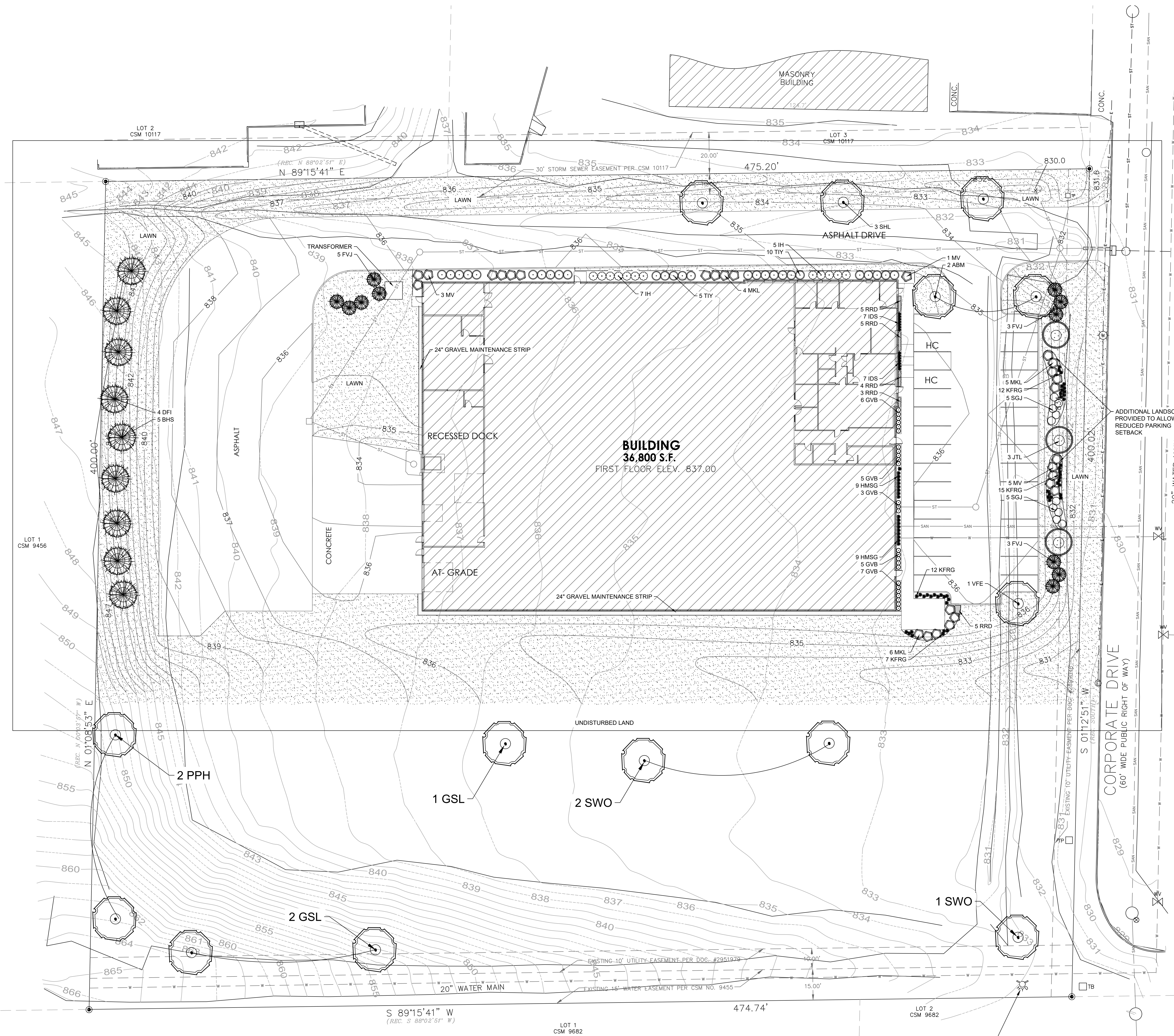
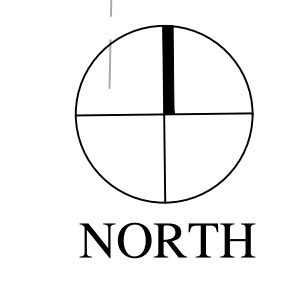


TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
**DIGGERS HOTLINE**  
 CALL DIGGERS HOTLINE  
 811 or 1-800-342-8811  
 MILW. AREA 259-1189  
 MS. STATELINE 852-0751(974)  
 REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE



- SHADE TREES (DECIDUOUS)**
- ABM Autumn Blaze Maple
  - PPH Prairie Pride Hackberry
  - SHL Skyline Honeylocust
  - SWO Swamp White Oak
  - GSL Greenspire Linden
  - VFE Valley Forge American Elm
- ORNAMENTAL TREES (DECIDUOUS)**
- JTL Ivory Silk Japanese Tree Lilac
- EVERGREEN TREES**
- FVJ Fairview Upright Juniper (upright)
  - BHS Black Hills Spruce
  - DFI Douglas Fir
- EVERGREEN SHRUBS**
- GVB Green Velvet Boxwood
  - SGJ Sea Green Juniper
  - TIY Taunton Intermediate Yew
- DECIDUOUS SHRUBS**
- IH Incrediball Hydrangea
  - MKL Miss Kim Dwarf Lilac
  - MV Mohican Viburnum
- ORNAMENTAL GRASSES**
- KFRG Karl Foerster Feather Reed Grass
  - IDS Ice Dance Sedge
  - HMSG Heavy Metal Switch Grass
- HERBACEOUS PERENNIALS**
- RRD Rosy Returns Daylily
- PLANT ABBREVIATIONS**







