

7 Washington Street

Landscape Concept

MDLA

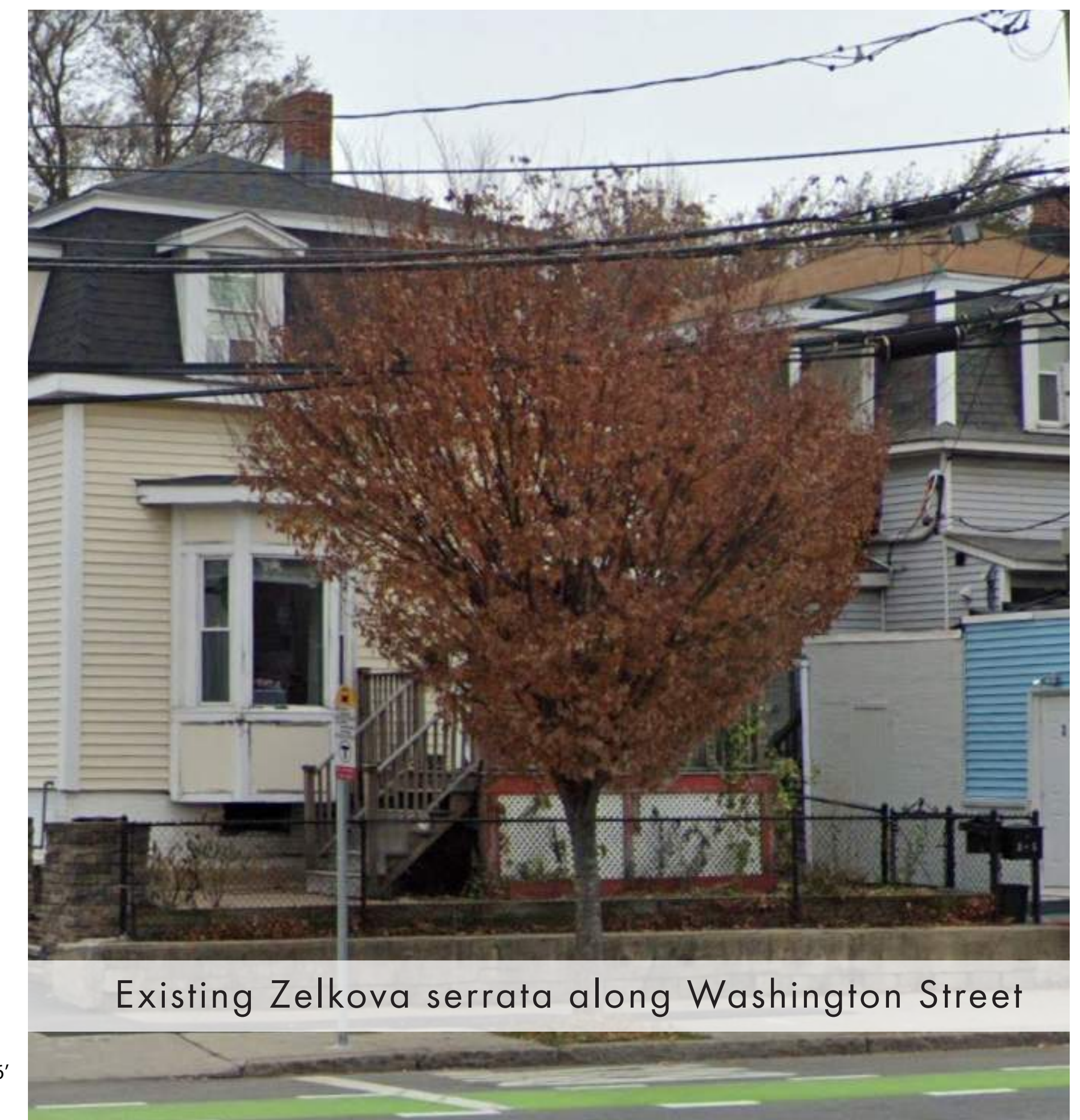
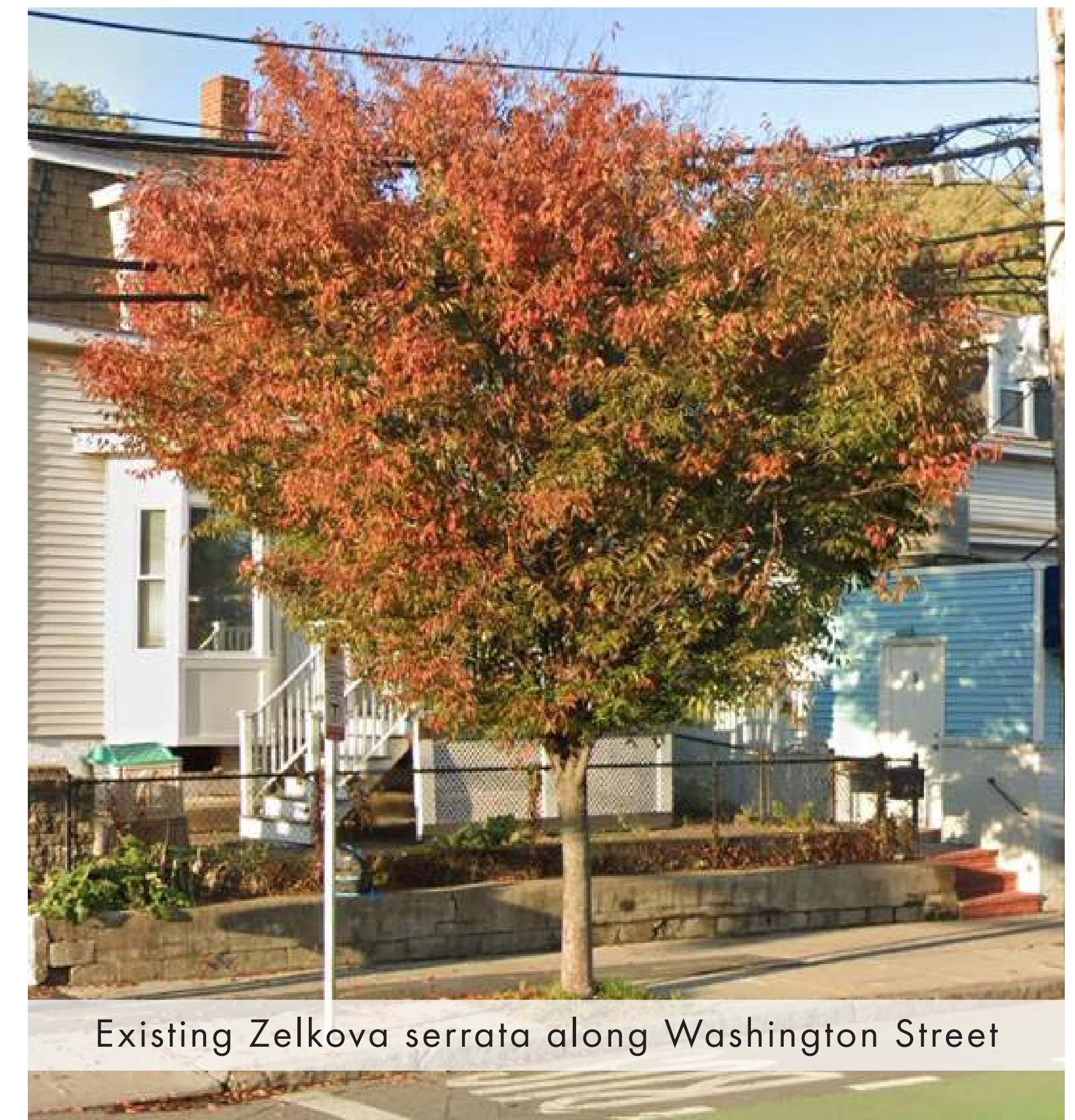
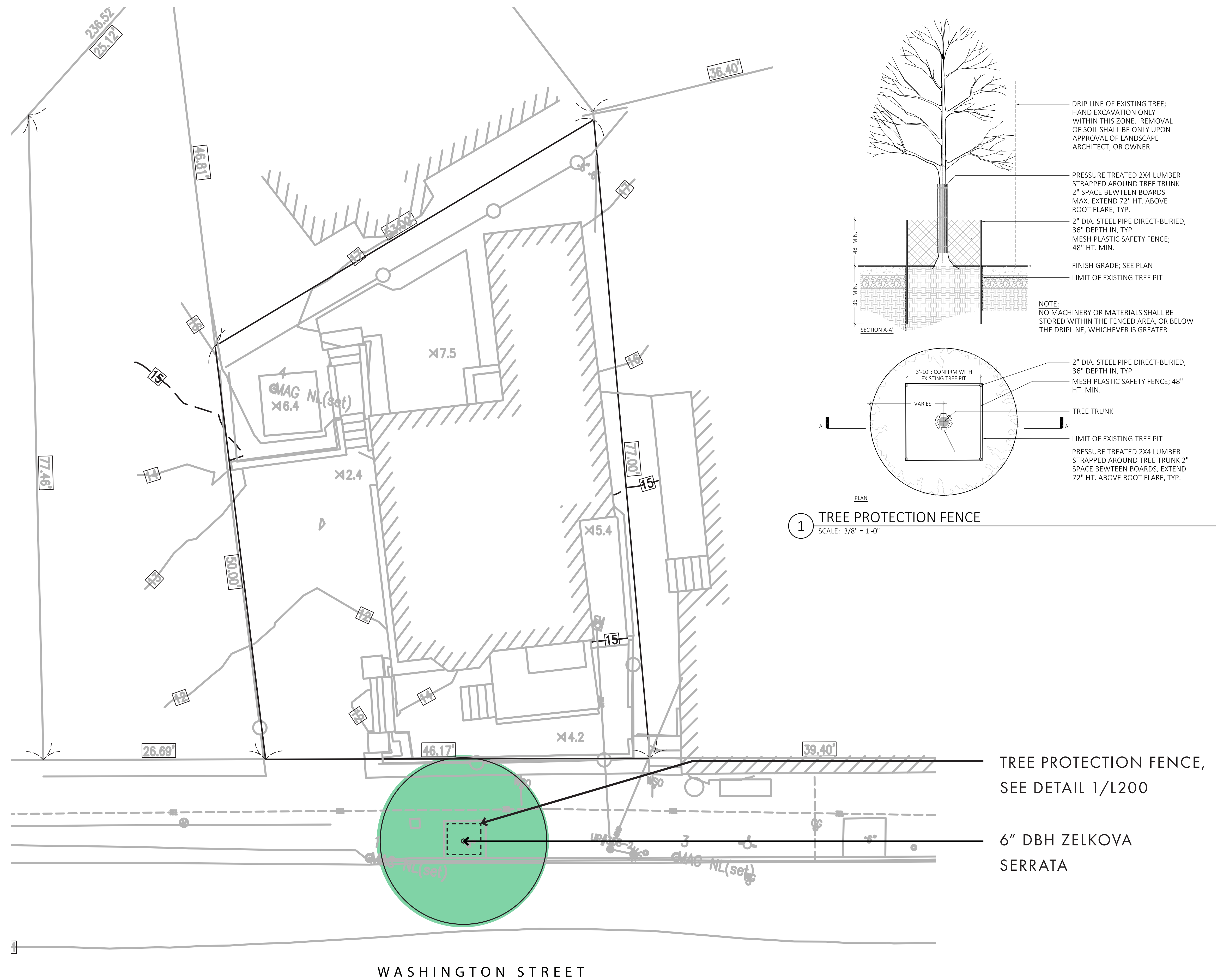
MICHAEL D'ANGELO landscape architecture

