



PLANT LIST 32-40 WHITE				
KEY	QTY	LATIN NAME	COMMON NAME	NOTES
TREES:				
CC	3	Cercis canadensis	Eastern Redbud	2-2.5' cal. B&B
GD	2	Gymnocladus dioica	Kentucky Coffeetree	2.5-3' cal. B&B
PT	2	Populus tremuloides	Quaking Aspen	2.5-3' cal. B&B
TA	1	Tilia americana	Basswood	2.5-3' cal. B&B
SHRUBS:				
RA	18	Rhus aromatica 'Gro Low'	Fragrant Suma	3 gal. Pots
PERENNIALS & GRASSES:				
ca	22	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	1 gal. Pots
cp	150	Carex pensylvanica	Pennsylvania Sedge	1 qt. Pots, 18" o.c.



6' Ht. Privacy Fence along Property Lines Where Noted SEE Plan



Permeable Unit Pavers at Transfomer Zone EcoPria by Unilock OR Similar



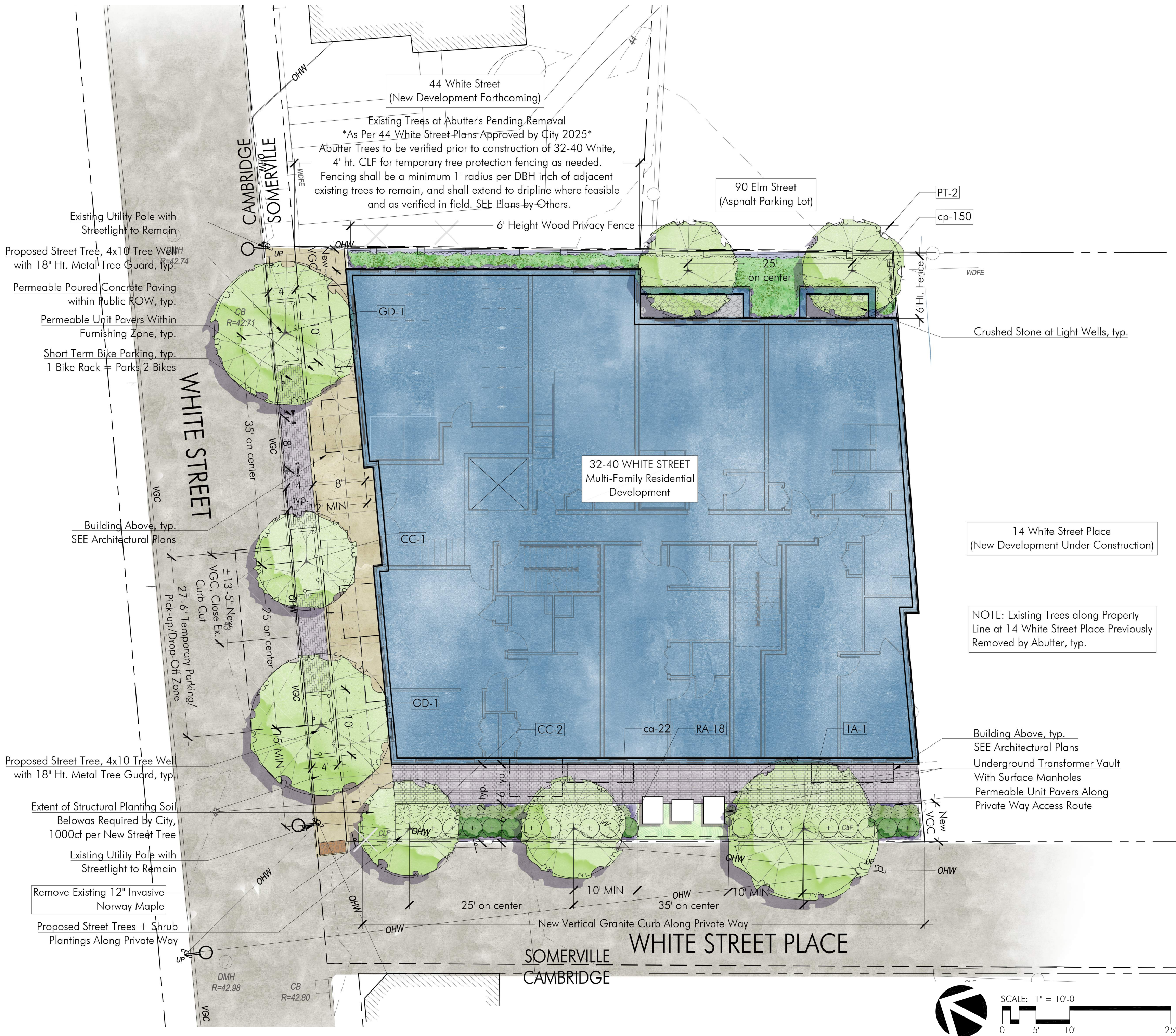
Permeable Unit Pavers Within Streetscapes EcoPria by Unilock OR Similar



