

Estimate Summary Analysis - Portion Attributed as Closure Costs versus Site Amenities 2017 versus 2012
 Prepared by: Arcadis and Slocum Construction Consulting, Inc.
 Quarry Park

<u>Item Description</u>	<u>5/26/2017 Total Cost</u>	<u>6/29/2012 Total Cost</u>
General Requirements		
Closure Items	\$131,964	\$91,915
Removals		
Closure Item	\$57,357	\$19,170
Closure Fill & Grading		
Closure Item (see note 1)	\$824,947	\$516,785
Site Preparation		
Closure Item	\$136,591	\$15,525
Planting		
Closure Item	\$117,488	\$106,059
Amenity Item	\$114,349	\$98,678
Pavement		
Closure Item	\$39,253	\$43,995
Site Improvements		
Amenity Item	\$18,199	\$15,960
Drainage/Infiltration		
Closure Item	\$65,651	\$77,500

Closure Item		<i>5/26/2017</i>	<i>6/29/2012</i>
Amenity Item			
Full Estimate			
	Closure Items	\$1,373,250	\$870,949
	8% General Conditions	\$ 109,860	\$ 69,676
	Subtotal	\$1,483,110	\$940,625
	10% Overhead and Profit	\$ 148,311	\$ 94,062
	Subtotal	\$1,631,421	\$1,034,687
	5% Design Contingency	\$ 81,571	\$ 51,734
	Total Cost	\$1,712,992	\$1,086,422
	15% Construction Contingency	\$ 256,949	\$ 162,963
	Total Budget	\$1,969,942	\$1,249,385
	Amenity Items	\$132,548	\$269,318
	8% General Conditions	\$ 10,604	\$ 21,545
	Subtotal	\$143,152	\$290,863
	10% Overhead and Profit	\$ 14,315	\$ 29,086
	Subtotal	\$157,467	\$319,950
	5% Design Contingency	\$ 7,873	\$ 15,997
	Total Cost	\$165,340	\$335,947
	15% Construction Contingency	\$ 24,801	\$ 50,392
	Total Budget	\$190,141	\$386,339
	Full Estimate	\$1,505,797	\$1,140,267
	8% General Conditions	\$ 120,464	\$ 91,221
	Subtotal	\$1,626,261	\$1,231,488
	10% Overhead and Profit	\$ 162,626	\$ 123,149
	Subtotal	\$1,788,887	\$1,354,637
	5% Design Contingency	\$ 89,444	\$ 67,732
	Total Cost	\$1,878,331	\$1,422,369
	15% Construction Contingency	\$ 281,750	\$ 213,355
	Total Budget	\$2,160,082	\$1,635,724

Notes:

1) 2017 price assumes 300 BCY of fill has to go off site at cost of \$102,670.

If not cost of that staying on site is \$8,740 or savings of \$93,930

2) 5/26/17 estimate shifts horticultural soils (previously shown in Amenity package) to Closure Package to facilitate future plantings.

05-23-2017

MNLA

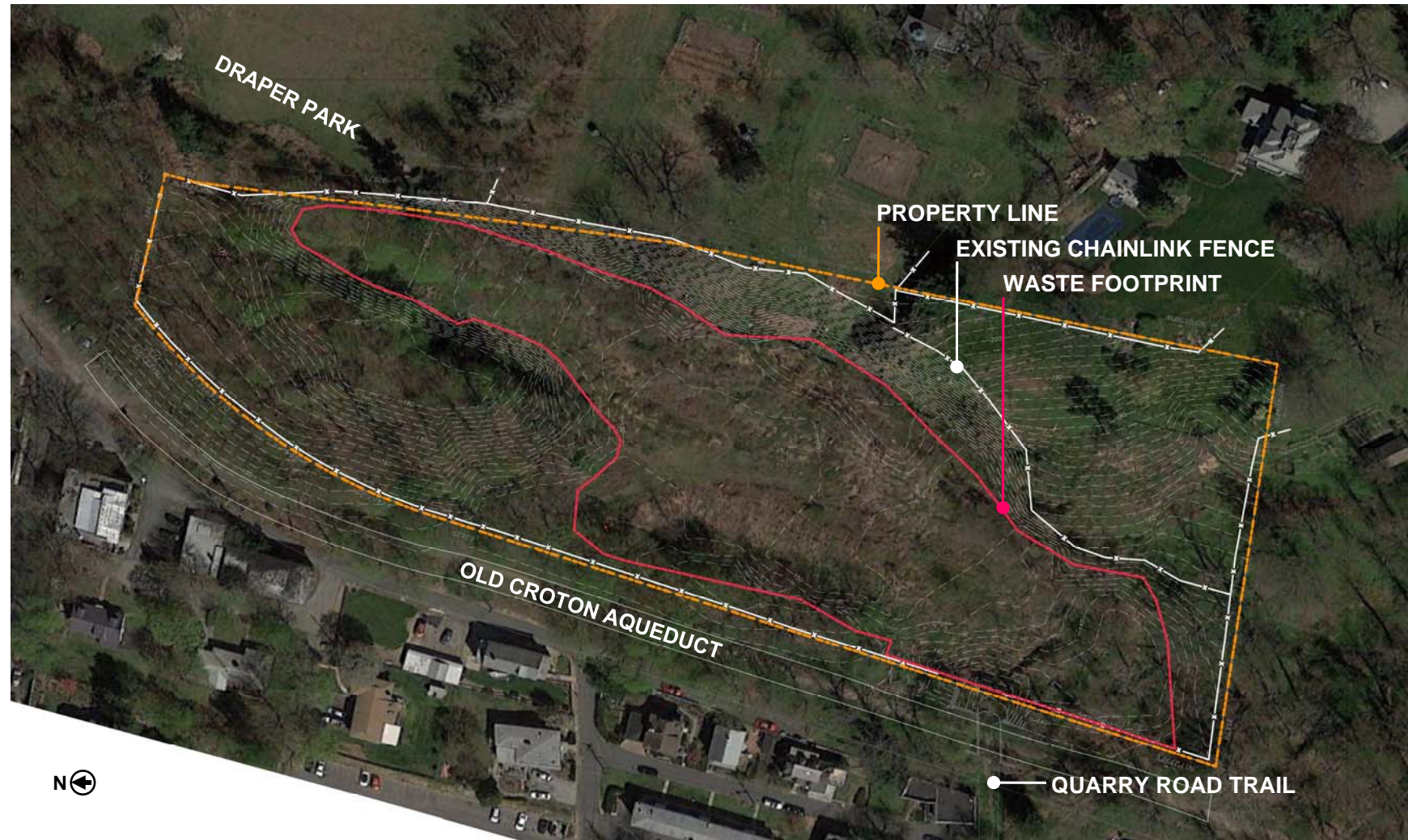
Quarry Park

50% Construction Documents Presentation

Mathews Nielsen Landscape Architects, P.C.



