



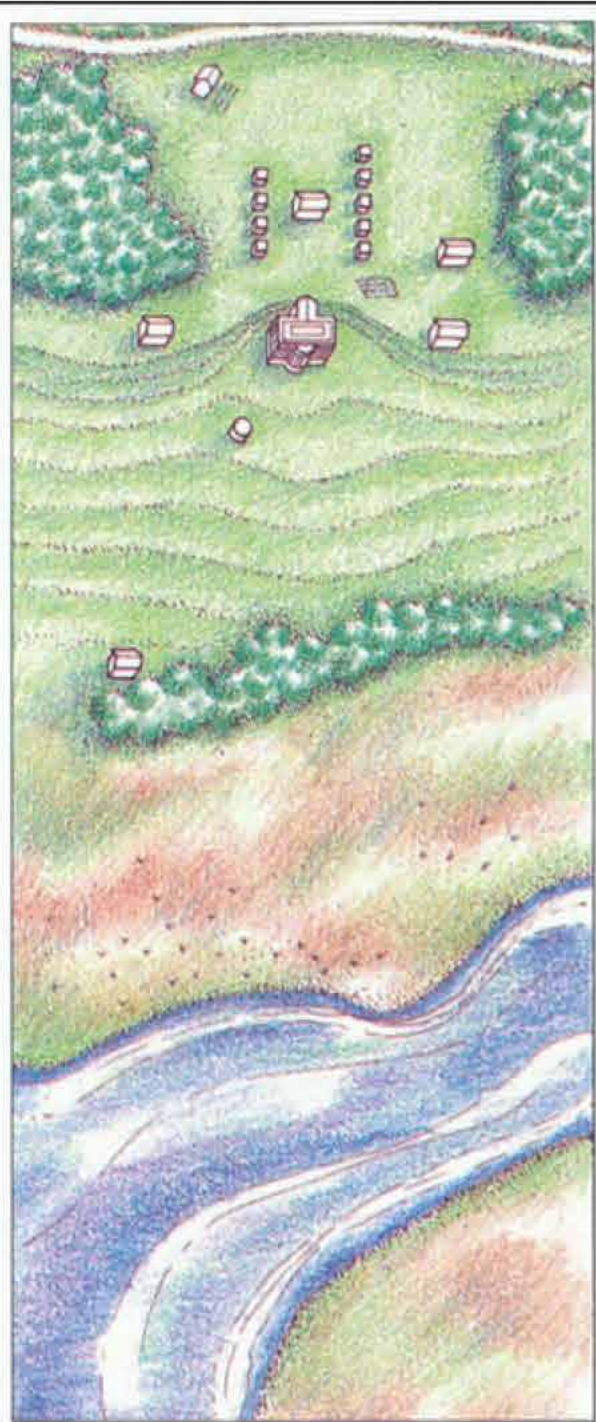
Presentation to the Commission of Fine Arts:
White House Complex Fence Phase 1 | April 21, 2016

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Mills + Schnoering Architects, LLC
Architecture + Historic Preservation

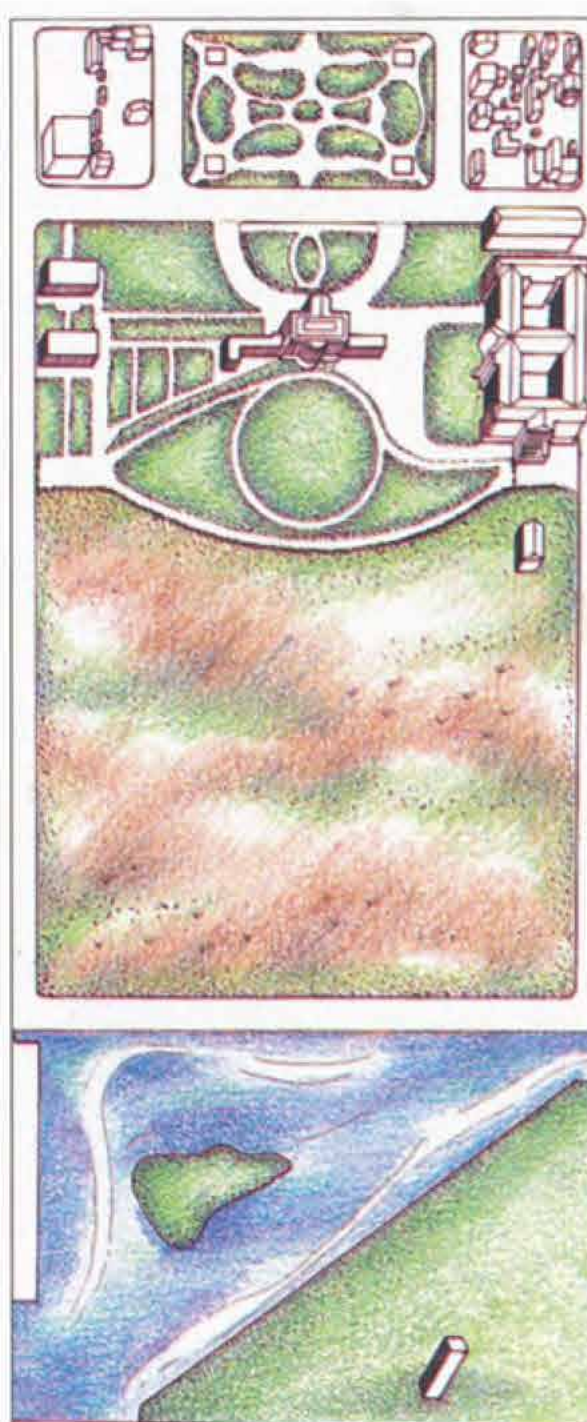
Design a new perimeter fence that:

- Meets the security requirements of the US Secret Service
- Supports the aesthetic and historic preservation goals of the National Park Service
- Maintains the quality of the visitor experience

