheet 1347

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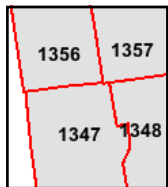
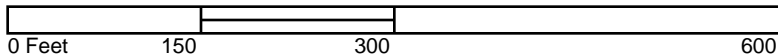
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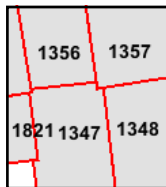
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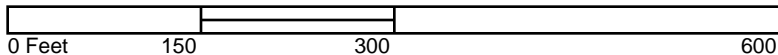
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 Address: 5100 Westminister Ave
 City, ST, ZIP: Philadelphia, PA 19139
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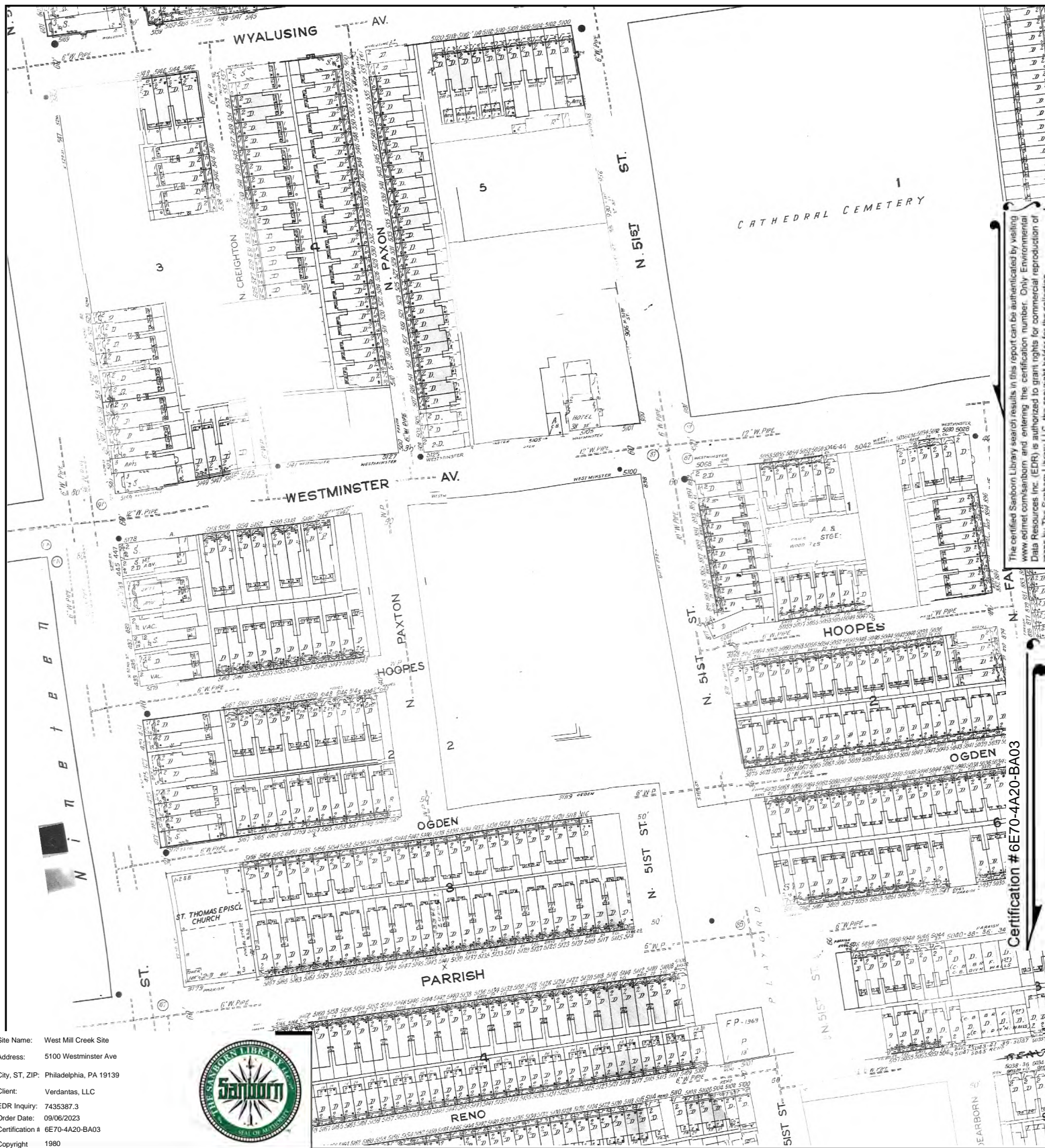


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Volume 19, Sheet 1834
 Volume 19, Sheet 1821
 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 14, Sheet 1357
 Volume 14, Sheet 1347

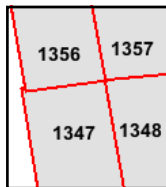




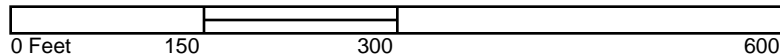
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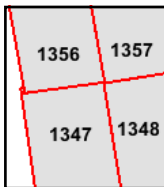
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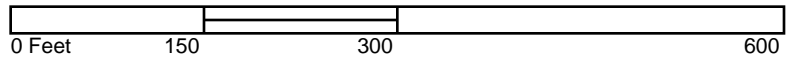
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 Volume 14, Sheet 1357



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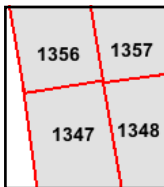


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Volume 14, Sheet 1357
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 Volume 14, Sheet 1347
 Volume 14, Sheet 1356





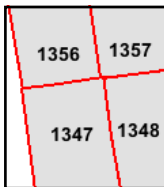
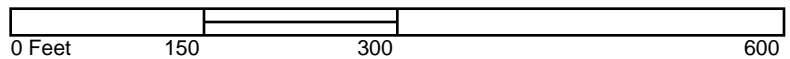
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 City, ST, ZIP: Philadelphia, PA 19139
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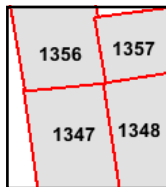




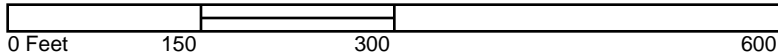
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 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
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 Volume 14, Sheet 1348





West Mill Creek Site
5100 Westminster Ave
Philadelphia, PA 19139

Inquiry Number: 7435387.3

September 06, 2023

Certified Sanborn® Map Report



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/06/23

Site Name:

West Mill Creek Site
5100 Westminster Ave
Philadelphia, PA 19139
EDR Inquiry # 7435387.3

Client Name:

Verdantas, LLC
4 Hemishpere Way
Bedford, OH 44146
Contact: Michael Piedmonte



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Project 15976

Maps Provided:

2006	1951
2004	1922
2002	
2000	
1989	
1980	
1975	
1965	



Sanborn® Library search results

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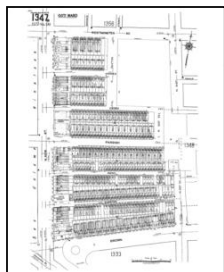
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Sanborn Sheet Key

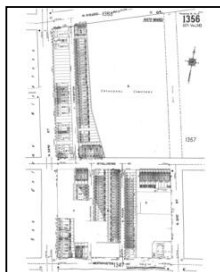
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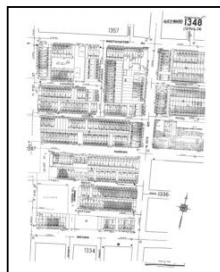
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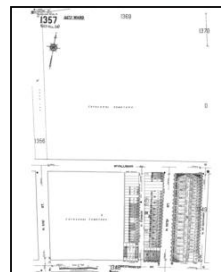
Volume 14, Sheet 1347
2006



Volume 14, Sheet 1356
2006

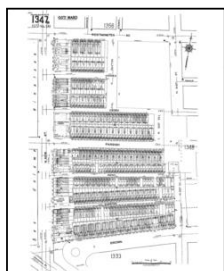


Volume 14, Sheet 1348
2006



Volume 14, Sheet 1357
2006

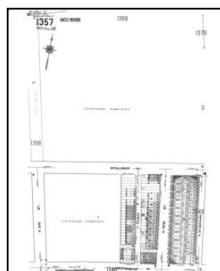
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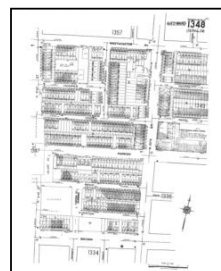
Volume 14, Sheet 1347
2004



Volume 14, Sheet 1356
2004

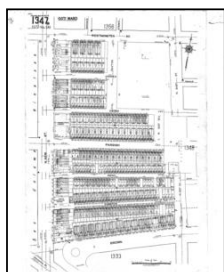


Volume 14, Sheet 1357
2004



Volume 14, Sheet 1348
2004

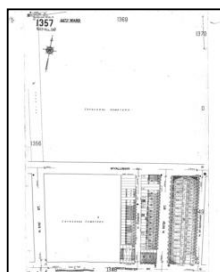
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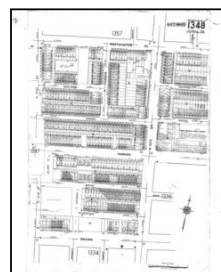
Volume 14, Sheet 1347
2002



Volume 14, Sheet 1356
2002

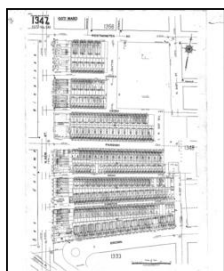


Volume 14, Sheet 1357
2002



Volume 14, Sheet 1348
2002

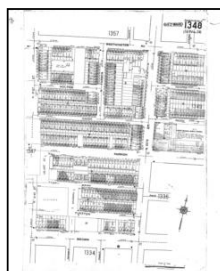
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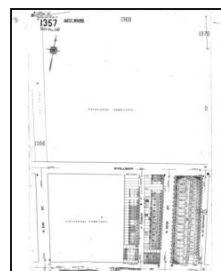
Volume 14, Sheet 1347
2000



Volume 14, Sheet 1356
2000



Volume 14, Sheet 1348
2000



Volume 14, Sheet 1357
2000

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1989 Source Sheets



Volume 19, Sheet 1834
1989



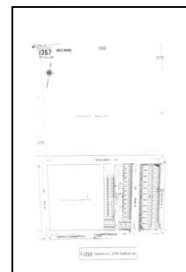
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1989



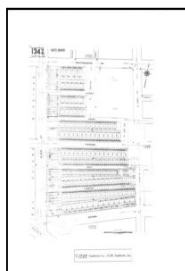
Volume 14, Sheet 1356
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Volume 14, Sheet 1348
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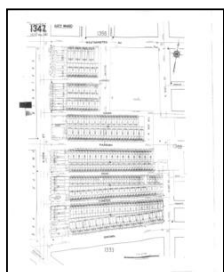


Volume 14, Sheet 1357
1989



Volume 14, Sheet 1347
1989

1980 Source Sheets



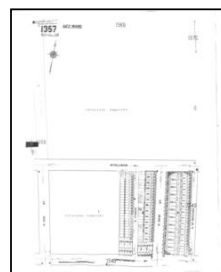
Volume 14, Sheet 1347
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Volume 14, Sheet 1356
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Volume 14, Sheet 1348
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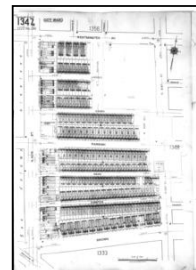


Volume 14, Sheet 1357
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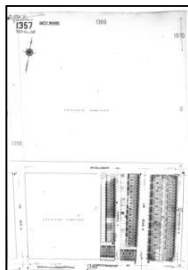
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Volume 14, Sheet 1356
1975



Volume 14, Sheet 1347
1975



Volume 14, Sheet 1357
1975



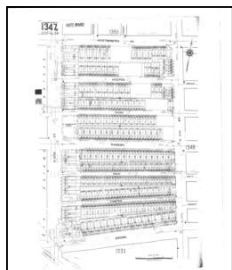
Volume 14, Sheet 1348
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Sanborn Sheet Key

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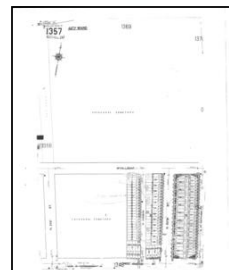
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Volume 14, Sheet 1356
1965

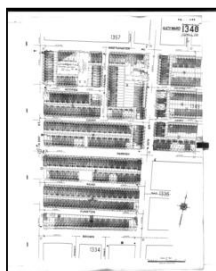


Volume 14, Sheet 1348
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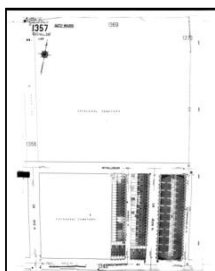


Volume 14, Sheet 1357
1965

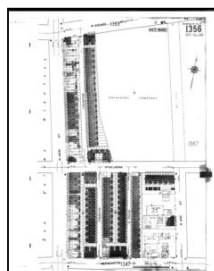
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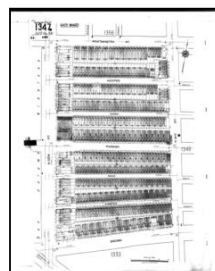
Volume 14, Sheet 1348
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Volume 14, Sheet 1357
1951

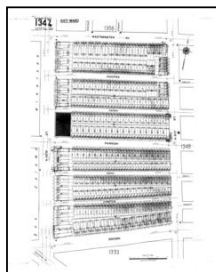


Volume 14, Sheet 1356
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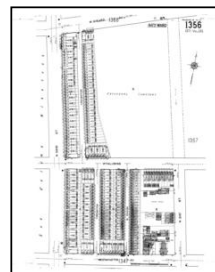


Volume 14, Sheet 1347
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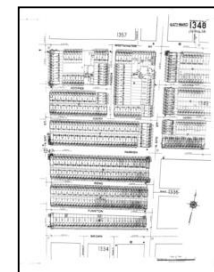
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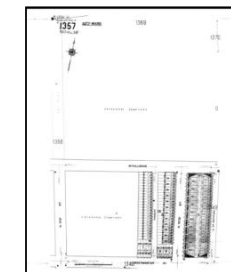
Volume 14, Sheet 1347
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Volume 14, Sheet 1356
1922



Volume 14, Sheet 1348
1922



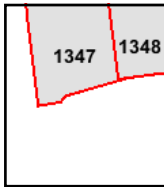
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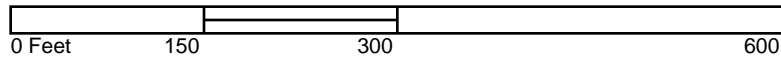
Site Name: West Mill Creek Site
 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantas, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
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Volume 14, Sheet 1357
 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 14, Sheet 1347



