

Appendix

Photographs & Renderings

181 Pearl St
Narrative

NEIGHBOR

Stop & Shop
(1/2 Mile)

Foss Park
Pool & Fields

1/2 MILE - 10 MIN WALK RADIUS

Marshall
Street
Playground

1/4 MILE - 5 MIN WALK RADIUS

Gilman Square
Station

Deanna
Cremin
Playground

181 Pearl Street

80

90

Edward L.
Leathers
Community
Park

T

Public Library

90

88

Somerville High School

Capuano Field

90

NEIGHBOR

December 10, 2024

Page 2 of 16

NEIGHBOR

Medford St

Pearl St

Walnut St

Pearl St

Dana St

McGrath Highway

NEIGHBOR

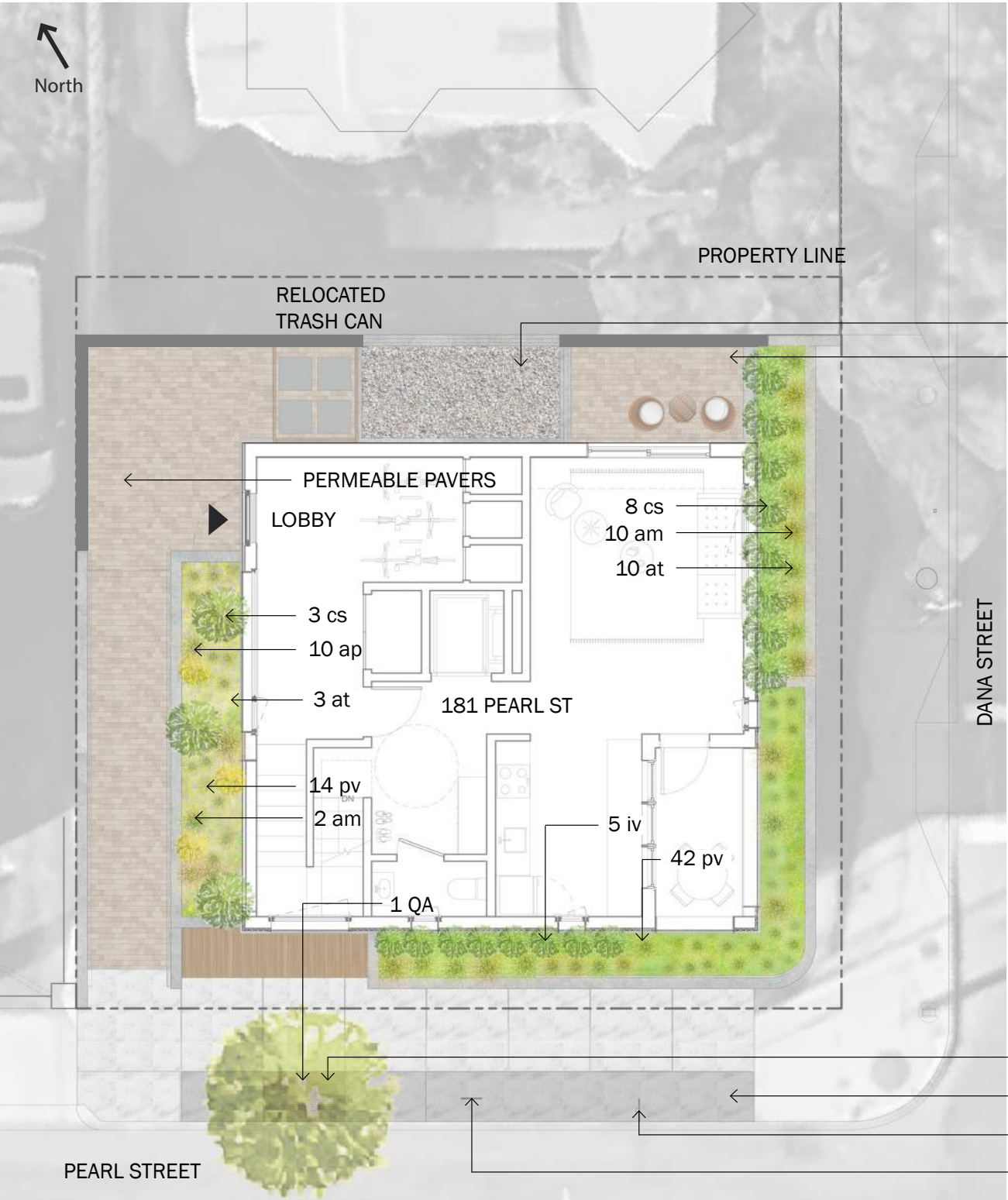


Existing
Corner
View



Site Plan

- New street tree on Pearl St.
- Planter along Pearl St & Dana St with native species and pollinators
- New public bike rack on Pearl Street and private bike parking at lobby
- No car parking required
- Permeable paving throughout site
- All-electric building



WHITE OAK



YARROW
MOONSHINE



YARROW
TERRACOTTA



SWITCH GRASS



VIRGINIA
SWEETPIRE



RED TWIG
DOGWOOD



HYSSOP



ALLIUM
PURPLE SENSATION



ALLIUM
GLOBEMASTER



DAFFODIL