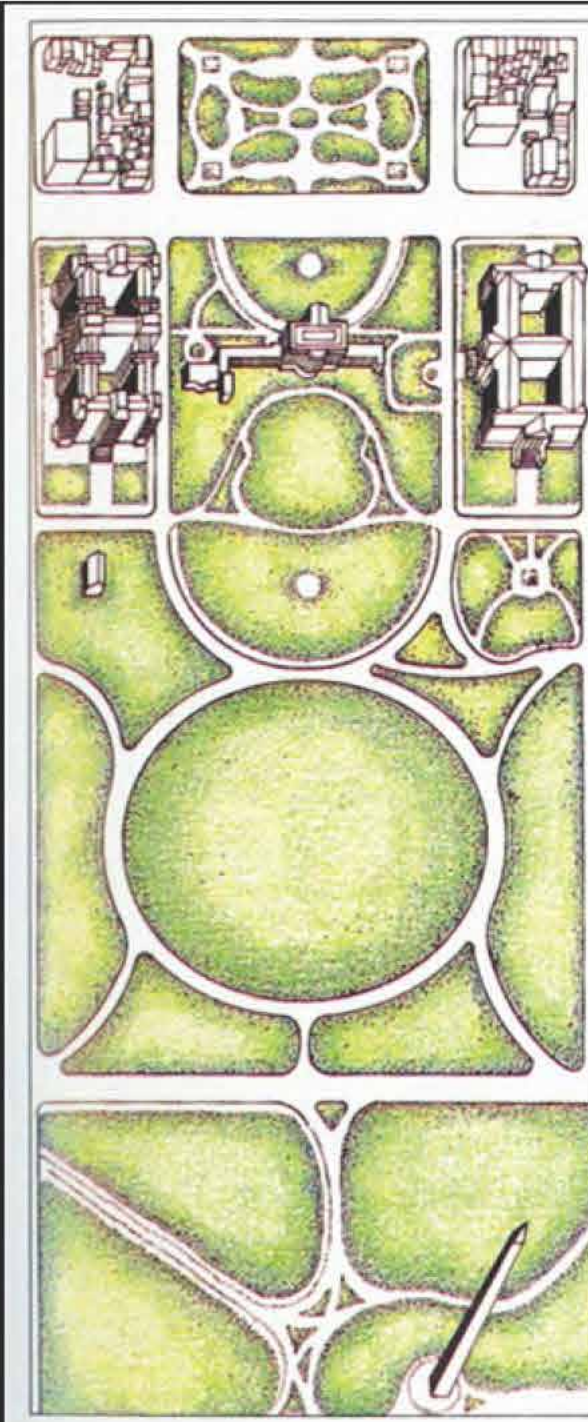




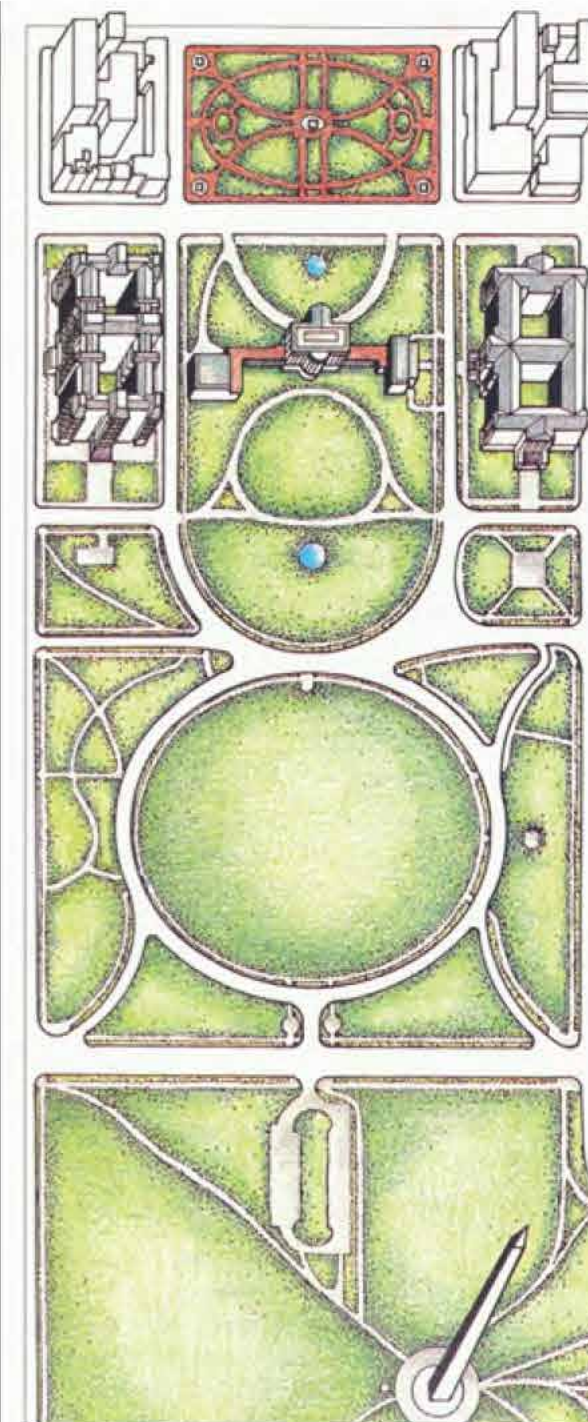
1800



1860



1900



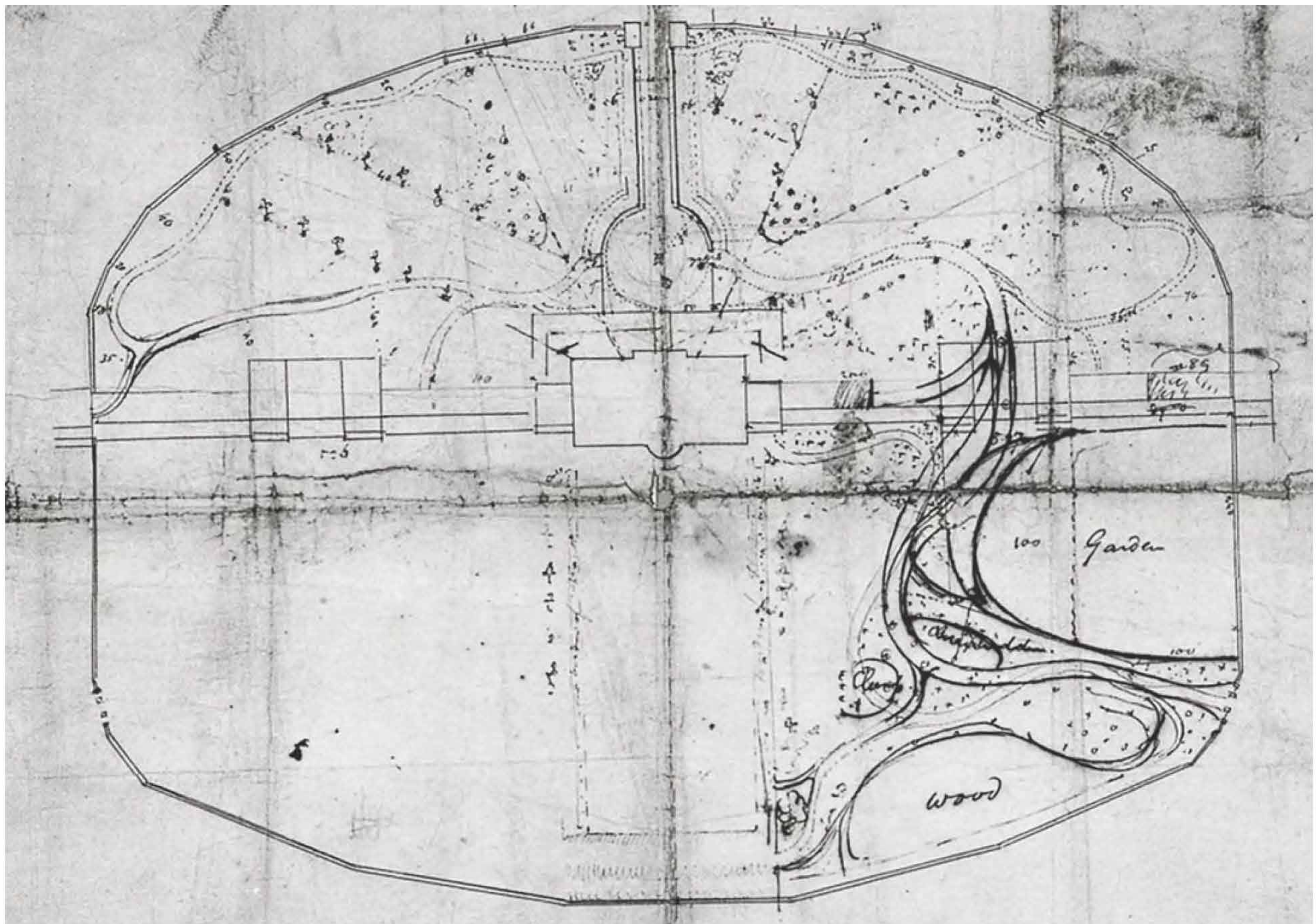
1990

From William Seale, *The White House Garden*, 1996



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Historical Development, 1800-1990



