



Tree Inventory Data and Valuation
Southeast corner of Stroh Road and Parker Road
Parker, CO – 10/20/17

Bob Howey, an ISA Certified Arborist and ASCA Consulting Arborist, working for/as Tree Analysis Group, LLC (TAG) is providing this tree assessment and valuation for the 37 trees as indicated on the provided site plant and based on the inspection on 10/1/17. It is our understanding that some of these trees are intended to remain with the planned new development and some are to be removed from the development site located at the Southeast corner of Stroh Road and Parker Road, Parker, CO.

Tree # / Species / Condition/ Size–dsh”/ TFM Valuation\$/ Notes:

1	Silver Maple	G	48	\$4,660	Prune
2	Cottonwood	G	73	\$11,900	
3	Cottonwood	G	67	\$10,000	
4	Cottonwood	F	72	\$9,200	
5	Cottonwood	G	44	\$4,840	
6	Cottonwood	G	74	\$12,200	Low trunk fork
7	Cottonwood	F	61	\$6,700	
8	Cottonwood	VG	118	\$37,400	
9	Cottonwood	G	68	\$10,200	
10	Cottonwood	F	64	\$7,300	
11	Cottonwood	G	68	\$6,800	
12	Cottonwood	G	62	\$5,700	
13	Cottonwood	F	51	\$3,040	Low trunk fork
14	Cottonwood	G	64	\$6,000	
15	Cottonwood	G	54	\$6,100	
16	Cottonwood	G	98	\$14,300	
17	Cottonwood	G	106	\$16,700	
18	Cottonwood	G	112	\$18,700	
19	Cottonwood	G	49	\$3,350	
20	Cottonwood	G	108	\$17,400	
21	Cottonwood	G	84	\$10,500	
22	Cottonwood	G	72	\$7,700	Low trunk fork
23	Cottonwood	G	70	\$7,200	
24	American Elm	F/G	25	\$600	Prune
24A	American Elm	G	22	\$400	Prune
25	Ponderosa Pine	VG	24	\$4700	
26	Austrian Pine	G	16	\$150	Prune
27	Blue Spruce	P/F	17	\$150	Weak/Thin
28	Mugho Pine	P/F	17/27	\$0	Mis-shapen
29	Blue Spruce	VG	25	\$870	



30	Ponderosa Pine	VG	19	\$330	
31	Ponderosa Pine	VG	29	\$880	
32	Norway Maple	VG	52	\$4,540	
33	Crabapple	VG	74	\$3,390	Prune
34	Juniper	G/VG	23	\$590	
35	Juniper	F	14	\$230	Storm Damage
36	Juniper	F	10	\$60	Storm Damage

Inventory and Appraisal Key – Definitions/Explanations

Tree Numbering (#'s):

See Site Map – best or the location description is: starting with the SW Silver Maple in the field as #, then starting at the far Southwest corner of the property, Cottonwood #2, on the South perimeter nearest Parker Road, running along the South side to the East to the Southeast corner, then North along the East perimeter, then when the cottonwood line ends at tree #23, then NW past the outbuildings #24-26 and then North to the home. At the home, the numbering starts at the East/Southeast corner of the house, #27, then going clockwise around to the front of the house to end at Tree #36.

Species:

Tree Species: The common name is listed above, the scientific tree names are listed here.

Ponderosa Pine – *Pinus ponderosa*

Austrian Pine- *Pinus nigra*

Mugho Pine- *Pinus mugho*

Blue Spruce – *Picea pungens*

Juniper – *Juniperus* sp., gray, but variety unknown

Cottonwood – *Populus sargentii*

American Elm – *Ulmus Americana*

Silver Maple - *Acer saccharium*

Norway Maple – *Acer platanoides*

Crabapple – *Malus* sp.

Condition:

A simple evaluation rating of: Poor (P)/Fair (F)/Good (G)/Very Good (VG) was made for each tree, based on current, observable conditions on our 10/1/17 site inspection.

Size:

(DSH) – Diameter (or caliper) measured inches at standard height, 4.5 feet above the soil grade.

**Valuation:**

We used the widely accepted Trunk Formula Method (TFM) to calculate these tree valuations based on the Guide for Plant Appraisal, 9th Edition and ISA Rocky Mountain, Species Rating and Appraisal Factors Guide along with a 20% increase factored into the figures. For the Juniper valuation, we applied the Species Rating values and pricing for White Fir, *Abies concolor* – since these are both native Colorado trees that have somewhat similar growing requirements. The TFM seemed to be the most appropriate method of valuation given the sizes of the trees and their locations and as an unbiased valuation of the trees with no regard as to any given perspective towards the trees. Argument could be made that some of these trees are worth a lot more from a historic stand point or a lot less in that they are mature and have not had much prior care or maintenance during their lifetimes or that some of the trees are a hazard and liability or also that they are in the way of future development and therefore they have no or even negative value. We would re-evaluate these valuations if we were told to base our valuations from a given perspective or bias, but otherwise, the TFM is what we feel is best and fairest from all combined perspectives at this time.

Notes:

Specific tree comments or notes, if any, are as listed.

Please contact us if you have any questions regarding the above Tree Inventory and/or Tree Valuation.

Report provided by:

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**** This concludes our Tree Inventory and Valuation Report for the site at SE Stroh Ranch Road and Parker Road in Parker, CO. ****