18" Ht. Tree Guard at Street Trees Along White Street



Visitor Bike Rack Hoop by Dero OR Similar





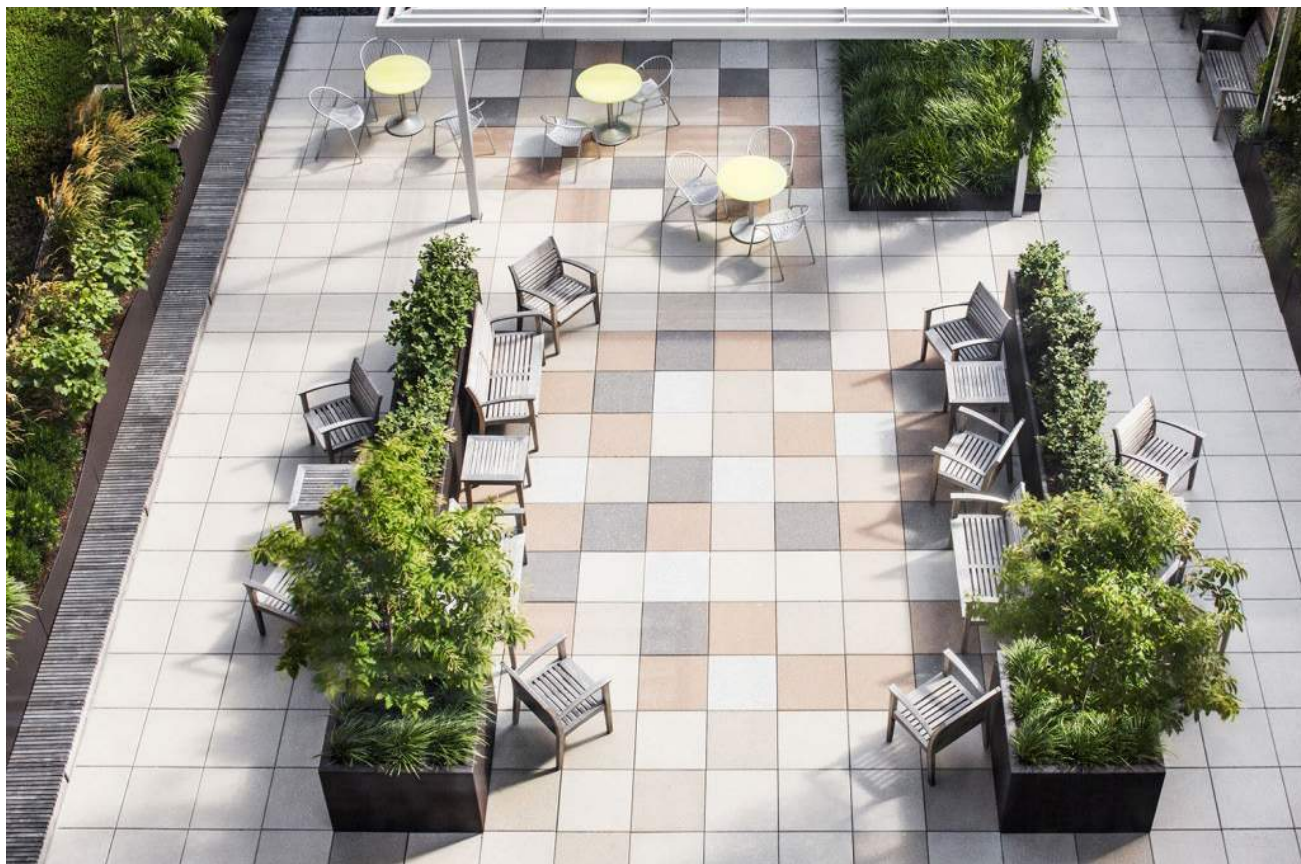
Crushed Stone Ballast and Sedum Green Roof



Lightweight Planters at Roof Decks for Screening



Variety of Gathering Spaces for Residents at Common Roof Deck (Roof Level)

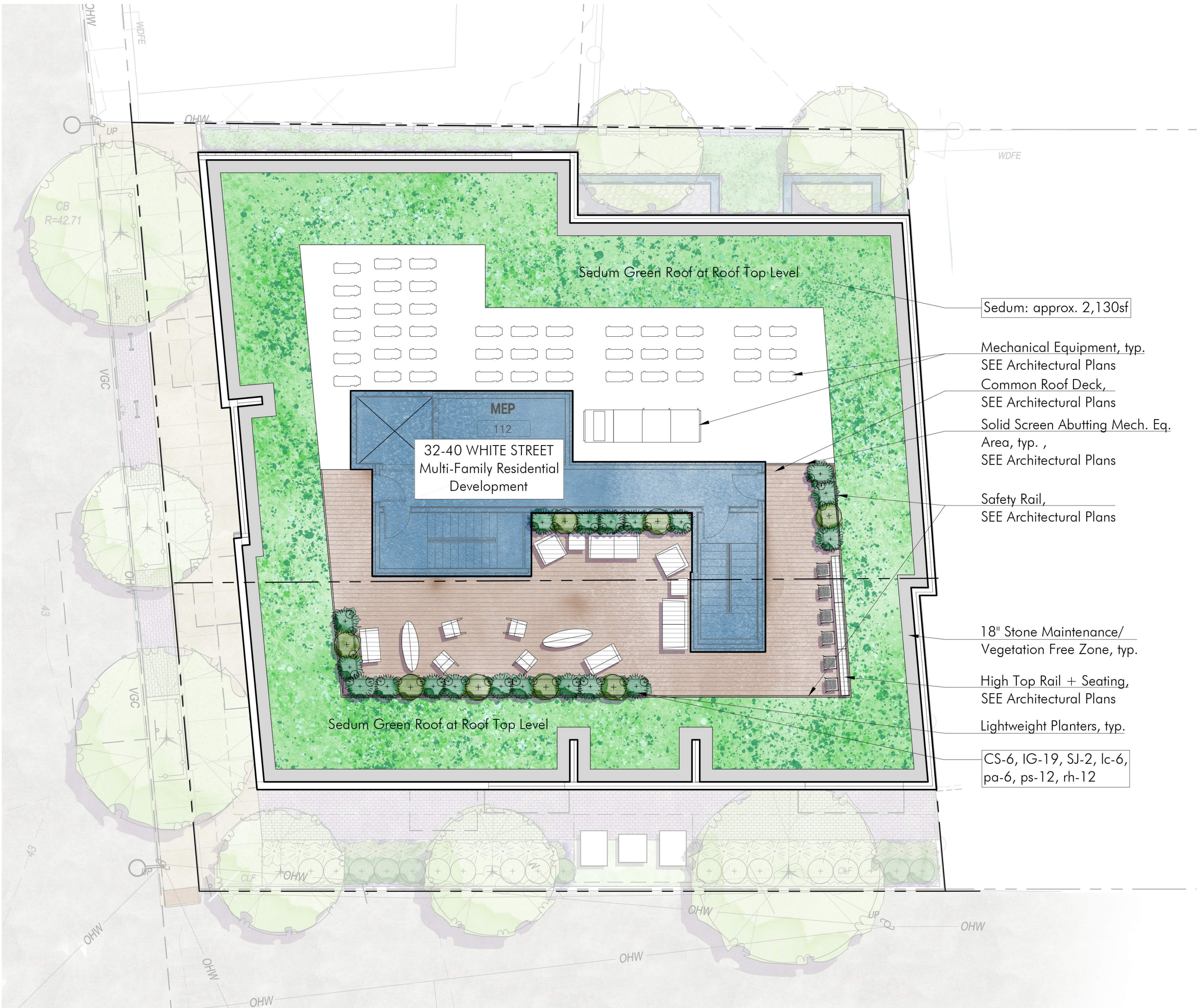


Variety of Gathering Spaces for Residents at Common Roof Deck (Roof Level)



