

2-4 ALPINE STREET

SOMERVILLE, MA

LANDSCAPE DESIGN PACKAGE

MDLA

MICHAEL D'ANGELO landscape architecture

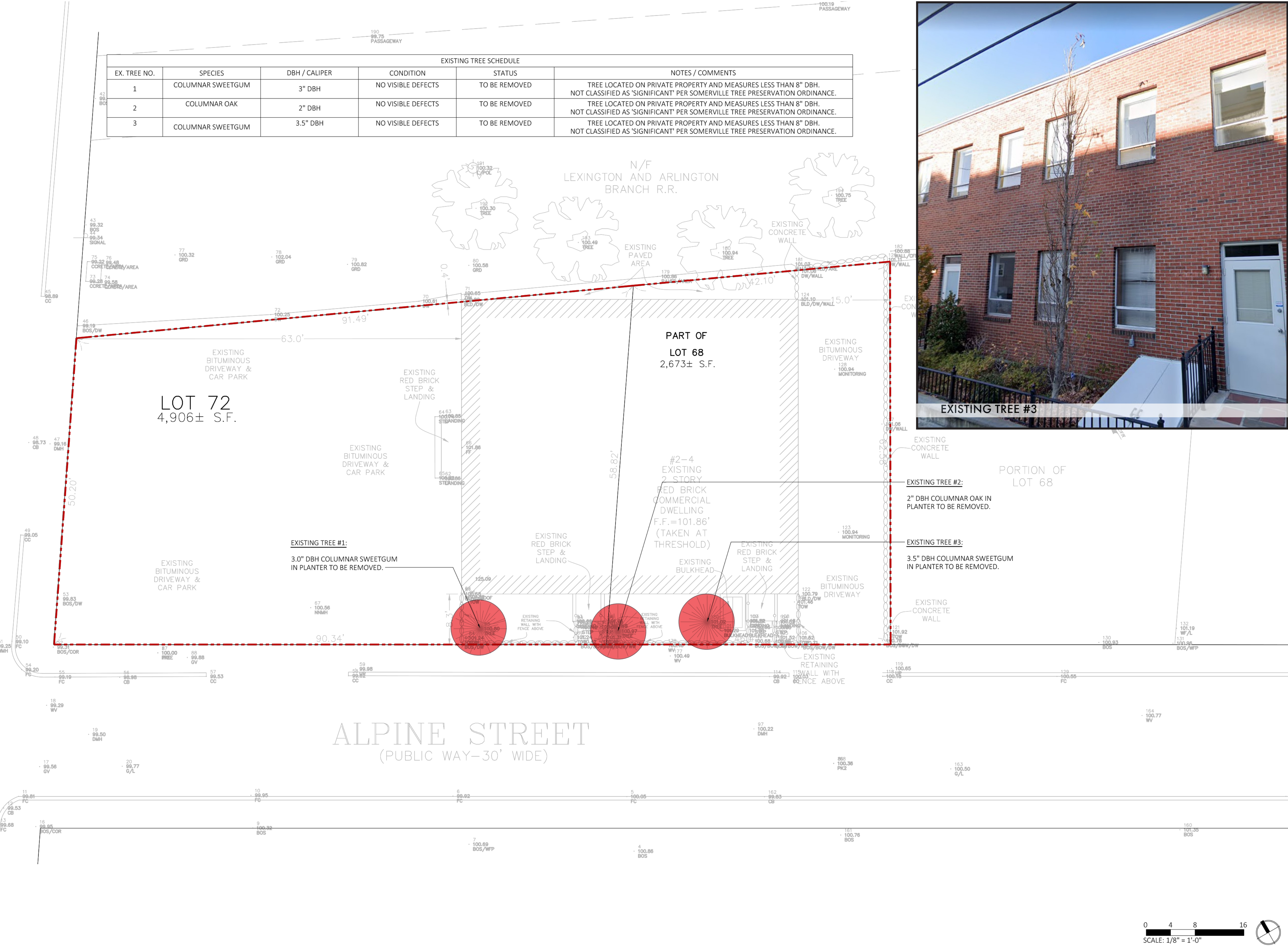


2-4 Alpine Street | Existing Conditions

Somerville, MA

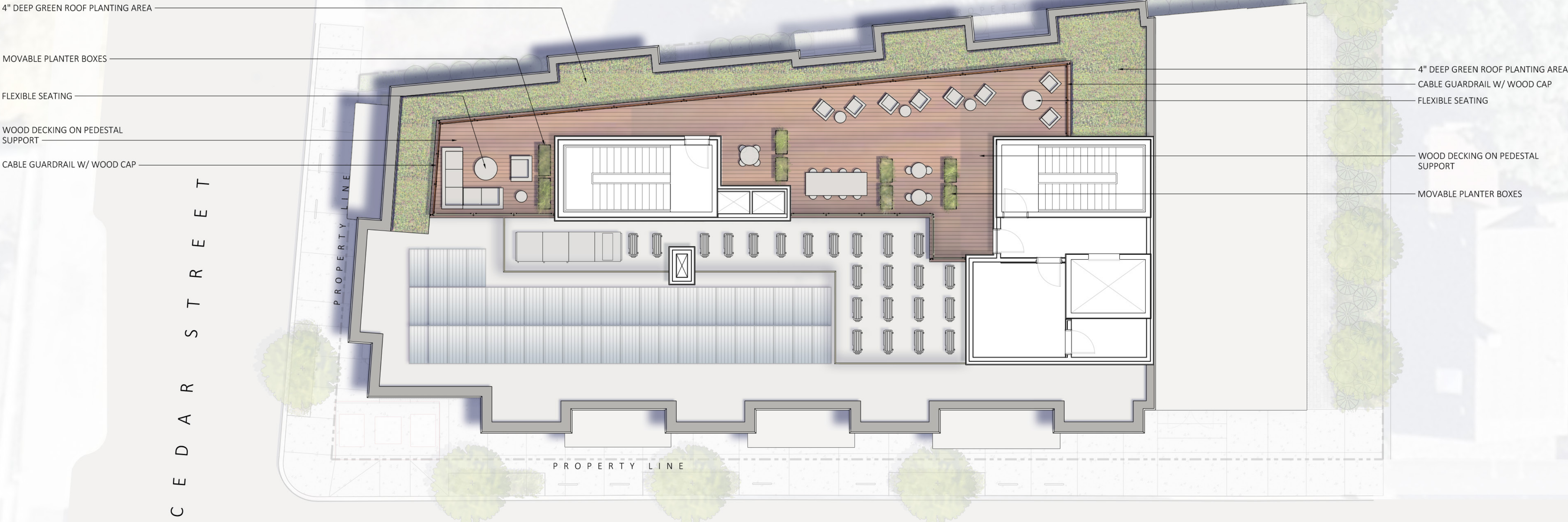


