



Potomac Park

Potomac Park Levee Project // 17th Street Closure // Washington DC

17th St NW

17th St NW

17th St NW

Constitution Ave NW

Elipse Rd NW



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Potomac Park 1

OPTION

Arc Wall



Potomac Park 2A

OPTION

Gate Walls Asymmetrical



Potomac Park 2B

OPTION

Gate Walls Symmetrical



Trees Lost	Phase 1:	14
	Phase 2:	25
	Total:	39
	17th Street Trees Lost:	2
	Walnuts Lost:	3
	Sycamore Lost:	0
Wall Lengths	Phase 1 Flood Wall:	337'-8"
	Phase 2 Stone Clad Walls:	Same
Post and Panel Closure Length	Phase 1:	94'-0"
	Phase 2:	Same
Area of Impact (Phase 2)		86,800 sq. ft.
Opportunity for Placemaking		Yes

Trees Lost	Phase 1:	18
	Phase 2:	18
	Total:	36
	17th Street Trees Lost:	6
	Walnuts Lost:	0
	Sycamore Lost:	0
Wall Lengths	Phase 1 Flood Wall:	259'-0"
	Phase 2 Stone Clad Walls:	263'-3"
Post and Panel Closure Length	Phase 1:	108'-6"
	Phase 2:	Same
Area of Impact (Phase 2):		112,770 sq. ft.
Opportunity for Placemaking:		Yes

Trees Lost	Phase 1:	16
	Phase 2:	29
	Total:	45
	17th Street Trees Lost:	6
	Walnuts Lost:	0
	Sycamore Lost:	0
Wall Lengths	Phase 1 Flood Wall:	282'-0"
	Phase 2 Stone Clad Walls:	255'-6"
Post and Panel Closure Length	Phase 1:	111'-0"
	Phase 2:	158'-0"
Area of Impact (Phase 2):		107,150 sq. ft.
Opportunity for Placemaking:		Yes

Potomac Park ^{OPTION}3

Constitution Garden Walls



Trees Lost	
Phase 1:	18
Phase 2:	63
Total:	81
17th Street Trees Lost:	1
Walnuts Lost:	0
Sycamore Lost:	0
Wall Lengths	
Phase 1 Flood Wall:	376'-3"
Phase 2 Stone Clad Walls:	745'-6"
Post and Panel Closure Length	
Phase 1:	101'-9"
Phase 2:	236'-4"
	(+ add'l 110'-0" Jersey Barrier Closure)
Area of Impact (Phase 2):	98,140 sq. ft.
Opportunity for Placemaking:	Yes

Potomac Park ^{OPTION}4

Land Bridge



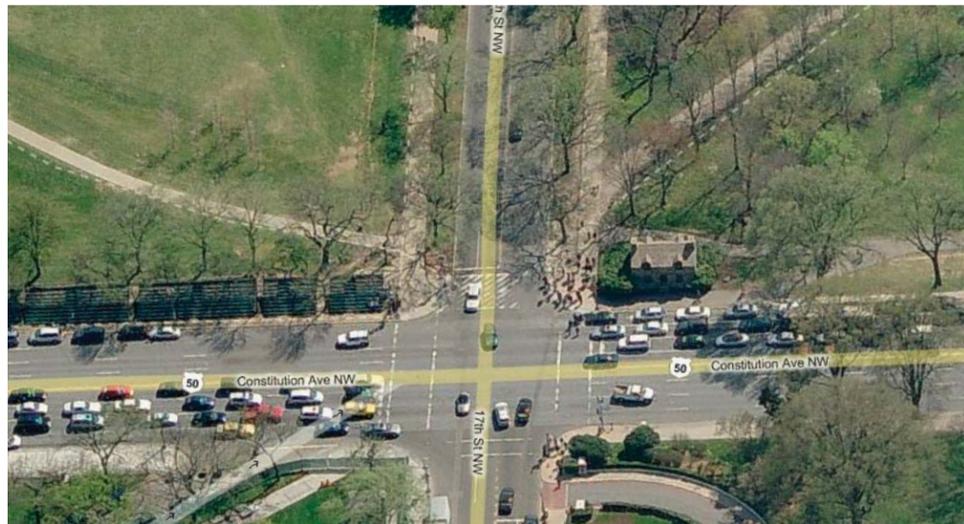
Trees Lost	
Phase 1:	n/a
Phase 2:	n/a
Total:	102
17th Street Trees Lost:	18
Walnuts Lost:	2
Sycamore Lost:	1
Wall Lengths	
Phase 1 Flood Wall:	n/a
Phase 2 Stone Clad Walls:	n/a
Post and Panel Closure Length	
Phase 1:	n/a
Phase 2:	n/a
Area of Impact (Phase 2):	239,750 sq. ft.
Opportunity for Placemaking:	No

Potomac Park ^{OPTION}5

Culvert/Jersey Barriers



Trees Lost	
Phase 1:	n/a
Phase 2:	n/a
Total:	19
17th Street Trees Lost:	0
Walnuts Lost:	0
Sycamore Lost:	0
Wall Lengths	
Phase 1 Flood Wall:	779'-7" (Jersey Barriers/ Stacked Culverts)
Phase 2 Stone Clad Walls:	n/a
Post and Panel Closure Length	
Phase 1:	n/a
Phase 2:	n/a
Area of Impact (Phase 2):	24,312 sq. ft.
Opportunity for Placemaking:	No



Potomac Park Levee Project

Aerial Site Photos - Existing Conditions

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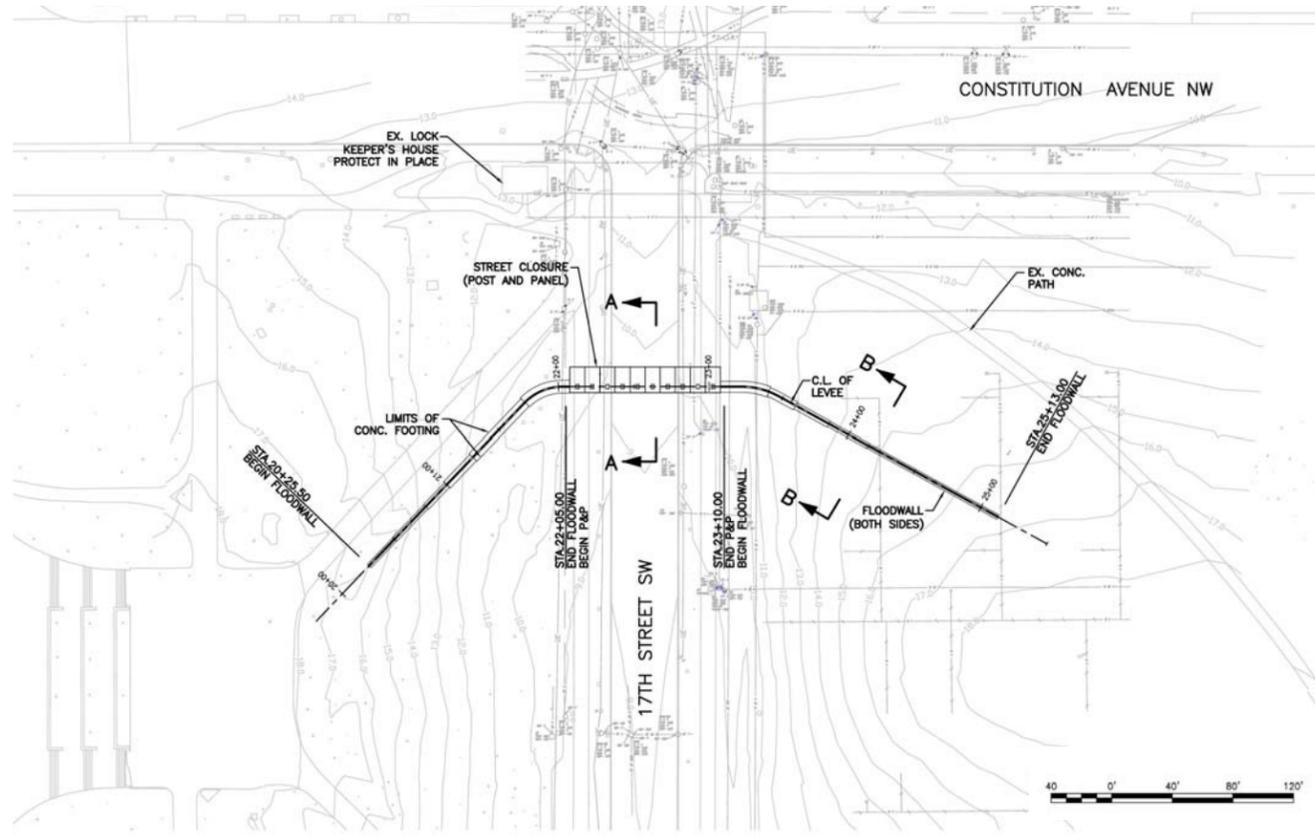
Potomac Park¹

OPTION

Arc Wall



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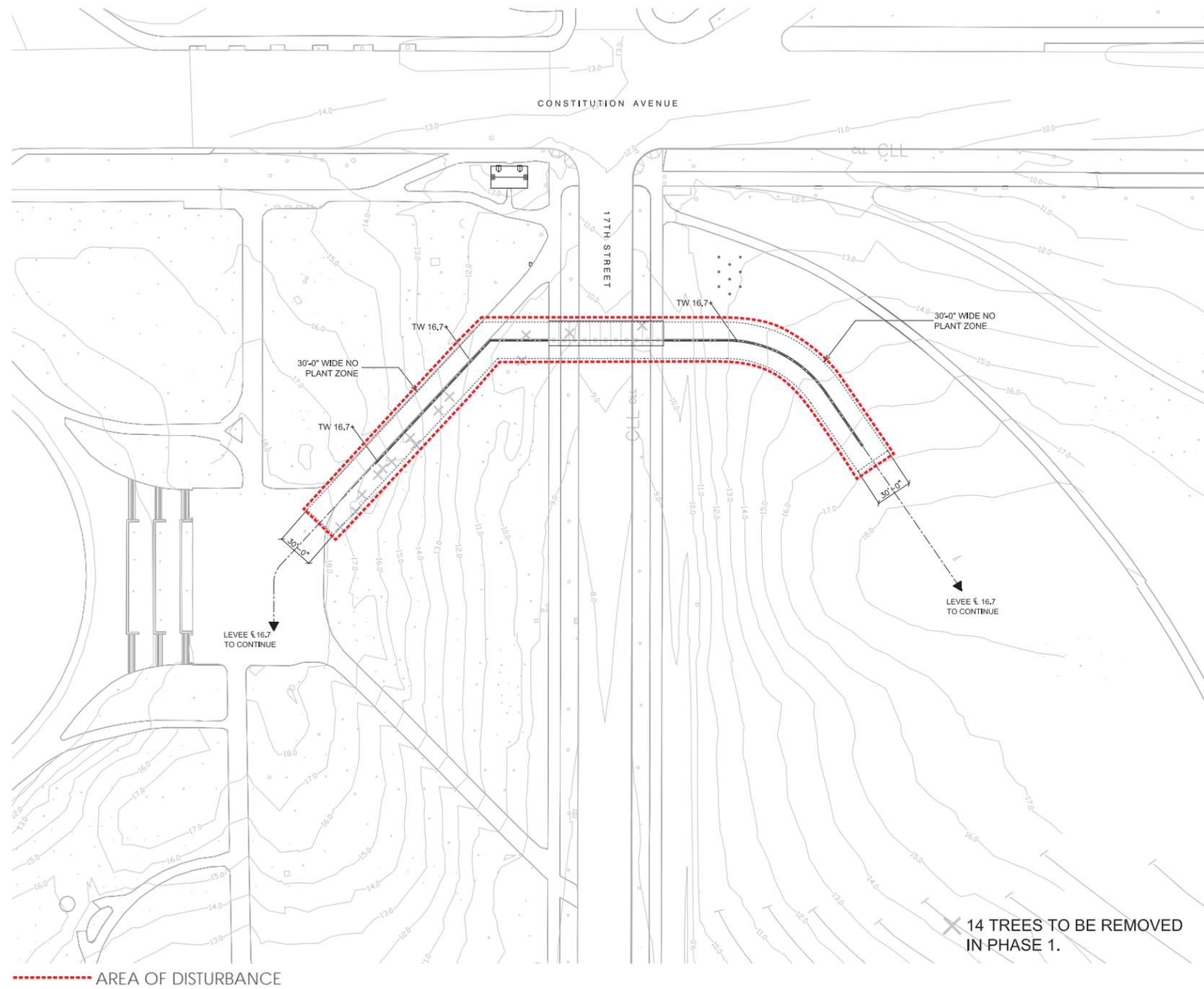


TETRATECH - Central Levee Location



Precedent - Georgetown Canal Stone Wall





Drawing No.: **OPTION 1**
 Date: 19 AUGUST 2008
 Scale: 1"=50'


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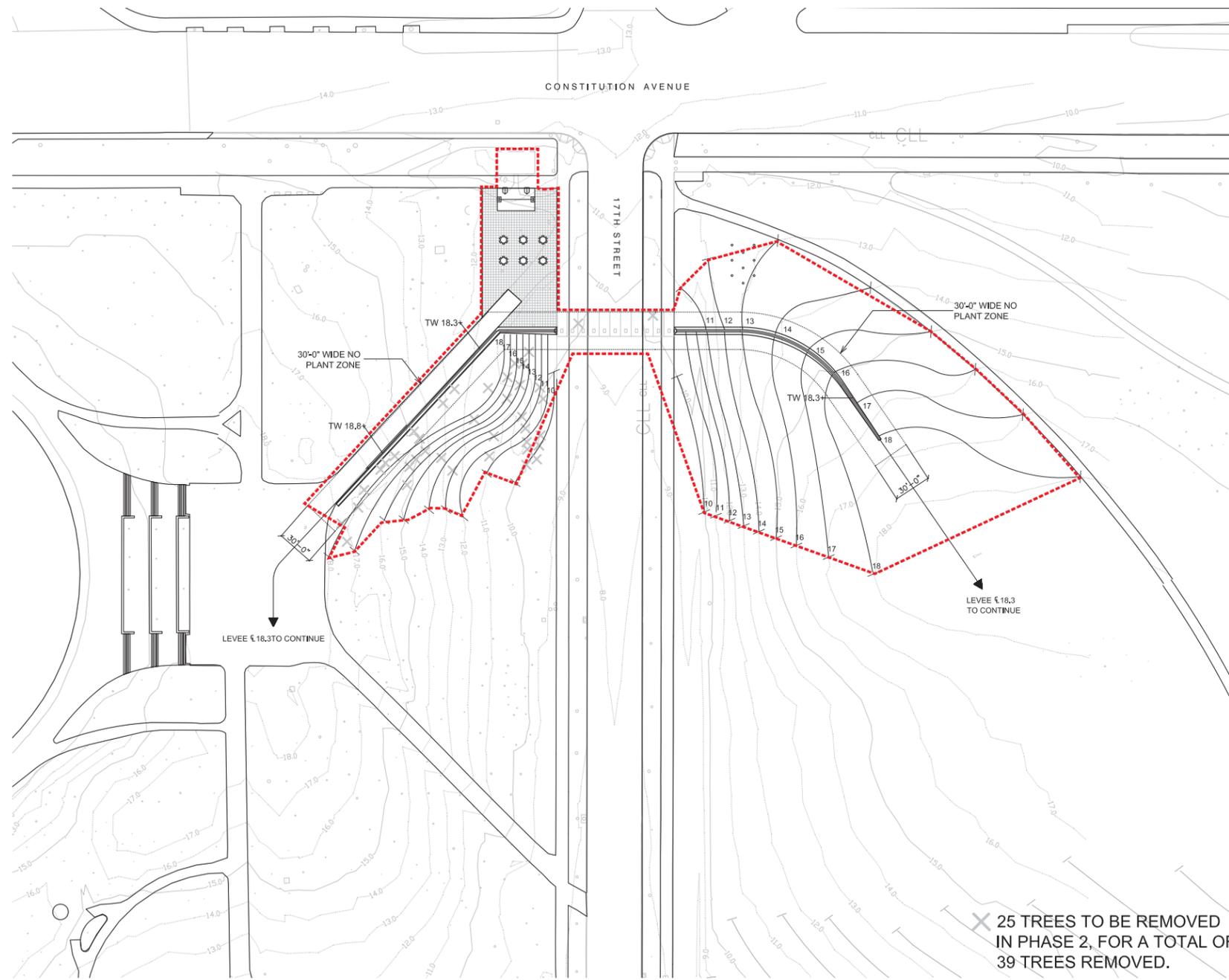

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POTOMAC PARK OPTION 1 PHASE 1 0825.02 - 16.7

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14 TREES TO BE REMOVED
IN PHASE 1.



