

# Commercial Development

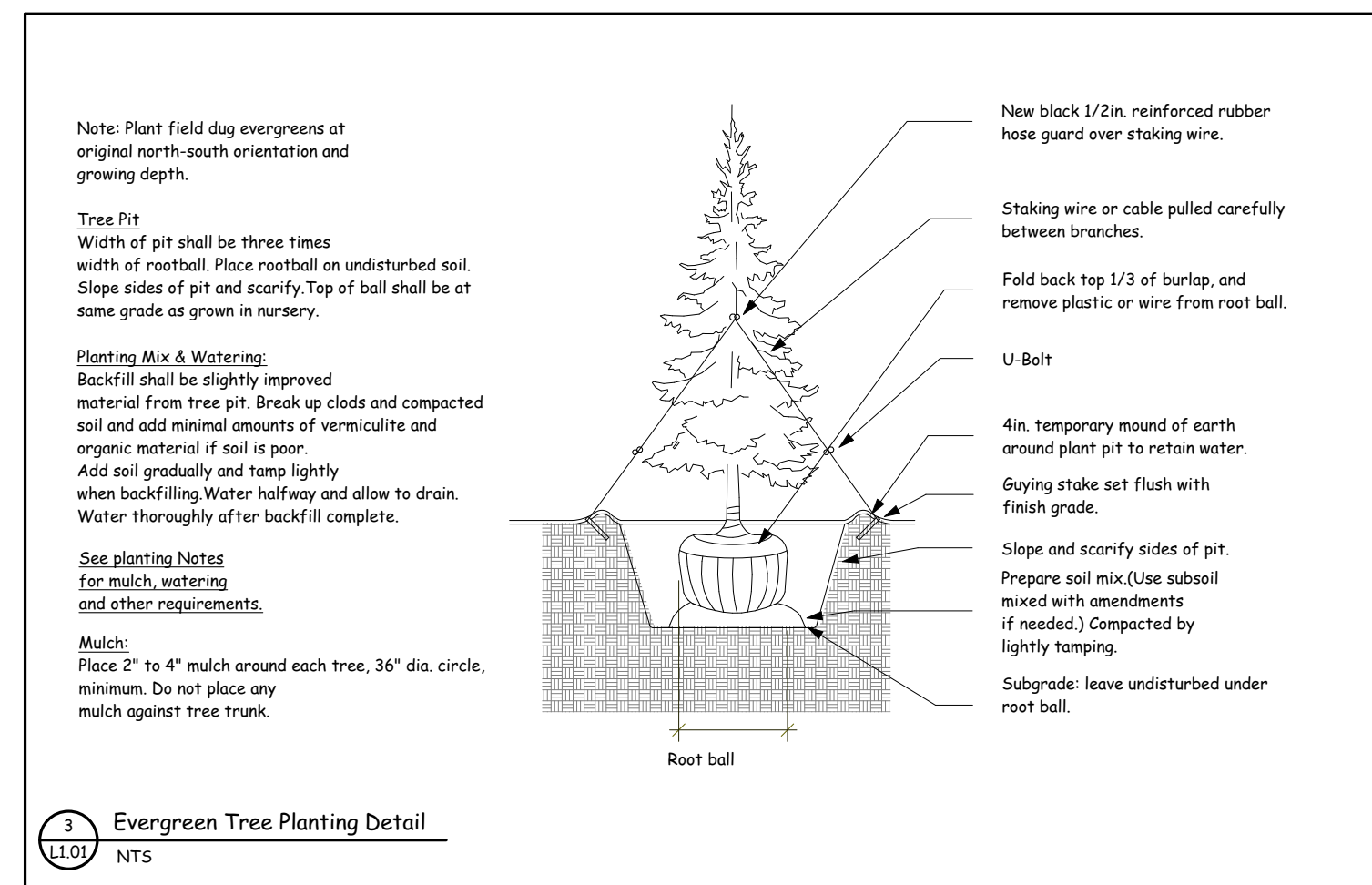