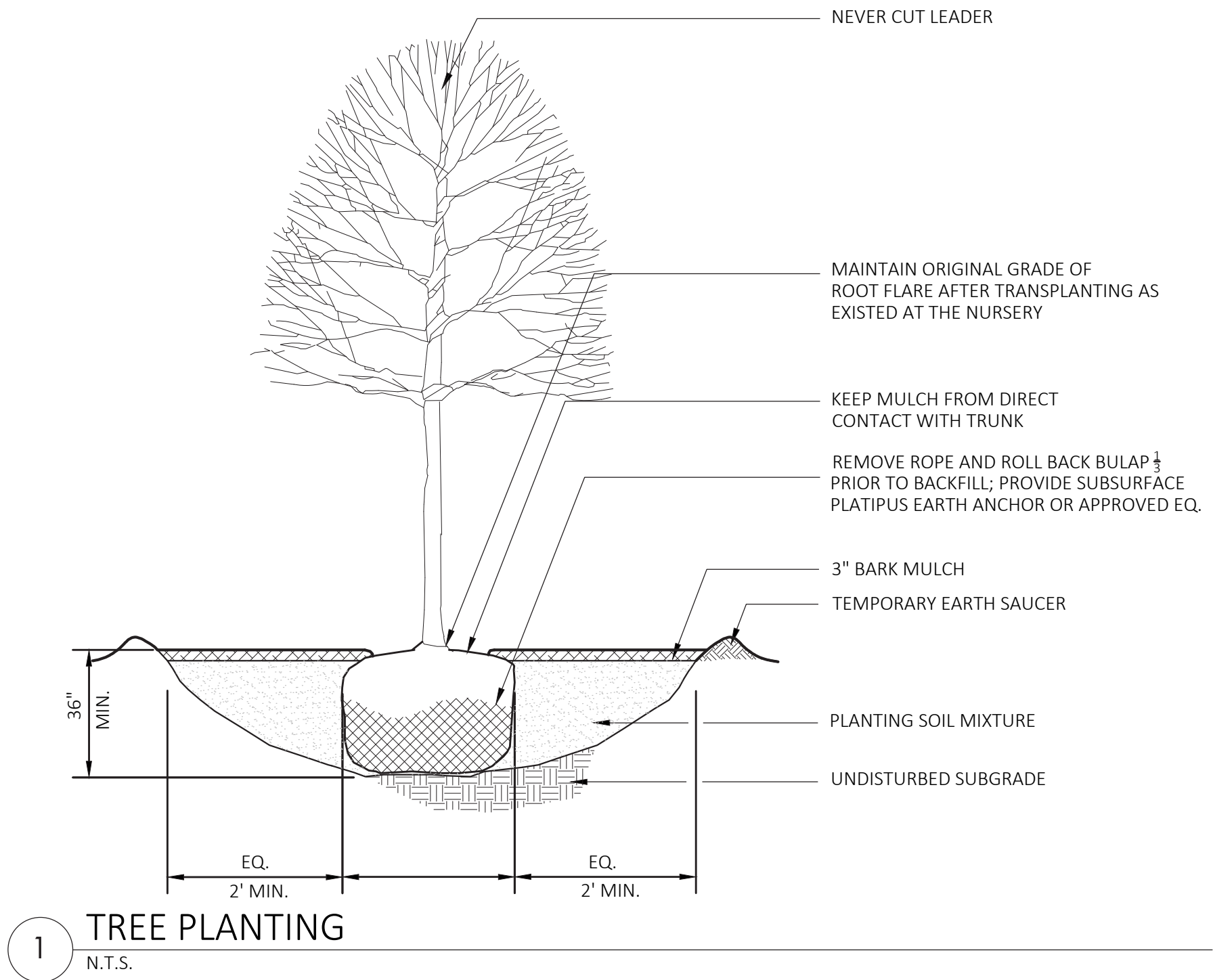
2-4 Alpine Street | Existing Site Photos
Somerville, MA