PLANT LIST 32-40 WHITE ROOF DECK					
KEY	QTY	LATIN NAME	COMMON NAME	SIZE	NOTES
SHRUBS:					
CS	6	Cornus sericea 'Arctic Fire'	Dwarf Red Twig Dogwood	3 gal.	Pots
IG	19	Ilex glabra 'Gem Box'	Dwarf Inkberry	3 gal.	Pots
SJ	2	Spirea japonica 'Little Princess'	Dwarf Spirea	3 gal.	Pots
PERENNIALS & GRASSES:					
lc	6	Liatris cylindracea	Dwarf Blazing Star	1 gal.	Pots
pa	6	Perovskia atriplicifolia 'Little Spire'	Dwarf Russian Sage	1 gal.	Pots
ps	12	Phlox subulata	Creeping Phlox	1 qt.	Pots
rh	12	Rudbeckia hirta 'Rustic Dwarf'	Dwarf Black-Eyed Susan	1 qt.	Pots

SEDUM
Sedum Green Roof: 2,130SF InstaGreen Sedum Carpet by Hydrotech OR Similar



32-40 WHITE STREET
SOMERVILLE, MA



REVISIONS		
MARK	ISSUE	DATE

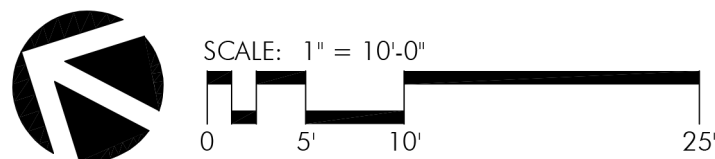
DRAWING INFORMATION
ISSUE: _____
DATE: 11/19/2025
SCALE: AS NOTED

PROJECT NUMBER:
DRAWN BY: EH
CHECKED BY: KP

DRAWING TITLE
ROOF DECK
LANDSCAPE PLAN

DRAWING NUMBER

L2



Somerville Green Score: 32-40 WHITE STREET

	Area or Number	Area or Number				% of Score
		Sq Ft Credit	Multiplier	Weighted Area	Score Value	
Soils						
Landscaped area with a soil depth less than 24 inches (SF)	0	actual sq ft	0.3	0	0.000	0%
Landscaped area with a soil depth equal to or greater than 24 inches (SF)	772	actual sq ft	0.6	463.2	0.057	17%
Pervious Paving with 6 to 24 inches of subsurface soil or gravel (SF)	0	actual sq ft	0.2	0	0.000	0%
Pervious Paving with more than 24 inches of subsurface soil or gravel (SF)	441	actual sq ft	0.5	220.5	0.027	8%
Groundcovers						
Turf grass, mulch, & inorganic surfacing materials (SF)	0	actual sq ft	0.1	0	0.000	0%
Plants - SEE Plant Schedule on L1						
Proposed Vegetation less than two (2) feet tall at maturity (SF)	284	actual sq ft	0.2	56.8	0.007	2%
Proposed Vegetation at least two (2) feet tall at maturity	40	12	0.3	144	0.018	5%
Trees - SEE Plant Schedule on L1						
Proposed Small Tree (# of trees)	2	50	0.7	70	0.009	3%
NATIVE SPECIES						
Proposed Large Tree (# of trees)	3	450	0.7	945	0.117	34%
NATIVE SPECIES						
Preserved Existing Tree (DBH inches)	0	65	0.8	0	0.000	0%
Engineered Landscape - SEE Plant Schedule on L2						
Vegetated Wall (SF)	0	actual sq ft	0.1	0	0.000	0%
Rain gardens, bioswales, and stormwater planters (SF)	0	actual sq ft	1.0	0	0.000	0%
Green Roof with up to 6" of growth medium (SF)	0	actual sq ft	0.1	0	0.000	0%
Green Roof with 6"-10" of growth medium (SF)	2130	actual sq ft	0.4	852	0.105	31%
Green Roof of 10"-24" growth medium (SF)	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 = 0.340

Green Score District Requirements: MR4 ZONE				
NR & UR	MR3 & MR4	MR5, MR6, & HIFAB, CC, CB, CI		
0.35	0.25	0.20	0.20	
0.40	0.3	0.25	-	
Actual Green Score:	0.340	0.340	0.340	

PLANT LIST | 32-40 WHITE

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TA	1	Tilia americana	Basswood	2.5-3" cal.	B&B

SHRUBS:

RA	18	Rhus aromatica 'Gro Low'	Fragrant Suma	3 gal.	Pots
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PERENNIALS & GRASSES:

ca	22	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	1 gal.	Pots
cp	150	Carex pensylvanica	Pennsylvania Sedge	1 qt.	Pots, 18" o.c.

PLANT LIST | 32-40 WHITE ROOF DECK

KEY	QTY	LATIN NAME	COMMON NAME	SIZE	NOTES
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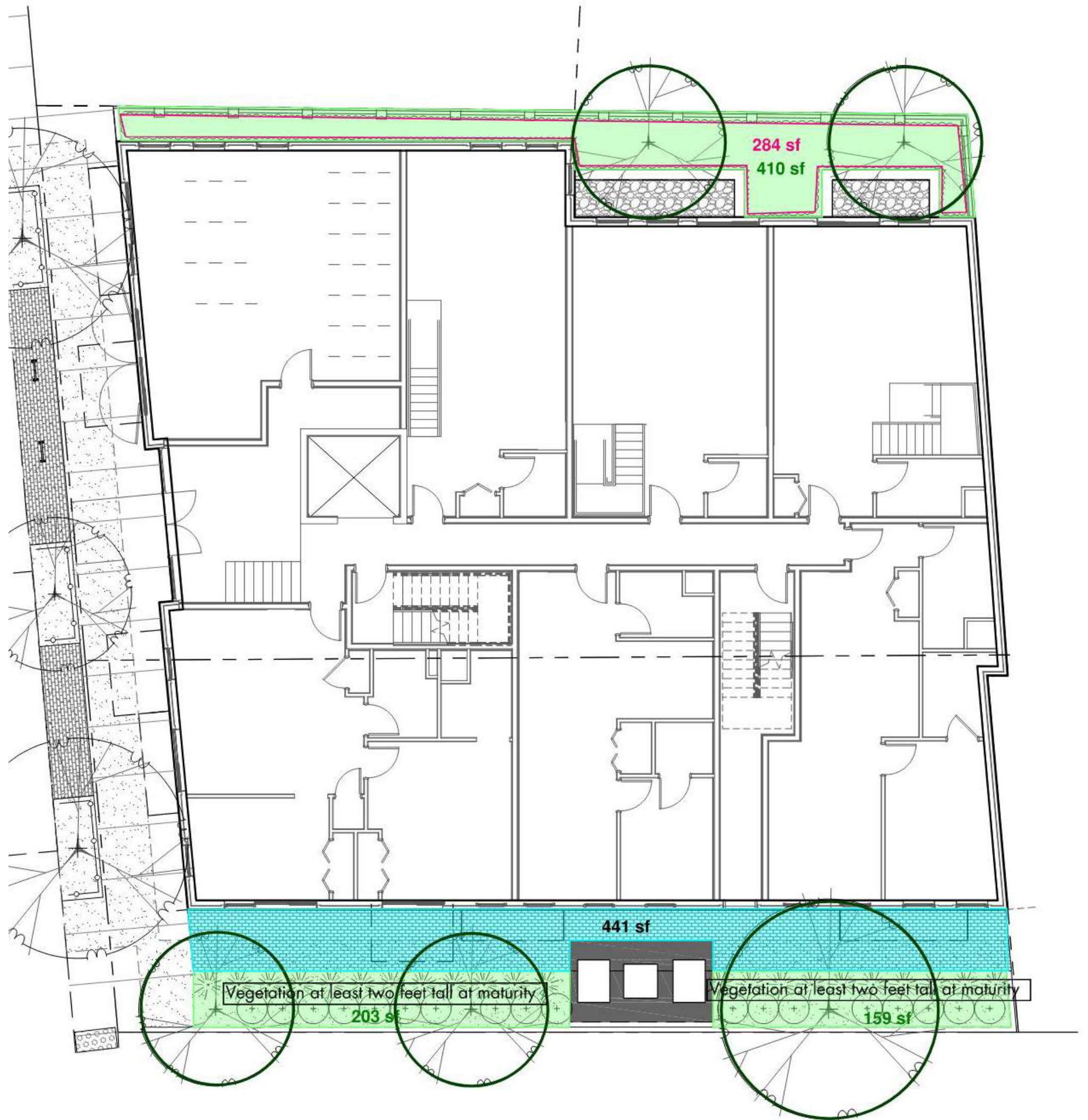
PERENNIALS & GRASSES:

