

Somerville Green Score

Area or Number
7,587

		Sq Ft Credit	Multiplier	Weighted Area	Score Value	% of Score
Soils						
Landscaped area with a soil depth less than 24 inches	0	actual sq ft	0.3	0	0.000	0%
Landscaped area with a soil depth equal to or greater than 24 inches	580	actual sq ft	0.6	348	0.046	16%
Previous Paving with 6 to 24 inches of subsurface soil or gravel	0	actual sq ft	0.2	0	0.000	0%
Previous Paving with more than 24 inches of subsurface soil or gravel	430	actual sq ft	0.5	215	0.028	10%
Groundcovers						
Turf grass, mulch, and inorganic surfacing materials	0	actual sq ft	0.1	0	0.000	0%
Plants						
Vegetation less than two (2) feet tall at maturity	47	actual sq ft	0.2	9.4	0.001	0%
Vegetation at least two (2) feet tall at maturity (Native Species)	58	12	0.4	278.4	0.037	13%
Trees						
Small Tree	0	50	0.6	0	0.000	0%
Large Tree (Native Species)	4	450	0.7	1260	0.166	58%
Preserved Tree	0	65	0.8	0	0.000	0%
Engineered Landscape						
Vegetated Wall	0	actual sq ft	0.1	0	0.000	0%
Rain gardens, bioswales, and stormwater planters	0	actual sq ft	1.0	0	0.000	0%
Green Roof with up to 6" of growth medium	574	actual sq ft	0.1	57.4	0.008	3%
Green Roof with 6"-10" of growth medium	0	actual sq ft	0.4	0	0.000	0%
Green Roof of 10"-24" growth medium	0	actual sq ft	0.6	0	0.000	0%
Green Roof of over 24" growth medium	N/A	Calculate as if soils, groundcovers, plants, and trees				N/A

Green Score = 0.286

Green Score District Requirements				
NR & UR	MRS & MRS4	MRS, MRS, & HR	FAB, CC, CB, CI	
Required Score:	0.35	0.25	0.20	0.20
Target Score:	0.40	0.3	0.25	-
Actual Green Score:	0.286	0.286	0.286	0.286

Add to multiplier

Possible Bonuses	
Publicly Visible Landscape	0.1
Native Species	0.1
High Value Species	0.1
50% Irrigation from storm water	0.1
Food cultivation	0.1
De-paved lot area	0.1