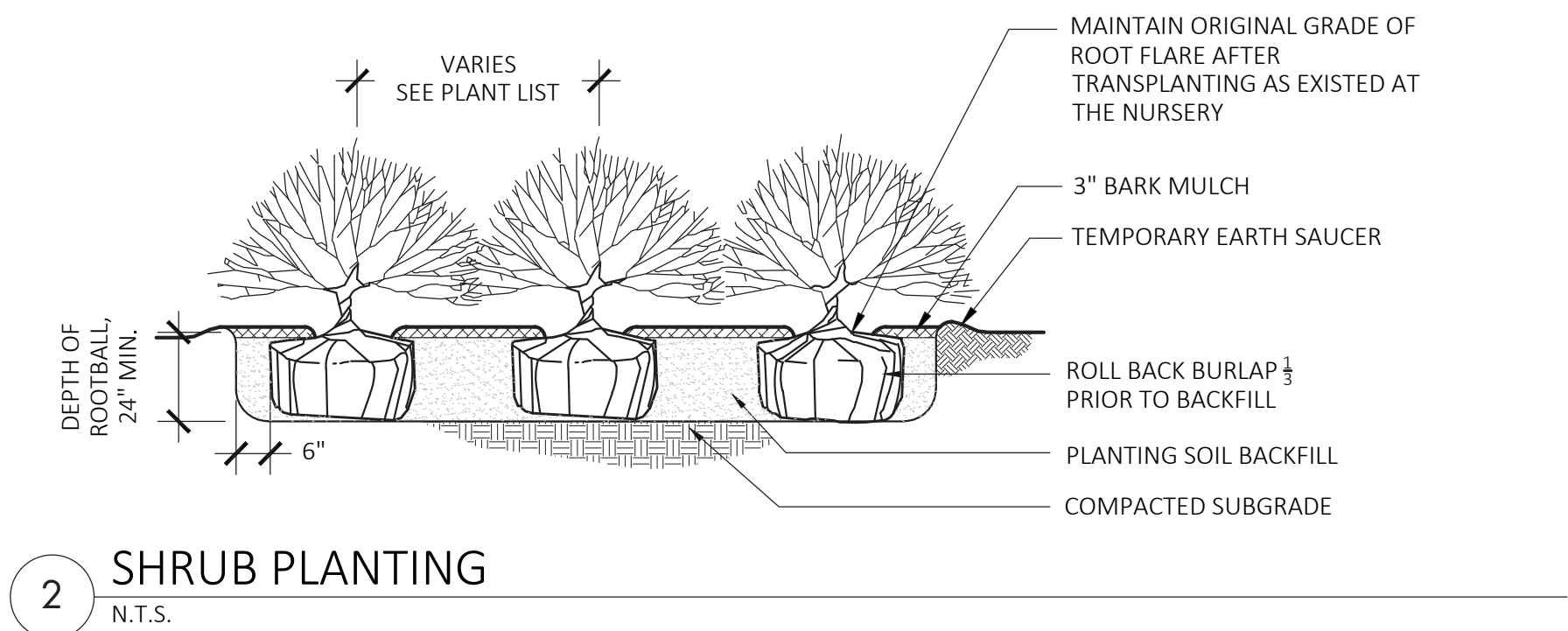


Green Roof				
CALLOUT	SYSTEM	MANUFACTURER	Soil Depth	COMMENTS
GR1	LiveRoofStandard	LiveRoof	4"	Sedum Mix selected for local climate and exposure conditions.

