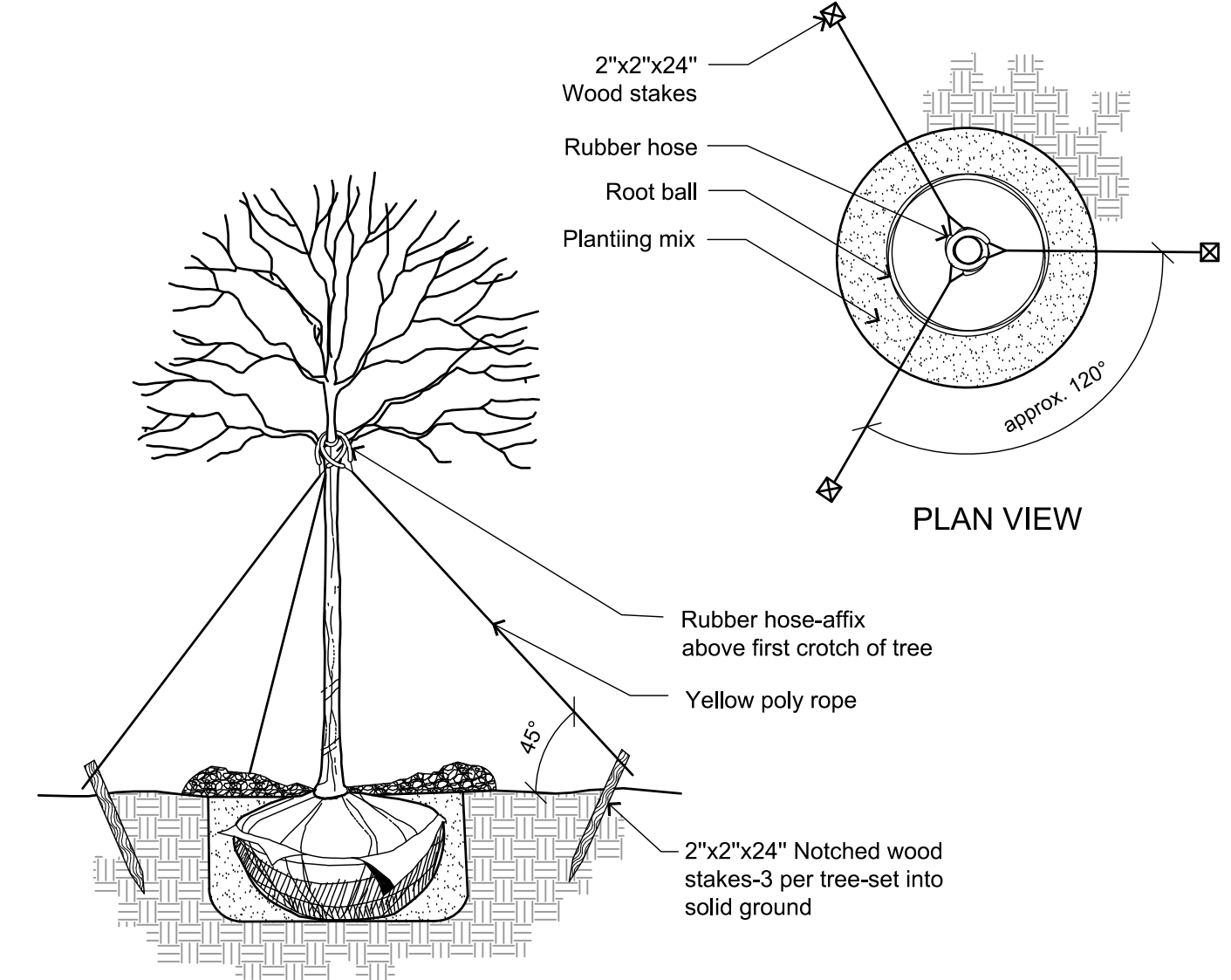
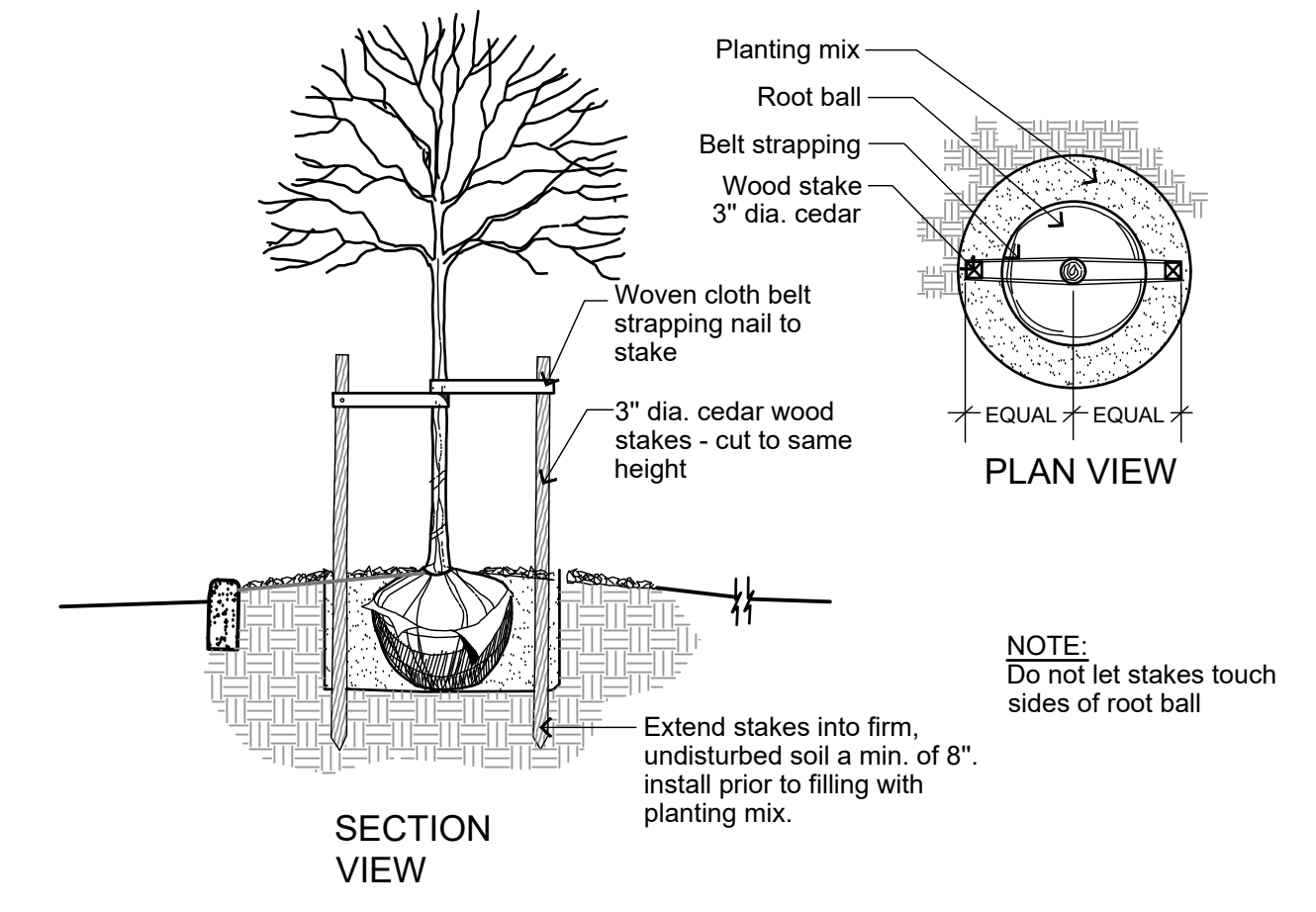


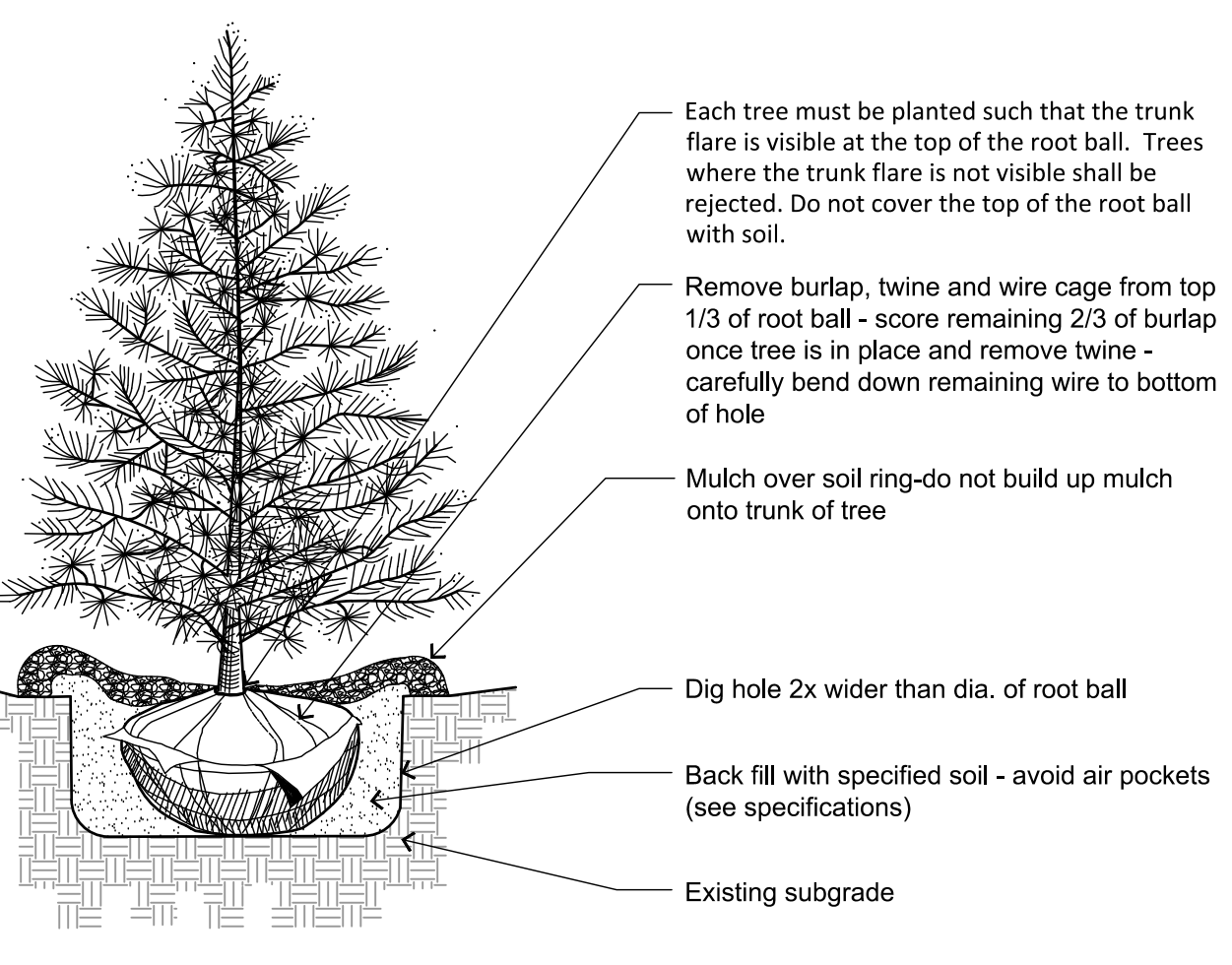
**1 DECIDUOUS TREE PLANTING DETAIL**  
NOT TO SCALE



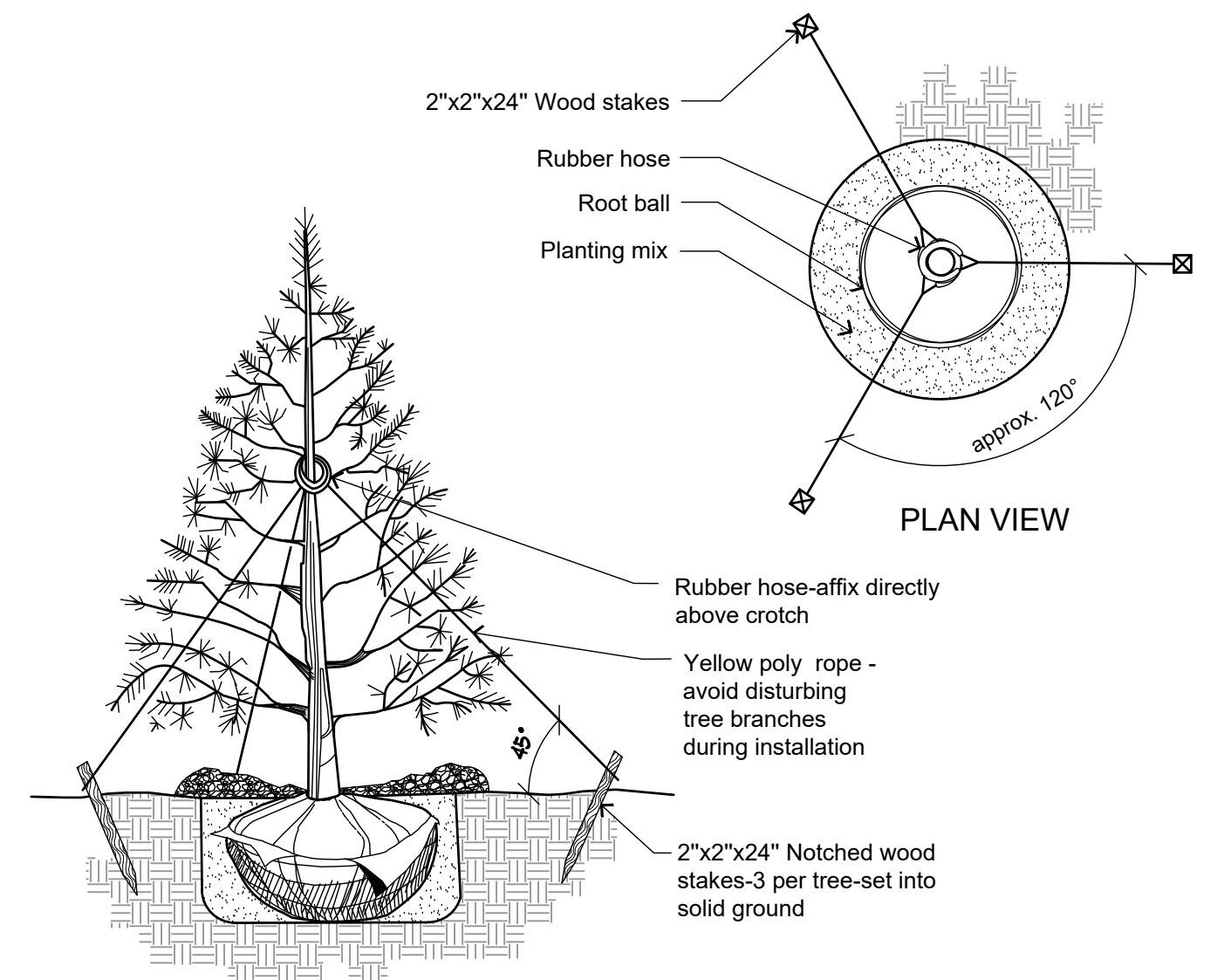
**2 DECIDUOUS TREE STAKING DETAIL**  
NOT TO SCALE P-PL-TREE-DEC-03



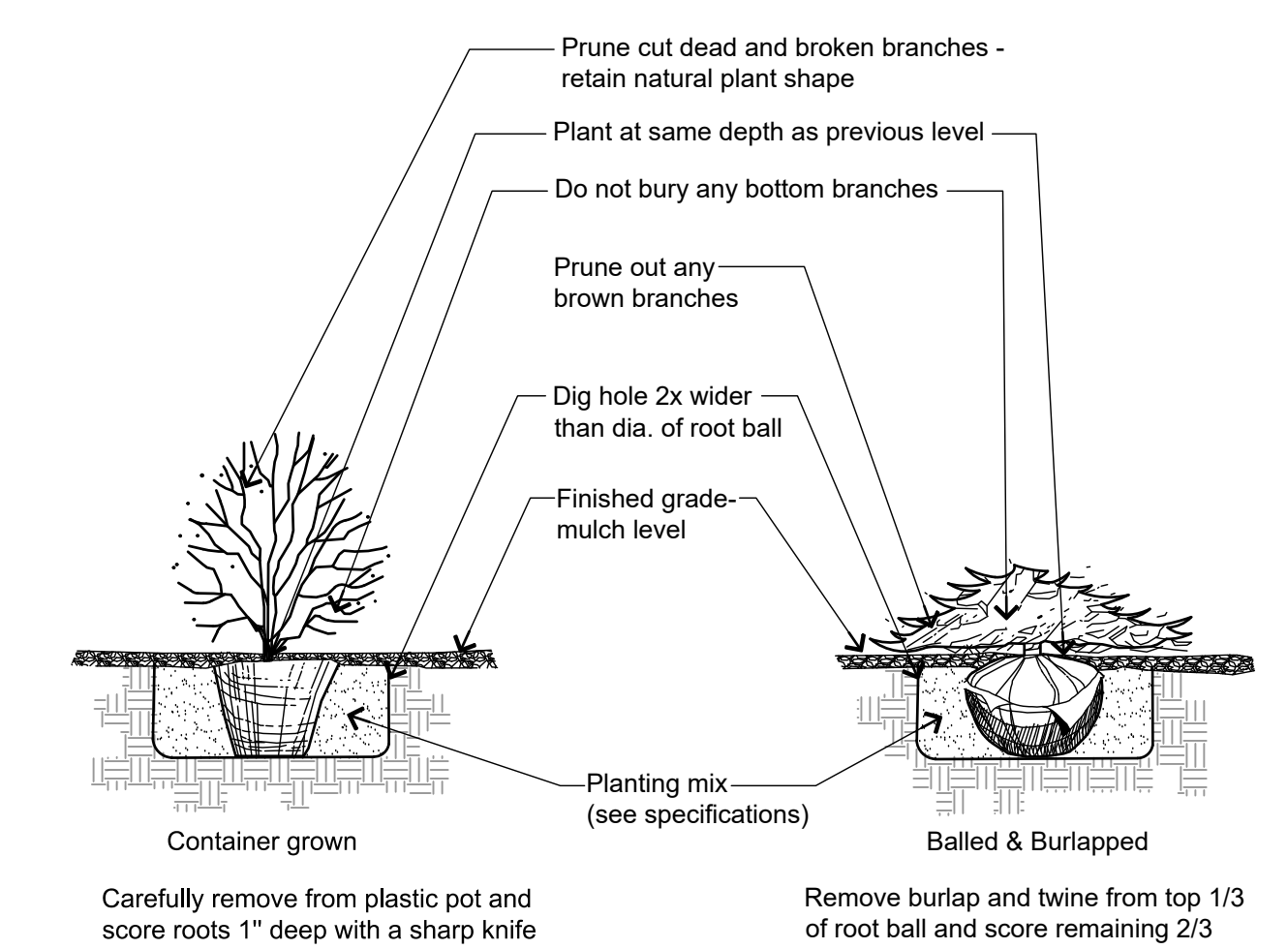
**3 DECIDUOUS TREE STAKING FOR RESTRICTED AREAS**  
NOT TO SCALE P-PL-TREE-DEC-01



**4 EVERGREEN TREE PLANTING DETAIL**  
NOT TO SCALE



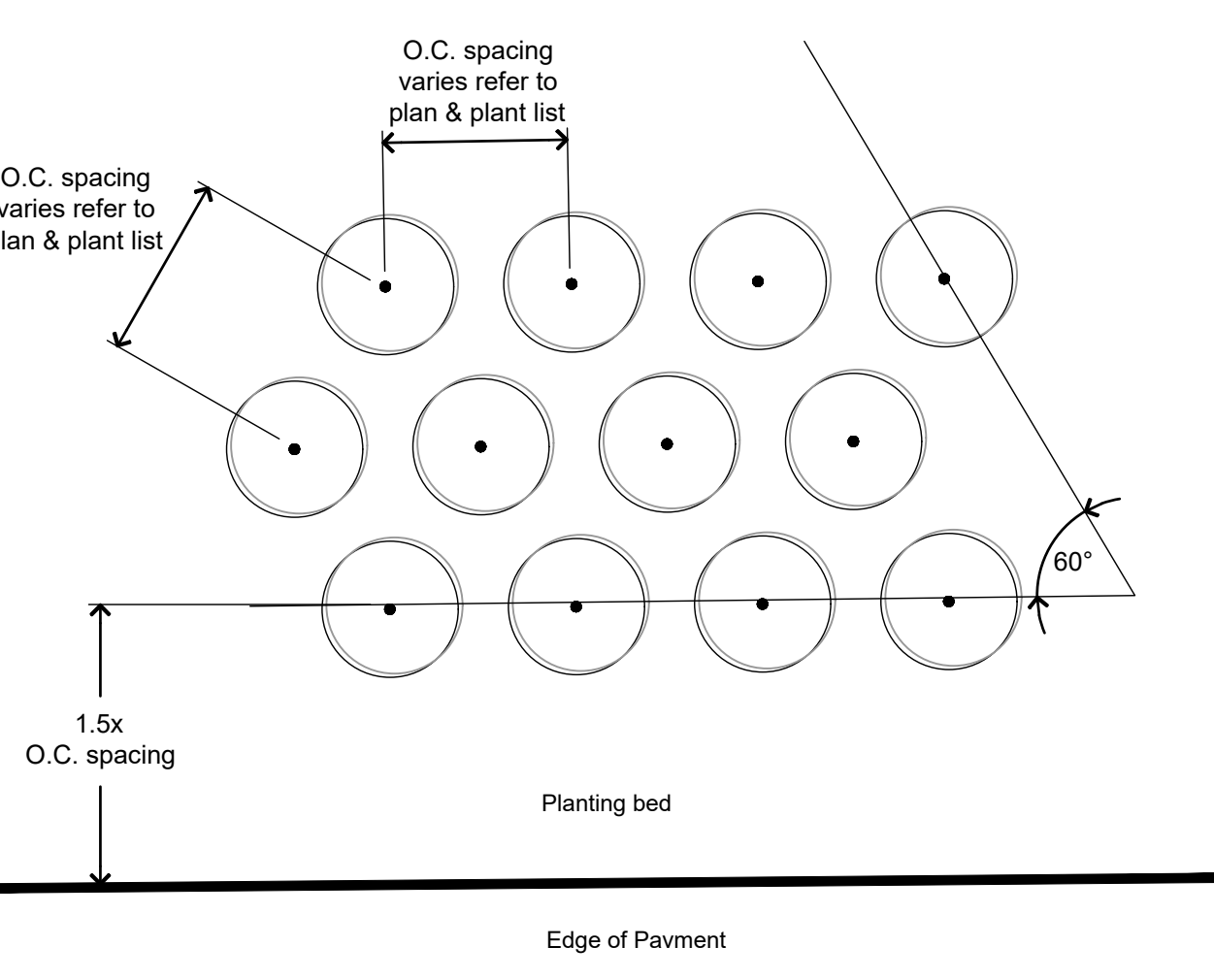
**5 EVERGREEN STAKING DETAIL**  
NOT TO SCALE P-PL-TREE-EVER-02



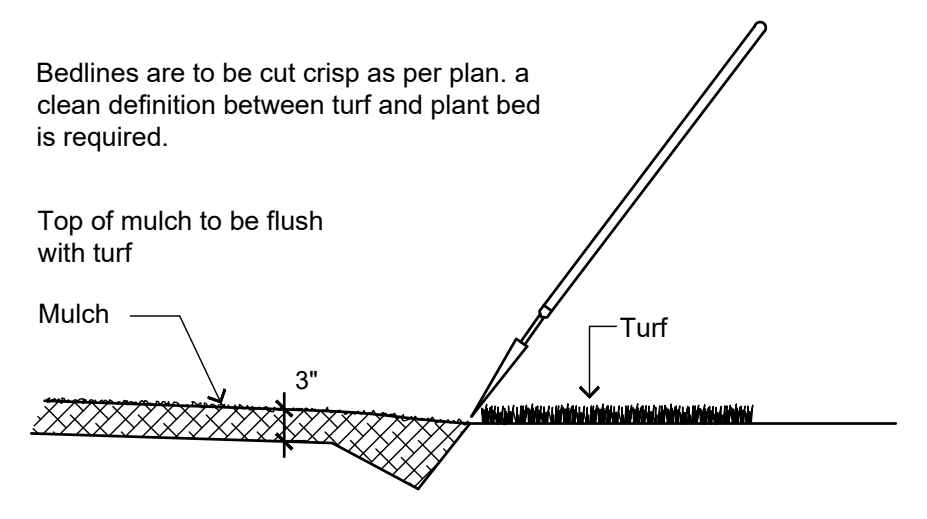
**6 SHRUB PLANTING DETAIL**  
NOT TO SCALE