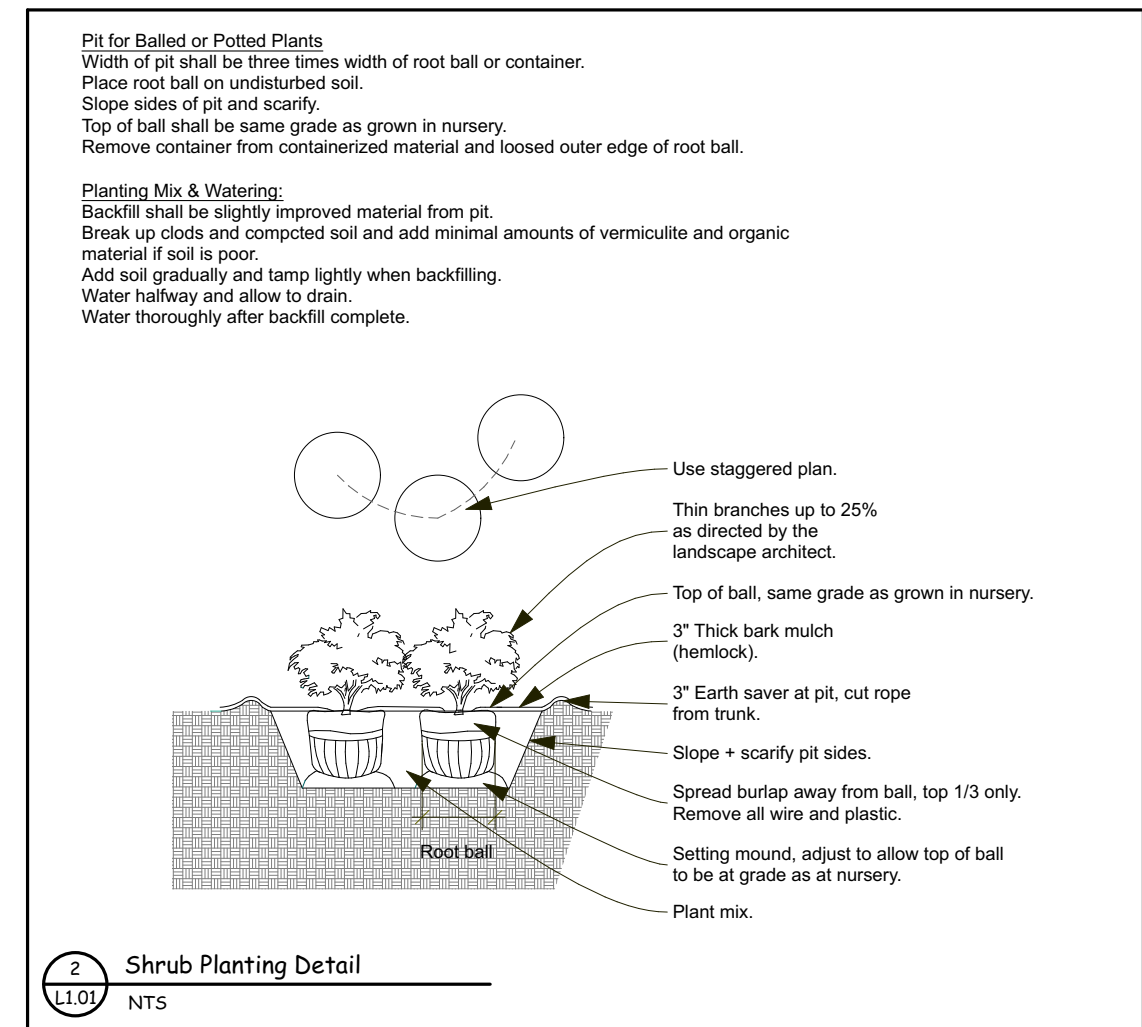