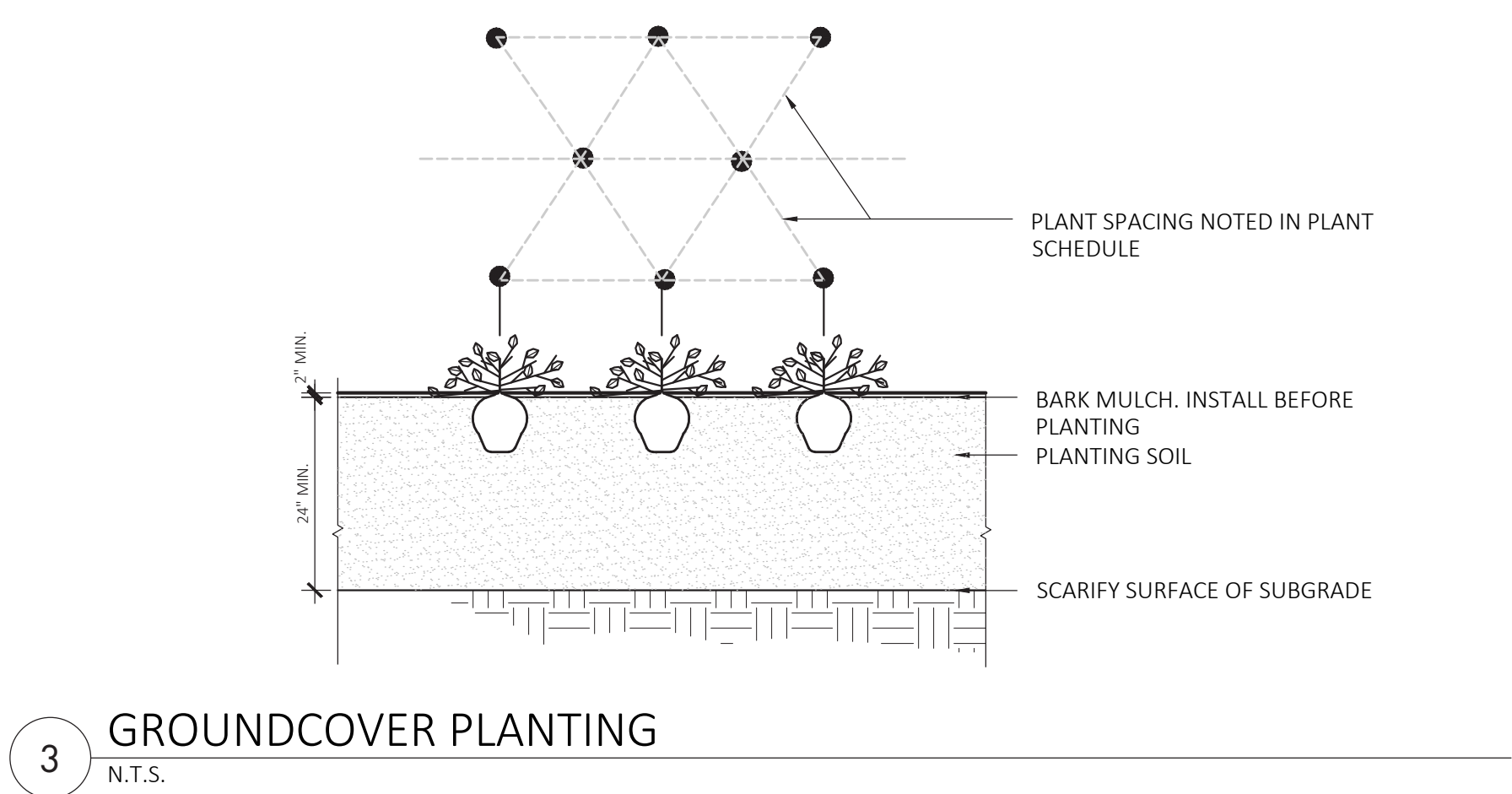




