

Common Name	Latin Name	Qty	Size	Spacing	Plant	Mature ht	Mature spr	Features	
Autumn Blaze Maple	<i>Acer x freemanii 'Jeffersred'</i>	31	2"	varies	B & B	50 ft.	50 ft.	fiery red fall color	tolerates most soils
Red Maple	<i>Acer rubrum 'Frankred'</i>	24	2"	varies	B & B	50 ft.	50 ft.	red fall color	tolerates most soils
State Street Maple	<i>Acer miyabe 'Morton'</i>	10	2"	varies	B & B	30-40 ft.	70 ft.	red fall color	
Hackberry	<i>Celtis Occidentalis</i>	30	2"	varies	B & B	50-75 ft.	50 ft.	soft yellow fall color	tolerates dry soils
Skyline Honeylocust	<i>Gleditsia Triacanthos 'Skyline'</i>	28	2"	varies	B & B	50 ft.	30-35 ft.	golden yellow fall color	
Kentucky Coffeetree	<i>Gymnocladis dioicus</i>	35	2"	varies	B & B	50 ft.	30 ft.	yellow fall color,	
Swamp White Oak	<i>Quercus bicolor</i>	48	2"	varies	B & B	50-60 ft.	40-50 ft.	yellow-brown to red fall	tolerates moist soils
White Oak	<i>Quercus alba</i>	19	2"	varies	B & B	50-60 ft.	40-50 ft.	yellow-brown to red fall	drought/moisture tolerant
Red Oak	<i>Quercus rubrus</i>	25	2"	varies	B & B	50-60 ft.	40-50 ft.	yellow-brown to red fall	tolerates moist soils
Northern Pin Oak	<i>Quercus ellipsoidalis</i>	10	2"	varies	B & B	50-60 ft.	40-50 ft.	burgundy fall color	
Boulevard Linden	<i>Tilia americana 'Boulevard'</i>	46	2"	varies	B & B	60 ft.	30' ft.	yellow fall color	good street tree
Accolade American Elm	<i>Ulmus americana 'Accolade'</i>	23	2"	varies	B & B	70 ft.	40' ft.	golden yellow fall color	
Dura Heat River Birch	<i>Betula nigra</i>	11	2"	varies	B & B	20-25 ft.	15-20 ft.	yellow fall color	tolerates moist soils
Total Deciduous trees		340							
White Spruce	<i>Picea glauca</i>	17	6'	varies	B & B	40-50 ft.	15-20 ft.		tolerates moist soils
Black Hills Spruce	<i>Picea glauca densata</i>	37	6'	varies	B & B	60 ft.	25-30 ft.	native	
Colorado Green Spruce	<i>Picea pungens</i>	25	6'	varies	B & B	50-80 ft.	20 ft.		
White Pine	<i>Pinus strobus 'Patton's SS'</i>	57	6'	varies	B & B	50-80 ft.	20-40 ft.	native	tolerates moist soils
Red Pine	<i>Pinus resinosa</i>	33	6'	varies	B & B	50 ft.	20 ft.	shiny needles	tolerates harsh sites/moist soils
White Fir	<i>Abies concolor</i>	42	6'	varies	B & B	60 ft.	20-30 ft.	native	tolerates moist soils
Balsam Fir	<i>Abies balsamea</i>	18	6'	varies	B & B	60 ft.	20-30 ft.	native	tolerates wet soils
Total Evergreen trees		229							
Crusader Hawthorn	<i>Crataegus crus-galli</i>	5	1.5"	varies	B & B	25 - 30 ft.		white flowers in spring	
Spring Snow Crab	<i>Malus 'Spring Snow'</i>	3	1.5"	varies	B & B	15 - 20 ft.		white flowers in spring	
Autumn Brill Serviceberry	<i>Amelanchier grandiflora "AB"</i>	8	6'	varies	B & B	15 - 20 ft.			
Amur Maackia	<i>Maackia amurensis</i>	6	1.5"	varies	B & B	15 ft.			
'Princess Kay' Canada Plum	<i>Prunus nigra 'Princess Kay'</i>	6	1.5"	varies	cont	15 ft.	10'		
Total Ornamental trees		28							

Typical Deciduous Tree Planting Detail

1
L1
no scale

Prune dead & broken branches - maintain shape of tree

8" 2" x 2" cedar posts

Double no. 12 gauge twisted galvanized wire with 2 pieces new reinforced rubber hose

set root ball above grade to allow for settling - create a saucer around the tree to hold water

