

08-01-2017

**MNLA**

# Quarry Park

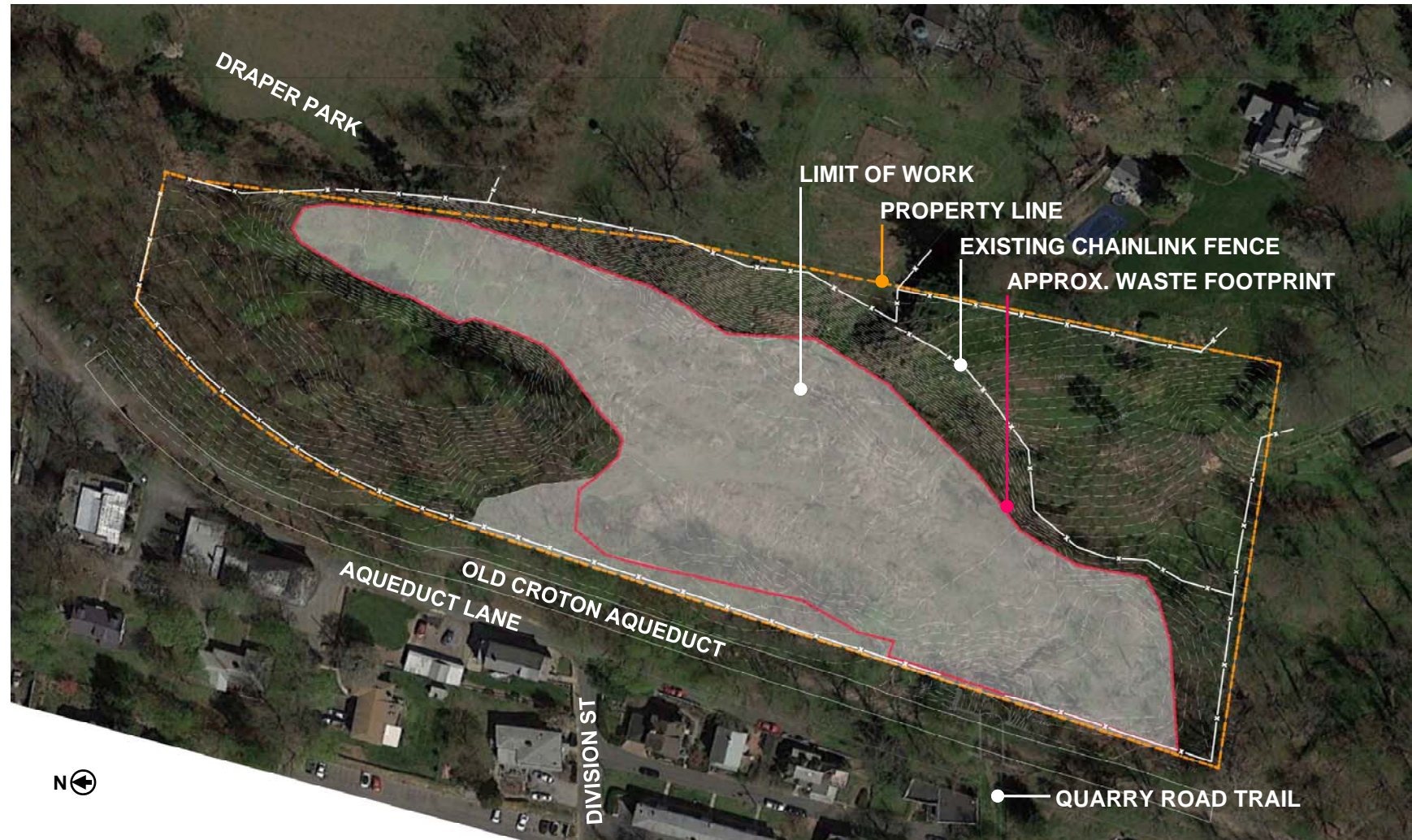
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**100% Construction Documents  
For Village Review**