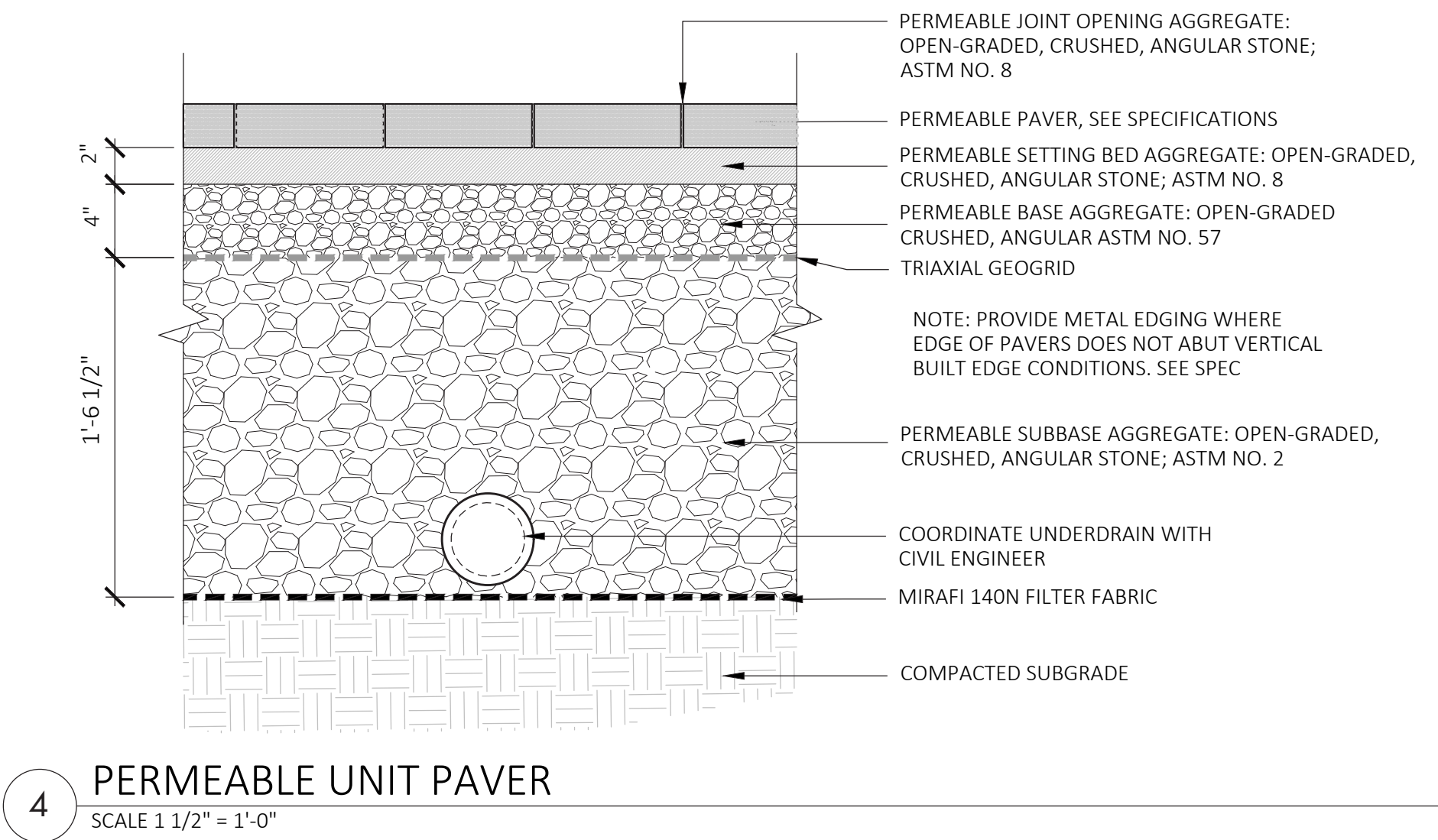
1 TREE PLANTING
N.T.S.



