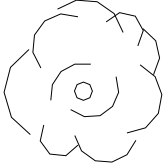
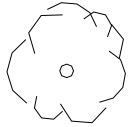





Landscape & Streetscape Standards

Submittal Requirement

All landscape and streetscape submittals shall provide a legend including information such as species, size, quantity, point value of plantings, and over all point totals.

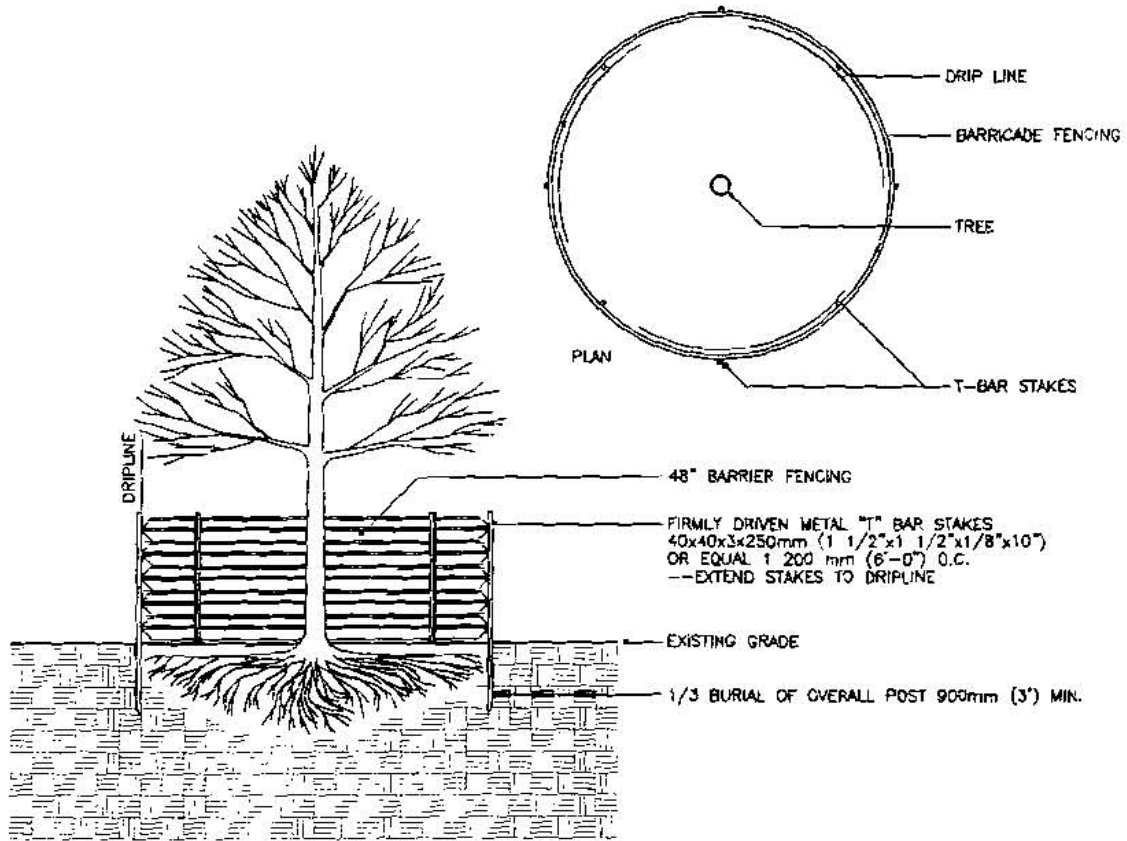
City of College Station SAMPLE LEGEND LANDSCAPING POINT CALCULATIONS					
SYMBOL	SIZE	NAME & TYPE	QUANTITY	POINT VALUE	POINT
	8" AND LARGER EXISTING W/BARRICADE	LIVE OAK TREE (Quercus Virginiana) Canopy tree	2	300	600
	4" TO 8" EXISTING W/BARRICADE	LIVE OAK TREE (Quercus Virginiana) Canopy tree	13	200	2600
	2" TO 14.5" CALIPER EXISTING W/O BARRICADE	LIVE OAK TREE (Quercus Virginiana) Canopy tree	8	35	280
	1.25" CALIPER AND LARGER	TREE CREPE MYRTLE (Lagerstroemia indica) Non-canopy tree	6 (NEW)	40	240
	5 GAL	WAX LEAF LIGUSTRUM (Ligustrum texanum) Shrub	46 (NEW)	10	460
NOTE: Symbols are for reference, Any symbols used must be distinguishable at any scale					
BARRICADE FOR INDICATED TREES TO BE CONSTRUCTED WITH 48" HIGH ORANGE PLASTIC CONSTRUCTION NETTING AND SECURED TO STEEL T-POSTS. BARRICADE TO BE PLACED IN A CIRCLE AROUND INDICATED TREES A RADIAL DISTANCE OF 1' FOR EVERY 1" CALIPER OF TREE. BARRICADE MUST BE IN PLACE PRIOR TO ANY DEVELOPMENT ACTIVITY AS WELL AS THROUGHOUT THE CONSTRUCTION PROCESS.					
STREETSCAPE: (136.57' / 50) x 300 PTS = 820 PTS (136.57' / 25) = 6 CANOPY TREES POINTS PER PROJECT AREA: 26,416.3 SQUARE FEET OF SITE AREA 26,416.3 / 1,000 = 26.42 26.42 x 30 = 792.6 = 793 POINTS TOTAL POINTS REQUIRED: 1,613 TOTAL POINTS PROPOSED: 4,180					