- Contractor responsible for contacting Diggers Hotline (811 or 800-242-8511) to have site marked prior to excavation or planting.
- Contractor to verify all plant quantities shown on Plant & Material List and landscape planting symbols and report any discrepancies to Landscape Architect or General Contractor.
- All plantings shall comply with standards as described in American Standard of Nursery Stock - Z60.1 ANSI (latest version). Landscape Architect reserves the right to inspect, and potentially reject any plants that are inferior, compromised, undersized, diseased, improperly transported, installed incorrectly or damaged. No sub-standard "B Grade" or "Park Grade" plant material shall be accepted. Plant material shall originate from nursery(ies) with a similar climate as the planting site.
- Any potential plant substitutions must be approved by Landscape Architect or Owner. All plants must be installed as per sizes indicated on Plant & Material Schedule, unless approved by Landscape Architect. Any changes to sizes shown on plan must be submitted in writing to the Landscape Architect prior to installation.
- Topsoil in Packed Lot Islands (if applicable): All parking lot islands to be backfilled with topsoil to a minimum depth of 18" to insure long-term plant health. Topsoil should be placed within 3" of finish grade by General Contractor / Excavation Contractor during rough grading operations/activity. The landscape contractor shall be responsible for the fine grading of all disturbed areas, planting bed areas, and lawn areas. Crown all parking lot islands a minimum of 6" to provide proper drainage, unless otherwise specified.
- Tree Planting: Plant all trees slightly higher than finished grade at the root flare. Remove excess soil from the top of the root ball, if needed. Remove and discard non-biodegradable ball wrapping and support wire. Removed biodegradable burlap and wire cage (if present) from the top 1/3 of the rootball and carefully bend remaining wire down to the bottom of the hole. Once the tree has been placed into the hole and will no longer be moved, score the remaining 2/3 of the burlap and remove the twine. Provide one slow release fertilizer packets (per 1" caliper) for each tree planted.
- Tree Planting: Backfill tree planting holes 80% existing soils removed from excavation and 20% Soil Amendments (see Note 11). Avoid air pockets and do not tamp soil down. Discard any gravel, rocks, heavy clay, or concrete pieces. When hole is 1/2 full, trees shall be watered thoroughly, and water left to soak in before proceeding to fill the remainder of the hole. Water again to full soak in the new planting. Each tree shall receive a 3" deep, 4-5" diameter (see planting details or planting plan) shredded hardwood bark mulch ring / saucer around all trees. Do not build up any mulch onto the trunk of any tree. Trees that are installed incorrectly will be replaced at the time and expense of the Landscape Contractor.
- Shrub Planting: All shrubs to be planted in groupings as indicated on the Landscape Plan. Install with the planting of shrubs a 90% mix of Soil Amendments with blended, pulverized topsoil. Install topsoil into all plant beds as needed to achieve proper grade and displace undesirable soils (see planting detail). Remove all excessive gravel, clay and stones from plant beds prior to planting. When hole(s) are 1/2 full, shrubs shall be watered thoroughly, and water left to soak in before proceeding. Provide slow-release fertilizer packets at the rate of 1 per 24" height/diameter of shrub at planting.
- Mulching: All tree rings to receive a 3" deep layer of high quality shredded hardwood bark mulch (not pigment dyed or enviro-mulch). All shrub planting and perennial planting bed areas (groupings) shall receive a 2-3" layer of shredded hardwood bark mulch, and groundcover areas a 1-2" layer of the same mulch. Do not mulch annual flower beds (if applicable). Do not allow mulch to contact plant stems and tree trunks.
- Edging: All planting beds shall be edged with a 4" deep spade edge using a flat landscape spade or a mechanical edger. Bedlines are to be cut crisp, smooth as per plan. A clean definition between landscape beds and lawn is required. Pack mulch against lawn edge to hold in place.

11. Plant bed preparation/Soil Amendment composition: All perennial, groundcover and annual areas (if applicable) are required to receive a blend of organic soil (Soil Amendments) amendments prior to installation. Roto-till the following materials at the following ratio, into existing soil beds or installed topsoil beds to a depth of approximately 8"-10". Containerized and balled & burlapped plant material should be back-filled with amended soil:

- Per 100 SF of bed area (Soil Amendment composition):
- 3/4 CY Peat Moss or Mushroom Compost
- 3/4 CY blended/pulverized Topsoil
- 1/4 CY composted manure

In roto-tilled beds only, also include in above mixture:  
2 lbs Starter Fertilizer

- Installation preparation for all seeded areas: remove/kill off any existing unwanted vegetation prior to seeding. Prepare the topsoil (if adequate or provide as in item #6 above) and seed bed by removing all surface stones 1" or larger. Apply a starter fertilizer (20-10-5, or approved comparable) and specified seed uniformly at the specified rate, and provide mulch covering suitable to germinate and establish turf. Provide seed and fertilizer specifications to Landscape Architect and Owner prior to installation. Erosion control measures are to be used in swales and on slopes in excess of 1:3 and where applicable (see Civil Engineering Drawings). Methods of installation may vary at the discretion of the Landscape Contractor on his/her responsibility to establish and guarantee a smooth, uniform, quality turf. A minimum of 2" of blended, prepared and non-compacted topsoil is required for all lawn areas. If straw mulch is used as a mulch covering, a tackifier may be necessary to avoid wind dispersal of mulch covering. Marsh hay containing red canary grass is NOT acceptable as a mulch covering.

An acceptable quality seed installation is defined as having:  
No bare spots larger than one (1) square foot  
No more than 10% of the total area with bare areas larger than one (1) square foot  
A uniform coverage through all turf areas

- Warranty and Replacements: All plantings are to be watered thoroughly at the time of planting, through construction and upon completion of project as required. Trees, Evergreens, and Shrubs (deciduous and evergreen) shall be guaranteed (100% replacement) for a minimum of one (1) year from the date of project completion. Perennials, groundcovers, and ornamental grasses shall be guaranteed for a minimum of one (1) growing season. Perennials, groundcovers, and ornamental grasses planted after September 15th shall be guaranteed through May 31st of the following year. Only one replacement per plant will be required during the warranty period, except for losses or replacements due to failure to comply with specified requirements. Watering and general ongoing maintenance instructions are to be supplied by the Landscape Contractor to the Owner upon completion of the project.

- The Landscape Contractor is responsible for the watering and maintenance of all landscape areas for a period of 45 days after the substantial completion of the landscape installation. This shall include all trees, shrubs, evergreens, perennials, ornamental grasses, turf grass, no-mow grass, and native prairie seed mix / stormwater seed mix. Work also includes weeding, edging, mulching (only if required), fertilizing, trimming, sweeping up grass clippings, pruning and deadheading.

- Project Completion: Landscape Contractor is responsible to conduct a final review of the project, upon completion, with the Landscape Architect, Client or Owner / Client Representative, and the General Contractor to answer questions, provide written care instructions for new plantings and turf, and insure that all specifications have been met.