EXISTING CONDITIONS



TREE REMOVAL: Along Old Croton Aqueduct



1) View Looking East from Old Croton Aqueduct



2) View Looking South within Property Line



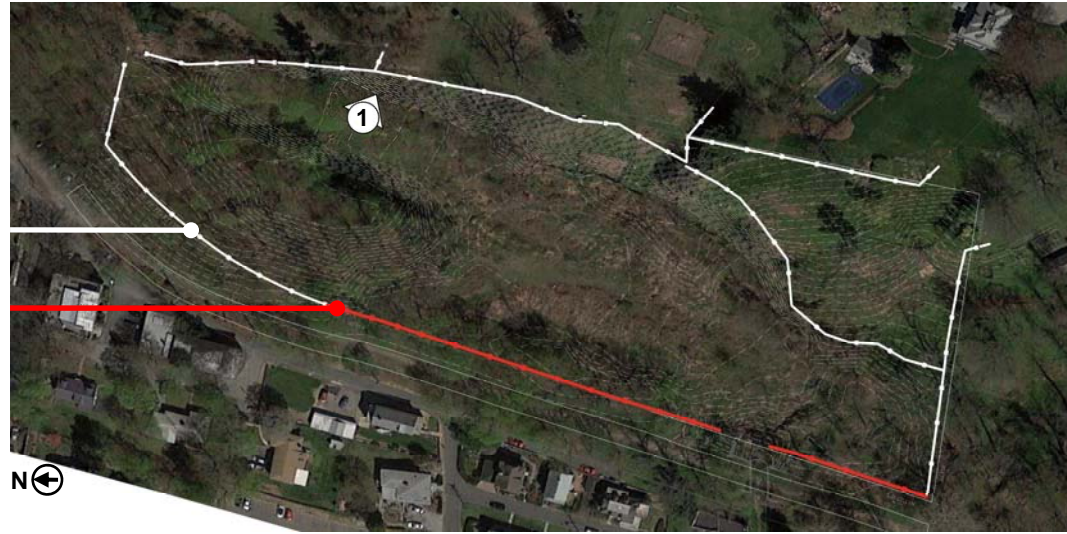
3) View Looking South Outside Property Line