Tree Preservation

To receive barricaded points for existing trees, they must be barricaded one foot per caliper inch. A barricade detail must be provided on the landscape plan. Barricades must be in place prior to any activity on the property including, but not limited to, grading. If in any event the required barricades are not in place prior to any activity and maintained during construction, barricaded points will be forfeited.

Landscape & Streetscape Standards

Barricade Detail shown below.



Landscape & Streetscape Standards

Planting List

This list recommends several species that do well in the College Station area. Not every species will perform well in all locations, and some species have detriments that need to be considered. Careful evaluation of the site, soils, available growing area, and climate needs to be exercised when selecting species. The legend below indicates how certain plantings may be utilized within a landscape plan according to Section 7.5 of the Unified Development Ordinance. In addition, this legend also shares information regarding other specific attributes.

Qualifications Legend

***Recommended by Texas Forest Service for Brazos County**

1=streetscape planting

2=screening

3=salt tolerant

4=evergreen

5=low water usage/drought tolerant

6=high water usage

7=native to Texas

Canopy Trees (40'+ canopy)

Common Name	Scientific Name	Qualifications
*American Elm	(Ulmus Americana)	1, 3, 5, 7
*Bald Cypress	(Taxodium distichum)	1, 3, 5, 7
*Bur Oak	(Quercus macrocarpa)	1, 3, 5, 7
*Cedar Elm	(Ulmus crassifolia)	1, 3, 5, 7
*Live Oak	(Quercus virginia)	1, 3, 4, 5, 7
*Pecan	(Carya illinoensis)	1, 3, 5, 7
*River Birch	(Betula Niagra)	1, 3, 7
*Shumard Red Oak	(Quercus shumardii) or (Q. texana)	1, 3, 5, 7
*Water Oak	(Quercus nigra)	1, 3, 7
*Western Soapberry	(Sapindus drummondii)	1, 5, 7
*Willow Oak	(Quercus phellow)	1, 3, 5, 7
American Sycamore	(Platanus occidentalis)	3, 5, 7
Chinese Pistache	(Pistacia chinensis)	1, 5
Chinkapin Oak 7	(Quercus muehlenbergii)	1, 5, 7
Drake Elm	(Ulmus parvifolia 'Drake')	1, 4
Lacey Oak 7	(Quercus glaucoides)	5, 7
Leyland Cypress	(Cupressocyparis leylandii)	3, 4(semi)

Landscape & Streetscape Standards

Canopy Trees continued...