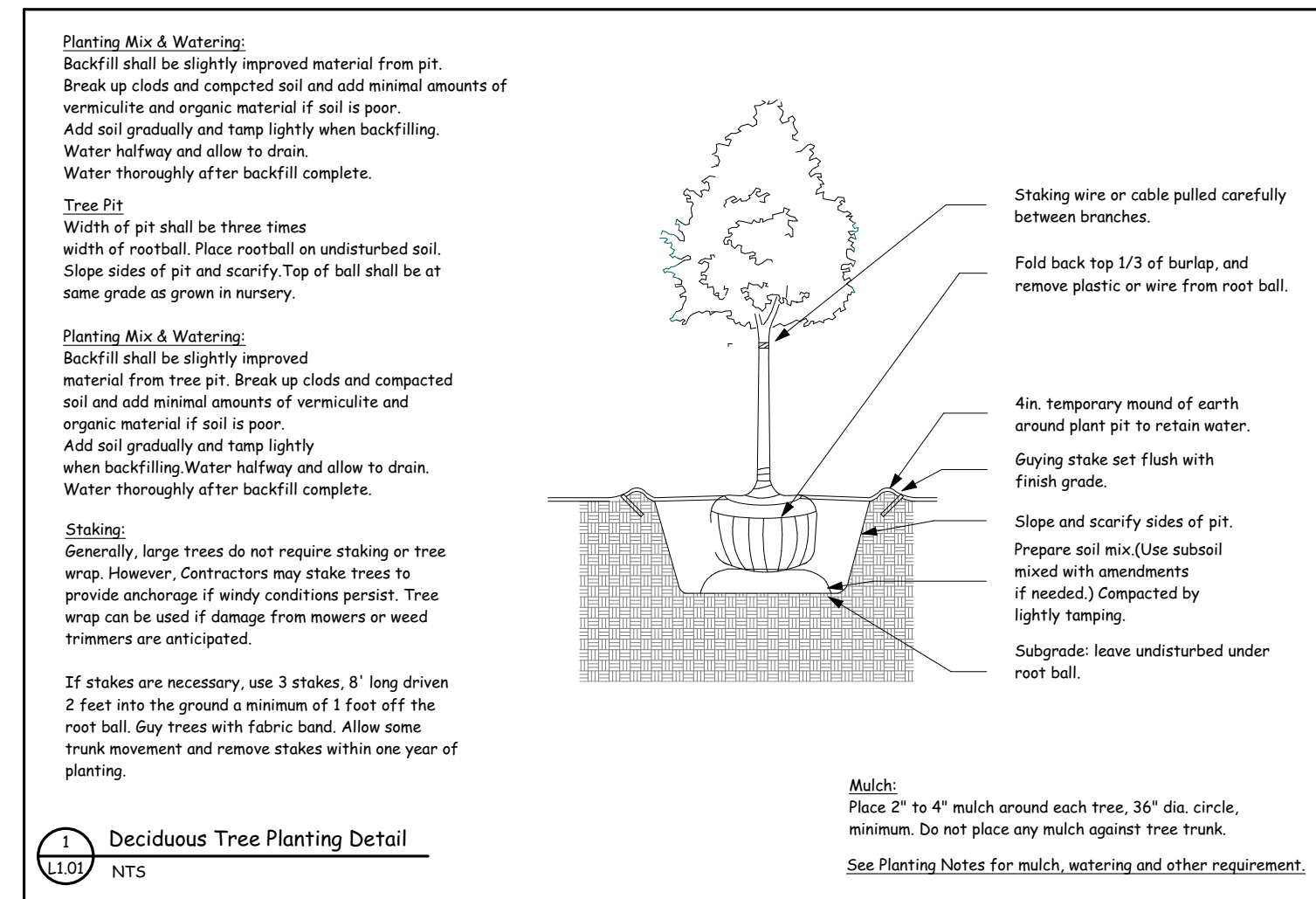
203 Ayer Road  
Harvard, MA