lc	6	Liatris cylindracea	Dwarf Blazing Star	1 gal.	Pots
pa	6	Perovskia atriplicifolia 'Little Spire'	Dwarf Russian Sage	1 gal.	Pots
ps	12	Phlox subulata	Creeping Phlox	1 qt.	Pots
rh	12	Rudbeckia hirta 'Rustic Dwarf'	Dwarf Black-Eyed Susan	1 qt.	Pots

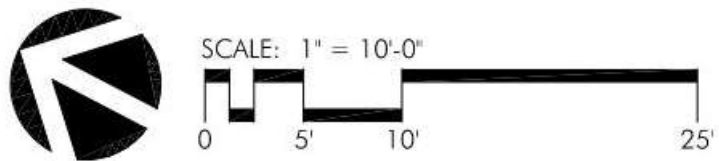
SEDUM

Sedum Green Roof: 2,130SF InstaGreen Sedum Carpet by Hydrotech OR Similar

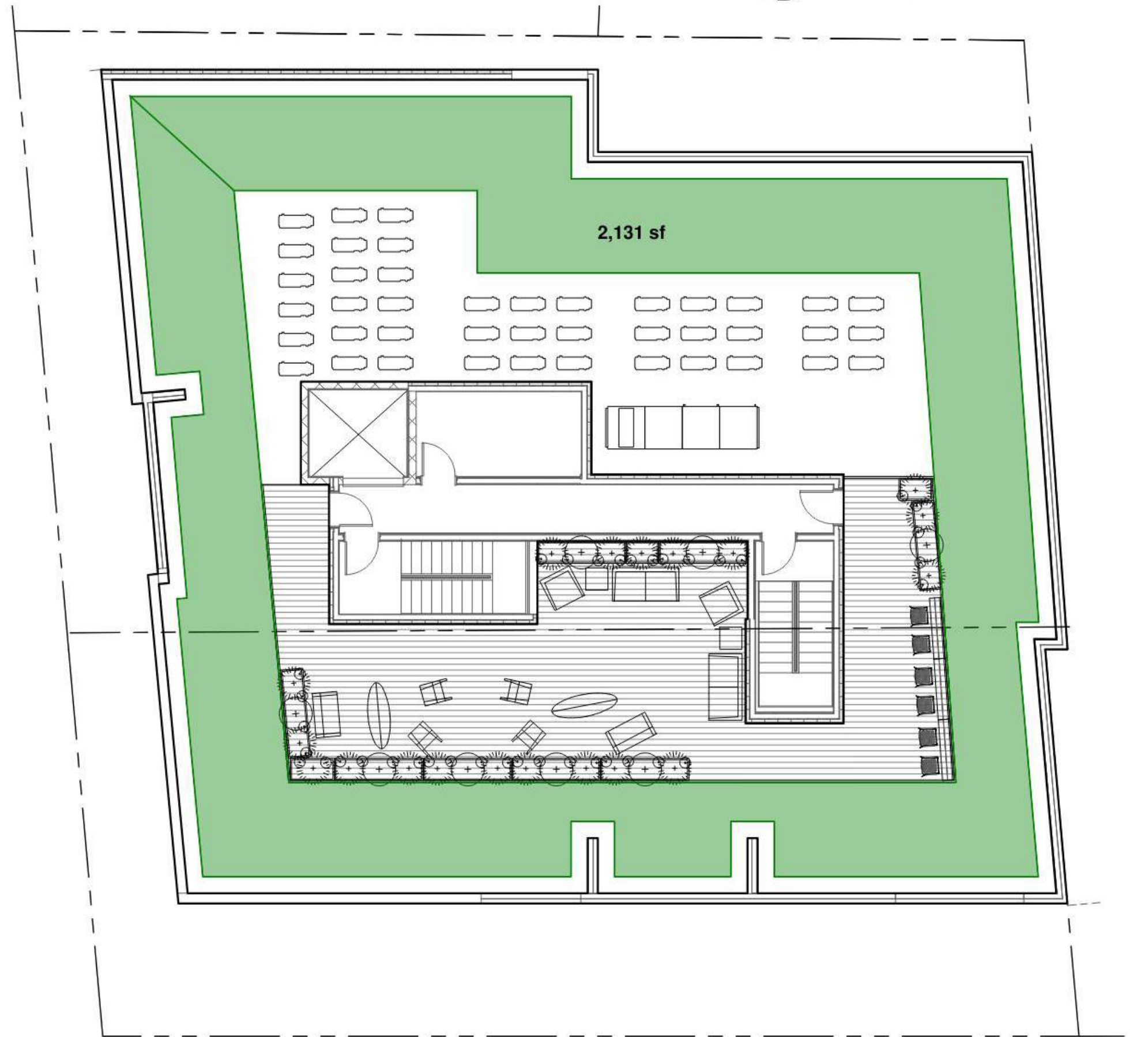
GREEN SCORE KEY	
	Landscape area with a soil depth equal to or greater than 24 inches (SF)
	Pervious Paving with 6 to 24 inches of subsurface soil or gravel (SF)
	Pervious Paving with more than 24 inches of subsurface soil or gravel (SF)
	Turf grass, mulch, & inorganic surfacing materials (SF)
	Proposed Vegetation less than two (2) feet tall at maturity (SF)
	Proposed Tree (Small + Large, SEE Plant Schedule)
	Preserved Existing Tree
	Vegetated Wall
	Rain gardens, bioswales, and stormwater planters