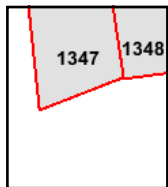


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 Volume 14, Sheet 1356
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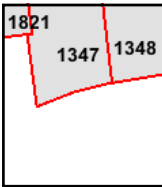
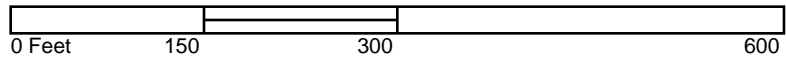
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Site Name: West Mill Creek Site
 Address: 5100 Westminister Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantas, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 1989



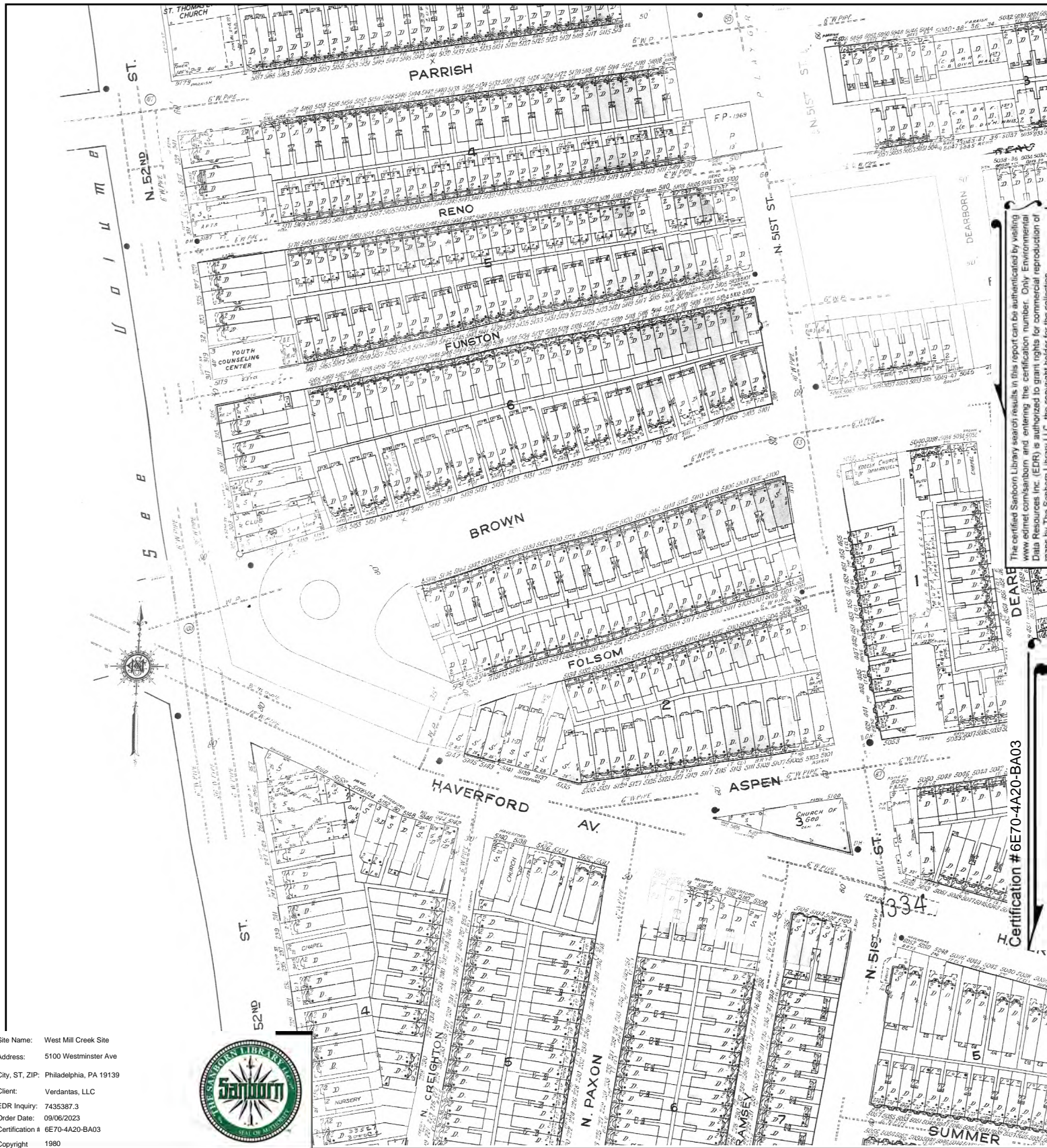
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Volume 14, Sheet 1347
 Volume 14, Sheet 1357
 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 19, Sheet 1821
 Volume 19, Sheet 1834

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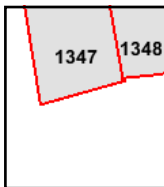
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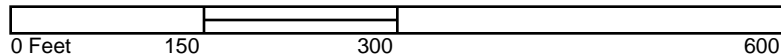
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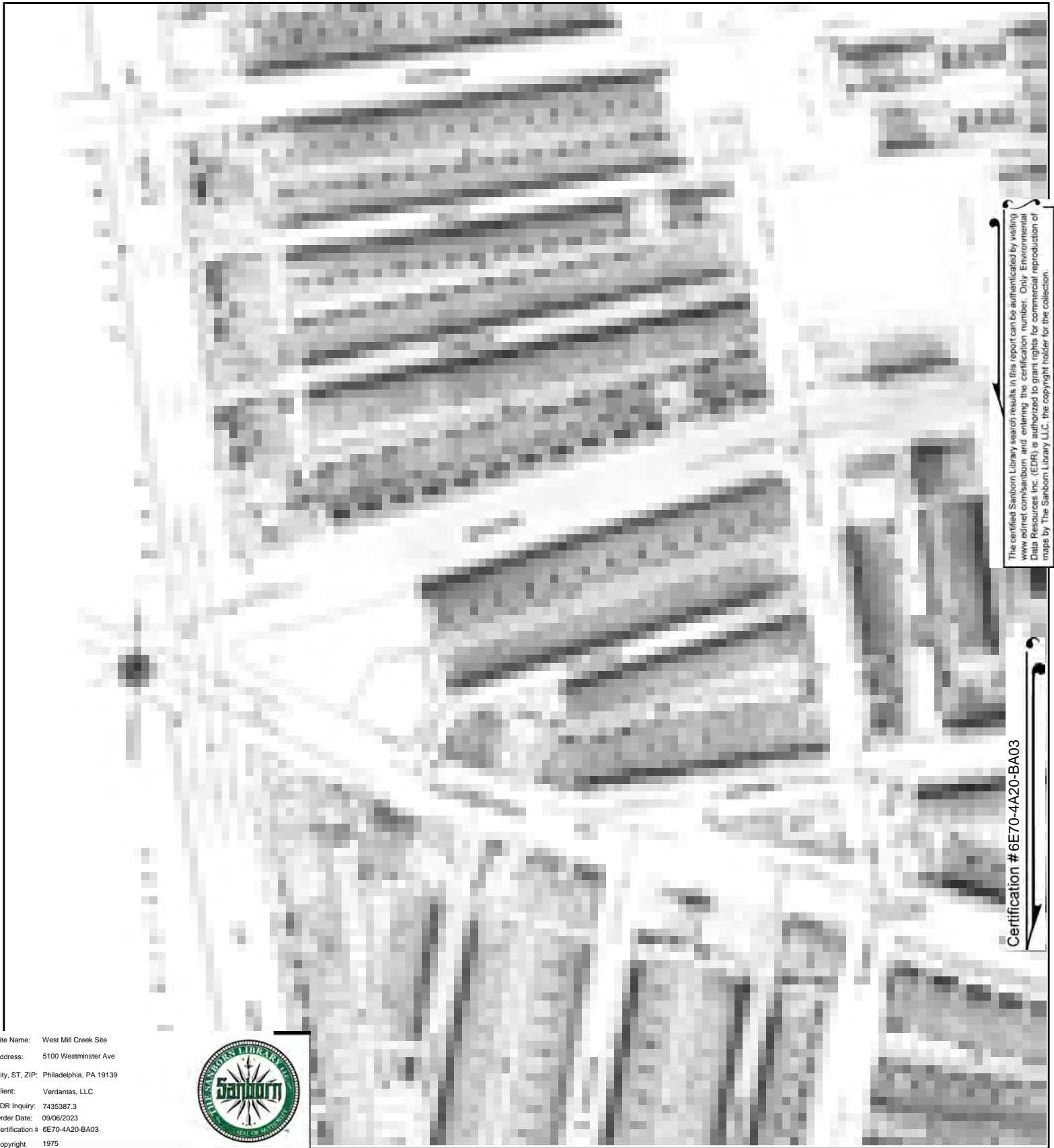


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Volume 14, Sheet 1357
 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 14, Sheet 1347





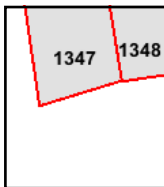
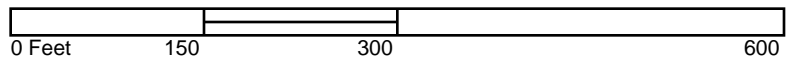
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 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 1975



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 Volume 14, Sheet 1357
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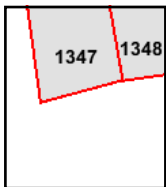
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Address: 5100 Westminster Ave
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Client: Verdantas, LLC
EDR Inquiry: 7435387.3
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Certification # 6E70-4A20-BA03
Copyright 1965



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Volume 14, Sheet 1357
Volume 14, Sheet 1348
Volume 14, Sheet 1356
Volume 14, Sheet 1347





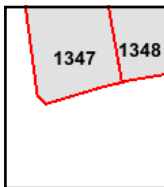
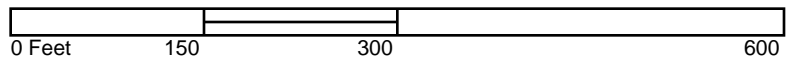
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Site Name: West Mill Creek Site
 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantas, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
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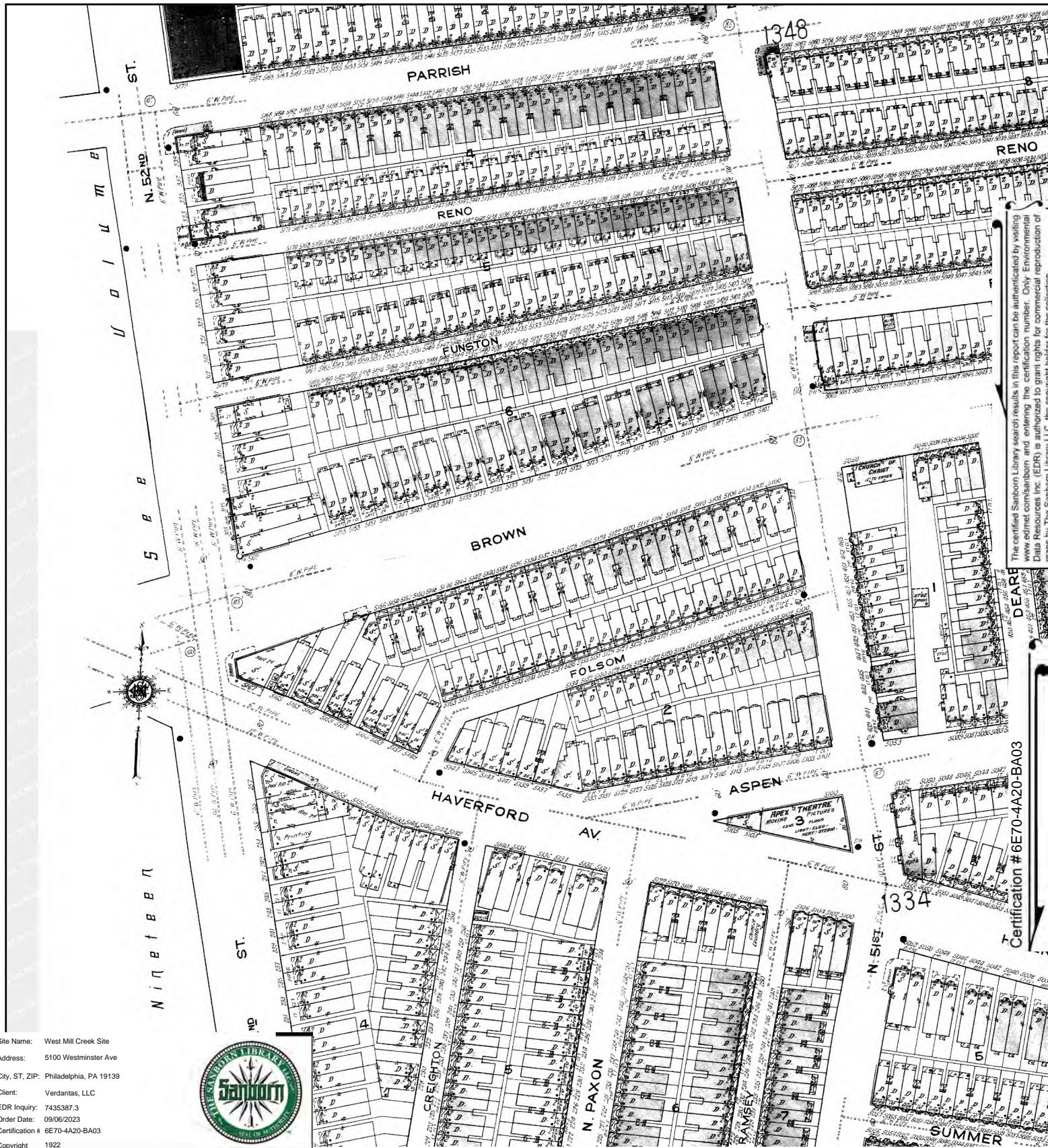


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 Volume 14, Sheet 1357
 Volume 14, Sheet 1348

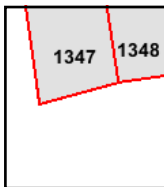




Site Name: West Mill Creek Site
 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantis, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification # 6E70-4A20-BA03
 Copyright 1922




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 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 14, Sheet 1347

0 Feet 150 300 600





West Mill Creek Site
5100 Westminster Ave
Philadelphia, PA 19139

Inquiry Number: 7435387.3

September 06, 2023

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/06/23

Site Name:

West Mill Creek Site
5100 Westminster Ave
Philadelphia, PA 19139
EDR Inquiry # 7435387.3

Client Name:

Verdantas, LLC
4 Hemishpere Way
Bedford, OH 44146
Contact: Michael Piedmonte



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Certified Sanborn Results:

Certification # 6E70-4A20-BA03

PO # 006.0000015976

Project 15976

Maps Provided:

2006	1951
2004	1922
2002	
2000	
1989	
1980	
1975	
1965	



Sanborn® Library search results

Certification #: 6E70-4A20-BA03

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- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

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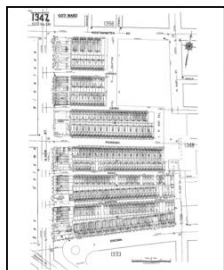
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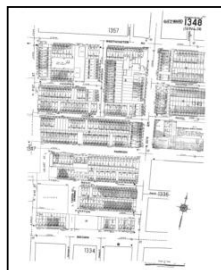
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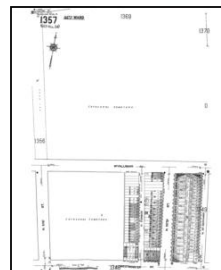
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2006



Volume 14, Sheet 1356
2006

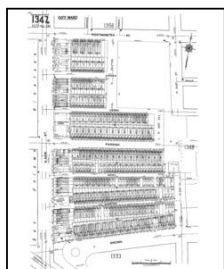


Volume 14, Sheet 1348
2006



Volume 14, Sheet 1357
2006

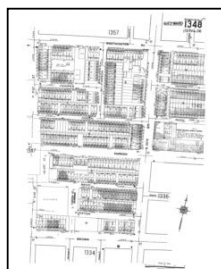
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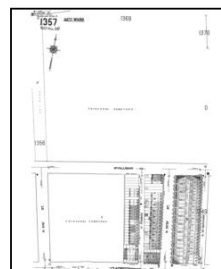
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Volume 14, Sheet 1356
2004

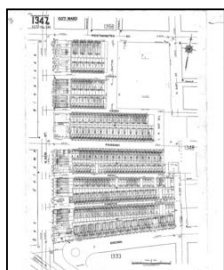


Volume 14, Sheet 1348
2004

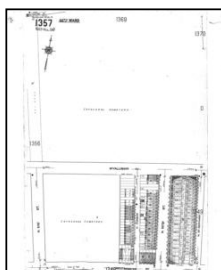


Volume 14, Sheet 1357
2004

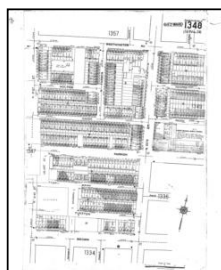
2002 Source Sheets



Volume 14, Sheet 1347
2002



Volume 14, Sheet 1357
2002

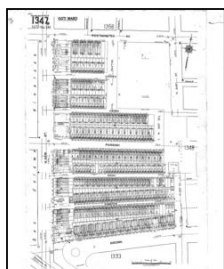


Volume 14, Sheet 1348
2002



Volume 14, Sheet 1356
2002

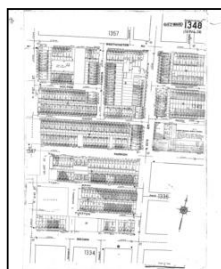
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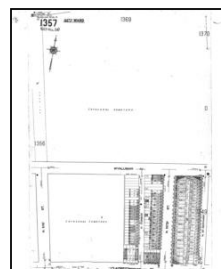
Volume 14, Sheet 1347
2000



Volume 14, Sheet 1356
2000



Volume 14, Sheet 1348
2000



Volume 14, Sheet 1357
2000

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1989 Source Sheets



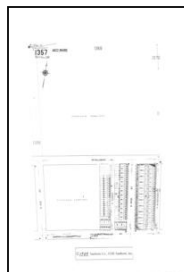
Volume 19, Sheet 1834
1989



Volume 14, Sheet 1356
1989



Volume 14, Sheet 1348
1989



Volume 14, Sheet 1357
1989

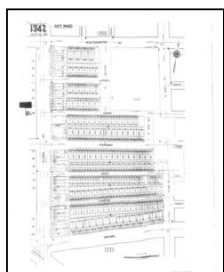


Volume 14, Sheet 1347
1989



Volume 19, Sheet 1821
1989

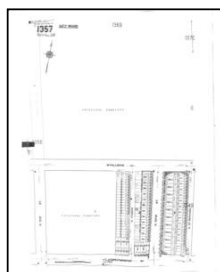
1980 Source Sheets



Volume 14, Sheet 1347
1980



Volume 14, Sheet 1348
1980

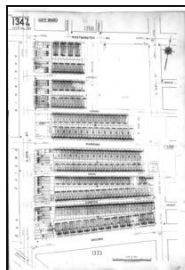


Volume 14, Sheet 1357
1980



Volume 14, Sheet 1356
1980

1975 Source Sheets



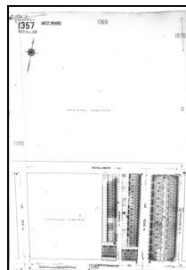
Volume 14, Sheet 1347
1975



Volume 14, Sheet 1356
1975



Volume 14, Sheet 1348
1975



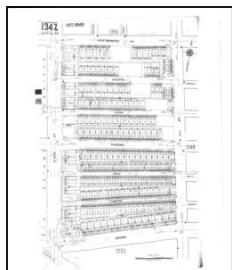
Volume 14, Sheet 1357
1975

Sanborn Sheet Key

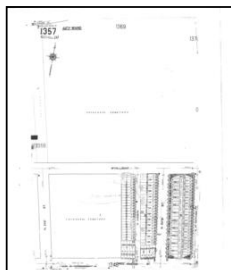
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1965 Source Sheets



Volume 14, Sheet 1347
1965



Volume 14, Sheet 1357
1965



Volume 14, Sheet 1348
1965

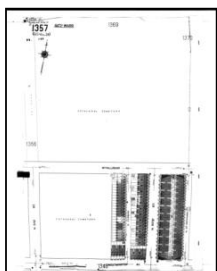


Volume 14, Sheet 1356
1965

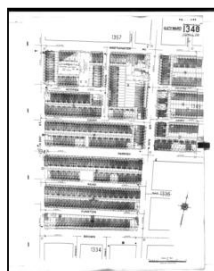
1951 Source Sheets



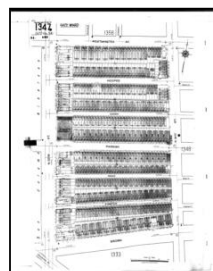
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1951



Volume 14, Sheet 1357
1951

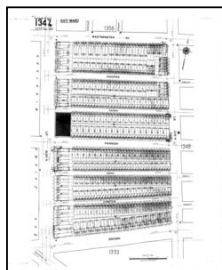


Volume 14, Sheet 1348
1951

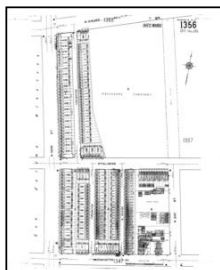


Volume 14, Sheet 1347
1951

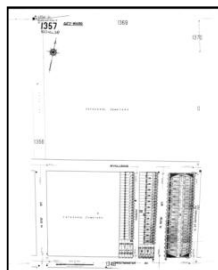
1922 Source Sheets



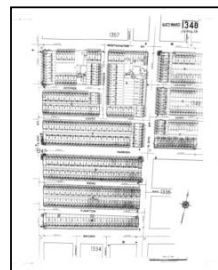
Volume 14, Sheet 1347
1922



Volume 14, Sheet 1356
1922



Volume 14, Sheet 1357
1922



Volume 14, Sheet 1348
1922



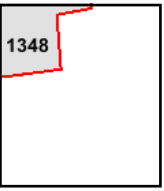
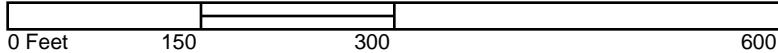
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Certification # 6E70-4A20-BA03

Site Name: West Mill Creek Site
 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantia, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 2006



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 14, Sheet 1357
 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 14, Sheet 1347





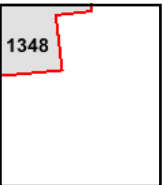
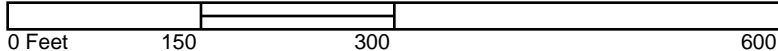
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Certification # 6E70-4A20-BA03

Site Name: West Mill Creek Site
 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantas, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification # 6E70-4A20-BA03
 Copyright 2004

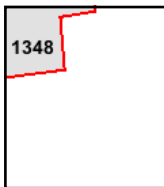


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 14, Sheet 1357
 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 14, Sheet 1347



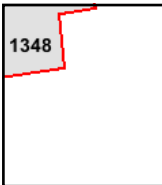




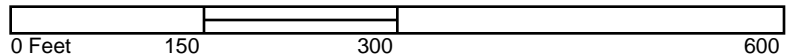
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 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantas, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 2000



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 14, Sheet 1357
 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 14, Sheet 1347

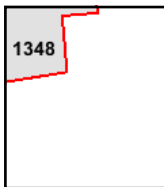




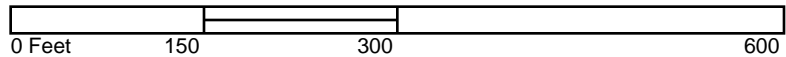
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 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantas, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 1989



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 19, Sheet 1821
 Volume 14, Sheet 1347
 Volume 14, Sheet 1357
 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 19, Sheet 1834

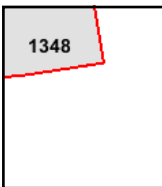
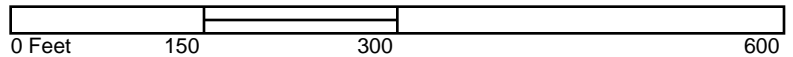




Site Name: West Mill Creek Site
 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantas, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 1980



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 Outlined areas indicate map sheets within the collection.



Volume 14, Sheet 1356
 Volume 14, Sheet 1357
 Volume 14, Sheet 1348
 Volume 14, Sheet 1347

Certification # 6E70-4A20-BA03

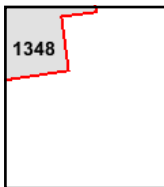
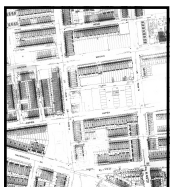
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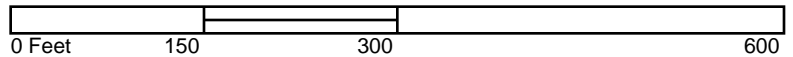
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 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantas, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 1975



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Volume 14, Sheet 1357
 Volume 14, Sheet 1348
 Volume 14, Sheet 1356
 Volume 14, Sheet 1347



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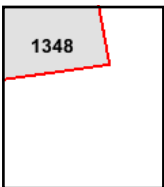
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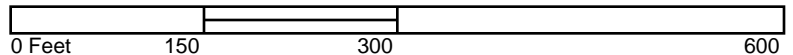
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 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantia, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 1965



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 14, Sheet 1356
 Volume 14, Sheet 1348
 Volume 14, Sheet 1357
 Volume 14, Sheet 1347



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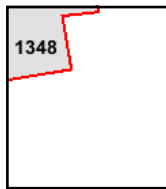
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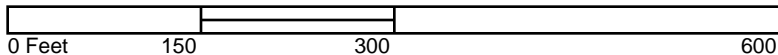
Site Name: West Mill Creek Site
 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantis, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 1951



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 14, Sheet 1347
 Volume 14, Sheet 1348
 Volume 14, Sheet 1357
 Volume 14, Sheet 1356

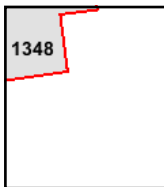




Site Name: West Mill Creek Site
 Address: 5100 Westminster Ave
 City, ST, ZIP: Philadelphia, PA 19139
 Client: Verdantas, LLC
 EDR Inquiry: 7435387.3
 Order Date: 09/06/2023
 Certification #: 6E70-4A20-BA03
 Copyright: 1922



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 14, Sheet 1348
 Volume 14, Sheet 1357
 Volume 14, Sheet 1356
 Volume 14, Sheet 1347


0 Feet 150 300 600



APPENDIX E-2

TOPOGRAPHIC MAPS





West Mill Creek Site
5100 Westminster Ave
Philadelphia, PA 19139

Inquiry Number: 7435387.4

September 05, 2023

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

09/05/23

Site Name:

West Mill Creek Site
5100 Westminster Ave
Philadelphia, PA 19139
EDR Inquiry # 7435387.4

Client Name:

Verdantas, LLC
4 Hemishpere Way
Bedford, OH 44146
Contact: Michael Piedmonte



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Verdantas, LLC were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	006.0000015976	Latitude:	39.968049 39° 58' 5" North
Project:	15976	Longitude:	-75.223352 -75° 13' 24" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	480925.85
		UTM Y Meters:	4424234.86
		Elevation:	95.00' above sea level

Maps Provided:

2019	1949	1891
2016	1943	
2013	1920	
1995	1906	
1994	1901	
1985	1898	
1973	1896	
1967	1894	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2019 Source Sheets



Philadelphia
2019
7.5-minute, 24000



Lansdowne
2019
7.5-minute, 24000

2016 Source Sheets



Philadelphia
2016
7.5-minute, 24000



Lansdowne
2016
7.5-minute, 24000

2013 Source Sheets



Philadelphia
2013
7.5-minute, 24000



Lansdowne
2013
7.5-minute, 24000

1995 Source Sheets



Philadelphia
1995
7.5-minute, 24000
Aerial Photo Revised 1995

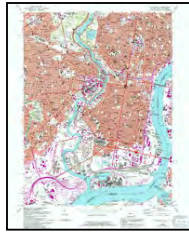
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1994 Source Sheets



Lansdowne
1994
7.5-minute, 24000
Aerial Photo Revised 1990



Philadelphia
1994
7.5-minute, 24000
Aerial Photo Revised 1990

1985 Source Sheets

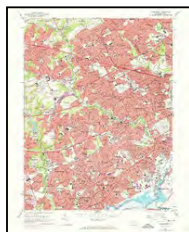


Philadelphia
1985
7.5-minute, 24000
Aerial Photo Revised 1982

1973 Source Sheets



Philadelphia
1973
7.5-minute, 24000
Aerial Photo Revised 1965

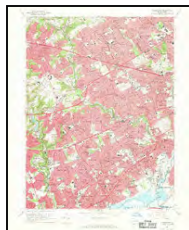


Lansdowne
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1967 Source Sheets



Philadelphia
1967
7.5-minute, 24000
Aerial Photo Revised 1965



Lansdowne
1967
7.5-minute, 24000
Aerial Photo Revised 1965

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1949 Source Sheets



Philadelphia
1949
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



PHILADELPHIA
1943
15-minute, 50000

1920 Source Sheets



Philadelphia
1920
15-minute, 62500

1906 Source Sheets

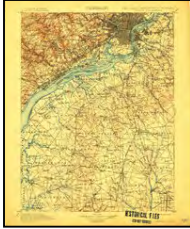


PHILADELPHIA
1906
15-minute, 62500

Topo Sheet Key

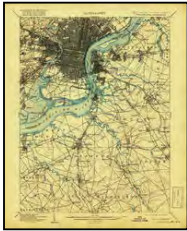
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1901 Source Sheets