----- AREA OF DISTURBANCE

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 Date: 19 AUGUST 2008
 Scale: 1"=50'

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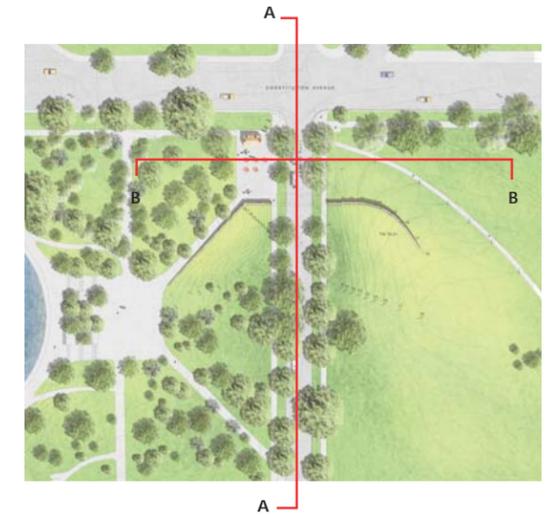
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POTOMAC PARK OPTION 1 PHASE 2 0825.02 - 18.3

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✕ 25 TREES TO BE REMOVED
 IN PHASE 2, FOR A TOTAL OF
 39 TREES REMOVED.





Section A



Section B



17th Street Looking South



17th Street Looking South

Potomac Park Levee Project

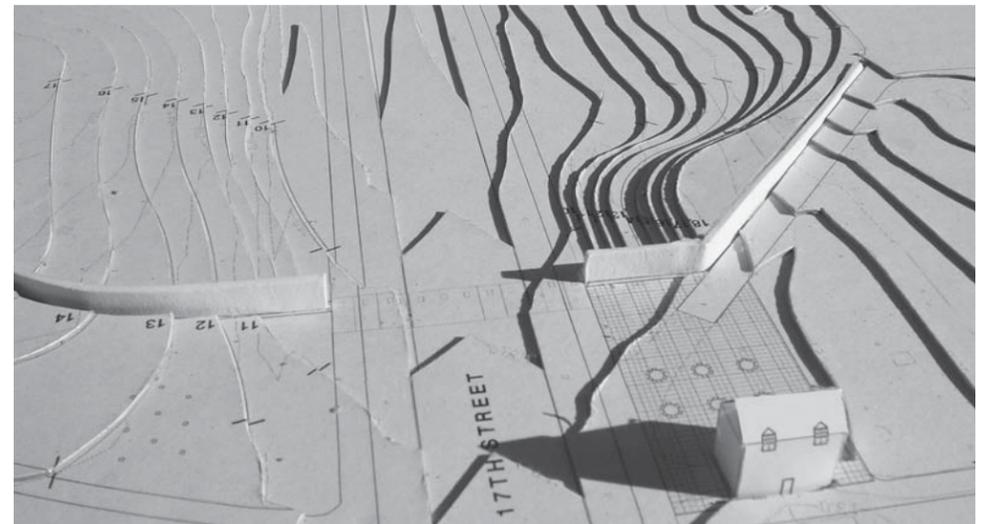
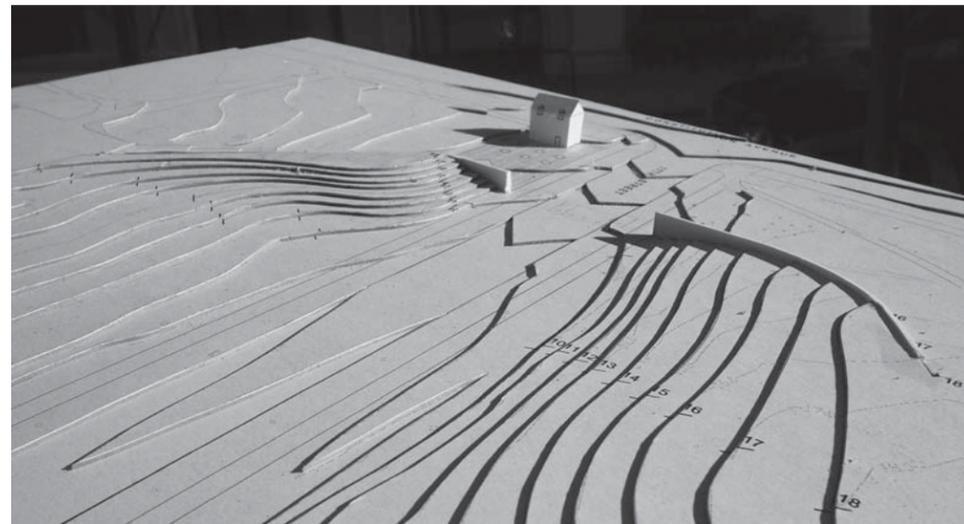
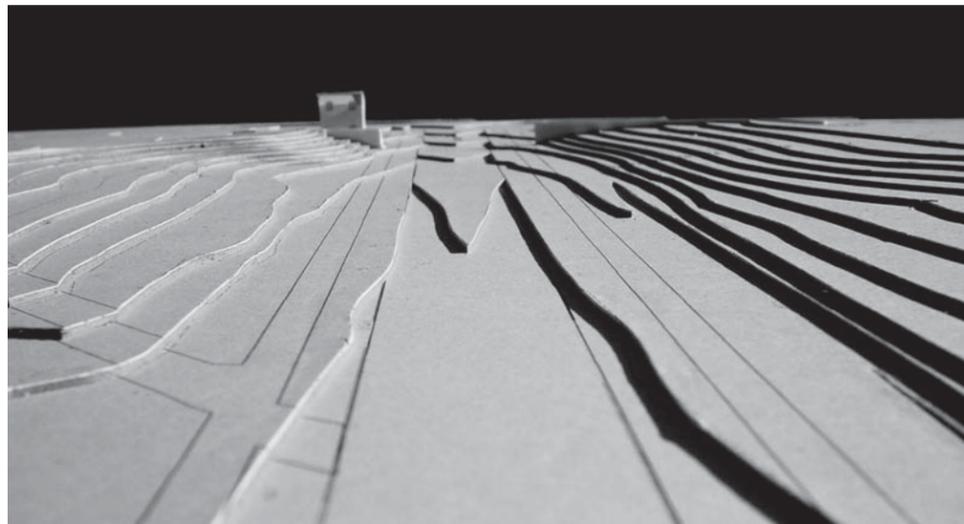
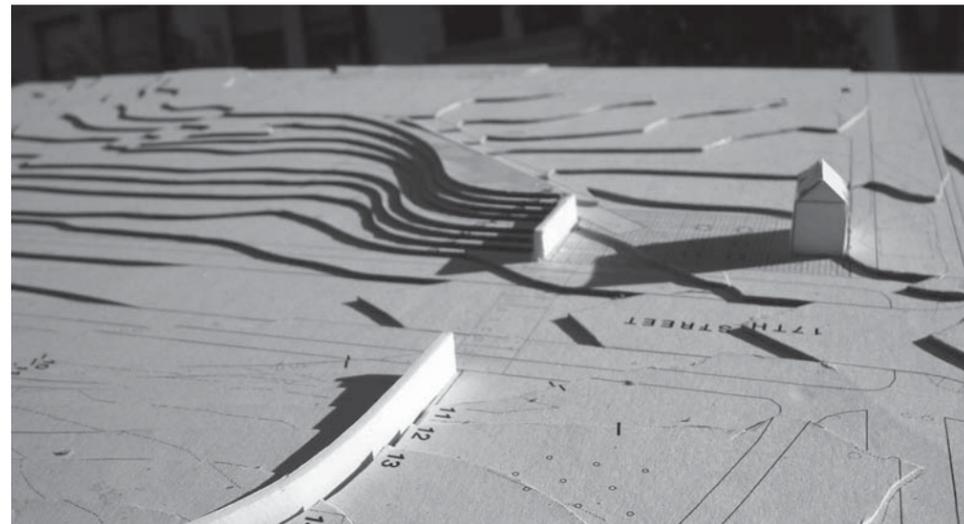
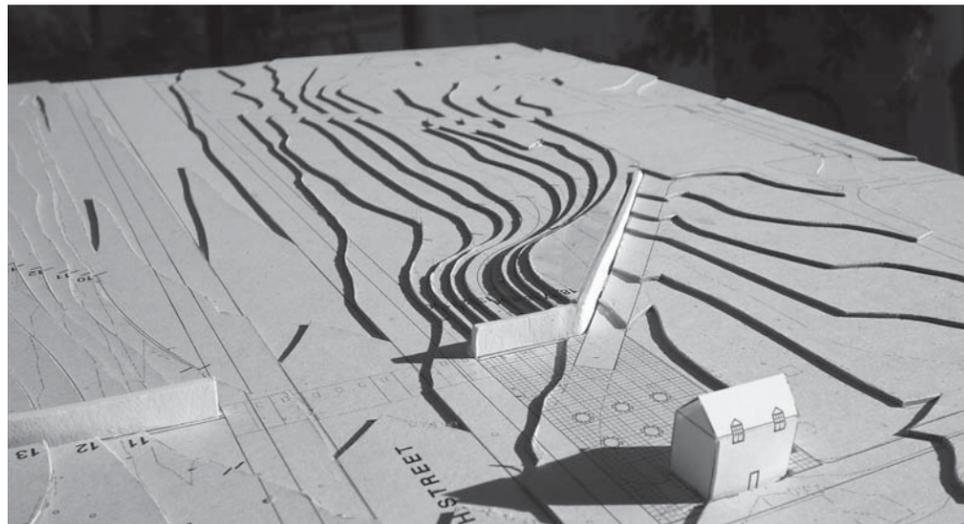
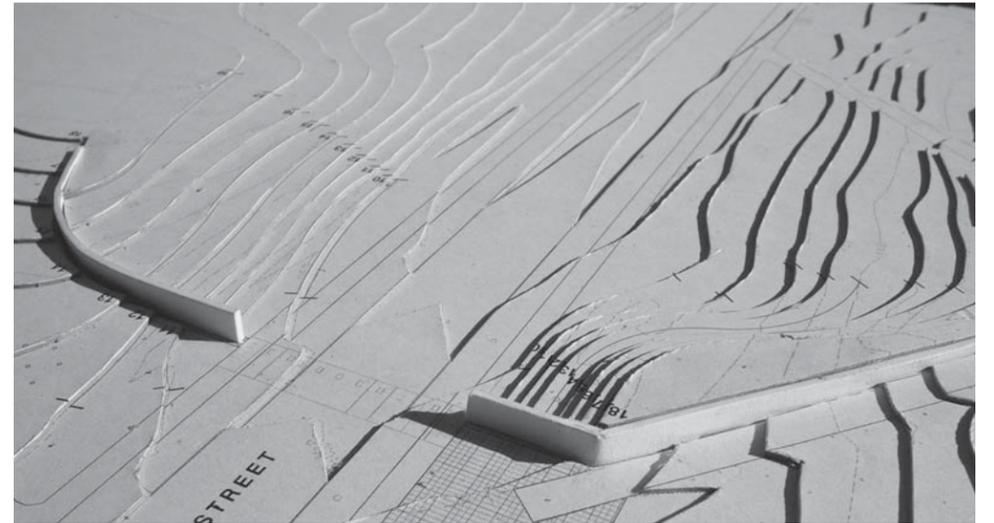
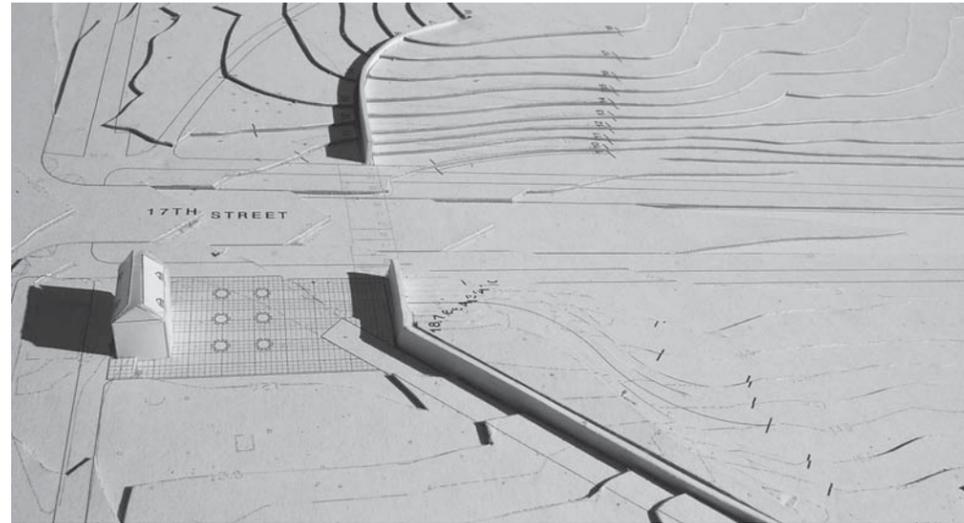
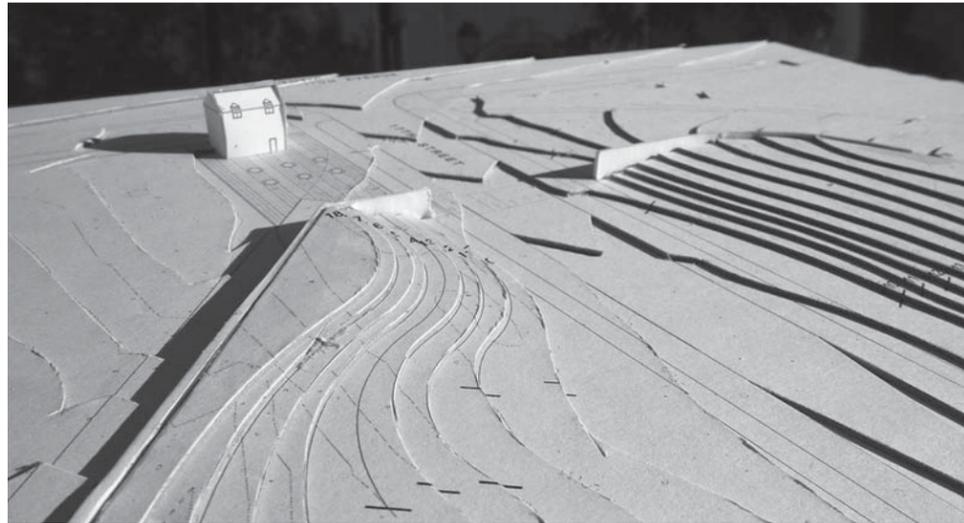
Option 1 - ARC WALL Perspective Sketch