## LANDSCAPE GENERAL NOTES

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED		CALIPER/HEIGHT	ROOT	SPECIFICATION / NOTES	PLANT SPACING
		BOTANICAL NAME	COMMON NAME				
<b>Proposed Landscape Materials</b>							
<b>SHADE TREES (DECIDUOUS)</b>							
ABM	2	Acer xfreemanii 'Autumn Blaze'	Autumn Blaze Maple	2.5"	B&B	Straight central leader, full and even crown. Prune only after planting	
PPH	2	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	2.5"	B&B	Straight central leader, full and even crown. Prune only after planting	
SHL	3	Gleditsia triacanthos 'Skyline'	Skyline Honeylocust	2.5"	B&B	Straight central leader, full and even crown. Prune only after planting	
SWO	3	Quercus bicolor	Swamp White Oak	2.5"	B&B	Straight central leader, full and even crown. Prune only after planting	
GSL	3	Tilia cordata 'Greenspire'	Greenspire Linden	2.5"	B&B	Straight central leader, full and even crown. Prune only after planting	
VFE	1	Ulmus americana 'Valley Forge'	Valley Forge American Elm	2.5"	B&B	Straight central leader, full and even crown. Prune only after planting	

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED		CALIPER/HEIGHT	ROOT	SPECIFICATION / NOTES	PLANT SPACING
		BOTANICAL NAME	COMMON NAME				
<b>ORNAMENTAL TREES (DECIDUOUS)</b>							
JTL	3	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	6'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED		HEIGHT	ROOT	SPECIFICATION / NOTES	PLANT SPACING
		BOTANICAL NAME	COMMON NAME				
<b>EVERGREEN TREES</b>							
FVJ	11	Juniperus scopulorum 'Fairview'	Fairview Upright Juniper (upright)	6'	B&B	Evenly shaped tree with branching to the ground	60"
BHS	5	Picea glauca 'densata'	Black Hills Spruce	6'	B&B	Evenly shaped tree with branching to the ground	15'
DFI	4	Pseudotsuga menziesii	Douglas Fir	6'	B&B	Evenly shaped tree with branching to the ground	17'

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED		SHRUB SIZE (HEIGHT)	ROOT/CONT.	SPECIFICATION / NOTES	PLANT SPACING
		BOTANICAL NAME	COMMON NAME				
<b>EVERGREEN SHRUBS</b>							
GVB	26	Buxus 'Green Velvet'	Green Velvet Boxwood	15" HT	Cont.	Full rounded well branched shrub	24-30"
SGI	15	Juniperus chinensis 'Sea Green'	Sea Green Juniper	#5	Cont.	Full rounded well branched shrub	54"
TIV	17	Taxus xmedia 'Tautou'	Taunton Intermediate Yew	24"	B&B	Full rounded well branched shrub	42"

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED		SHRUB SIZE (HEIGHT)	ROOT/CONT.	SPECIFICATION / NOTES	PLANT SPACING
		BOTANICAL NAME	COMMON NAME				
<b>DECIDUOUS SHRUBS</b>							
IH	12	Hydrangea arborescens 'Abetwo'	Incrediball Hydrangea	#5	Cont.	Full, well rooted plant, evenly shaped	48"
MKL	14	Syringa patula 'Miss Kim'	Miss Kim Dwarf Lilac	24-30"	Cont.	Full, well rooted plant, evenly shaped	60"
MV	9	Viburnum lantana 'Mohican'	Mohican Viburnum	42"	B&B	Full, well rounded plant with moist rootball and healthy appearance	60"

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED		CONTAINER SIZE	SPECIFICATION / NOTES	PLANT SPACING	
		BOTANICAL NAME	COMMON NAME				
<b>ORNAMENTAL GRASSES</b>							
KFRG	46	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1	Cont.	Full, well rooted plant	15-18"
JDS	14	Carex morrowii 'Ice Dance'	Ice Dance Sedge	#1	Cont.	Full, well rooted plant	15"
HMSG	18	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	#1	Cont.	Full, well rooted plant	18"

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED		CONTAINER SIZE	SPECIFICATION / NOTES	PLANT SPACING	
		BOTANICAL NAME	COMMON NAME				
<b>HERBACEOUS PERENNIALS</b>							
RRD	22	Hemerocallis 'Rosy Returns'	Rosy Returns Daylily	#1	Cont.	Full, well rooted plant, evenly shaped	18"

PLAN KEY	QUANTITY	PLANT MATERIAL PROPOSED		CONTAINER SIZE	SPECIFICATION / NOTES	PLANT SPACING
		SPECIFIED SEED MIX / SOD	Grading Area			
LAWN	4829	Lawn Establishment Area / Grading Area		5Y	Reinder's Deluxe 50 Seed Mix (800-785-3301)	
	43460	Erosion Matting for sloped seeded areas	see plan for area delineation	SF	EroTex D575 Erosion Control Blanket (or approved equal)	