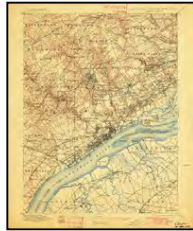


Camden
1901
30-minute, 125000

1898 Source Sheets

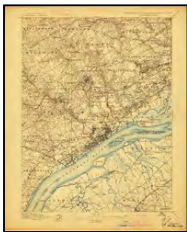


Philadelphia
1898
15-minute, 62500

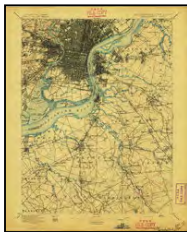


Chester
1898
15-minute, 62500

1896 Source Sheets

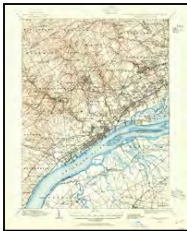


Chester
1896
15-minute, 62500

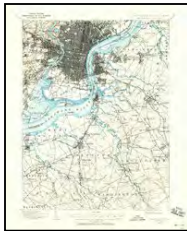


Philadelphia
1896
15-minute, 62500

1894 Source Sheets



Chester
1894
15-minute, 62500



Philadelphia
1894
15-minute, 62500

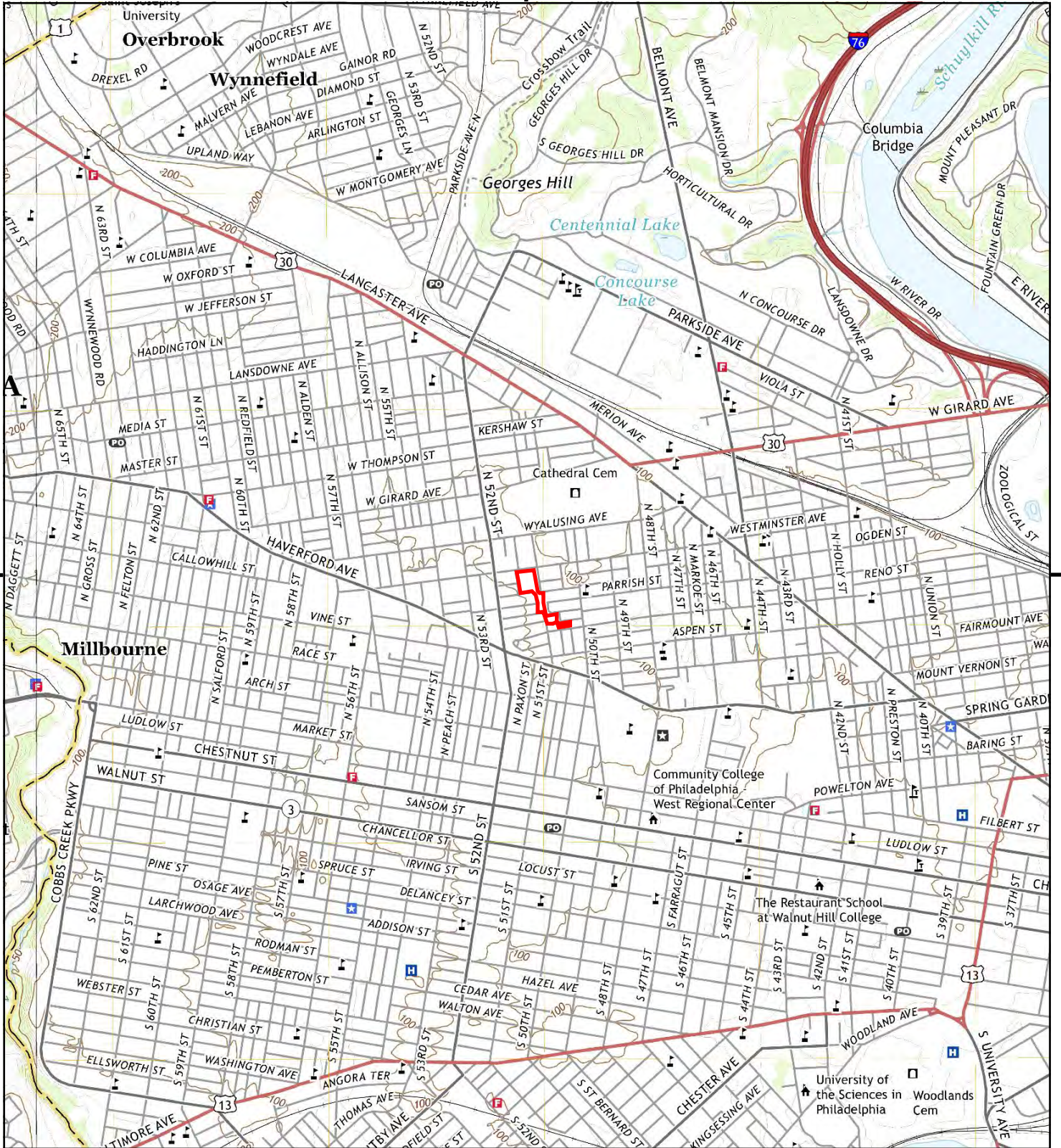
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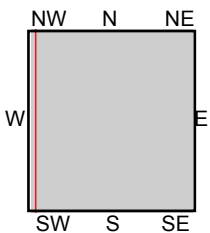
1891 Source Sheets



Philadelphia
1891
15-minute, 62500



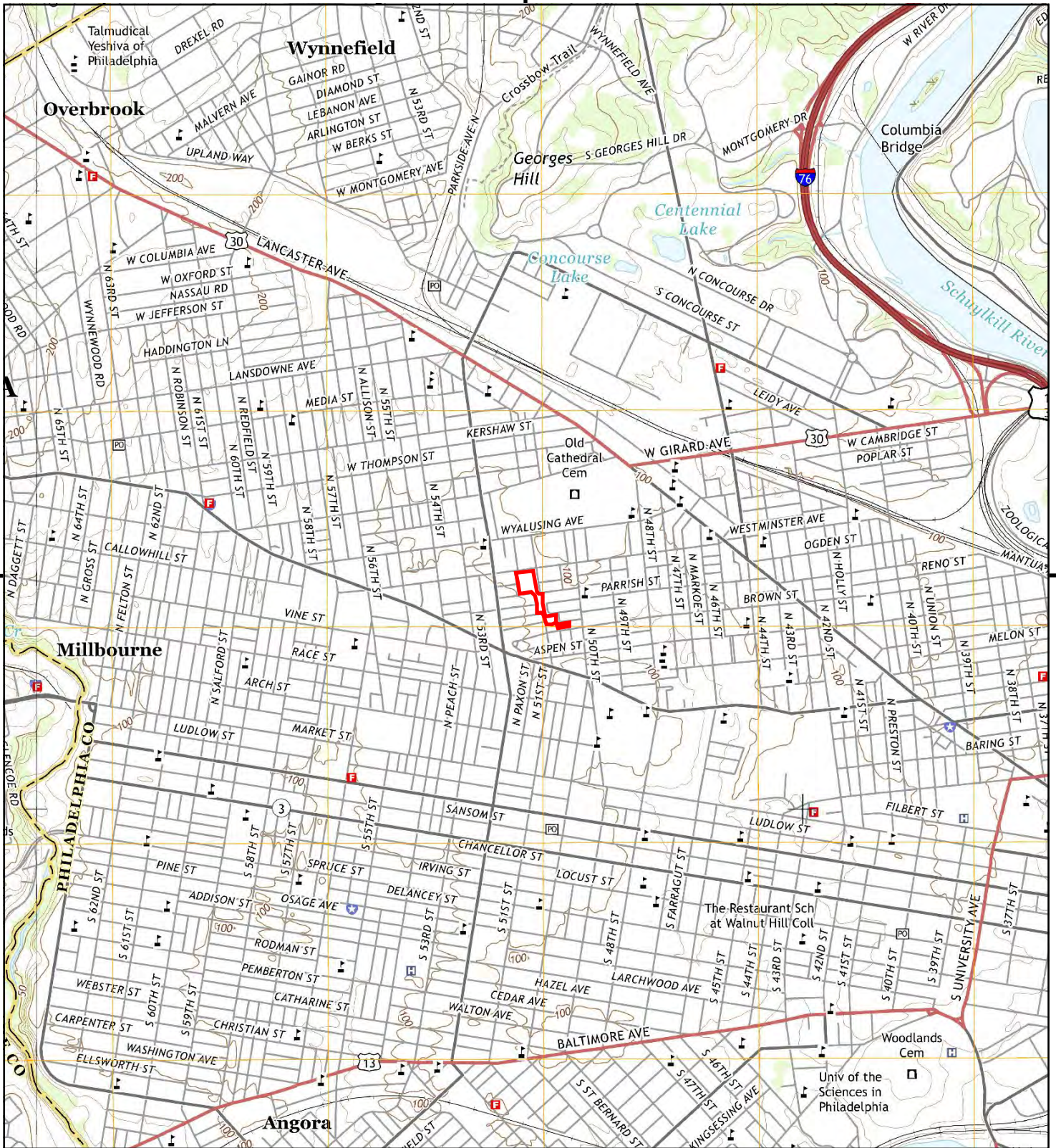
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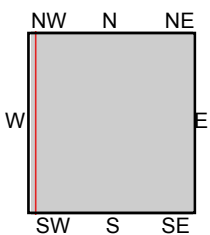
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SW, Lansdowne, 2019, 7.5-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminister Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





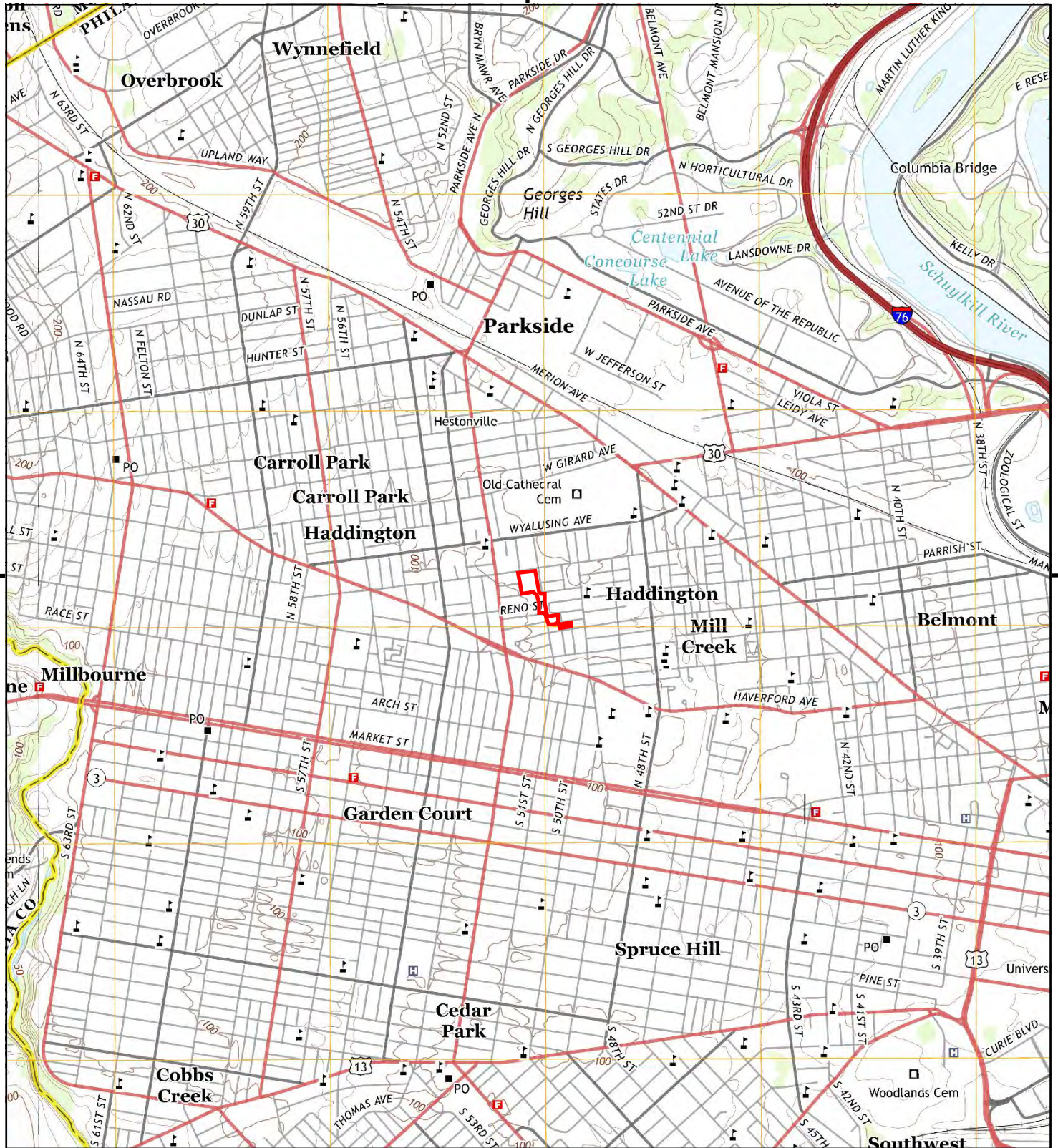
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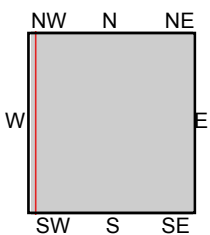
TP, Philadelphia, 2016, 7.5-minute
SW, Lansdowne, 2016, 7.5-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminster Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