2-4 ALPINE STREET

SOMERVILLE, MA

LANDSCAPE DESIGN PACKAGE

MDLA

MICHAEL D'ANGELO landscape architecture





2-4 Alpine Street | Existing Conditions

Somerville, MA

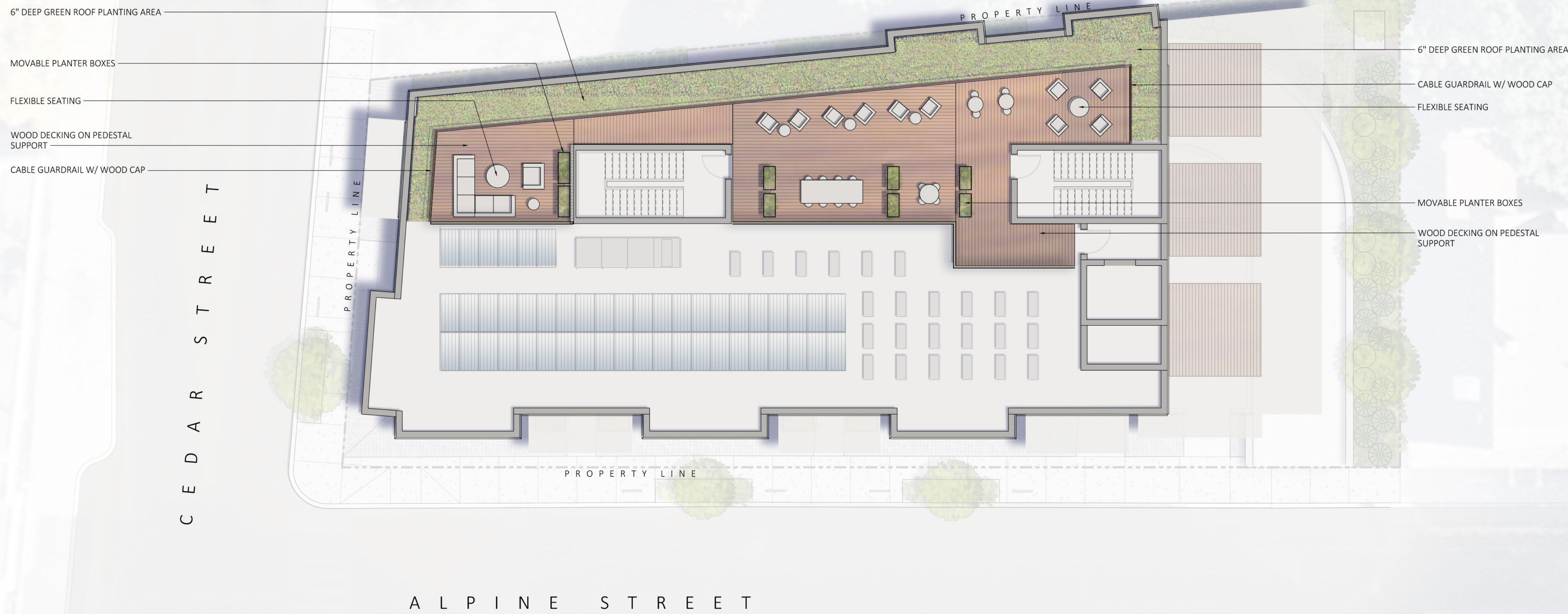


