

From: [Catherine Thompson](#)
To: [Clerk General](#)
Subject: Re: Reminder: City Council Meeting - Wednesday, December 8, 2021 9:30 a.m. starts in 1 day
Date: Tuesday, December 7, 2021 10:24:33 AM
Attachments: [Trees that require pruning SPB blocks 7-12-1-1.pdf](#)
[Appendix A - Tree Inventory\(1\).pdf](#)

Please Provide the following documents to members of the City council in preparation for my testimony and enter them into the official record. Thank you

On Tue, Dec 7, 2021 at 9:13 AM Council Clerk <no-reply@zoom.us> wrote:

Hi Catherine Thompson,



This is a reminder that "City Council Meeting - Wednesday, December 8, 2021 9:30 a.m." will begin in 1 day on:
Date Time: Dec 8, 2021 09:30 AM Pacific Time (US and Canada)

See below for important hearing tips

Join from a PC, Mac, iPad, iPhone or Android device:

[Click Here to Join](#)

Note: This link should not be shared with others; it is unique to you.

Passcode: fS*8v+zGZ

[Add to Calendar](#) [Add to Google Calendar](#) [Add to Yahoo Calendar](#)

Or join by phone:

US: 888 788 0099 (Toll Free)

Webinar ID: 818 4459 0861

International numbers available:

<https://us06web.zoom.us/j/kbsGUd4I4M>

Trees that require pruning and/or advanced aerial
assessment in the South Park Blocks between SW Market
and SW Main street

This document is a summary of the trees identified as needing pruning and/or advanced aerial assessment in the May 2019 Tree Inventory of the South Park Blocks by Morgan Holen & Associates created under contract with Portland Parks and Recreation.

The information provided in the inventory was correlated with the corresponding numerical maps from the South Block Parks Master Plan by a group of volunteers concerned about the health and safety of the South Park Blocks Trees.

Collated and respectfully submitted to Portland Parks Bureau
Commissioner Carmen Rubio

Catherine Thompson, M.D.
October 27, 2021

Hazard Trees South Park Blocks 7-12

PP&R contracted with Morgan Holen Associates in 2019 to create a comprehensive inventory of the trees in the South Park Blocks neighborhood in accordance with the standards established by the Urban Forestry division criteria and notations. The resulting document identifies 121 trees described as needing pruning as well as a number of additional trees that warrant further aerial evaluation to determine structural integrity of what appear to be compromised trees.

Based on this inventory and the associated maps of the South Park Blocks a group of volunteers has compiled a list of all trees identified for pruning and aerial assessment in Blocks 7 through 12. These trees are identified block by block with lists and maps.

The inventory identifies 62 trees in these categories, which includes 2 that have fallen and 1 that has been removed.

Ideally all of the remaining trees will be pruned as part of the Parks Levy priority to “proactively care for the 1.2 million trees that grow in parks and natural areas to reduce safety hazards and prolong trees’ lives” * Realistically these activities will be spread over time around the city.

The South Park Blocks is very heavily used by residents, students and visitors from throughout the region and from around the world. Due to the density of the local and university populations and the popularity of regional cultural institutions, hazardous trees in this neighborhood create a significant risk of causing harm.

Based on the descriptions in the comment section of the Holen inventory, we have identified 16 American elms that urgently require pruning and or aerial assessment that were first identified in May 2019. These trees are described as having features that are particularly hazardous, such as excessively heavy canopy over a street or large weak or dead scaffold branches. These hazards can be significantly mitigated with appropriate care through pruning, cabling and advanced aerial assessment. **As the pruning of American elms is restricted to the months of October to April, we urge Commissioner Rubio to allocate funds for this purpose this season.**

The American elms with the most urgent need for pruning are:

Block 7: 192, 83, 77

Block 8: 131, 160

Block 9: 92, 118, 8

Block 11: 23, 42, 100, 110

Block 12: 124, 12, 17, 15

Other tree species that are described as having hazardous features are

Block 7: 191, 81, 151, 168

Block 8: 175

Block 11: 40, 121

Block 12: 16, 125, 154

*PP&R Fall 2021 Activities Guide p 7

TREES IN THE SOUTH PARK BLOCKS
IDENTIFIED BY ARBORIST MORGAN HOLEN
FOR PRUNING
BLOCK 7 (between Clay and Market)

west row

192 American Elm 35.5" Dead branches high in crown over street, epicorms

191 Japanese Zelkova 3.5 DYING - remove

170 Ulmus spp 8" small dead branch

149 Ulmus spp 6" small dead branches

148 Ulmus species 9" small dead branches, broken branch NE side

west middle row

171 Sugar maple 37" PRUNE small dead and decaying branches

81 Sugar maple 21.5" Trunk wound NW face with hollow on top, trunk swelling, may be decay in plane of lean - consider advanced assessment

167 Ulmus spp 3.5" PRUNE small dead branches

188 Ulmus spp 3.5" PRUNE Needs young tree structural pruning

middle row

188 Ulmus spp 3.5" Needs young tree structural pruning

77 American Elm 36.5 Numerous epicorms limit VTA, history of scaffold branch failure, consider aerial

east row middle

83 American elm 29" Consider cable/brace for co-dominant leader

151 Green ash 16.5 DYING - remove. History of scaffold branch failure, hollows with decay, progressive decline

168 Green ash 30" Co-dominant leaders consider aerial assessment to assess union

east

79 American elm 38.5" one sided to E with excessive crown weight over street (**gone**)

78 American elm 42" History of co-dominant leader failure, hollow with decay seam on S face, consider advanced assessment, to reduce excessive crown weight over street

Fell in Feb 2021 ice storm.

HAZARD TREES

American elms

192, 83

consider aerial

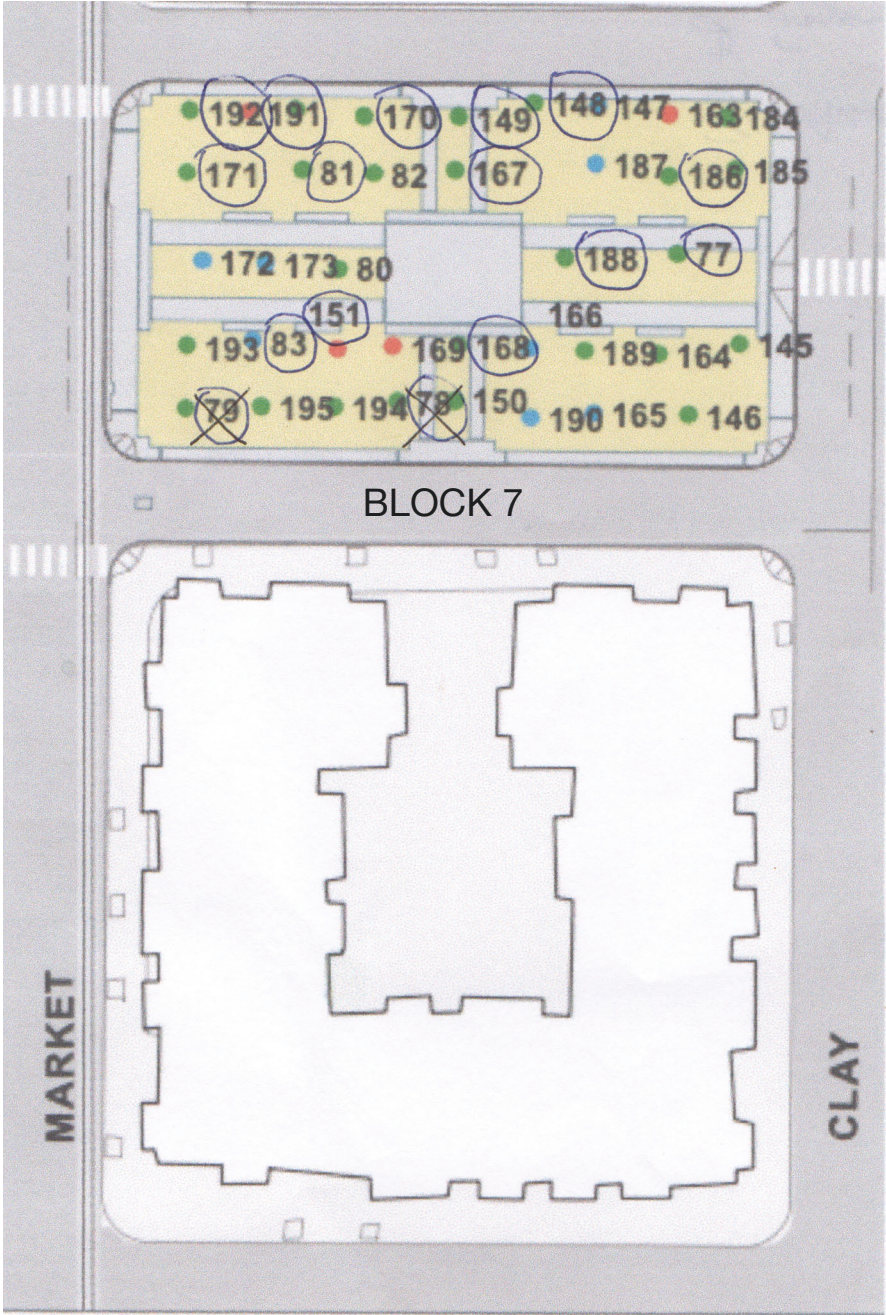
77

191 Japanese Zelkova (dying)

81 Sugar maple (needs advanced assessment)

Green ash trees (1 dying), (1 aerial assessment)