**GENERAL LANDSCAPE NOTES**

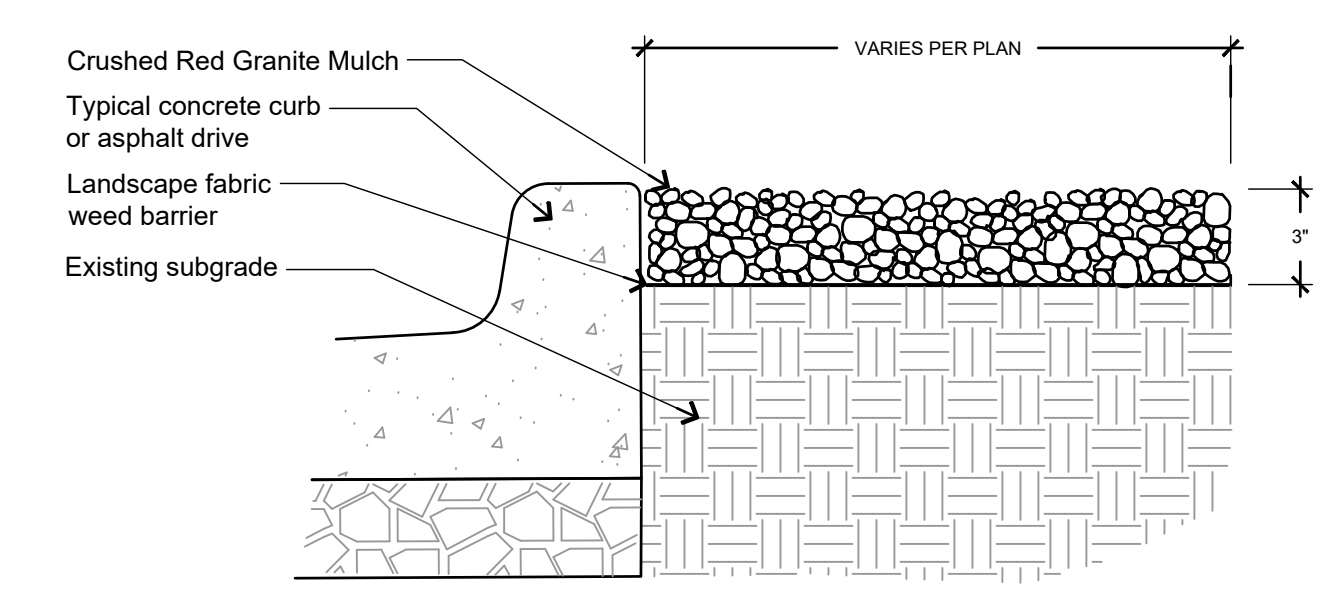
- Contractor responsible for contacting public and private underground utility locating service to have site marked prior to any digging or earthwork.
- Contractor to verify all plant quantities shown on plant list and verify with plan. Report any discrepancies immediately to general contractor.
- All plantings shall comply with standards as described in American Standard of Nursery Stock - ANSI Z60.1 (latest version). General contractor or owner's representative reserves the right to inspect and potentially reject any plants that are inferior, compromised, undersized, diseased, improperly transported, installed incorrectly or damaged.
