

Planting Specifications

General

- Landscape work shall follow Part 900 Landscaping and Irrigation of the City of Wichita Standard Specifications (See Public Works Engineering section of www.wichita.gov) and the Landscape Policy noted on this sheet. This includes, but is not limited to, tree planting and grass installation methods, staking, irrigation repairs, payment, acceptance, and guarantee. Verify need, if any, for irrigation repairs with Engineer. Specifications noted herein shall define specific work operations, and supersede the Standard Specifications.
- The Landscape Contractor shall provide all plants, materials, labor and equipment to complete the installation of trees and grass areas according to these specifications and the planting plan. The Landscape Contractor shall be responsible for repair to disturbed areas.
- Rough grading shall be by the General Contractor. The Landscape Contractor shall be responsible for finished grading prior to grass installation and planting operations.
- Contractor shall protect existing trees to remain from damage during construction activities.
- Prior to landscape work, flag all underground utilities by calling Kansas One-Call (Phone: 1-800-344-7233).
- Existing underground irrigation sprinkling systems damaged during construction activities shall be repaired by the Contractor. Contractor shall coordinate repairs with affected Owners.
- Notify the Engineer of variances between the plan and site conditions which affect planting operations.
- Prior to the start of fine grading, if season permits, the Landscape Contractor shall spray to kill weeds and undesirable grass in landscape areas. Use Round-up or similar chemical in as many applications as required for complete kill.
- The Landscape Contractor shall be responsible to coordinate landscape work with work of the Irrigation Contractor and other Contractors affected by landscape work.
- Quantities scheduled on drawings are for information only. Contractor shall perform their own quantity survey and include all materials and incidentals required for a complete project.

Materials and Installation Requirements

Materials shall be approved by the Engineer before start of work. Materials and grass may be rejected at any time during the installation.

Topsoil shall be provided by the Landscape Contractor as required for finished grading. This is intended only for low areas of the rough grade and not the entire site.

Plant Materials shall meet current American National Standards Institute standards and exhibit a vigorous and healthy condition.

Grass sod and seed to be as shown on plans and as specified.

Mulch to match City Specifications.

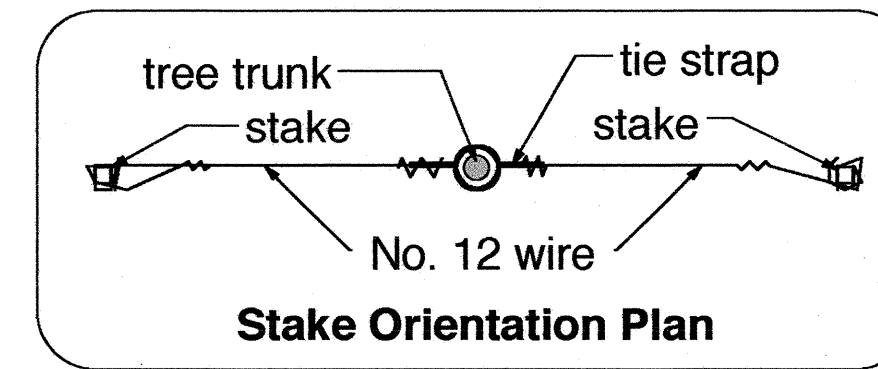
Soil Amendments Use 4 parts soil from excavation to 1 part "Back to Earth" cotton bur compost or horticultural peat moss for planting backfill.

Fertilizer for planting backfill to be Milorganite (6-2-0) or other approved product installed per Manufacturer's instructions.

Tree Wrap shall be 4" Forces wrap or other approved product (i.e. DeWitt Tree Wrap). Securely wrap from ground level to second level of branches on the trunk. All Maple and Crabapple trees shall be wrapped. Park Department Representative or Engineer shall inspect trunks for damage before they are wrapped. Use of wrap for other trees is at the Landscape Contractor's discretion.