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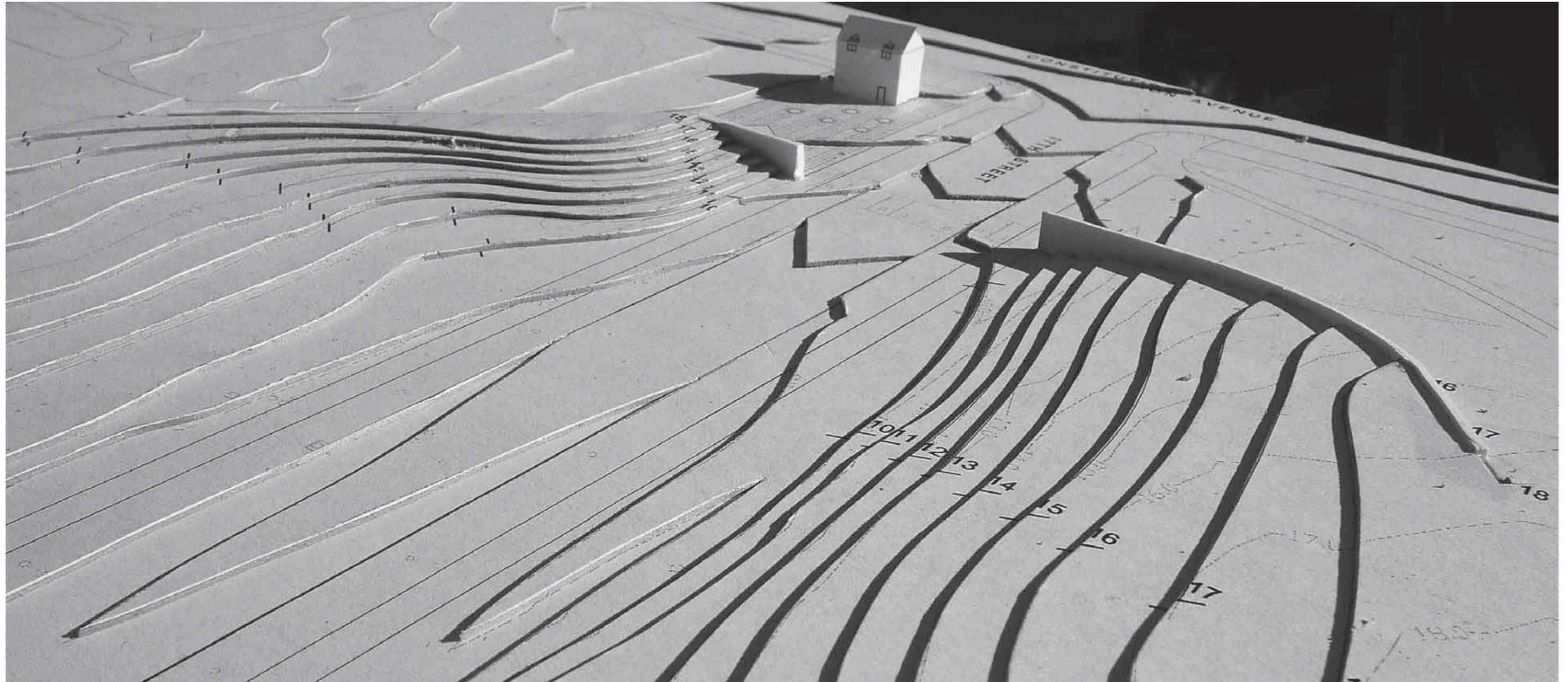
Potomac Park Levee Project

Option 1 - ARC WALL - Model Photos

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Option 1 - ARC WALL - Model Photos

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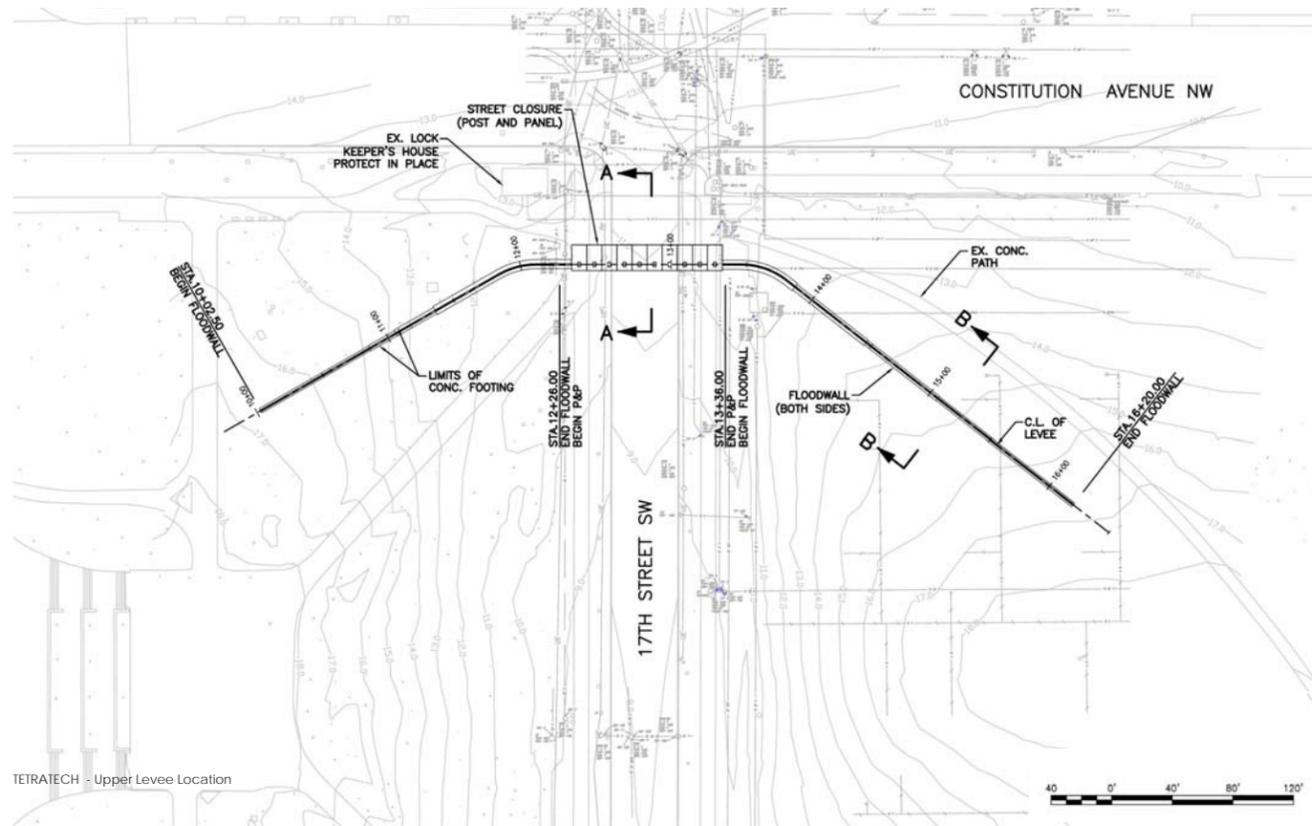
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Potomac Park OPTION 2A

Asymmetric Gate Walls



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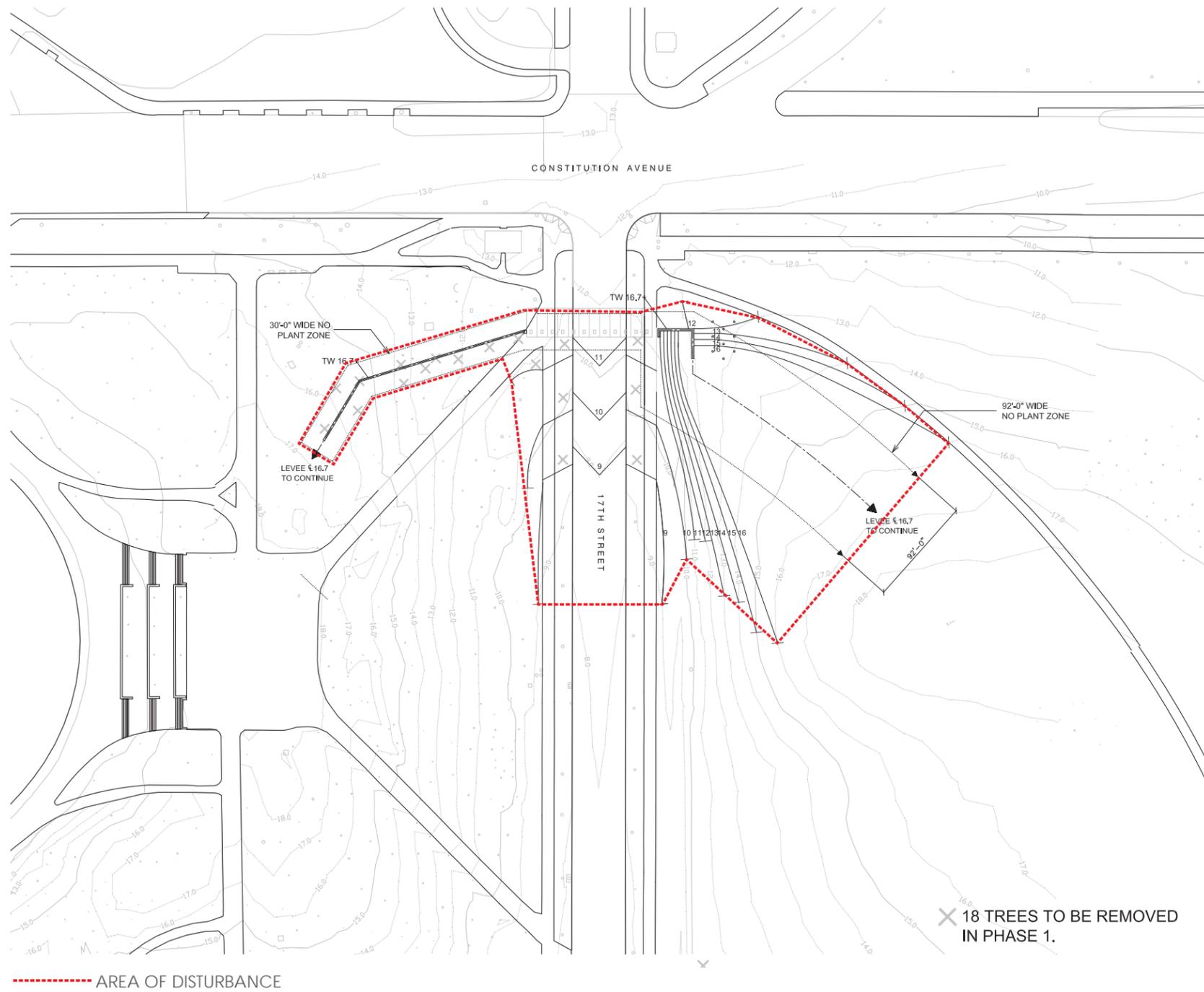
Lock Keeper's House at Constitution Avenue and 17th Street



Bullfinch Gatehouse at Constitution Avenue and 17th Street

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Option 2A - GATE WALLS ASYMMETRIC



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Date: 19 AUGUST 2008

Scale: 1"=50'



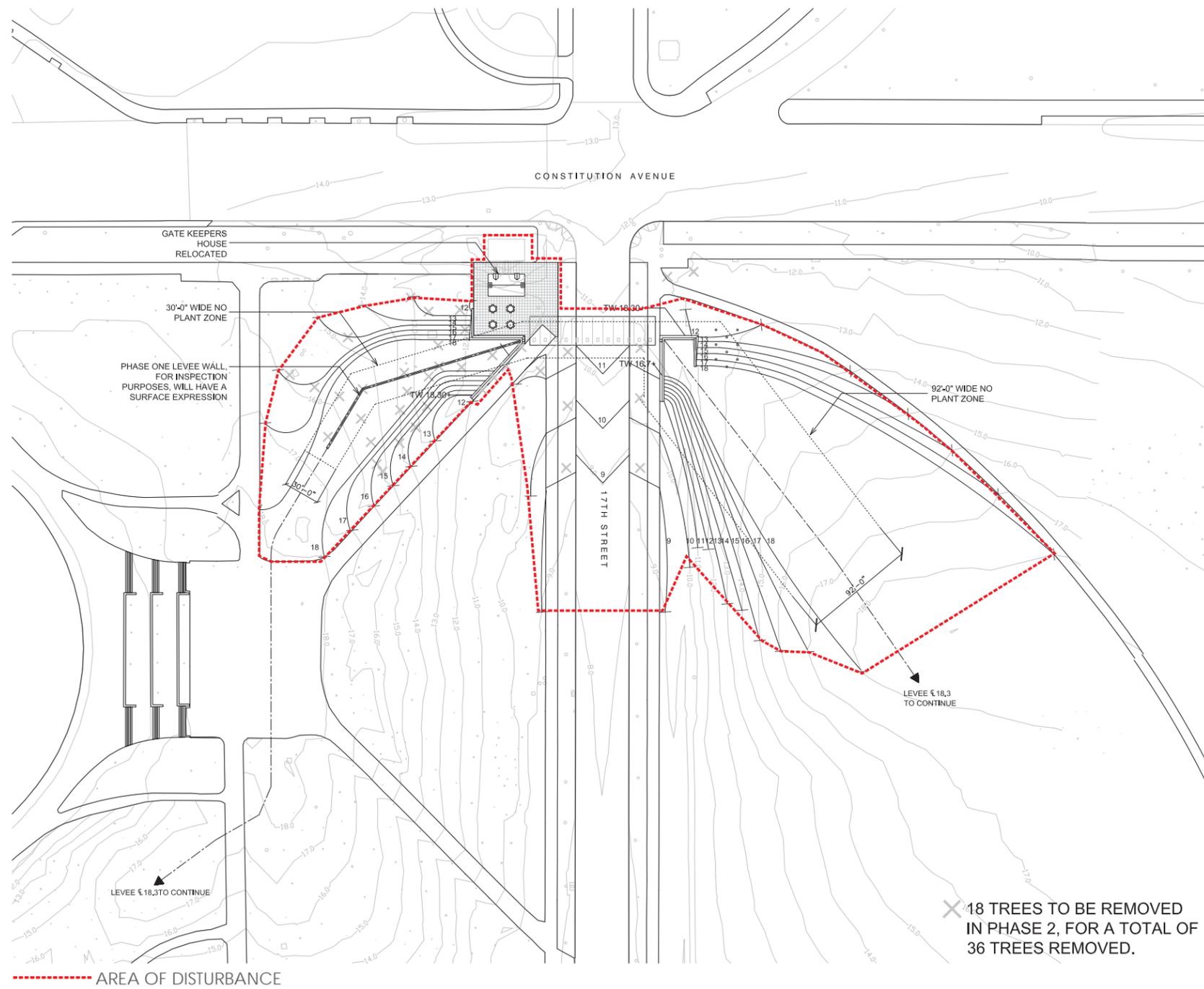
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POTOMAC PARK OPTION 2A PHASE 1 0825.02 - 16.7

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✕ 18 TREES TO BE REMOVED IN PHASE 1.





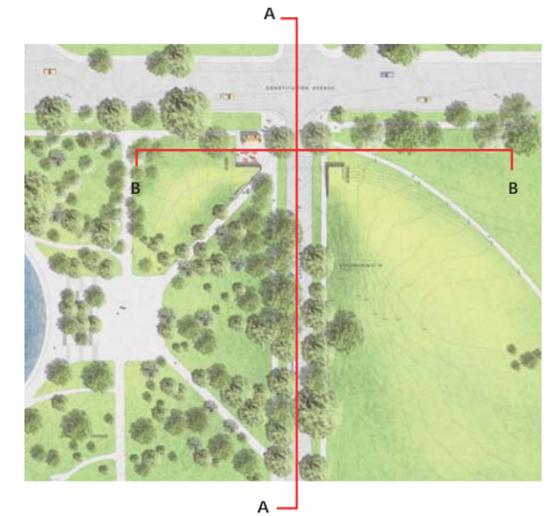
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POTOMAC PARK OPTION 2A PHASE 2 0825.02 - 18.3

 18 TREES TO BE REMOVED
 IN PHASE 2, FOR A TOTAL OF
 36 TREES REMOVED.



Section A



Section B



17th Street Looking South at Constitution Avenue



17th Street Looking South at Constitution Avenue



Aerial Oblique - Post and Panel Down



Aerial Oblique - Post and Panel in Place



Street View East Along Constitution Avenue



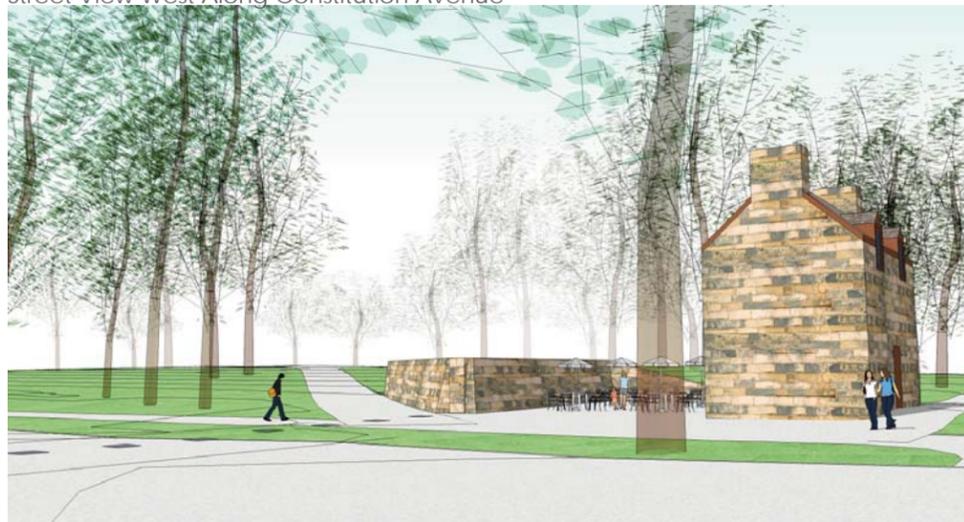
Street View West Along Constitution Avenue