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7 Washington Street | L100-Existing Conditions

Somerville, MA



7 Washington Street | L200-Existing Tree Analysis

Somerville, MA



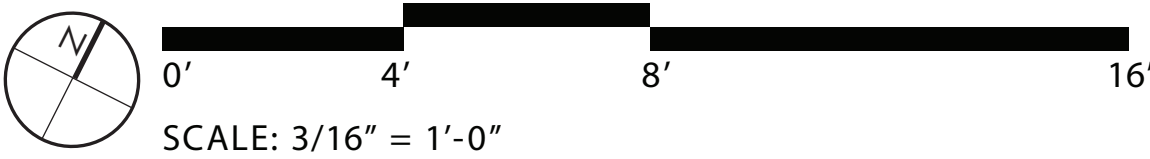
PLANT SCHEDULE					
SYMBOL	QTY.	LATIN NAME	COMMON NAME	SIZE	NOTES
TREES					
QB	2	QUERCUS BICOLOR 'BONNIE AND MIKE'	BEACON OAK	3.5"-4" CAL.	B&B, 6' CLEAR BRANCHING
EVERGREEN SHRUBS					
IG	5	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	3'-3.5' TALL	36" O.C.; 3 GALLON
LF	2	LEUCOTHOE FONTANESIANA	SWITCH IVY	3' TALL	36" O.C.; 3 GALLON
PERENNIALS AND ORNAMENTAL GRASSES					
CP	20	CAREX PENNSYLVANICA	PENNSYLVANIA SEDGE	1 GAL	18" O.C.
LS	38	LIRIOPE SPICATA	LILY TURF	1 GAL	18" O.C.
PV	30	PANICUM VIRGATUM	SWITCH GRASS	1 GAL	18" O.C.
TC	18	TIARELLA CORDIFOLIA	FOAM FLOWER	1 GAL	18" O.C.

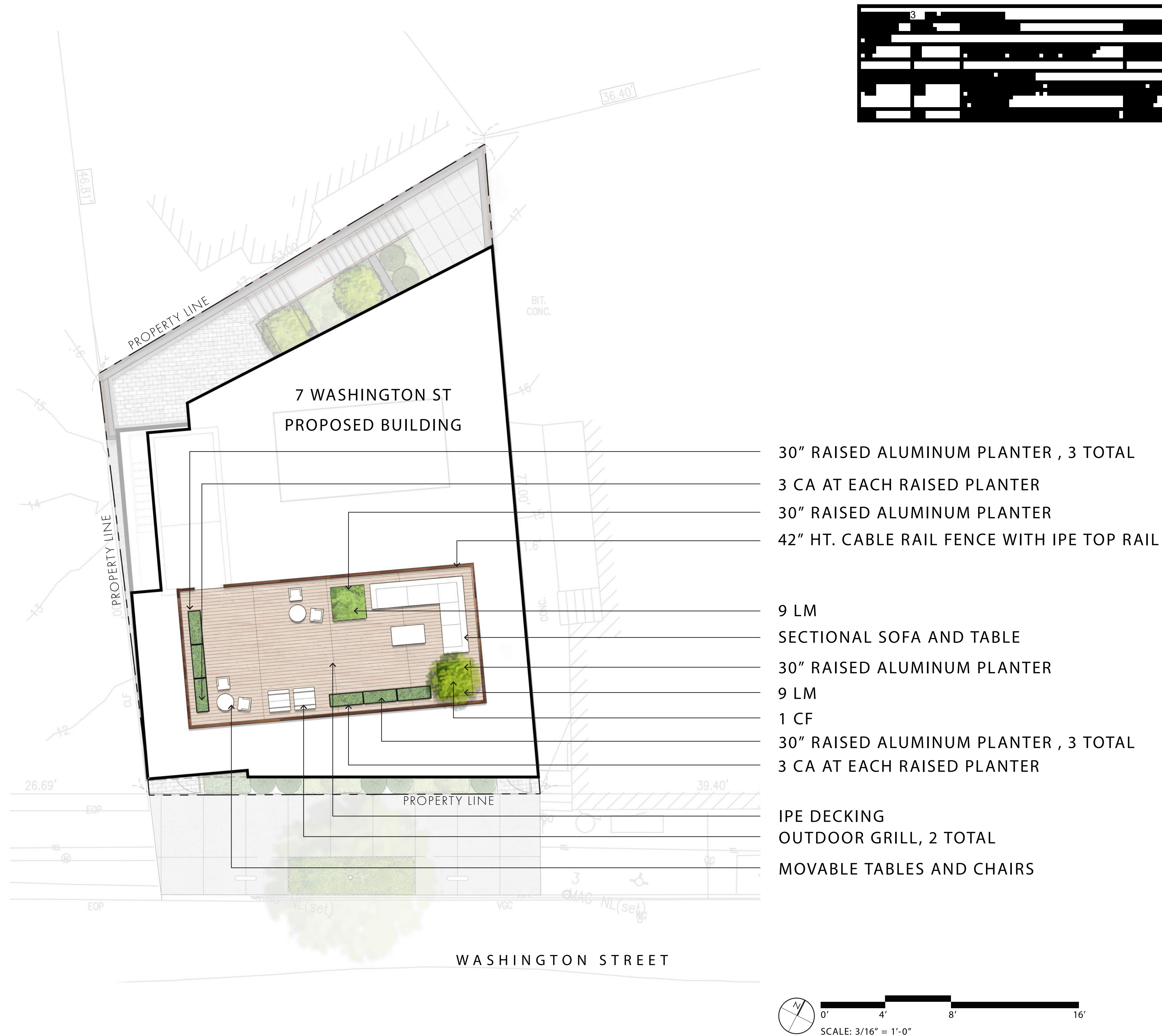
CAST IN PLACE CONCRETE RETAINING WALL,
SEE STRUCTURAL/CIVIL DRAWINGS



- 2 QB
- 18 LS
- CONCRETE STAIRS WITH STAINLESS STEEL HANDRAIL
- 6' HT. CEDAR PRIVACY FENCE, STEPS WITH TOP OF RETAINING WALL
- CONCRETE PATIO
- 18 TC
- 6 CP
- BASEMENT LEVEL PATIO WITH PERMEABLE PAVERS - FFE 1.00
- RETAINING WALL, SEE ARCHITECTURE DRAWINGS
- BUILDING OVERHANG
- 2 LF
- 12 CP
- 42" HT. METAL GUARDRAIL
- CAST IN PLACE CONCRETE RETAINING WALL WITH 42" GUARDRAIL
- PERMEABLE PAVERS AT 1ST FLOOR PATIO SPACE