151, 168



BLOCK 7

TREES IN THE SOUTH PARK BLOCKS
IDENTIFIED BY ARBORIST MORGAN HOLEN
FOR PRUNING
BLOCK 8 (between Columbia and Clay)

west row

181 elm spp 7.5" one sided to W, reduced vigor, dead branches
138 elm spp 2" , needs young tree structural pruning

west middle row

175 sugar maple 30.5" History branch failure, scaffold branch and trunk decay. consider aerial

central row

158 Accolade elm 3.5" needs young tree structural pruning
159 American elm 35" few dead and decaying branches
160 American elm 37" some history of branch failure, hollow with decay in scaffold branch high in crown on south side, smaller dead and decaying branches

east middle row

129 American elm 17.5" small dead branches

east row

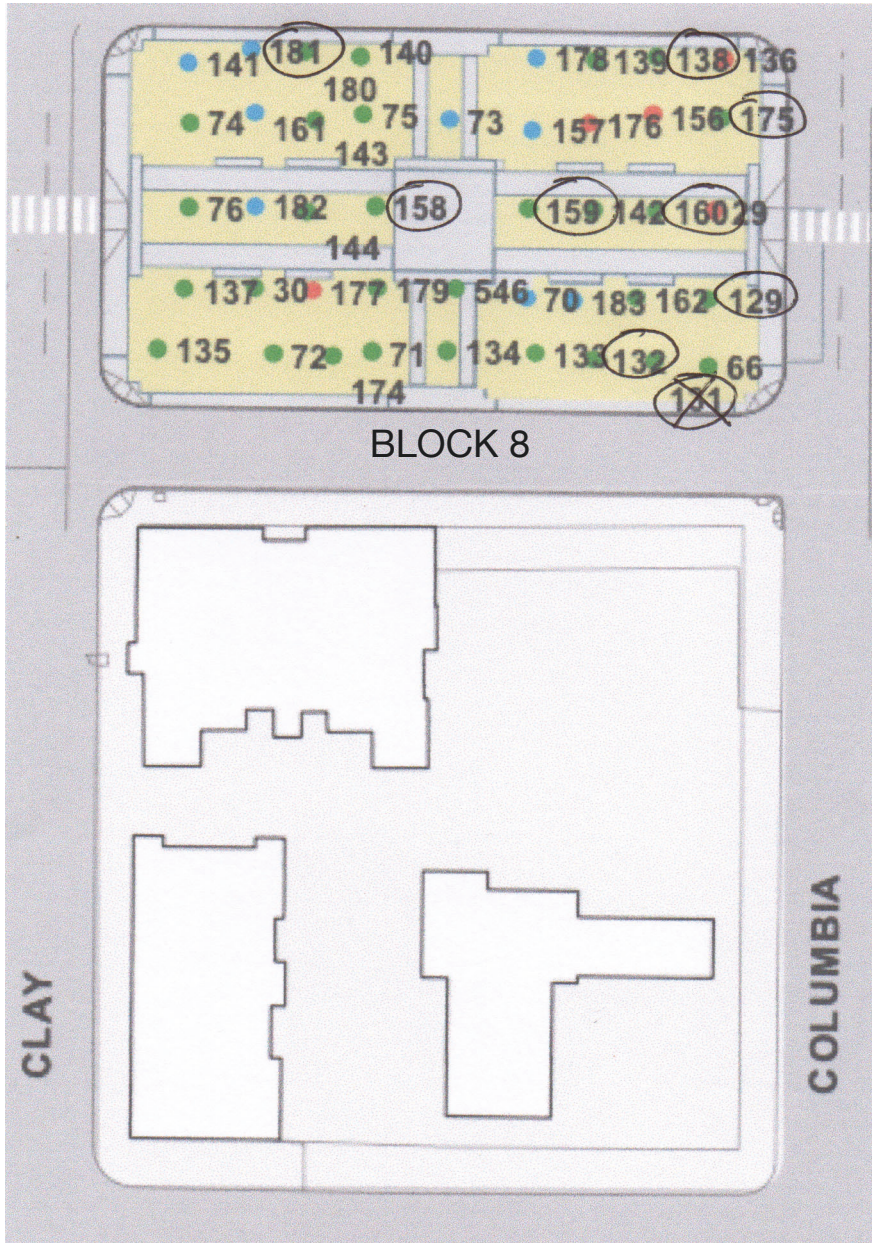
132 American elm 25" small dead branches, epicorms, upright structure
131 American elm 31.5" one sided to E, large diameter scaffold branch over street

HAZARD TREES

American elms
131, 160

sugar maple

175 consider aerial



BLOCK 8

TREES IN THE SOUTH PARK BLOCKS
IDENTIFIED BY ARBORIST MORGAN HOLEN
FOR PRUNING
BLOCK 9 (between Columbia and Jefferson)

west row
none

middle west row

118 American elm 34 inches Multiple leaders, previous scaffold branch failure, large wound at junction, warrants aerial

central row
none

middle east row

65 American elm 18.0 inches Small dead branches

120 American elm 20.5 inches Prune where branches are growing into dominant crown of adjacent tree

92 American elm 39.5 inches History of large branch failure, warrants aerial assessment and pruning

east row

28 elm spp 7.5 inches small dead and broken branches

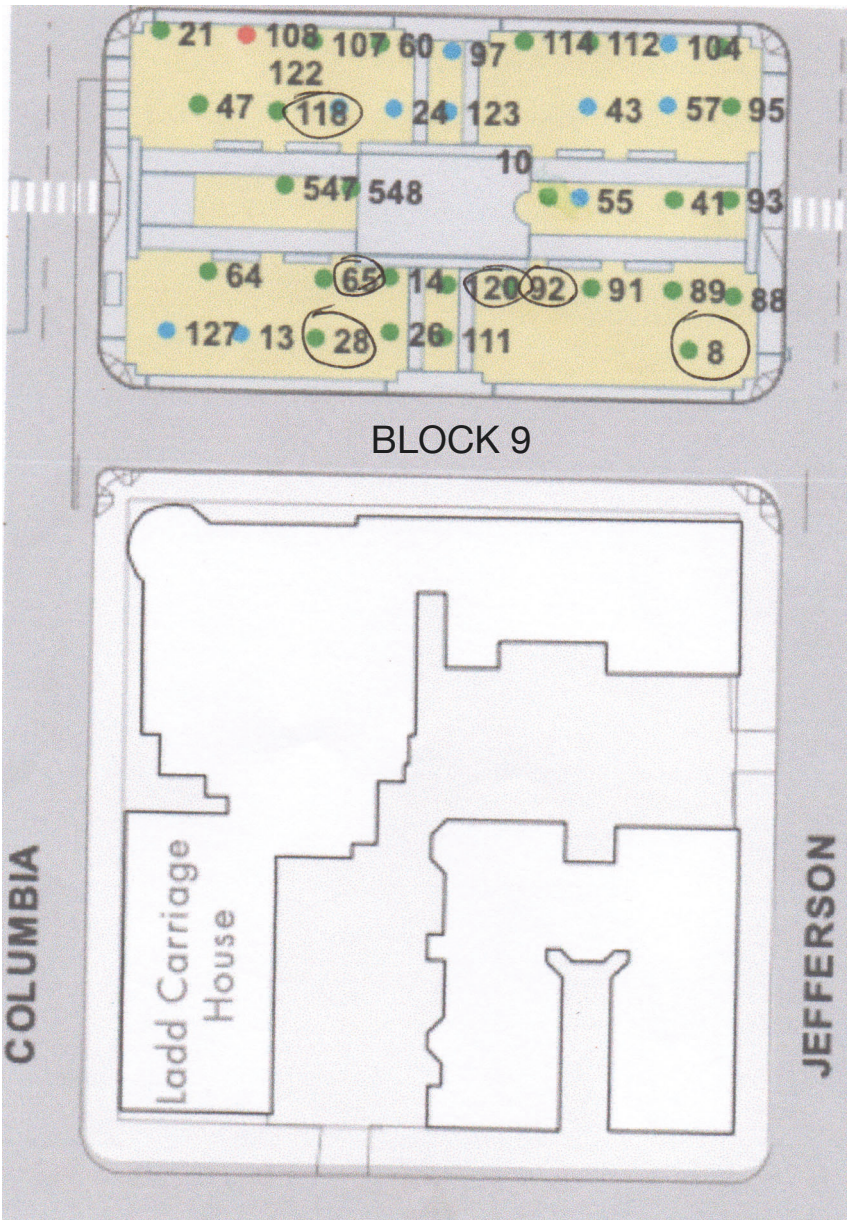
8 American elm 46 inches History of major scaffold brach failures, large open wound NE face at juncture of remaining leaders, hollows in branches higher up - warrants aerial assessment