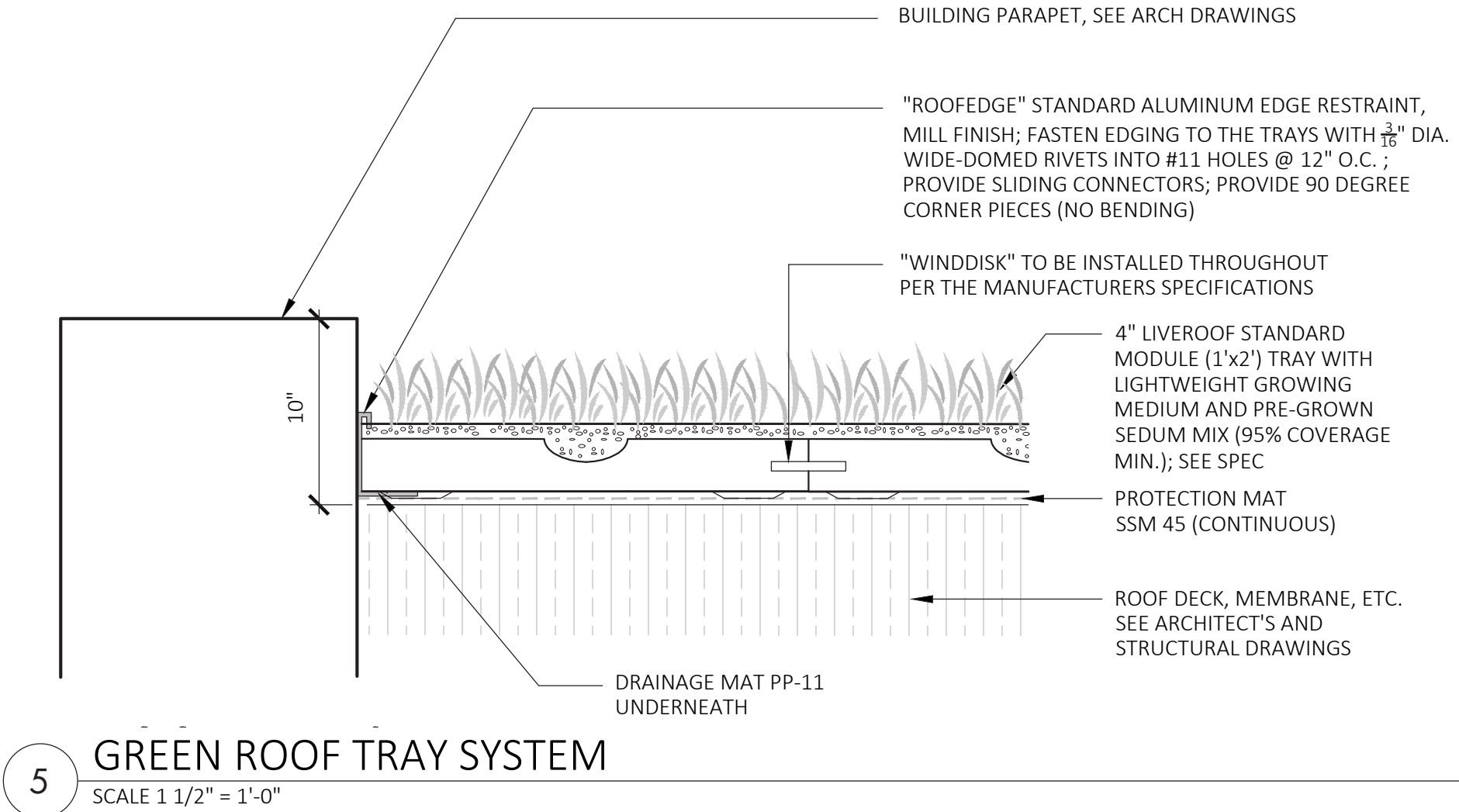
2 SHRUB PLANTING
N.T.S.



