LANDSCAPING

SHEET 1 OF 1

L-1 (Sheet 1 Of 6)	APPROVED TREE PLANTING LIST
L-1a (Sheet 2 Of 6)	APPROVED TREE PLANTING LIST
L-1b (Sheet 3 Of 6)	APPROVED TREE PLANTING LIST
L-1c (Sheet 4 Of 6)	APPROVED TREE PLANTING LIST
L-1d (Sheet 5 Of 6)	APPROVED TREE PLANTING LIST
L-1e (Sheet 6 Of 6)	APPROVED TREE PLANTING LIST-GENERAL NOTES
L-2	STREET TREE PLANTING DETAIL

BOTANICAL NAME	COMMON NAME	NOTES*	SIZE**	DESCRIPTION NOTES	FLOWERS	FRUIT	Planting Space
Acer 'buereranum'	Trident Maple	U	S	Slow Growing Small Tree	Greenish–Yellow	Samaras 3/4" To 1"	Requires 20 Sq. Ft. Spacing
Acer 'campestre'	Hedge Maple		M	Growth Rate Slow To Medium	Small Yellow Green	Double Samaras	Requires 30 Sq. Ft. Spacing
Acer 'ginnala'	Amur Maple	U	S	Slow Growing Small Tree	Fragrant Yellowish–White	Samaras 3/4" To 1"	Requires 20 Sq. Ft. Spacing
Acer 'griseum'	Paperbark Maple	U	S	Slow Growing Small Tree	Few–Greenish	Samaras 1" To 1–1/2"	Requires 20 Sq. Ft. Spacing
Acer 'platanoides'	Columnar Norway Maple	*** On Hold	T	For Limited Space	Greenish–Yellow	Samaras 2"	Requires 30 Sq. Ft. Spacing
Acer 'platanoides'	Crimson King Norway Maple	*** On Hold	M	Purple Leaf Color Retained In Summer	Maroon–Yellow	Samaras 2"	Requires 30 Sq. Ft. Spacing
Acer 'rubrum'	Autumn Flame Red Maple	*** On Hold	T	Yellow To Scarlet Early Fall	Pale Red	Fruitless	Requires 40 Sq. Ft. Spacing
Acer 'rubrum'	Bowhall Red Maple	*** On Hold	T	Upright Growth Habit	Pale Orange	Samaras	Requires 40 Sq. Ft. Spacing
Acer 'rubrum'	Karpick Red Maple	*** On Hold	T	Uniform Rapid Growth	Male	Fruitless	Requires 40 Sq. Ft. Spacing
Acer 'rubrum'	October Glory Red Maple	*** On Hold	T	Red Fall Color	Bright Red	Samaras	Requires 40 Sq. Ft. Spacing
Acer 'saccharum'	Green Mountain Sugar Maple	*** On Hold	T	Good Foliage Color In Summer And Fall	Yellow–Green	Samaras 1"	Requires 40 Sq. Ft. Spacing
Acer 'x freedmani'	Armstrong Freedman Maple	*** On Hold	T	Yellow Fall Color	Yellowish–Green	Samaras	Requires 40 Sq. Ft. Spacing
Aesculus 'carnea'	Ruby Red Horsechestnut		M	Requires Little Pruning	Bright Red	Nearly Fruitless	Requires 30 Sq. Ft. Spacing
Aesculus 'hippicastanum'	Baumann Horsechestnut		T	Long Lasting Showy Flowers	White	Fruitless	Requires 40 Sq. Ft. Spacing