HAZARD TREES

American elms

92 prune and aerial assessment

118, 8 aerial assessment



BLOCK 9

COLUMBIA

JEFFERSON

Ladd Carriage House

TREES IN THE SOUTH PARK BLOCKS
IDENTIFIED BY ARBORIST MORGAN HOLEN
FOR PRUNING
BLOCK 10 (between Jefferson and Madison)

west row
none

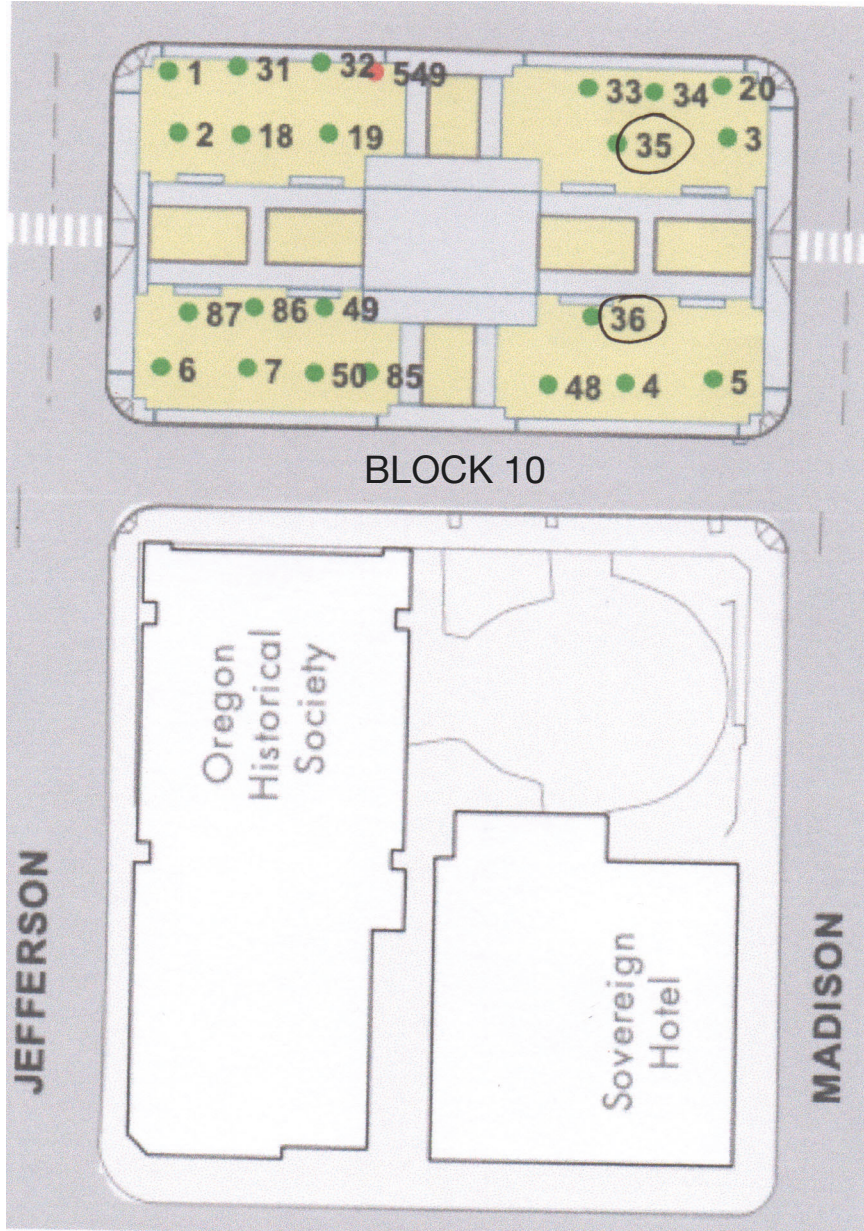
middle west row
35 American elm 40 inches History of scaffold branch failure, numerous epicorms limit VTA

center - no trees

middle east row
36 American elm 38 inches Small dead branches, epicorms, probably best elm inventoried

east row
none

HAZARD TREES
none identified



BLOCK 10

TREES IN THE SOUTH PARK BLOCKS
IDENTIFIED BY ARBORIST MORGAN HOLEN
FOR PRUNING
BLOCK 11 (between Madison and Main)

west row

42 American elm 38 inches Tremendous crown weight over street, small dead branches, old wound from co-dominant stem failure S face

100 American elm 33 inches One-sided west with crown over street, small dead branches.

113 American elm 32.5 inches Co-dominant leaders, small dead branches

106 red oak 28 inches One sided to NW, small dead branches

middle west row

59 elm spp 8 inches Trunk wound 0-3' Small dead branches, die back

central row

40 red oak 21 inches Natural lean S., small dead branches, some leaf infection, infestation

110 American elm 32.5 inches Co-dominant leaders, one to N over street, small dead branches, old co-dominant leader failure with large wound, some deca, epicorms

middle east row

9 red oak 19 inches Small dead branches

39 red oak 18 inches Dead branches, high live crown, poor branch distribution

53 American elm 24 inches Small dead and broken branches, trunk wound S face 0-2'

52 elm spp 2.5" Needs young tree structural pruning

121 sugar maple 32.5 inches Several dead and decaying branches on S side

23 American elm 25.5 inches Prune to improve growing space for beech to E. and reduce crown weight over road N, leans N, mostly one-sided, large scaffold branch over street