Street View East Along Constitution Avenue



Street View East Along Constitution Avenue



Street View West Along Constitution Avenue



View North-East Along 17th Street



Street View North Along 17th Street

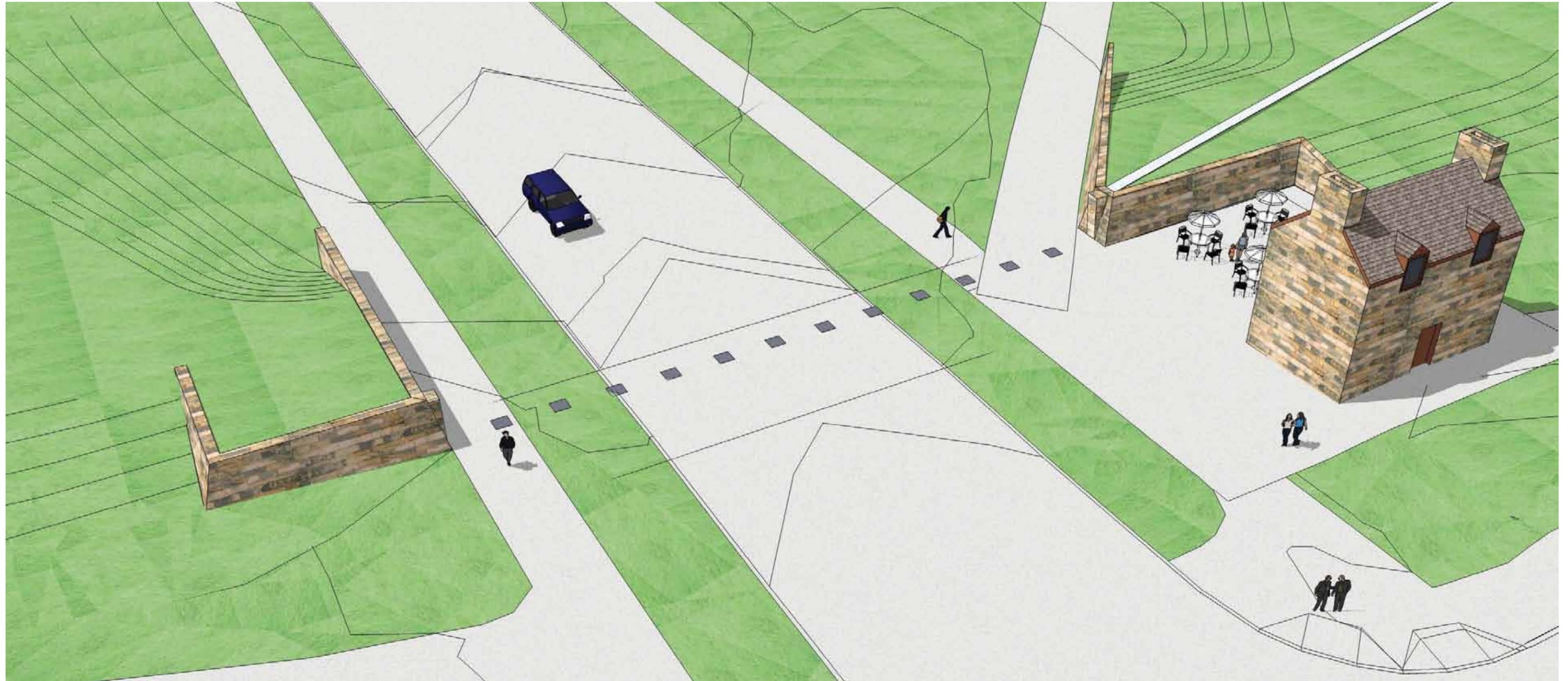
Potomac Park Levee Project

Option 2A - Perspectives

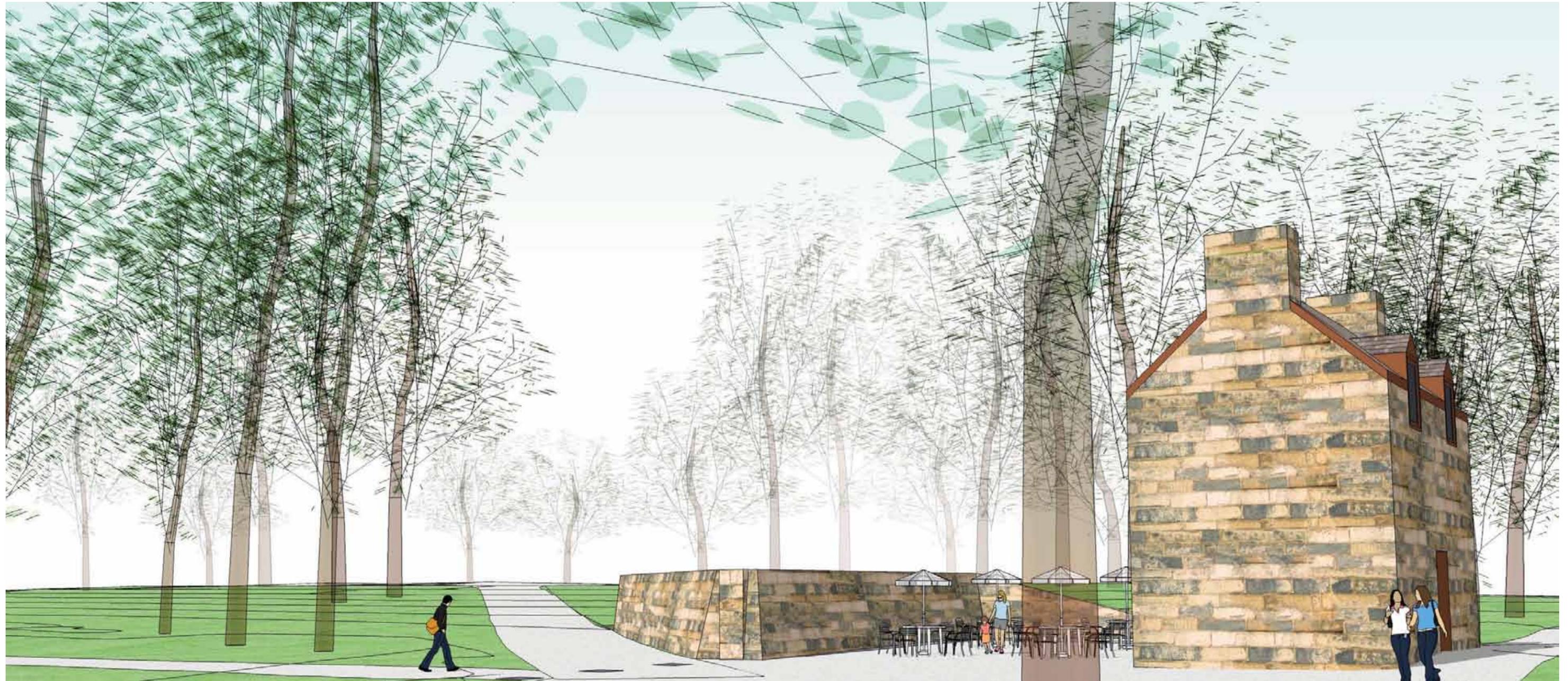
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Aerial Oblique - Post and Panel Down



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Option 2A - Perspective

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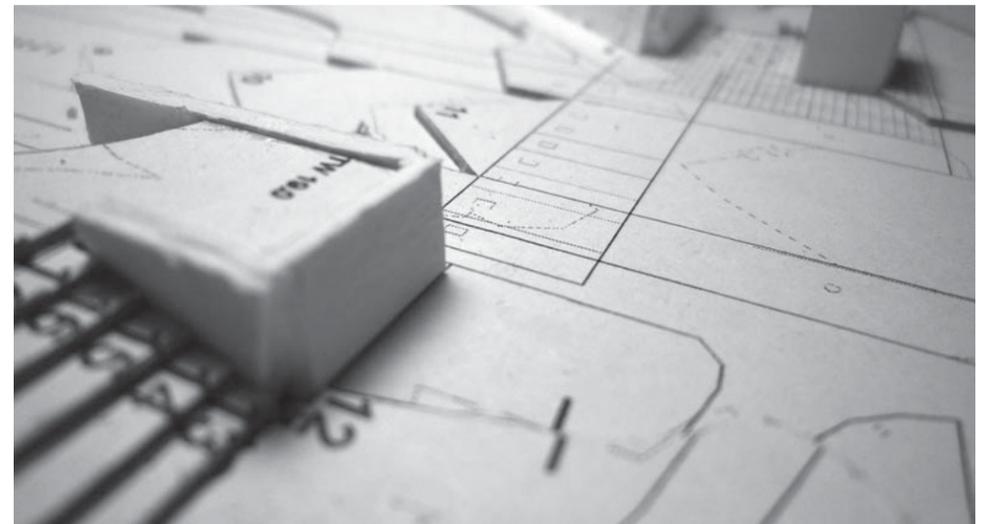
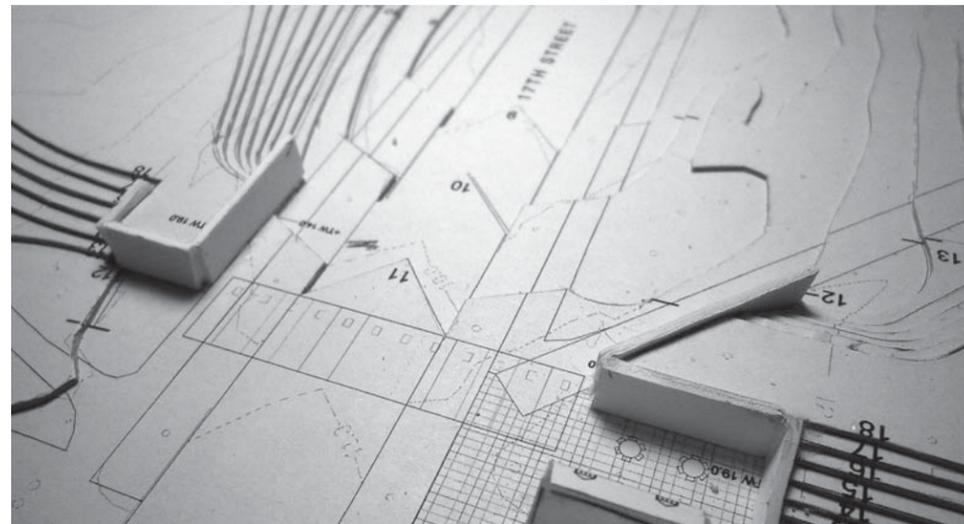
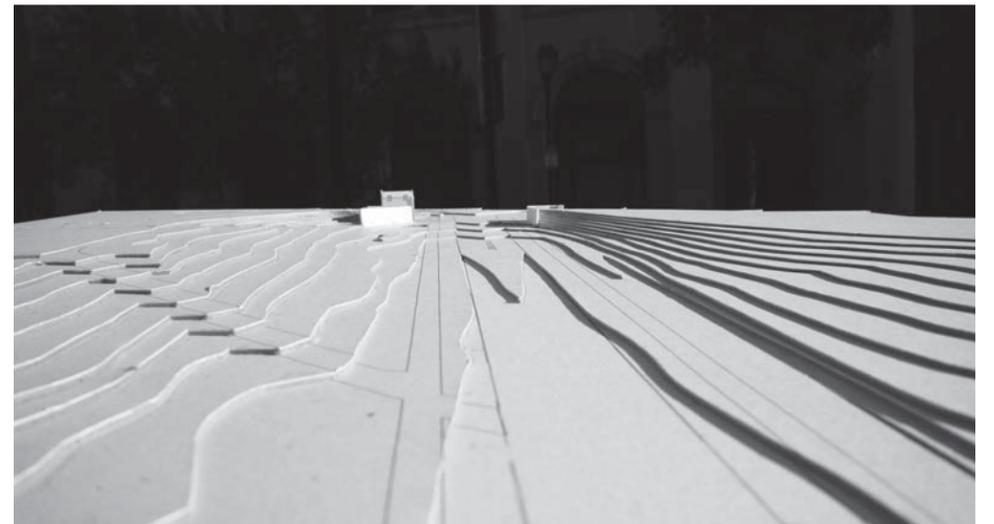
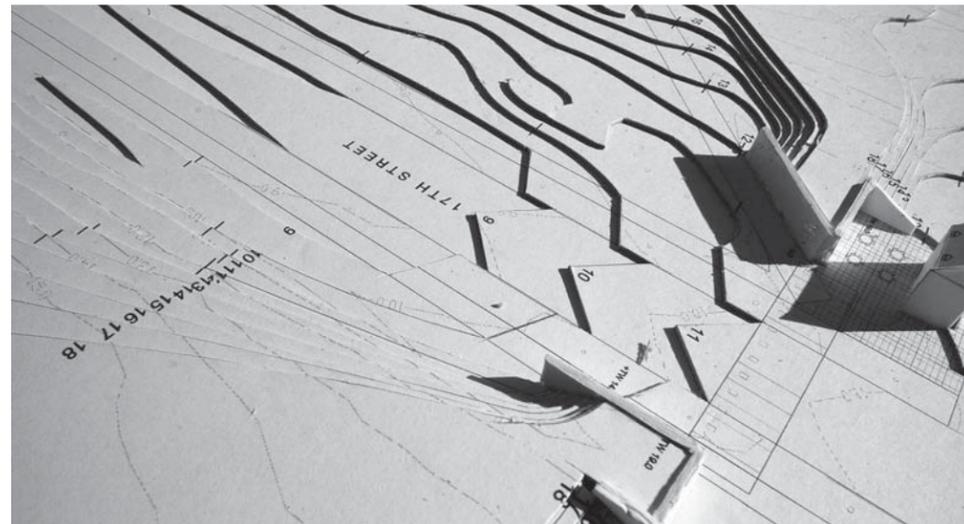
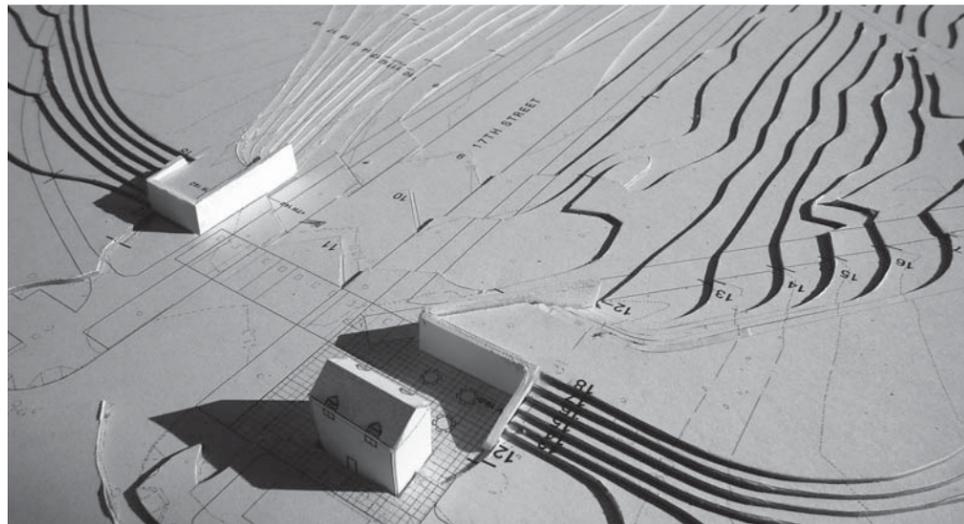
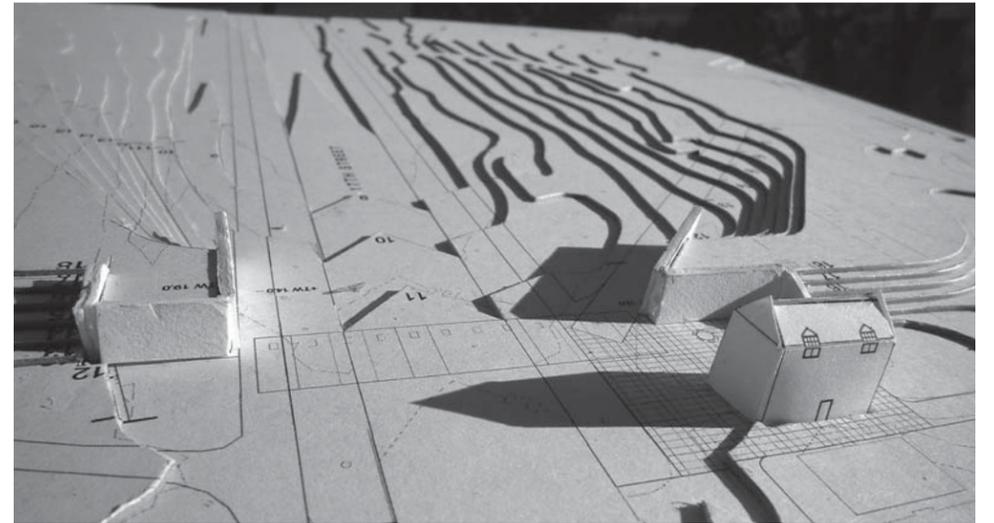
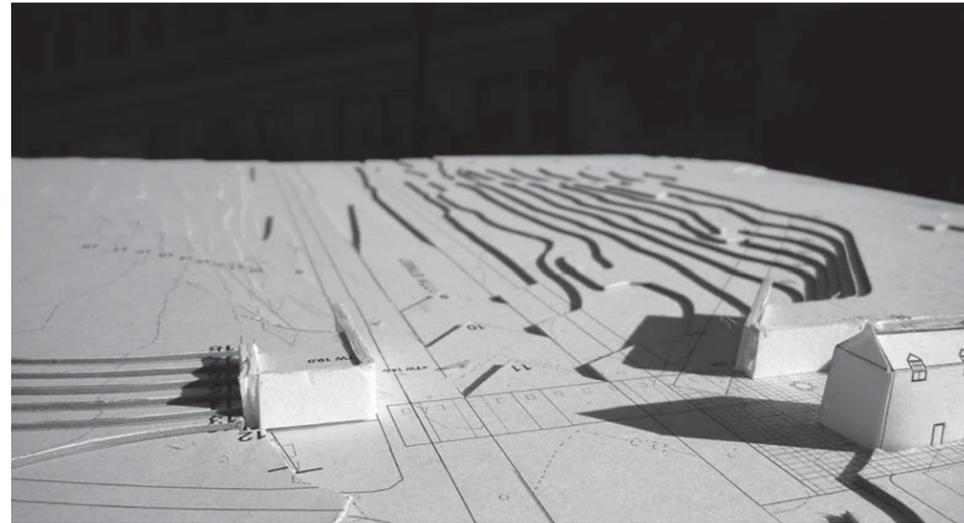
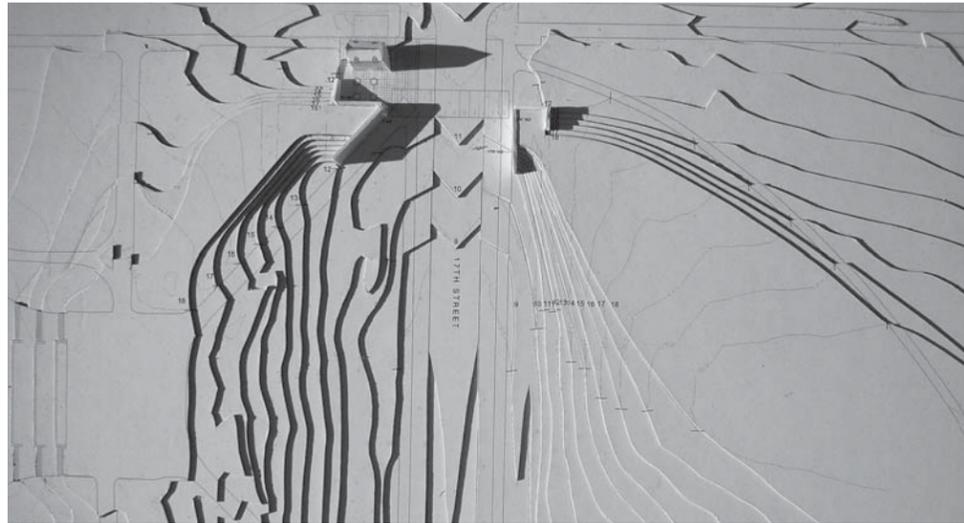
Potomac Park Levee Project