6" depth shredded bark mulch

Feel back a minimum of 50% of burlap and basket wire

Baskfill with native soil and maximum of 25% composted soil

Undisturbed subgrade

planting cavity 2x diameter of rootball

Typical Coniferous Tree Planting Detail

2
L1
no scale

Place 1/2" white pc 36" length on each guying

3 guy system - equidistant around tree w/ double no. 12 gauge twisted galvanized wire w/ 3 pieces new reinforced rubber hose

set root ball slightly above grade to allow for settling - create a saucer around the tree to hold water

3" 2" x 2" cedar posts

4" depth shredded bark mulch

6" topsoil backfill

Feel back a minimum of 50% of burlap and remove basket wire

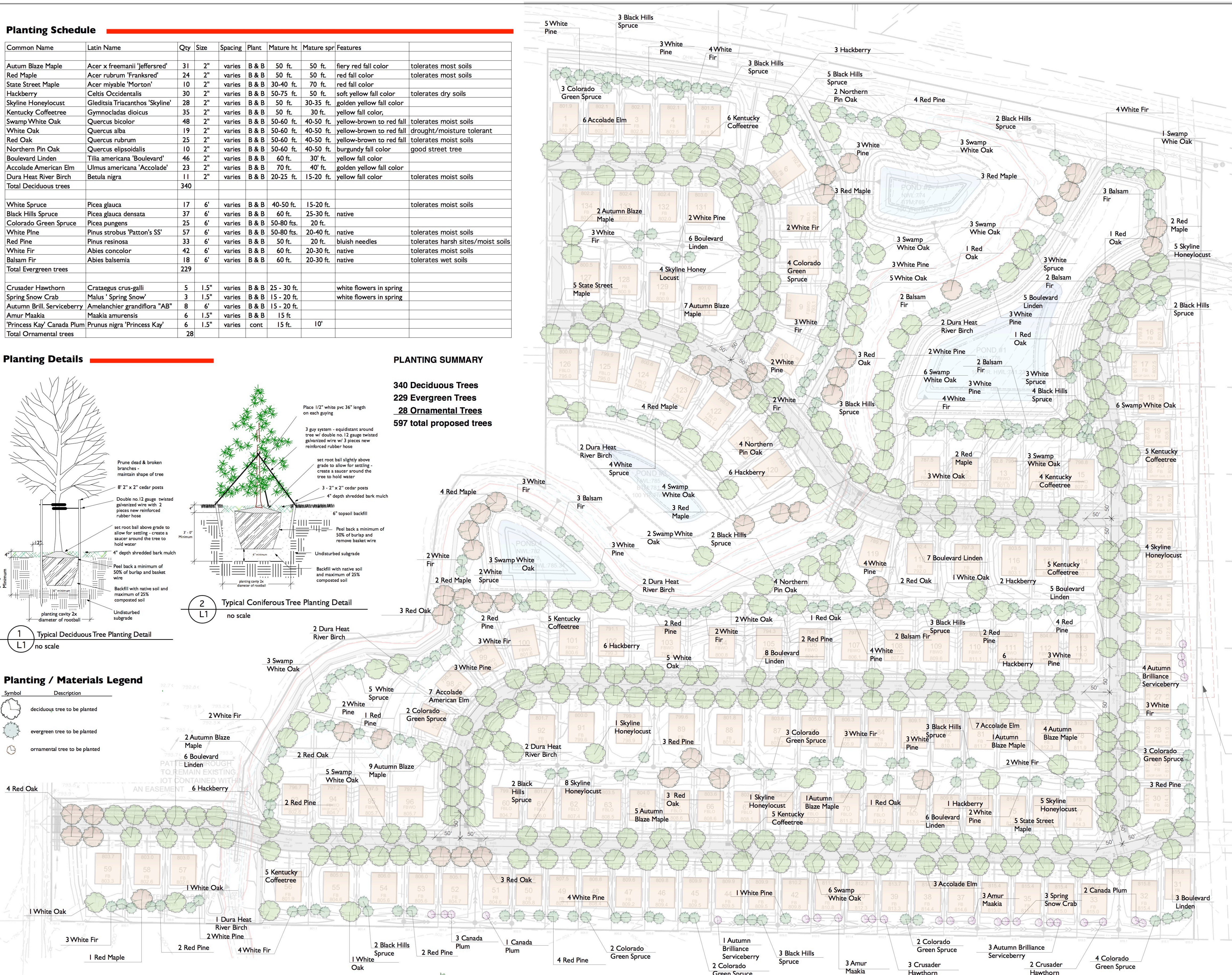
Undisturbed subgrade

Baskfill with native soil and maximum of 25% composted soil

planting cavity 2x diameter of rootball

Symbol	Description
	deciduous tree to be planted
	evergreen tree to be planted
	ornamental tree to be planted