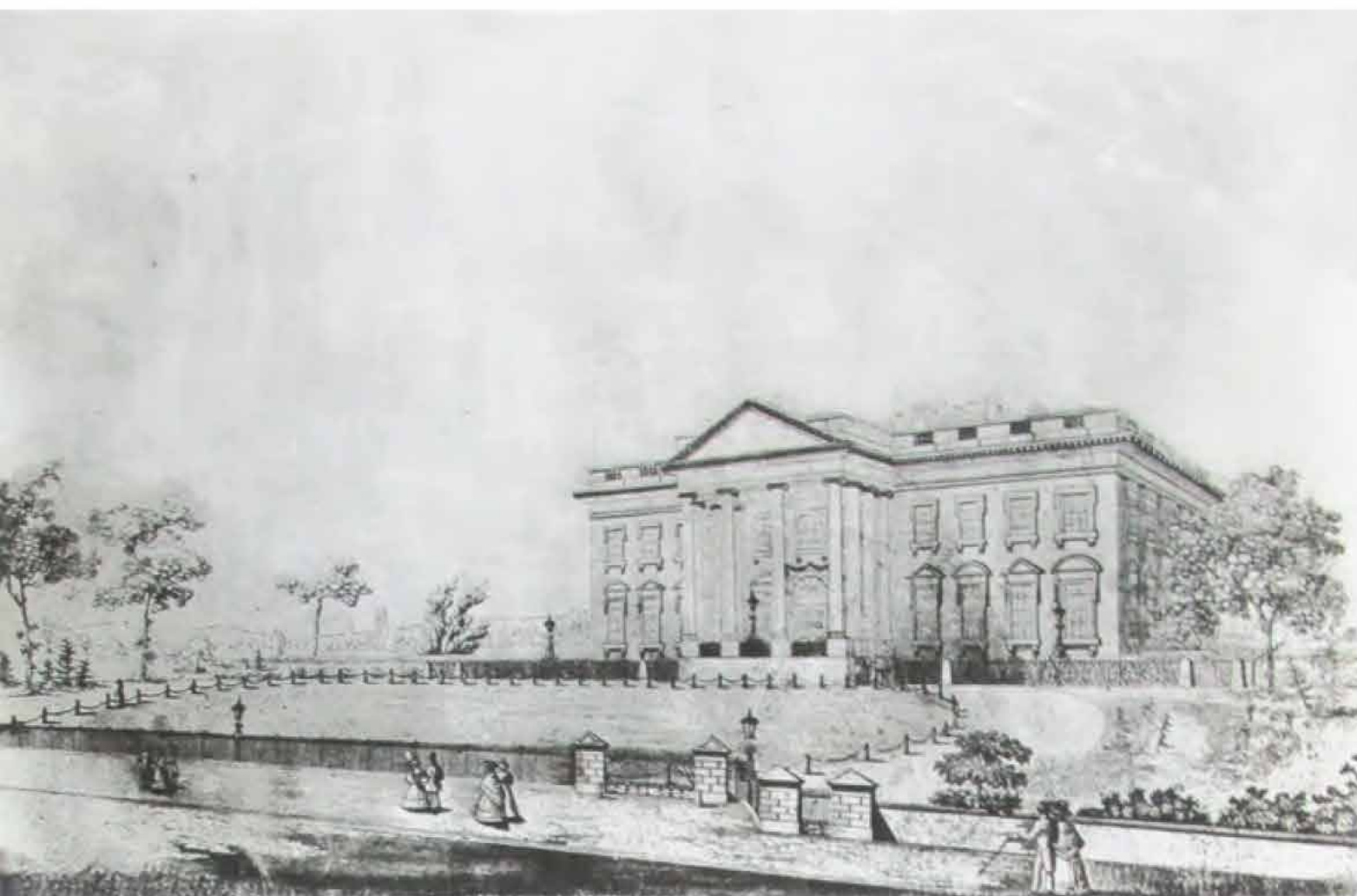
Sketch attributed to Thomas Jefferson, c. 1803

New-York Historical Society



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White House Wall, ca. 1807-1817



Sketch, 1833

- Stone wall with iron fence & gates

Library of Congress



Photo, ca. 1861

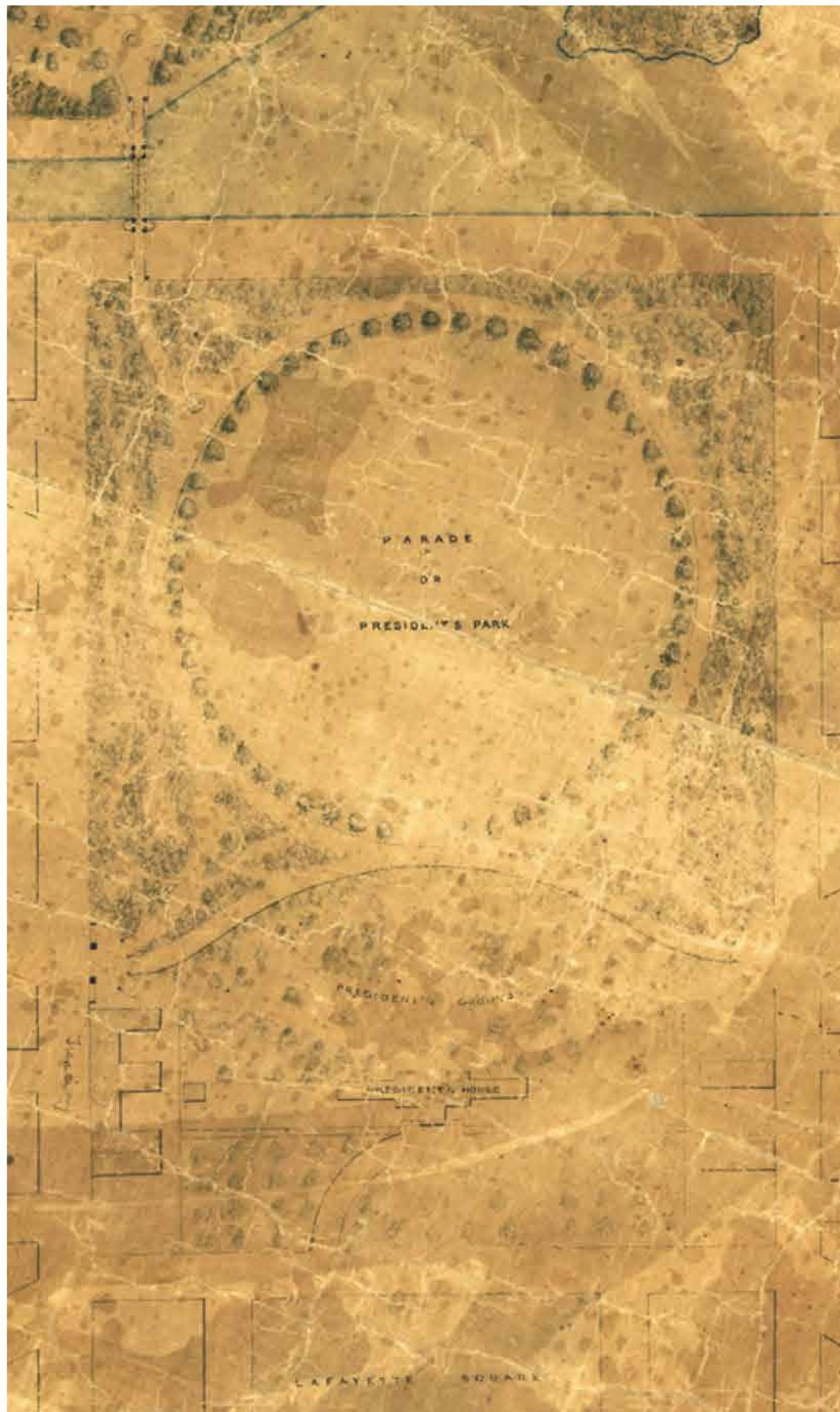
- Remaining section of Jefferson's wall, 1861

National Archives



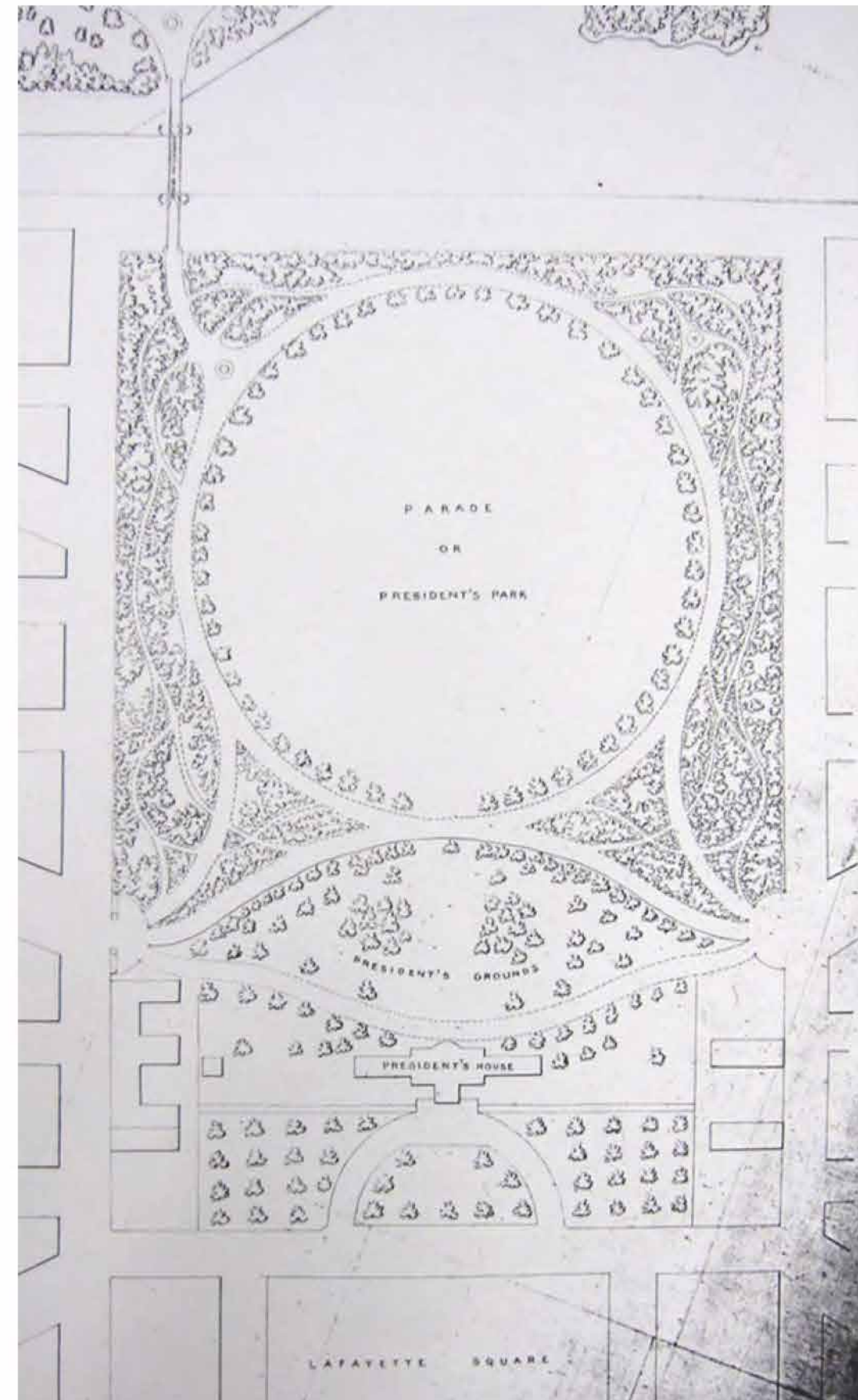
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White House Wall & Fence
1818-1870



