

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, planting beds, and installation of 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 grass in planting bed and grass 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 or for planting beds and not the entire site.

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

Grass sod to be an approved fine-bladed fescue blend. Unless directed otherwise, grass areas to be sodded.

Mulch to be premium grade fine recycled hardwood mulch. Bed areas to be 2 1/2" - 3" deep. Prior to the mulch installation, rake smooth the ground surface.

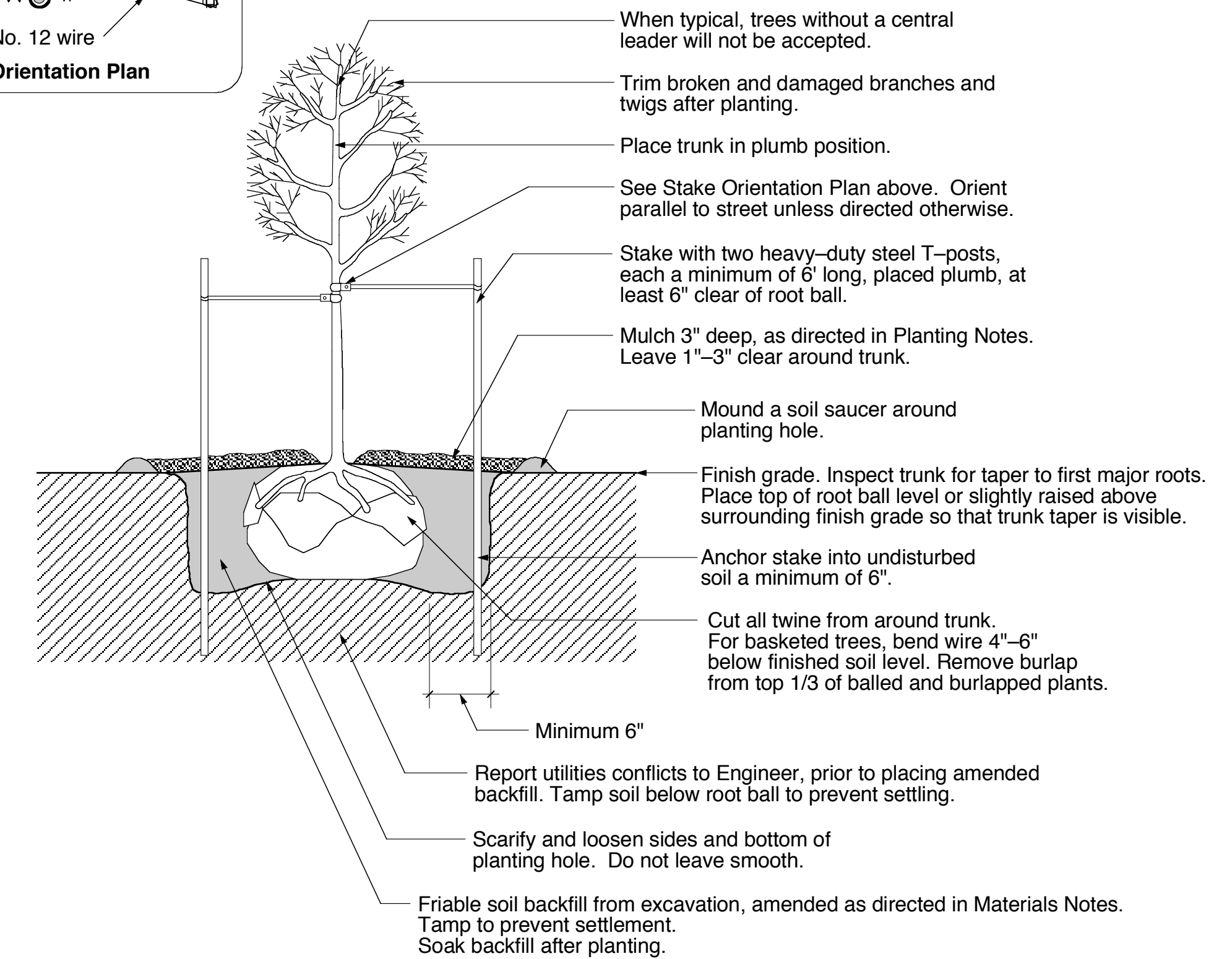
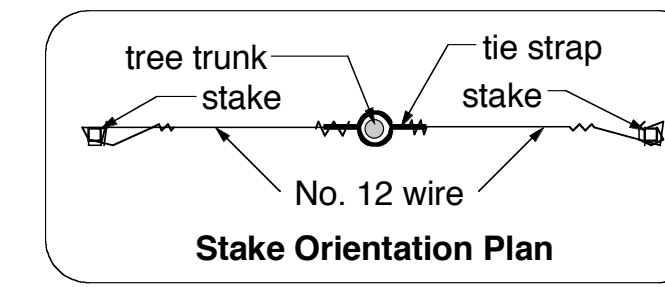
Landscape Edge to be Ryerson Steel Edge (1/8" x 4" x 16') or equal product to form a smooth curved or straight line as shown on the plan. Unless noted otherwise, all bed areas on the plan shall be outlined with landscape edge between the bed and grass areas. The installation of edging and planting work shall not block the natural drainage of water. Stake as recommended by Manufacturer.