east row

37 American elm 32 inches Multiple leaders, small dead branches

51 Japanese zelkova 6.5" One sided with lean E.

90 American elm 24.5 inches Dead and broken branches

38 elm spp. 2.5 inches Needs young tree structural pruning

117 Japanese zelkova 5 inches Crown covering lamp post

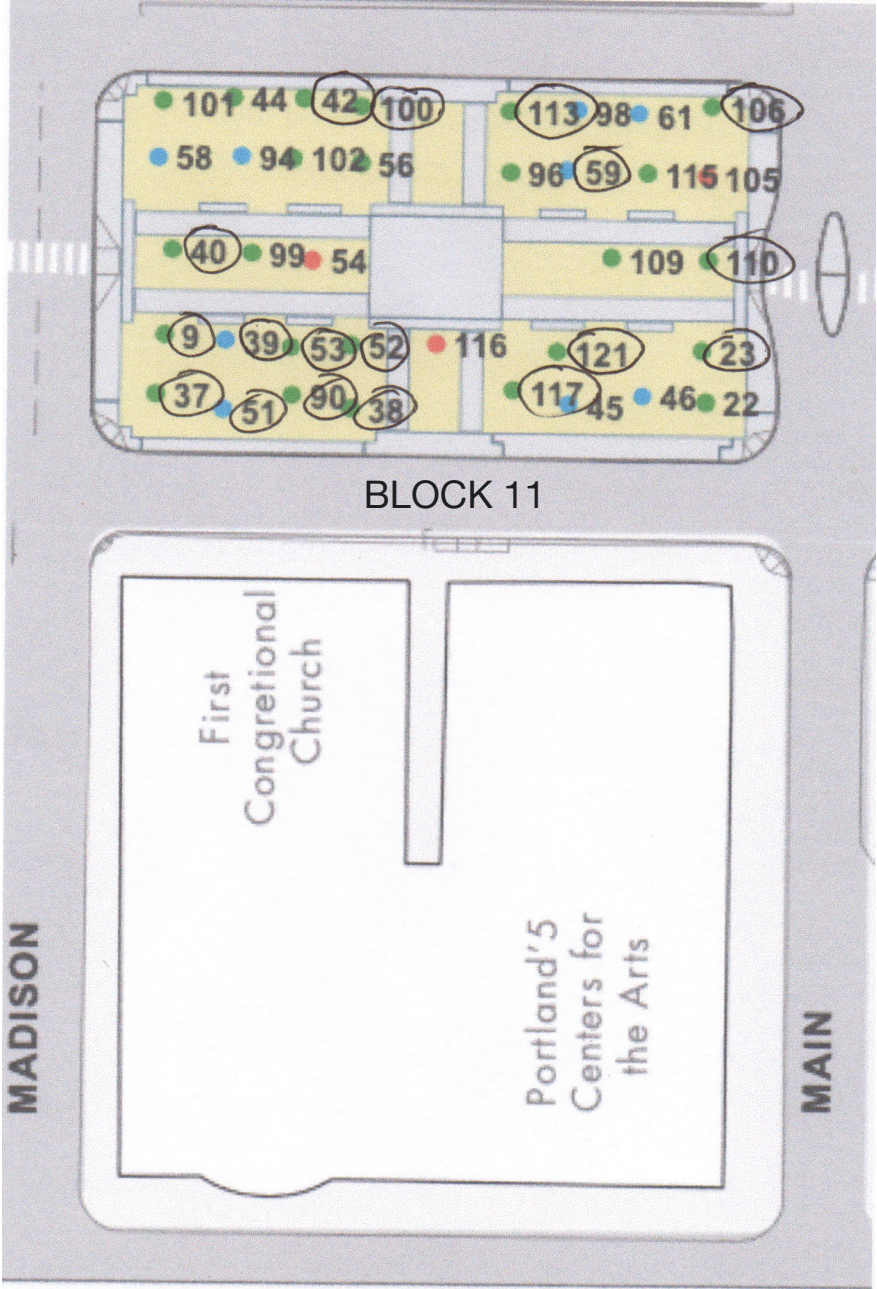
HAZARD TREES

American elm

23, 42, 100, 110

red oak

40,121



BLOCK 11

TREES IN THE SOUTH PARK BLOCKS
IDENTIFIED BY ARBORIST MORGAN HOLEN
FOR PRUNING
BLOCK 12 (between Main and Salmon)

west row

12 American elm 38.5 inches Advanced assessment -basal hollow with decay W face

62 American elm 41.5 inches Dead and broken branches, epicorms

middle west row

25 American elm 29.5inches Dead and decaying branches

153 American elm 26.5 inches Small dead branches

central row

124 American elm 43.5 inches Co-dominant leaders, one sided to S with crown weight over street, small dead branches , old trunk wound S face 0-6” Retain

middle east row

125 Red oak 20” One sided with lean south , small dead branches, some leaf infection/infestation

17 American elm 35.5” Trunk wound SW face 0-4”, other trunk wounds and hollows in scaffold branches at previous failures, warrants aerial.

68 American elm 15.5 Small dead branches

15 American elm 30.5 Previous scaffold branch failure at 24” S side at juncture of remaining leaders, warrants aerial

east row

154 red oak 28 inches. Retain. Leans E to street dead and broken branches.

16 red oak 23 inches 26 degree lean E, branches extend over street to building (viable) optional

HAZARD TREES

1 American elm

124

3 Red Oaks

16, 125, 154,

AERIAL ASSESSMENT (likely hazard trees)

American Elms (3)

12, 17,15



No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
67	elm	<i>Ulmus spp.</i>	4.5	12	Viable	Good	Moderate	Beneath crown of dominant elm, should have been planted south a bit; planting small trees in line with large trees doesn't provide sufficient growing space unless adjacent trees are pruned for overhead clearance and sunlight			Optional
68	American elm	<i>Ulmus americana</i>	15.5	28	Viable	Fair	Moderate	Small dead branches	Surrounded by infrastructure	Yes	Retain
69	red oak	<i>Quercus rubra</i>	5.5	24	Viable	Fair	Poor	Inadequate growing space			Remove
70	red oak	<i>Quercus rubra</i>	8.5	17	Viable	Good	Moderate	Below dominant canopy			Optional
71	elm	<i>Ulmus spp.</i>	3.0	12	Viable	Excellent	Good				Retain
72	elm	<i>Ulmus spp.</i>	5.0	13	Viable	Good	Good				Retain
73	red oak	<i>Quercus rubra</i>	9.5	22	Viable	Good	Moderate	Mostly one-sided to W			Optional
74	sugar maple	<i>Acer saccharum</i>	39.0	46	Viable	Good	Moderate	Multiple leaders, upright crown			Retain
75	American elm	<i>Ulmus americana</i>	43.0	49	Viable	Good	Moderate	Multiple leaders, numerous epicormics limit VTA	Infrastructure		Retain
76	sugar maple	<i>Acer saccharum</i>	5.5	15	Viable	Good	Moderate	Some asymmetry, restricted growing space beneath dominate red oak			Retain
77	American elm	<i>Ulmus americana</i>	36.5	56	Viable	Good	Moderate	Numerous epicormics limit VTA, history of scaffold branch failure, consider aerial	Infrastructure	Yes	Retain
78	American elm	<i>Ulmus americana</i>	42.0	53	Viable	Good	Moderate	History of codominant leader failure, hollow with decay seam on S face, consider advanced assessment, prune to reduce excessive crown weight over street		Yes	Retain
79	American elm	<i>Ulmus americana</i>	38.5	53	Viable	Good	Moderate	One-sided to E with excessive crown weight over street	Infrastructure	Yes	Retain
80	Japanese zelkova	<i>Zelkova serrata</i>	9.0	20	Viable	Fair	Moderate	Reduced vigor, consider root invigoration			Retain
81	sugar maple	<i>Acer saccharum</i>	21.5	31	Viable	Good	Moderate	Trunk wound at 0-10' NW face with hollow on top, trunk swelling, may be decay in plane of lean - consider advanced assessment	Infrastructure		Retain
82	American elm	<i>Ulmus americana</i>	33.5	57	Viable	Good	Moderate	Previous scaffold branch failure on S side with large open wound, numerous epicormics	Infrastructure		Retain
83	American elm	<i>Ulmus americana</i>	29.0	31	Viable	Fair	Moderate	Consider cable/brace for codominant leader	Infrastructure		Optional
85	Lavalle hawthorn	<i>Crataegus x lavallei</i>	15.0	20	Viable	Good	Good				Retain
86	Oregon white oak	<i>Quercus garryana</i>	9.5	15	Viable	Excellent	Good	Some asymmetry, small dead branches			Retain
87	sugar maple	<i>Acer saccharum</i>	19.5	24	Viable	Good	Moderate	Leans S			Retain
88	American elm	<i>Ulmus americana</i>	28.0	63	Viable	Good	Moderate	Scaffold branches over street			Retain
89	red oak	<i>Quercus rubra</i>	5.0	11	Viable	Good	Good				Retain
90	American elm	<i>Ulmus americana</i>	24.5	22	Viable	Fair	Moderate	Dead and broken branches		Yes	Retain
91	elm	<i>Ulmus spp.</i>	2.0	7	Viable	Good	Good	Needs young tree structural pruning		Yes	Retain
92	American elm	<i>Ulmus americana</i>	39.5	53	Viable	Good	Moderate	History of large branch failure, warrants aerial assessment and pruning	Infrastructure	Yes	Retain
93	American elm	<i>Ulmus americana</i>	38.5	37	Viable	Good	Moderate	Codominant leaders, leans in direction of crown weight to the street			Retain
94	sugar maple	<i>Acer saccharum</i>	8.0	21	Viable	Good	Moderate	One-sided to W			Optional
95	American elm	<i>Ulmus americana</i>	31.0	35	Viable	Good	Moderate	Codominant leaders			Retain
96	American elm	<i>Ulmus americana</i>	33.5	43	Viable	Fair	Moderate	Trunk hollow E face, old wound S face	Infrastructure		Retain