3 GROUNDCOVER PLANTING
N.T.S.



4 PERMEABLE UNIT PAVER
SCALE 1 1/2" = 1'-0"



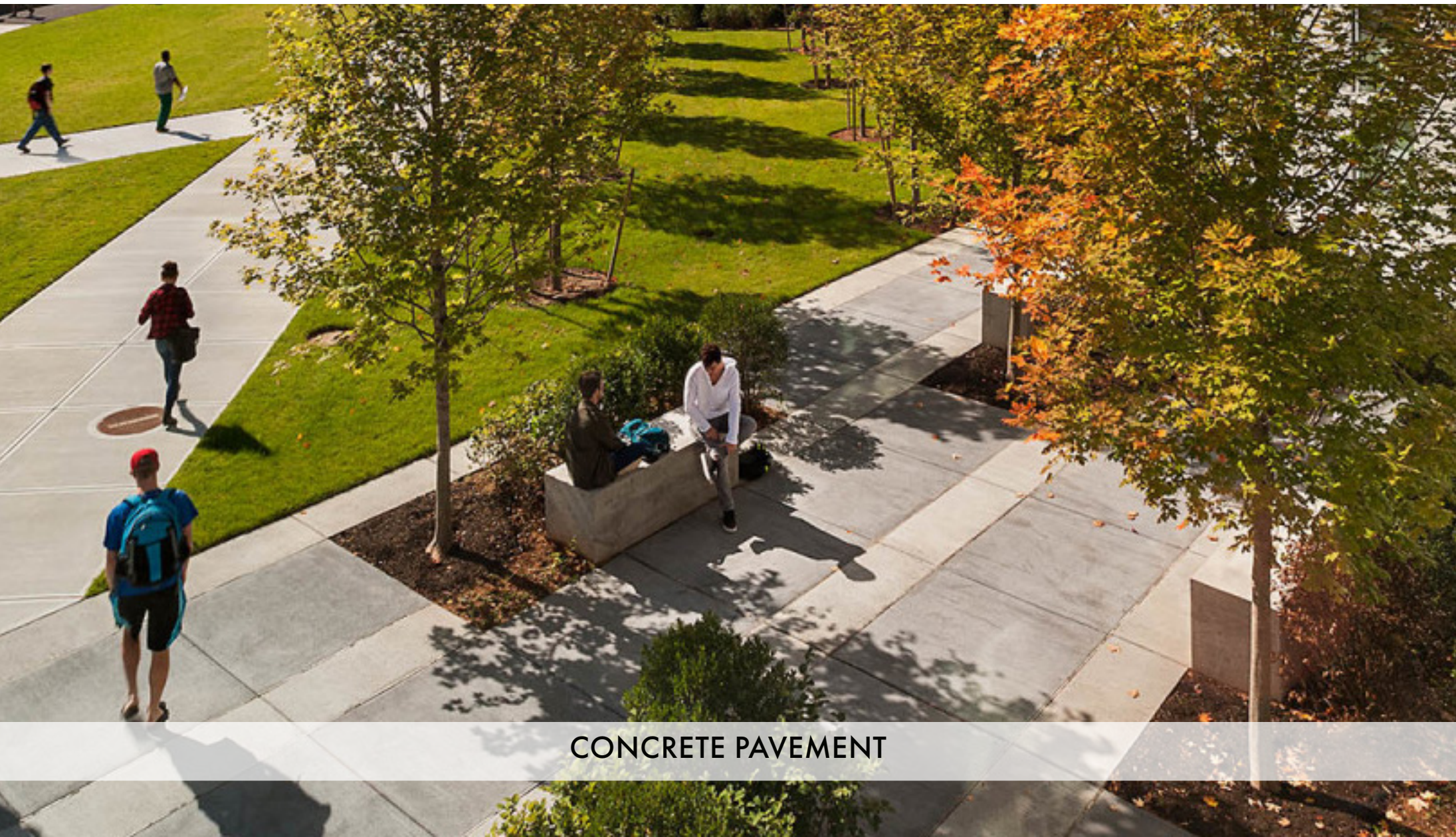
5 GREEN ROOF TRAY SYSTEM
SCALE 1 1/2" = 1'-0"

Somerville Green Score					
		Area or Number	(sf per civil plot plan)		
		7,579	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
Landscaped area with a soil depth equal to or greater than 24 inches		580	actual sq ft	0.6	348
Pervious Paving with 6 to 24 inches of subsurface soil or gravel		0	actual sq ft	0.2	0
Pervious Paving with more than 24 inches of subsurface soil or gravel		241	actual sq ft	0.5	120.45
Groundcovers					
Turf grass, mulch, and inorganic surfacing materials		0	actual sq ft	0.1	0
Plants					
Vegetation less than two (2) feet tall at maturity		47	actual sq ft	0.2	9.4
Vegetation at least two (2) feet tall at maturity (Native Species)		58	12	0.4	278.4
Trees					
Small Tree		0	50	0.6	0
Large Tree (Native Species)		4	450	0.7	1260
Preserved Tree		0	65	0.8	0
Engineered Landscape					
Vegetated Wall		0	actual sq ft	0.1	0
Rain gardens, bioswales, and stormwater planters		0	actual sq ft	1.0	0
Green Roof with up to 6" of growth medium		573	actual sq ft	0.1	57.3
Green Roof with 6"-10" of growth medium		0	actual sq ft	0.4	0
Green Roof of 10"-24" growth medium		0	actual sq ft	0.6	0
Green Roof of over 24" growth medium		N/A	Calculate as if soils, groundcovers, plants, and trees		

Green Score = 0.274				
Green Score District Requirements				
NR & UR	MR3 & MR4	MR5, MR6, & 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:	0.274	0.274	0.274	0.274



WOOD DECKING



CONCRETE PAVEMENT



SWEET PEPPER BUSH



GREENROOF PLANTING



PERMEABLE PAVERS



JAPANESE FOREST GRASS



VISION IN WHITE ASTILBE



INKBERRY HOLLY