Option 2A - Plan Rendering

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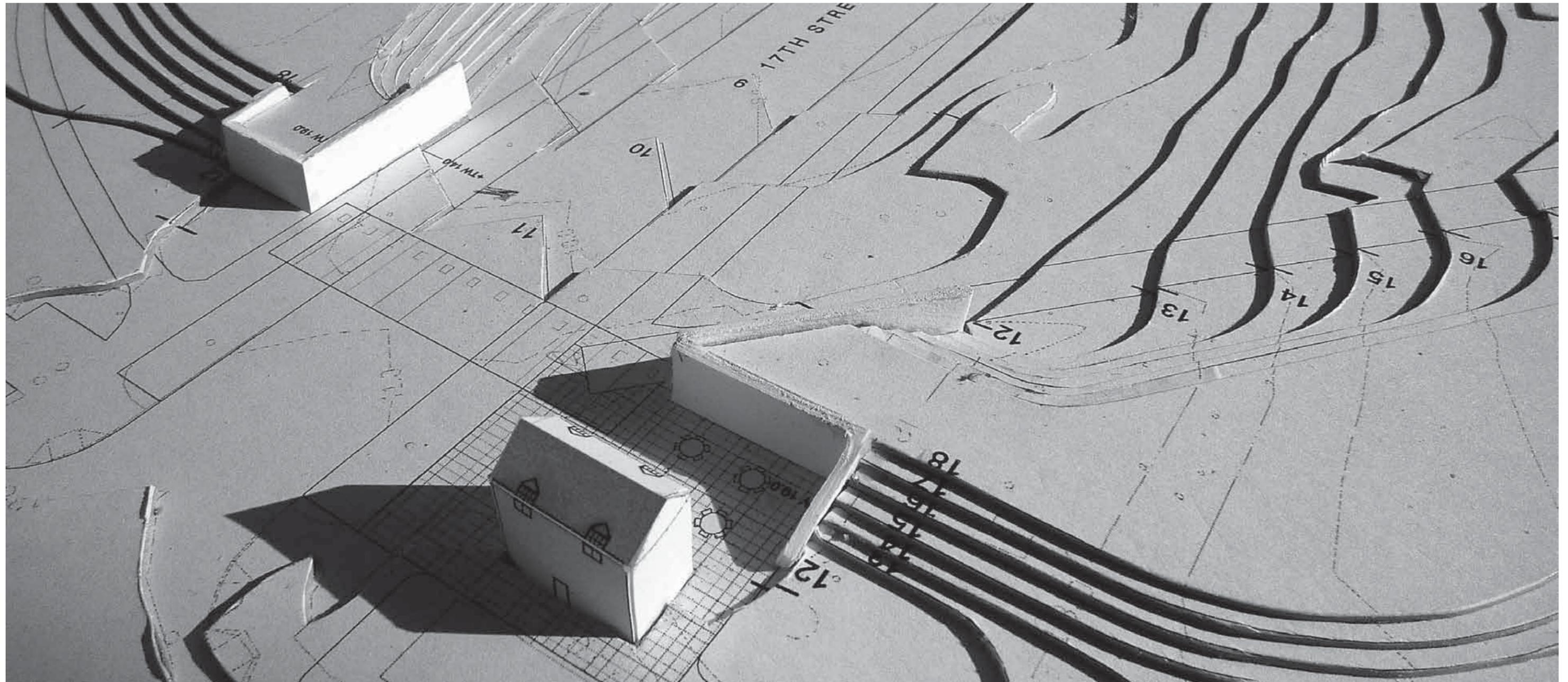
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Option 2A - Model Photos

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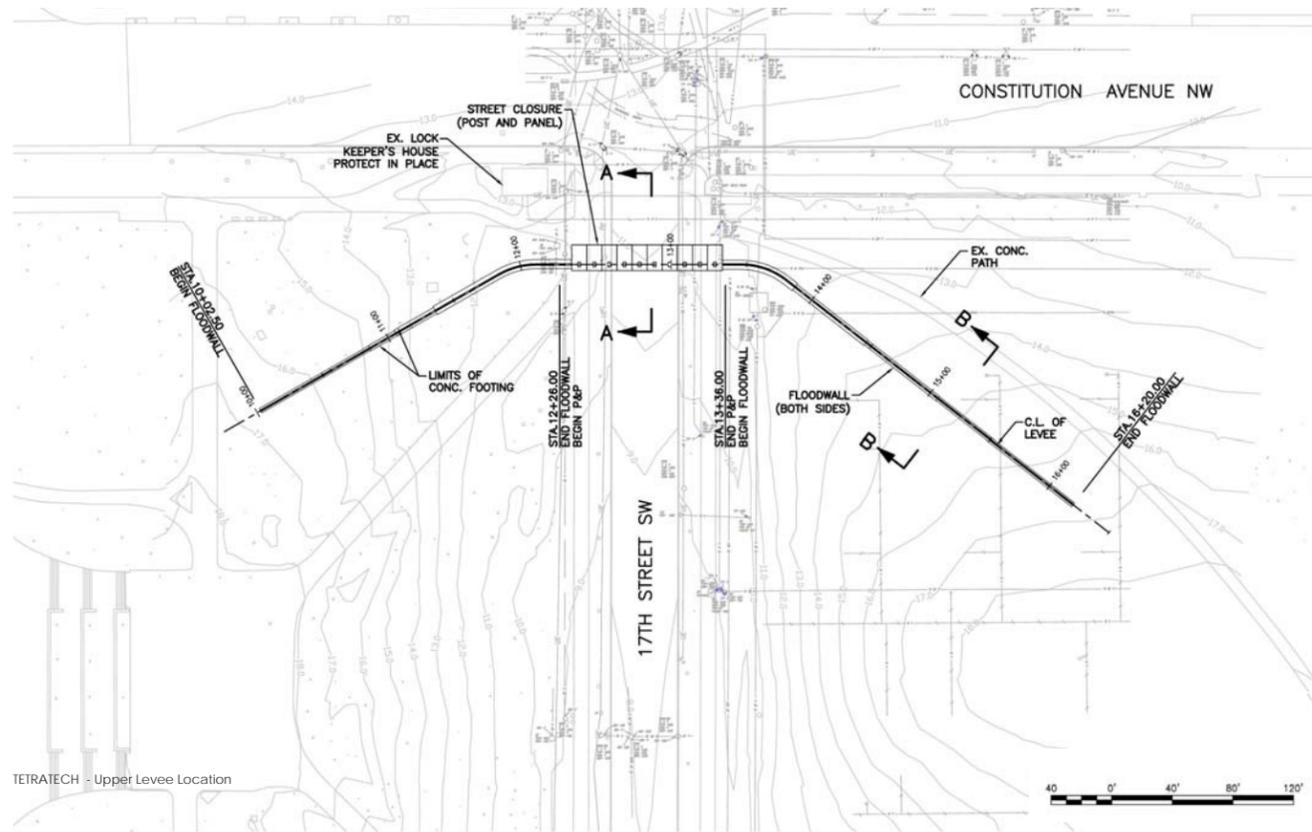
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Potomac Park OPTION 2B

Symmetric Gate Walls





Lock Keeper's House at Constitution Avenue and 17th Street



Bullfinch Gatehouse at Constitution Avenue and 17th Street

Potomac Park Levee Project

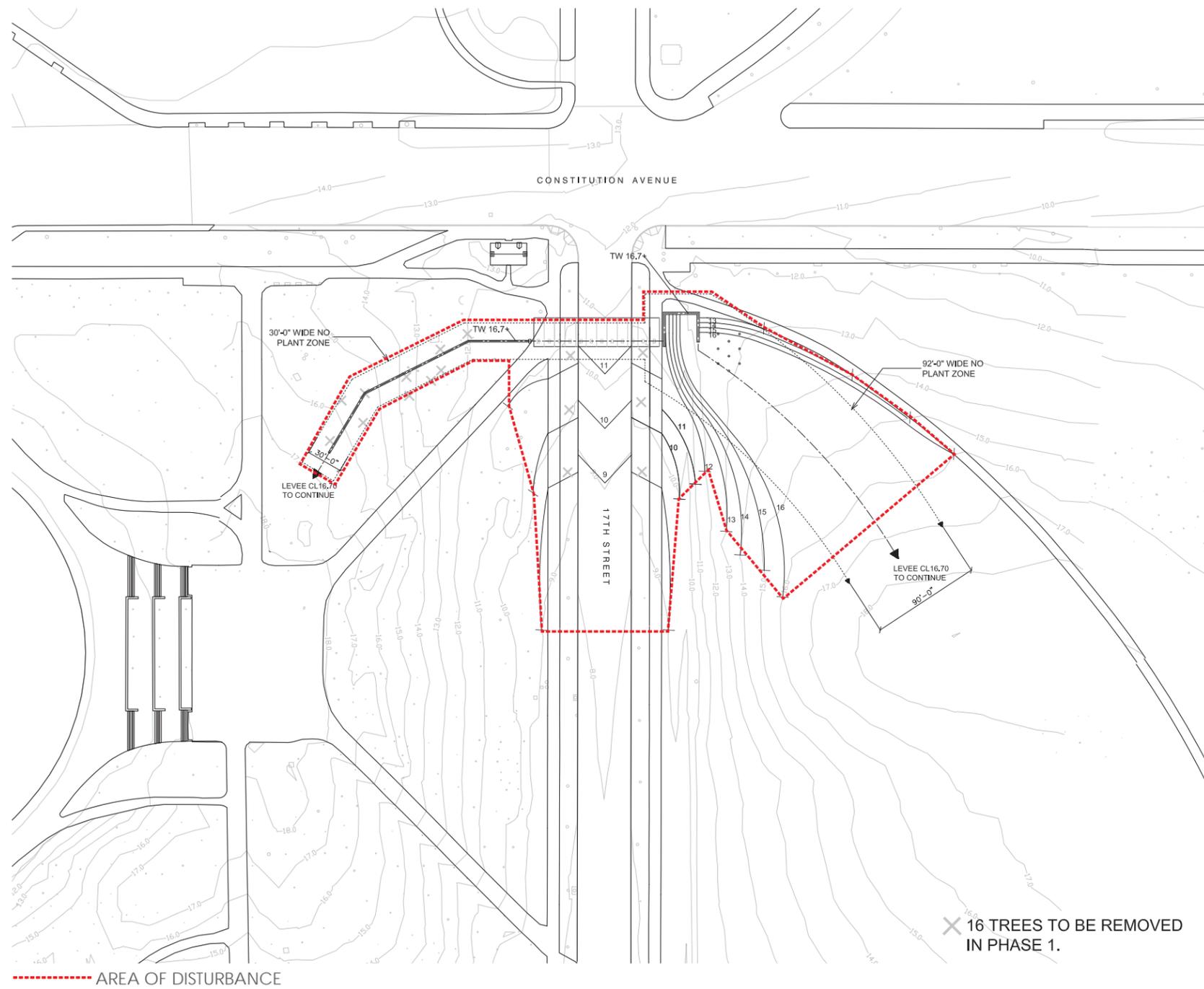
Option 2B - SYMMETRIC GATE WALLS



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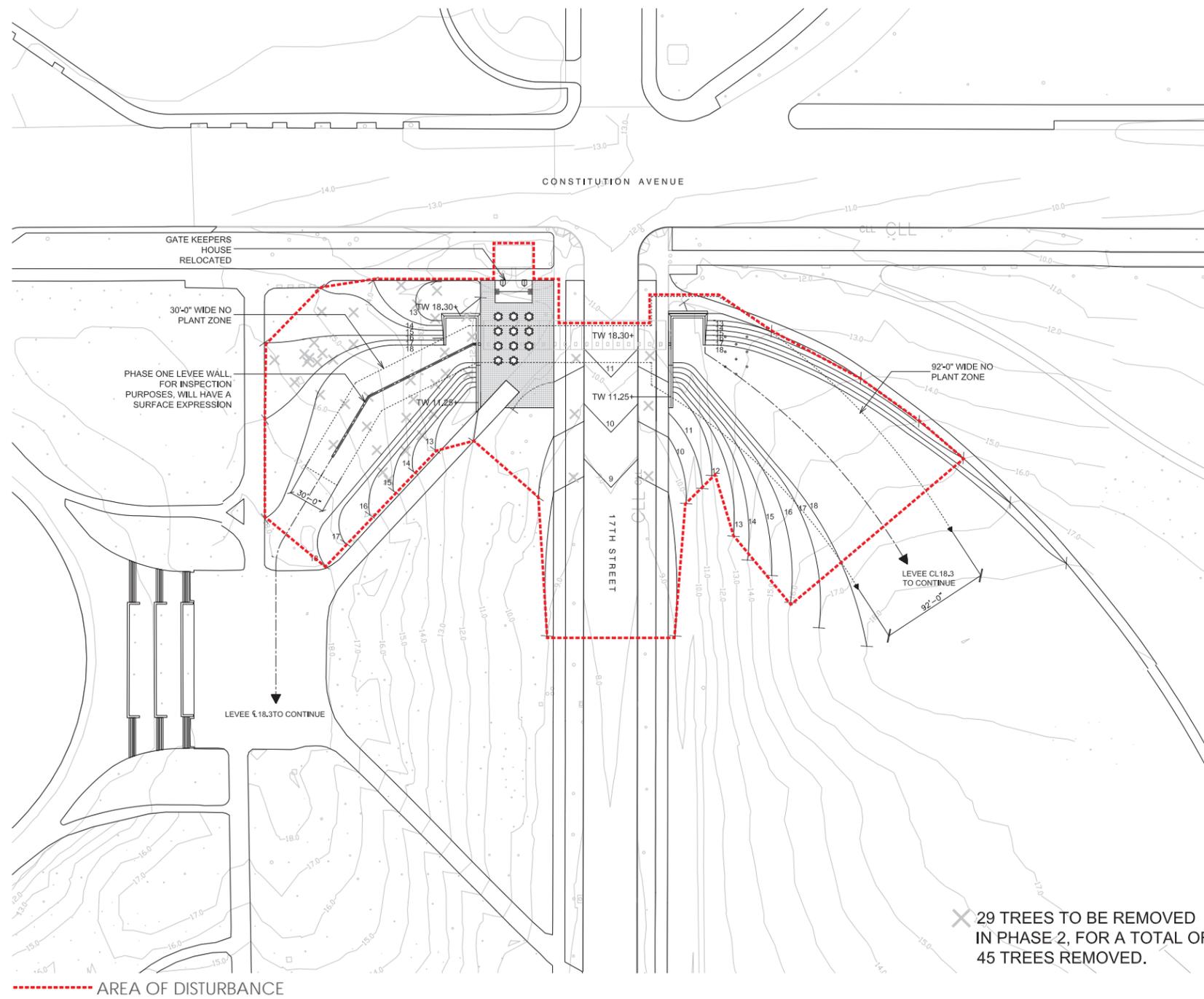
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 Date: 19 AUGUST 2008
 Scale: 1"=50'
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POTOMAC PARK OPTION 2B PHASE 1 0825.02 - 16.7

✕ 16 TREES TO BE REMOVED
IN PHASE 1.