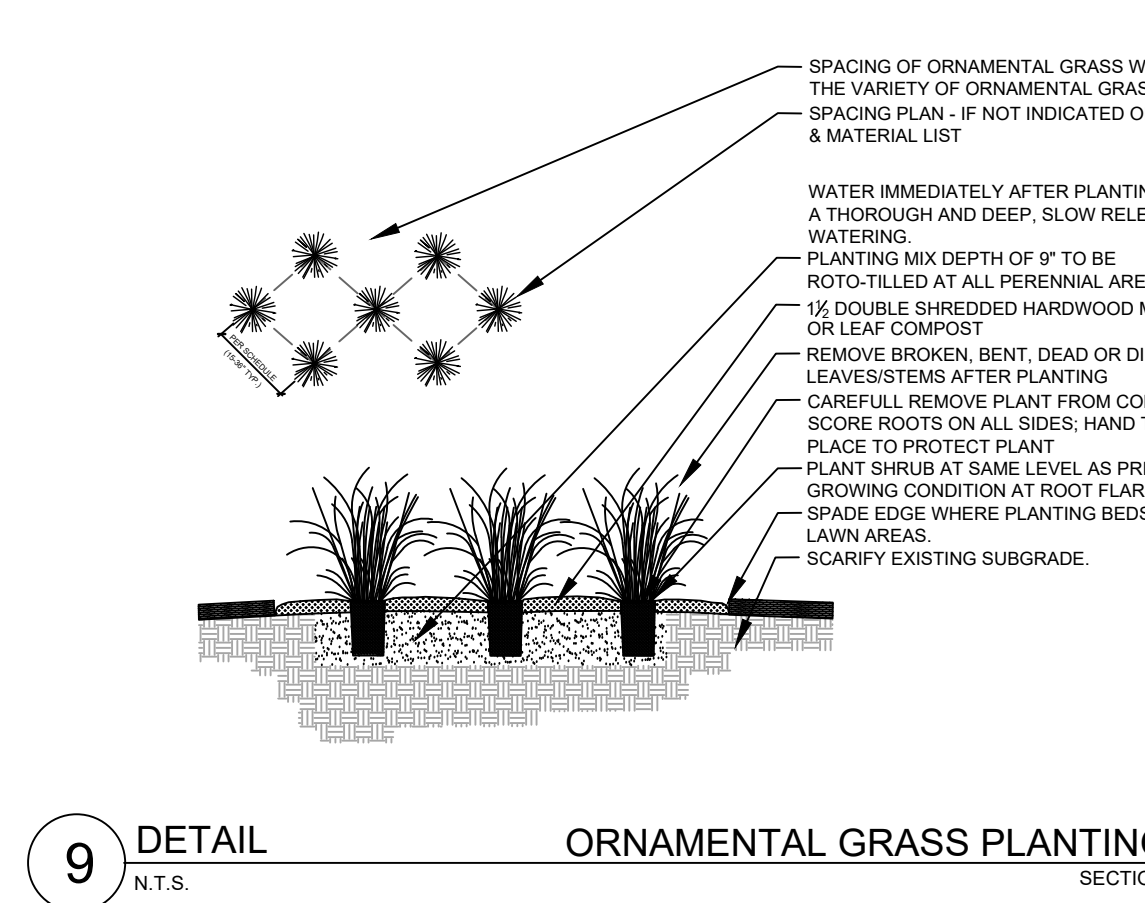
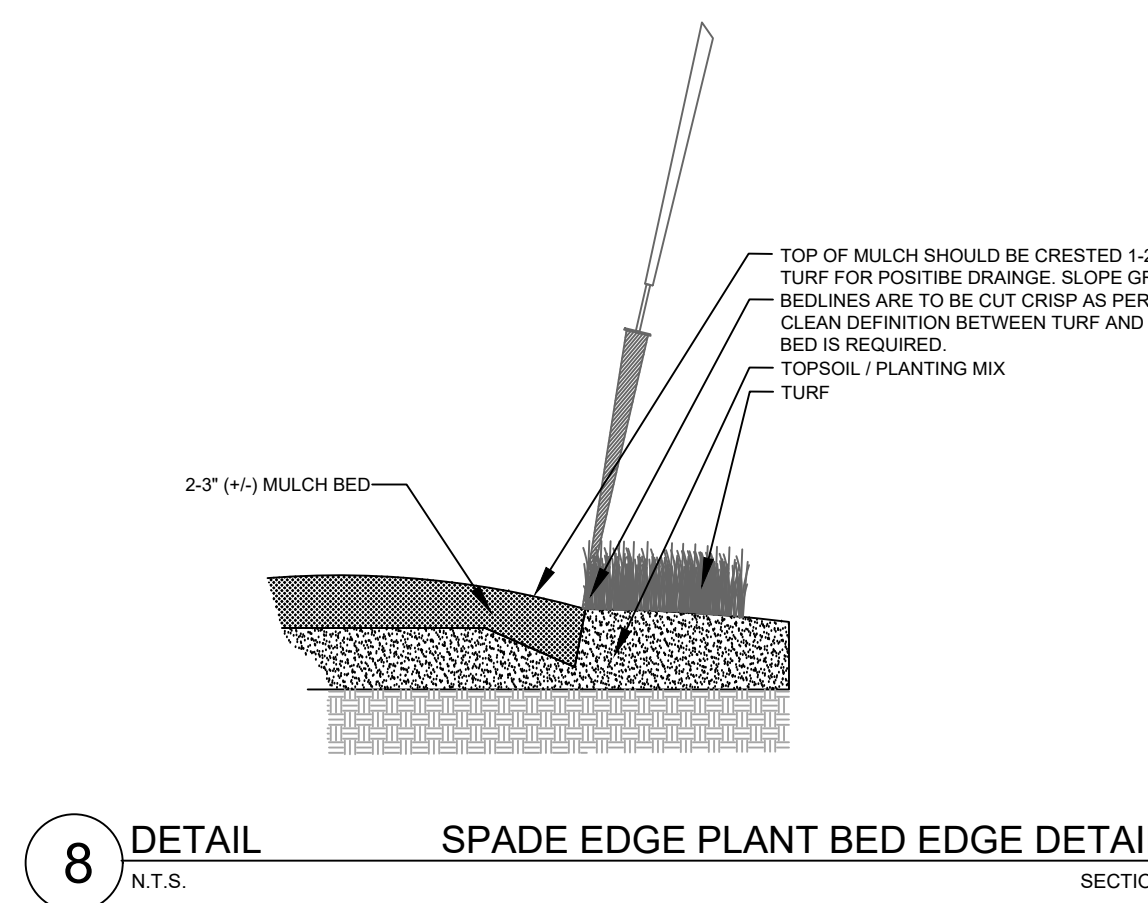
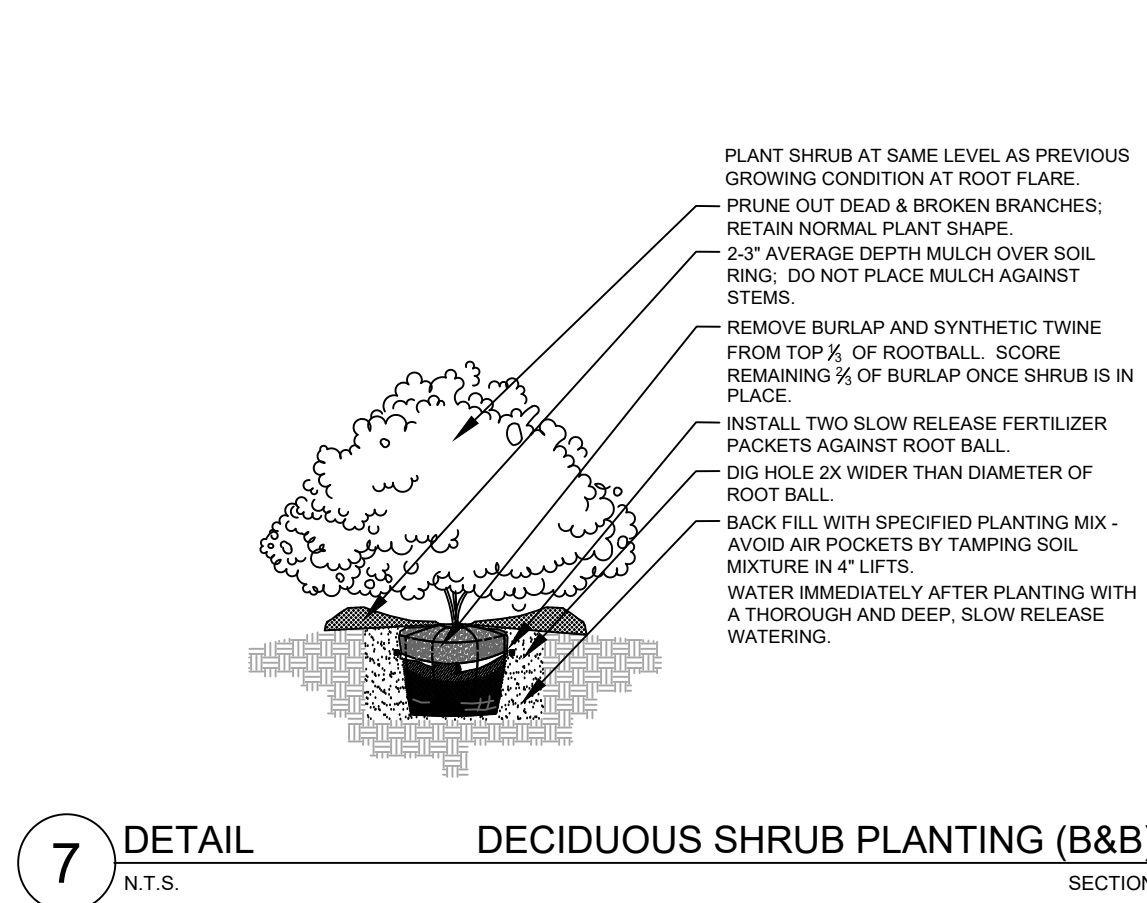
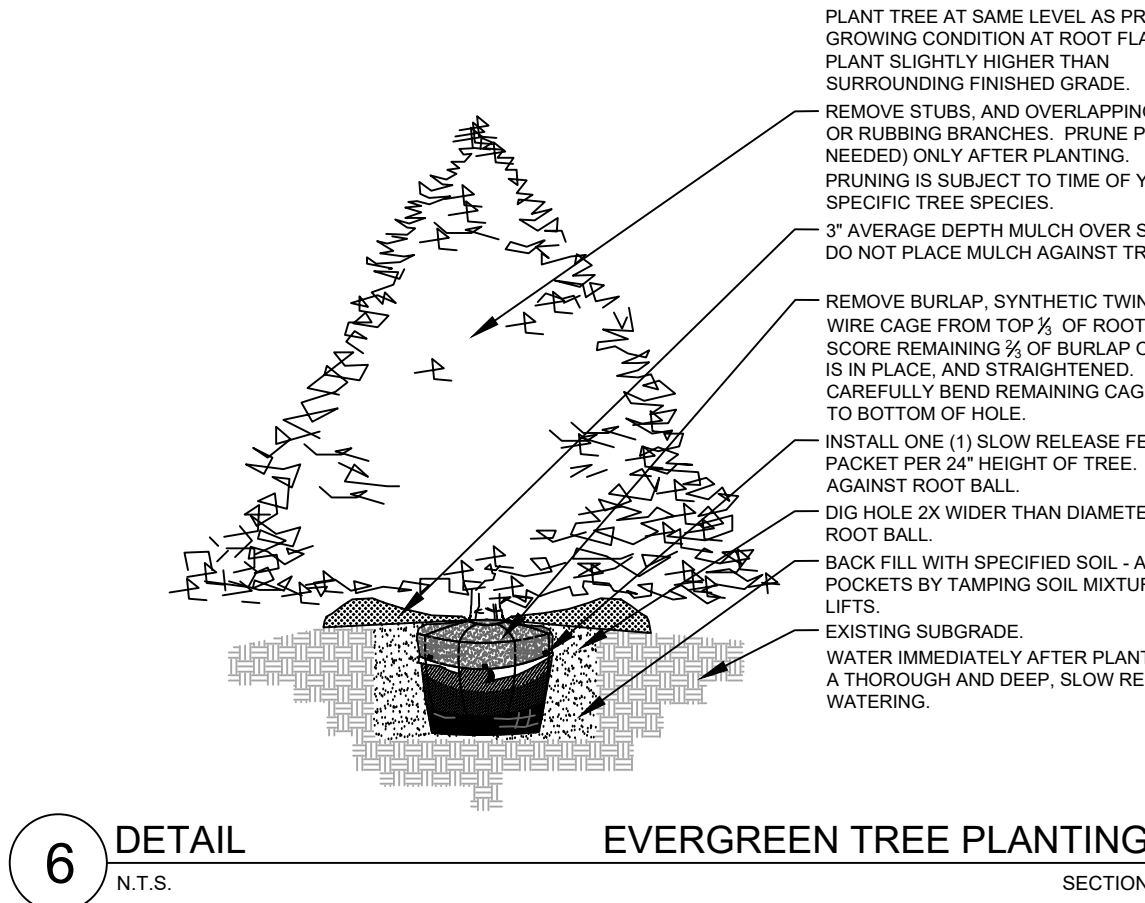
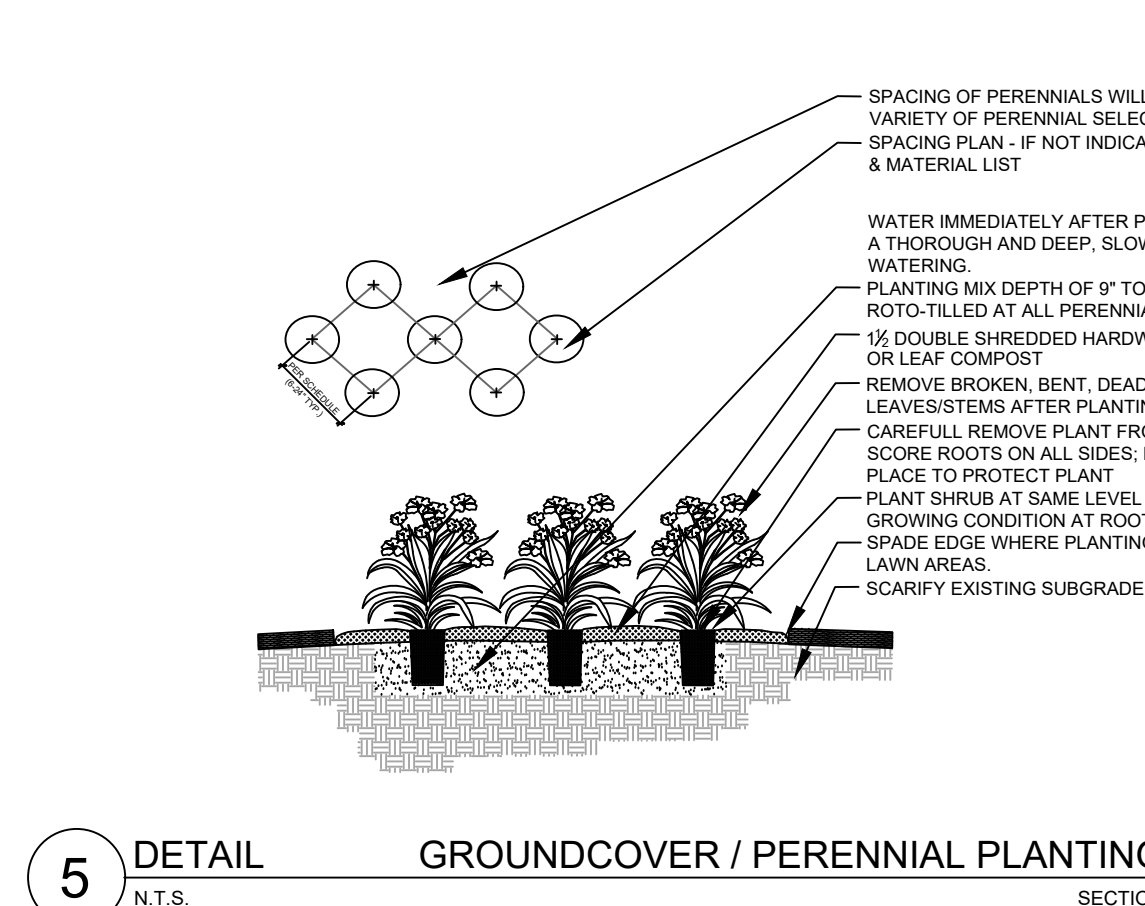