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





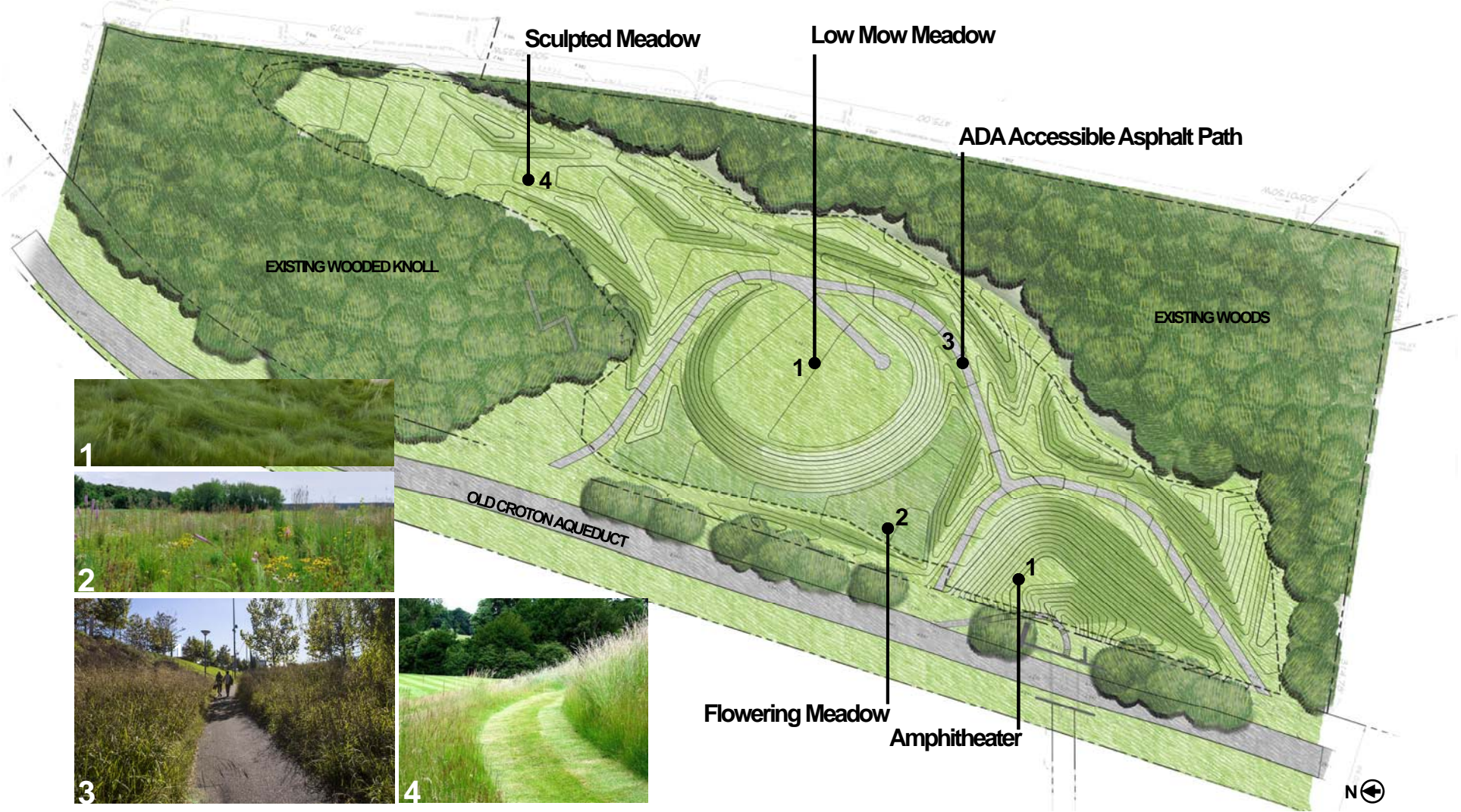
## FENCE REMOVAL



1) Existing Fence Along Draper Park

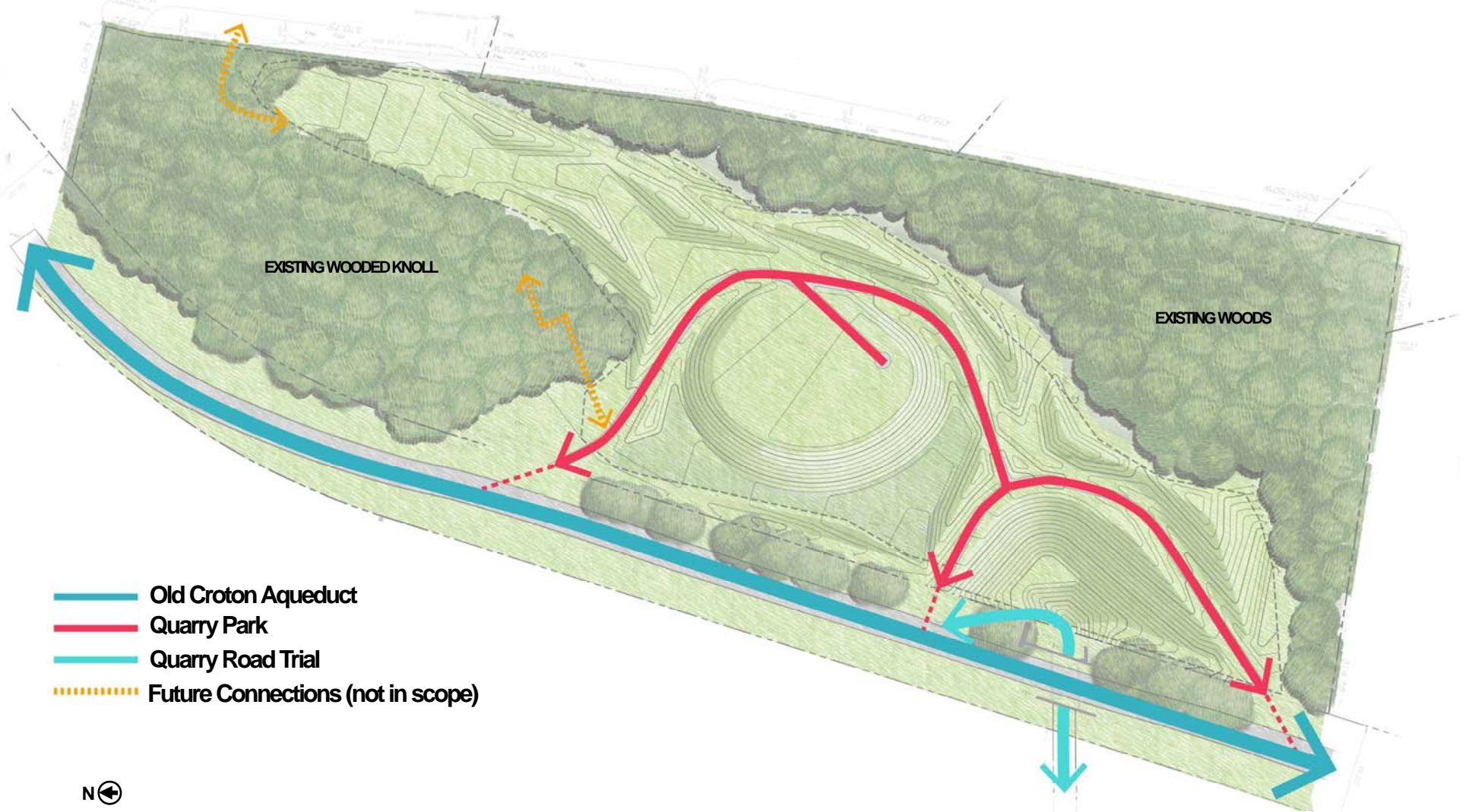


## PROPOSED BASE BID PLAN





## PROPOSED CIRCULATION



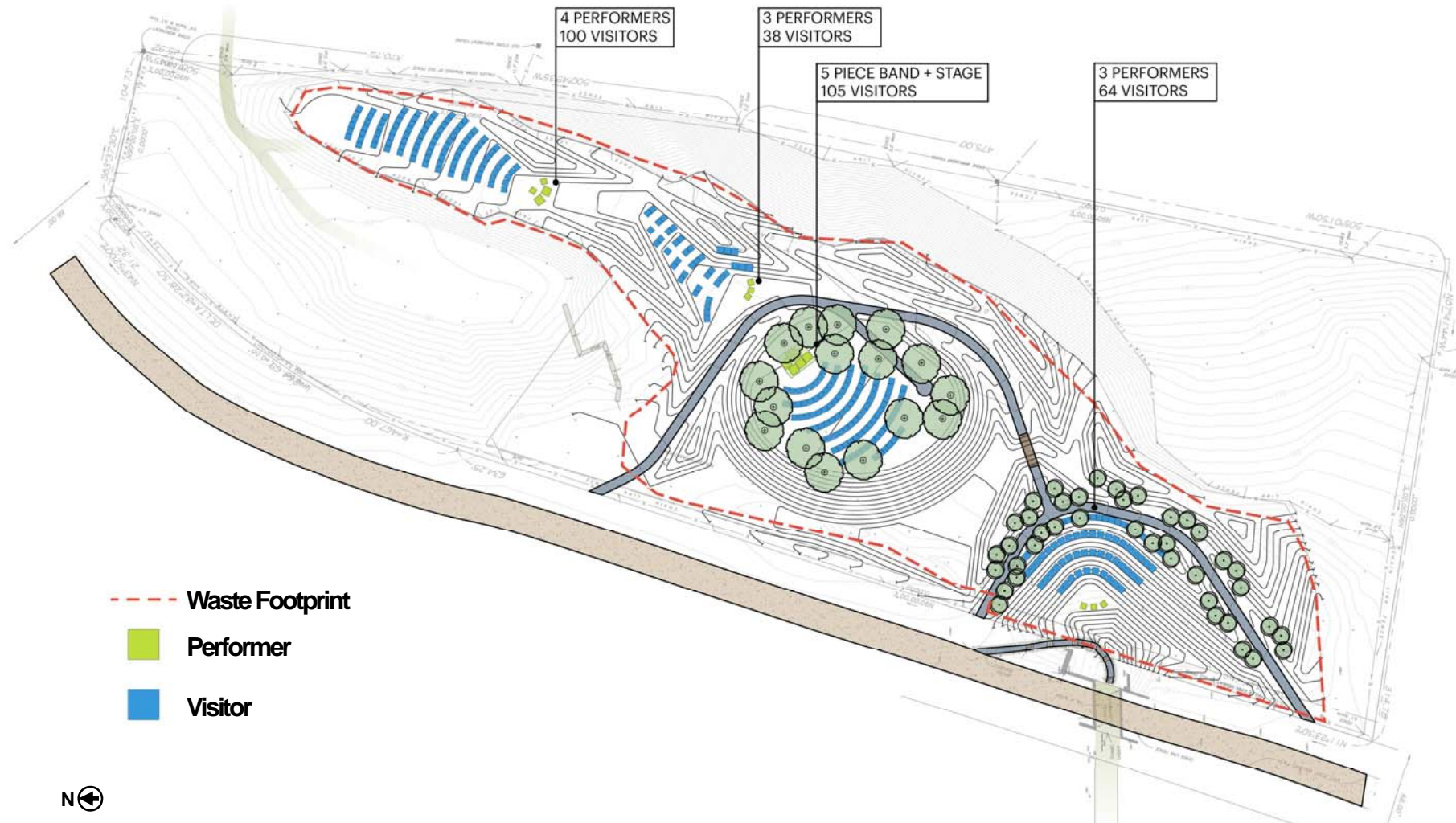


## PROPOSED ALTERNATES PLAN



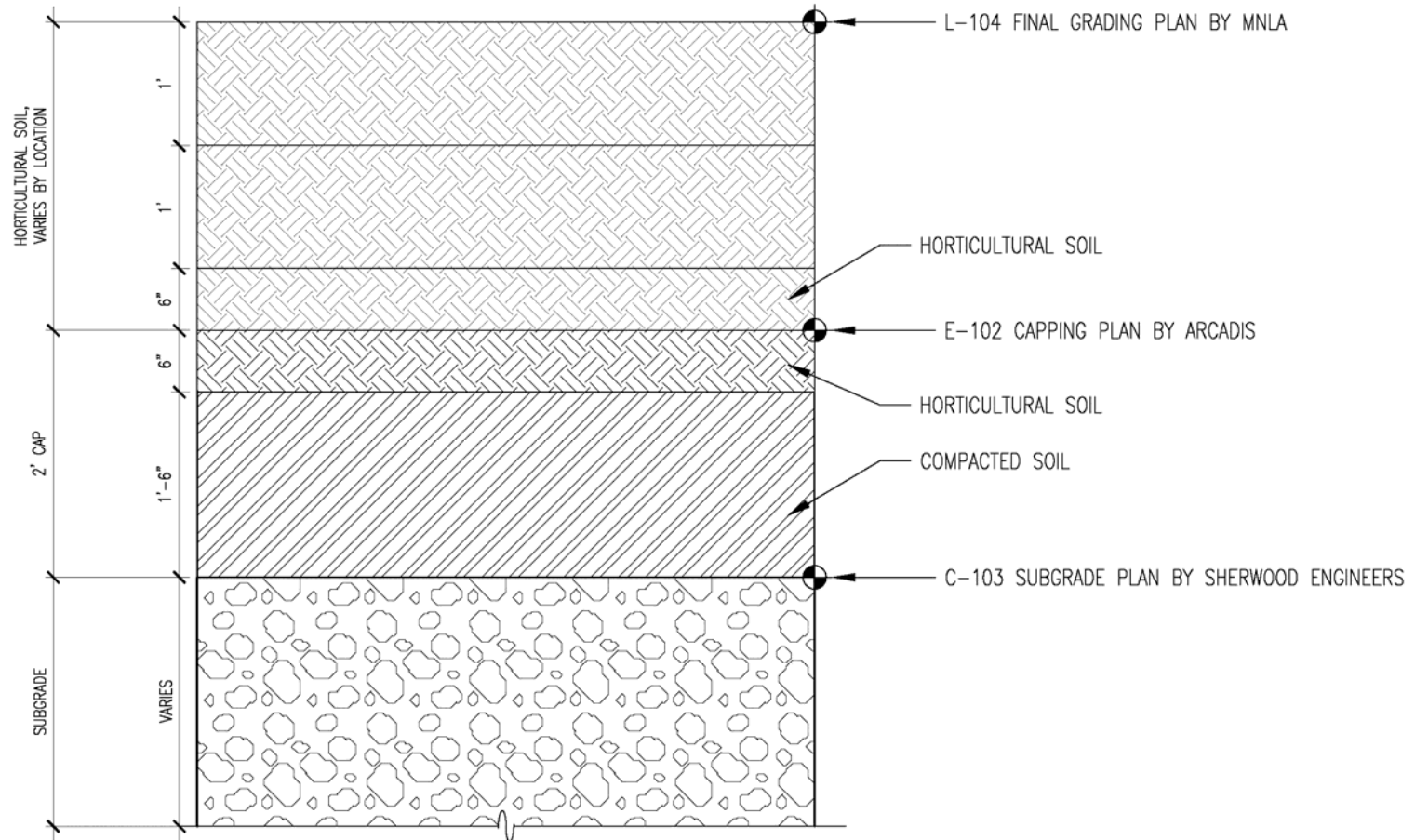


## PROPOSED PROGRAMMING



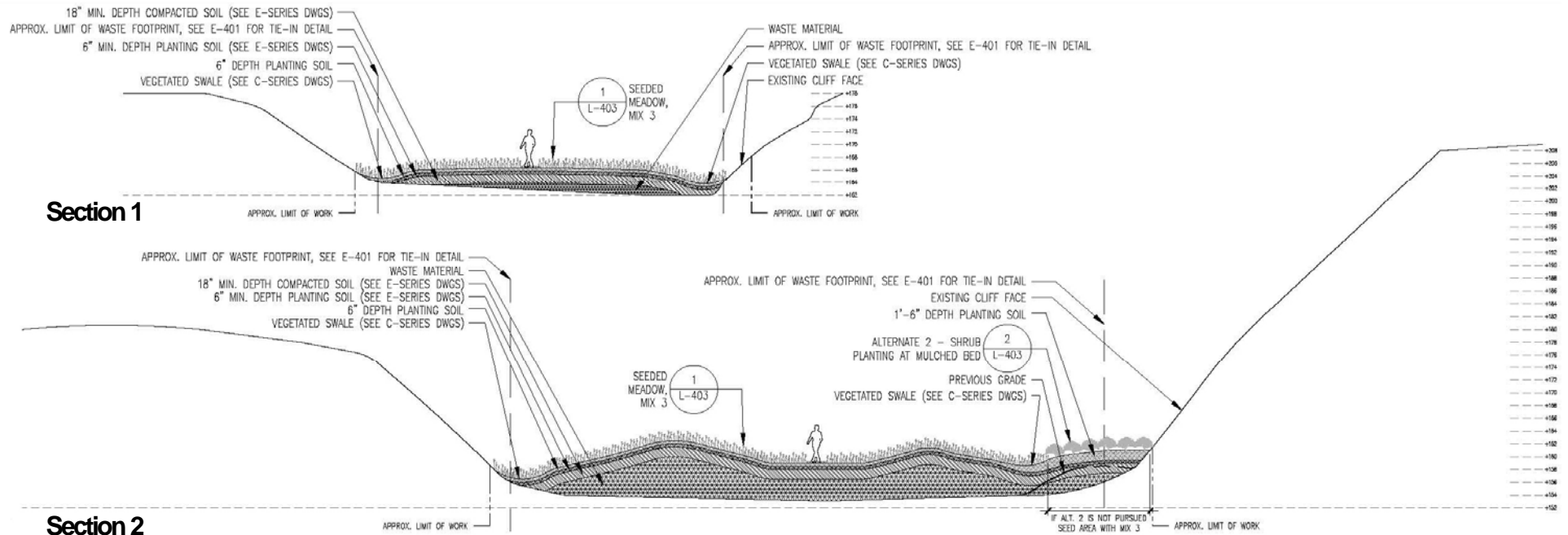