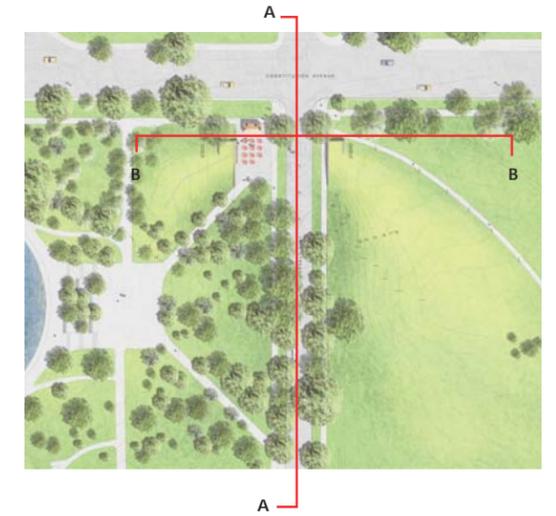
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POTOMAC PARK OPTION 2B PHASE 2 - 18.3
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✕ 29 TREES TO BE REMOVED
 IN PHASE 2, FOR A TOTAL OF
 45 TREES REMOVED.



Section A



Section B



Aerial Oblique - Post and Panel Down



Aerial Oblique - Post and Panel in Place



Street View East Along Constitution Avenue



Street View West Along Constitution Avenue



View East From Within Gate Keeper Plaza



Street View East Along Constitution Avenue



Street View West Along 17th Street



View North-East Along 17th Street



Street View North Along 17th Street

Potomac Park Levee Project

Option 2B - Perspectives

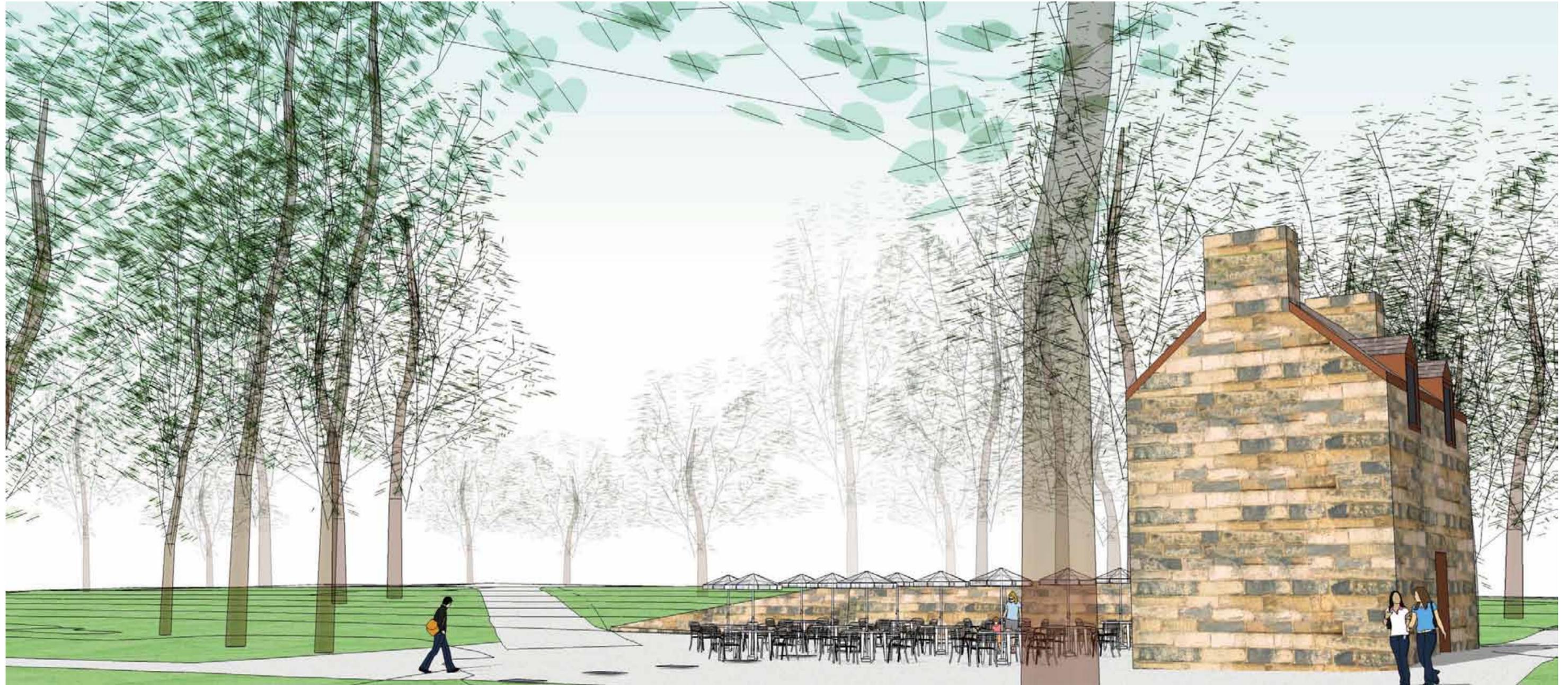
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Aerial Oblique - Post and Panel Down



Potomac Park Levee Project

Option 2B - Perspective



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Potomac Park Levee Project

Option 2B - Plan Rendering



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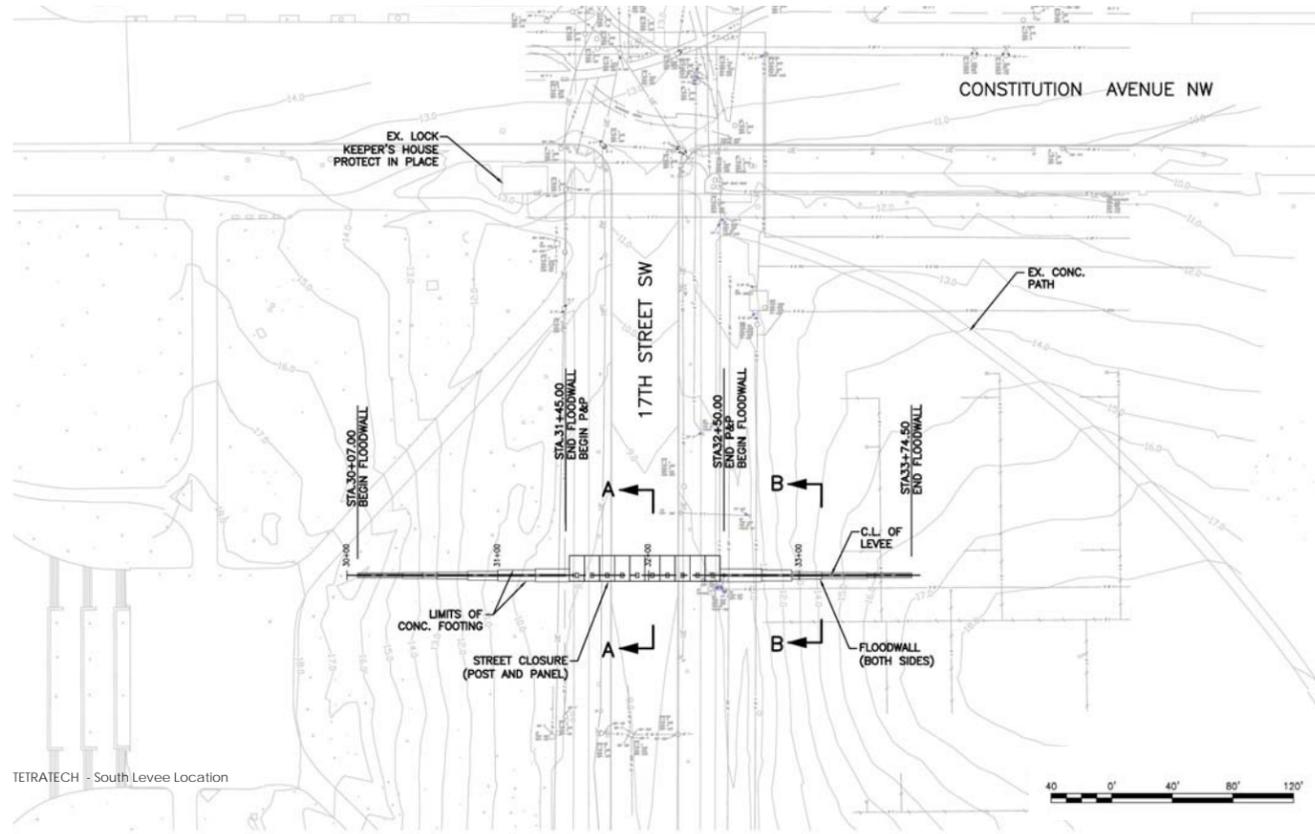


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Potomac Park OPTION 3

Constitution Garden Walls





TETRATECH - South Levee Location



Potomac Park Levee Project

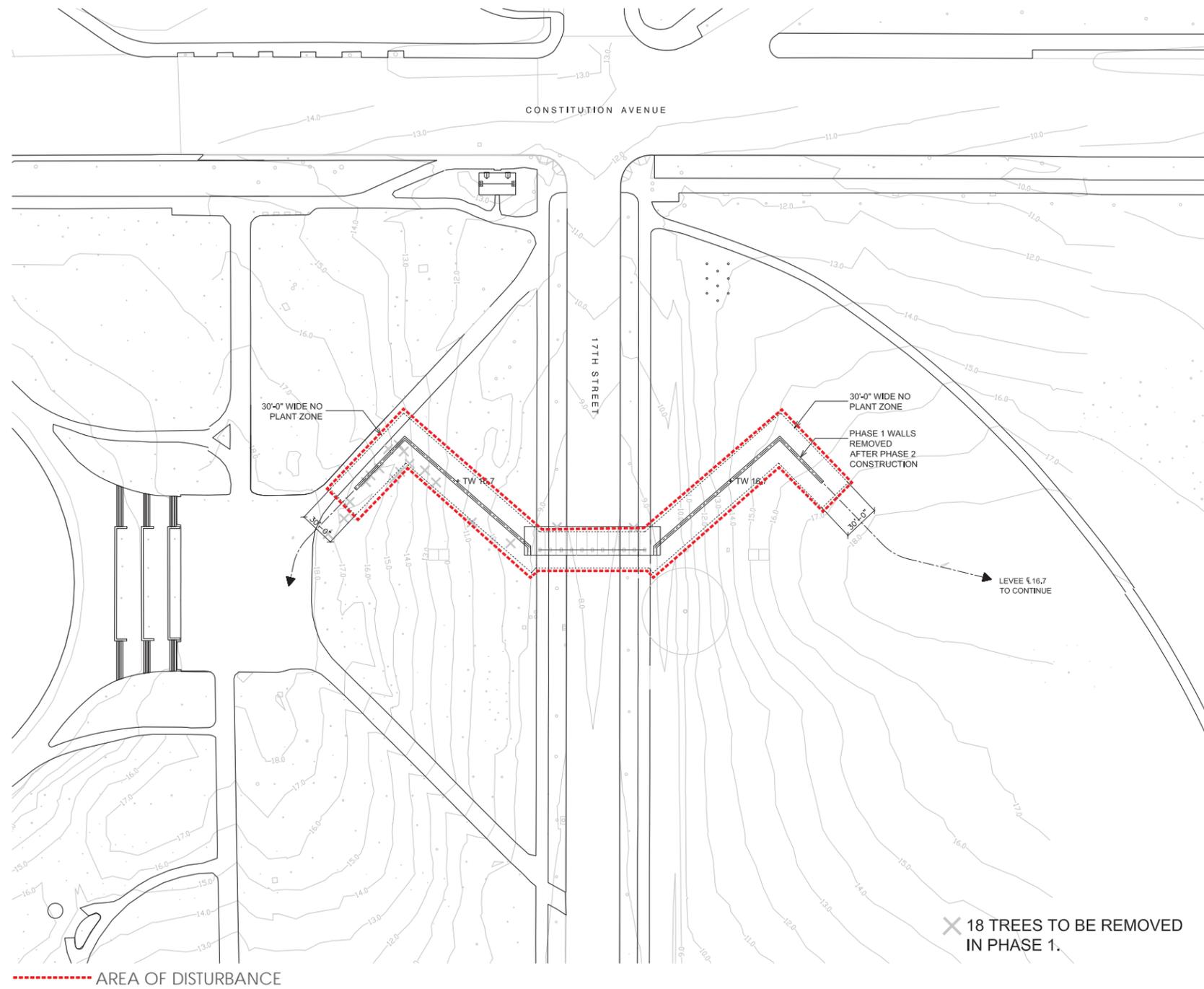
Option 3 - CONSTITUTION GARDEN WALLS



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OPTION 3

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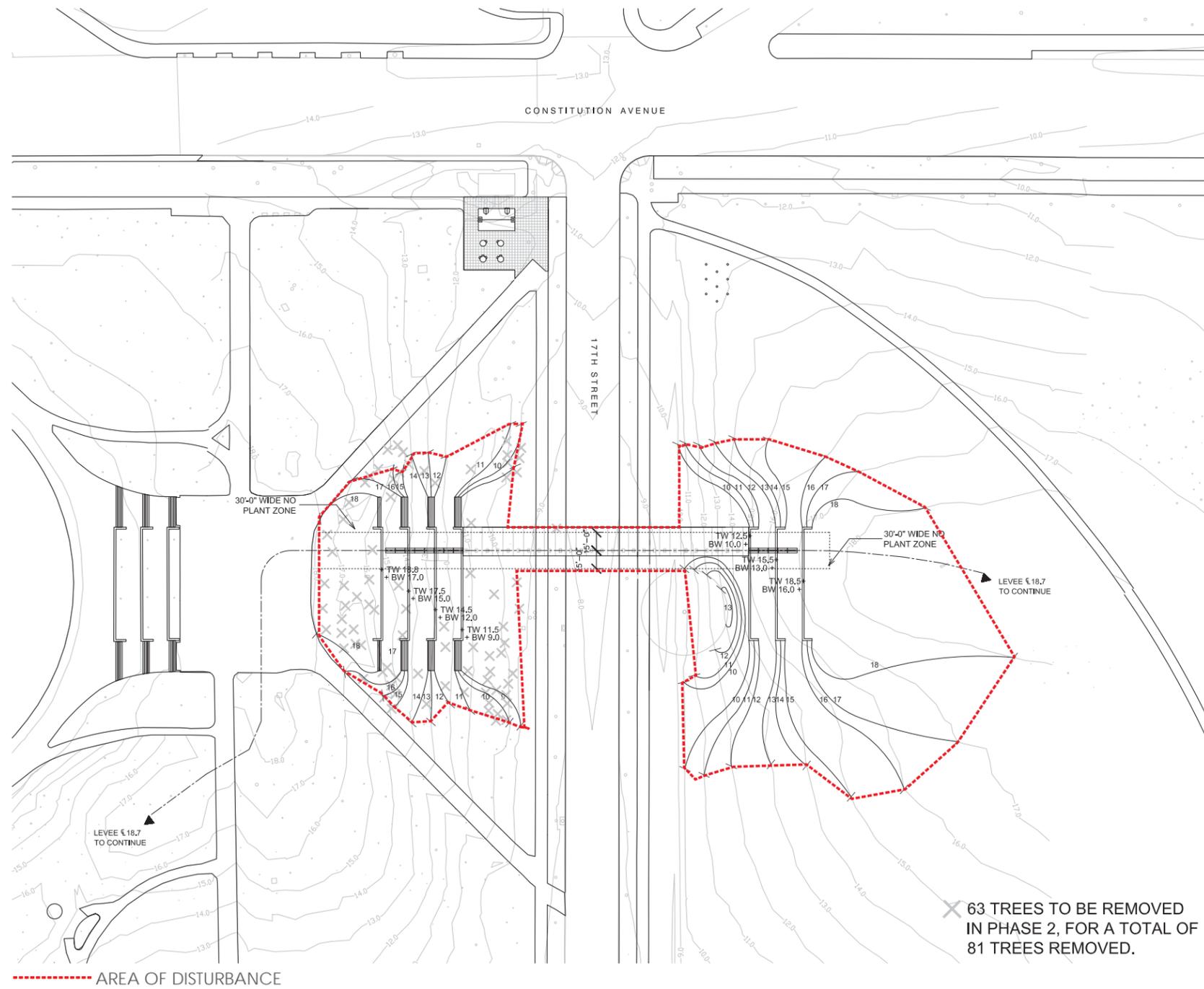
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✕ 18 TREES TO BE REMOVED
IN PHASE 1.