L–1
Sheet 1 Of 6

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TREE PLANTING LIST

CITY OF FREDERICK

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BOTANICAL NAME	COMMON NAME	NOTES*	SIZE**	DESCRIPTION NOTES	FLOWERS	FRUIT	Planting Space
Amelanchier 'laevis'	Cumulus Serviceberry	U	S	Suitable For Sites With Limited Space	White Blossoms In Spring	Berry–Like Pome	Requires 20 Sq. Ft. Spacing
Amelanchier 'laevis'	Majestic Serviceberry	U	S	Clean And Disease Resistant Foliage	White	Berry–Like Pome	Requires 20 Sq. Ft. Spacing
Amelanchier 'laevis'	Autumn Brilliance Serviceberry	U	S	Suitable For Sites With Limited Space	White	Berryless	Requires 20 Sq. Ft. Spacing
Amelanchier 'laevis'	Princess Diana Serviceberry	U	S	Clean And Disease Resistant Foliage	White	Berries	Requires 20 Sq. Ft. Spacing
Amelanchier 'x grandiflora'	Robin Hill Serviceberry	U	S	Suitable For Narrow Sites	Faintly Pink	Small Red To Purple Fruits	Requires 20 Sq. Ft. Spacing
Betula 'nigra'	Heritage River Birch		M	Papery Scales Bark	Catkins	Small Nutlet	Requires 30 Sq. Ft. Spacing
Betula 'platyphylla'	Japanese White Birch	C	M	Papery Scales Bark	Catkins	Small Nutlet	Requires 30 Sq. Ft. Spacing
Carpinus 'caroliniana'	American Hornbeam	U/C	S	Relatively Disease Free	Yellow–Green	Nutlets	Requires 20 Sq. Ft. Spacing
Carpinus 'betulus'	European Hornbeam	U/C	S	Relatively Disease Free	Catkins With Bracts	Nutlets	Requires 20 Sq. Ft. Spacing
Celtis 'occidentalis'	Prairie Pride Common Hackberry		T	Tolerates Urban Conditions	Inconspicuous	Orange–Red To Dark Purple	Requires 40 Sq. Ft. Spacing
Cercidiphyllum 'japonicum'	Katsura Tree		T	Apricot–Orange Fall Color	Dioecious	Small Pods	Requires 40 Sq. Ft. Spacing
Cercis 'canadensis'	Forest Pansy Eastern Redbud	U	S	A Native Tree	Reddish–Purple	Seed Pods	Requires 20 Sq. Ft. Spacing
Cladrastis 'kentukea'	Yellowwood		M	Excellent Tree For Flowers And Foliage	White	Pods	Requires 30 Sq. Ft. Spacing
Cornus 'kousa'	Kousa Dogwood	U	S	Relatively Disease Free	White	Pinkish–Red Berry	Requires 20 Sq. Ft. Spacing

L – 1a
Sheet 2 Of 6

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BOTANICAL NAME	COMMON NAME	NOTES*	SIZE**	DESCRIPTION NOTES	FLOWERS	FRUIT	Planting Space
Corylus 'colurna'	Turkish Filbert Or Hazel		M/T	Tolerant Of Adverse Conditions	Male Catkins	1/2" Nut	Requires 40 Sq. Ft. Spacing
Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn	U	S	Attractive Flowers, Fruit And Foliage	White	Red	Requires 20 Sq. Ft. Spacing
Franxinus 'americana'	Autumn Purple White Ash		T	Reddish Purple Fall Color	Male	Seedless	Requires 40 Sq. Ft. Spacing
Franxinus 'pennsylvanica'	Marshall Seedless Green Ash		T	Yellow Fall Color	Male	Seedless	Requires 40 Sq. Ft. Spacing
Franxinus 'pennsylvanica'	Summit Green Ash		T	Good Growth Habit	Male	Seedless	Requires 40 Sq. Ft. Spacing
Ginko 'biloba'	Maidenhair Tree		T	Plant Males Only Yellow Fall Color	Male	Seedless	Requires 40 Sq. Ft. Spacing
Gleditsia 'triacanthos'	Imperial Honeylocust		M	Free Of Thorns And Usually Fruitless	Inconspicuous	Fruitless	Requires 30 Sq. Ft. Spacing
Gleditsia 'triacanthos'	Shademaster Honeylocust		T	Free Of Thorns And Usually Fruitless	Inconspicuous	A Few Pods	Requires 40 Sq. Ft. Spacing
Koelreuteria 'paniculata'	Goldenrain		M	Tolerates Urban Conditions	Yellow	Pods	Requires 30 Sq. Ft. Spacing
Liquidambar 'styraciflua'	Rotundiloba Sweetgum		T	Deep Reddish Purple Fall Color	Inconspicuous	Seedless	Requires 40 Sq. Ft. Spacing
Liriodendron 'tulipifera'	Tulip Tree		T	Restrict To Large Area	Greenish–Yellow With Orange	Samaras	Requires 40 Sq. Ft. Spacing
Magnolia x 'Galaxy'	Galaxy Magnolia	U	S	Single Stem Only Should Be Planted	White	2" Aggregate Of Follicles	Requires 30 Sq. Ft. Spacing
Malus 'Snowdrift'	Snowdrift Crabapple	U	S	Fruitless Only	White	Fruitless	Requires 20 Sq. Ft. Spacing
Malus 'Spring Snow'	Spring Snow Crabapple	U	S	Fruitless And Requires Little Pruning	White	Fruitless	Requires 20 Sq. Ft. Spacing