TREE REMOVAL: Within the Quarry



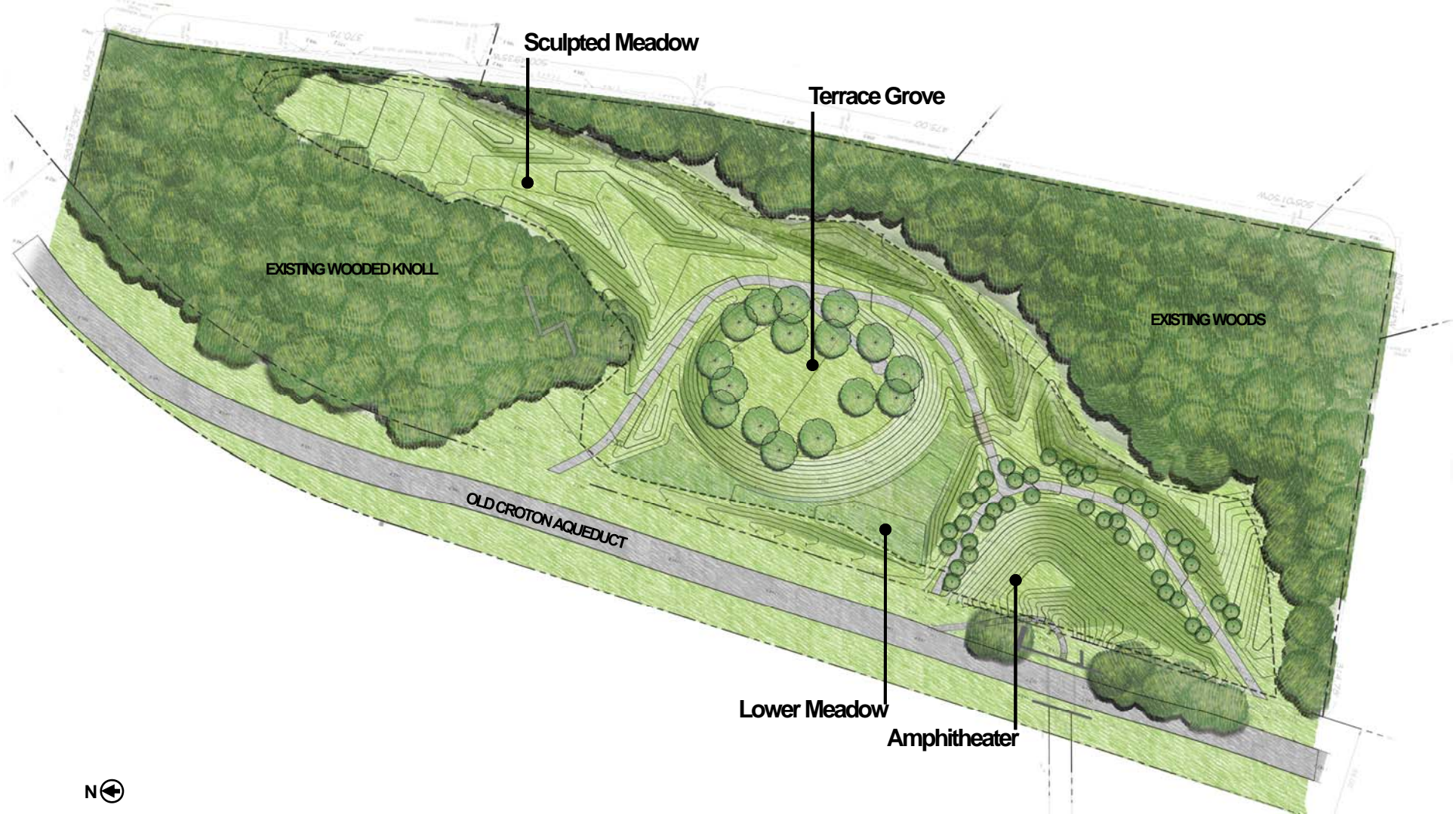
FENCE REMOVAL

Fence to Remain
Fence to be Removed

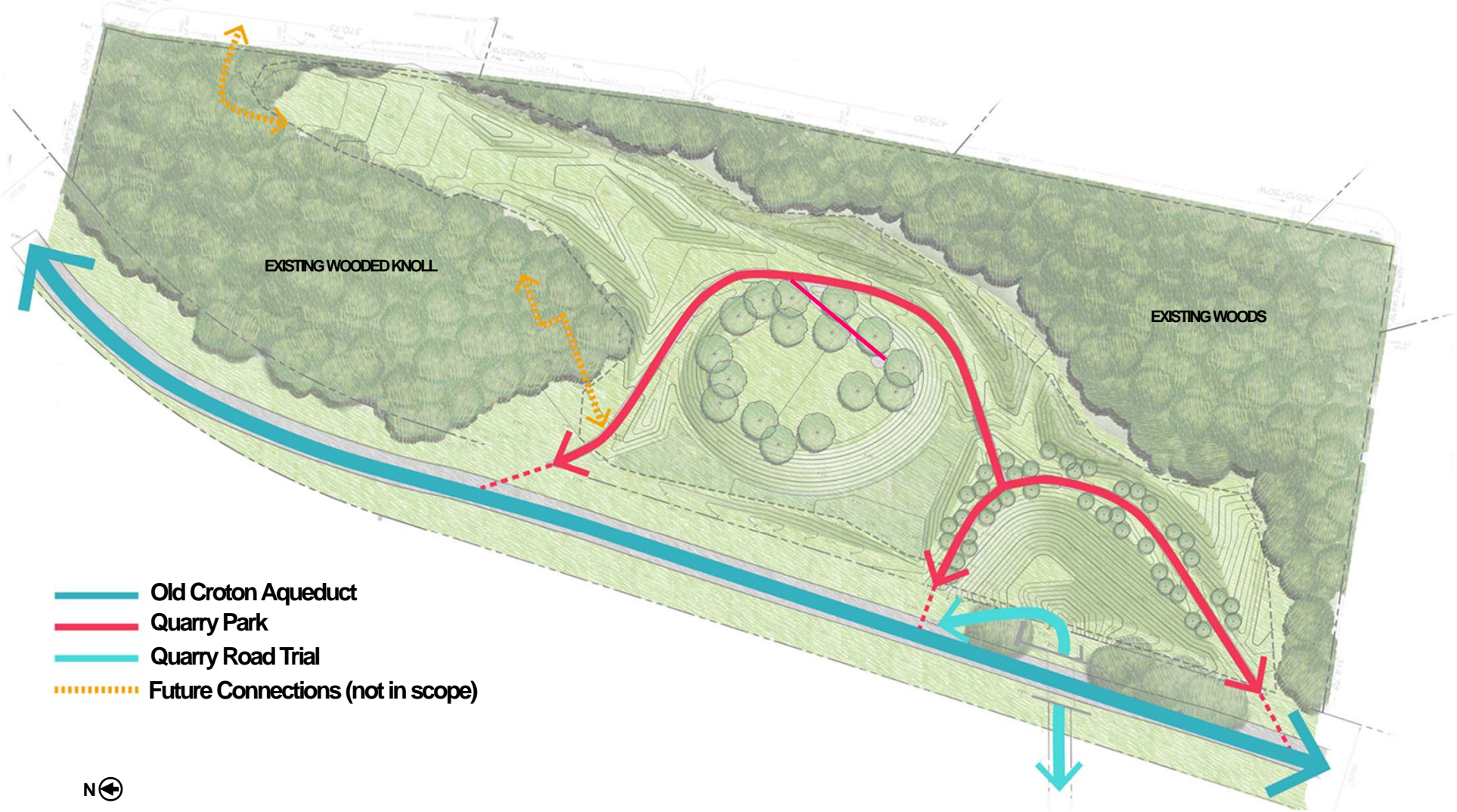