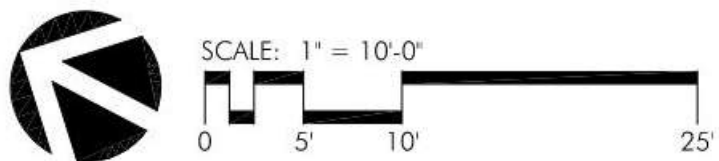
AT GRADE



GREEN SCORE KEY: Engineered Green Roof	
	Green Roof with up to 6" of growth medium (SF)
	Green Roof with 6"-10" of growth medium (SF)
	Green Roof with 10"-24" growth medium (SF)



ROOF DECK



VERDANT
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32-40 WHITE STREET
SOMERVILLE, MA



REVISIONS		
MARK	ISSUE	DATE

DRAWING INFORMATION
ISSUE: _____
DATE: 11/19/2025
SCALE: AS NOTED

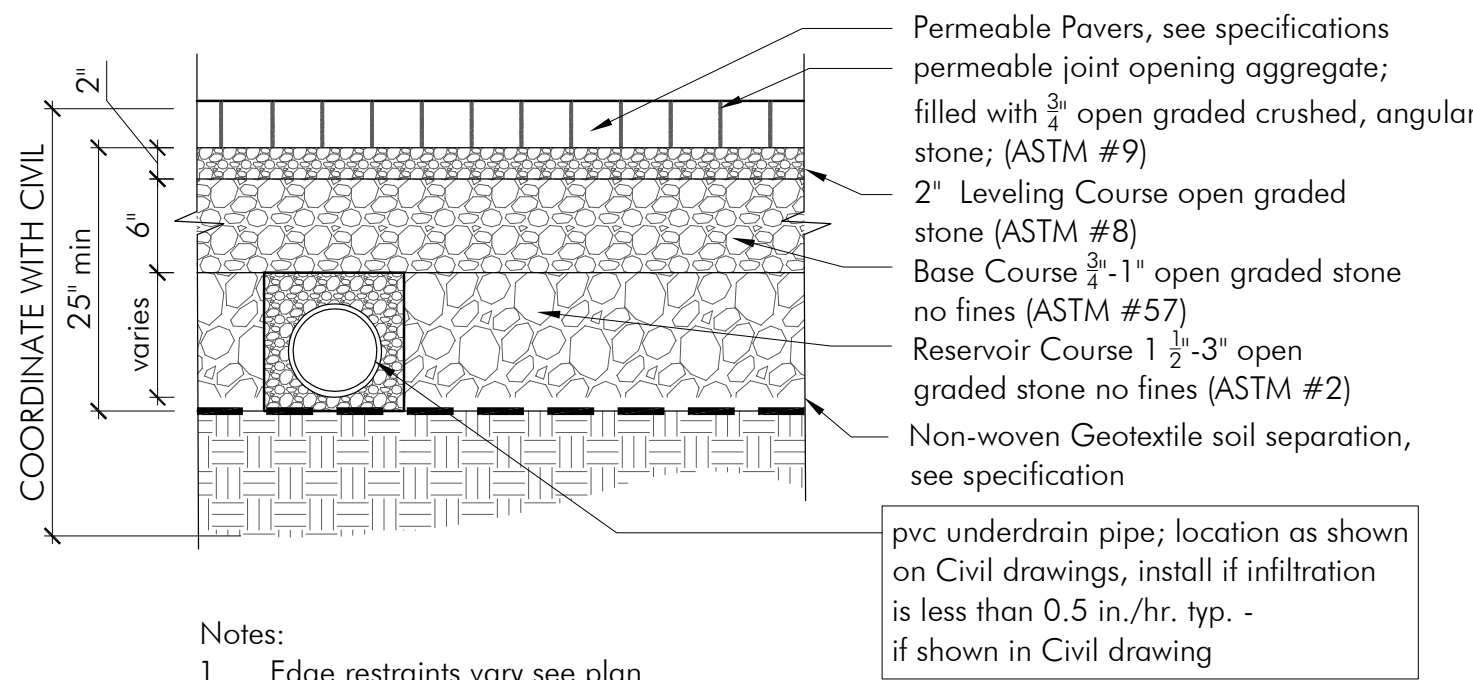
PROJECT NUMBER:
DRAWN BY: EH
CHECKED BY: KP

DRAWING TITLE
**GREEN SCORE
SITE DETAILS**

DRAWING NUMBER

L3

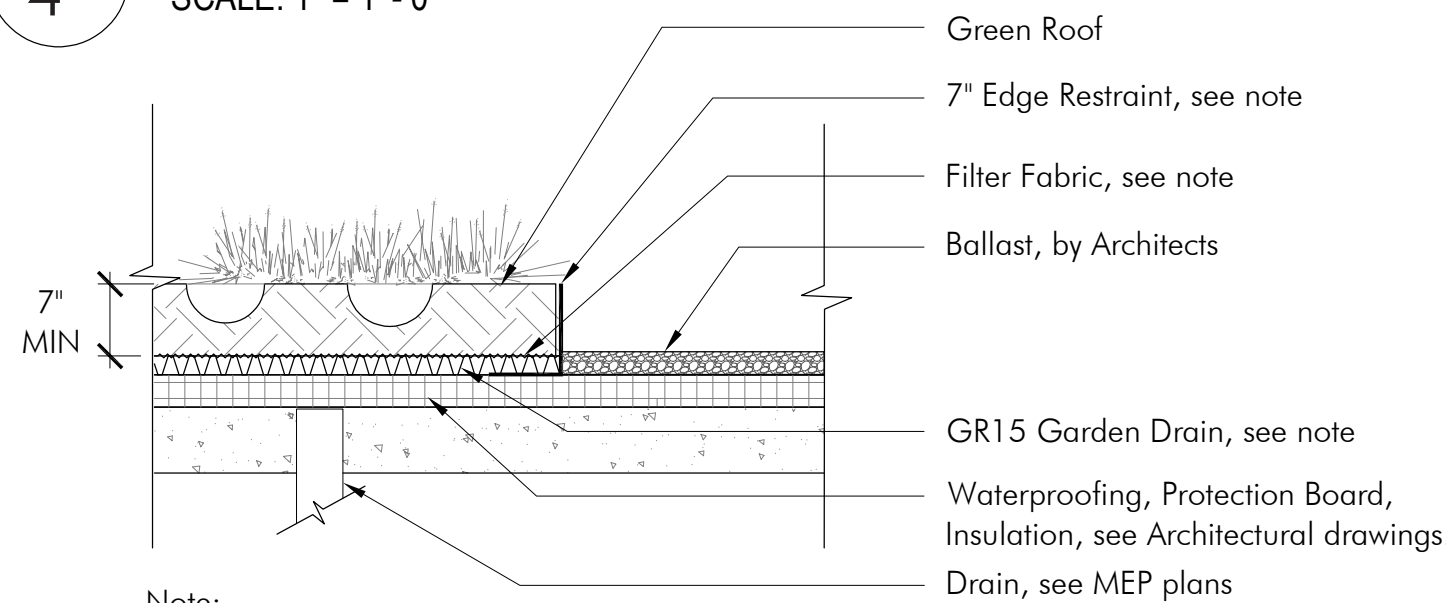
© Verdant Landscape Architecture



- Notes:
1. Edge restraints vary see plan.
 2. All paving areas to have sailor course perimeter unless pattern otherwise shown on plan.
 3. All aggregate material shall be crushed, angular stone and free of fines.