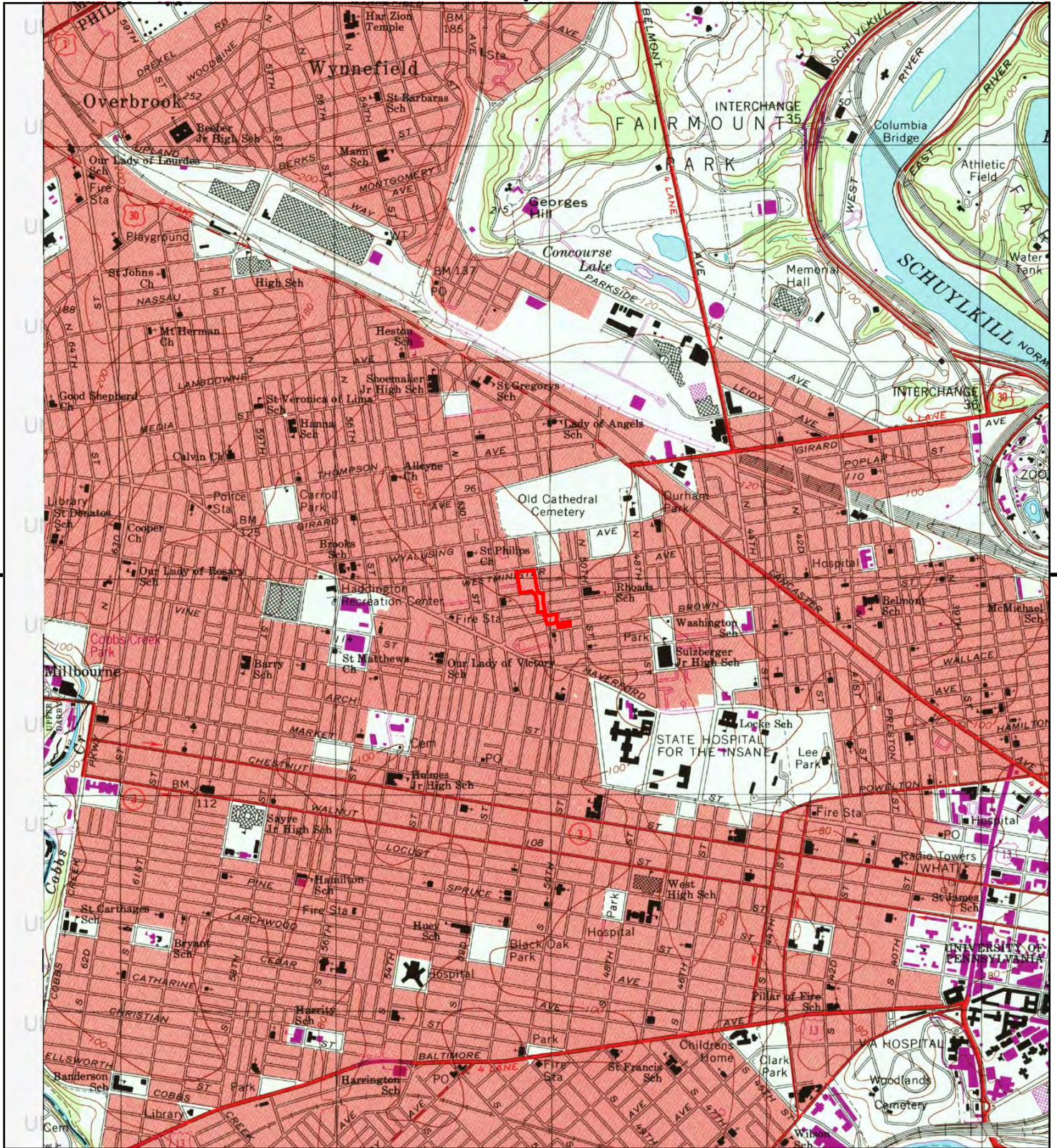
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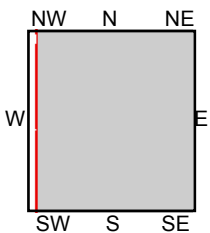
TP, Philadelphia, 2013, 7.5-minute
SW, Lansdowne, 2013, 7.5-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminister Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





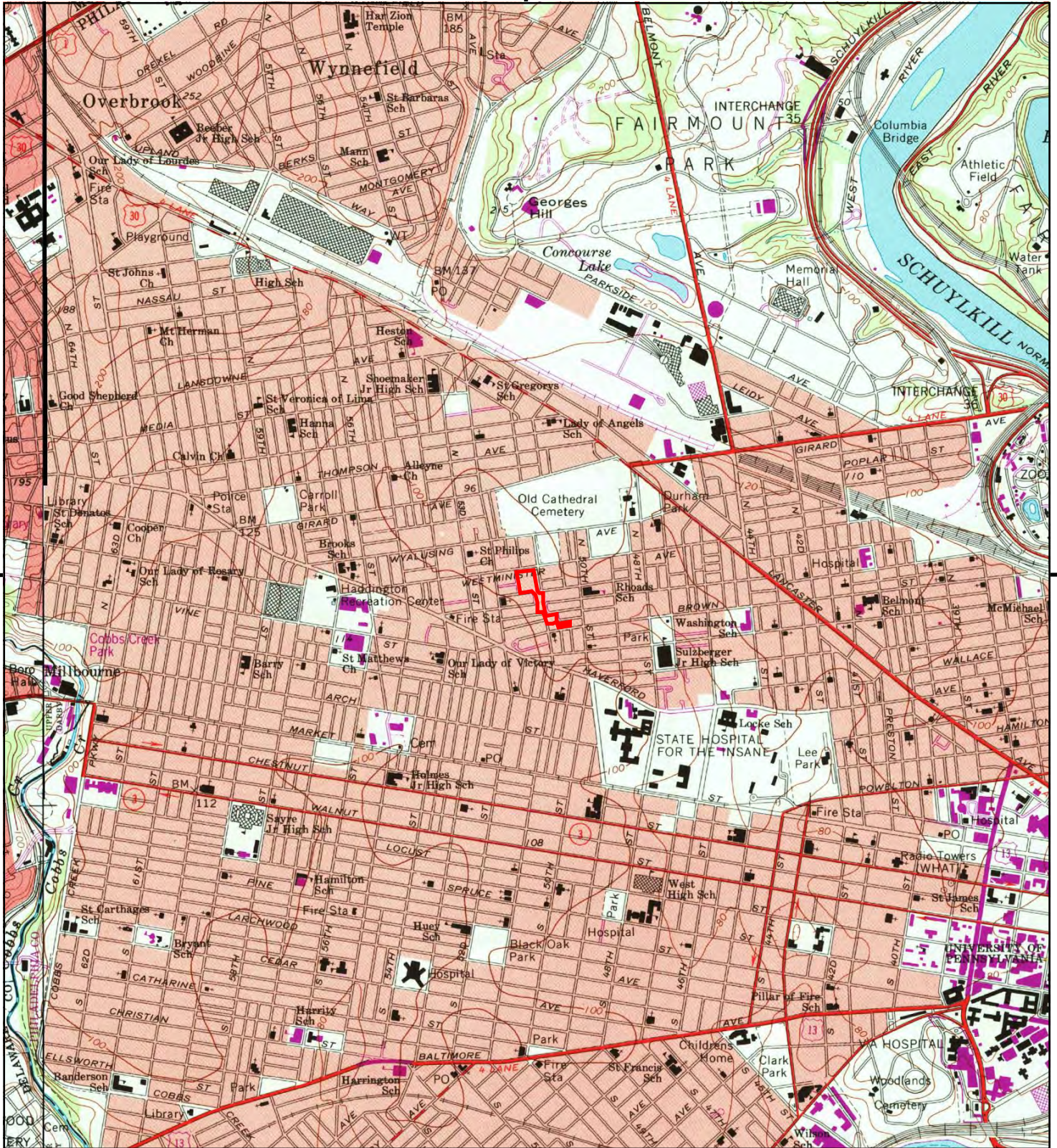
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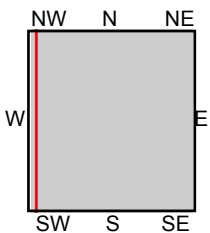
TP, Philadelphia, 1995, 7.5-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminister Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





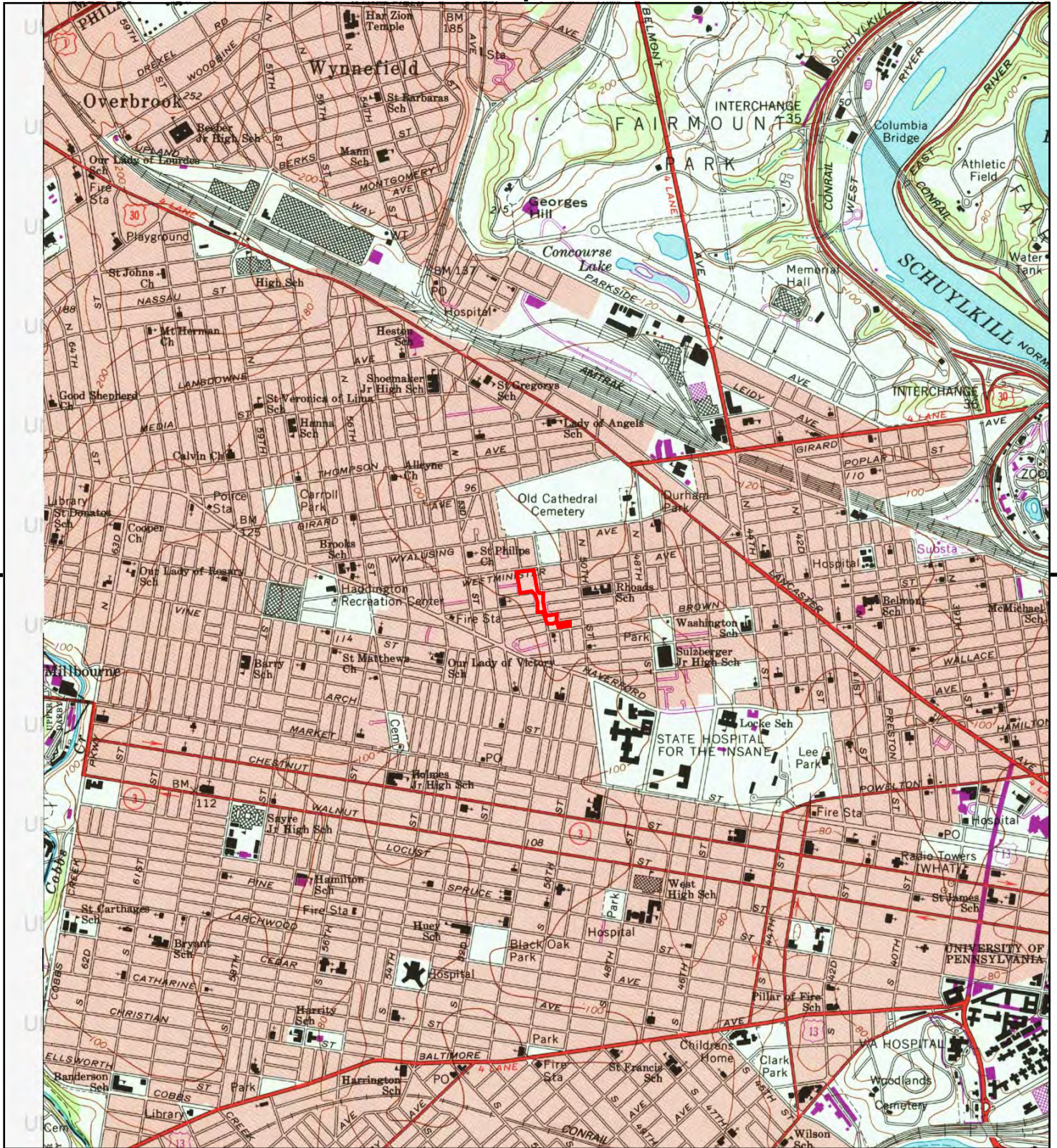
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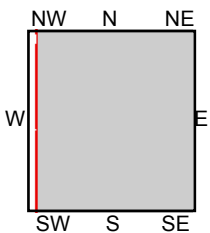
TP, Philadelphia, 1994, 7.5-minute
SW, Lansdowne, 1994, 7.5-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminister Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





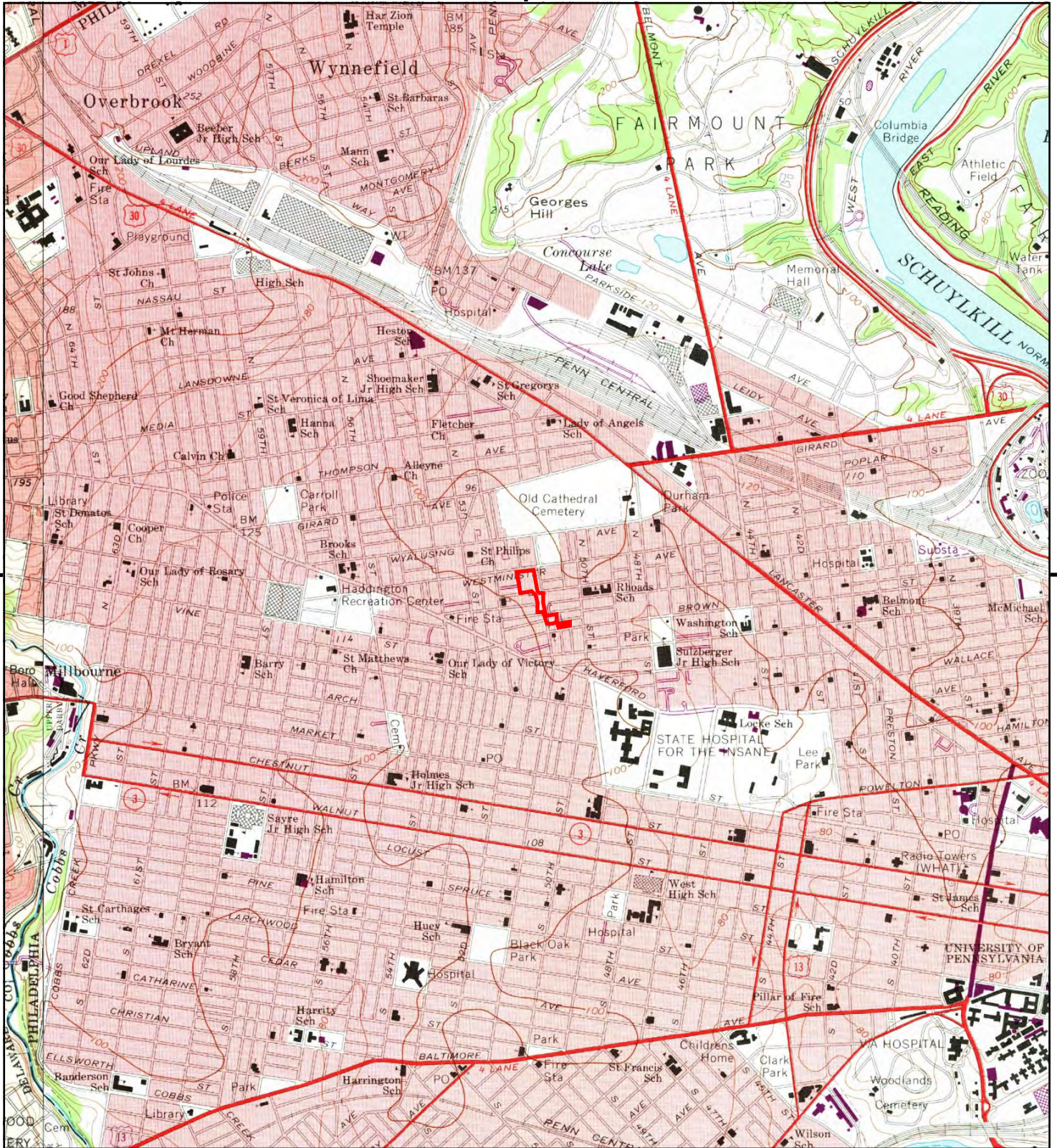
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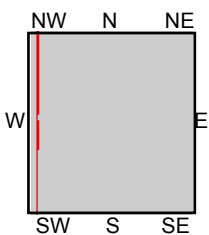
TP, Philadelphia, 1985, 7.5-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminister Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