1) Existing Fence Along Draper Park

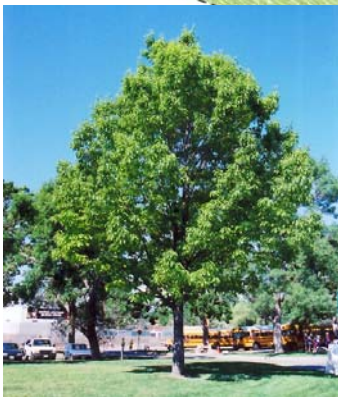
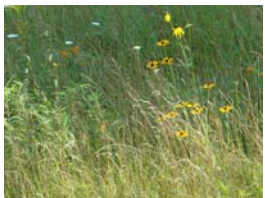
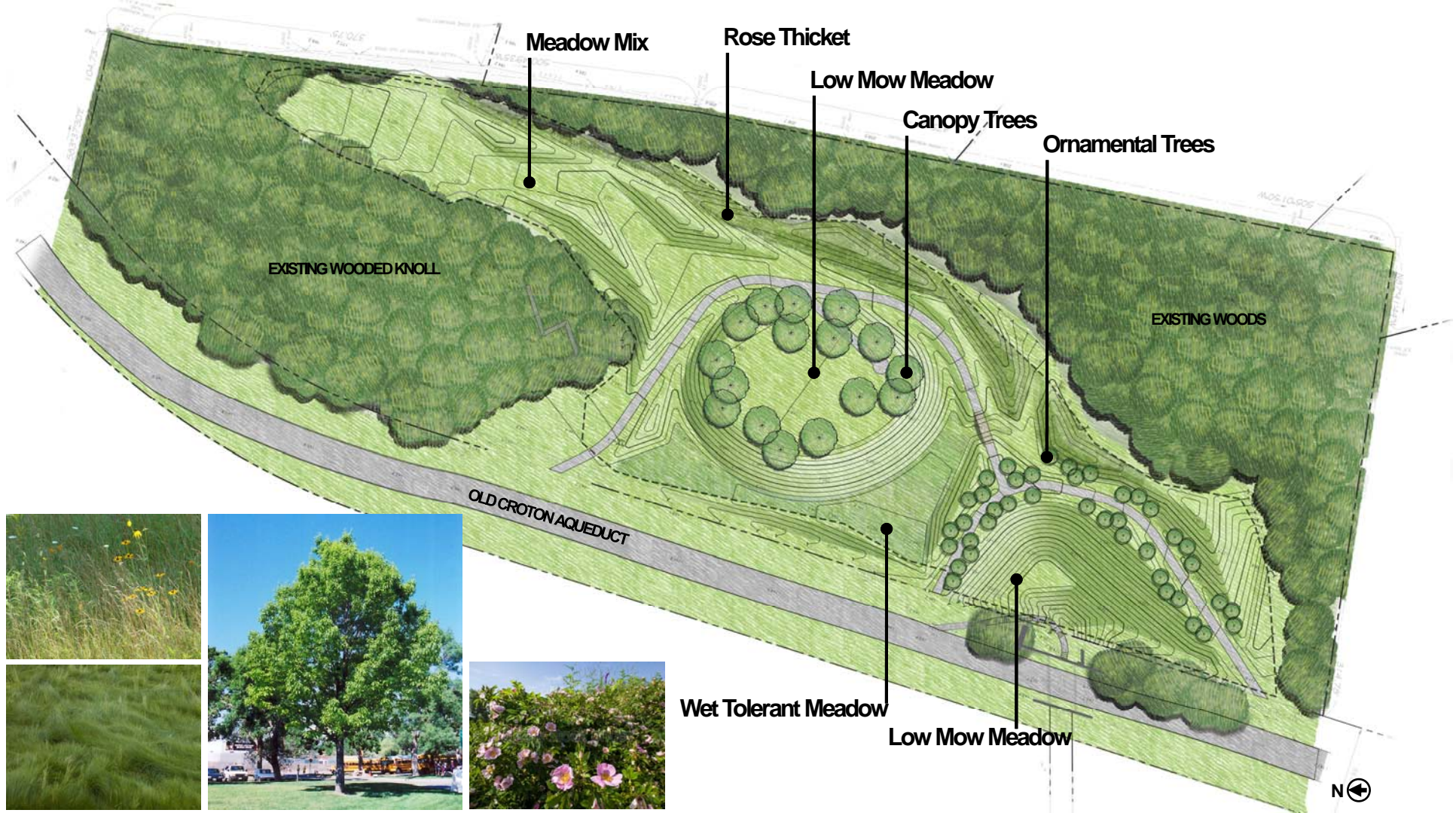
PROPOSED PLAN