Original Drawing

Library of Congress



Engraving

National Archives



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Downing Plan
President's Park, 1851



Photo ca. 1900
East Executive Avenue - iron fence & gates

Library of Congress



Photo ca. 1915
Fence attains current form between 1900 & 1920



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Iron Fence & Gates
ca. 1900-1920



Library of Congress



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From the Washington Monument
1902



Heritage Landscapes



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From the Washington Monument
2015



Royal Palace | Madrid
(Est. 36" base, 12' fence)



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Fence Examples



Palais de Nation | Brussels
(Est. 24" base, 11' fence)



Buckingham Palace | London
(Est. 18" base, 10' fence)



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Fence Examples



Buckingham Palace | London

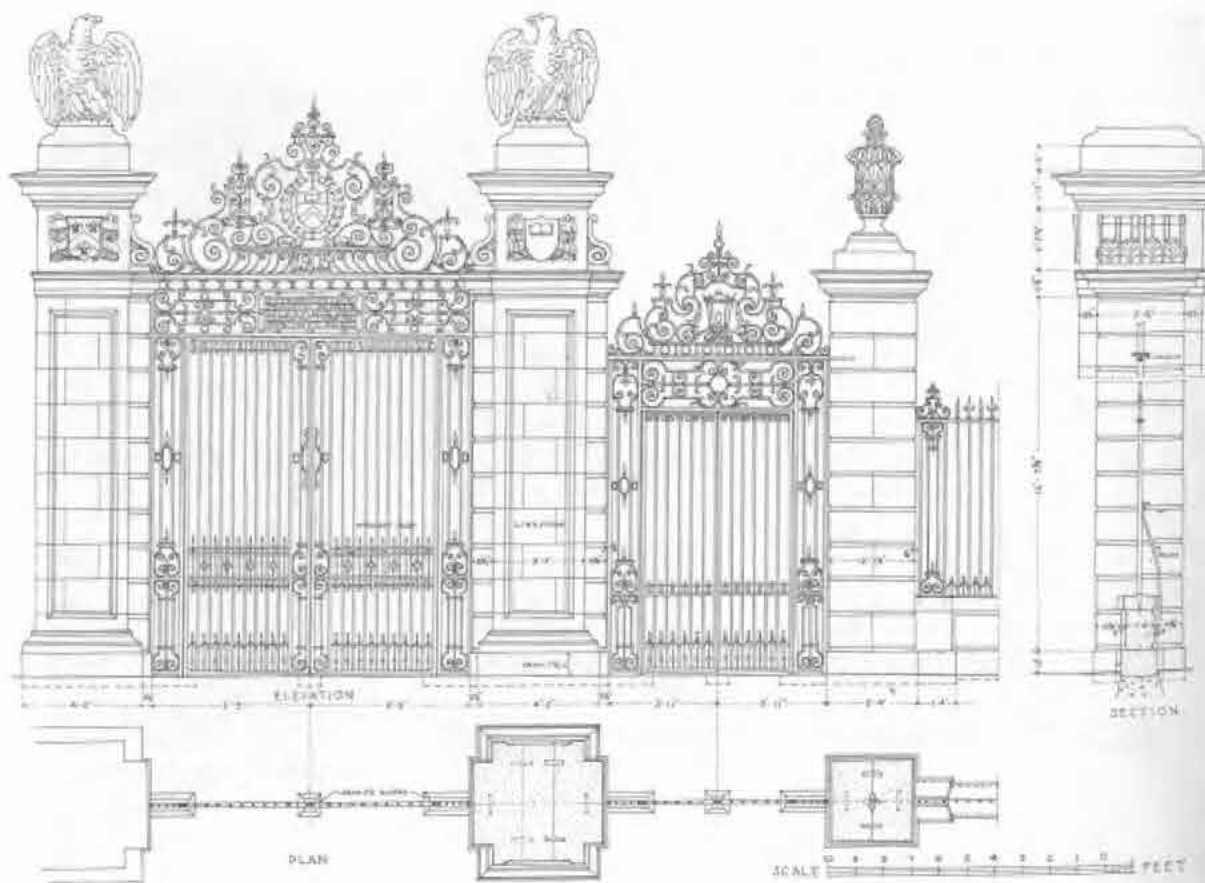


Princeton University | Princeton, NJ



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Gate Examples



Princeton University | Princeton, NJ
FitzRandolph Gate

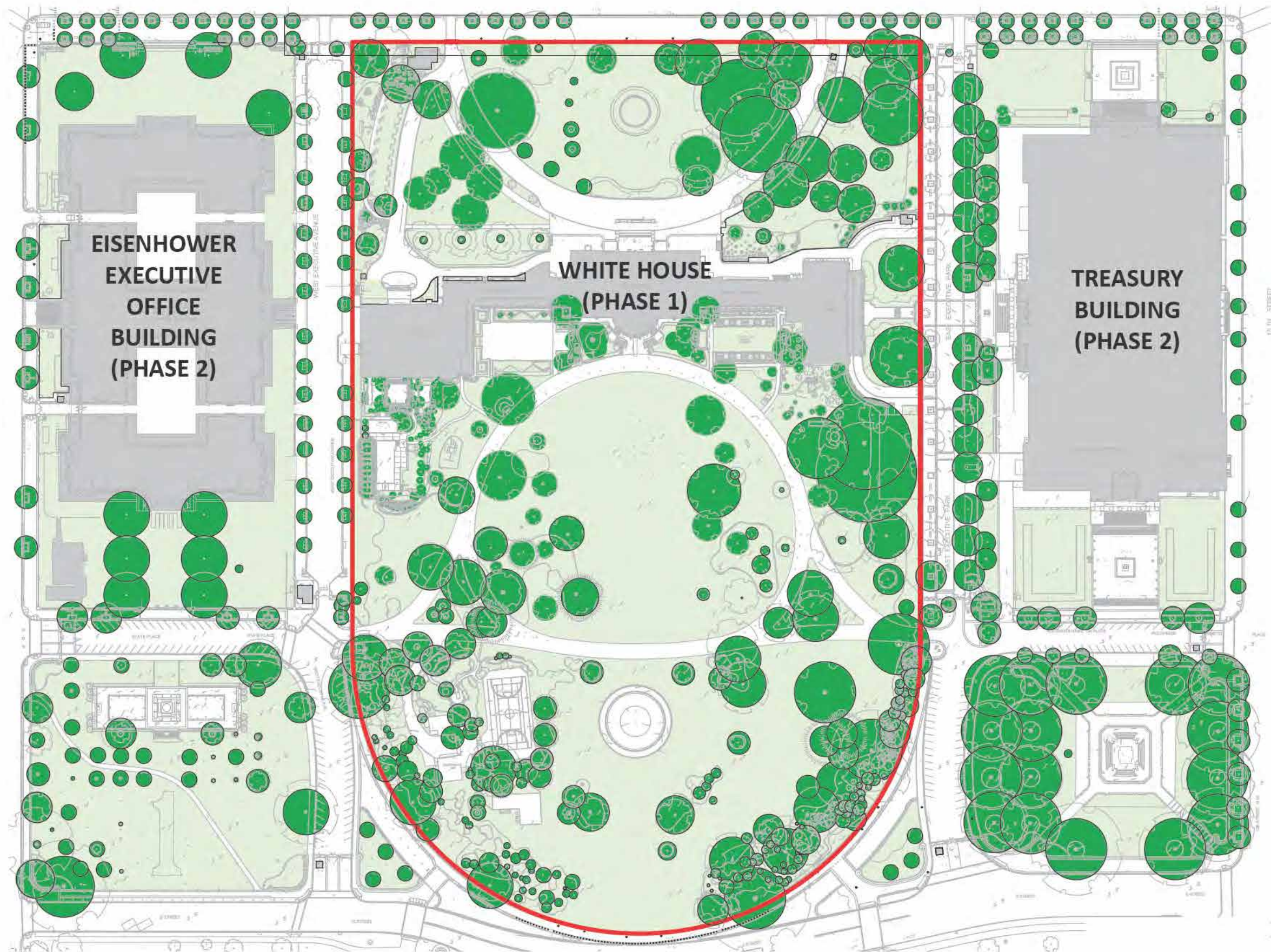


Princeton University | Princeton, NJ
Nassau Hall
 (Est. 42" base, 11' fence)



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Gate Examples

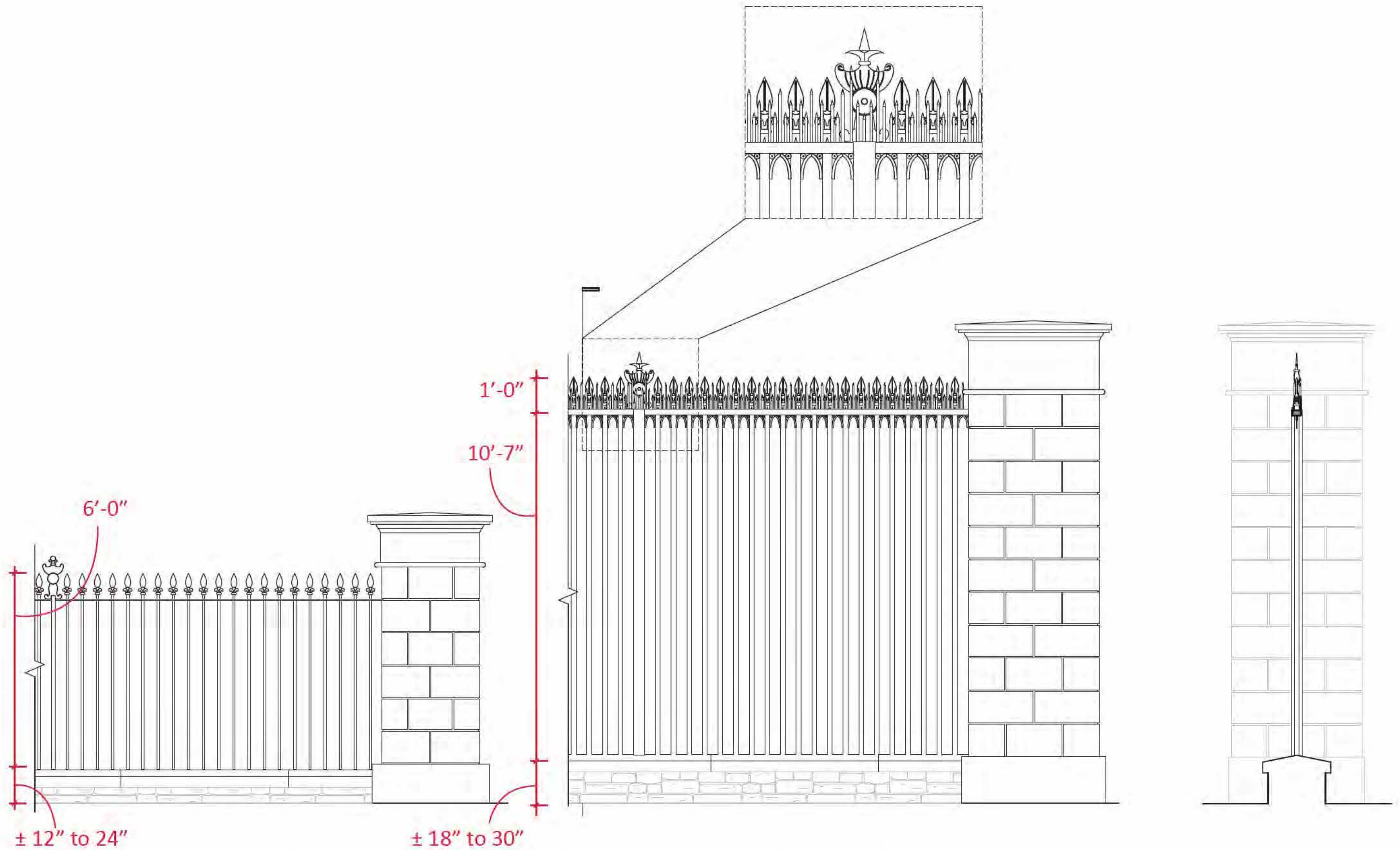


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Project Area

- Use historic details as design inspiration
- Preserve landscape & views
- Preserve historic fabric where possible
- Establish design vocabulary to extend to the next phase
- Fence requirements:
 - Taller & stronger
 - Anti-climb features
 - Intrusion detection technology
 - Beautiful & durable





Existing Fence : 1 to 2' base, 6' fence

Fence Concept : 18 to 30" base, 11'-7" fence



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White House Fence



North side along Pennsylvania Avenue
Existing



North side along Pennsylvania Avenue
Concept



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Fence Concept at
Pennsylvania Avenue



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Existing Fence from Lafayette Park



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Fence Concept from Lafayette Park



Gate to South Lawn



Gate to circular drive from Pennsylvania Ave



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Existing White House Gates



East Executive Avenue
(Before ca. 1903)