CHEERFULNESS



DAFFODIL
TH

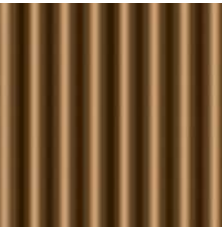
Corner of
Pearl & Dana



**“Silversmith”
Aluminum Panel**
Triangular Profile



**Mint Green
Aluminum Panel**
Flush Profile



**Copper-Colored
Aluminum Panel**
Corrugated Profile



Red Clay Brick
Solider Course



Corner of
Pearl & Dana

Below: Neighboring planter on Dana St



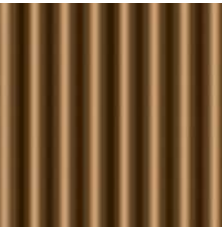
View from
Pearl Street



**“Silversmith”
Aluminum Panel**
Triangular Profile



**Mint Green
Aluminum Panel**
Flush Profile



**Copper-Colored
Aluminum Panel**
Corrugated Profile



Red Clay Brick
Solider Course



Entrance & Front Stoop



Walking along Pearl Street

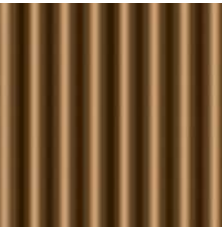
View from Dana Street



**“Silversmith”
Aluminum Panel**
Triangular Profile



**Mint Green
Aluminum Panel**
Flush Profile



**Copper-Colored
Aluminum Panel**
Corrugated Profile



Red Clay Brick
Solider Course



Facade Details

The pleated aluminum panel changes direction between floors, creating a dynamic shadow play and variation of color.