PROPOSED CIRCULATION



PROPOSED PLANTING

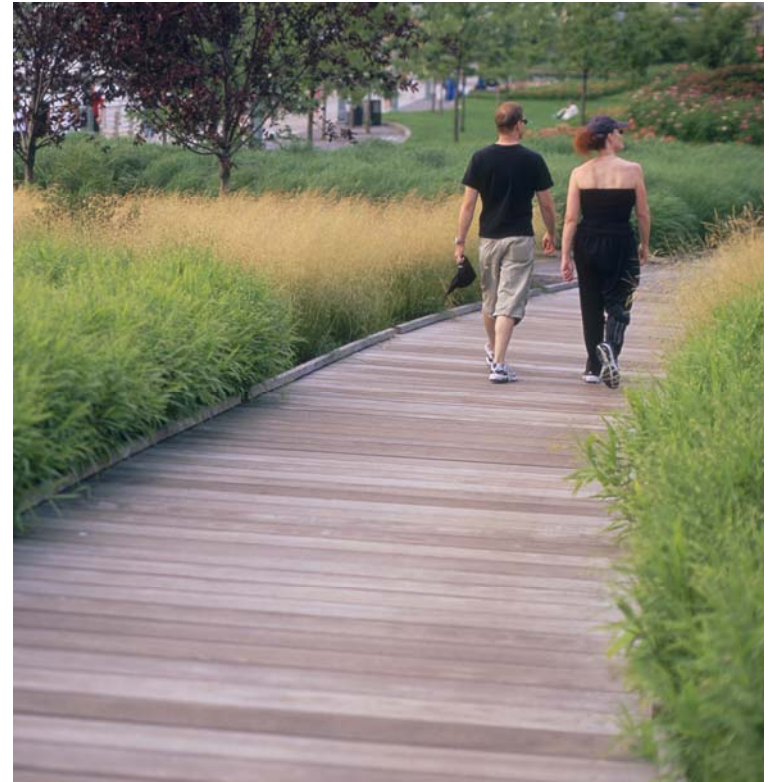


PROPOSED PATH MATERIALS



Asphalt Path

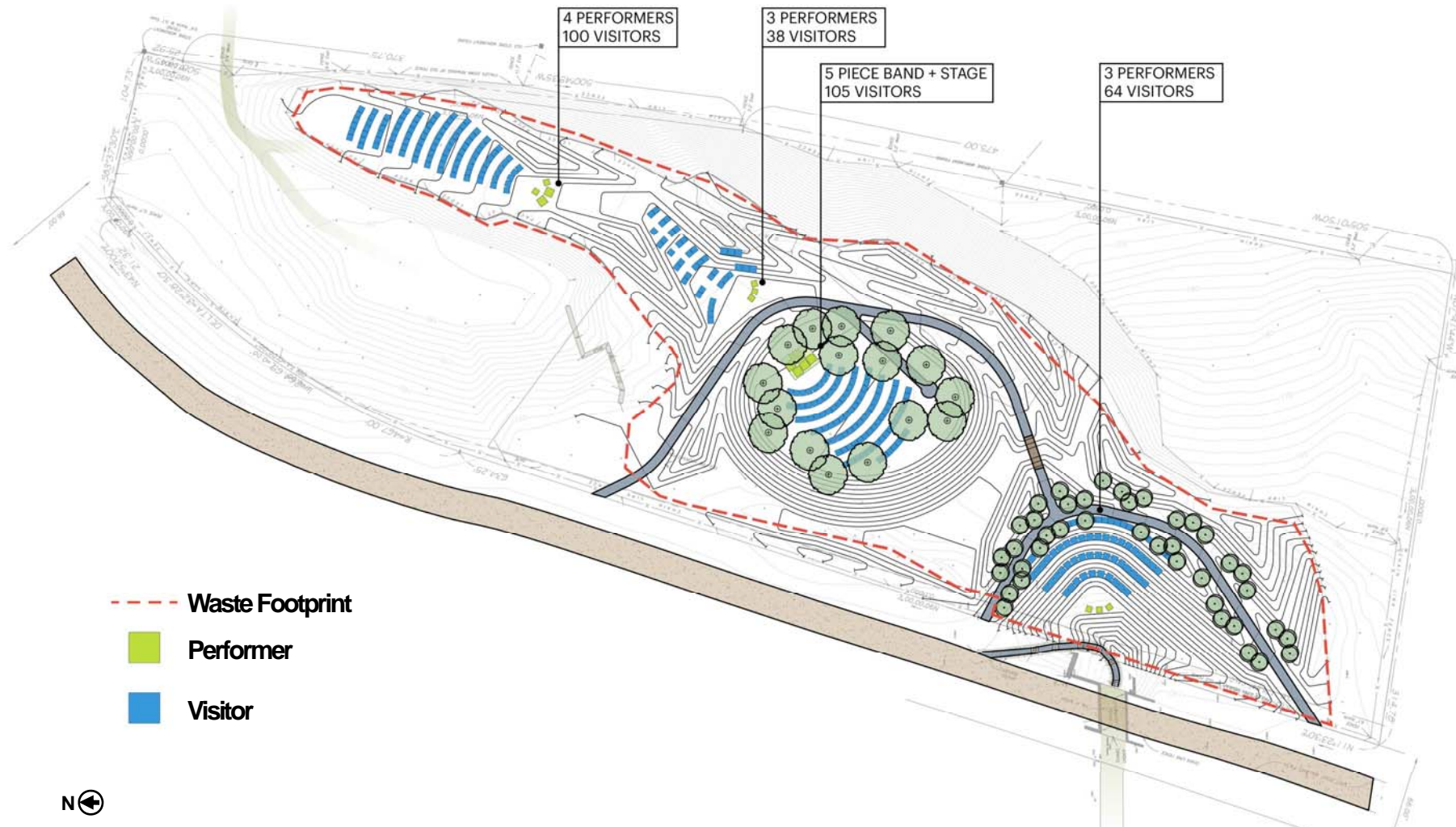
Ex: Penn Park, University of Pennsylvania, Philadelphia, PA