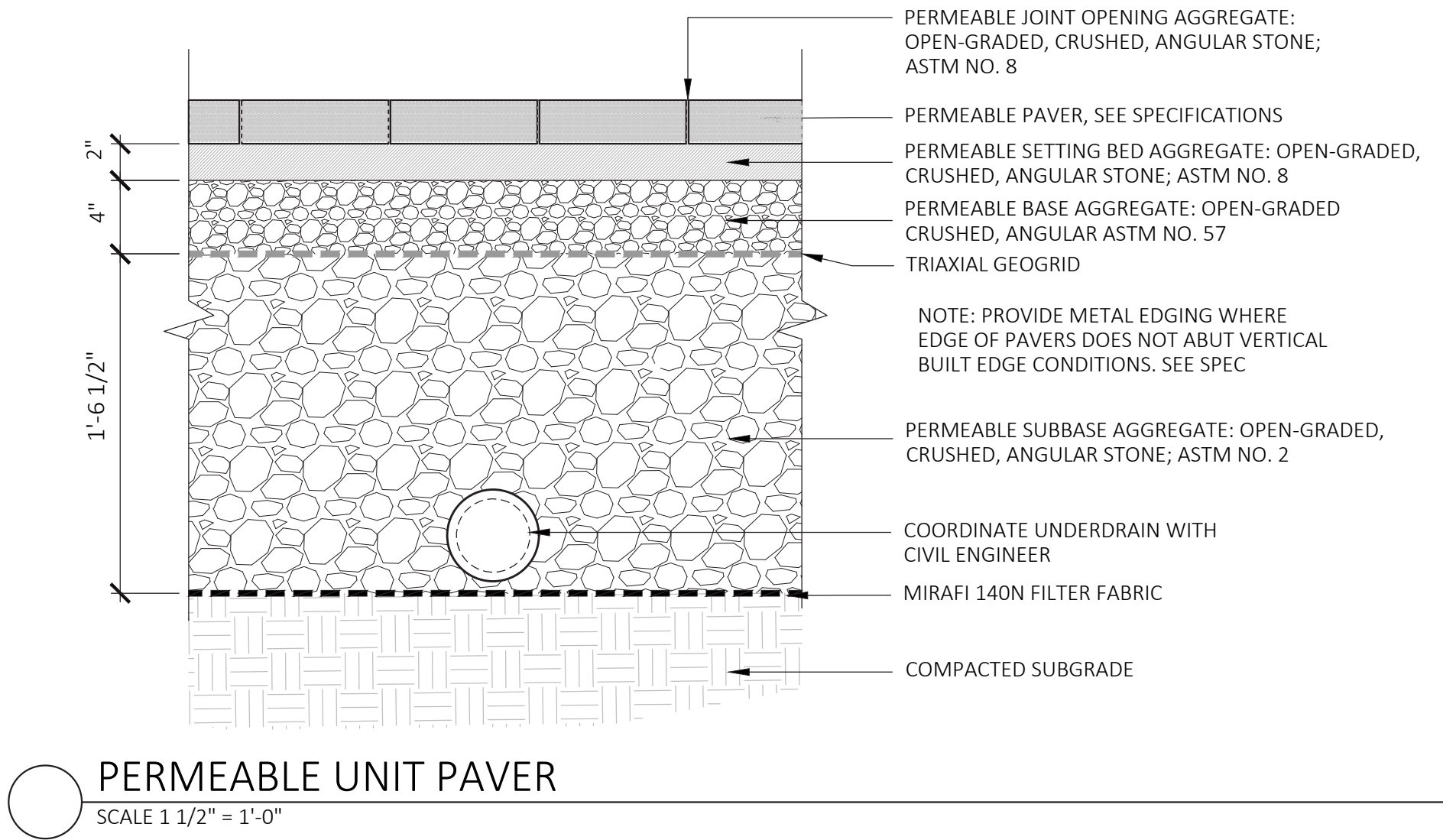
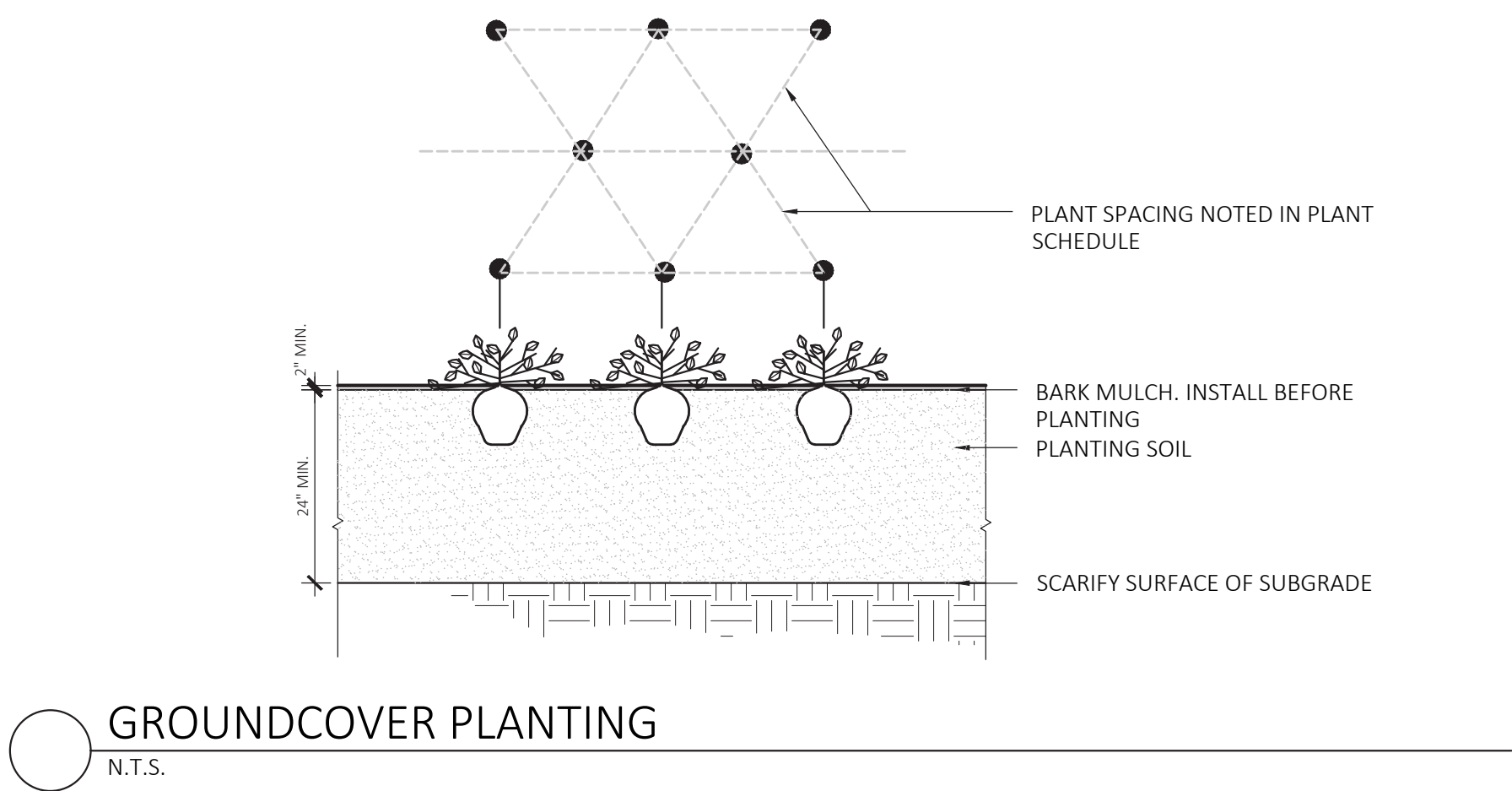
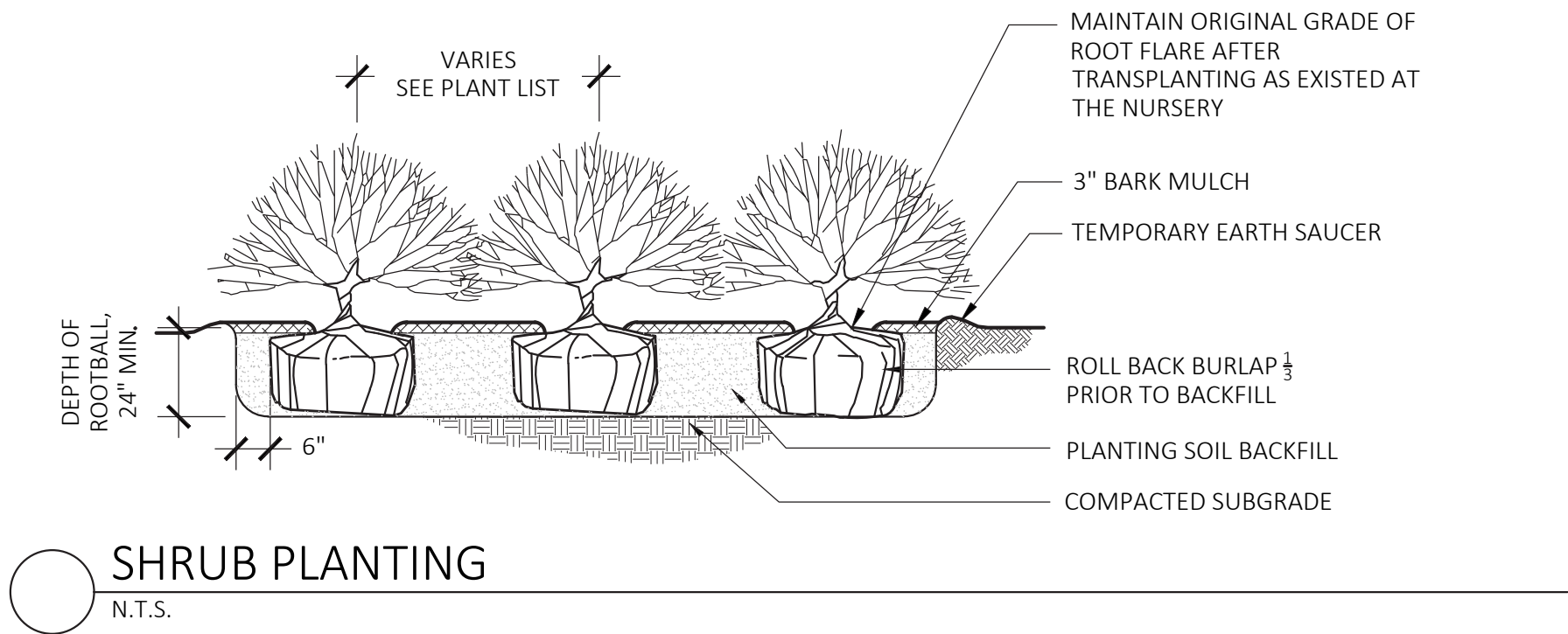