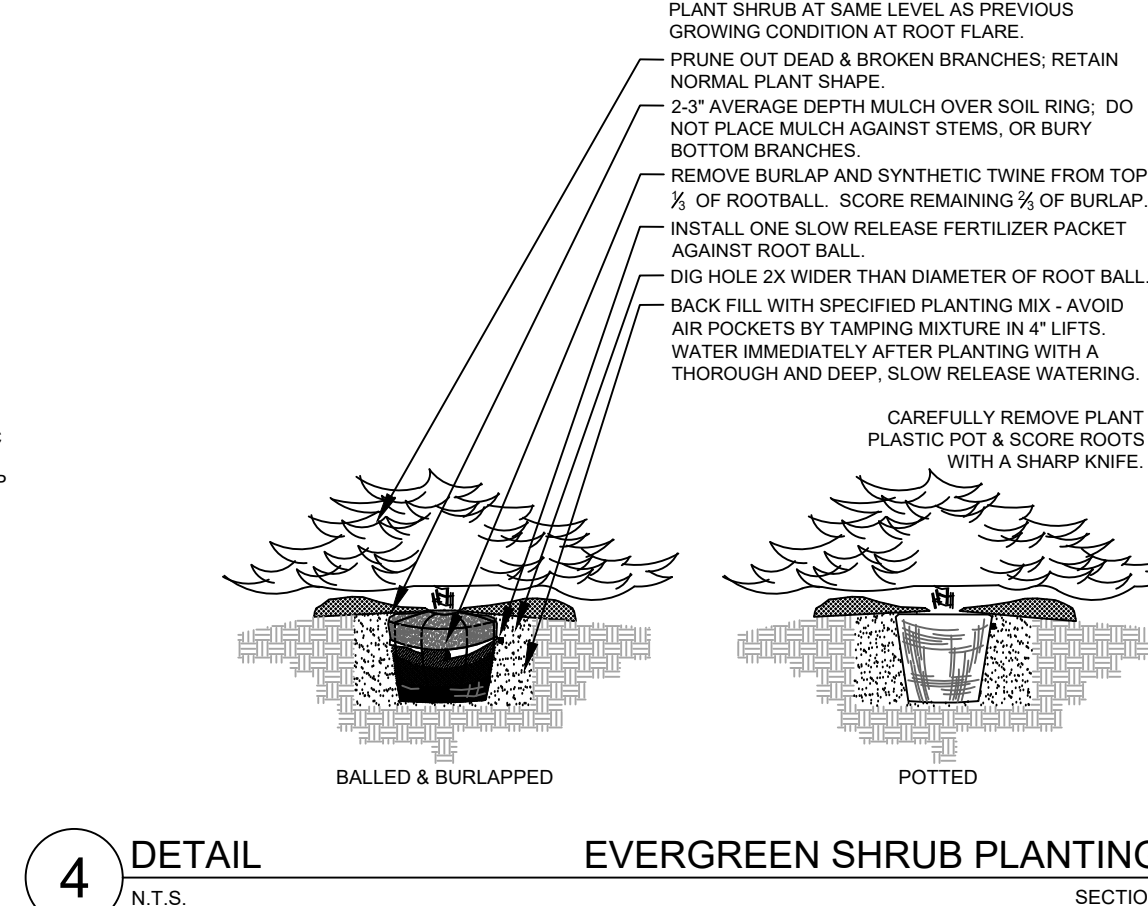
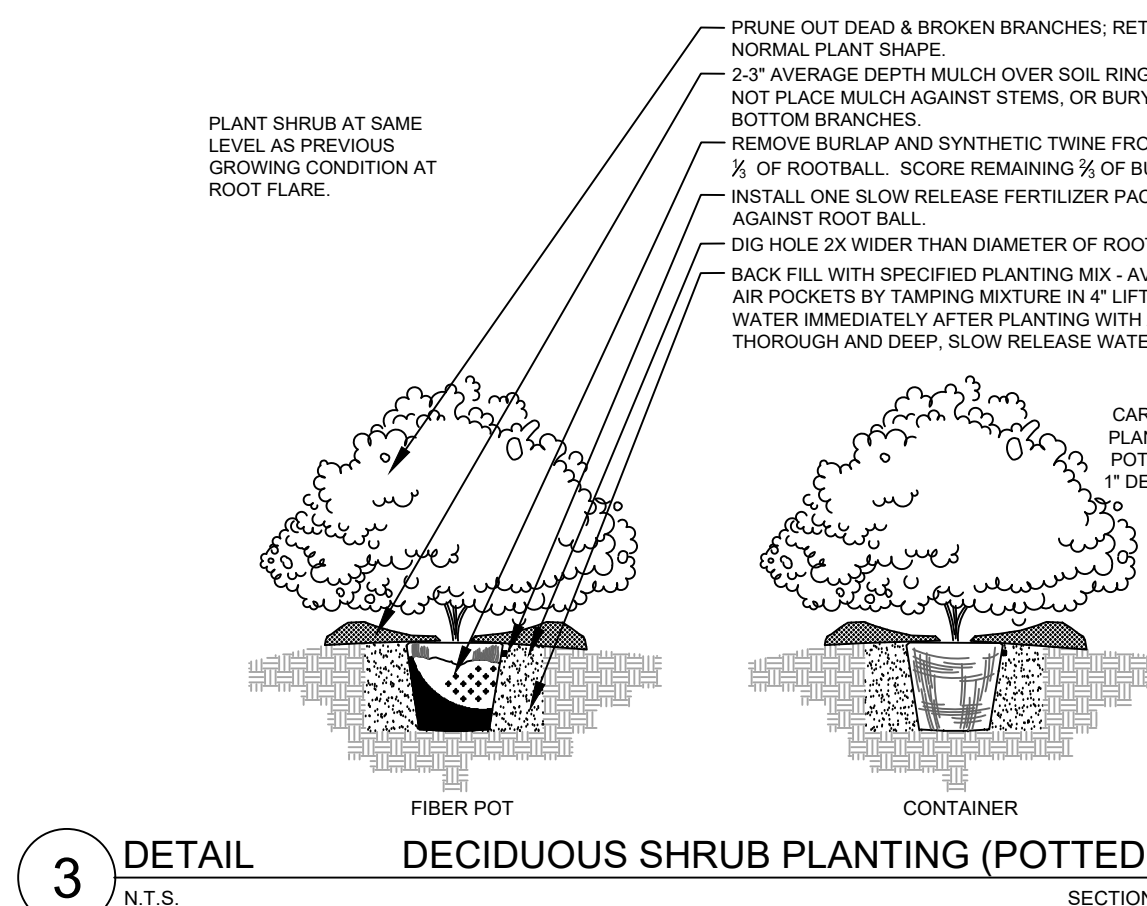
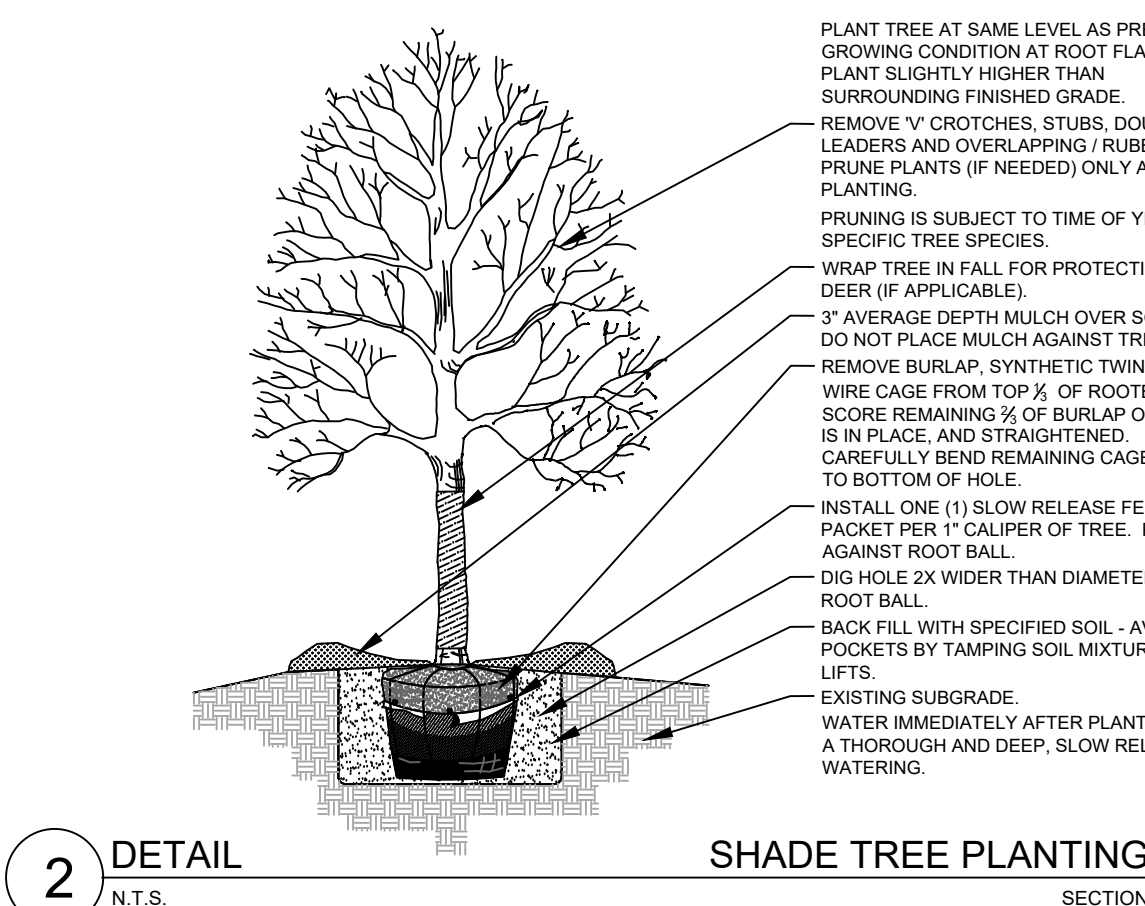
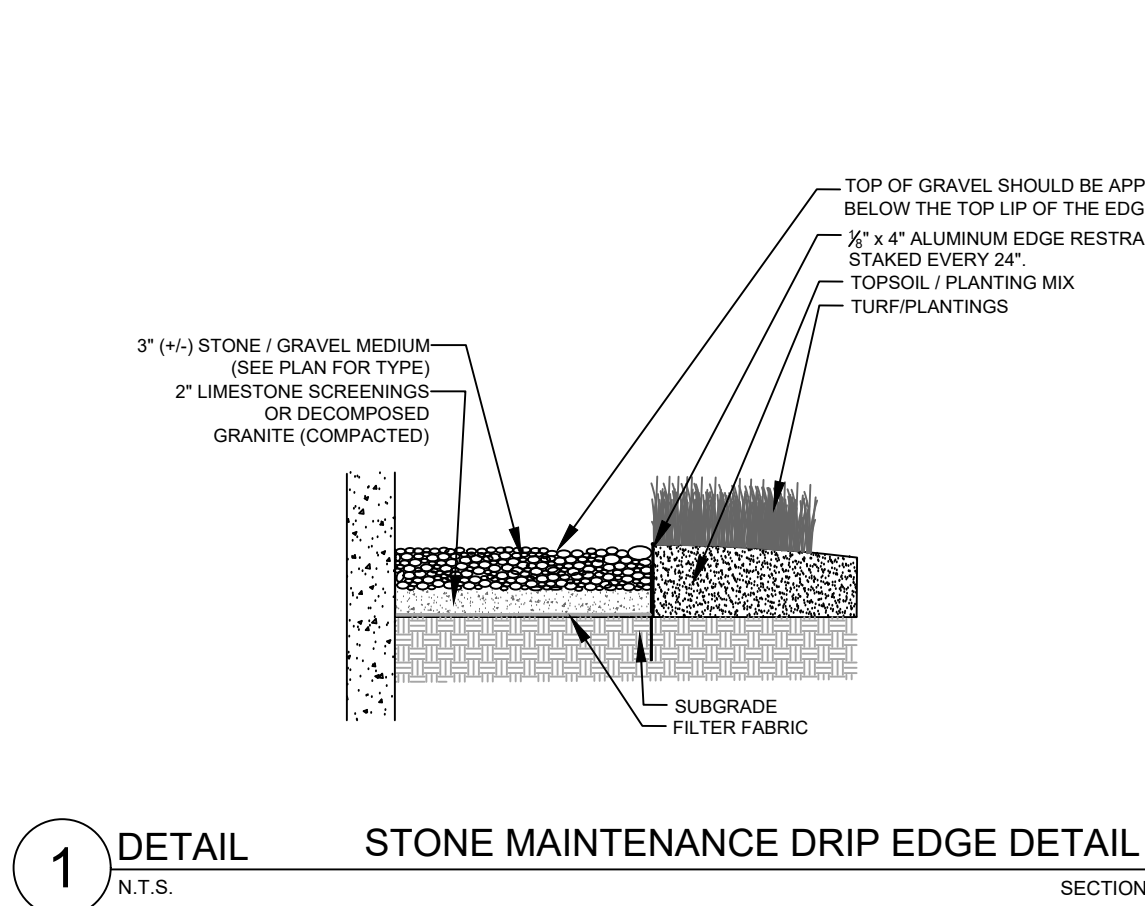
Hardscape Materials		Area	Notes
6	Heritage River Gravel Mulch (1.0-1.5" pieces)	Area: 630 SF	
310	Aluminum Edge Restraint (gravel areas)	Permaloc ProSlide 3/16"x5.5" Black Duraflex Finish	TN 2" depth
630	Landscape Fabric	SF	LF
35	Shredded Hardwood Mulch (3" depth)	Area: 3,750 SF	CY Bark Mulch; apply Preemergent after installation of mulch
23	Soil Amendments (2" depth)	Area: 3,750 SF	CY
134	Pulverized Topsoil (Lawn Area)	Area: 43,460 SF	CY
23	Pulverized Topsoil (2" over bed areas)	Area: 3,750 SF	CY