Drawing No.: OPTION 3

Date: 19 AUGUST 2008
Scale: 1"=50'

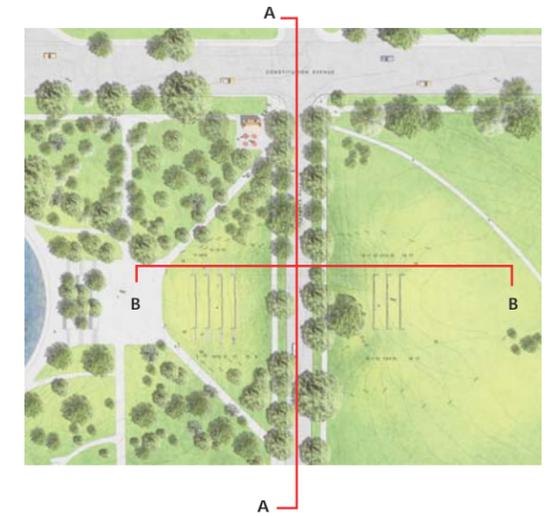
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POTOMAC PARK OPTION 3 PHASE 2 0825.02 - 18.3

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63 TREES TO BE REMOVED
IN PHASE 2, FOR A TOTAL OF
81 TREES REMOVED.

----- AREA OF DISTURBANCE



Section A



Section B

Potomac Park Levee Project

Option 3 - Phase 2 Sections



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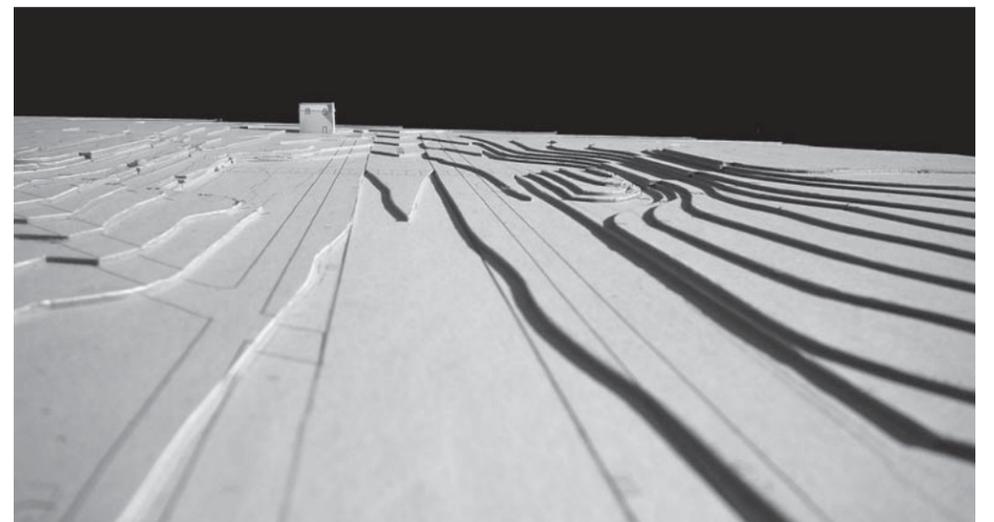
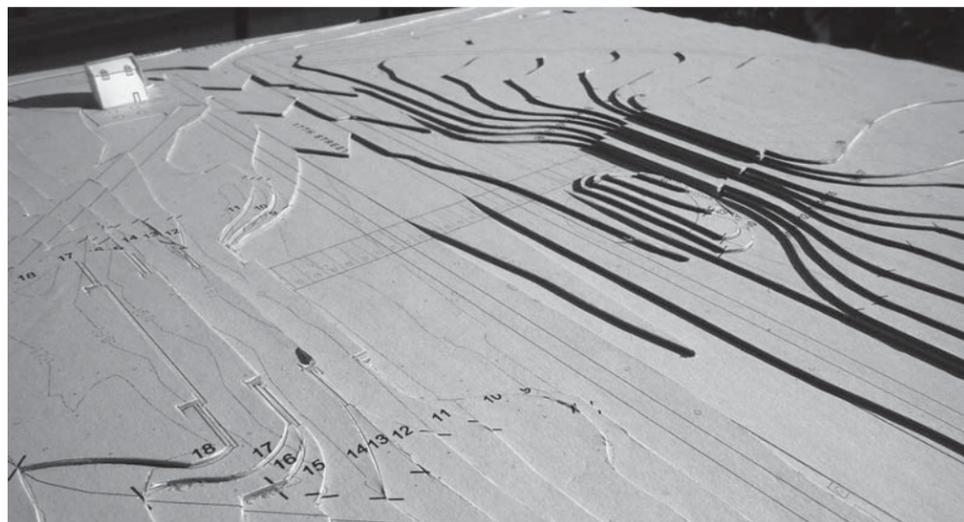
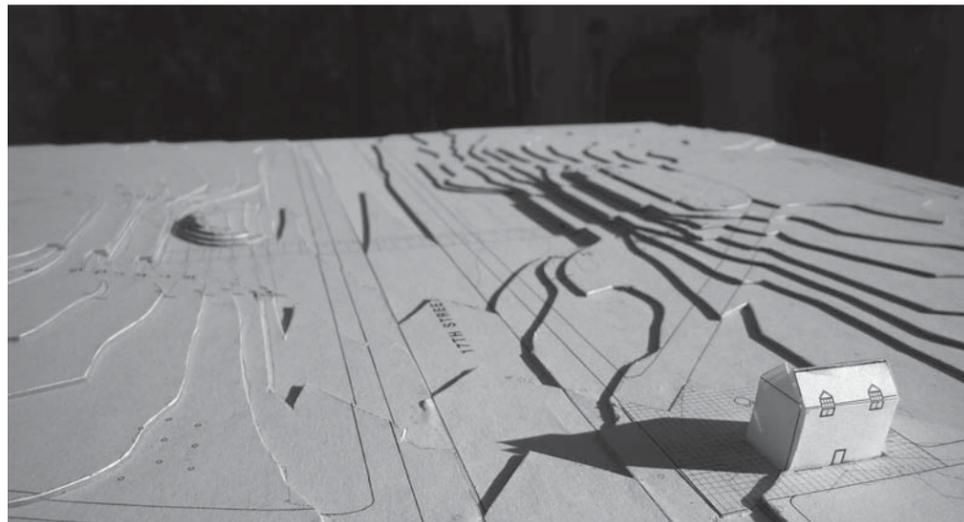
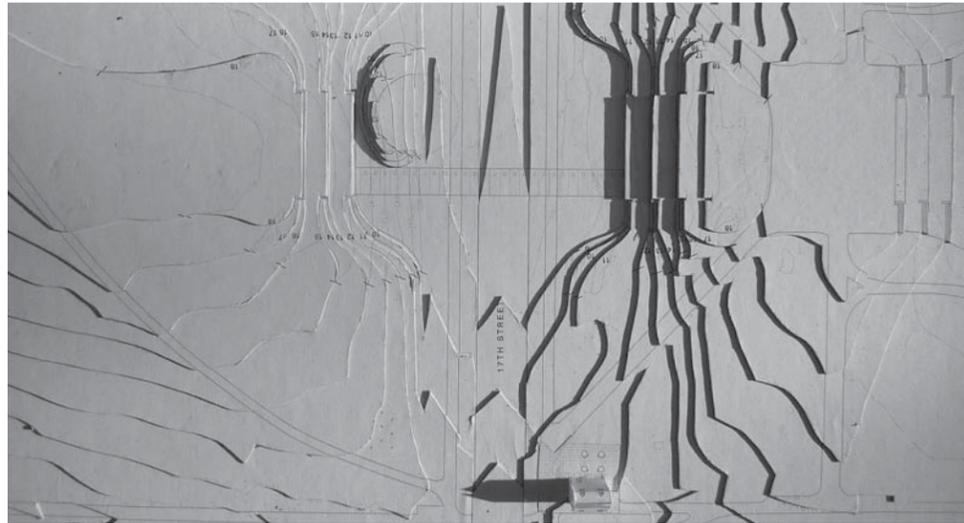
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17th Street Looking South at Constitution Avenue



17th Street Looking South at Constitution Avenue



Potomac Park Levee Project

Option 3 - Model Photos

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Potomac Park 4

OPTION

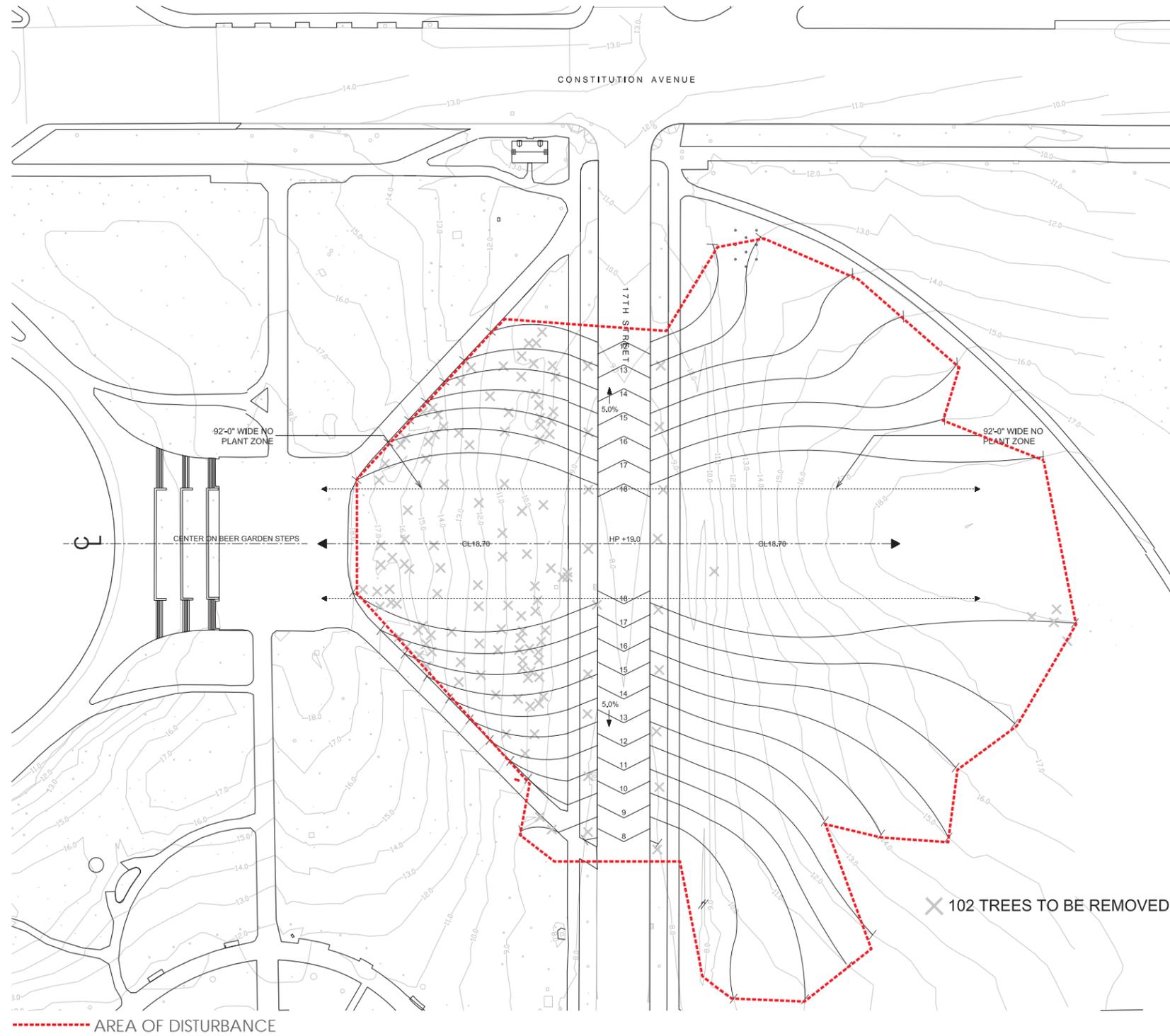
Land Bridge



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Option 1A V2



OPTION 4

Drawing No.: **OPTION 4**
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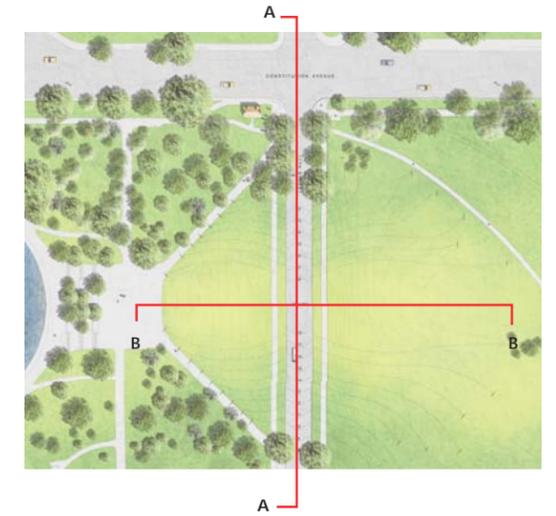
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POTOMAC PARK OPTION 4 0825.02 - 18.3