## SOIL PROFILES



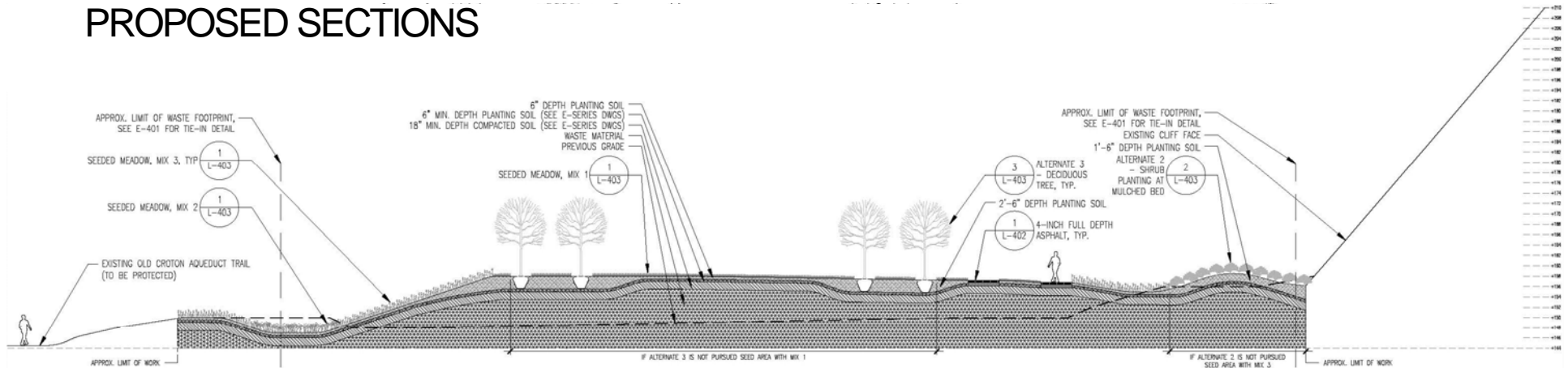


## PROPOSED SECTIONS

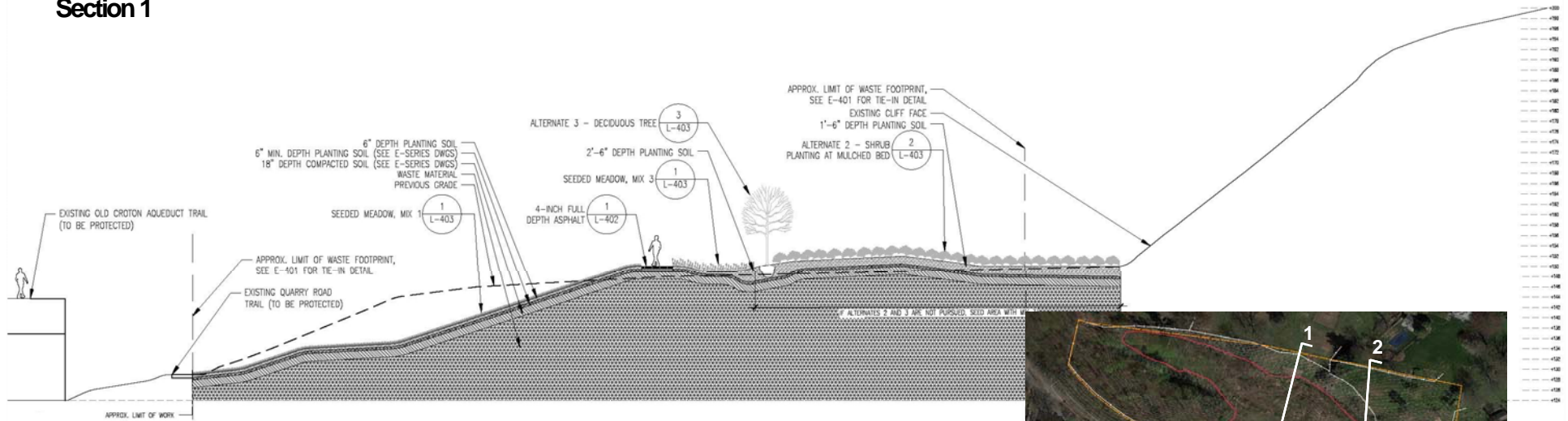




# PROPOSED SECTIONS



Section 1

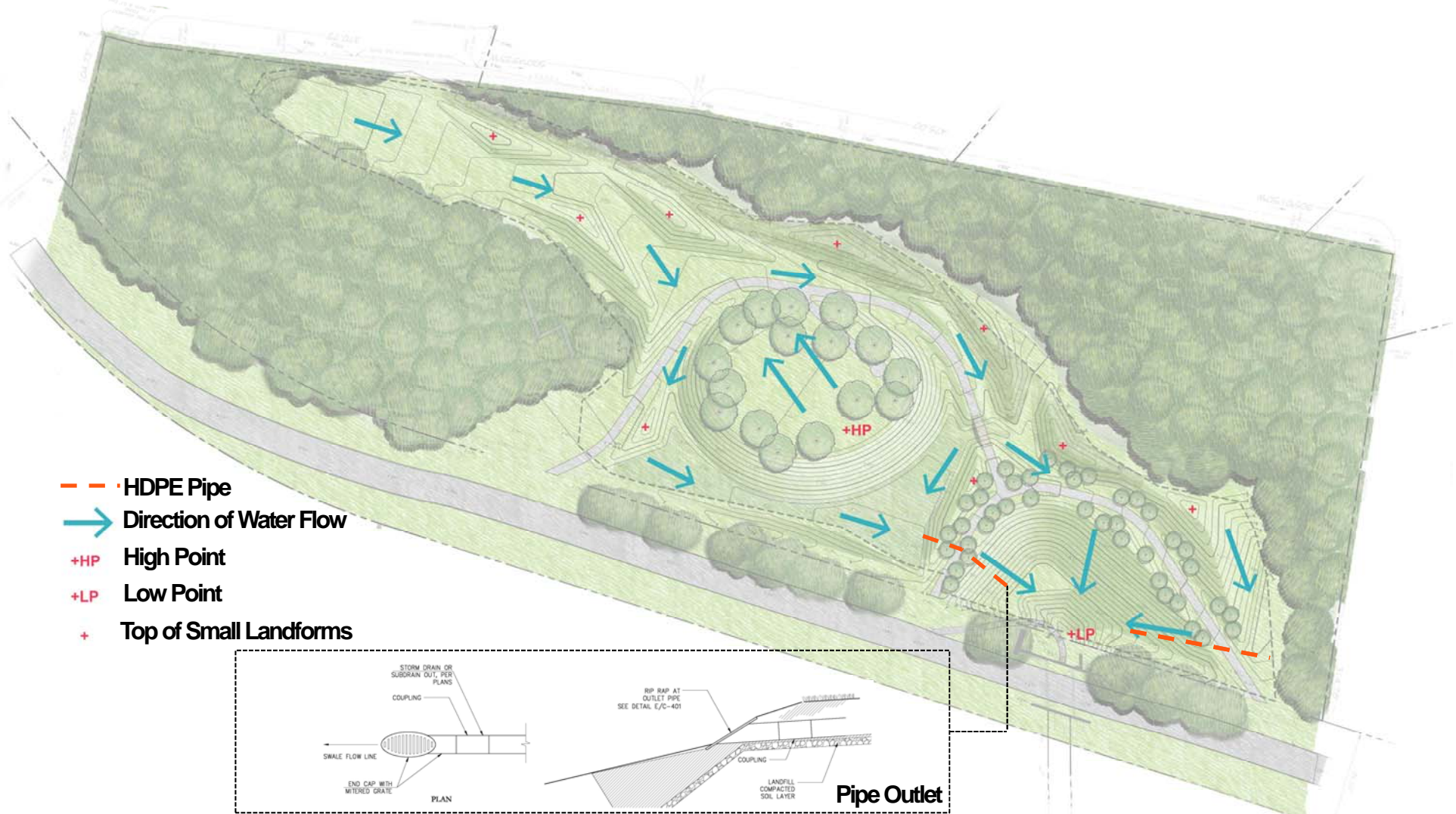


Section 2





## PROPOSED DRAINAGE





## PRELIMINARY COST ESTIMATE

## Estimate Summary Analysis

Portion Attributed as Closure Costs versus Site Amenities 50% CD versus 100% CD

Item Description	5/26/2017 Total Cost	7/27/2017 Total Cost