- PERMEABLE PAVERS
- 20 LS
- 5 IG
- BUILDING OVERHANG
- 7 PV
- 16 PV
- PERMEABLE PAVERS
- 7 PV
- CONCRETE PAVEMENT AT SIDEWALK, SCORING TO MATCH EXISTING ALONG WASHINGTON STREET
- CITY OF SOMERVILLE STANDARD BIKE RACK, BLACK POWDERCOATED STEEL
- PRESERVE AND PROTECT EXISTING TREE TO REMAIN
- CITY OF SOMERVILLE STANDARD BIKE RACK, BLACK POWDERCOATED STEEL





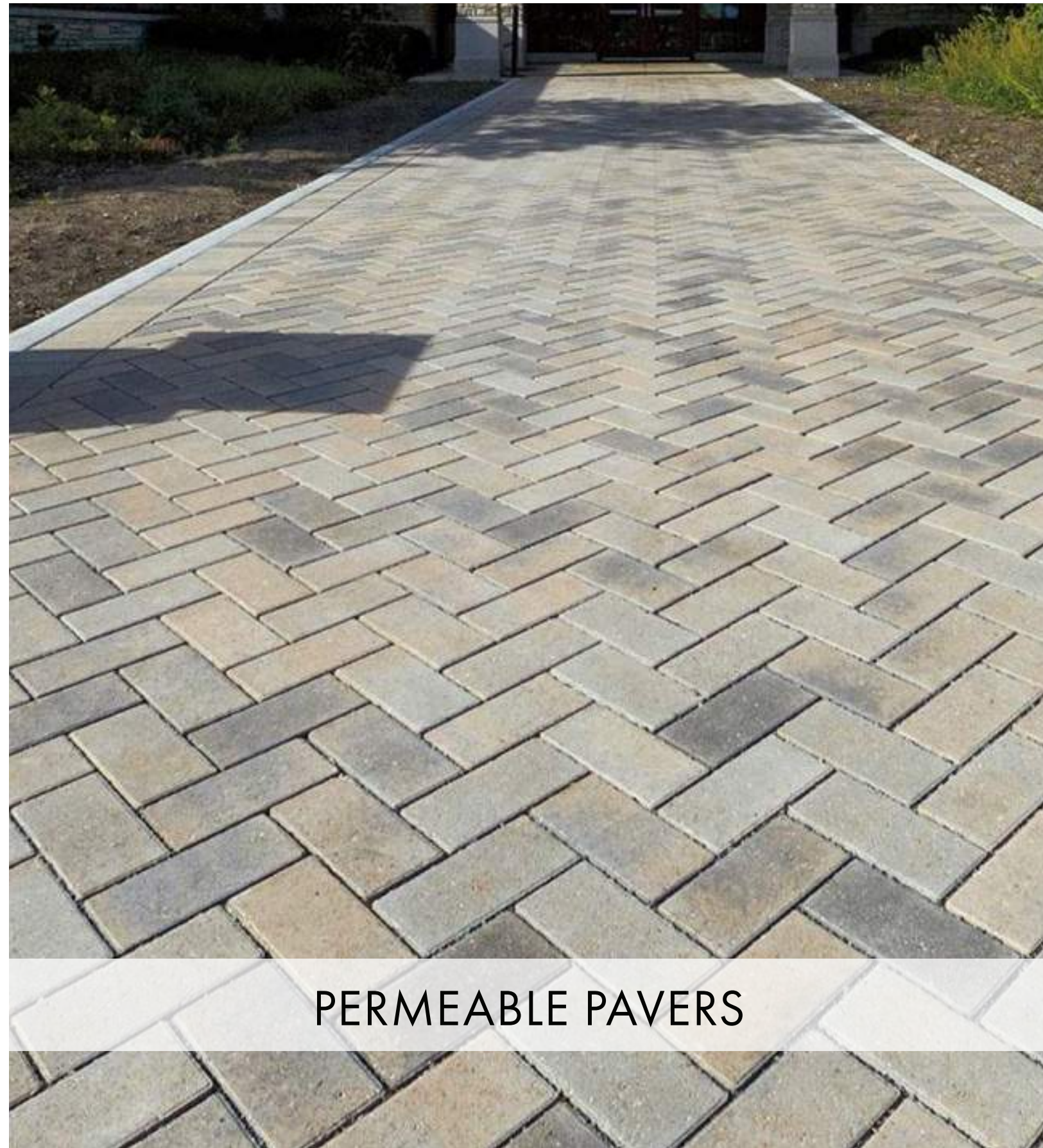
7 Washington Street | L400-Roof Terrace Plan