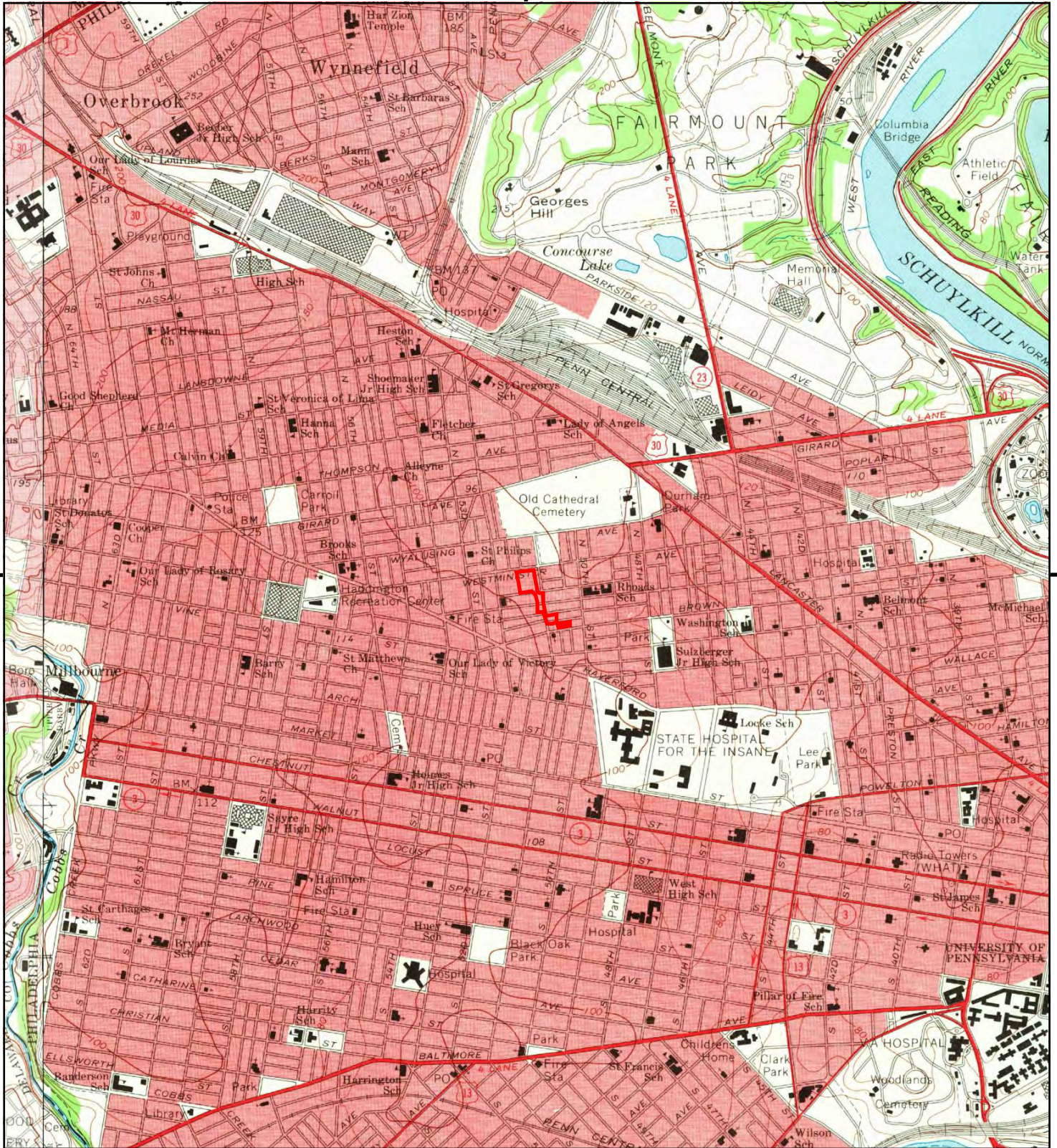
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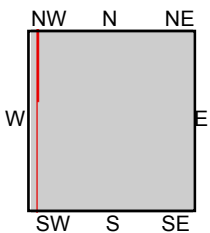
TP, Philadelphia, 1973, 7.5-minute
SW, Lansdowne, 1973, 7.5-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminister Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





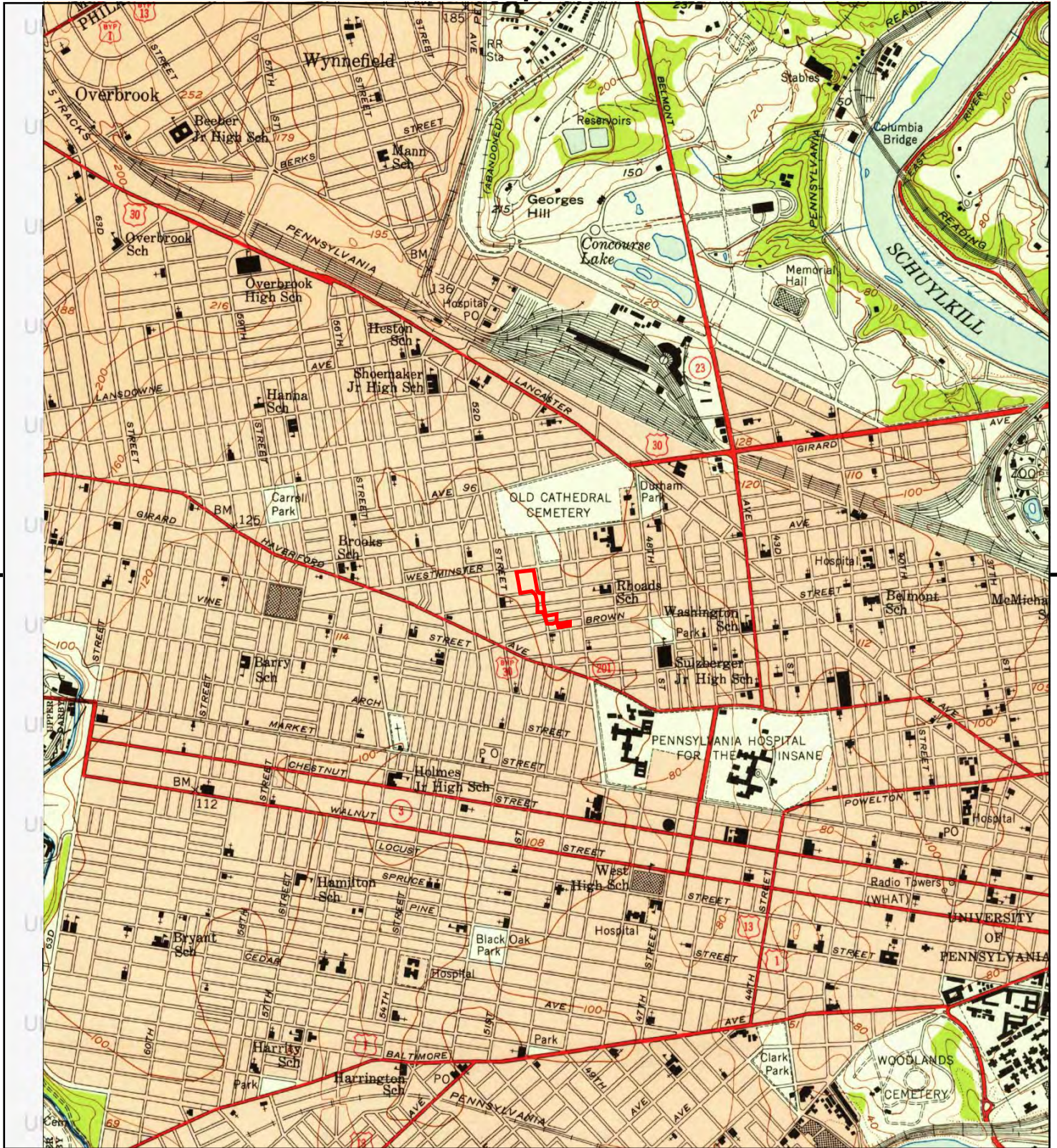
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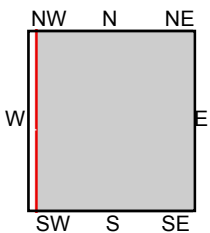
TP, Philadelphia, 1967, 7.5-minute
SW, Lansdowne, 1967, 7.5-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminster Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





This report includes information from the following map sheet(s).



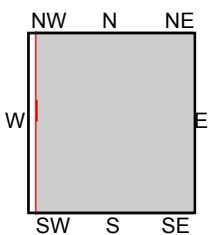
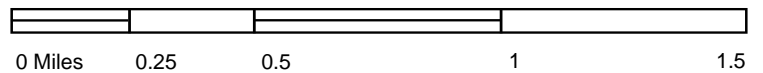
TP, Philadelphia, 1949, 7.5-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminister Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





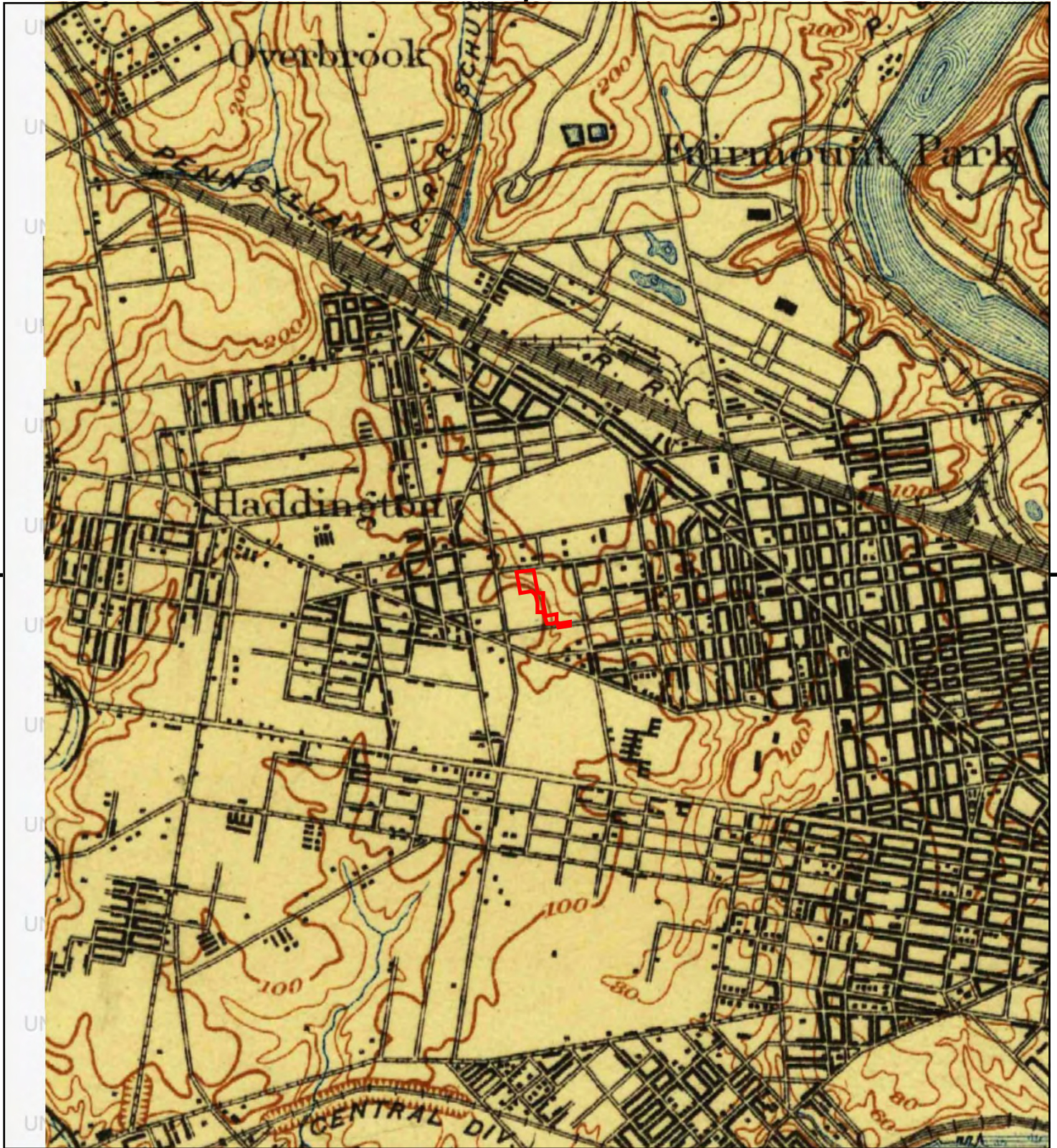
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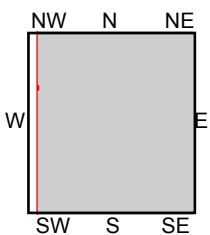
TP, PHILADELPHIA, 1943, 15-minute

SITE NAME: West Mill Creek Site
 ADDRESS: 5100 Westminster Ave
 Philadelphia, PA 19139
 CLIENT: Verdantas, LLC