West Executive Avenue at
Pennsylvania Avenue

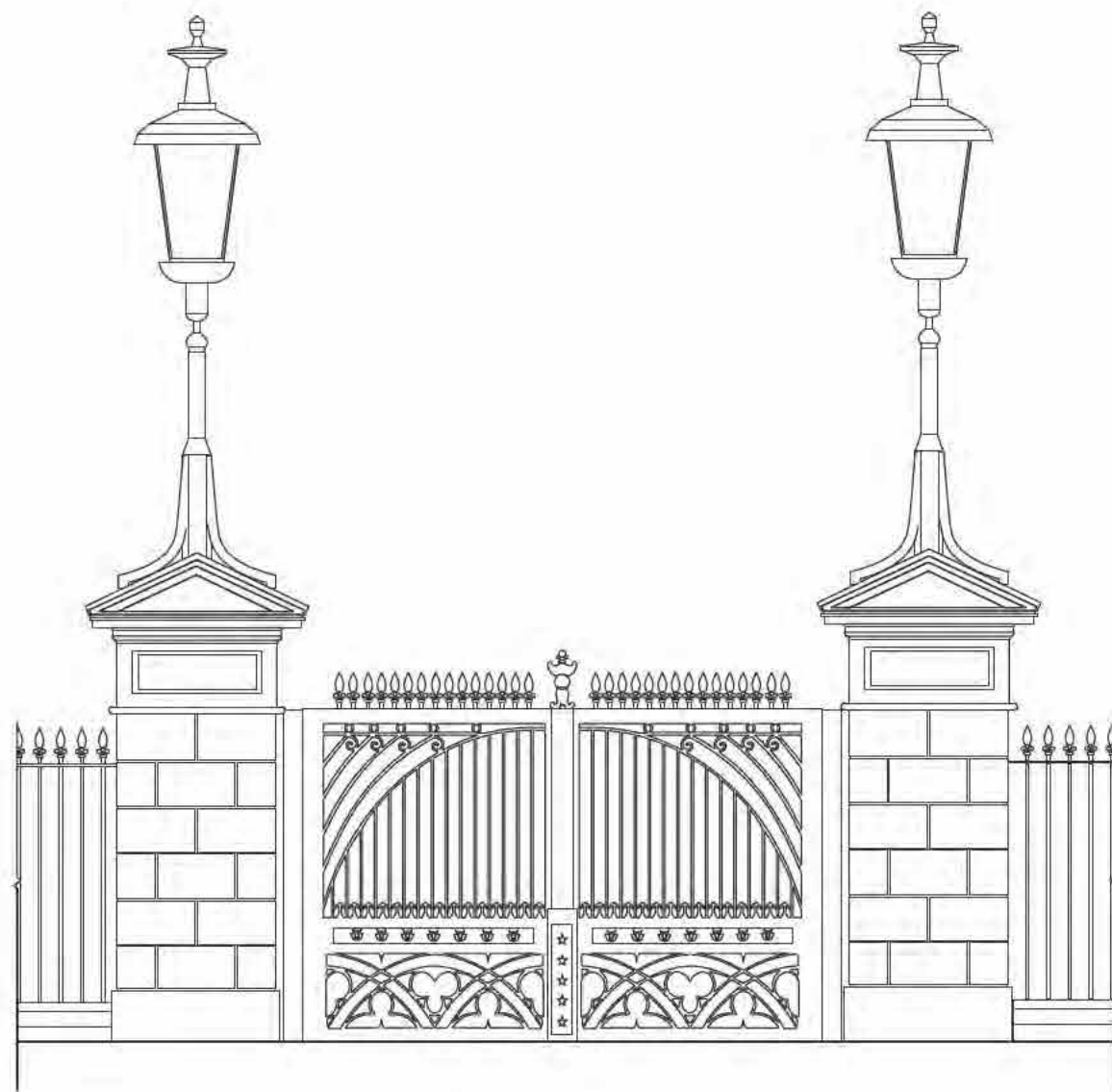


Franklin Roosevelt
at West Executive
Avenue
(1915)