Somerville, MA

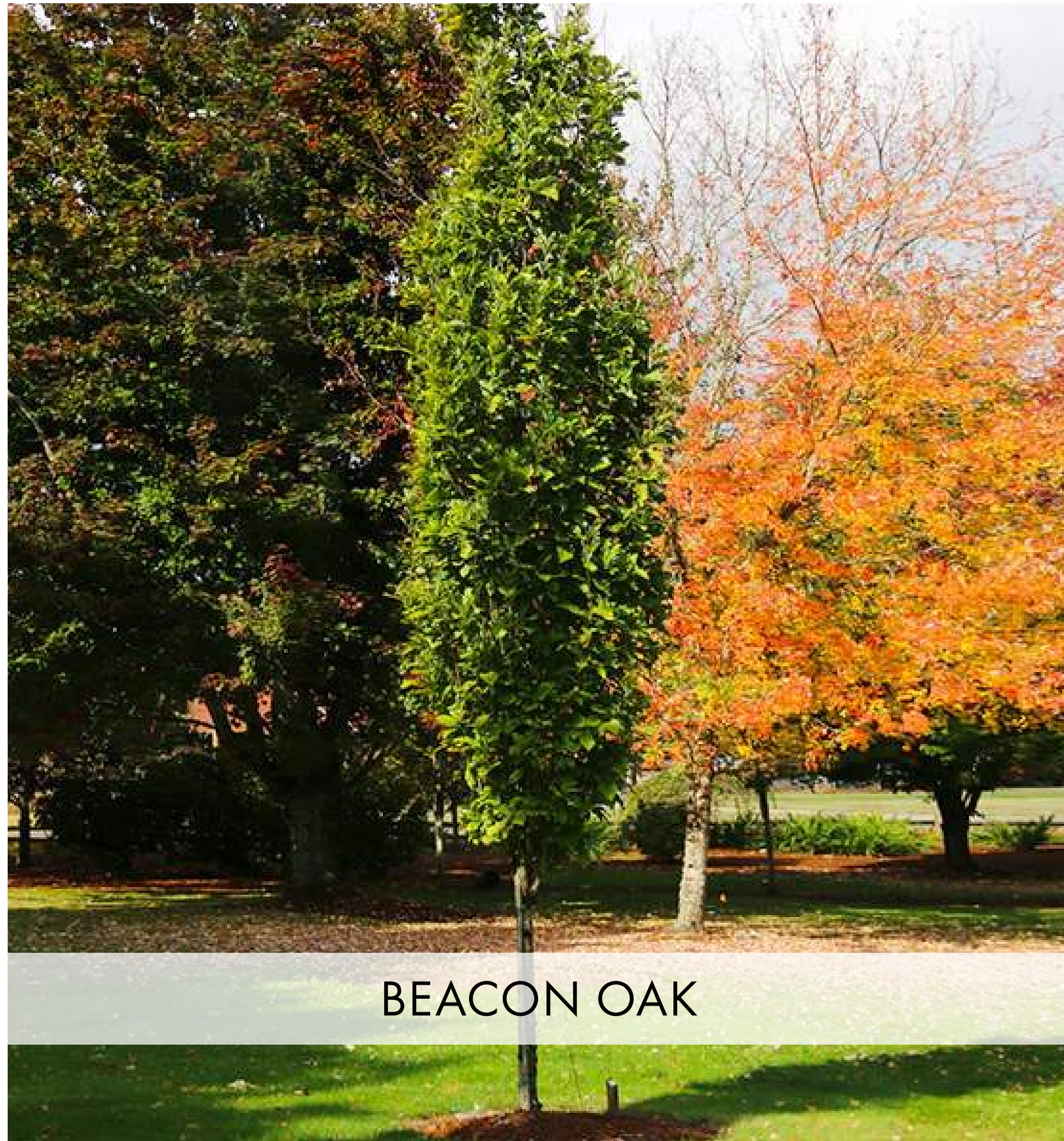


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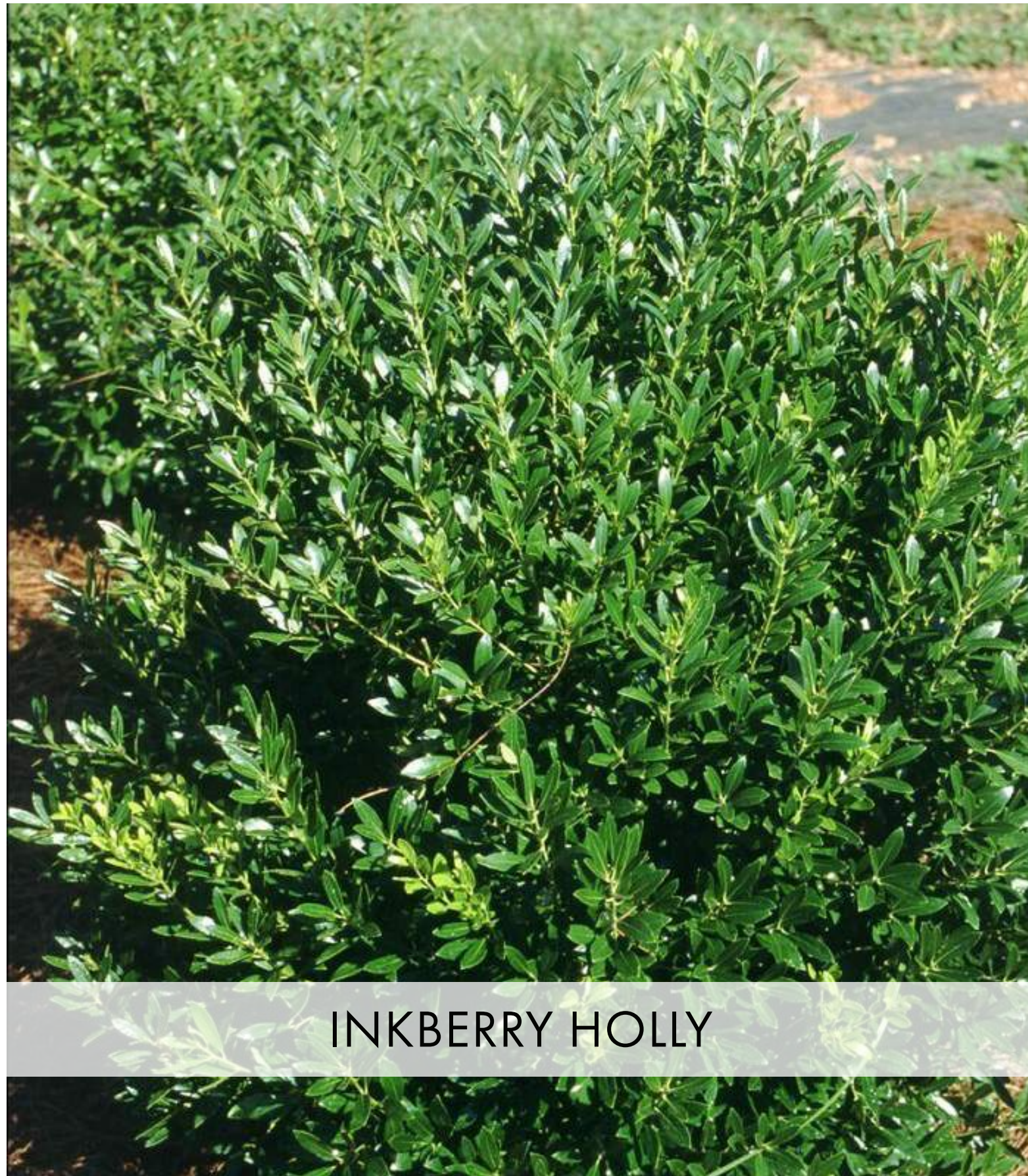
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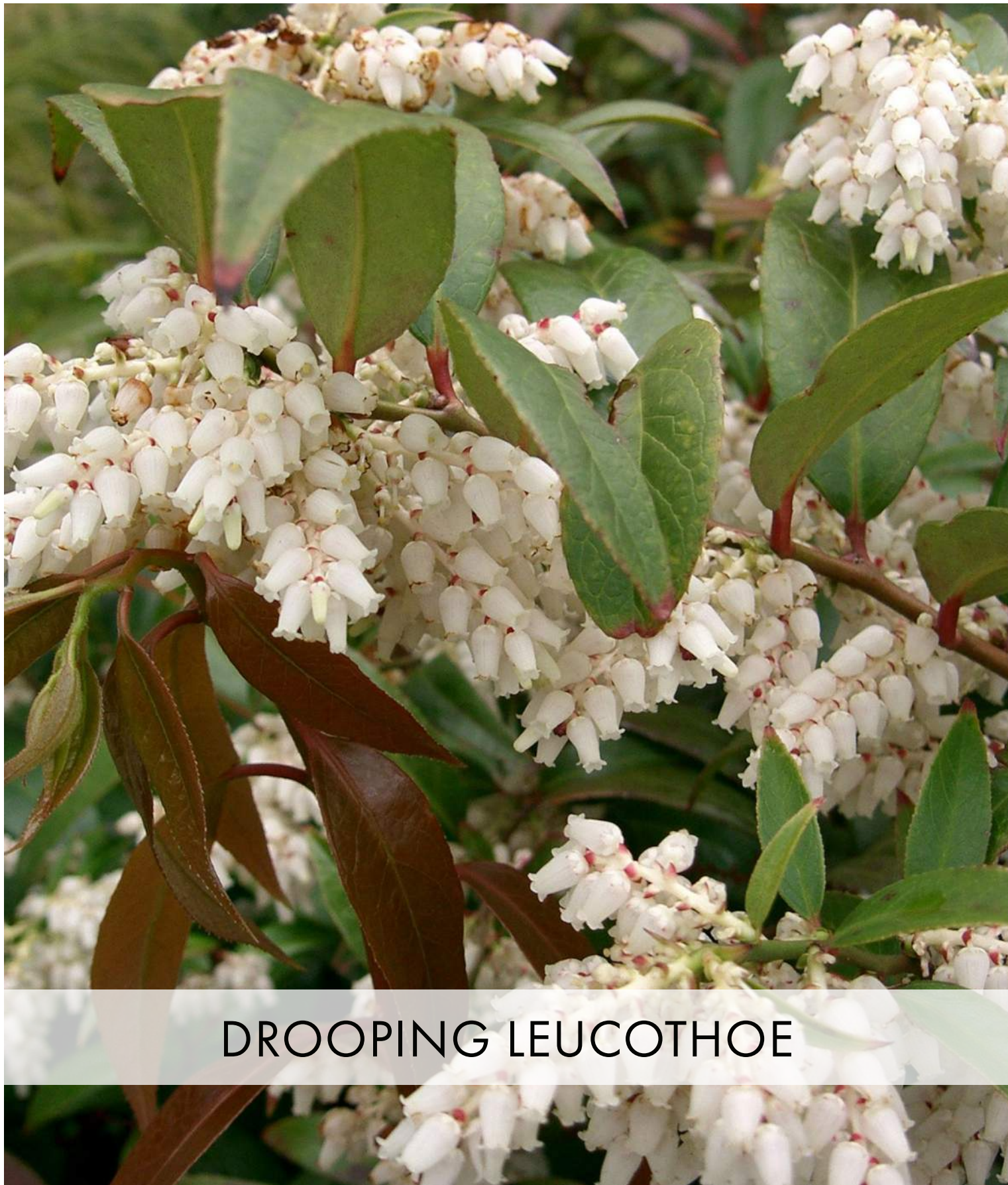
PERMEABLE PAVERS