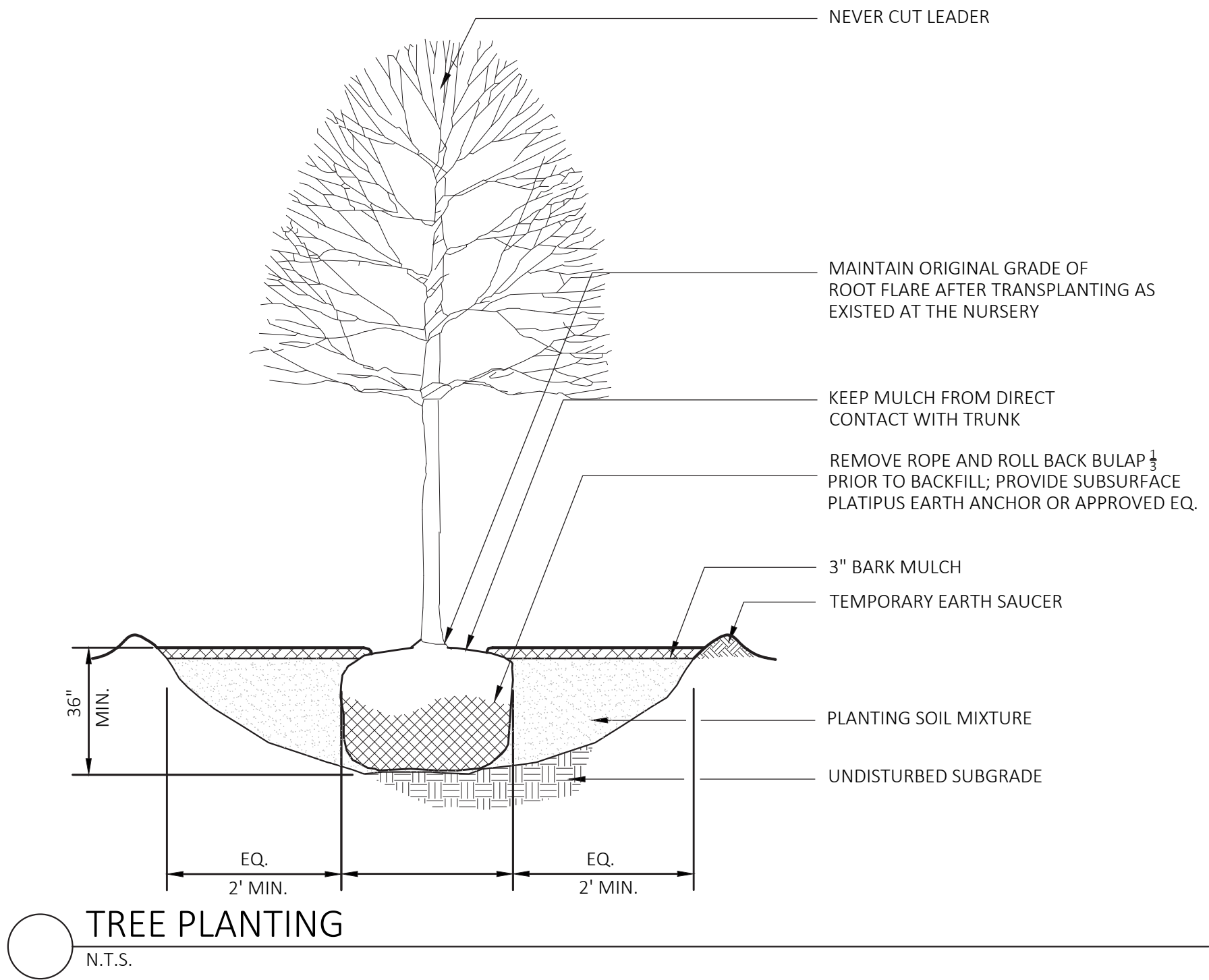
2-4 Alpine Street | Existing Site Photos
Sommerville, MA