Post Oak- existing only	(<i>Quercus stellata</i>)	7, 8
Texas Ash	(<i>Frazinus texensis</i>)	1, 3, 5, 7
Texas Pistache 8	(<i>Pistachia texana</i>)	1, 4, 5, 7
Winged Elm 6	(<i>Ulmus alata</i>)	1

Non-Canopy Trees

Common Name	Scientific Name	Qualifications
*American Holly	(<i>Ilex opaca</i>) partial to shade	1, 3, 4, 5, 7
*Carolina Cherry Laurel	(<i>Prunus caroliniana</i>)	1, 3, 4, 5, 7
*Chaste Tree	(<i>Vitex Negundo</i>)	1, 3, 5
*Crepe Myrtle	(<i>Lagerstroemia indica</i>)	1, 3, 5
*Eastern Red Cedar	(<i>Juniperus virginiana</i>)	1, 3, 4, 5, 7
*Eve's Necklace tree	(<i>Sophora affinis</i>)	1, 5, 7
*Goldenrain Tree	(<i>Koelreuteria paniculata</i>)	1, 3, 5
*Japenese Black Pine	(<i>Pinus thunbergiana</i>)	1, 3, 4, 5
*Lacebark Elm	(<i>Ulmus parvifolia</i>) (similar to Siberian Elm)	1, 3, 5
*Mexican White Oak	(<i>Quercus polymorpha</i>)	1, 4(semi), 5, 7
*Mexican Plum	(<i>Prunus mexicana</i>)	1, 4(semi), 5, 7
*Possumhaw Holly	(<i>Ilex decidua</i>)	1, 5, 7
*Prairie Flameleaf Sumac	(<i>Rhus lanceolata</i>)	1, 5, 7
*Texas Red Bud	(<i>Cercis canadensis</i>)	1, 5, 7
*Tree Yaupon	(<i>Ilex vomitoria</i>)	1, 3, 4, 5, 7
Bradford Pear	(<i>Pyrus species</i>)	1, 5
Chinese Fringe tree	(<i>Chionanthus retusus</i>)	5
Coppertone Loquat	(<i>Eriobotrya japonica</i>)*	4
Italian Cypress	(<i>Cupressus sempervirens</i>) *	3, 5
Rusty Blackhaw Viburnum	(<i>Viburnum rufidulum</i>)	1
Shining Sumac	(<i>Rhus copalina</i>)	1, 5, 7
Texas Kidneywood	(<i>Eysenhardtia texana</i>)	5, 7
Texas Mountain Laurel	(<i>Sophora secundiflora</i>)	1, 3, 4, 5
Texas Persimmon	(<i>Diospyros texana</i>)	1, 5, 7
Wax Myrtle Tree	(<i>Myrica cerifera</i>)	1, 4, 5, 7

Landscape & Streetscape Standards

Shrubs (Please be aware that dwarf species are not permitted in required screening areas or in required buffer areas.) **(grasses must be a perennial)**

Common Name	Scientific Name	Qualifications
Adam's Needle Yucca	(Yucca filamentosa)	3, 4, 5
Abelia	(Abelia grandiflora)	2, 5
Althea	(Hibiscus syriacus)	2,3, 5
Agrito	(Berberis trifoliolata)	2, 4
American Beautyberry	(Callicarpa americana)	3, 5
Aromatic Sumac	(Rhus aromatic)	3, 5
Belinda's Dream Rose	(Rose 'Belinda's Dream')	2, 5, 7
Boxwood	(buxus) multiple varieties	2, 4, 5
Carolina Buckthorn	(Rhamnus caroliniana)	5
Carolina Laurel Cherry	(Prunus caroliniana 'Bright 'n Tight, (pruned properly for screening not height)	2, 3, 4, 5, 7
Cast Iron plant	(Aspidistra elatior) – needs shade	5
Clyera	(Ternstroemia gymnanthera)	2, 4, 5
Elaeagnus	(Elaeagnus macrophylla)	2, 3, 5
Acanthus	(Anisacanthus quadrifidus var 'wrightii')	5
Fountain grass	(Pennisetum setaceum)	5
Gold Dust Aucuba	(Aucuba japonica)*	2, 4, 6
Golden Euonymus	(Euonymus japonica 'Aureo-marginata')	2, 3, 4, 5
Gold Star Esperanza	(Tecoma stans 'Gold Star')	3, 5, 7
Grandma's Yellow Rose	(Rose 'Nacogdoches')	5, 7
Gulf Muhly grass	(Muhlenbergia capillaries)	5
Hicks Yew	(Taxus x medua 'Hicksii')	2, 4, 5(semi)
Holly, upright	zone appropriate species	2, 3, 4, 5
Indian Hawthorn	(Raphiolepis indica)	2, 3, 4, 5
Juniper species, upright	(Juniperus species)	2, 3, 4, 5
(there are many more varieties of Junipers but be careful to avoid the ones with bagworm susceptibility)		
Knock-Out Rose	(Rose 'Radrazz')*	5
Maiden grass	(Miscanthus sinensis)	2, 3, 5
Mexican Bush Sage	Salvia leucantha)	2, 5
Nandina	(Nandina domestica 'compacta' or others if zone appropriate)	2, 3, 4, 5