L – 1b
Sheet 3 Of 6

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TREE PLANTING LIST

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BOTANICAL NAME	COMMON NAME	NOTES*	SIZE**	DESCRIPTION NOTES	FLOWERS	FRUIT	Planting Space
Nyssa 'sylvatica'	Black Gum		M	Spring Planting Only Red Fall Colors	Greenish–Yellow	Purple Drupe	Requires 30 Sq. Ft. Spacing
Ostrya 'virginiana'	American Hophornbeam		S/M	Seldom Has Pest Problems	Light Green Catkins	Small Nutlet	Requires 30 Sq. Ft. Spacing
Platanus 'x acerifolia'	Bloodgood London Plane		T	Tolerates Urban Conditions	Male	1" Balls	Requires 40 Sq. Ft. Spacing
Prunus 'sargentii'	Columnar Sargent Cherry	U	M	Attractive, Requires Little Maintenance	Deep Rose	Small Black Cherries	Requires 20 Sq. Ft. Spacing
Prunus 'virginiana'	Choke Cherry	U	S	Colorful Foliage	White 3" To 6" Clusters	Small Black Cherries	Requires 20 Sq. Ft. Spacing
Prunus 'serrulata'	Flowering Cherry	U	S		White To Pink	Fruitless	Requires 20 Sq. Ft. Spacing
Quercus 'robur'	English Oak		T	Tolerates Drought Pollution	Catkins	Acorns	Requires 40 Sq. Ft. Spacing
Quercus 'bicolor'	White Oak		T	Tolerates Drought, Salt And Soil Compaction	Inconspicuous	Acorns	Requires 40 Sq. Ft. Spacing
Quercus 'palustris'	Pin Oak		T	Chlorosis Problems	Inconspicuous	Acorns	Requires 40 Sq. Ft. Spacing
Quercus 'phellos'	Willow Oak		T	Becomes Established Quickly	Inconspicuous	Acorns	Requires 40 Sq. Ft. Spacing
Quercus 'rubra'	Red Oak		T	Consider Lawn Or Grass Strips With Adequate Space	Inconspicuous	Acorns	Requires 40 Sq. Ft. Spacing
Quercus 'shumardii'	Shumard Oak		T	Tolerates Urban Conditions	Inconspicuous	Acorns	Requires 40 Sq. Ft. Spacing
Sophora 'japonica'	Pogodatree		T	Flowers In Late Summer	Creamy White	Pods	Requires 40 Sq. Ft. Spacing

L – 1 C
Sheet 4 Of 6

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TREE PLANTING LIST

CITY OF FREDERICK

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BOTANICAL NAME	COMMON NAME	NOTES*	SIZE**	DESCRIPTION NOTES	FLOWERS	FRUIT	Planting Space
Syringa 'reticulata'	Ivory Silk Japanese Lilac Tree	U	S	Relatively Pest–Free	Late Spring Creamy–White	Capsules	Requires 20 Sq. Ft. Spacing
Syringa 'reticulata'	Regent Japanese Lilac Tree	U	S	Attractive Flowers, Good Under Utility Lines	Pure White	Capsules	Requires 20 Sq. Ft. Spacing
Syringa 'reticulata'	Summer Snow Japanese Lilac Tree	U	S	Relatively Pest–Free	Late Spring Creamy–White	Capsules	Requires 20 Sq. Ft. Spacing
Taxodium 'distichum'	Baldcypress	C	T	Relatively Pest–Free	Inconspicuous	Cones	Requires 40 Sq. Ft. Spacing
Tilia 'cordata'	Greenspire Littleleaf Linden		T	Yellow Fall Color	Yellowish	Globose Nutlets	Requires 40 Sq. Ft. Spacing
Tilia 'cordata'	Chancellor Littleleaf Linden		T	Narrow Crown	Yellowish	Globose Nutlets	Requires 40 Sq. Ft. Spacing
Ulmus 'wilsoniana	Wilson's Elm		T	Yellow Fall Color	Inconspicuous	Disc–Shaped	Requires 40 Sq. Ft. Spacing
Ulmus 'Hybrids'	Hybrid Elm		T	Resistance To Dutch Elm Desease	Inconspicuous	Disc–Shaped	Requires 40 Sq. Ft. Spacing
Zelkova 'serrata'	Green Vase Zelkova		T	A Substitute For American Elm	Inconspicuous	Inconspicuous	Requires 40 Sq. Ft. Spacing
Zelkova 'serrata'	Halka Zelkova		T	A Substitute For American Elm	Inconspicuous	Inconspicuous	Requires 40 Sq. Ft. Spacing
Zelkova 'serrata'	Village Green Zelkova		T	A Substitute For American Elm	Inconspicuous	Inconspicuous	Requires 40 Sq. Ft. Spacing