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.

Pre-emergent weed control such as Dacthal, Treflan or approved similar product shall be installed per Manufacturer's instruction in all beds except tree wells. Do not apply in tree wells of individual trees in grass areas.

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.



Tree Planting Detail

No Scale

Plant Schedule				
Quantity	Common Name	Botanical Name	Size	Specification
TREES				
30	Amur Maple	<i>Acer ginnala</i>	2"-2 1/2" Cal	B&B Single Stem
5	Shantung Maple	<i>Acer truncatum 'Shantung'</i>	2"-2 1/2" Cal	B&B
19	Autumn Blaze Maple	<i>Acer x freemanii 'Autumn Blaze'</i>	2"-2 1/2" Cal	B&B
26	Oklahoma Redbud	<i>Cercis reniformis 'Oklahoma'</i>	2"-2 1/2" Cal	B&B
20	Keteleeri Juniper	<i>Juniperus chinensis 'Keteleeri'</i>	6'-7' height	B&B
25	Canaert Juniper	<i>Juniperus virginiana 'Canaerti'</i>	6'-7' height	B&B
7	Goldenrain Tree	<i>Koelreutania paniculata</i>	2"-2 1/2" Cal	B&B
16	Osage-orange 'White Shield'	<i>Maclura pomifera 'White Shield'</i>	2"-2 1/2" Cal	B&B
1	Donald Wyman Crabapple	<i>Malus sp. 'Donald Wyman'</i>	1 3/4" -2" Cal	B&B
23	Indian Magic Crabapple	<i>Malus sp. 'Indian Magic'</i>	1 3/4" -2" Cal	B&B
16	Red Jewel Crabapple	<i>Malus sp. 'Red Jewel'</i>	1 3/4"-2" Cal	B&B
5	Black Hills Spruce	<i>Picea glauca 'Densata'</i>	6'-7' height	B&B
12	Austrian Pine	<i>Pinus nigra var. nigra</i>	7'-8' height	B&B
23	Chinese Pistache	<i>Pistacia chinensis</i>	2"-2 1/2" Cal	B&B
26	Chanticleer Pear	<i>Pyrus calleryana 'Chanticleer'</i>	2"-2 1/2" Cal	B&B
4	Sawtooth Oak	<i>Quercus acutissima</i>	1 3/4"-2" Cal	B&B
7	Swamp White Oak	<i>Quercus bicolor</i>	2"-2 1/2" Cal	B&B
11	Chinkapin Oak	<i>Quercus muehlenbergii</i>	2"-2 1/2" Cal	B&B
3	Shumard Oak	<i>Quercus shumardii</i>	2"-2 1/2" Cal	B&B
4	Lacebark Elm	<i>Ulmus parvifolia</i>	2"-2 1/2" Cal	B&B
283	Total Trees			
SHRUBS				
60	Flowering Quince 'Texas Scarlet'	<i>Chaenomeles speciosa 'Texas Scarlet'</i>	2 gallon	Container
56	Kalloy Compact Pfitzer Juniper	<i>Juniperus chinensis 'Kalloy'</i>	2 gallon	Container
38	Blue Tam Juniper	<i>Juniperus sabina 'Tamariscifolia New Blue'</i>	5 gallon	Container
20	Gro-low Sumac	<i>Rhus aromatica 'Gro-low'</i>	2 gallon	Container
32	Magic Carpet Spirea	<i>Spiraea japonica 'Walburna'</i>	2 gallon	Container
48	Anthony Waterer Spirea	<i>Spiraea x bumalda 'Anthony Waterer'</i>	2 gallon	Container
254	Total Shrubs			

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

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

Total disturbed area inside construction limits to receive permanent sodding, is about 4.15 acres (20,065 sq.yds). In addition, disturbed areas outside construction limits shall be sodded.

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
Fescue Sod	SY
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.



Cook, Flatt & Strobel
ENGINEERS, P.A.

Landscape Planting Plan - Specifications & Details

29th Street North-Ridge Rd. to Tyler

City of Wichita

LANDSCAPE ARCHITECTS PLANNERS rice-foster associates 1 Michael Rice, AIA David W. Foster, ASLA Debra J. Foster 1415 E. Second St. Wichita, KS 67214 Tel: 316.262.4525 Fax: 316.262.7316	project #05011 date 3/29/05 drawn by DWF PIV revisions 8/24/05 10/11/05	 north scale 70 of 111	This document is an instrument of service produced solely for the client and project listed. Its use, in whole or in part, for any other purpose is prohibited without the express written consent of rice foster associates, p.a. All Rights Reserved.
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