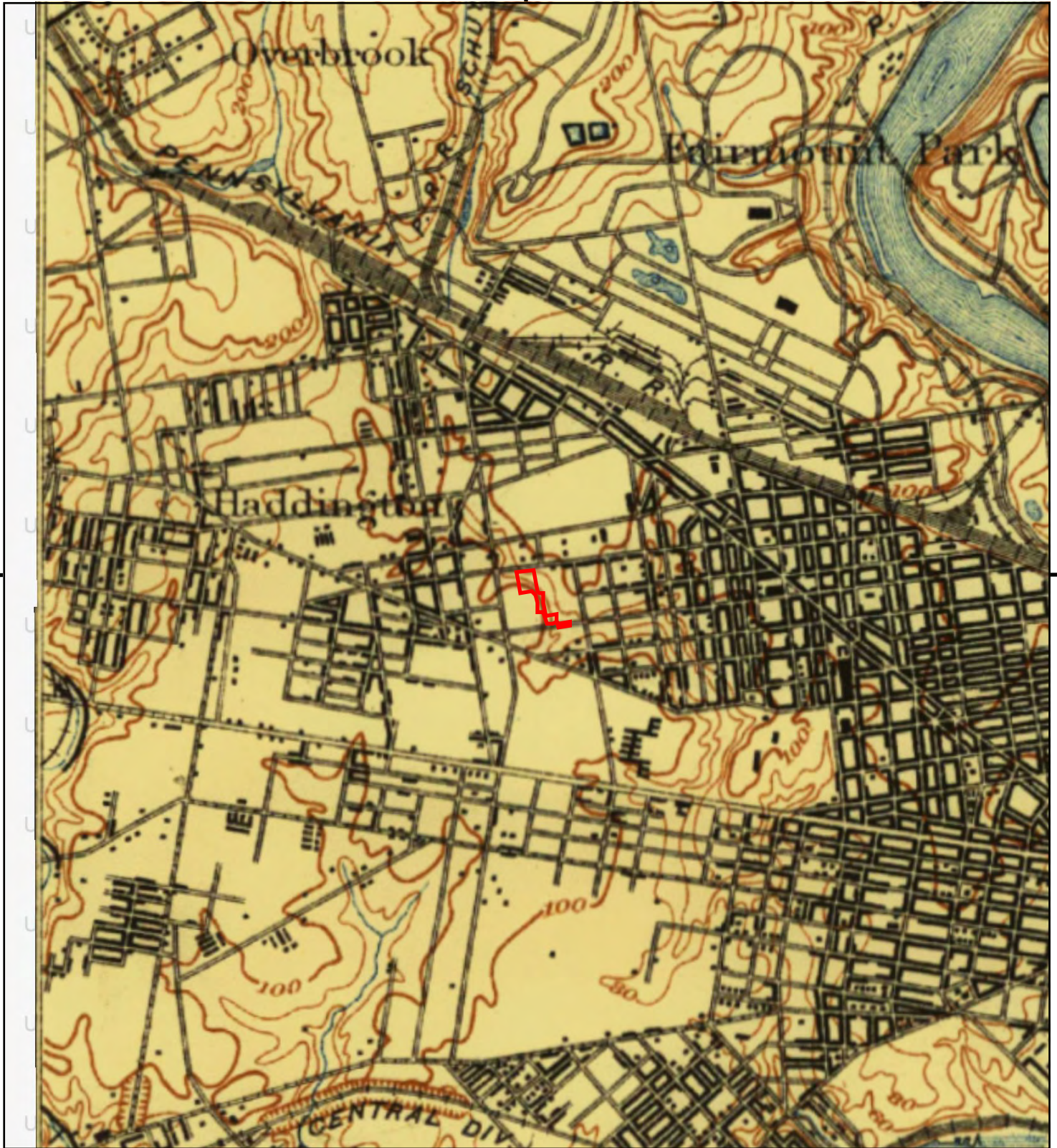
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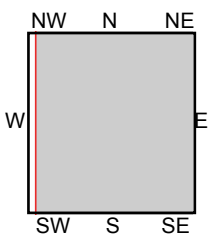
TP, Philadelphia, 1920, 15-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminster Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





This report includes information from the following map sheet(s).



TP, PHILADELPHIA, 1906, 15-minute

SITE NAME: West Mill Creek Site
 ADDRESS: 5100 Westminster Ave
 Philadelphia, PA 19139
 CLIENT: Verdantas, LLC





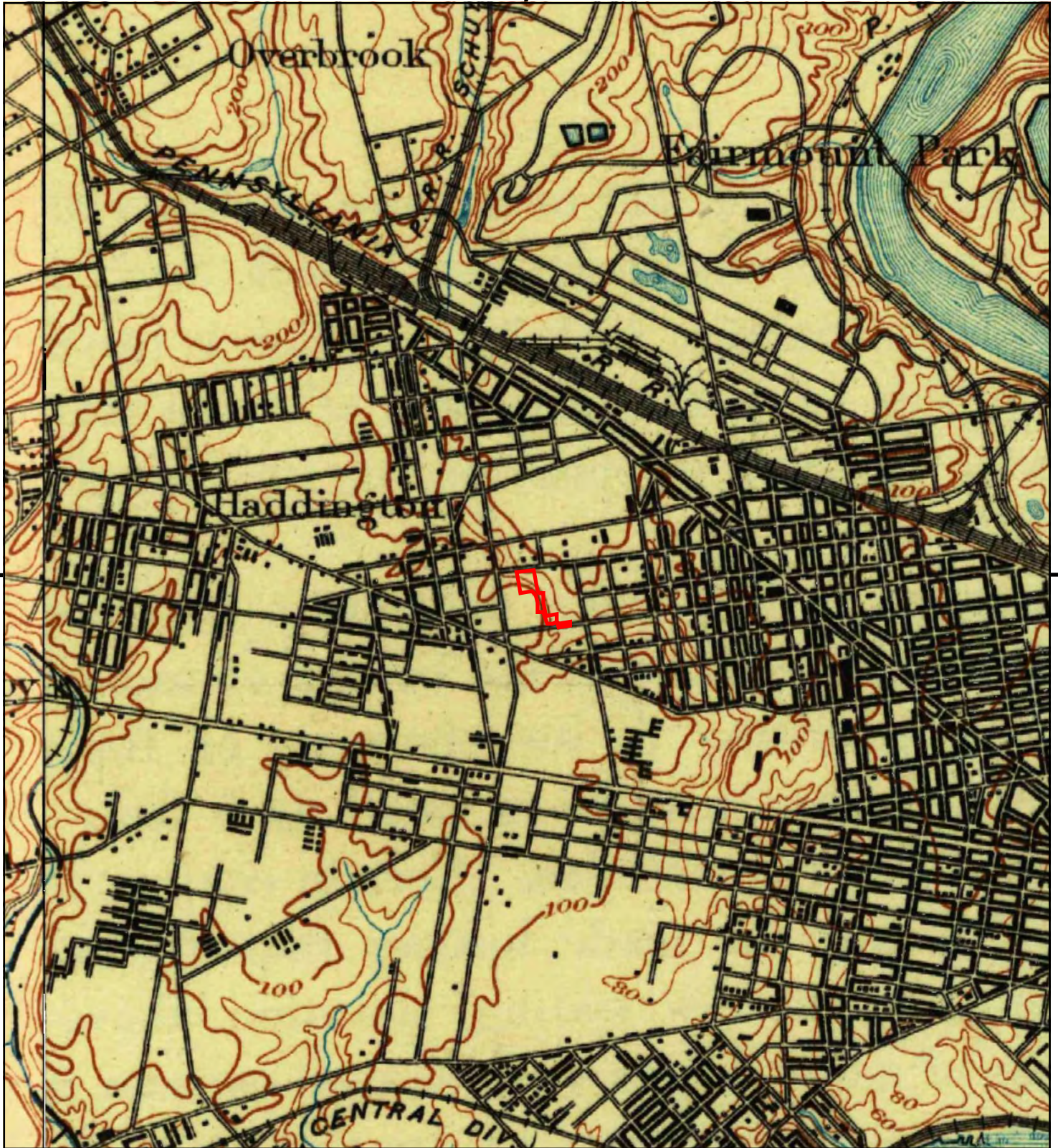
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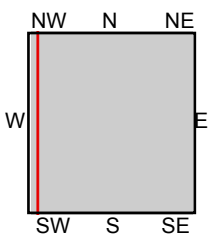
TP, Camden, 1901, 30-minute

SITE NAME: West Mill Creek Site
 ADDRESS: 5100 Westminister Ave
 Philadelphia, PA 19139
 CLIENT: Verdantas, LLC





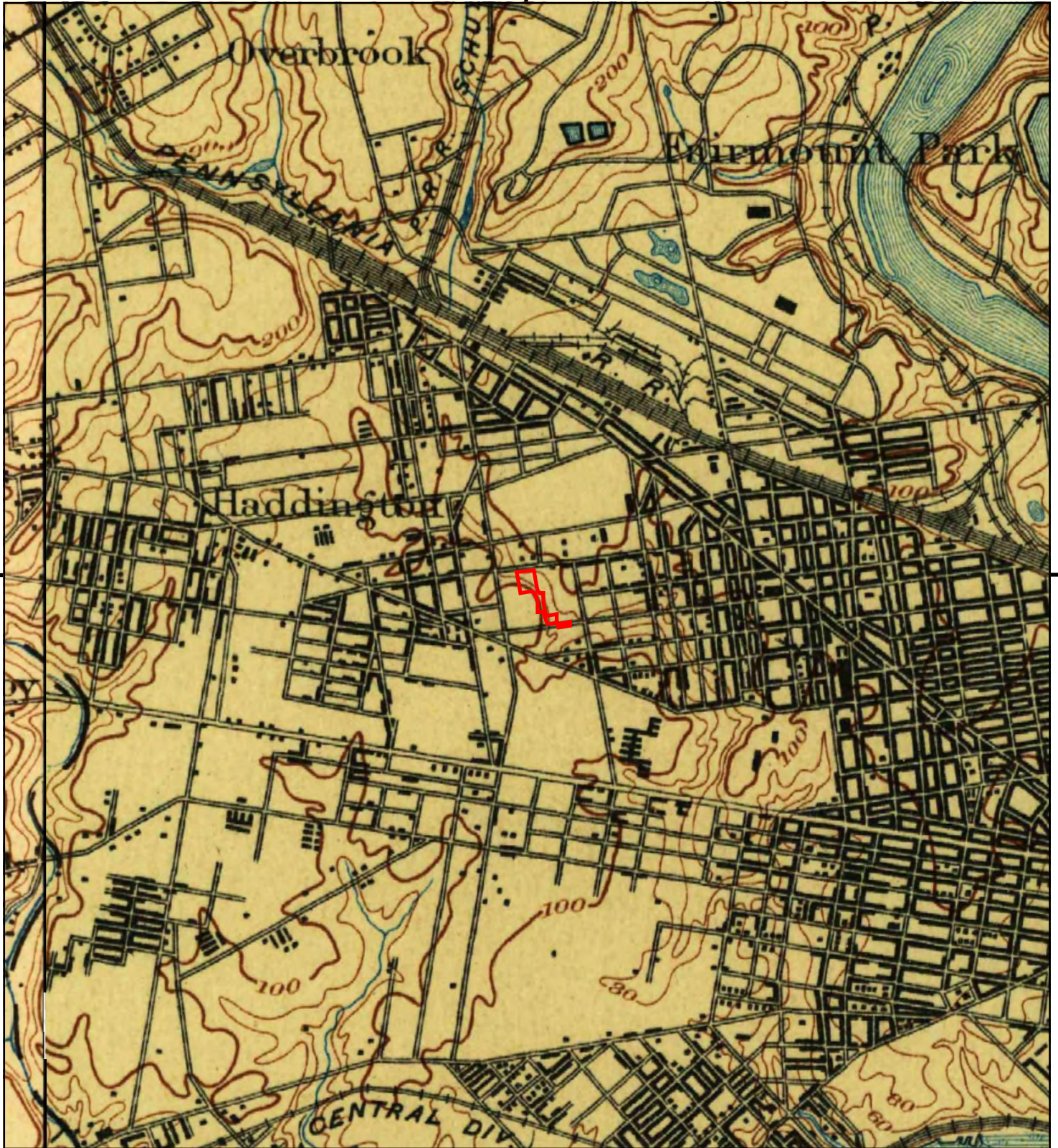
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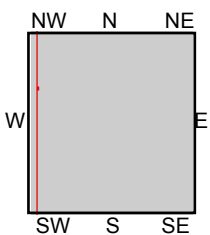
TP, Philadelphia, 1898, 15-minute
SW, Chester, 1898, 15-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminster Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





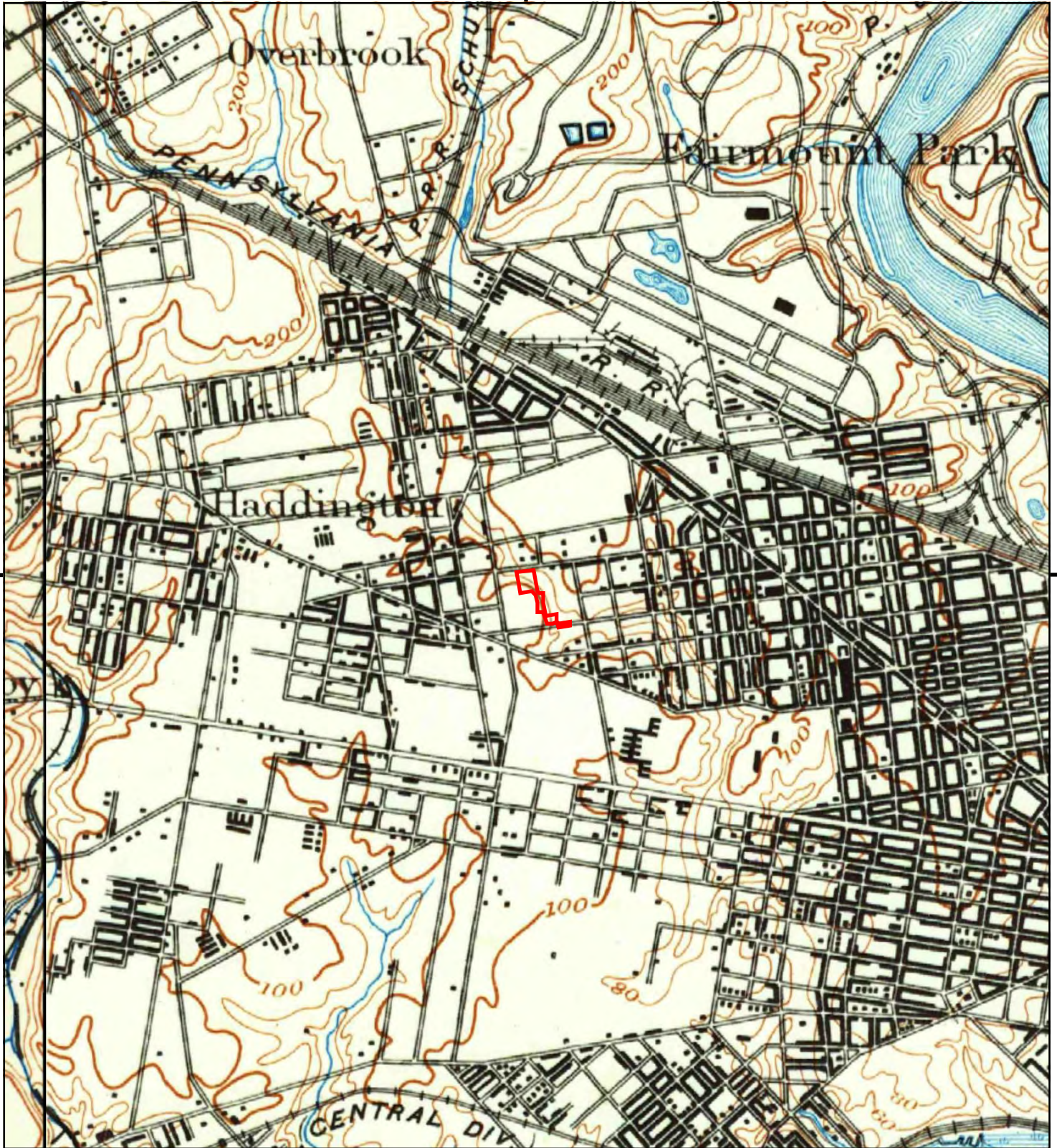
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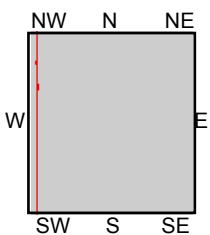
TP, Philadelphia, 1896, 15-minute
SW, Chester, 1896, 15-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminster Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