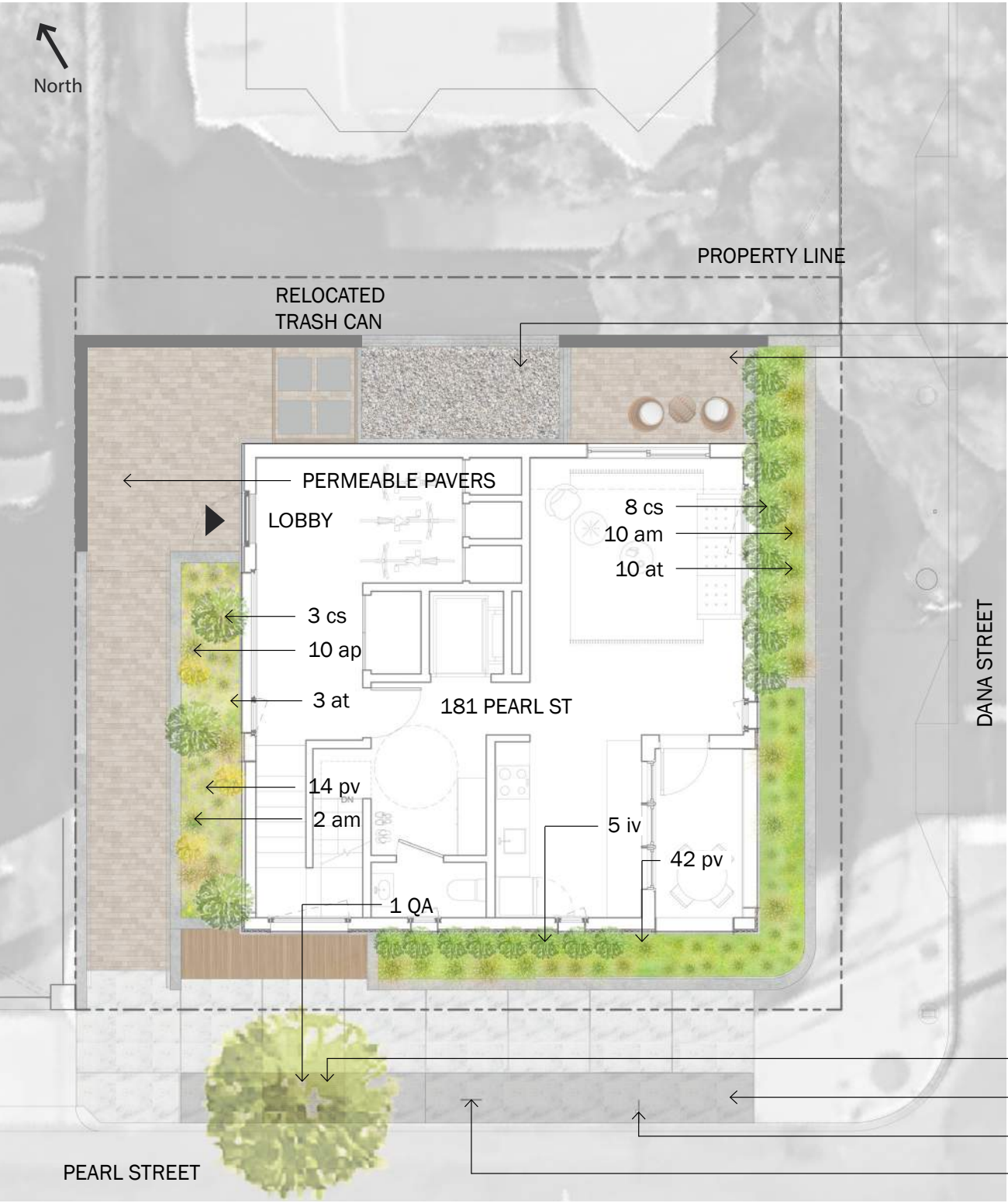
Window frames align at each level with a continuous plate that also captures the top and bottom of the metal panels.

Red-orange and cyan accent colors are added where people touch the building, at windows and railings, creating an additional sense of movement and interactivity in the facade.

The panel ends are detailed to create a small re-entrant corner, keeping the emphasis on the rhythm of the triangulated panel.

Solider Course brick cladding on planter retaining walls allows for a curved corner. The red brick recalls the masonry planter beds and foundation walls throughout the neighborhood, and the masonry apartment buildings further down Pearl Street.





181 Pearl St.

PLANTING SCHEDULE						
QUANTITY	KEY	LATIN NAME	COMMON NAME	SPACING	SIZE/CALIPER	ROOT
TREES						
1	QA	<i>Quercus alba</i>	White Oak	As shown	4-4.5" Caliper	B&B
SHRUB						
11	cs	<i>Cornus sericea</i> 'Farrow' ARCTIC FIRE	Red Twig Dogwood	As shown, , +/- 36" O.C.	5 gal.	cont.
5	iv	<i>Itea virginica</i> 'Sprich' LITTLE HENRY	Virginia Sweetspire	As shown, , +/- 24" O.C.	5 gal.	cont.
GRASSES						
48	pv	<i>Panicum virgatum</i> 'Cape Breeze'	Switch Grass	As shown, , +/- 24" O.C.	5 gal.	cont.
POLLINATORS						
10	ap	<i>Agastache</i> 'Purple Haze'	Hyssop, Hummingbird Mint	As shown, , +/- 18" O.C.	2 gal.	cont.
12	am	<i>Achillea</i> 'Moonshine'	Yarrow	As shown, , +/- 24" O.C.	2 gal.	cont.
13	at	<i>Achillea</i> 'Terracotta'	Yarrow	As shown, , +/- 24" O.C.	2 gal.	cont.
BULBS						
150	ag	<i>Allium Globemaster</i>	Globemaster Ornamental Onion	As shown, As bulb mix	Bulb	cont.
150	aps	<i>Allium Purple Sensation</i>	Purple Sensation Ornamental Onion	As shown, As bulb mix	Bulb	cont.
150	nc	<i>Narcissus</i> 'Yellow Cheerfulness'	Daffodil Yellow Cheerfulness	As shown, As bulb mix	Bulb	cont.
150	nt	<i>Narcissus</i> 'TH'	Daffodil TH	As shown, As bulb mix	Bulb	cont.