\*Landscape counts & quantities are provided as a service to the Landscape Contractor; Landscape Contractor is responsible for verifying these counts and quantities in order to provide a complete landscape installation as outlined on this Landscape Master Plan. In the event that a discrepancy occurs between this schedule and the Landscape Master Plan, the Landscape Master Plan including the graphics and notations depicted therein shall govern.

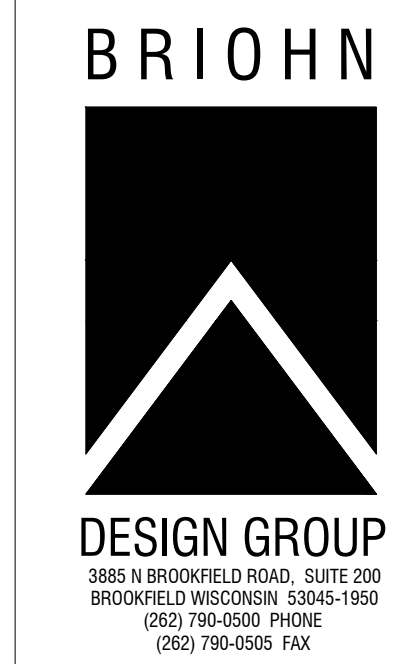
**Seed Compositions:**  
Reinder's Deluxe 50 Seed Mix (800-785-3301):  
20% Kentucky Bluegrass (Sod Quality)  
15% Newport Kentucky Bluegrass  
15% Ken Blue Kentucky Bluegrass  
25% Creeping Red Fescue

Seed at rate of 150-200# per acre

## PLANT & MATERIAL SCHEDULE



P.O. Box 1359  
Lake Geneva, Wisconsin 53147-1359  
ph 262.639.9733  
david@wdavidheller.com  
www.wdavidheller.com



LANDSCAPE DETAILS, NOTES, AND SCHEDULES

A NEW FACILITY FOR:  
BRELLIE GEAR  
CORPORATE DRIVE  
WAUKESHA, WISCONSIN

JOB: 18-095  
DRAWN: PCA/WDH  
CHECKED: WDH  
DATE: 12.07.2018  
SHEET:

L 1.1

## PLANTING & HARDSCAPE DETAILS