No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
97	Japanese zelkova	<i>Zelkova serrata</i>	5.0	13	Viable	Fair	Moderate	One-sided to W, beneath dominant canopy	Infrastructure		Optional
98	red oak	<i>Quercus rubra</i>	11.0	30	Viable	Fair	Poor	Very poor structure, some dieback			Optional
99	sugar maple	<i>Acer saccharum</i>	9.5	24	Viable	Good	Good				Retain
100	American elm	<i>Ulmus americana</i>	33.0	42	Viable	Fair	Moderate	One-sided to W with crown weight over street, small dead branches	Infrastructure	Yes	Retain
101	red oak	<i>Quercus rubra</i>	25.5	42	Viable	Good	Moderate	Very one-sided to S	Infrastructure		Retain
102	elm	<i>Ulmus spp.</i>	13.0	20	Viable	Fair	Moderate				Retain
103	elm	<i>Ulmus spp.</i>	12.0	25	Viable	Good	Moderate	Codominant leaders, one-sided to W, surface roots			Retain
104	elm	<i>Ulmus spp.</i>	10.0	25	Viable	Fair	Moderate	Upright structure, small dead branches			Optional
105	red oak	<i>Quercus rubra</i>	11.0	42	Viable	Fair	Poor	Very poor structure			Remove
106	red oak	<i>Quercus rubra</i>	28.0	44	Viable	Good	Moderate	One-sided to NW, small dead branches	Infrastructure	Yes	Retain
107	American elm	<i>Ulmus americana</i>	26.0	39	Viable	Good	Moderate	Numerous epicormics limit VTA			Retain
108	elm	<i>Ulmus spp.</i>	4.0	13	Viable	Fair	Moderate	Trunk damage, bark removed 1-4' S face			Remove
109	American elm	<i>Ulmus americana</i>	40.5	46	Viable	Good	Moderate	Codominant leaders, upright structure, epicormics			Retain
110	American elm	<i>Ulmus americana</i>	32.5	48	Viable	Fair	Moderate	Codominant leaders, one to N over street, small dead branches, old codominant leader failure with large wound, some decay, epicormics	Infrastructure	Yes	Retain
111	elm	<i>Ulmus spp.</i>	2.0	5	Viable	Good	Good	Needs young tree structural pruning		Yes	Retain
112	elm	<i>Ulmus spp.</i>	3.5	10	Viable	Good	Good				Retain
113	American elm	<i>Ulmus americana</i>	32.5	39	Viable	Good	Moderate	Codominant leaders, small dead branches	Infrastructure	Yes	Retain
114	American elm	<i>Ulmus americana</i>	42.0	56	Viable	Good	Moderate	Multiple leaders, crown weight over street	Infrastructure		Retain
115	American elm	<i>Ulmus americana</i>	33.5	42	Viable	Good	Moderate	One-sided to W, hollow in scaffold branch warrants aerial	Infrastructure		Retain
116	elm	<i>Ulmus spp.</i>	3.5	6	Viable	Fair	Poor	Topped central leader, remove and replace sooner than later			Remove
117	Japanese zelkova	<i>Zelkova serrata</i>	5.0	18	Viable	Good	Good	Crown covering lamp post	Lamp post	Yes	Retain
118	American elm	<i>Ulmus americana</i>	34.0	42	Viable	Good	Moderate	Multiple leaders, previous scaffold branch failure, large wound at juncture warrants aerial			Retain
119	American elm	<i>Ulmus americana</i>	22.5	33	Viable	Fair	Moderate	Old lower trunk wounds, numerous epicormics limit VTA	Infrastructure		Retain
120	American elm	<i>Ulmus americana</i>	20.5	45	Viable	Fair	Moderate	Prune where branches are growing into dominant crown of adjacent tree	Infrastructure	Yes	Retain
121	sugar maple	<i>Acer saccharum</i>	32.5	34	Viable	Good	Moderate	Several large dead and decaying branches on S side		Yes	Retain
122	American elm	<i>Ulmus americana</i>	13.5	30	Viable	Fair	Poor	Previous branch failures, dead branches, trunk wound, surface roots		Yes	Optional
123	red oak	<i>Quercus rubra</i>	8.0	14	Viable	Fair	Good	Small dead branches	Infrastructure		Optional
124	American elm	<i>Ulmus americana</i>	43.5	36	Viable	Good	Moderate	Codominant leaders, one-sided to S with crown weight over street, small dead branches, old trunk wound S face 0-6'	Infrastructure	Yes	Retain
125	red oak	<i>Quercus rubra</i>	20.0	42	Viable	Fair	Moderate	One-sided with lean S, small dead branches, some leaf infection/infestation	Infrastructure	Yes	Retain
126	American beech	<i>Fagus grandifolia</i>	13.0	21	Viable	Good	Good	Somewhat one-sided to W			Retain
127	elm	<i>Ulmus spp.</i>	6.0	17	Viable	Good	Moderate	Very one-sided to S, crown obstructs lamp	Lamp post		Optional
128	American beech	<i>Fagus grandifolia</i>	23.0	24	Viable	Excellent	Good				Retain
129	American elm	<i>Ulmus americana</i>	17.5	21	Viable	Good	Moderate	Small dead and broken branches		Yes	Retain
130	American beech	<i>Fagus grandifolia</i>	14.5	19	Viable	Excellent	Good				Retain

No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
131	American elm	<i>Ulmus americana</i>	31.5	48	Viable	Good	Moderate	One-sided to E, large diameter scaffold branches over street	Infrastructure	Yes	Retain
132	American elm	<i>Ulmus americana</i>	25.0	40	Viable	Good	Moderate	Small dead branches, epicormics, upright structure		Yes	Retain
133	American elm	<i>Ulmus americana</i>	5.5	14	Viable	Good	Good				Retain
134	American elm	<i>Ulmus americana</i>	6.0	16	Viable	Good	Good	Codominant leaders			Retain
135	sugar maple	<i>Acer saccharum</i>	35.5	44	Viable	Fair	Moderate	Multiple leaders, large past pruning, large scaffold branches with weight over street			Retain
136	elm	<i>Ulmus spp.</i>	9.0	24	Viable	Good	Poor	Broken leader, poor growing space beneath canopy of tree to E and impeding growth of tree to S			Remove
137	sugar maple	<i>Acer saccharum</i>	24.0	34	Viable	Good	Good				Retain
138	elm	<i>Ulmus spp.</i>	2.0	9	Viable	Good	Good	Needs young tree structural pruning; prune low-lying limbs or remove adjacent tree N to improve growing space		Yes	Retain
139	elm	<i>Ulmus spp.</i>	9.5	21	Viable	Good	Moderate	One-sided to W			Retain
140	elm	<i>Ulmus spp.</i>	5.5	11	Viable	Good	Moderate	One-sided to W			Retain
141	elm	<i>Ulmus spp.</i>	12.0	31	Viable	Good	Moderate	One-sided to SW, crown over lamp post			Optional
142	sugar maple	<i>Acer saccharum</i>	4.5	12	Viable	Good	Good				Retain
143	sugar maple	<i>Acer saccharum</i>	21.0	32	Viable	Good	Moderate	Multiple leaders, some included bark, upright crown	Infrastructure		Retain
144	sugar maple	<i>Acer saccharum</i>	6.0	13	Viable	Good	Moderate	Crown asymmetry			Retain
145	sugar maple	<i>Acer saccharum</i>	31.5	39	Viable	Good	Moderate	One-sided to N			Retain
146	American elm	<i>Ulmus americana</i>	40.0	50	Viable	Good	Moderate	Multiple leaders, one-sided to E with crown weight over street			Retain
147	Japanese zelkova	<i>Zelkova serrata</i>	6.5	19	Viable	Good	Moderate	Crown asymmetry, codominant leaders, some lean in direction of crown weight to street	Infrastructure		Optional
148	elm	<i>Ulmus spp.</i>	9.0	15	Viable	Good	Moderate	Small dead branches, broken branch NE side, surface and circling roots	Infrastructure	Yes	Retain
149	elm	<i>Ulmus spp.</i>	6.0	19	Viable	Good	Moderate	Small dead branches	Infrastructure	Yes	Retain
150	elm	<i>Ulmus spp.</i>	4.0	12	Viable	Good	Good		Infrastructure		Retain
151	green ash	<i>Fraxinus pennsylvanica</i>	16.5	27	Dying	Poor	Poor	History of scaffold branch failure, hollows with decay, progressive decline			Remove
152	elm	<i>Ulmus spp.</i>	5.5	14	Viable	Good	Good	Some asymmetry, small dead branches		Yes	Retain
153	American elm	<i>Ulmus americana</i>	26.5	45	Viable	Fair	Moderate	Small dead branches	Surrounded by infrastructure	Yes	Retain
154	red oak	<i>Quercus rubra</i>	28.0	42	Viable	Good	Moderate	Leans E to street, dead and broken branches	Infrastructure	Yes	Retain
155	American beech	<i>Fagus grandifolia</i>	16.5	29	Viable	Good	Moderate	Somewhat one-sided to SE	Infrastructure		Retain
156	red oak	<i>Quercus rubra</i>	10.5	25	Viable	Fair	Poor	Small live crown, insufficient growing space			Remove
157	red oak	<i>Quercus rubra</i>	12.0	27	Viable	Fair	Moderate	One-sided to W			Optional
158	Accolade elm	<i>Ulmus 'Morton'</i>	3.5	6	Viable	Good	Good	Needs young tree structural pruning		Yes	Retain
159	American elm	<i>Ulmus americana</i>	35.0	36	Viable	Good	Moderate	Few dead and decaying branches		Yes	Retain
160	American elm	<i>Ulmus americana</i>	37.0	40	Viable	Good	Moderate	Some history of branch failure, hollow with decay in scaffold branch high in crown on S side, smaller dead and decaying branches		Yes	Retain
161	red oak	<i>Quercus rubra</i>	4.5	13	Viable	Fair	Moderate	Beneath dominant canopies			Optional
162	red oak	<i>Quercus rubra</i>	5.0	14	Viable	Good	Moderate				Retain
163	elm	<i>Ulmus spp.</i>	5.0	11	Viable	Fair	Poor	Broken top with open wound and new off-center leader			Remove