LEGEND:

* U – Only Trees Used For Under Utilities

* C – Columnar For Limited Space

** S – Under 30'

** M – 30' To 45'

** T – Over 45'

*** On Hold–Do Not Use Until Further Notice

NOTES:

1. All Street Tree Plantings Shall Be A Minimum Of 2" Caliper And Display A Single Straight Trunk To 7' Of Which 5' Shall Be Free Of Branching (ANZI Z60.1)
2. There Shall Be No Excess Soil Or Mulch On Top Of Root Ball So As To Expose Basal Root Flare.
3. All Street Tree Plantings Shall Be Free Of Damage And Defects.

L – 1 d

Sheet 5 Of 6

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REVISIONS:

APPROVED TREE PLANTING LIST

CITY OF FREDERICK

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8/17/04

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NOTES:

1. The Trees On The Approved Tree Planting List Are The ONLY Trees Permitted To Be Planted In The City Of Frederick's Right-Of-Way.

2. All Persons That Plan To Plant Trees In The City Of Frederick's Right-Of-Way Must Have A Permit Before Planting Begins.

⚠1 3. A Planting Permit Can Be Obtained From Building Division Of The Department Of Engineering.

⚠1 4. Any Questions Regarding Tree Plantings In City Rights-Of-Way Should Be Directed To The Director Of Public Works Or His Designee.

CITY OF FREDERICK
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8-17-04
DATE

APPROVED
TREE PLANTING LIST
GENERAL NOTES

REVISIONS:
⚠1 5/31/06

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L-1e
Sheet 6 Of 6

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RECOMMENDED TECHNIQUES & PROCEDURES