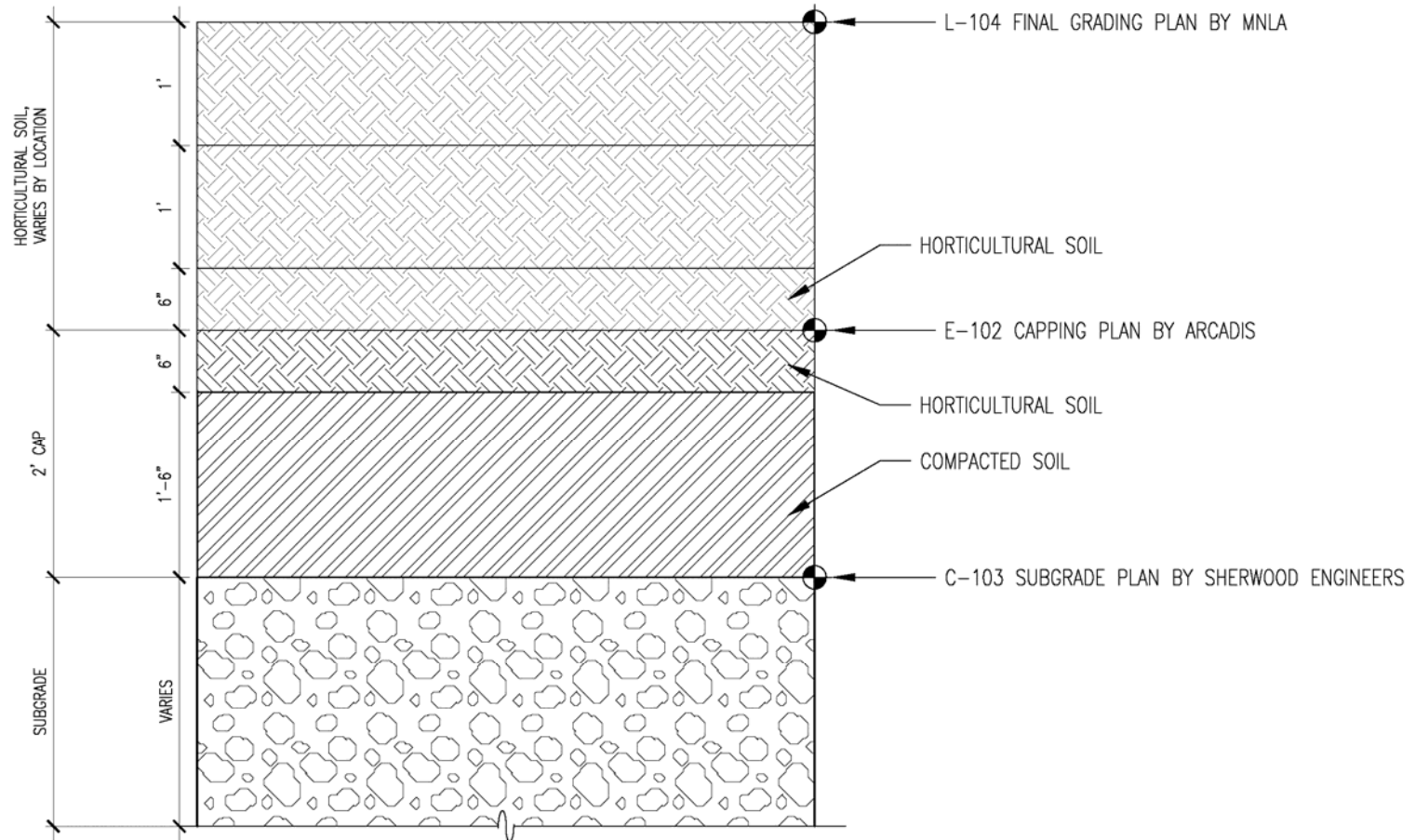
Wood Deck with Kick Rail

Ex: Hudson River Park, New York, NY

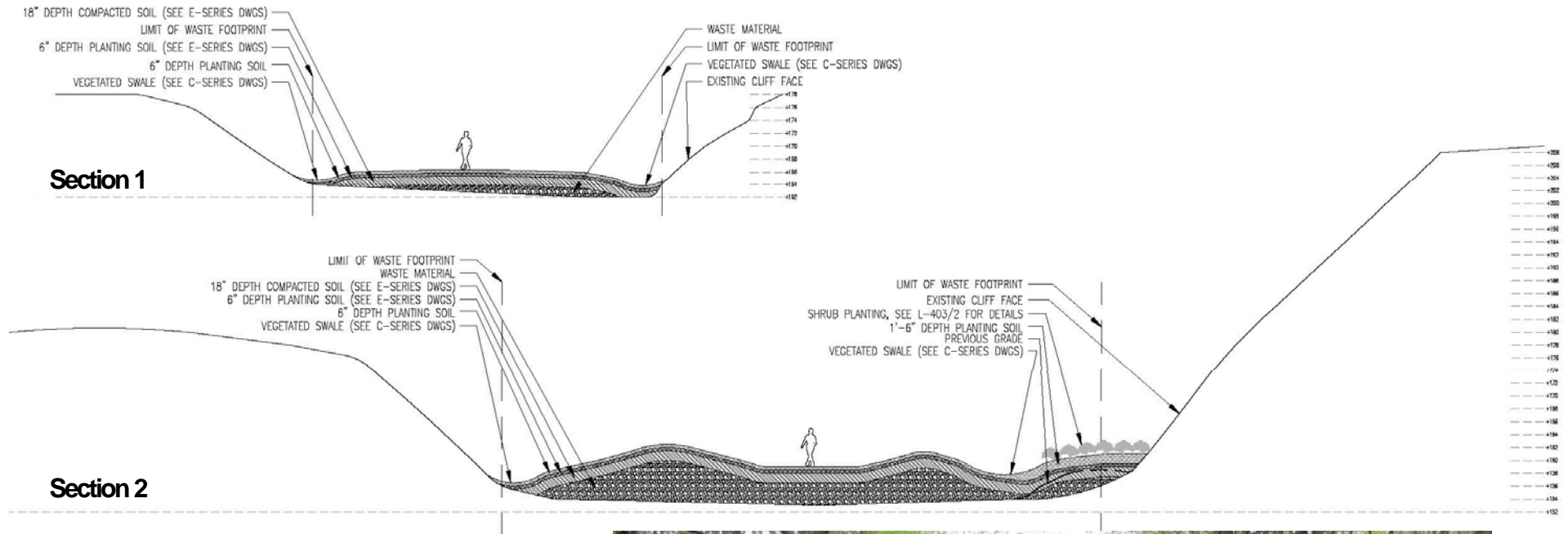
PROPOSED PROGRAMMING



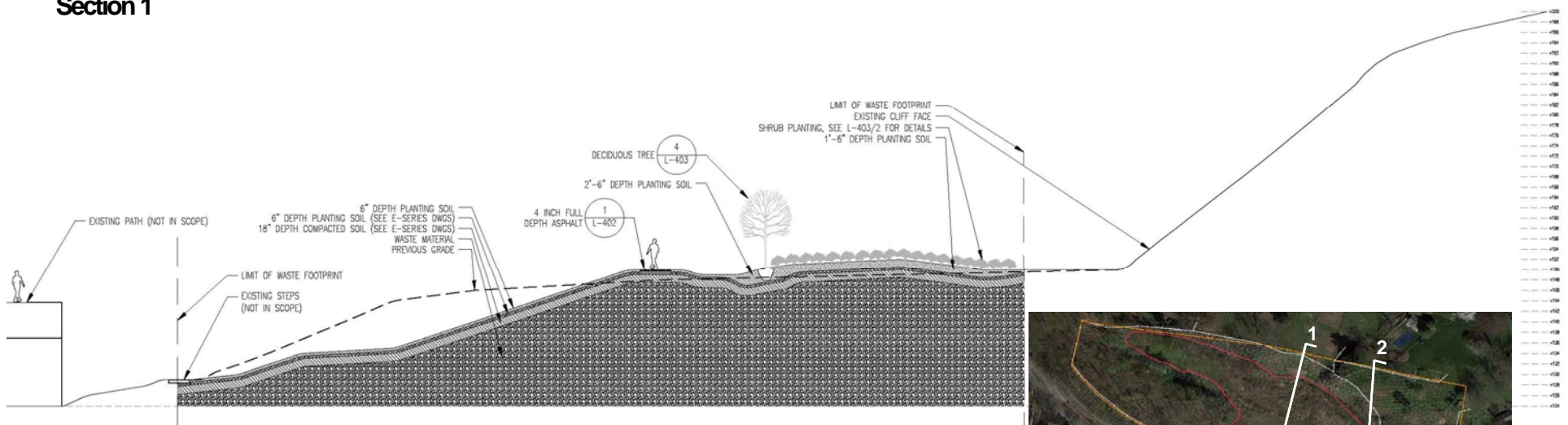
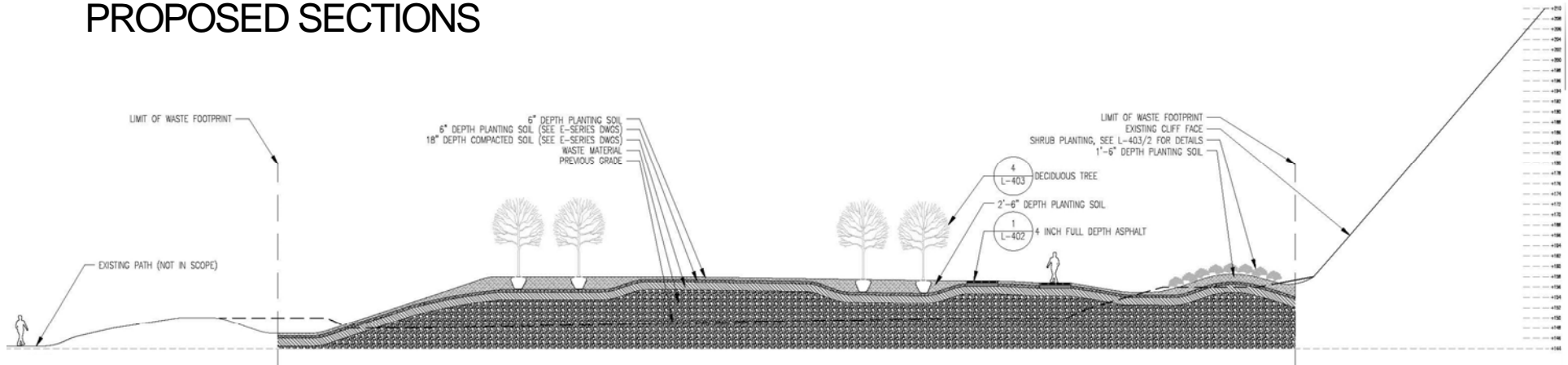
SOIL PROFILES