No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
164	American elm	<i>Ulmus americana</i>	21.0	25	Viable	Good	Moderate	Numerous epicormics limit VTA			Retain
165	elm	<i>Ulmus spp.</i>	5.0	17	Viable	Good	Poor	One-sided to E, codominant leaders with tight V-shaped attachment			Optional
166	red oak	<i>Quercus rubra</i>	6.0	26	Viable	Good	Moderate	One-sided to SW over lamp post	Infrastructure, lamp post		Optional
167	elm	<i>Ulmus spp.</i>	3.5	9	Viable	Fair	Moderate	Small dead branches	Infrastructure	Yes	Retain
168	green ash	<i>Fraxinus pennsylvanica</i>	30.0	34	Viable	Good	Moderate	Codominant leaders, consider aerial to assess union	Infrastructure		Retain
169	red oak	<i>Quercus rubra</i>	7.0	14	Viable	Fair	Poor	Very high live crown			Remove
170	elm	<i>Ulmus spp.</i>	8.0	17	Viable	Good	Good	Small dead branch	Infrastructure, lamp post	Yes	Retain
171	sugar maple	<i>Acer saccharum</i>	37.0	40	Viable	Good	Moderate	Small dead and decaying branches		Yes	Retain
172	Japanese zelkova	<i>Zelkova serrata</i>	6.0	25	Viable	Good	Poor	Very one-sided to S, lower trunk wound E side			Optional
173	sugar maple	<i>Acer saccharum</i>	5.0	14	Viable	Good	Moderate	Below dominant canopy with limited growing space			Optional
174	elm	<i>Ulmus spp.</i>	6.0	14	Viable	Good	Moderate				Retain
175	sugar maple	<i>Acer saccharum</i>	30.5	34	Viable	Fair	Moderate	History of branch failure, scaffold branch and trunk decay, consider aerial and pruning		Yes	Retain
176	red oak	<i>Quercus rubra</i>	13.0	26	Viable	Fair	Poor	High live crown with poor structure			Remove
177	American elm	<i>Ulmus americana</i>	13.0	18	Viable	Fair	Poor	Upright structure, live crown is mostly epicormics, likely a history of branch failure, may have crown decay			Remove
178	Japanese zelkova	<i>Zelkova serrata</i>	7.5	27	Viable	Fair	Moderate	One-sided to W with crown weight over street			Optional
179	red oak	<i>Quercus rubra</i>	3.0	9	Viable	Good	Good	Some crown asymmetry			Retain
180	elm	<i>Ulmus spp.</i>	6.0	15	Viable	Good	Moderate	One-sided to W			Retain
181	elm	<i>Ulmus spp.</i>	7.5	18	Viable	Fair	Moderate	One-sided to W, reduced vigor, small dead branches		Yes	Optional
182	red oak	<i>Quercus rubra</i>	44.5	47	Viable	Fair	Moderate	Four leaders but one previously failed, <i>Ganoderma</i> conks near base on multiple sides - consider advanced assessment			Optional
183	red oak	<i>Quercus rubra</i>	6.5	16	Viable	Fair	Moderate	Beneath dominant canopy			Optional
184	American elm	<i>Ulmus americana</i>	33.0	25	Viable	Good	Good	Multiple leaders, epicormics			Retain
185	sugar maple	<i>Acer saccharum</i>	22.5	34	Viable	Good	Moderate	Mostly one-sided to N			Retain
186	American elm	<i>Ulmus americana</i>	35.5	37	Viable	Good	Moderate	Numerous epicormics limit VTA, history of scaffold branch failure		Yes	Retain
187	red oak	<i>Quercus rubra</i>	8.5	21	Viable	Good	Moderate	One-sided to SW with some lean in direction of crown weight			Optional
188	elm	<i>Ulmus spp.</i>	3.5	8	Viable	Good	Moderate	Needs young tree structural pruning		Yes	Retain
189	sugar maple	<i>Acer saccharum</i>	27.5	34	Viable	Fair	Moderate	Codominant leaders, one previously failed and has a new off-center leader	Infrastructure		Retain
190	Japanese zelkova	<i>Zelkova serrata</i>	6.0	17	Viable	Fair	Moderate	Reduced vigor			Optional
191	Japanese zelkova	<i>Zelkova serrata</i>	3.5	13	Dying	Poor	Poor				Remove
192	American elm	<i>Ulmus americana</i>	35.5	47	Viable	Good	Moderate	Dead branches high in crown over street, epicormics	Infrastructure	Yes	Retain
193	sugar maple	<i>Acer saccharum</i>	28.5	37	Viable	Good	Good				Retain
194	elm	<i>Ulmus spp.</i>	4.5	13	Viable	Good	Moderate				Retain
195	elm	<i>Ulmus spp.</i>	4.0	11	Viable	Good	Moderate				Retain



No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
196	elm	<i>Ulmus spp.</i>	4.5	10	Viable	Good	Good				Retain
197	elm	<i>Ulmus spp.</i>	3.0	0	Dead	Dead					Remove
198	American elm	<i>Ulmus americana</i>	3.0	8	Viable	Good	Good				Retain
199	American elm	<i>Ulmus americana</i>	35.0	34	Viable	Good	Moderate	Multiple leaders, some crown asymmetry, epicormics			Retain
200	elm	<i>Ulmus spp.</i>	3.5	10	Viable	Good	Good		Compacted soil, infrastructure		Retain
201	American elm	<i>Ulmus americana</i>	23.0	33	Viable	Good	Moderate	Multiple leaders, quite a lot of past pruning	Compacted soil, infrastructure		Retain
202	American elm	<i>Ulmus americana</i>	31.5	39	Viable	Fair	Moderate	Crown asymmetry, multiple leaders, epicormics, lifted concrete	Infrastructure		Retain
203	elm	<i>Ulmus spp.</i>	4.0	0	Dead	Dead					Remove
204	American elm	<i>Ulmus americana</i>	37.5	37	Viable	Fair	Moderate	Multiple leaders, included bark, previous large branch failure, small dead branches, surface root damage	Infrastructure	Yes	Retain
205	American elm	<i>Ulmus americana</i>	39.0	49	Viable	Good	Good	Multiple leaders, expansive surface roots with mower damage			Retain
206	American elm	<i>Ulmus americana</i>	43.5	42	Viable	Good	Moderate	aerial assessment; multiple leaders, previous branch failures, trunk and crown hollows with decay			Optional
207	elm	<i>Ulmus spp.</i>	5.5	11	Viable	Good	Good	Small dead branches, lower trunk wound			Retain
208	American elm	<i>Ulmus americana</i>	35.0	39	Viable	Good	Good	Multiple leaders, numerous epicormics			Retain
209	elm	<i>Ulmus spp.</i>	4.5	14	Viable	Good	Moderate				Retain
210	American elm	<i>Ulmus americana</i>	33.0	45	Viable	Fair	Moderate	Multiple leaders, reduced vigor, small dead and broken branches, nail in trunk at 7.5' N face		Yes	Retain
211	elm	<i>Ulmus spp.</i>	3.5	9	Viable	Good	Moderate				Retain
212	American elm	<i>Ulmus americana</i>	30.0	32	Viable	Good	Good	Multiple leaders, epicormics			Retain
213	American elm	<i>Ulmus americana</i>	27.5	27	Viable	Good	Good	Multiple leaders, cracked and lifted surfacing	Compacted soil, infrastructure		Retain
214	American elm	<i>Ulmus americana</i>	25.5	30	Viable	Good	Moderate	Crown asymmetry, multiple leaders, epicormics, bricks lifted	Infrastructure		Retain
215	American elm	<i>Ulmus americana</i>	38.0	47	Viable	Good	Moderate	Multiple leaders, epicormics, surface root damage	Infrastructure		Retain
216	American elm	<i>Ulmus americana</i>	22.0	21	Viable	Fair	Moderate	Major asymmetry, epicormics, small dead branches	Infrastructure	Yes	Retain
217	American elm	<i>Ulmus americana</i>	35.0	42	Viable	Fair	Moderate	Crown asymmetry, numerous epicormics, small trunk hollows	Infrastructure	Yes	Retain
218	American elm	<i>Ulmus americana</i>	49.0	50	Viable	Good	Moderate	Codominant stems, multiple leaders, numerous epicormics, small dead branches, hollow with decay beneath juncture of stems at 14' S face	Lamp post beneath crown	Yes	Retain
219	American elm	<i>Ulmus americana</i>	36.5	59	Viable	Fair	Moderate	Very one-sided to E	Infrastructure		Optional
220	elm	<i>Ulmus spp.</i>	15.0	23	Viable	Fair	Poor	Off-center leader	Infrastructure		Optional
221	American elm	<i>Ulmus americana</i>	22.0	47	Viable	Fair	Poor	Very one-sided, relatively small live crown, leans to street, epicormics	Infrastructure		Remove
222	American elm	<i>Ulmus americana</i>	38.0	48	Viable	Fair	Moderate	Small dead and broken branches, old trunk wound E face		Yes	Optional
223	elm	<i>Ulmus spp.</i>	15.5	16	Viable	Good	Moderate	One-sided to SW, epicormics, small dead branches		Yes	Retain
224	American elm	<i>Ulmus americana</i>	25.0	31	Viable	Good	Moderate	One-sided to SE, dead branch in upper canopy		Yes	Retain
225	American elm	<i>Ulmus americana</i>	35.0	33	Viable	Fair	Moderate	Multiple leaders, numerous epicormics, twig dieback, concrete lifted north of tree	Compacted soil, infrastructure	Yes	Retain
226	American elm	<i>Ulmus americana</i>	19.0	19	Viable	Good	Moderate	Codominant leaders, upright crown, epicormics	Infrastructure		Retain