340 Deciduous Trees
229 Evergreen Trees
28 Ornamental Trees
597 total proposed trees



1. The landscape contractor shall review all site conditions prior to construction and notify the landscape architect of any discrepancies found in the base map information provided. The contractor is responsible for verifying all field conditions related to their construction activities. The landscape contractor shall abide by all local, state and federal regulations that apply to their work.
2. The landscape contractor shall determine the exact locations of all existing utilities prior to starting construction as required by state law. The contractor is responsible for damages that result from the failure to properly locate and protect all underground utilities.
3. Any damage to existing roads, curb & gutters, trees, and turf from the landscape contractor shall be repaired at no cost to the owner.
4. Preparing the finish grade for seeding shall be the responsibility of the contractor. Locations that are deficient of a minimum of 6" of quality topsoil, refer note below for topsoil requirements, shall be brought to the attention of the owner prior to seeding.
5. The landscape contractor shall stake the plant locations in the field for review by the landscape architect prior to the start of construction activities. Minor field adjustments to the exact plant locations may need to be made. The landscape architect reserves the right to make field adjustments prior to planting. Any proposed re-locations by the landscape contractor shall be approved by the landscape architect prior to digging.
6. The landscape contractor shall coordinate their construction activities with the other contractors working on the site.

1. Planting beds shall be established indicated on the plan with an approved landscape edge with stakes.
2. Unless otherwise noted, plant beds shall consist of shredded bark mulch, 4" depth, free of soil or debris. All landscape plantings shall be mulched with a minimum of 4 inches of shredded bark mulch as shown on the details.
3. Trees and shrubs shall be freshly dug at time of delivery, unless container-grown.
4. The diameter of all tree at pits shall be two times the diameter of the root ball. Tree pits shall be excavated so that the top of the root ball will be set at 2 inches above the finished grade. The diameter of all shrub pits shall be two times the diameter of the root mass with soil. Shrub pits shall be excavated so that the top of the ball will be set at 1 inch above finished grade.
5. The topsoil for backfilling the planting pits shall be mixed with compost at a ratio of 1:3 loose compost to topsoil by volume. Backfill / planting soil shall be tested to determine suitability for planting per the specifications. New trees and shrubs shall be fertilized based on the recommendations provided by the soils report.
6. The contractor shall brace the trees as necessary per the details to insure plant stability.
7. Trees to be planted shall have a single, straight leader and tapered trunk. The tree shall be free of girdling roots that have circled around the tree and are constricting the tree at the base. Trees must be in good health and free of disease.
8. The planting contractor shall take measures to protect the trees and shrubs from damage due to planting. Newly planted trees shall be wrapped with tree wrap if the exposure or species warrants protection.
9. Planting shall not commence until the associated site improvements, pavements, and finish grading are completed.
10. The landscape contractor shall verify the suitability of soil to produce viable planting soil. Soil shall be clean of roots, weeds, sod, rocks, clods, clay lumps, concrete or other extraneous materials harmful to plant growth.
11. The Contractor shall not deviate from the plant selections without written approval.

1. All disturbed areas within the property limits that are not paved or established as planting beds shall be sodded.
2. The landscape contractor shall insure that soil conditions and established grades allow for proper drainage of all turf and planted areas. Any areas of poor drainage or over compaction shall be brought to the attention of the Landscape Architect prior to the start of any work.
3. Topsoil in landscape areas shall be at least six inches in depth and be a sandy loam, silt loam, loam or sandy clay consisting of no more than 65% sand, 1.5 - 10% organic matter, a pH of 4.5 - 6.8, soluble salts less than 2 mmhos/cm, free of chemical contaminant, and not compacted beyond 80% of Standard Proctor or 200 PSi. Subsoil shall be scarified before topsoil is re-spread. Soil shall be free of debris such as large rocks and fragments of wood.
4. All planting and sodding shall be done before October 15. Seeding before or after these dates shall be done at the Contractor's own risk at no additional expense to the owner should a replanting be necessary.
5. Disturbed areas that remain idle for 14 days shall receive a temporary seeding of annual ryegrass or oats at 100 lbs per acre.

Tree Replacement/Preservation:

CALIPER INCHES PROVIDED	
340 DECIDUOUS TREES @ 2.0 INCHES	680.0 INCHES
229 EVERGREEN TREES (= 2.0 INCHES)	458.0 INCHES
28 ORNAMENTAL TREES @ 1.5 INCHES	42.0 INCHES
TOTAL	1,180.0 INCHES