 4. Compact subsoil with a California bearing ratio (cbr) of less than 5% as directed by a professional engineer.
 5. Surface slope shall be a minimum of 1% and a maximum of 5%.
 6. Install pvc underdrain pipe where infiltration rate of subsoil is less than 0.5 in./hr. size as directed by a professional engineer.
 7. Never build permeable pavements on organic clay soils of high plasticity and/or peat, mulch, soils with high organic content.
 8. Maintain a minimum distance of 2' between bottom of permeable base and water table.
 9. The minimum aggregate thicknesses are after compaction.

Permeable Unit Pavers

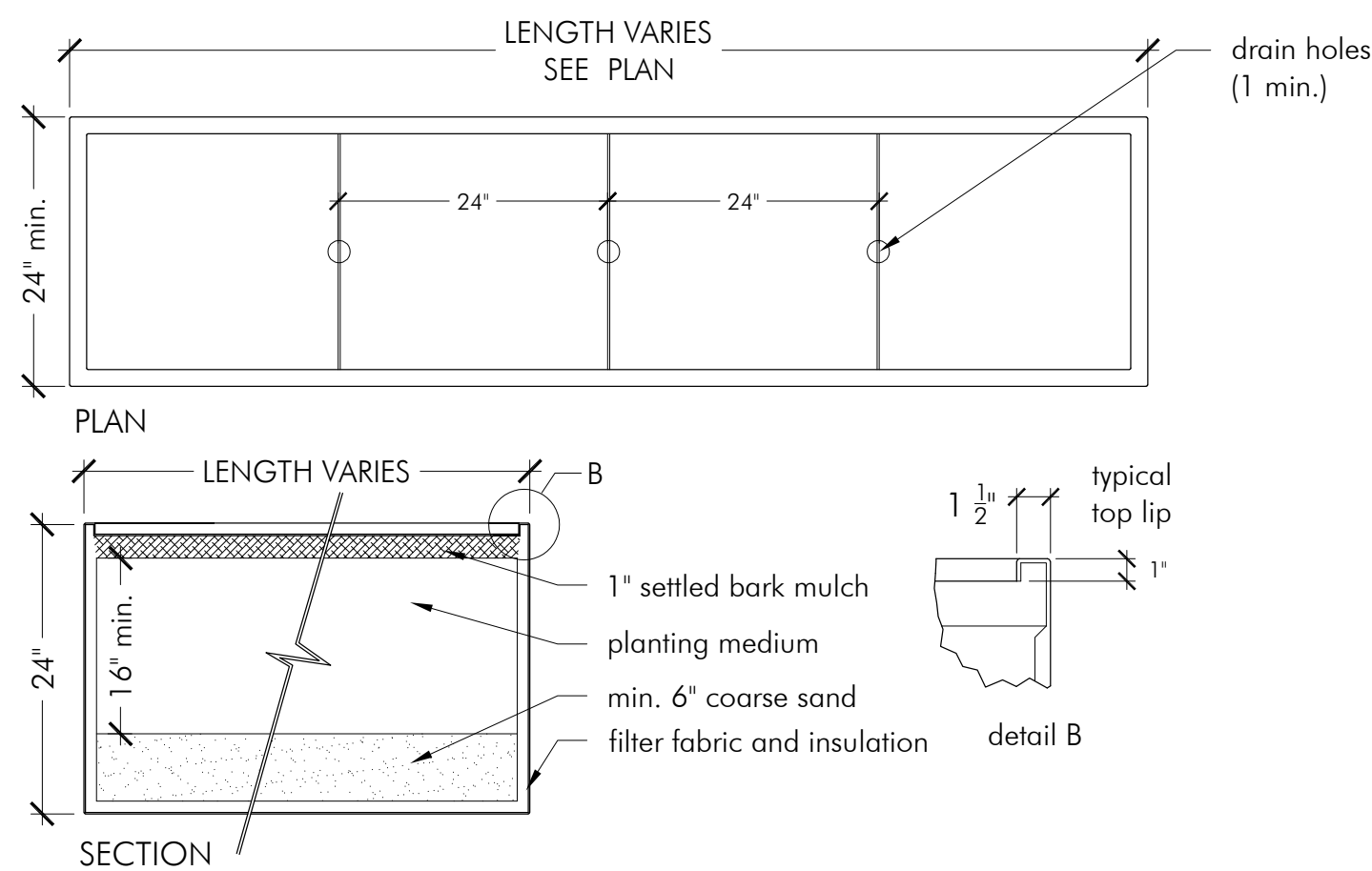
SCALE: 1" = 1' - 0"



- Note:
1. Sedum Sod by Hydrotech or similar
 2. Edge Restraint by Permaloc
 3. Drainage Mat by Hydrotech GR-15 or similar

Extensive Green Roof (6-10")