No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
227	American elm	<i>Ulmus americana</i>	27.5	36	Viable	Fair	Moderate	Crown asymmetry, small dead branches, epicormics, hollow at old pruning wound at 9.5' NW face, metal bar compartmentalized in trunk at 5' W face	Infrastructure	Yes	Retain
228	elm	<i>Ulmus spp.</i>	20.5	27	Viable	Good	Moderate	Crown asymmetry, dead and broken branches, surface root damage		Yes	Retain
229	elm	<i>Ulmus spp.</i>	7.5	24	Viable	Good	Moderate	One-sided to W			Retain
230	elm	<i>Ulmus spp.</i>	4.0	7	Viable	Good	Good				Retain
232	elm	<i>Ulmus spp.</i>	5.0	11	Viable	Good	Moderate	Some asymmetry			Retain
233	American elm	<i>Ulmus americana</i>	30.0	32	Viable	Good	Moderate	Crown asymmetry, multiple leaders, included bark, upright crown, some surface root damage			Retain
234	American elm	<i>Ulmus americana</i>	30.0	42	Viable	Good	Good	Small dead branches		Yes	Retain
235	American elm	<i>Ulmus americana</i>	19.0	16	Dying	Poor	Poor	Severe decline			Remove
237	American elm	<i>Ulmus americana</i>	37.5	40	Viable	Fair	Moderate	Reduced vigor, twig dieback, old root damage N side, bacterial wetwood in N buttress flare, old trunk wound N face, one-sided to E	Infrastructure	Yes	Optional
238	American elm	<i>Ulmus americana</i>	21.0	28	Viable	Good	Moderate	One-sided to NE, epicormics			Retain
239	American beech	<i>Fagus grandifolia</i>	10.0	21	Viable	Good	Good				Retain
240	American elm	<i>Ulmus americana</i>	32.0	35	Viable	Fair	Moderate	Codominant stems, twig and branch dieback	Surrounded by infrastructure	Yes	Retain
241	sugar maple	<i>Acer saccharum</i>	23.0	29	Viable	Good	Moderate	Trunk hollows at ~13' E and W faces, small dead branches	Surrounded by infrastructure		Retain
242	American elm	<i>Ulmus americana</i>	32.0	46	Viable	Fair	Moderate	Small dead and broken branches, relatively reduced vigor, lower trunk wound E face with hollow		Yes	Retain
243	American elm	<i>Ulmus americana</i>	34.5	38	Viable	Good	Moderate	Crown asymmetry, epicormics			Retain
244	Norway maple	<i>Acer platanoides</i>	12.0	18	Nuisance	Excellent	Good				Retain
245	American elm	<i>Ulmus americana</i>	40.5	46	Viable	Good	Moderate	Multiple leaders, included bark, epicormics, one leader with large scaffold branches and crown weight over street	Infrastructure		Retain
246	American elm	<i>Ulmus americana</i>	16.5	30	Dying	Poor	Poor	Mostly dead, live foliage all epicormics			Remove
247	American elm	<i>Ulmus americana</i>	21.5	27	Viable	Fair	Moderate	Somewhat reduced vigor, small dead branches, twig dieback	Infrastructure	Yes	Retain
248	American elm	<i>Ulmus americana</i>	2.0	5	Viable	Good	Good	Needs young tree structural pruning		Yes	Retain
249	American elm	<i>Ulmus americana</i>	32.0	34	Viable	Fair	Moderate	Codominant stems, some history of branch failure, epicormics, small dead branches	Surrounded by infrastructure	Yes	Retain
252	sugar maple	<i>Acer saccharum</i>	21.5	32	Viable	Fair	Poor	Crown dieback and decay	Surrounded by infrastructure	Yes	Optional
253	American beech	<i>Fagus grandifolia</i>	6.0	13	Viable	Excellent	Good	Growing space would benefit if one lateral limb from adjacent maple to NE was removed			Retain
254	American elm	<i>Ulmus americana</i>	23.5	34	Viable	Fair	Poor	Excessive crown weight to S		Yes	Retain
255	American elm	<i>Ulmus americana</i>	30.0	29	Viable	Fair	Moderate	Codominant leaders, large past pruning cuts, epicormics	Infrastructure		Retain
257	American elm	<i>Ulmus americana</i>	13.0	25	Viable	Good	Good				Retain
258	American elm	<i>Ulmus americana</i>	39.0	47	Viable	Good	Moderate	Codominant stems with tight V-shaped attachment, multiple leaders, small dead branches		Yes	Retain