- Any potential plant substitutions must be submitted in writing and approved by the general contractor or owner's representative prior to installation. All plants must be installed as per sizes shown on plant material schedule, unless approved by general contractor or owner's representative.
- Topsoil should be placed to within 4" of finish grade by landscape contractor during rough grading operations. All parking lot islands and planting beds to be backfilled with topsoil to a minimum depth of 30" as measured from top of curb to provide proper drainage (unless otherwise specified) by grading contractor to insure long term plant health.
- The landscape contractor to be responsible for the fine grading of all landscaped areas. A minimum depth of 4" of blended, prepared and non-compacted topsoil is required for all seeded areas. Finished landscaped areas to be smooth, uniform and provide positive drainage away from all structures and pavement.
- Tree planting (see planting detail). Plant all trees slightly higher than finished grade at root flare. Remove excess soil from top of root ball. If needed Scarify side walls of tree pit prior to installation. Remove and discard non-biodegradable burlap and support wire. Remove biodegradable burlap and wire cage (if applicable) from top one-third of rootball. Carefully bend remaining wire down to the bottom of hole once the tree has been placed into the hole and will no longer be moved. Score the remaining two-thirds of burlap and remove twine. Backfill pit with 80% existing soil removed from excavation and 20% plant starter mix banded prior to backfilling holes. Discard any gravel, heavy clay or stones. Avoid any air pockets and do not tamp soil down. When hole is two-thirds full, trees shall be watered thoroughly, and water left to soak in before proceeding. Provide a 3" deep, 4" diameter shredded hardwood bark mulch ring around all lawn trees. Do not build up any mulch onto trunk of any tree. Trees that are installed incorrectly will be replaced at the time and expense of the landscape contractor. Stake trees according to the staking detail.
- Shrub planting: all shrubs to be pocket planted with a 50/50 mix of plant starter and topsoil. Install topsoil into all plant beds as needed to achieve proper grade and replace undesirable soil (see planting detail). Remove all excessive gravel, clay and stones from plant beds prior to planting. When hole is two-thirds full, shrubs shall be watered thoroughly and water left to soak in before proceeding.
- Mulching: all tree and shrub planting beds to receive a 3" deep layer of high quality shredded hardwood bark mulch (not environment). All perennial planting areas to receive a 2" layer and groundcover areas a 1.5" layer of the same mulch. Do not mulch annual flower beds (if applicable). Do not allow mulch to contact plant stems and tree trunks.
- Decomposed Granite mulch, as noted, to receive 3" of decomposed granite over polypropylene weed barrier with aluminum edging.
- Edging: edge all planting beds with a 4" deep spaded edge (shovel cut or mechanical). Bedlines are to be cut crisp, as per plan. A clean definition between lawn area and plant bed is required.