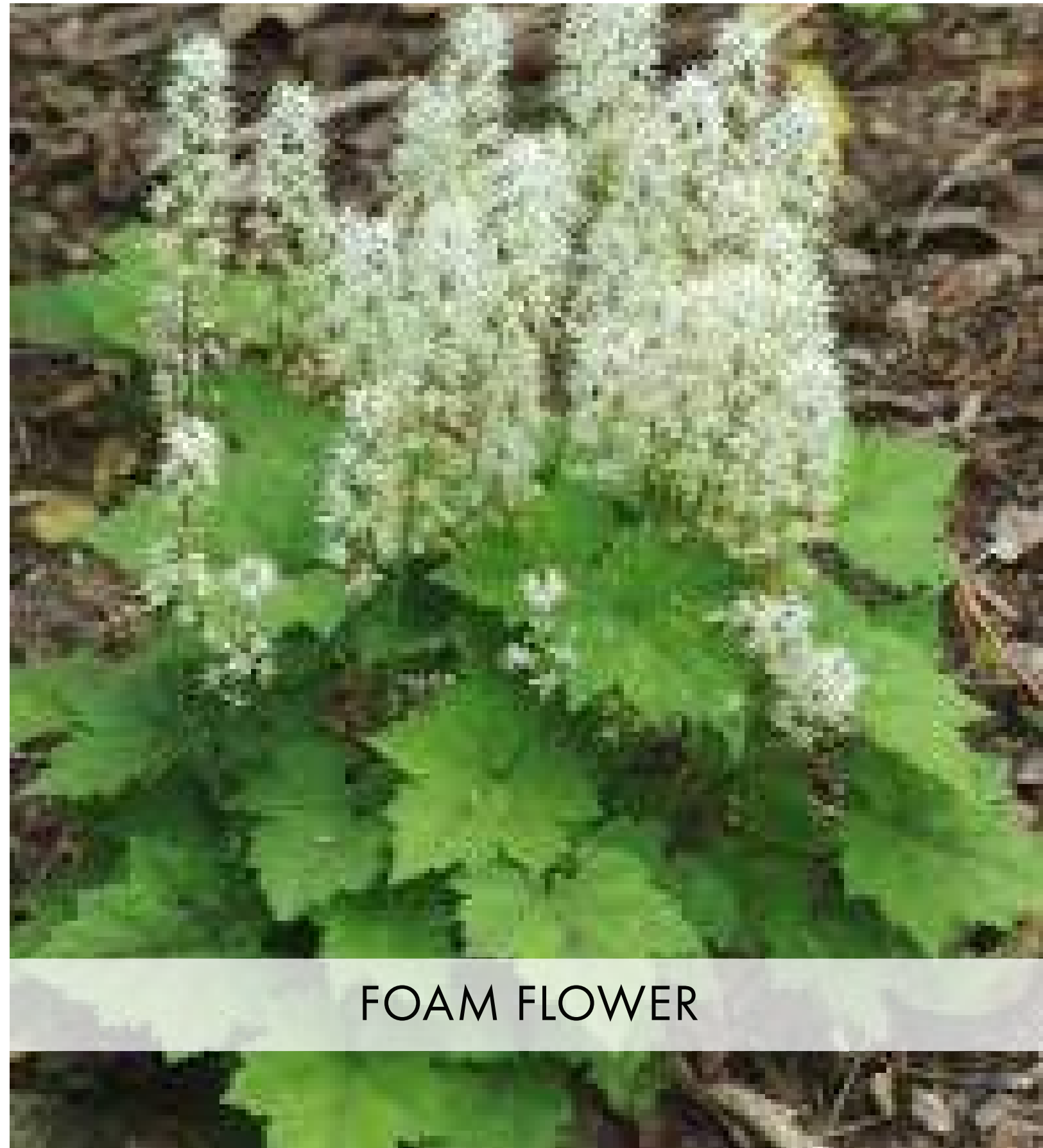
BEACON OAK



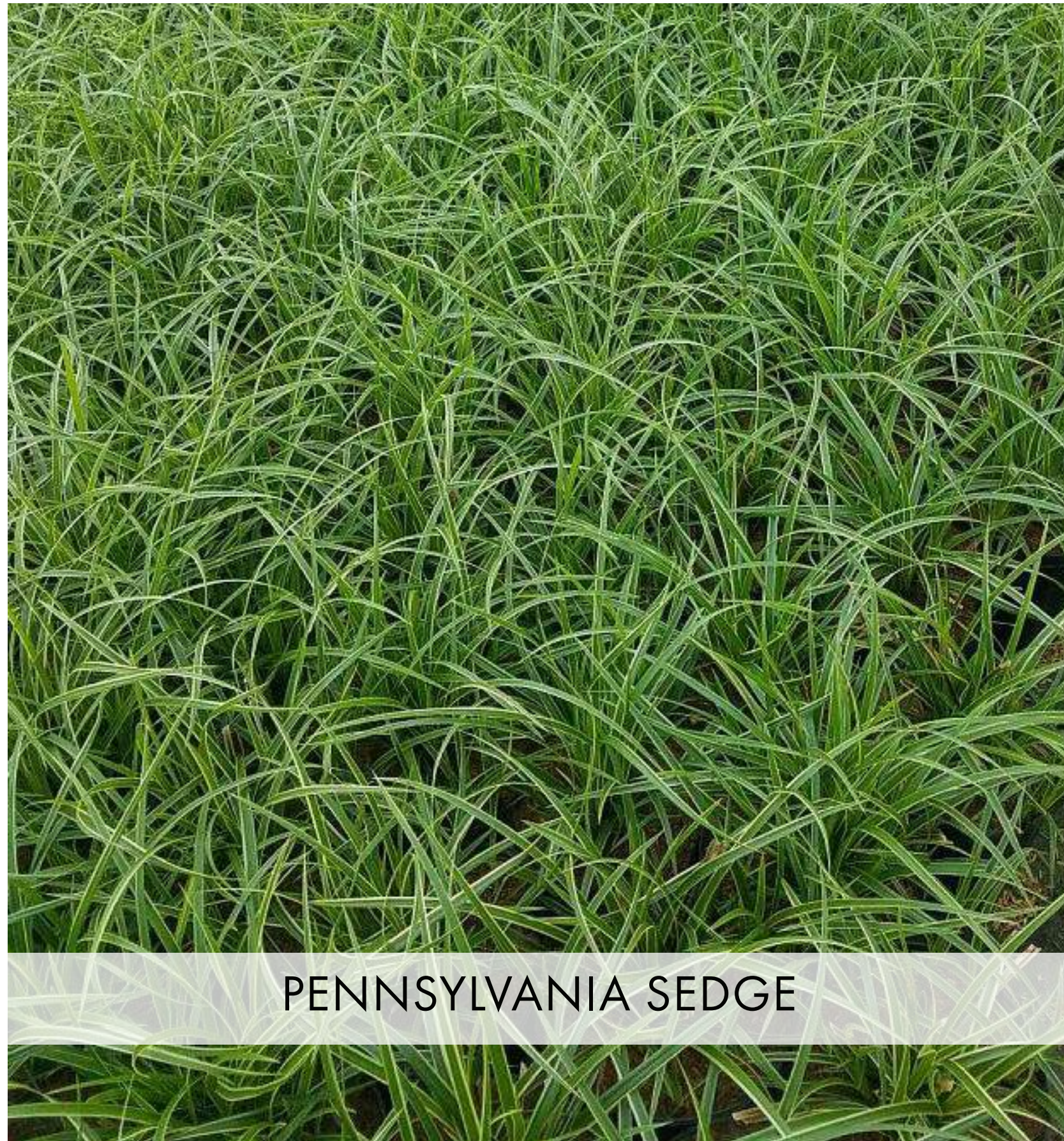
INKBERRY HOLLY



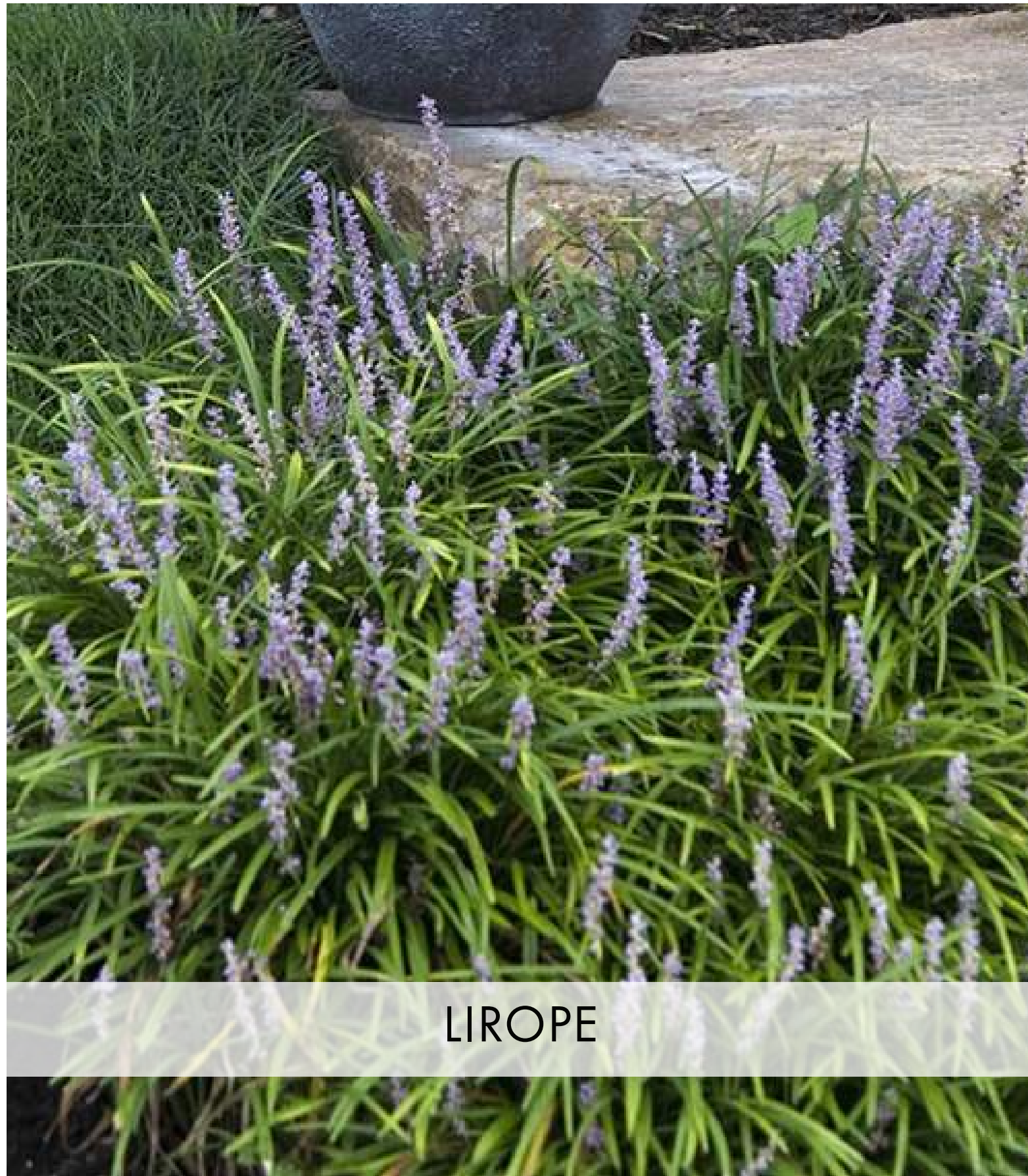
DROOPING LEUCOTHOE



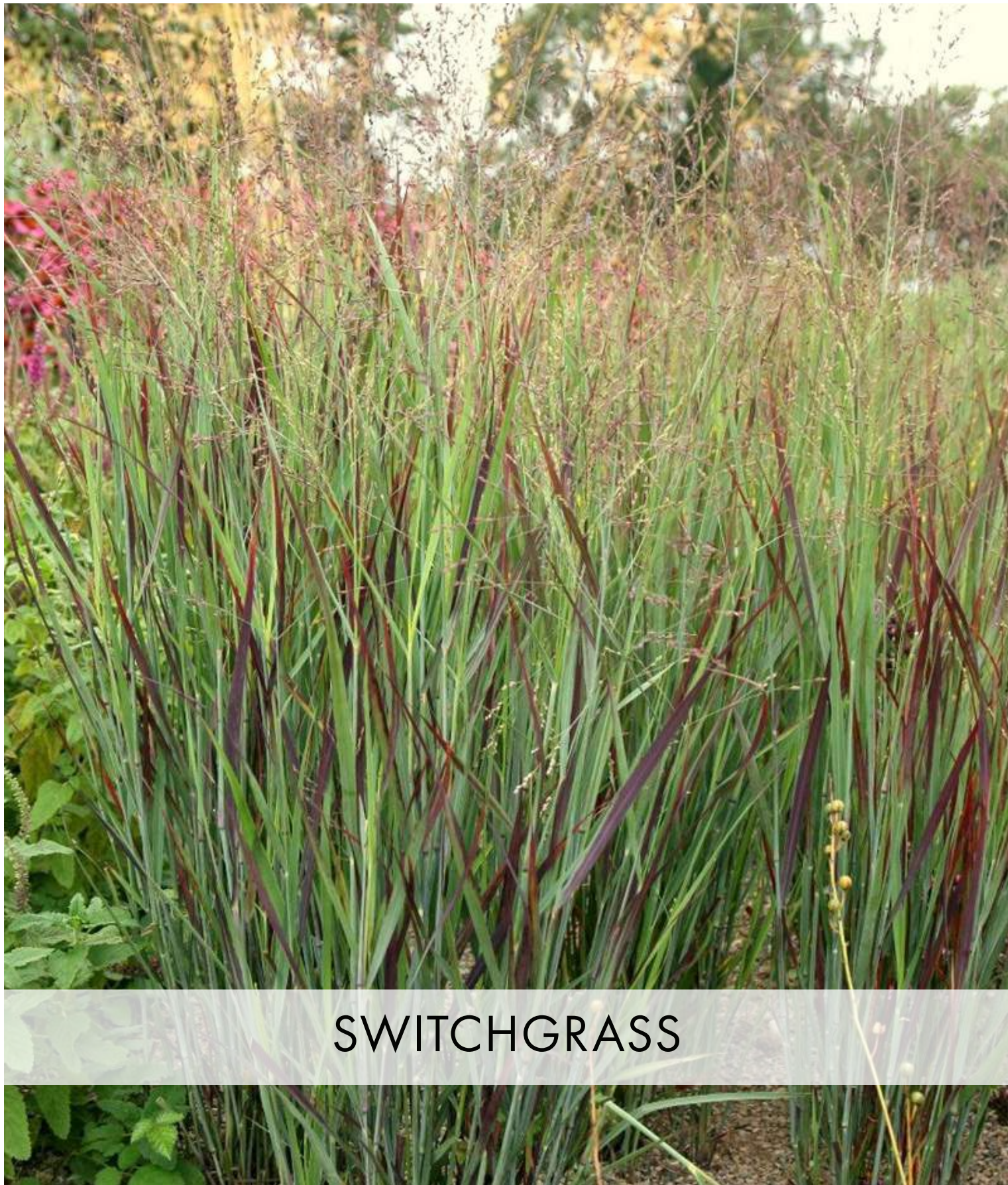
FOAM FLOWER



PENNSYLVANIA SEDGE

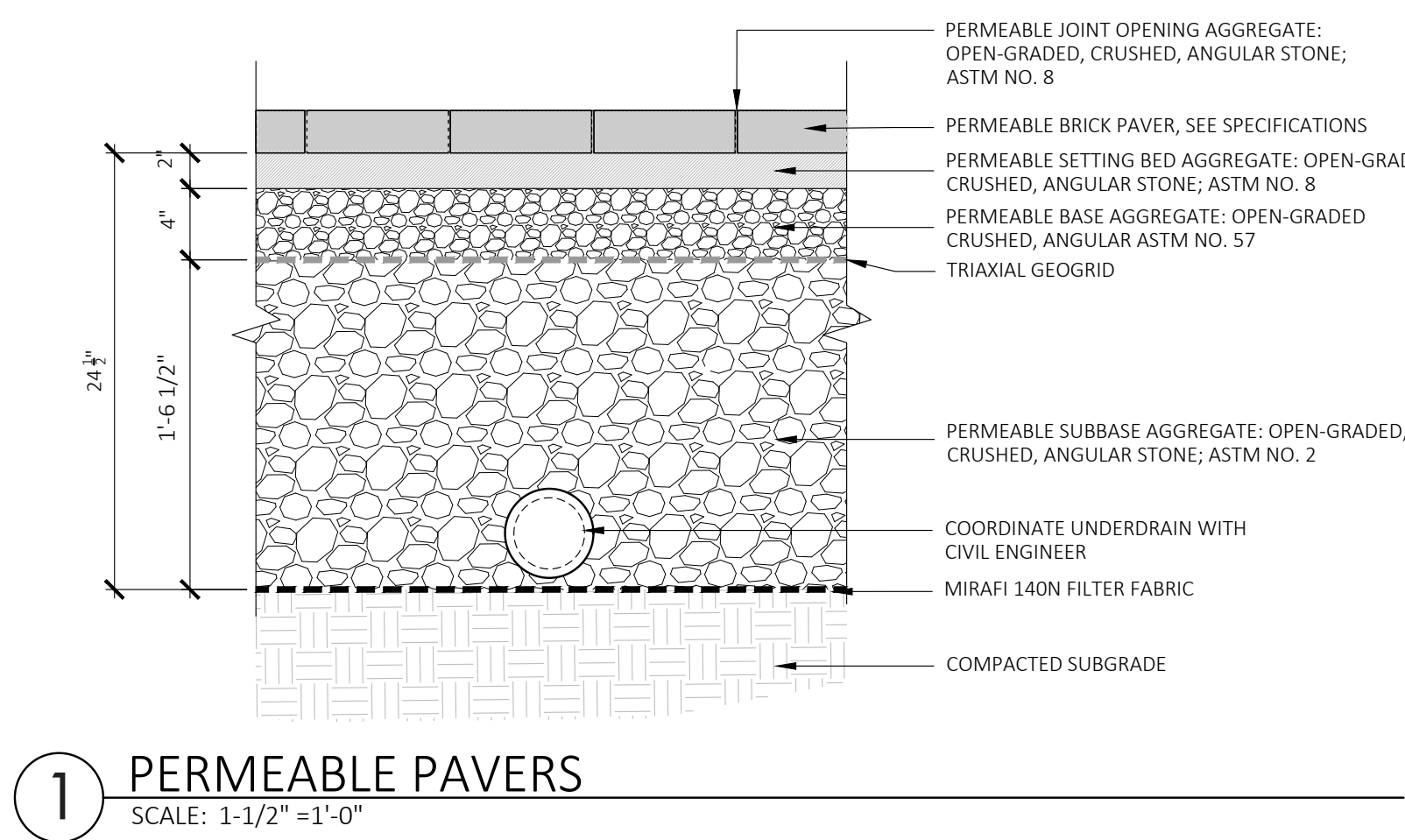


LIROPE

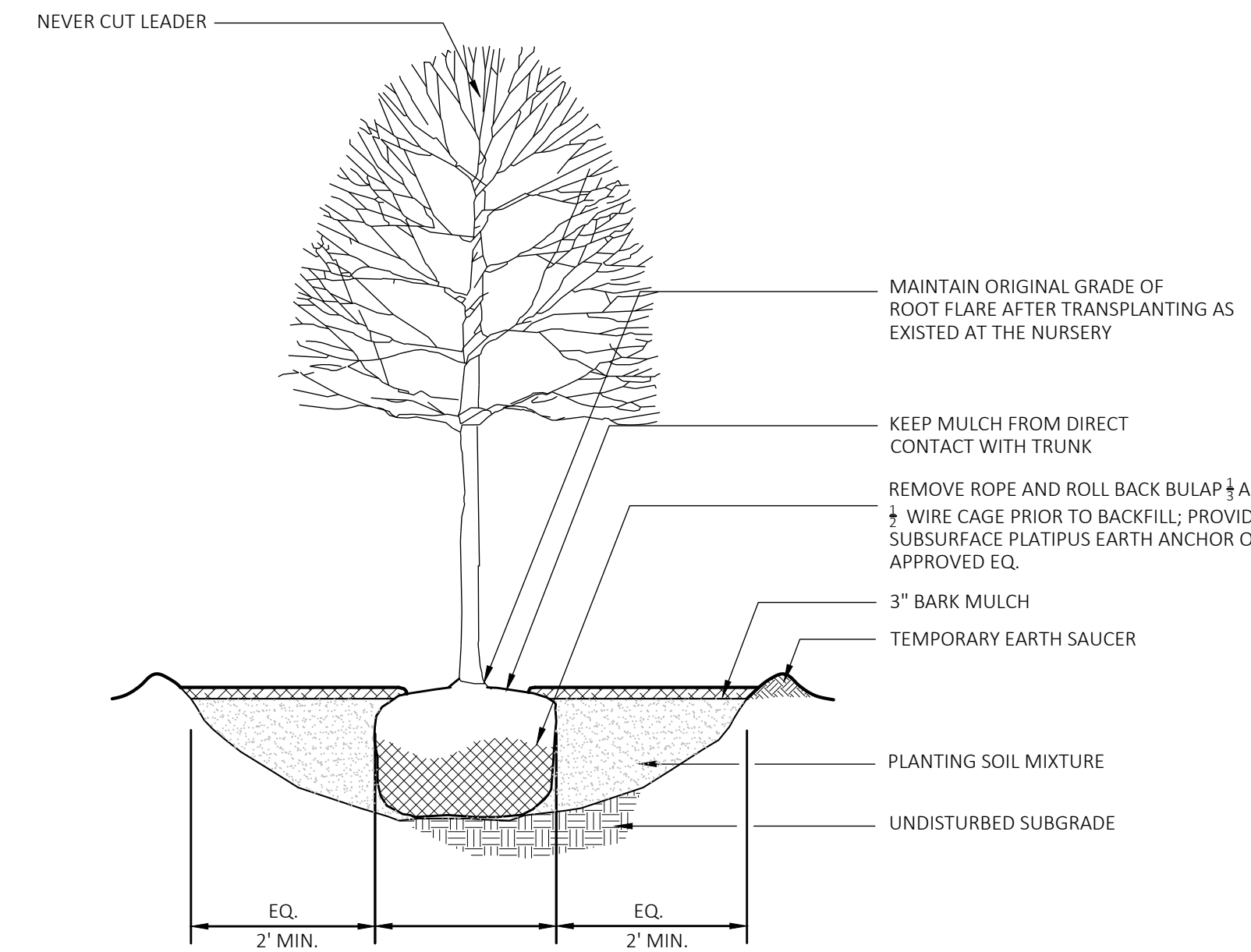


SWITCHGRASS

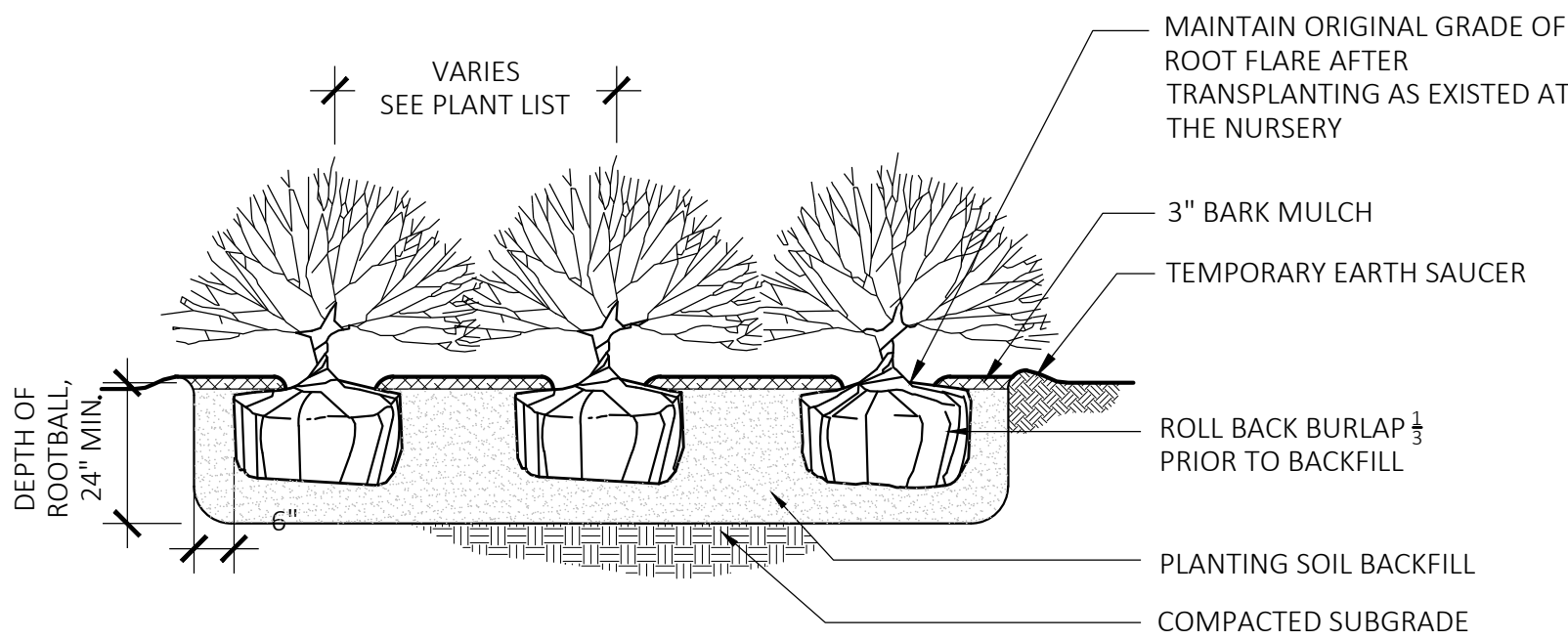




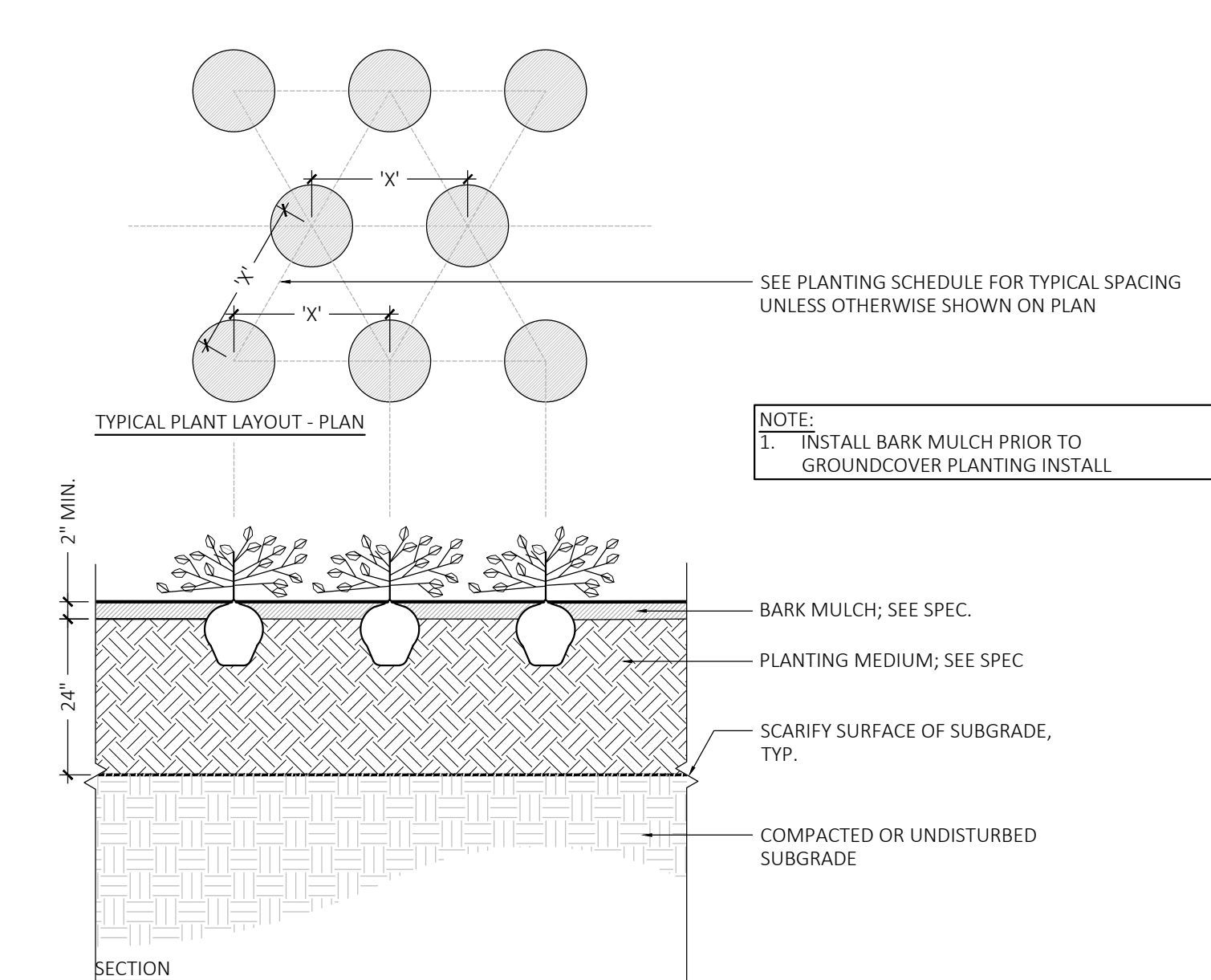
1 PERMEABLE PAVERS
SCALE: 1-1/2" = 1'-0"



2 DECIDUOUS TREE PLANTING
SCALE: N.T.S.



4 SHRUB PLANTING
SCALE: N.T.S.



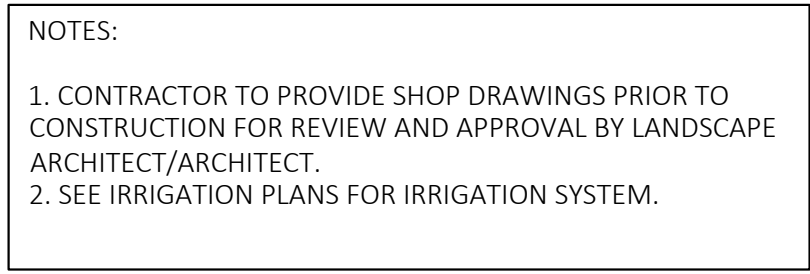
3 GROUNDCOVER/PERENNIAL PLANTING
SCALE: N.T.S.

Somerville Green Score						
DIRECTIONS: 1. Enter the Lot Area in square feet to the right >>> 2. Enter the area in square feet or the number of landscape elements		Area or Number				
		2,983				
Soils			Sq Ft Credit	Multiplier	Weighted Area	Score Value
Landscaped area with a soil depth less than 24 inches <i>(enter square feet)</i>		33	actual sq ft	0.3	9.9	0.003