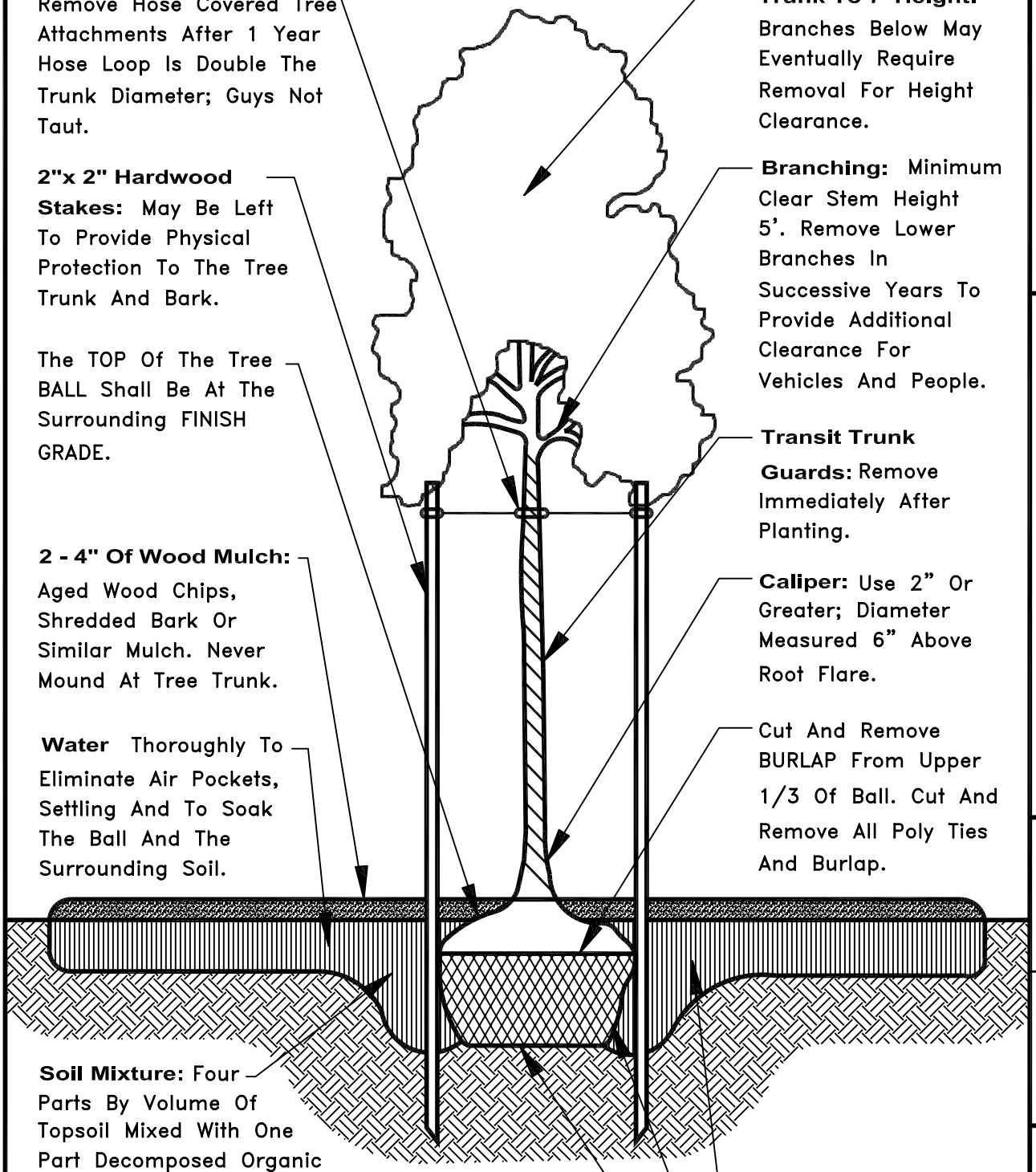
Guy Attachments: Remove Hose Covered Tree Attachments After 1 Year Hose Loop Is Double The Trunk Diameter; Guys Not Taut.

2"x 2" Hardwood Stakes: May Be Left To Provide Physical Protection To The Tree Trunk And Bark.

The TOP Of The Tree BALL Shall Be At The Surrounding FINISH GRADE.

2 - 4" Of Wood Mulch: Aged Wood Chips, Shredded Bark Or Similar Mulch. Never Mound At Tree Trunk.

Water Thoroughly To Eliminate Air Pockets, Settling And To Soak The Ball And The Surrounding Soil.



Soil Mixture: Four Parts By Volume Of Topsoil Mixed With One Part Decomposed Organic Materials, Firm Soil Around Ball; DO NOT TAMP. Expand Beyond Planting Pit As Shown When No Topsoil Is Present.

Planting Base Of Undisturbed Soil To Support Root Ball And Reduce Settling.

Single Straight Main Trunk To 7' Height: Branches Below May Eventually Require Removal For Height Clearance.

Branching: Minimum Clear Stem Height 5'. Remove Lower Branches In Successive Years To Provide Additional Clearance For Vehicles And People.

Transit Trunk Guards: Remove Immediately After Planting.

Caliper: Use 2" Or Greater; Diameter Measured 6" Above Root Flare.

Cut And Remove BURLAP From Upper 1/3 Of Ball. Cut And Remove All Poly Ties And Burlap.

Do Not Fertilize Until Late Spring Of The Second Year Following Planting.

Fold Wire Baskets: Cut Top And Fold Down In The Pit After Positioned For Back-Fill Planting.

NOTE: This Detail DOES NOT Replace The State Landscaping Details Referenced In The City Specifications. It Is Additional Information To Be Used In Conjunction With The State Landscaping Requirements.

CITY OF FREDERICK

05-31-06 DATE

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STREET TREE PLANTING DETAIL

REVISIONS:

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SCALE: NONE

L-2

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