Landscape & Streetscape Standards

Shrubs continued...

Oleander	(Nerium oleander sp. (red or white are the hardiest)	2, 3, 4, 5
Pampas Grass	(Cortaderia selloana sp.)	3, 4(semi)
Photinia Species	(Photinia x fraseri)	2, 4
Pineapple Guava	(Feijoa sellowiana)	2, 3, 4, 6
Pittosporum Species	(Pittosporum tovira)	2, 3
Primrose Jasmine	(Jasminum mesnyi (J. primulinum)	2, 4, 6
Pyracantha	(Pyracantha species)	2, 4
Rosemary, upright	(Rosmarinus officinalis)	2, 4, 5
Russian Sage	(Perovskia longifolia)	3, 5
Sago Palm	(Cycas revolute)	3, 4
Soft Leaf Yucca	(Yucca recurvifolia)*	3, 5
Spirea	(Spirea species)	2, 5
Texas Firecracker Bush	(Hamelia patens)	3, 5
Texas sage	(Leucophyllum frutescens) (‘Greencloud’ or sp.)	2, 3, 4, 7
Viburnum species	(Leatherleaf, Walter’s(3) Viburnum macrophyllum or sp.)	2, 3, 4
Waxleaf Ligustrum	(ligustrum japonicum)	2, 3, 5
Wax Myrtle	(Myrica pusilla)	2, 3, 4, 5
Whitebrush	(Aloysia gratissima)	2, 5, 7
Yaupon	(Ilex vomitoria 'nana')	2, 3, 5

Groundcovers and Vines (grasses must be a perennial)

Common Name	Scientific Name	Qualifications
Asparagus Fern	(Asparagus densiflorus)	3
Algerian Ivy	(Hedera canariensis)	4, 6
Asian Jasmine	(Trachelospermum asiaticum)	4(semi),5(semi)
Baby Sun Coreopsis	(Coreopsis g. 'baby sun')	5
Big Blue Lily Turf	(Liriope Muscari)	4, 5
Carolina Jessamine	(Gelsemium sempervirens)	4, 6
Creeping Juniper	(Juniperus horizontalis)	4, 5
Daylilly	(Hemerocallis)	3
Dwarf Pampas Grass	(Cortaderia selloana 'Pumila')	3, 4(semi)
English Ivy	(Hedera helix)	3

Landscape & Streetscape Standards

Groundcover and Vines continued...

Star Jasmine	(Trachelospermum jasminoides)	4
Gregg Salvia	(Salvia Greggii)	4, 5
Henry Duelberg Salvia	(Salvia farinácea 'Henry Duelberg')	5, 7
Monkey Grass	(Ophiopogon japonicum)	4, 6
Mexican Feather Grass	(Nassella tenuissima)	5
Ribbon Grass	(Phalaris arundinacea)	5
Sage	(Salvia Farinacea)	2, 3, 4
Small-leaf Spiderwort	Tradescantia fluminensis)	4, 5
Texas Lantana	(Lantana horrida)	3, 7
Turk's Cap	(Malvaviscus arboreus 'drummondii')	4(semi), 7
Vinca	(Vinca major and V. minor)	4, 6

Turfgrasses

Common Name	Scientific Name	Qualifications
Buffalo grass	(Anthoxanthum odoratum)	5, 7
Common Bermuda	(Cynodon dactylon)	3, 5 (semi)
Tifway 419 Bermuda	(Cynodon 'TIFF 419')	5 (semi)
St. Augustine	(<i>Stenotaphrum secundatum</i>)	3, 6
Zoysia	(Zoysia species)	3, 5