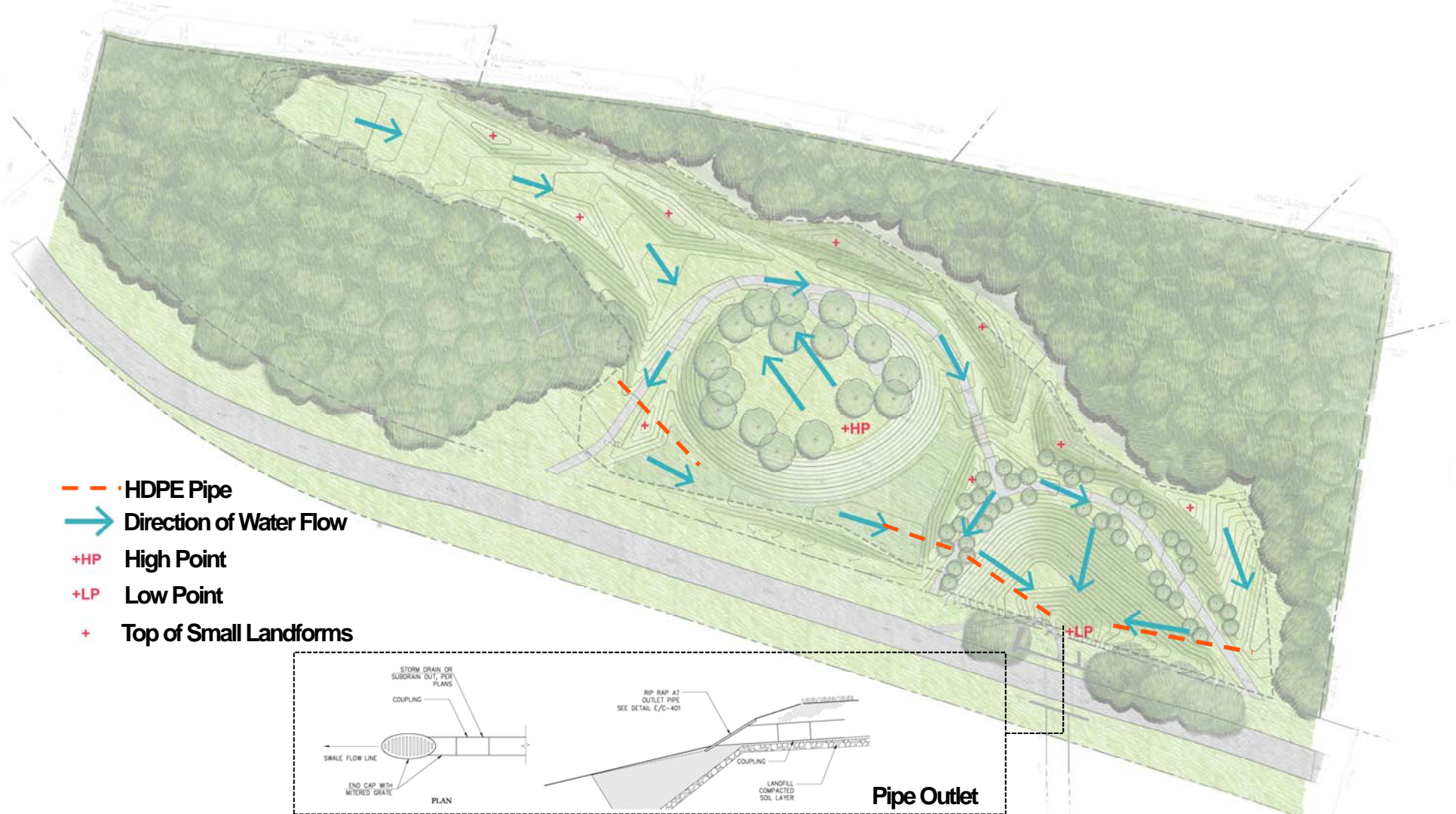
PROPOSED SECTIONS



PROPOSED SECTIONS



PROPOSED DRAINAGE



COST ESTIMATE

Estimate Summary Analysis - Portion Attributed as Closure Costs versus Site Amenities 2017 versus 2012
Prepared by: Arcadis and Slocum Construction Consulting, Inc.