<b>General Requirements</b>		
Closure Items	\$131,964	\$221,387
<b>Removals</b>		
Closure Item	\$57,357	\$57,357
<b>Closure Fill &amp; Grading</b>		
Closure Item (see note 1)	\$824,947	\$889,618
<b>Site Preparation</b>		
Closure Item	\$136,591	\$145,516
<b>Planting</b>		
Closure Item	\$117,488	\$52,144
Amenity Item	\$114,349	\$102,185
<b>Pavement</b>		
Closure Item	\$39,253	\$40,853
<b>Site Improvements</b>		
Amenity Item	\$18,199	\$8,668
<b>Drainage/Infiltration</b>		
Closure Item	\$65,651	\$47,212

## Notes:

1) 2017 prices assume 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) 2017 estimates shift horticultural soils (previously shown in Amenity package) to Closure Package to facilitate future plantings.

	5/26/2017	7/27/2017
<b>Closure Items</b>	<b>\$1,373,250</b>	<b>\$1,454,086</b>
8% General Conditions	\$ 109,860	\$ 116,327
Subtotal	\$1,483,110	\$1,570,413
10% Overhead and Profit	\$ 148,311	\$ 157,041
Subtotal	\$1,631,421	\$1,727,454
5% Design Contingency	\$ 81,571	\$ -
Total Cost	\$1,712,992	\$1,727,454
15% Construction Contingency	\$ 256,949	\$ 259,118
Total Budget	\$1,969,942	\$1,986,572
<b>Amenity Items</b>		
8% General Conditions	\$ 10,604	\$ 8,868
Subtotal	\$143,152	\$119,720
10% Overhead and Profit	\$ 14,315	\$ 11,972
Subtotal	\$157,467	\$131,692
5% Design Contingency	\$ 7,873	\$ -
Total Cost	\$165,340	\$131,692
15% Construction Contingency	\$ 24,801	\$ 19,754
Total Budget	\$190,141	\$151,446
<b>Full Estimate</b>	<b>\$1,505,797</b>	<b>\$1,564,938</b>
8% General Conditions	\$ 120,464	\$ 125,195
Subtotal	\$1,626,261	\$1,690,133
10% Overhead and Profit	\$ 162,626	\$ 169,013
Subtotal	\$1,788,887	\$1,859,146
5% Design Contingency	\$ 89,444	\$ -
Total Cost	\$1,878,331	\$1,859,146
15% Construction Contingency	\$ 281,750	\$ 278,872
Total Budget	\$2,160,082	\$2,138,017