General

- All areas disturbed by construction that are adjacent to developed properties shall be restored with sod to match existing turf type. Restoration of disturbed areas shall include, but not be limited to, topsoil preparation and sodding. All sodding work shall be in accordance with City Standard specifications and the City Administrative Regulation No. AR78, which governs cleanup and restoration or replacement following construction. The "Recapitulation of Quantities" shows the estimated Square Yards of sodding, with a bid item for the same. When the weather/season prevents the installation of sod, Contractor shall be responsible for installing Erosion Control Blanket (Curlex I, or approved equal) at the back of curb (8' wide minimum). All costs for erosion mat installation shall be **SUBSIDIARY** to "Site Restoration".
- All areas disturbed by construction that are adjacent to non-developed properties shall be restored by seeding with a mixture of Ryegrass (applied at a rate of 200 lbs. per acre) and Buffalo grass, (applied per Standard Specifications). Pure Nitrogen fertilizer shall also be applied at a rate of 1.5 lbs. per thousand square feet. The seed shall be watered with deep soaking every two (2) weeks during dry periods until a mature stand of grass is obtained. The "Recapitulation of Quantities" will show the estimated Square Yards of seeding, with a bid item for the same. The permanent seeding may be omitted only if sodding is required in accordance with previous General Note. The Contractor shall be responsible for installing Erosion Control Blanket (Curlex 1, or approved equal), at the back of curb, to and including the limits of all seeded areas. All costs for this work shall be **SUBSIDIARY** to the seeding bid item.



Quantity	Common Name	Botanical Name	Size	Specification
TREES				
12	Keteleeri Juniper	<i>Juniperus chinensis 'Keteleeri'</i>	6'-7' height	B&B
2	Autumn Blaze Maple	<i>Acer x freemanii 'Autumn Blaze'</i>	2" - 2 1/2" Cal	B&B
8	Shantung Maple	<i>Acer truncatum 'Shantung'</i>	2" - 2 1/2" Cal	B&B
42	Amur Maple	<i>Acer ginnala</i>	1 3/4" - 2" Cal	B&B Single Stem
34	Oklahoma Redbud	<i>Cercis reniformis 'Oklahoma'</i>	2" - 2 1/2" Cal	B&B
14	Goldenrain Tree	<i>Koelreutaria paniculata</i>	2" - 2 1/2" Cal	B&B
4	Osage-orange 'White Shield'	<i>Maclura pomifera 'White Shield'</i>	2" - 2 1/2" Cal	B&B
5	Centurion Crabapple	<i>Malus sp. 'Centurion'</i>	1 3/4" - 2" Cal	B&B
32	Red Jewell Crabapple	<i>Malus sp. 'Red Jewell'</i>	1 3/4" - 2" Cal	B&B
19	Indian Magic Crabapple	<i>Malus sp. 'Indian Magic'</i>	1 3/4" - 2" Cal	B&B
25	Chinese Pistache	<i>Pistacia chinensis</i>	2" - 2 1/2" Cal	B&B
1	Londonplane Tree	<i>Platanus occidentalis 'Bloodgood'</i>	2" - 2 1/2" Cal	B&B
39	Chanticleer Pear	<i>Pyrus calleryana 'Chanticleer'</i>	1 3/4" - 2" Cal	B&B
5	Swamp White Oak	<i>Quercus bicolor</i>	2" - 2 1/2" Cal	B&B
3	Shingle Oak	<i>Quercus imbricaria</i>	2" - 2 1/2" Cal	B&B
3	Sawtooth Oak	<i>Quercus acutissima</i>	2" - 2 1/2" Cal	B&B
9	Chinkapin Oak	<i>Quercus muehlenbergii</i>	2" - 2 1/2" Cal	B&B
6	Shumard Oak	<i>Quercus shumardii</i>	2" - 2 1/2" Cal	B&B
7	Austrian Pine	<i>Pinus nigra var. nigra</i>	7'-8' height	B&B
17	Lacebark Elm	<i>Ulmus parvifolia</i>	2" - 2 1/2" Cal	B&B
267	Total Trees			

Note: In case of a discrepancy between the Plant Schedule and the Plans, the Plans shall govern.

Bid Items

Contractor shall provide pricing for the following bid items:

Item	Unit Measure
Deciduous Trees	
1-3/4" - 2" caliper (B&B)	each
2" - 2 1/2" caliper (B&B)	each
Evergreen Trees	
6' - 7' height (B&B)	each
7' - 8' height (B&B)	each
Sod w/ Bermuda	10,065 SY
Sod w/ Fescue	8,885 SY
Sod w/ Buffalo	2,020 SY

Note: Sod quantities do not include waste allowance.

Seed / Ryegrass/
Buffalo Mix 28,965 SY (5.98 Acres)

Irrigation repairs lump sum

All other specified materials and operations for tree and grass installation shall be subsidiary to the above unit price bid items.