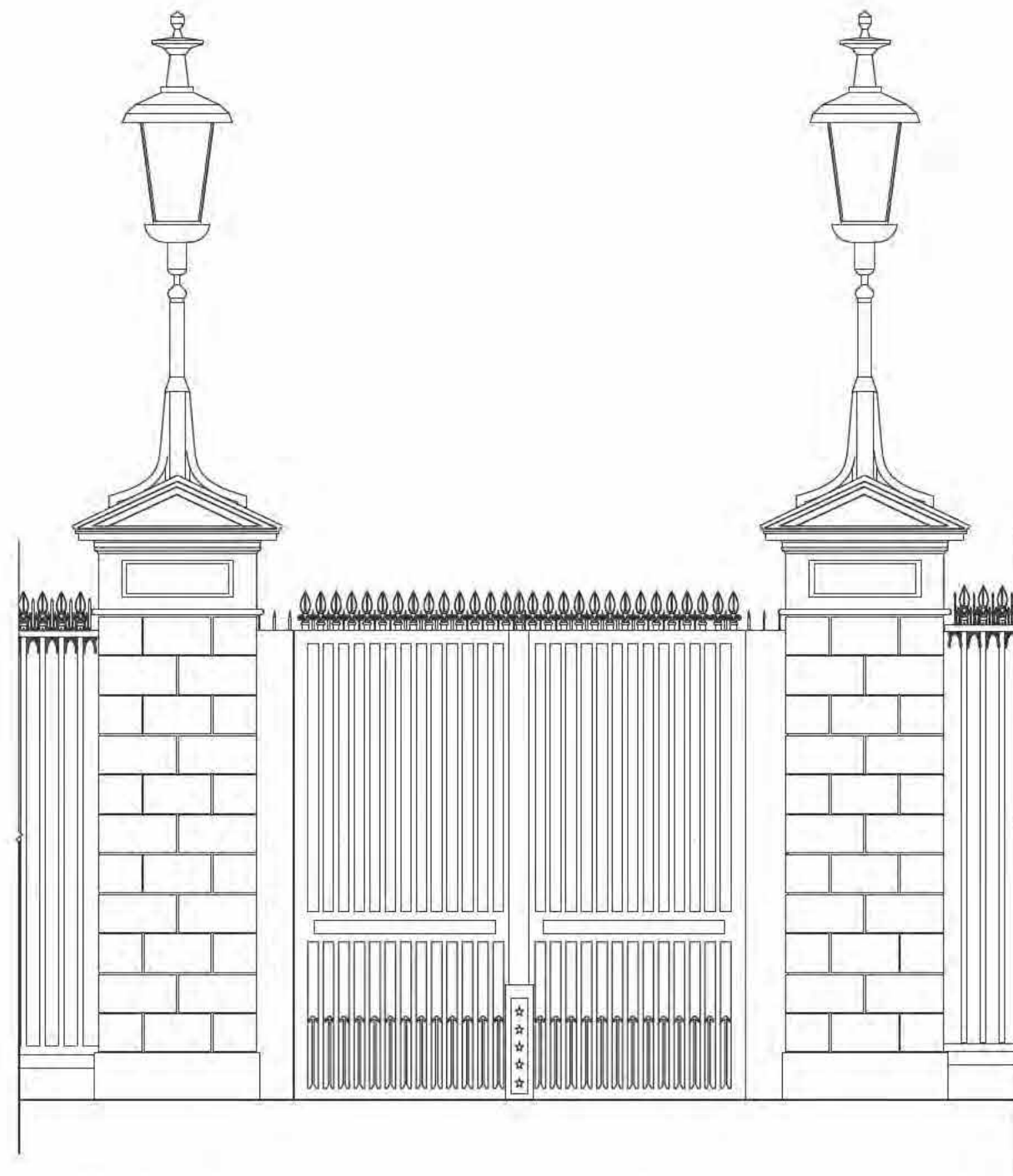


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Historic White House Gates



Existing Vehicle Gate : 8' high x 16' wide

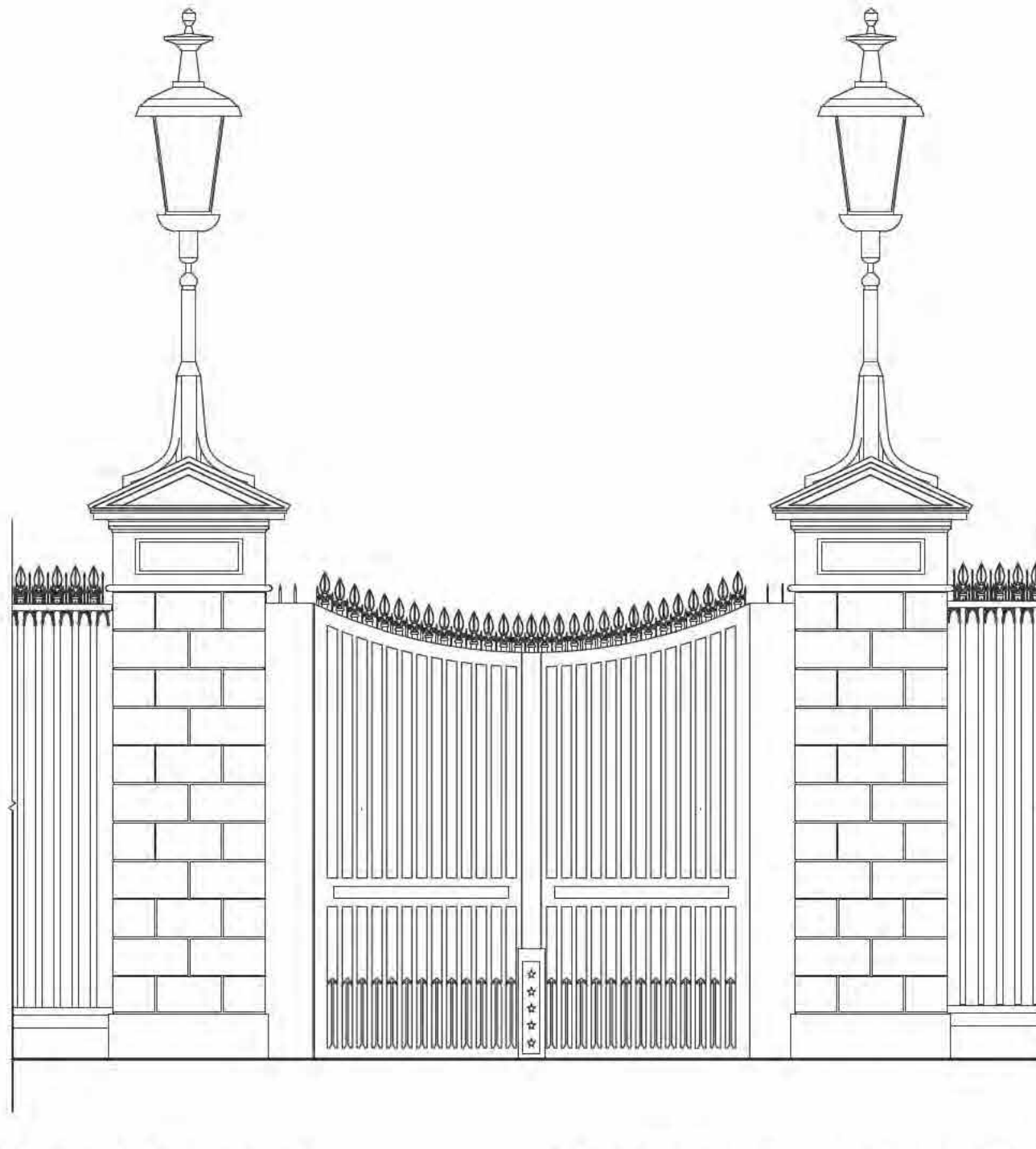


Vehicle Gate Concept : 13' high x 16' wide
Option 1

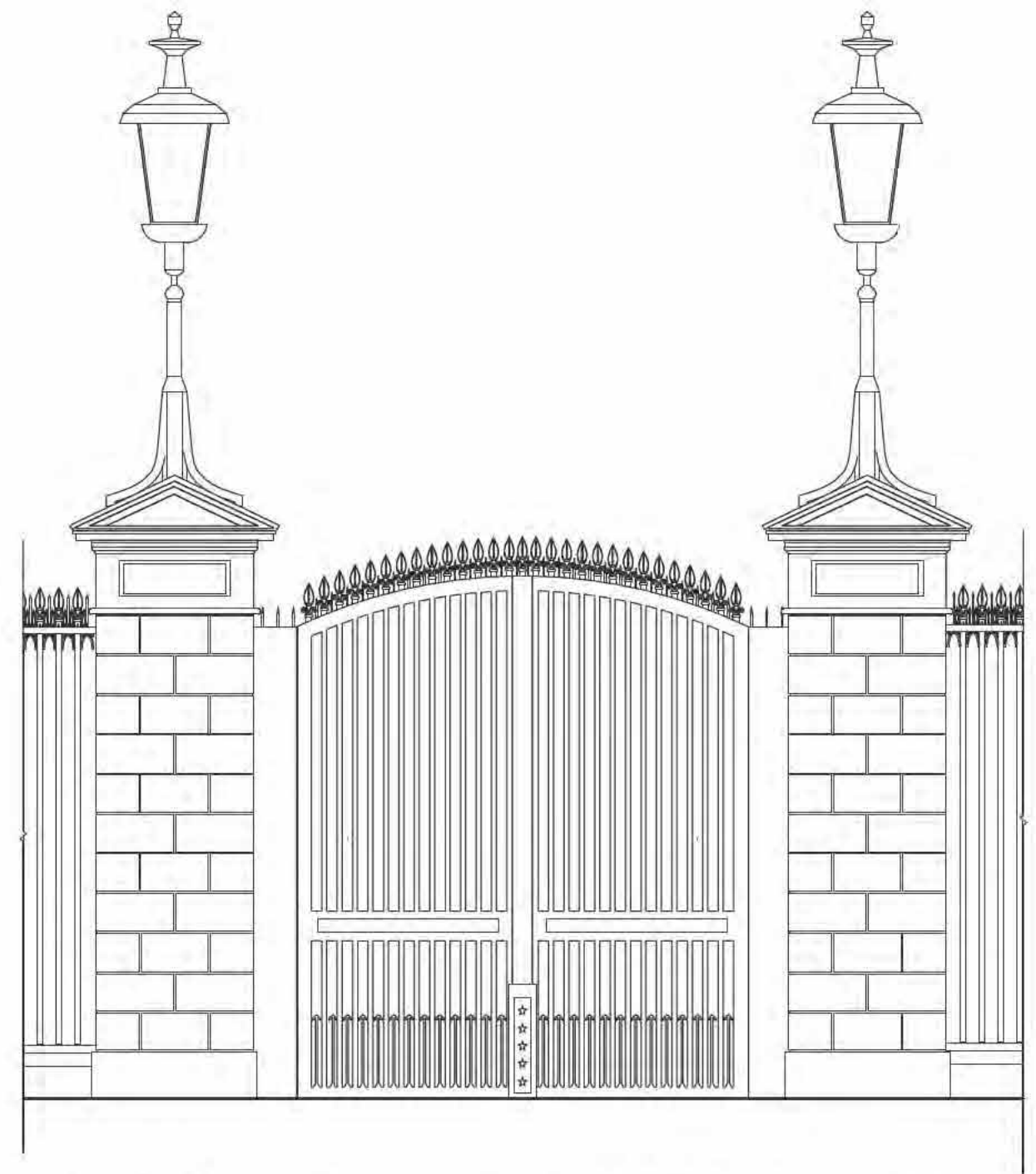


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White House Gate Concepts



Vehicle Gate Concept : 11'-10" high x 16' wide
Option 2



Vehicle Gate Concept : 13'-5" high x 16' wide
Option 3



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White House Gate Concepts