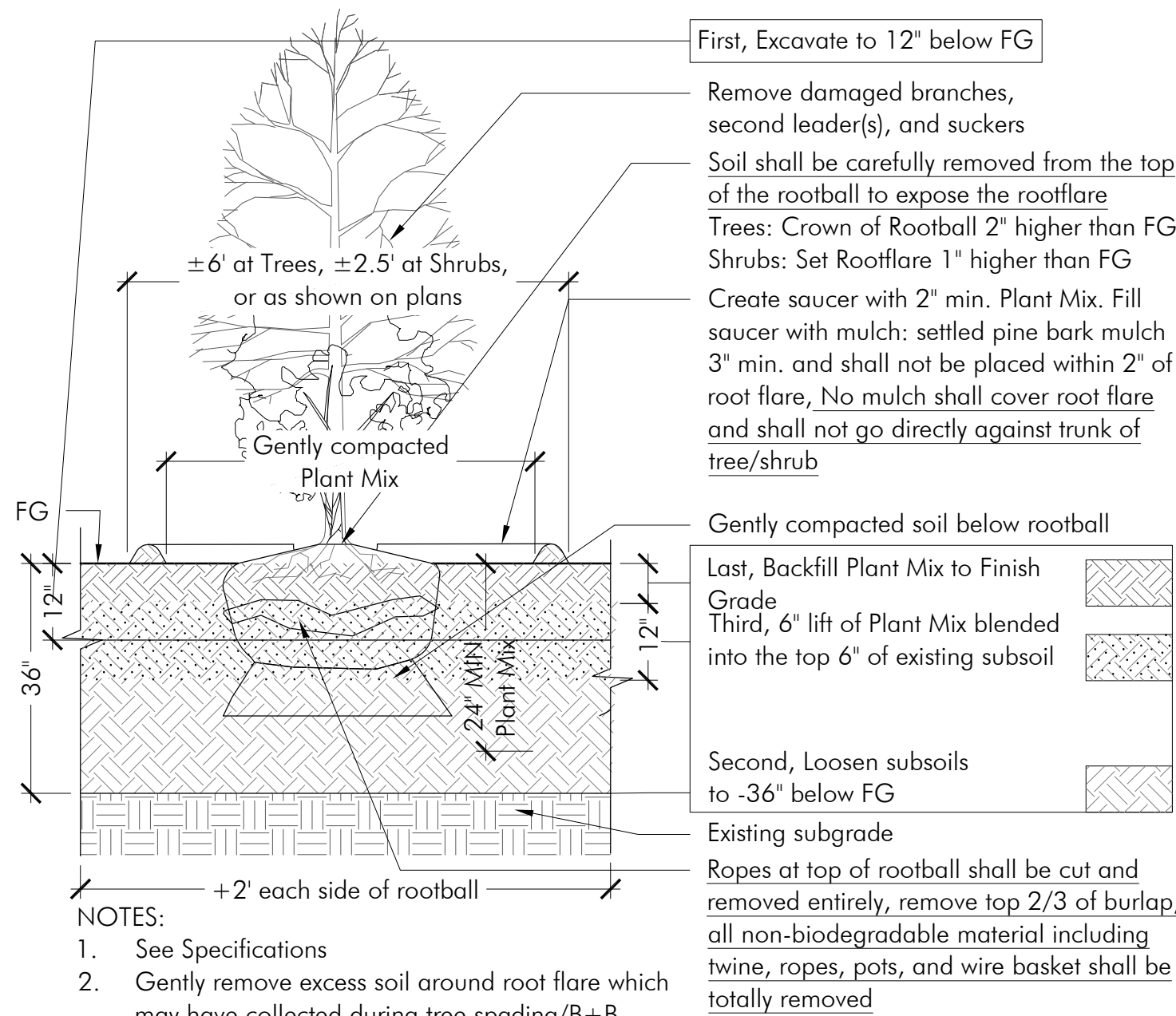
SCALE: 1" = 1' - 0"



- Note:
1. Provide drain holes, quantity to accommodate size of planter. See Manufacturer's 'Planter Drain Hole Guide' for reference.
 2. Provide 1" rigid insulation on interior walls and bottom (with drain holes). Align holes for clear drainage.
 3. Filter fabric shall extend to -2' from top lip.
 4. Color and texture shall be approved by LA
 5. Provide drip irrigation

Typical Planter

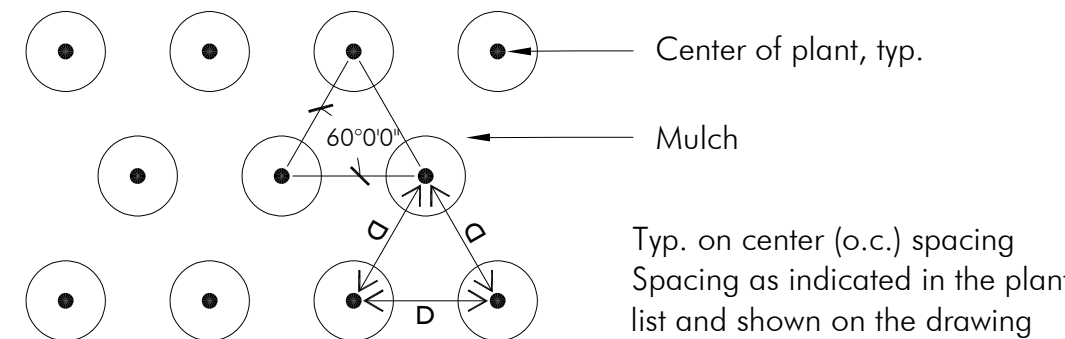
SCALE: 3/4" = 1' - 0"