Rev. 3:  
Rev. 2:  
Rev. 1:  
Date: April 25, 2022  
Scale: 1"=40'

Sheet

## L-1.01 Planting Plan



### Landscape Water Use Management

#### New Installations of Trees, Shrubs, and Flowers

1. Provide temporary irrigation to all new plantings. Water with 2" of water to thoroughly soak the soils every day for two weeks following installation.
2. Thereafter, water at 1" two times per week to maintain a moist soil through the first summer into fall.
3. Water well one final time in late November before the ground freezes to improve the plant's ability to tolerate winter desiccation.

#### New Installations of Conservation Seed and Wild Flower Mixes

1. Water with 2" of water (30 mins of aerial irrigation) to thoroughly soak the soils every other day for two weeks following installation.
2. Water at 1" two times per week to maintain a moist soil through the first summer into fall.

#### Recommended Planting Seasons: Zone 5 and 6

Spring Planting	Season Begins	Season Ends
Lawns	April 1-15	May 15-30
Evergreens	April 1-15	May 15-30
Deciduous Plants	April 1-15	May 15-30

Fall Planting	Season Begins	Season Ends
Lawns	August 1-15	September 15-30
Evergreens	September 1-15	November 1-15
Deciduous Plants	October 1-15	November 15-30

### Planting Notes

1. The Contractor is responsible for the legal removal and disposal of all debris from the site and as may be directed by the Owner.
2. Coordinate final locations of Site Improvements with the Civil and Architectural plans.
3. The Contractor shall notify DIG-SAFE (1 888-344-7233) to verify the location of any underground utilities prior to any digging.
4. All plant material and planting procedures shall conform to the "American Standard for Nursery Stock" as published by the American Nursery and Landscape Association.
5. Contractor to stake proposed locations of all new plant material for LA review prior to planting.
6. Plant List governs: Contractor to provide plants on list. Locations and quantities in planting areas are subject to change under the discretion of the LA.
7. The Contractor shall supply all plant materials in quantities sufficient to complete the shown on all drawings.
8. All plant materials are subject to the approval of the Landscape Architect at the Nursery and at the site. All trees shall have single leader unless otherwise noted. No unapproved substitutions will be accepted. Plants species and cultivar, size and quantity shall not change without the approval of the Landscape Architect. Location of all trees and shrubs shall be marked for the approval of the Landscape Architect the day prior to commencement of planting.
9. All plants shall bear the same relationship to finished grade as original grade before digging. Plants to be transplanted shall be carefully dug, with adequate root balls and surrounding soil and pruned according to ANA standard practices. Trees with root flare covered by more than 1 1/2" of soil will be rejected prior to installation. Set plants plumb.
10. All plants shall bear the same relationship to finished grade as original grade before digging. Plants to be transplanted shall be carefully dug, with adequate root balls and surrounding soil and pruned according to ANA standard practices. Trees with root flare covered by more than 1 1/2" of soil will be rejected prior to installation. Set plants plumb.
11. All trees and shrubs shall be balled in burlap or containerized, unless otherwise noted. No root bound container grown stock will be accepted. All plastic root wrapping and metal wire baskets shall be carefully removed at the time planting. Wire directly under root ball can remain.
12. The planting soil mixture shall be a sandy loam modified with organic components of 4-8% organic matter, dry weight, PH range of 5.5 to 6.5 and no coarse fragments over 2". A soil sample from the proposed planting medium shall be sent to the UMass Extension Service, University of Massachusetts, West Experiment Station, Amherst, MA 01003, tel: 413.545.2311, fax: 413.545.1931 to be analyzed for organic matter, acidity, soluble salts, buffer PH, potassium and silt and clay content.
13. Contractor shall place 3" of fine shredded dark brown, aged two years, pine bark mulch in all bed areas. Submit sample to Landscape Architect.
14. All evergreen plant material shall be sprayed in the first Fall after planting with an anti-desiccant the first week of November.
15. Provide temporary irrigation system for all plant material. System to be functional for a spring and a fall planting season. Flood plants thoroughly once immediately after planting and twice during the first 24 hour period after planting.
16. Extreme care shall be taken not to disturb existing plant materials unless the plant is specifically noted to be transplanted or removed. Any plant injured, removed or destroyed without permission, shall be replaced with plant material of equal size and species at the Contractor's expense.
17. Do not wrap trunk of trees.
18. Stake only deciduous trees on windy exposures or steeper slopes. Evergreen trees may be staked at the discretion of the Landscape Architect. Consult with Landscape Architect.
19. Contractor shall maintain the trees for a minimum of 60 days following preliminary acceptance of Landscape Architect. After 60 days, provide Owner with written maintenance instructions.
20. Contractor shall guarantee all plant material for a minimum of one (1) year from the date of final acceptance of the Landscape Architect. The Contractor shall replace any dead or horticulturally damaged trees at his expense during the 1 year guarantee period.
21. Contractor shall provide Jute netting on steep slopes as directed by Civil Engineer to control soil erosion and loss.