2-4 Alpine Street | Ground Floor Landscape Design
Sommerville, MA

Green Roof				
CalloUT	SYSTEM	MANUFACTURER	Soil Depth	COMMENTS
GR1	Sedum Carpet	Zinco	3.5"	



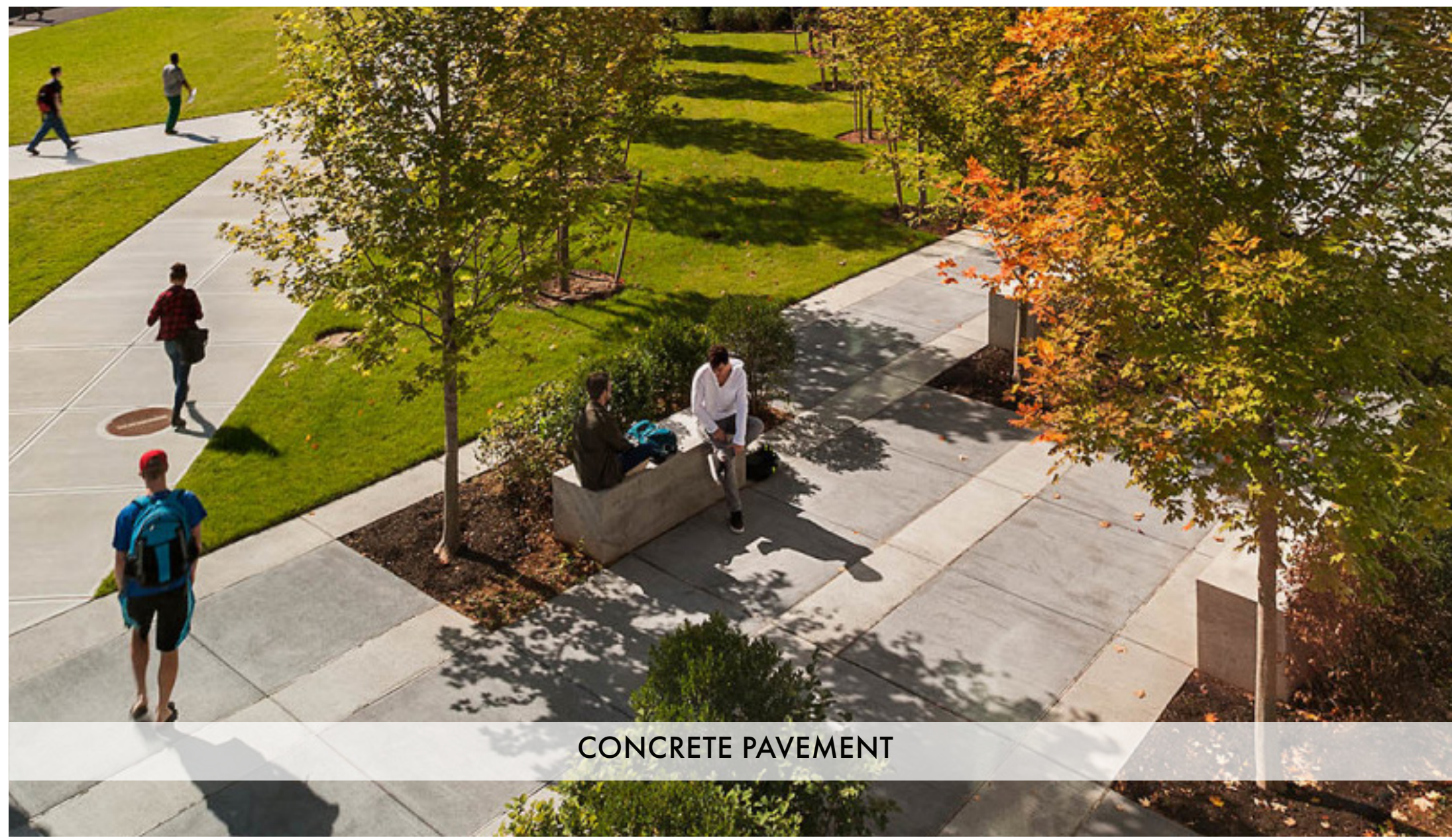


Somerville Green Score						
DIRECTIONS:		Area or Number				
1. Enter the Lot Area in square feet to the right >>>		7,587				
2. Enter the area in square feet of the number of landscape elements						
		Sq Ft Credit	Multiplier	Weighted Area	Score Value	
					% of Score	
Soils						
Landscaped area with a soil depth less than 24 inches (enter square feet)	0	actual sq ft	0.3	0	0.000	0%
Landscaped area with a soil depth equal to or greater than 24 inches (enter square feet)	746	actual sq ft	0.6	447.6	0.059	19%
Pervious Paving with 6 to 24 inches of subsurface soil or gravel (enter square feet)	0	actual sq ft	0.2	0	0.000	0%
Pervious Paving with more than 24 inches of subsurface soil or gravel (enter square feet)	1,141	actual sq ft	0.5	570.5	0.075	24%
Groundcovers						
Turf grass, mulch, and inorganic surfacing materials (enter square feet)	0	actual sq ft	0.1	0	0.000	0%
Plants						
Vegetation less than two (2) feet tall at maturity (enter square feet)	338	actual sq ft	0.2	67.6	0.009	3%