Landscaped area with a soil depth equal to or greater than 24 inches <i>(enter square feet)</i>		222	actual sq ft	0.6	133.2	0.045
Pervious Paving with 6 to 24 inches of subsurface soil or gravel <i>(enter square feet)</i>			actual sq ft	0.2	0	0.000
Pervious Paving with more than 24 inches of subsurface soil or gravel <i>(enter square feet)</i>		170	actual sq ft	0.5	85	0.028
Groundcovers						
Turf grass, mulch, and inorganic surfacing materials <i>(enter square feet)</i>		0	actual sq ft	0.1	0	0.000
Plants						
Vegetation less than two (2) feet tall at maturity <i>(enter square feet)</i>		83	actual sq ft	0.2	16.5	0.006
Vegetation less than two (2) feet tall at maturity <i>(enter square feet)</i> (0.1 native)		62	actual sq ft	0.3	18.6	0.006
Vegetation less than two (2) feet tall at maturity <i>(enter square feet)</i> (0.1 native + 0.1 public vis)		36	actual sq ft	0.4	14.4	0.005
Vegetation at least two (2) feet tall at maturity <i>(enter number of individual plants)</i>		2	12	0.3	7.2	0.002
Vegetation at least two (2) feet tall at maturity <i>(enter number of individual plants)</i> (+0.1 public + 0.1 native)		5	12	0.5	30	0.010
Trees						
Small Tree <i>(enter number of trees)</i>		1	50	0.6	30	0.010
Large Tree <i>(enter number of trees)</i> (+0.1 native)		2	450	0.7	630	0.211
Preserved Tree <i>(enter DBH)</i>		0	65	0.8	0	0.000
Engineered Landscape						
Vegetated Wall <i>(enter square feet)</i>		0	actual sq ft	0.1	0	0.000
Rain gardens, bioswales, and stormwater planters <i>(enter square feet)</i>		0	actual sq ft	1.0	0	0.000
Green Roof with up to 6” of growth medium <i>(enter square feet)</i>		0	actual sq ft	0.1	0	0.000
Green Roof with 6”-10” of growth medium <i>(enter square feet)</i>		0	actual sq ft	0.4	0	0.000
Green Roof of 10”-24” growth medium <i>(enter square feet)</i>		0	actual sq ft	0.6	0	0.000
Green Roof of over 24” growth medium		N/A	Calculate as if soils, groundcovers, plants, and trees			