### SEED MIX 1 Non-Mowed/ Annual Mowing Area Seed Mix:

Shady Northeast Native Wildflower & Grass Mix

Seed specification from Ernst Seeds mix: ERNMX-153, or equal

31.5%	Little Bluestem, Fort Indiantown Gap-PA Ecotype (Schizachyrium scoparium, Fort Indiantown Gap-PA Ecotype)
20%	Sideoats Grama, 'Butte' (Bouteloua curtipendula, 'Butte')
18%	Virginia Wildrye, PA Ecotype (Elymus virginicus, PA Ecotype)
4%	Tall White Beardtongue, PA Ecotype (Penstemon digitalis, PA Ecotype)
4%	Partridge Pea, PA Ecotype (Chamaecrista fasciculata (Cassia f.), PA Ecotype)
3%	Purple Coneflower (Echinacea purpurea)
2.5%	Marsh (Dense) Blazing Star (Spiked Gayfeather) (Liatris spicata)
2%	Butterfly Milkweed (Asclepias tuberosa)
2%	Lanceleaf Coreopsis, Coastal Plain NC Ecotype (Coreopsis lanceolata, Coastal Plain NC Ecotype)
2%	Oxeye Sunflower, PA Ecotype (Heliopsis helianthoides, PA Ecotype)
2%	Blackeyed Susan, Coastal Plain NC Ecotype (Rudbeckia hirta, Coastal Plain NC Ecotype)
1.5%	New England Aster (Aster novae-angliae (Symphyotrichum n.)
1.5%	Smooth Blue Aster, NY Ecotype (Aster laevis (Symphyotrichum laevis), NY Ecotype)
1.5%	Ohio Spiderwort, PA Ecotype (Tradescantia ohioensis, PA Ecotype)
1%	Autumn Bergtgrass, Albany Pine Bush-NY Ecotype (Agrostis perennans, Albany Pine Bush-NY Ecotype)
0.8%	Brown-eyed Susan, WV Ecotype (Rudbeckia triloba, WV Ecotype)
0.5%	Wild Senna, VA & WV Ecotype (Senna hebecarpa (Cassia h.), VA & WV Ecotype)
0.5%	Wild Bergamot, Fort Indiantown Gap-PA Ecotype (Monarda fistulosa, Fort Indiantown Gap-PA Ecotype)
0.5%	Maryland Senna (Senna mariandica (Cassia m.))
0.5%	Blue False Indigo, Southern WV Ecotype (Baptisia australis, Southern WV Ecotype)
0.5%	Early Goldenrod, VA Ecotype (Solidago juncea, VA Ecotype)
0.2%	Hoary Mountainmint, MD Ecotype (Pycnanthemum incanum, MD Ecotype)
Total: 100%	

### Seed Mix 2 Detention/ Infiltration Basin Seed Specification

(from Ernst Seeds mix: ERNMX-180 -1, or equal)

46%	River Oats, PA/VA Ecotype Blend (Chasmanthium latifolium)
25%	Fox Sedge, PA Ecotype (Carex vulpinoidea, PA Ecotype)
20%	Virginia Wildrye, PA Ecotype (Elymus virginicus, PA Ecotype)
4%	Autumn Bergtgrass, PA Ecotype (Agrostis perennans, PA Ecotype)
3%	Blunt Broom Sedge, PA Ecotype (Carex scoparia)
1%	Soft Rush (Juncus effusus)
1%	Path Rush, PA Ecotype (Juncus tenuis)
Total: 100%	



AYER (RT-110) ROAD