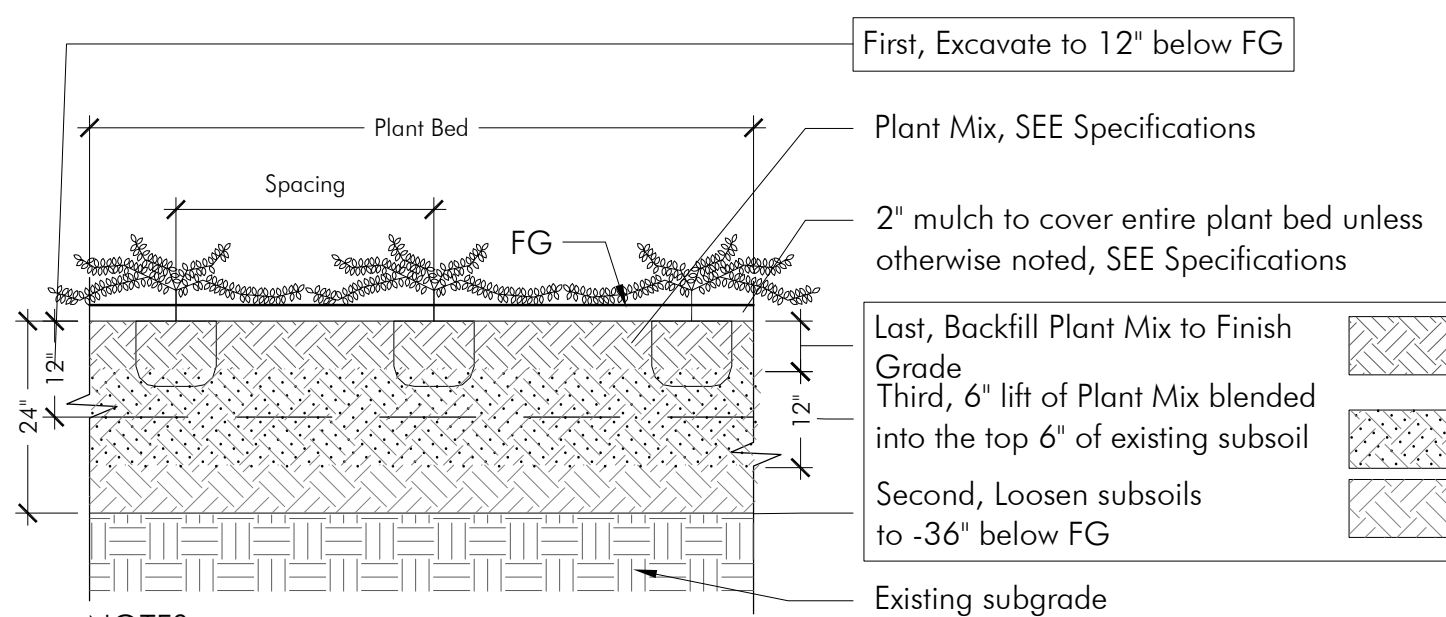
- NOTES:
1. See Specifications
 2. Gently remove excess soil around root flare which may have collected during tree spading/B+B operations.
 3. Provide wooden stakes (3 per tree) and guy wire (rubber hose cover at trunk) in windy locations and as site conditions require, as directed by Landscape Architect.

Tree/Shrub Planting

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



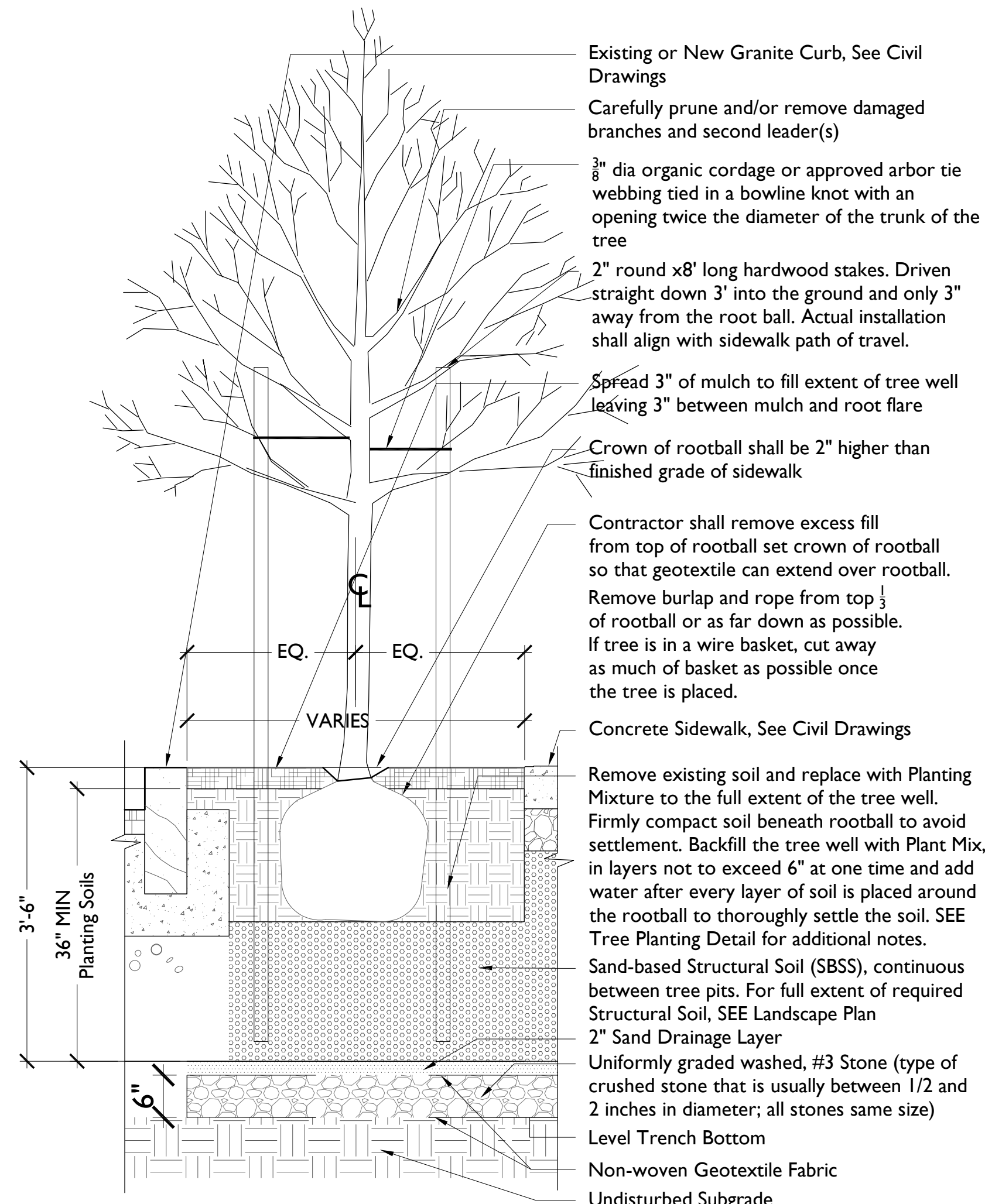
PLAN VIEW



- NOTES:
1. See Specifications
 2. Prior to planting, remove plant from container and comb out roots.
 3. Loosening soil after construction in a plant bed is required because construction activities compact the soil significantly.

Groundcover/Perennial Planting

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



- NOTES:
1. Minimum tree size is 2"-2.5" cal. or as otherwise approved by the City.
 2. Gently remove excess soil around root flare which may have collected during tree spading/B&B operations.
 3. Provide wooden stakes (2 per tree) and guy wire (rubber hose cover at trunk) at each street tee as directed by Landscape Architect and City of Somerville Urban Forestry Department.

Street Tree Planting with Structural Soil

SCALE: 3/4" = 1' - 0"



REVISIONS		
MARK	ISSUE	DATE

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PROJECT NUMBER:
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CHECKED BY: KP

DRAWING TITLE
**GREEN SCORE
CALCULATIONS**

DRAWING NUMBER

L4