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Closure Item

Amenity Item



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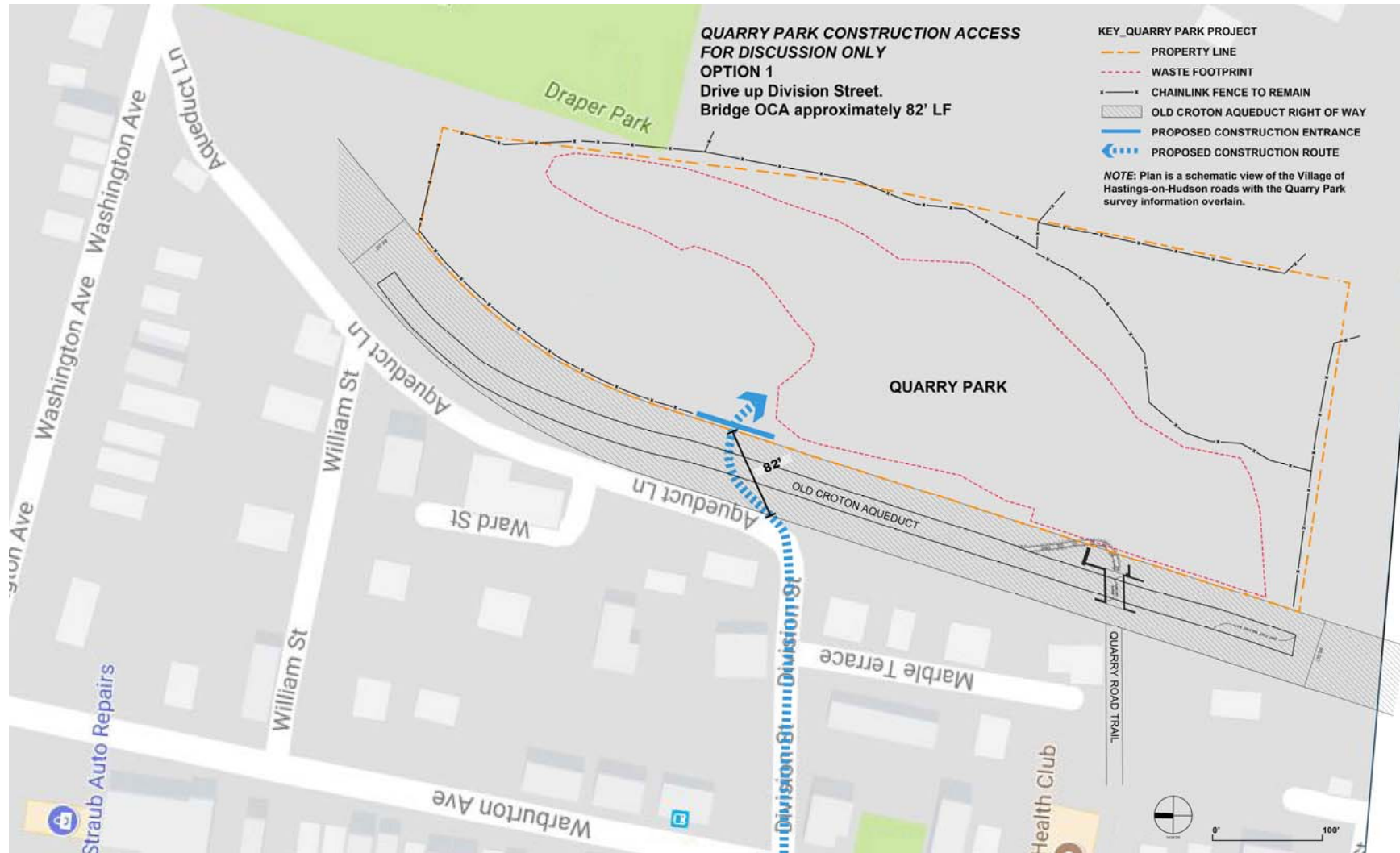
Closure Item
Amenity Item
Full Estimate

## CONSTRUCTION ENTRANCE





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