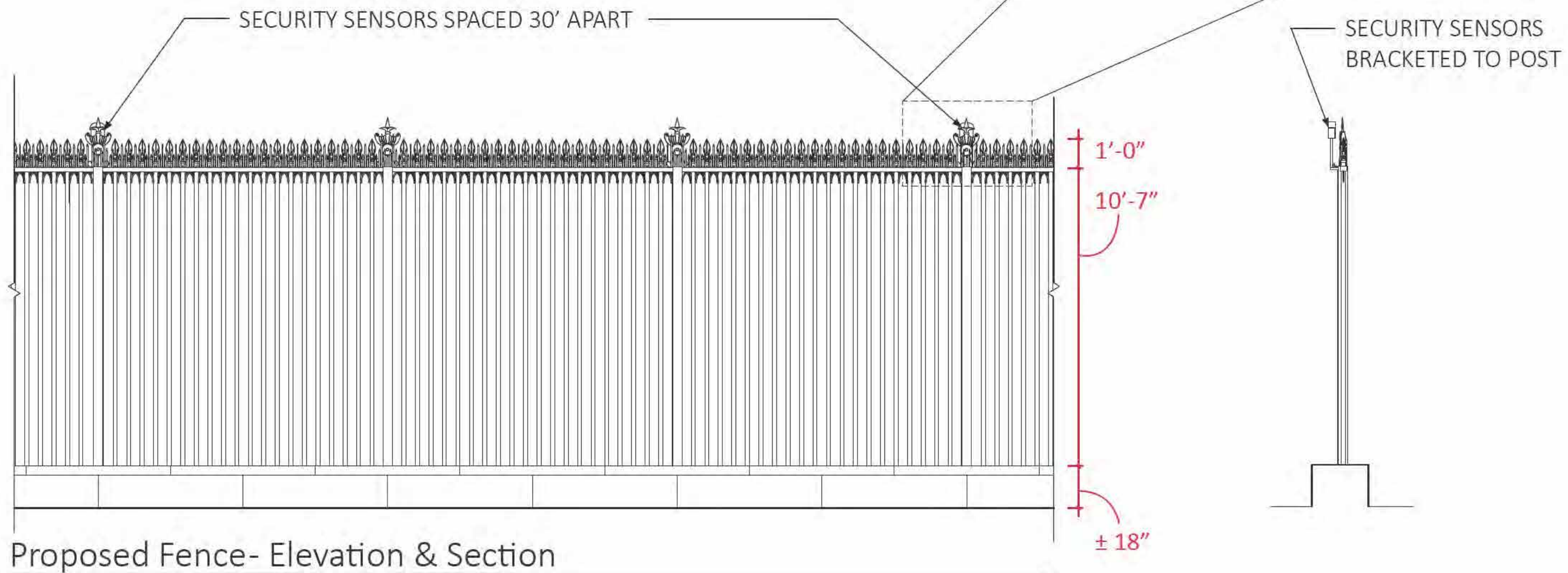
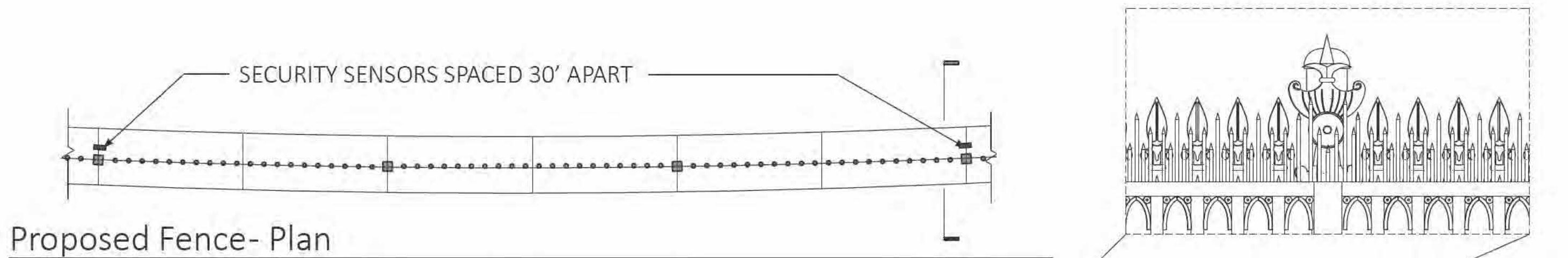
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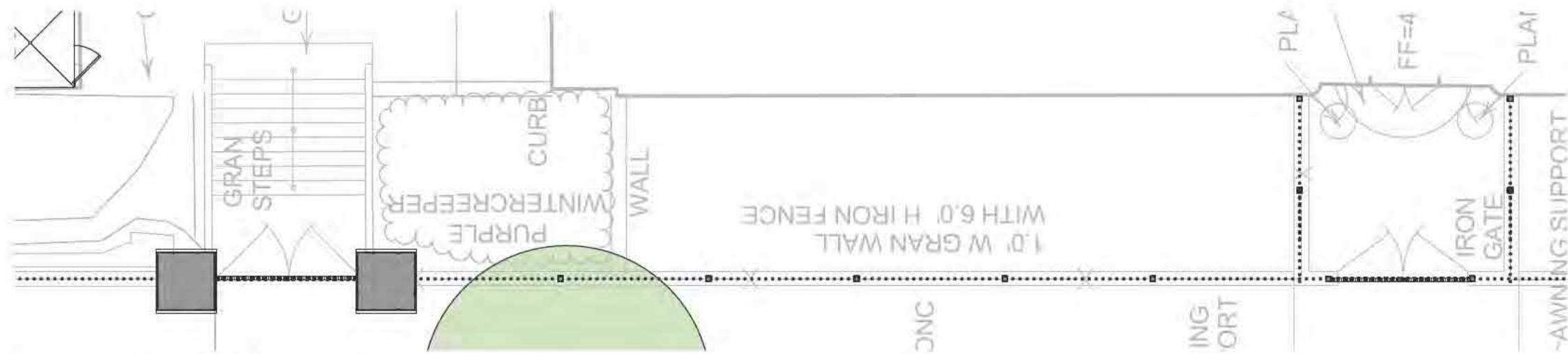
Existing Fence at South Lawn
From E Street



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April 21, 2016

Fence Concept at South Lawn From E Street





Partial Plan at West Executive Avenue

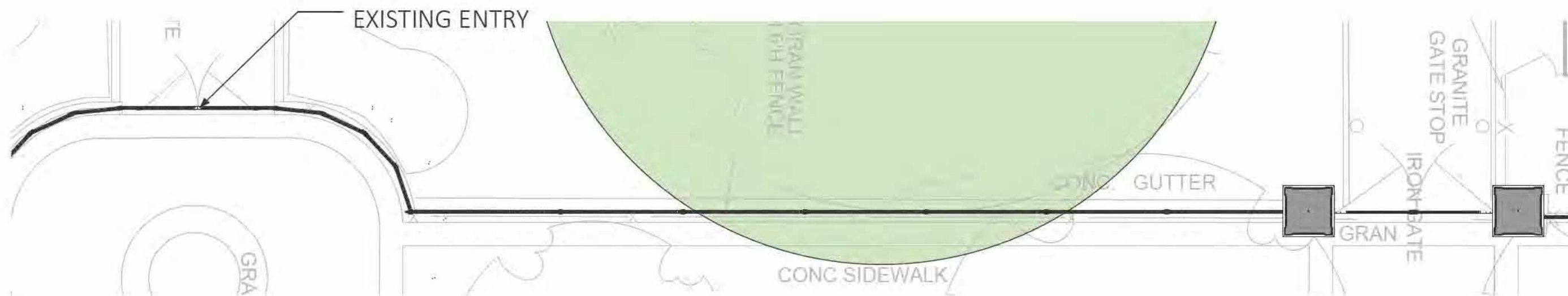


Elevation at West Executive Avenue

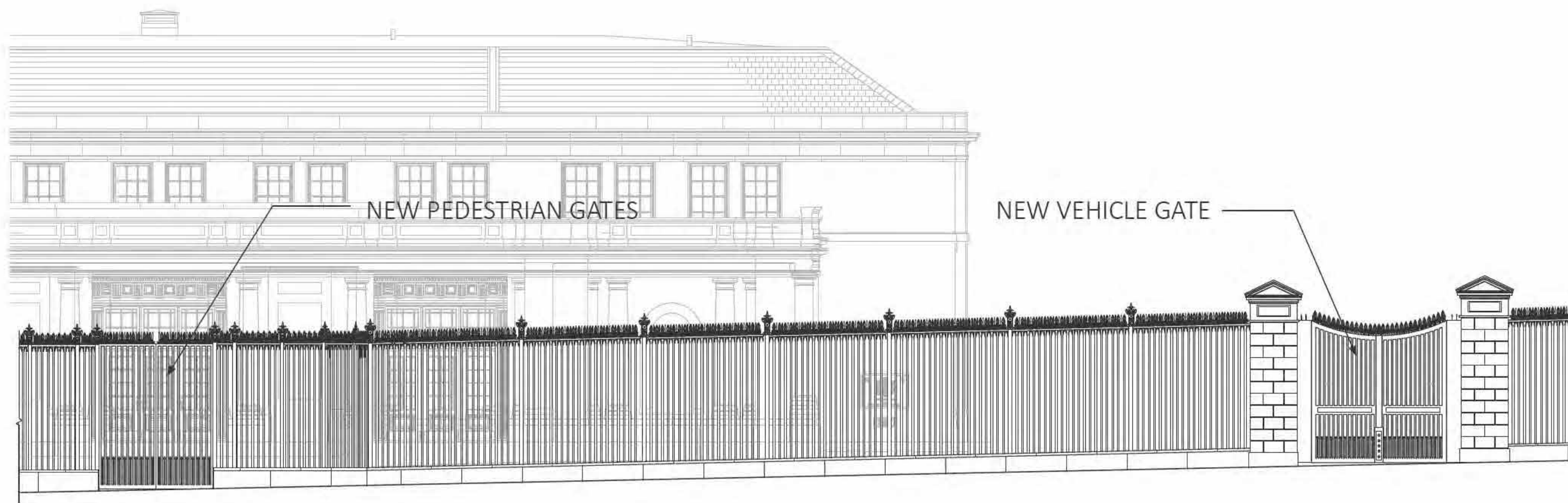


White House Complex Fence Phase 1
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White House Fence Concept
at West Executive Avenue



Partial Plan at East Executive Avenue



Elevation at East Executive Avenue



White House Complex Fence Phase 1
April 21, 2016

White House Fence Concept
at East Executive Avenue

- National Capital Planning Commission information presentation
May 5, 2016
- CFA Concept Review for Phase 1 - White House Grounds
June 2016
- CFA information presentation for Phase 2 – Treasury and Eisenhower Executive Office Buildings
July 2016
- CFA Concept Review for Phase 2
Fall 2016





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