Item Description	5/26/2017 Total Cost	6/29/2012 Total Cost
General Requirements		
Closure Items	\$131,964	\$91,915
Removals		
Closure Item	\$57,357	\$19,170
Closure Fill & Grading		
Closure Item (see note 1)	\$824,947	\$516,785
Site Preparation		
Closure Item	\$136,591	\$15,525
Planting		
Closure Item	\$117,488	\$106,059
Amenity Item	\$114,349	\$98,678
Pavement		
Closure Item	\$39,253	\$43,995
Site Improvements		
Amenity Item	\$18,199	\$15,960
Drainage/Infiltration		
Closure Item	\$65,651	\$77,500
Closure Item		
Amenity Item		
Full Estimate		

Notes:

1) 2017 price assumes 300 BCY of fill has to go off site at cost of \$102,670.
If not cost of that staying on site is \$8,740 or savings of \$93,930

2) 5/26/17 estimate shifts horticultural soils (previously shown in Amenity package) to Closure Package to facilitate future plantings.

	5/26/2017	6/29/2012
Closure Items	\$1,373,250	\$870,949
8% General Conditions	\$ 109,860	\$ 69,676
Subtotal	\$1,483,110	\$940,625
10% Overhead and Profit	\$ 148,311	\$ 94,062
Subtotal	\$1,631,421	\$1,034,687
5% Design Contingency	\$ 81,571	\$ 51,734
Total Cost	\$1,712,992	\$1,086,422
15% Construction Contingency	\$ 256,949	\$ 162,963
Total Budget	\$1,969,942	\$1,249,385

Amenity Items	\$132,548	\$269,318
8% General Conditions	\$ 10,604	\$ 21,545
Subtotal	\$143,152	\$290,863
10% Overhead and Profit	\$ 14,315	\$ 29,086
Subtotal	\$157,467	\$319,950
5% Design Contingency	\$ 7,873	\$ 15,997
Total Cost	\$165,340	\$335,947
15% Construction Contingency	\$ 24,801	\$ 50,392
Total Budget	\$190,141	\$386,339

Full Estimate	\$1,505,797	\$1,140,267
8% General Conditions	\$ 120,464	\$ 91,221
Subtotal	\$1,626,261	\$1,231,488
10% Overhead and Profit	\$ 162,626	\$ 123,149
Subtotal	\$1,788,887	\$1,354,637
5% Design Contingency	\$ 89,444	\$ 67,732
Total Cost	\$1,878,331	\$1,422,369
15% Construction Contingency	\$ 281,750	\$ 213,355
Total Budget	\$2,160,082	\$1,635,724

COST ESTIMATE

Estimate Summary Analysis - Portion Attributed as Closure Costs versus Site Amenities 2017 versus 2012
 Prepared by: Arcadis and Slocum Construction Consulting, Inc.

<u>Item Description</u>	<u>5/26/2017 Total Cost</u>	<u>6/29/2012 Total Cost</u>
General Requirements		
Closure Items	\$131,964	\$91,915
Removals		
Closure Item	\$57,357	\$19,170
Closure Fill & Grading		
Closure Item (see note 1)	\$824,947	\$516,785
Site Preparation		
Closure Item	\$136,591	\$15,525
Planting		
Closure Item	\$117,488	\$106,059
Amenity Item	\$114,349	\$98,678
Pavement		
Closure Item	\$39,253	\$43,995
Site Improvements		
Amenity Item	\$18,199	\$15,960
Drainage/Infiltration		
Closure Item	\$65,651	\$77,500

Notes:

1) 2017 price assumes 300 BCY of fill has to go off site at cost of \$102,670.
 If not cost of that staying on site is \$8,740 or savings of \$93,930

Closure Item
Amenity Item

COST ESTIMATE

	5/26/2017	6/29/2012
Closure Items	\$1,373,250	\$870,949
8% General Conditions \$	109,860	\$ 69,676
Subtotal	\$1,483,110	\$940,625
10% Overhead and Profit \$	148,311	\$ 94,062
Subtotal	\$1,631,421	\$1,034,687
5% Design Contingency \$	81,571	\$ 51,734
Total Cost	\$1,712,992	\$1,086,422
15% Construction Contingency \$	256,949	\$ 162,963
Total Budget	\$1,969,942	\$1,249,385

Closure Item
Amenity Item
Full Estimate

Amenity Items	\$132,548	\$269,318
8% General Conditions \$	10,604	\$ 21,545
Subtotal	\$143,152	\$290,863
10% Overhead and Profit \$	14,315	\$ 29,086
Subtotal	\$157,467	\$319,950
5% Design Contingency \$	7,873	\$ 15,997
Total Cost	\$165,340	\$335,947
15% Construction Contingency \$	24,801	\$ 50,392
Total Budget	\$190,141	\$386,339

Full Estimate	\$1,505,797	\$1,140,267
8% General Conditions \$	120,464	\$ 91,221
Subtotal	\$1,626,261	\$1,231,488
10% Overhead and Profit \$	162,626	\$ 123,149
Subtotal	\$1,788,887	\$1,354,637
5% Design Contingency \$	89,444	\$ 67,732
Total Cost	\$1,878,331	\$1,422,369
15% Construction Contingency \$	281,750	\$ 213,355
Total Budget	\$2,160,082	\$1,635,724

CONSTRUCTION ENTRANCE