Vegetation at least two (2) feet tall at maturity (enter number of individual plants)	42	12	0.3	151.2	0.020	6%
Trees						
Small Tree (enter number of trees)	0	50	0.6	0	0.000	0%
Large Tree (enter number of trees)	4	450	0.6	1080	0.142	45%
Preserved Tree (enter DBH)	0	65	0.8	0	0.000	0%
Engineered Landscape						
Vegetated Wall (enter square feet)	0	actual sq ft	0.1	0	0.000	0%
Rain gardens, bioswales, and stormwater planters (enter square feet)	0	actual sq ft	1.0	0	0.000	0%
Green Roof with up to 6" of growth medium (enter square feet)	382	actual sq ft	0.2	76.366	0.010	3%
Green Roof with 6"-10" of growth medium (enter square feet)	0	actual sq ft	0.4	0	0.000	0%
Green Roof of 10"-24" growth medium (enter square feet)	0	actual sq ft	0.6	0	0.000	0%
Green Roof of over 24" growth medium	N/A	Calculate as if soils, groundcovers, plants, and trees				N/A
Green Score = 0.315						
Green Score District Requirements						
NR & UR	MR3 & MR4	MR5, MR6, & HR	FAB, CC, CB, CI			
0.35	0.25	0.20	0.20			
0.40	0.3	0.25	-			
0.315	0.315	0.315	0.315			
Required Score:						
Target Score:						
Actual Green Score:						

Required Score:
Target Score:
Actual Green Score:



WOOD DECKING



CONCRETE PAVEMENT



SOLOMON'S SEAL



GREENROOF PLANTING



PERMEABLE PAVERS



JAPANESE FOREST GRASS



LIROPE



INKBERRY HOLLY