Required Score:
Target Score:
Actual Green Score:

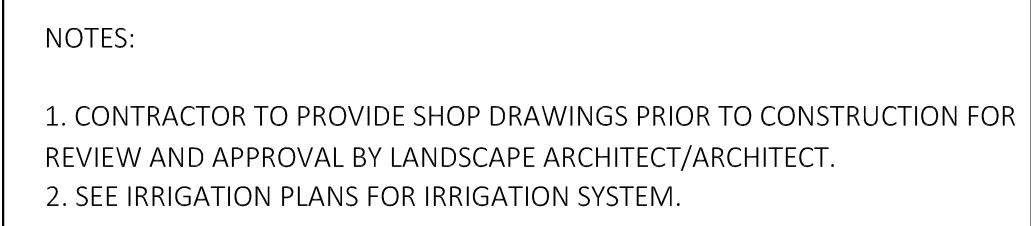
Green Score = 0.327			
Green Score District Requirements			
NR & UR	MR3 & MR4	MR5, MR6, & HR	FAB, CC, CB, CI
0.35	0.25	0.20	0.20
0.40	0.3	0.25	-
0.327	0.327	0.327	0.327





SCALE: $\frac{3}{4}" = 1'-0"$

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SCALE: 1-1/2" = 1'-0"

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A circular professional seal for Michael D'Angelo, a Registered Landscape Architect in the State of Massachusetts. The seal features the text "MASSACHUSETTS" at the top, "MICHAEL D'ANGELO" in the center, and "REGISTERED LANDSCAPE ARCHITECT" at the bottom. A small outline of the state of Massachusetts is positioned below the name. The number "NO. 4008" is located at the bottom of the seal. The seal is surrounded by a decorative border of small stars.

MICHAEL D'ANGELO landscape architecture