WHITE OAK



YARROW
MOONSHINE



YARROW
TERRACOTTA



SWITCH GRASS



VIRGINIA
SWEETSPIRE



RED TWIG
DOGWOOD



HYSSOP



ALLIUM
PURPLE SENSATION



ALLIUM
GLOBEMASTER



DAFFODIL
CHEERFULNESS



DAFFODIL
TH

NEIGHBOR



**ALLIUM
PURPLE SENSATION**



**ALLIUM
GLOBEMASTER**



SWITCH GRASS



HYSSOP



**VIRGINIA
SWEETSPIRE**



WHITE OAK



**DAFFODIL
TH**



**DAFFODIL
CHEERFULNESS**



**YARROW
MOONSHINE**



**YARROW
TERRACOTTA**



**RED TWIG
DOGWOOD**

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

Soils	
Landscaped area with a soil depth less than 24 inches <i>(enter square feet)</i>	
Landscaped area with a soil depth equal to or greater than 24 inches <i>(enter square feet)</i>	
Pervious Paving with 6 to 24 inches of subsurface soil or gravel <i>(enter square feet)</i>	
Pervious Paving with more than 24 inches of subsurface soil or gravel <i>(enter square feet)</i>	
Groundcovers	
Turf grass, mulch, and inorganic surfacing materials <i>(enter square feet)</i>	
Plants	
Vegetation less than two (2) feet tall at maturity, +0.1 Native <i>(enter square feet)</i>	
Vegetation less than two (2) feet tall at maturity, + 0.1 Native Species, +.01 Visible <i>(enter square feet)</i>	
Vegetation at least two (2) feet tall at maturity <i>(enter number of individual plants)</i>	
Trees	
Small Tree <i>(enter number of trees)</i>	
Large Tree <i>(enter number of trees)</i>	
Preserved Tree <i>(enter DBH)</i>	
Engineered Landscape	
Vegetated Wall <i>(enter square feet)</i>	
Rain gardens, bioswales, and stormwater planters <i>(enter square feet)</i>	
Green Roof with up to 6" of growth medium <i>(enter square feet)</i>	
Green Roof with 6"-10" of growth medium <i>(enter square feet)</i>	
Green Roof of 10"-24" growth medium <i>(enter square feet)</i>	
Green Roof of over 24" growth medium	