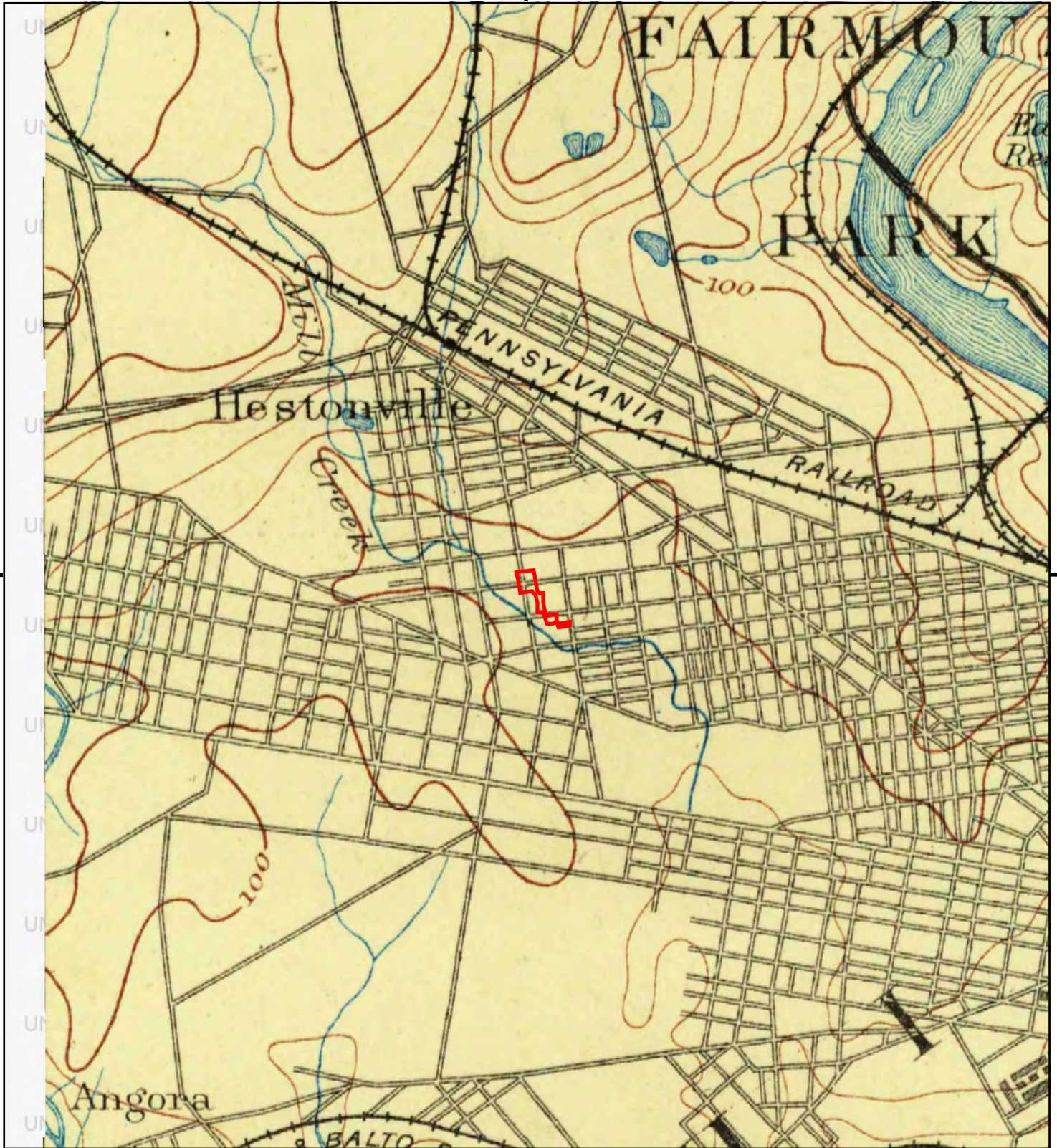
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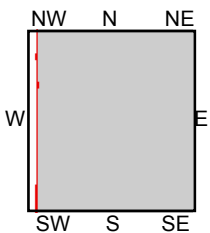
TP, Philadelphia, 1894, 15-minute
SW, Chester, 1894, 15-minute

SITE NAME: West Mill Creek Site
ADDRESS: 5100 Westminster Ave
Philadelphia, PA 19139
CLIENT: Verdantas, LLC





This report includes information from the following map sheet(s).



TP, Philadelphia, 1891, 15-minute

SITE NAME: West Mill Creek Site
 ADDRESS: 5100 Westminster Ave
 Philadelphia, PA 19139
 CLIENT: Verdantas, LLC



APPENDIX F

OIL AND GAS WELL MAP AND WELL COMPLETION LOGS

Oil and Gas Well Layers

Well Designation

Select at least one well designation from this list.

- ☒ Unconventional Wells
☒ Conventional Wells

Select Both

Clear Both

Well Type

Select at least one type from this list.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Gas | <input checked="" type="checkbox"/> Comb. Oil & Gas |
| <input checked="" type="checkbox"/> Oil | <input checked="" type="checkbox"/> Coalbed Methane |
| <input checked="" type="checkbox"/> Injection | <input checked="" type="checkbox"/> Dry Hole |
| <input checked="" type="checkbox"/> Test | <input checked="" type="checkbox"/> Multiple Wellbore |
| <input checked="" type="checkbox"/> Undetermined | <input checked="" type="checkbox"/> Waste Disposal |
| <input checked="" type="checkbox"/> Observation | <input checked="" type="checkbox"/> Storage Well |

Select All Types

Clear All Types

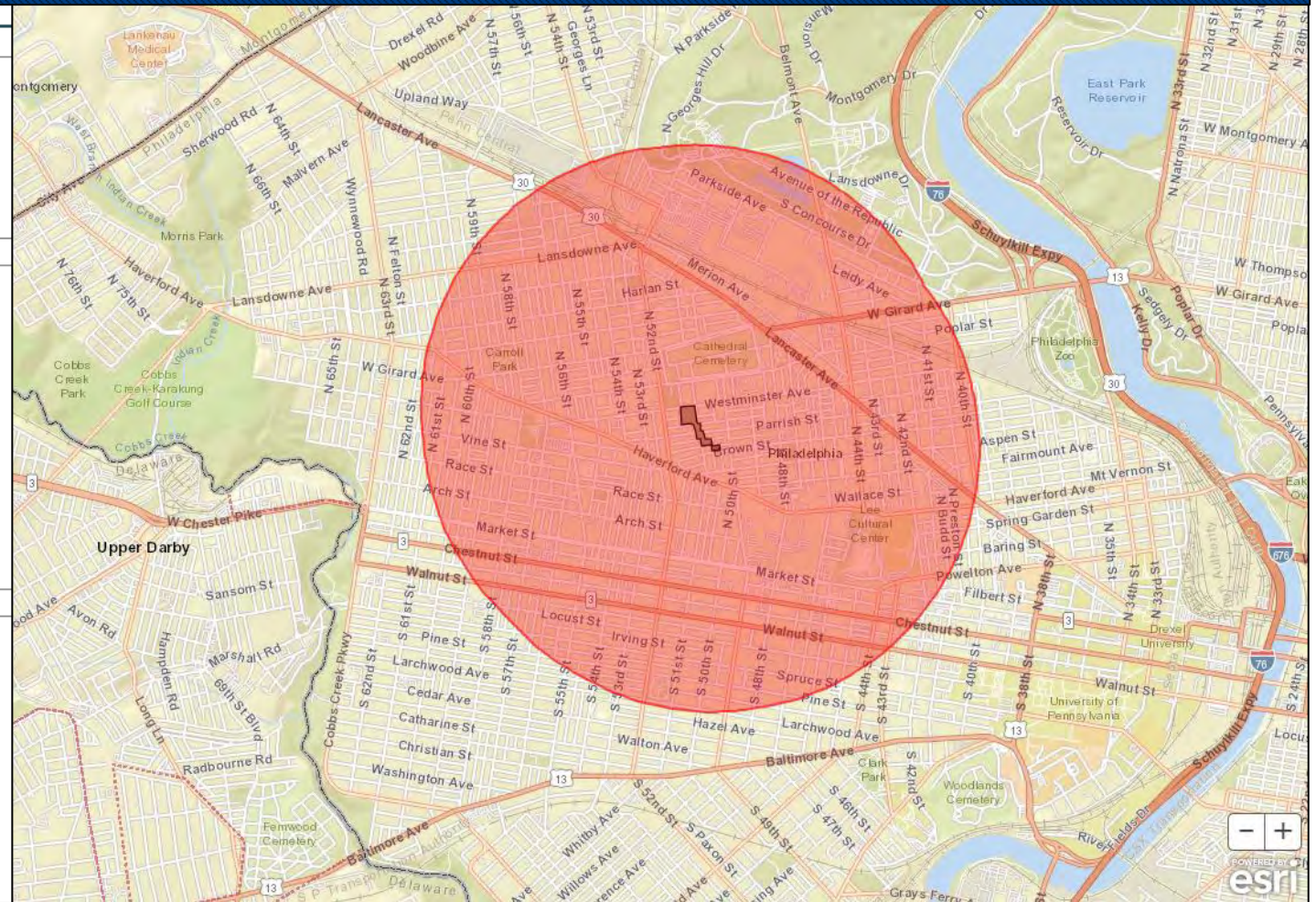
Well Status

Select at least one status from this list.

- | | |
|---|---|
| <input checked="" type="checkbox"/> Active | <input checked="" type="checkbox"/> DEP Orphan |
| <input checked="" type="checkbox"/> Plugged | <input checked="" type="checkbox"/> DEP Plugged |
| <input checked="" type="checkbox"/> Abandoned | <input checked="" type="checkbox"/> DEP Abandoned |
| <input checked="" type="checkbox"/> Regulatory Inactive | |

Select All Status

Clear All Status



APPENDIX G

WATER WELL MAP AND WELL COMPLETION LOGS



This map displays a 120-foot buffer zone around the University of Pennsylvania campus in Center City Philadelphia. The buffer is represented by a pink circular area. The map shows a grid of streets, including N 1st St through N 42nd St and W 1st St through W 10th St. Key landmarks such as Cathedral Cemetery, West Mill Creek Playground, and the Lee Cultural Center are labeled. Blue dots are scattered throughout the map, with a higher concentration within the pink buffer zone. A scale bar indicates 120 feet.

- PAGWIS Wells

Esri, NASA, NGA, USGS, FEMA, Sources: Esri, USGS, Esri Community Maps Contributors, data.pa.gov, New Jersey Office of GIS, Esri, HERE,

PA Well ID	Well Record	Original Owner	Activity Date	Latitude (DD)	Longitude (DD)	Mapped	Driller	Driller Well ID	Activity Type	Drilling Method	Finish Method	Casing Top (ft)	Casing Bottom (ft)	Casing Diameter (in)	Casing Material	Sealant Name	Hole Top (ft)	Hole Bottom (ft)	Hole Diameter (in)	Packer Sealant
30496	https://www.pagwisdriller.dcnr.pa.gov/PAGEOD/PAGeodSearch/WellInformation/30496	NATHAN SCHWARTZ & SO	1/1/1950	39.97	-75.228056	Yes	PHILADELPHIA DRILLING CO.	PH 525		CABLE TOOL	OPEN HOLE	0		8	UNKNOWN		0	0	8	FALSE
30023	https://www.pagwisdriller.dcnr.pa.gov/PAGEOD/PAGeodSearch/WellInformation/30023	HANSCOM BROS INC	12/1/1952	39.960278	-75.224444	Yes	RIDPATH AND POTTER COMPANY	PH 523		CABLE TOOL	OPEN HOLE	0	53	8	UNKNOWN		0	600	8	FALSE
136114	https://www.pagwisdriller.dcnr.pa.gov/PAGEOD/PAGeodSearch/WellInformation/136114	AMOCO	9/10/1986	39.973611	-75.218889	Yes	HANDEX CONSULTING & REMEDIATION, LLC	0058N	New Well		SCREEN	0	7	4		UNKNOWN				FALSE
30071	https://www.pagwisdriller.dcnr.pa.gov/PAGEOD/PAGeodSearch/WellInformation/30071	E W WOOLMAN DAIRY	1/1/1903	39.972222	-75.217222	Yes	THOMAS B HARPER	PH 517		CABLE TOOL	OPEN HOLE	0	20	6	UNKNOWN		0	242	6	FALSE
136113	https://www.pagwisdriller.dcnr.pa.gov/PAGEOD/PAGeodSearch/WellInformation/136113	AMOCO	9/10/1986	39.973333	-75.218333	Yes	HANDEX CONSULTING & REMEDIATION, LLC	0057N	New Well		SCREEN	0	6	4		UNKNOWN				FALSE
136111	https://www.pagwisdriller.dcnr.pa.gov/PAGEOD/PAGeodSearch/WellInformation/136111	AMOCO	9/10/1986	39.972778	-75.218333	Yes	HANDEX CONSULTING & REMEDIATION, LLC	0055N	New Well		OPEN HOLE	0	7	4		UNKNOWN				FALSE
136112	https://www.pagwisdriller.dcnr.pa.gov/PAGEOD/PAGeodSearch/WellInformation/136112	AMOCO	9/10/1986	39.973056	-75.2175	Yes	HANDEX CONSULTING & REMEDIATION, LLC	0056N	New Well		SCREEN	0	3.5	4		UNKNOWN				FALSE
30068	https://www.pagwisdriller.dcnr.pa.gov/PAGEOD/PAGeodSearch/WellInformation/30068	NATHAN SCHWARTZ & SO	1/1/1950	39.97	-75.227778	Yes	PHILADELPHIA DRILLING CO.	PH 524		CABLE TOOL	OPEN HOLE	0		8	UNKNOWN		0	480	8	FALSE

APPENDIX H

ENVIRONMENTAL DATABASE REPORT