- Plant bed preparation: all perennial, ornamental grass, annual and groundcover areas are required to receive a blend of organic soil amendments prior to installation. Robottit the following materials, at the ratio given, into the required 16" of topsoil to a depth of approx. 8" -  
Per every 100 square feet of bed area add:  
2 cu. ft. bale of peat moss  
2 lbs. of 5-10-5 slow release fertilizer  
1/4 cu. yard of composted manure
- Lawn installation for all seeded turfgrass areas: remove / kill off any existing unwanted vegetation prior to seeding. Prepare the topsoil and seed bed by removing all surface stones 1" or larger and grading lawn areas to finish grade. Apply a starter fertilizer and specified seed uniformly and provide mulch covering suitable to germinate and establish turf. Provide seed and fertilizer mix information to general contractor prior to installation. Erosion control measures are to be used in swales and on steep grades, where applicable. 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 depth of 3" 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 damage. Marsh hay containing reed canary grass is not acceptable as a mulch covering. An acceptable quality turf is defined as having no more than 10% of the total area with bare spots larger than 1 square foot and uniform coverage throughout all turf areas.
- Seed mix for lawn areas - use only a premium quality seed mix installed at recommended rates. Premium blend seed mix example (or equivalent): 50% blended bluegrass, 20% creeping red fescue, 25% perennial ryegrass applied at 5 lbs per 1,000 SF. Provide seed specifications to general contractor prior to installation.
- Lawn installation for all sodded turfgrass areas: remove / kill off any existing unwanted vegetation prior to sodding. Prepare the topsoil and sod bed by removing all surface stones 1" or larger and grading lawn areas to finish grade. Apply a 10-10-10 starter fertilizer uniformly throughout areas prior to laying the sod. Use only premium sod blend according to TPI (revised 1995) and ASPA standards. Install sod uniformly with staggered joints, laid tightly end to end and side to side. Roll sod with a walk behind roller and water immediately upon installation to a 3" depth. Stake any sod installed on steep slopes or in swales, etc. Landscape contractor is responsible to provide a smooth, uniform, healthy turf, and is responsible for the first two mowings of the newly installed turf, and is also responsible for the required watering during this period.
- Warranty and replacements: Trees, evergreens, and shrubs to be guaranteed (100% replacement) for a minimum of one (1) year from the date of substantial project completion. Perennials and ornamental grasses to be guaranteed for a minimum of one growing season from the date of substantial project completion. Perennials and ornamental grasses planted after September 1st 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.
- The landscape contractor is responsible for the watering and maintenance of all landscape areas at time of planting, throughout construction and for a period of 60 days after the substantial completion of the installation. This includes all trees, shrubs, evergreens, perennials, ornamental grasses and turf grass areas. Work also includes weeding, edging, mulching (only if required), fertilizing, trimming, sweeping up grass clippings, pruning and deadheading.
- Project completion: upon substantial completion of the project, the landscape contractor is responsible to conduct a final review with the owner's representative and the general contractor to answer questions and insure that all specifications have been met. The landscape contractor is to provide watering and general ongoing maintenance instructions (in writing) for the new plantings and lawn to the owner and general contractor.



**7 PLANTING DETAIL**  
NOT TO SCALE P-PL-PL-03



**8 SHOVEL CUT PLANT BED EDGING DETAIL**  
NOT TO SCALE P-PL-BDEG-01



**9 PARKING LOT ISLAND GRAVEL MULCH DETAIL**  
NOT TO SCALE P-MAINT-DC-11



R.A. SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A. SMITH, INC.

THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

DESCRIPTION	
DATE	
<p><b>SITE CIVIL ENGINEER:</b> R.A. SMITH, INC. 16475 W. BLUEMOUND ROAD SUITE 200 BROOKFIELD, WI 53005 PH: 262/781-1000</p>	
<p><b>SERITAGE REDEVELOPMENT - ORLAND SQUARE</b> 2 ORLAND SQUARE DRIVE VILLAGE OF ORLAND PARK, ORLAND TOWNSHIP, COOK COUNTY, IL</p>	
<p><b>LANDSCAPE NOTES AND DETAILS</b></p>	
<p>© COPYRIGHT 2019 R.A. Smith, Inc. DATE: 03-19-19 SCALE: NOT TO SCALE JOB NO. 3170138 PROJECT MANAGER: JEFFREY T. NANCE DESIGNED BY: NJW/CNS CHECKED BY: CNS</p>	
<p><b>SHEET NUMBER</b></p>	
<p>L105</p>	