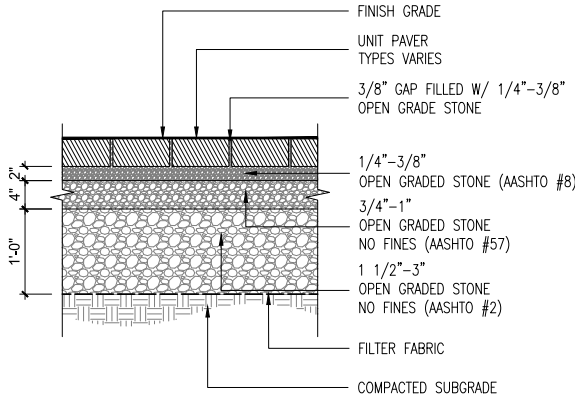
Area or Number
2,024

Sq Ft Credit	Multiplier	Weighted Area	Score Value	% of Score
actual sq ft	0.3	0	0.000	0%
actual sq ft	0.6	145.2	0.072	22%
actual sq ft	0.2	70.4	0.035	11%
actual sq ft	0.5	0	0.000	0%
actual sq ft	0.1	0	0.000	0%
actual sq ft	0.3	0	0.000	0%
actual sq ft	0.4	96.8	0.048	14%
12	0.3	356.4	0.176	53%
50	0.6	0	0.000	0%
450	0.6	0	0.000	0%
65	0.8	0	0.000	0%
actual sq ft	0.1	0	0.000	0%
actual sq ft	1.0	0	0.000	0%
actual sq ft	0.1	0	0.000	0%
actual sq ft	0.4	0	0.000	0%
actual sq ft	0.6	0	0.000	0%
Calculate as if soils, groundcovers, plants, and trees				N/A

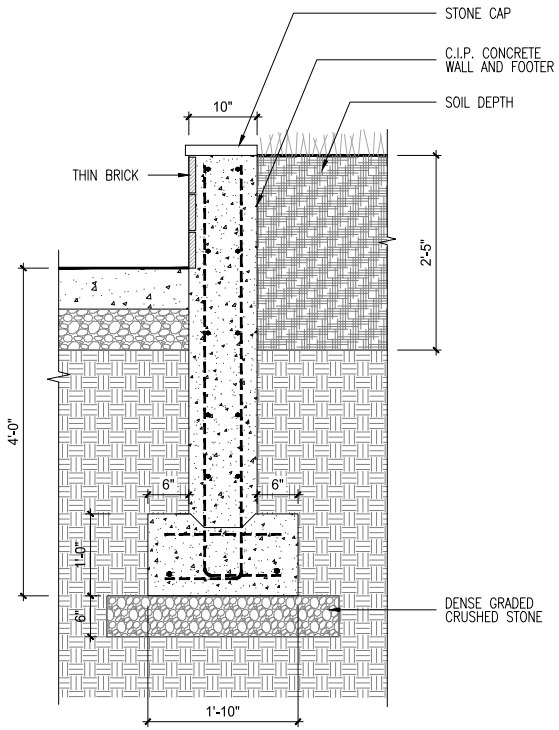
Green Score = 0.330

Required Score:
Target Score:
Actual Green Score:

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	-
0.330	0.330	0.330	0.330

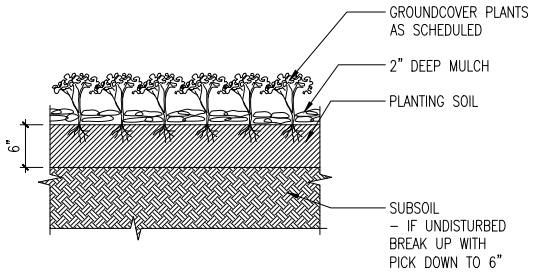


1 PERMEABLE PAVERS
SCALE: NTS

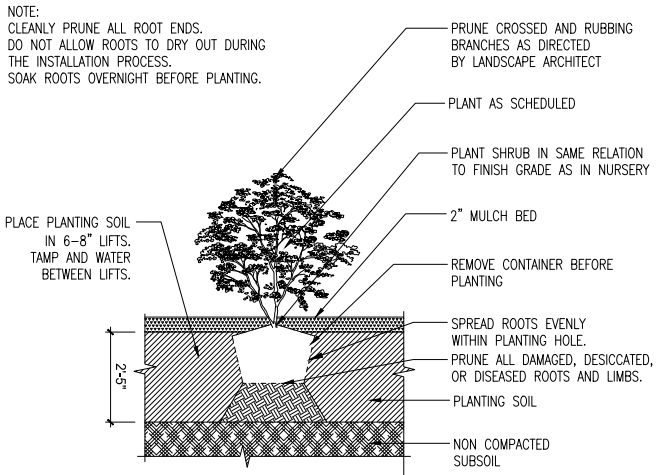


3 C.I.P. CONCRETE WALL
SCALE: NTS

NOTE:
SEE PLANT SPACING DIAGRAM
FOR GROUNDCOVER SPACING



2 GROUNDCOVER PLANTING
SCALE: NTS



4 SHRUB AND PERENNIAL PLANTING
SCALE: NTS

Thank you.