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Section A



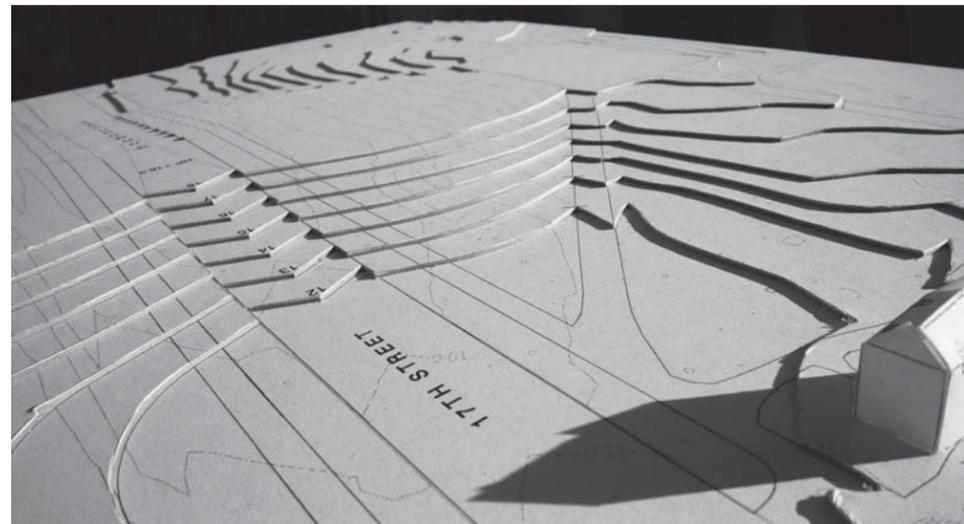
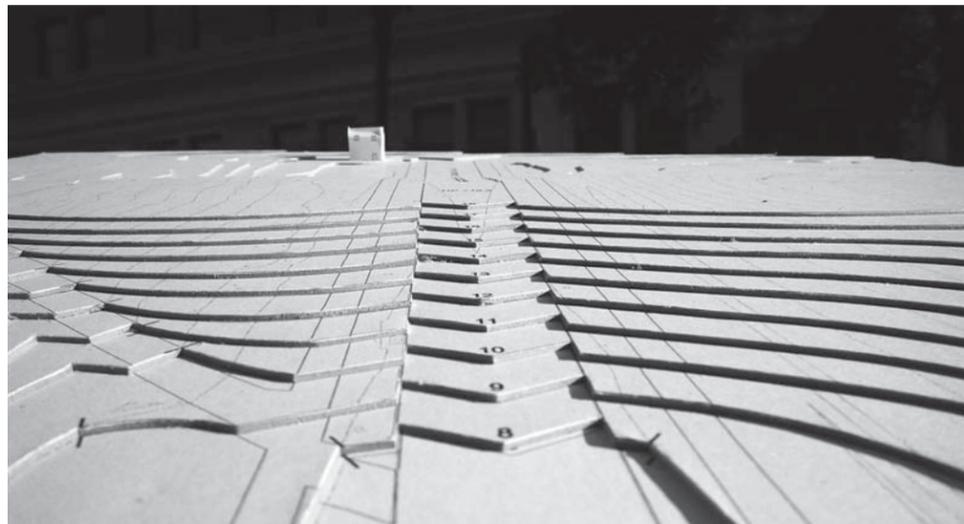
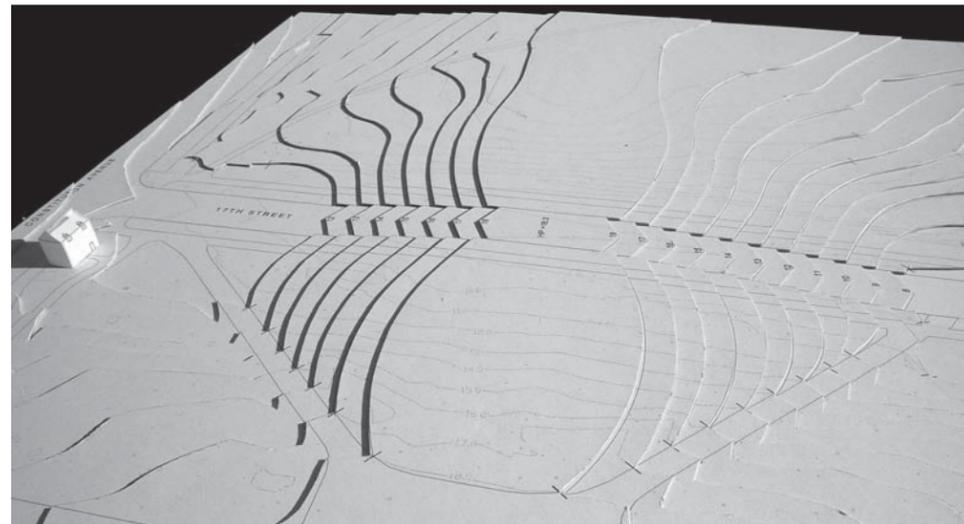
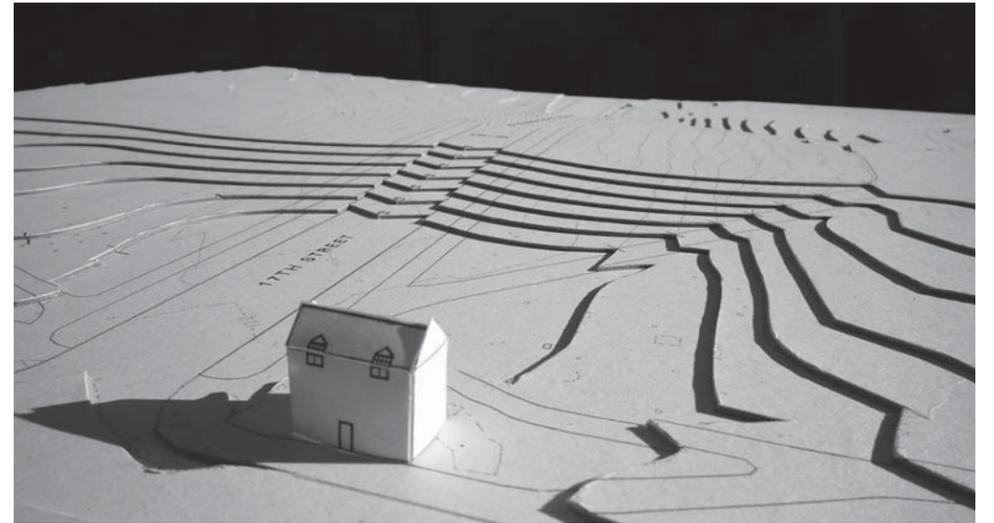
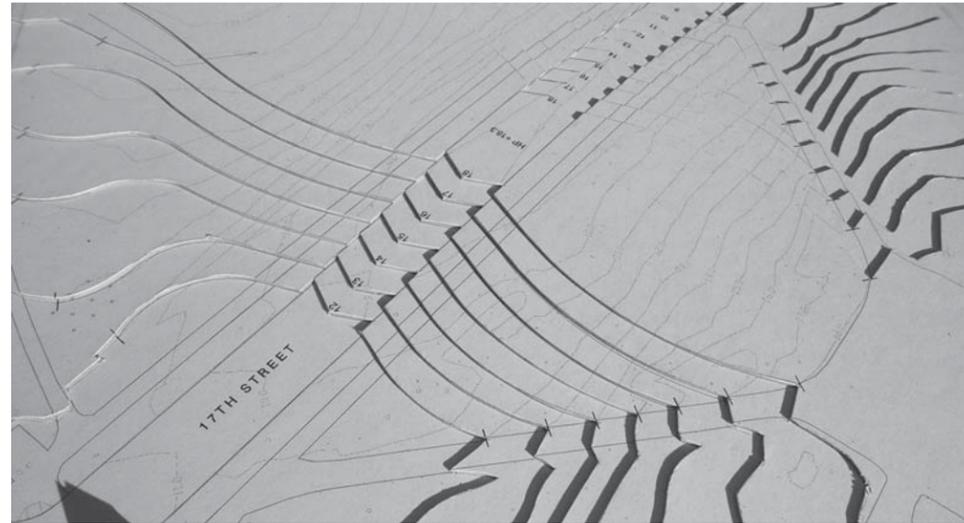
Section B



17th Street Looking South at Constitution Avenue



17th Street Looking South at Constitution Avenue



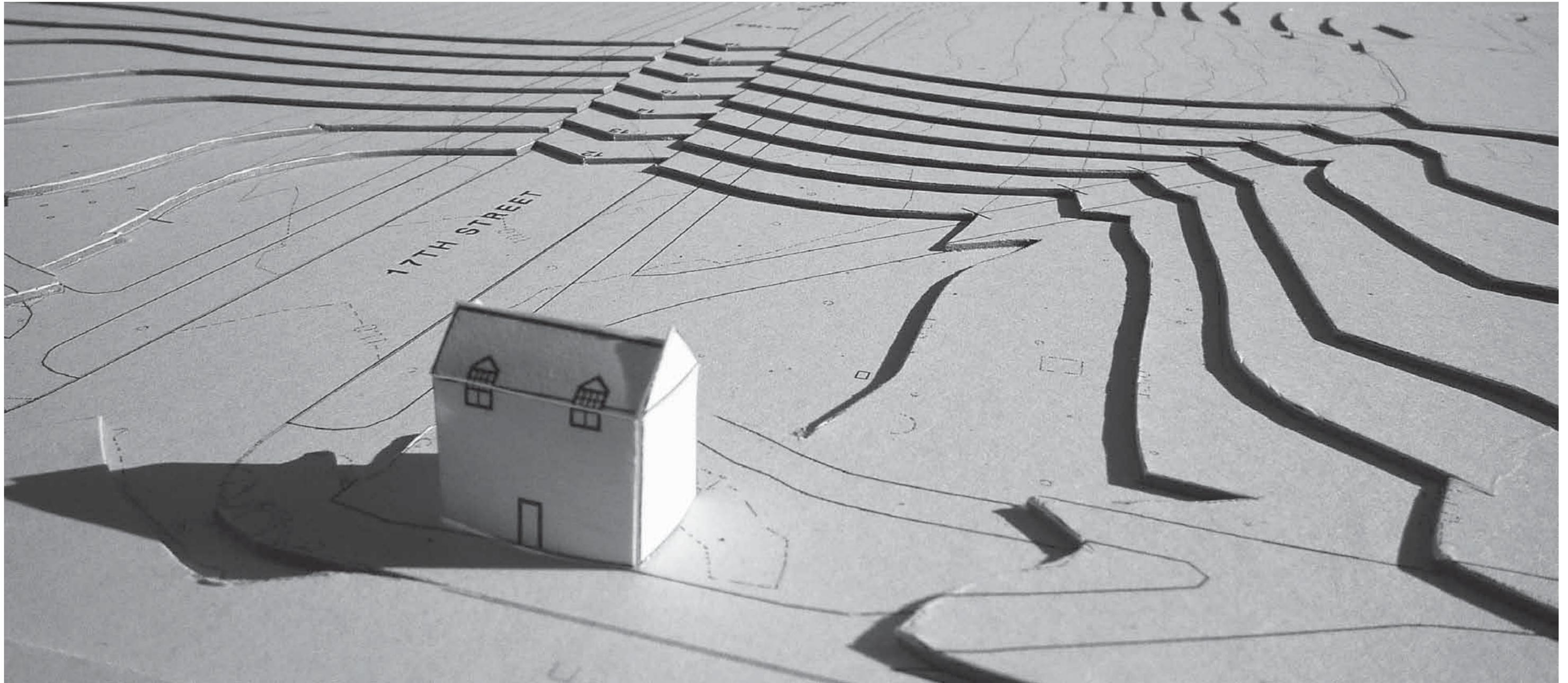
Potomac Park Levee Project

Option 4 - Model Photos

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Potomac Park OPTION 5

Culvert/Jersey Barriers





Potomac Park Levee Project

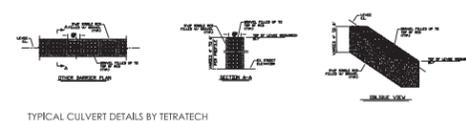
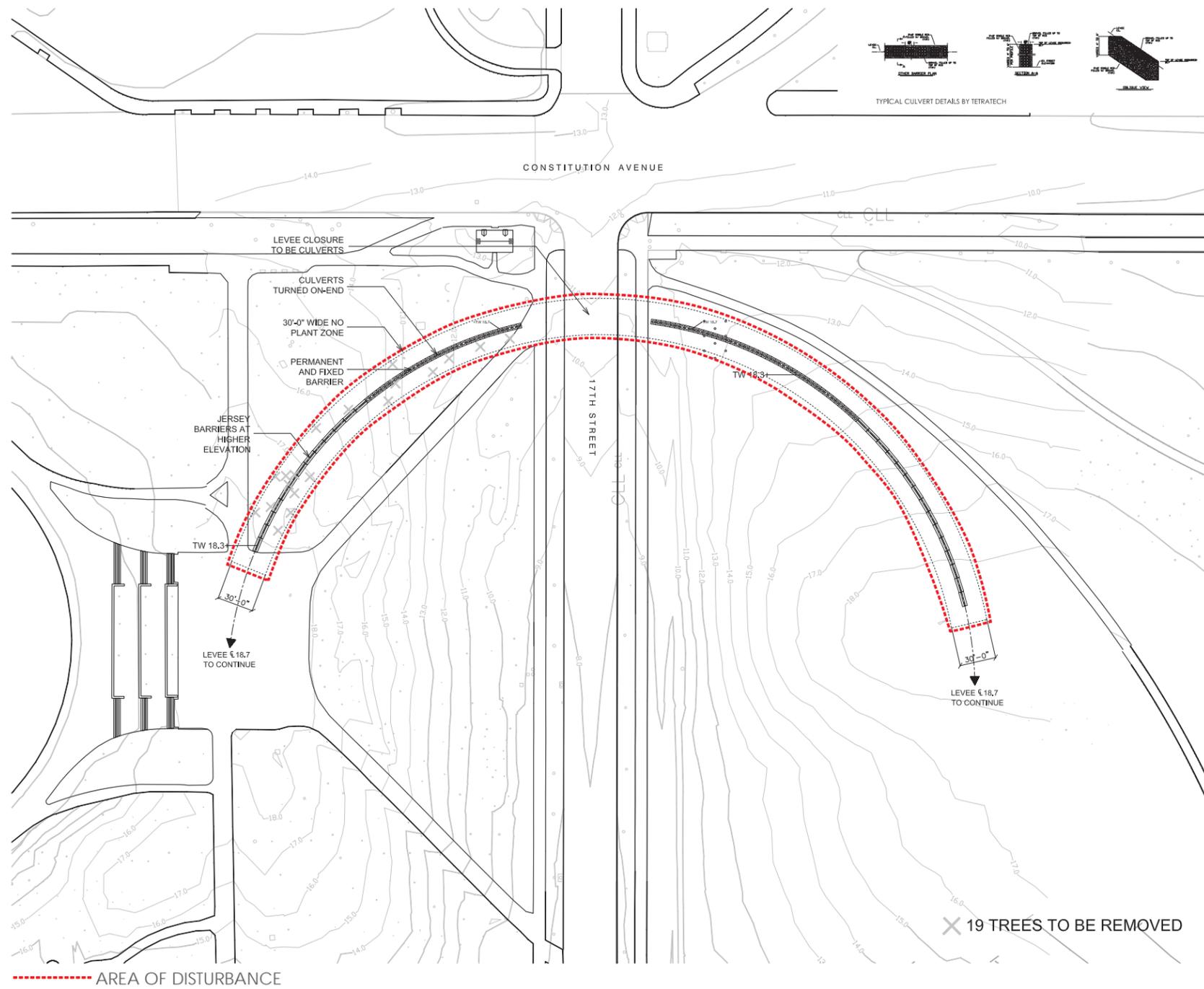
Option 5 - CULVERTS + JERSEY BARRIERS



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Drawing No.: **OPTION 5**
 Date: 19 AUGUST 2008
 Scale: 1"=50'
 North Arrow
 OlinPartnership
 Public Ledger Building, Suite 1123
 150 South Independence Mall West
 Philadelphia, PA 19106, USA
 +1-215 440.0030
POTOMAC PARK OPTION 5 0825.02 - 18.3
 Y:\Projects\2008\0825 Potomac Park\CADD\OMP\Olin Sketch Files\Plans\080819 Meeting\080804 Option 5.dwg

X 19 TREES TO BE REMOVED





17th Street Looking South at Constitution Avenue



17th Street Looking South at Constitution Avenue

Potomac Park Levee Project

Option 5 - CULVERTS + JERSEY BARRIERS Perspective Sketch

OlinPartnership



AUGUST 19 2008

1810

1872



Washington DC Canal History

This segment of Constitution Avenue west of Pennsylvania Avenue was once the Washington Canal.

Construction on the canal, which was part of Pierre L'Enfant's original plan for the city, began in 1810. Tiber Creek was transformed into the Washington Canal, which ran along what is today Constitution Avenue, eventually working its way towards the U.S. Capitol. It is believed that early city plans called for an extensive network of canals snaking through the Northeast corridor of the United States. In 1872 the canal was filled in; it had become common for Washington residents to throw their garbage into it and the unsanitary conditions became a health concern. Additionally, plans for an extensive canal system were abandoned around this time in favor of a railroad system that would connect Washington to the West. These plans were not successful; after completion of the B&O Railroad, city officials abandoned their plans for a rail system. The canal was filled and paved over.