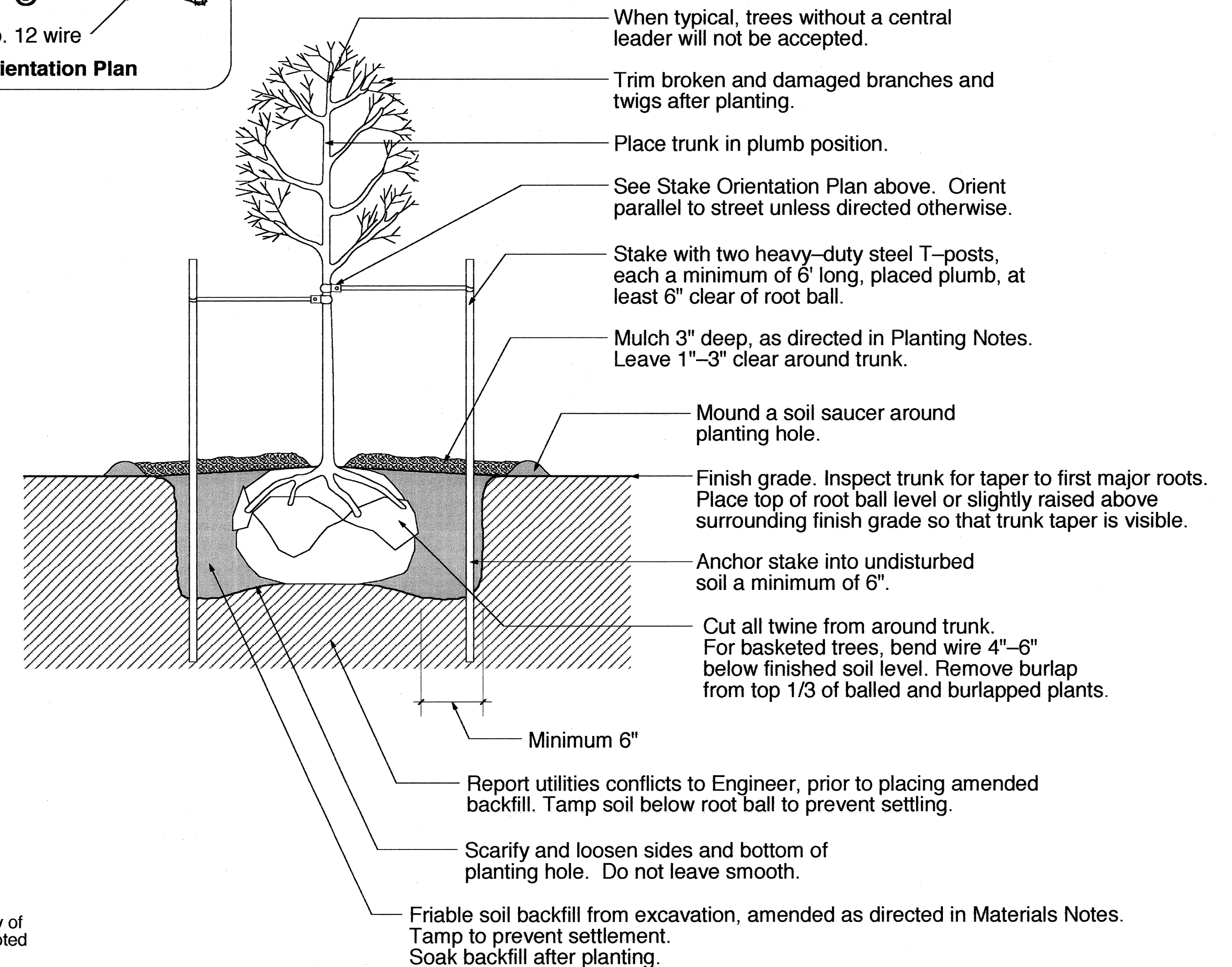
Landscape Policy Notes

The tree planting installation shall follow requirements of the City of Wichita Landscape Policy booklet. Selected requirements are noted as follow:

- Minimum planting distance in advance of traffic signs where tree branching may limit visibility of signs - 25 feet.
- Minimum distance from hydrants, water meters, and other utility appurtenances(including manholes)- 10 feet.
- Minimum distance from street curb - 6 feet from back of curb face.
- Minimum distance from street corner - 50 feet.
- Minimum distance from driveway- 10 feet.
- Minimum distance from sidewalk - 3 feet (small size tree), 4 feet (medium size tree), and 6 feet (large size tree).

Grass

Disturbed areas outside construction limits shall be sodded or seeded. Match grass type in adjacent area shown on plans.



Tree Planting Detail No Scale

Landscape Planting Plan - Specifications

Pawnee Ave.

Wichita, KS

LANDSCAPE ARCHITECTS PLANNERS			project #04063	north scale sheet LS-14 of 14	
			date 9/06		
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