No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
259	American elm	<i>Ulmus americana</i>	29.5	30	Viable	Fair	Moderate	Codominant leaders previously removed-poor wound wood development, small dead branches in upper crown	Infrastructure	Yes	Retain
260	elm	<i>Ulmus spp.</i>	2.5	6	Viable	Good	Good	Root severed on west side			Retain
261	elm	<i>Ulmus spp.</i>	6.0	16	Viable	Good	Moderate	Needs young tree structural pruning		Yes	Retain
262	elm	<i>Ulmus spp.</i>	4.0	14	Viable	Good	Moderate	Needs young tree structural pruning		Yes	Retain
263	American elm	<i>Ulmus americana</i>	41.0	49	Viable	Good	Moderate	Multiple leaders, epicormics			Retain
264	American elm	<i>Ulmus americana</i>	32.0	32	Viable	Good	Moderate	Very one-sided to E, crown weight over pedestrian zone, small dead branches	Infrastructure, lamp post	Yes	Retain
265	American elm	<i>Ulmus americana</i>	26.0	37	Viable	Fair	Moderate	High live crown, numerous epicormics along trunk limit VTA	Infrastructure		Retain
266	littleleaf linden	<i>Tilia cordata</i>	24.5	26	Viable	Excellent	Good	Codominant leaders	Surrounded by infrastructure		Retain
267	American elm	<i>Ulmus americana</i>	26.0	32	Viable	Good	Moderate	Codominant leaders	Surrounded by infrastructure		Retain
268	American elm	<i>Ulmus americana</i>	34.0	48	Viable	Good	Good	Numerous epicormics limited VTA	Infrastructure, shortcut path	Yes	Retain
269	American elm	<i>Ulmus americana</i>	40.5	40	Viable	Good	Moderate	Multiple leaders, leans to building	Surrounded by infrastructure		Retain
270	elm	<i>Ulmus spp.</i>	6.0	14	Viable	Good	Good	Exposed surface roots	Infrastructure		Retain
271	elm	<i>Ulmus spp.</i>	4.0	13	Viable	Good	Good	Growing space would benefit from pruning crown of maple to the SW	Lamp post, infrastructure		Retain
272	American elm	<i>Ulmus americana</i>	30.5	30	Viable	Fair	Moderate	Codominant leaders, small dead branches, epicormics	Infrastructure	Yes	Retain
273	American elm	<i>Ulmus americana</i>	26.5	39	Viable	Fair	Moderate	Codominant leaders, crown asymmetry, epicormics			Retain
274	American elm	<i>Ulmus americana</i>	39.5	35	Viable	Good	Moderate	Multiple leaders, crown weight over street, epicormics, small dead branches	Infrastructure	Yes	Retain
275	American elm	<i>Ulmus americana</i>	31.0	28	Viable	Good	Moderate	Dead and broken branches, epicormics		Yes	Retain
276	American elm	<i>Ulmus americana</i>	26.5	29	Viable	Good	Moderate	Multiple leaders, some asymmetry, leans to street	Infrastructure, roots growing over bricks		Retain
278	American elm	<i>Ulmus americana</i>	36.0	45	Viable	Good	Moderate	Codominant stems with tight V-shaped attachment, old trunk wound NW face	Infrastructure		Retain
279	American elm	<i>Ulmus americana</i>	36.5	42	Viable	Fair	Moderate	Codominant leaders, large diameter scaffold branches, dead and broken branches, crown decay	Infrastructure	Yes	Retain
280	American elm	<i>Ulmus americana</i>	14.5	18	Viable	Fair	Moderate	Bacterial wetwood W face 0-5', small dead branches	Infrastructure	Yes	Optional
281	American elm	<i>Ulmus americana</i>	29.5	39	Viable	Fair	Moderate	Codominant leaders, previous scaffold branch failure, surface and circling roots	Infrastructure		Retain
282	American elm	<i>Ulmus americana</i>	28.5	33	Viable	Good	Moderate	Surface roots, small dead branches	Infrastructure	Yes	Retain
284	American elm	<i>Ulmus americana</i>	32.0	39	Viable	Fair	Moderate	Numerous epicormics, dead branches, some dieback		Yes	Retain
285	elm	<i>Ulmus spp.</i>	6.0	16	Viable	Fair	Good	Needs young tree structural pruning	Infrastructure	Yes	Retain
286	American elm	<i>Ulmus americana</i>	23.5	34	Viable	Good	Moderate	One-sided to E, epicormics, prune low-lying limbs to improve growing space for adjacent young trees		Yes	Retain
287	American elm	<i>Ulmus americana</i>	16.0	39	Viable	Fair	Moderate	Crown asymmetry, history of branch failure, small dead branches		Yes	Optional

No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
288	American elm	<i>Ulmus americana</i>	25.0	28	Dying	Poor	Poor	Mostly dead, just epicormics			Remove
371	London planetree	<i>Platanus x acerifolia</i>	55.0	46	Viable	Good	Moderate	Heritage Tree, poor growing space/soil volume, small dead branches, some branch dieback, scaffold branches with hollows	Infrastructure	Yes	Retain
389	American elm	<i>Ulmus americana</i>	19.0	30	Viable	Fair	Moderate	Crown dieback, epicormics		Yes	Optional
390	American elm	<i>Ulmus americana</i>	22.0	43	Viable	Fair	Poor	Previous scaffold branch failure, twig dieback		Yes	Optional
392	American elm	<i>Ulmus americana</i>	24.5	38	Viable	Fair	Moderate	Crown asymmetry, small dead branches in upper crown		Yes	Retain
393	American elm	<i>Ulmus americana</i>	28.5	35	Viable	Good	Moderate	Some asymmetry, crown weight over street and parking, epicormics	Lamp post beneath crown		Retain
394	honey locust	<i>Gleditsia triacanthos</i>	12.5	19	Viable	Fair	Moderate	Some asymmetry, small dead branches		Yes	Retain
395	honey locust	<i>Gleditsia triacanthos</i>	14.0	25	Viable	Fair	Moderate	Some asymmetry, crown weight over street	Lamp post beneath crown		Retain
396	honey locust	<i>Gleditsia triacanthos</i>	12.0	28	Viable	Fair	Moderate	One-sided to S, crown weight over street	Lamp post beneath crown		Retain
397	honey locust	<i>Gleditsia triacanthos</i>	14.5	26	Viable	Fair	Moderate	One-sided to SW, crown weight over street	Lamp post beneath scaffold branch		Retain
398	honey locust	<i>Gleditsia triacanthos</i>	12.0	33	Viable	Fair	Moderate	One-sided to SW with crown weight over street, hollow with trunk decay at ~4' N face			Retain
399	honey locust	<i>Gleditsia triacanthos</i>	12.0	30	Viable	Fair	Moderate	One-sided to S, small dead branches		Yes	Retain
401	American elm	<i>Ulmus americana</i>	36.0	47	Viable	Fair	Moderate	Multiple leaders, crown asymmetry, numerous epicormics, twig dieback	Epicormics limit complete VTA	Yes	Retain
402	elm	<i>Ulmus spp.</i>	3.0	9	Viable	Excellent	Good	Located 28.5' N of 209			Retain
403	elm	<i>Ulmus spp.</i>	4.0	9	Viable	Excellent	Good	43.5' N of last add tree			Retain
404	red oak	<i>Quercus rubrum</i>	3.0	9	Viable	Good	Good	38.5' S of 199			Retain
405	American elm	<i>Ulmus americana</i>	21.0	29	Viable	Fair	Moderate	50.5' NNW of 214, numerous epicormics			Retain
406	elm	<i>Ulmus spp.</i>	4.0	10	Viable	Good	Moderate	47.5' N of 215 crown asymmetry			Retain
407	red oak	<i>Quercus rubrum</i>	11.0	23	Viable	Good	Moderate	21' N of 228, poor growing space between dominant elms, poor branch distribution, upper trunk lean			Optional
408	sugar maple	<i>Acer saccharum</i>	33.0	41	Viable	Good	Good	21.5' N of last add tree	Infrastructure		Retain
409	American elm	<i>Ulmus americana</i>	25.5	35	Viable	Fair	Moderate	24.5' E of last add point, one-sided to SE, past pruning, epicormics	Infrastructure		Optional
410	red oak	<i>Quercus rubrum</i>	6.0	11	Viable	Good	Good	26' E of last add tree			Retain
411	red oak	<i>Quercus rubrum</i>	15.0	26	Viable	Good	Moderate	30' S of last add tree			Retain
412	red oak	<i>Quercus rubrum</i>	15.0	25	Viable	Fair	Moderate	25.5' E of last add point and 28' N of 218	Infrastructure		Retain
413	red oak	<i>Quercus rubrum</i>	17.0	29	Viable	Good	Good	43.5' N of last add tree	Infrastructure		Retain
414	elm	<i>Ulmus spp.</i>	3.0	6	Viable	Fair	Moderate	23' N of 239, dead branches, needs young tree structural pruning		Yes	Optional
415	red oak	<i>Quercus rubrum</i>	6.5	23	Viable	Good	Moderate	49' E of 239, codominant leaders		Yes	Retain
416	red oak	<i>Quercus rubrum</i>	13.5	29	Viable	Good	Moderate	39' N of 237, leans E	Infrastructure		Optional
417	American beech	<i>Fagus grandifolia</i>	8.0	14	Viable	Excellent	Good	20' N of 206			Retain
418	red oak	<i>Quercus rubrum</i>	4.0	13	Viable	Good	Good	23' E of 230			Retain



No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
419	red oak	<i>Quercus rubrum</i>	15.0	32	Viable	Good	Moderate	25' S of 230, crown asymmetry, self-correcting lean	Lamp beneath crown, infrastructure		Retain
420	red oak	<i>Quercus rubrum</i>	14.5	20	Viable	Good	Good	42' N of 230, small dead branches	Infrastructure		Retain
421	littleleaf linden	<i>Tilia cordata</i>	26.0	32	Viable	Good	Good	25' W of 242, limited VTA			Retain
422	American elm	<i>Ulmus americana</i>	35.0	53	Viable	Good	Moderate	36' SW of 240; aerial assessment, history of large branch failure, wounds with decay in scaffold branches	Surrounded by infrastructure		Optional
423	elm	<i>Ulmus spp.</i>	4.0	6	Viable	Good	Moderate	25' E of 241, Needs young tree structural pruning, remove stakes, severed root on W side		Yes	Retain
424	American elm	<i>Ulmus americana</i>	31.0	38	Viable	Good	Good	47' S of 269, numerous epicormics	Surrounded by infrastructure		Retain
425	American elm	<i>Ulmus americana</i>	27.5	41	Dying	Poor	Poor	47' S of last add tree, severe dieback, progressive decline	Surrounded by infrastructure		Remove
426	American elm	<i>Ulmus americana</i>	36.0	32	Viable	Fair	Moderate	25' W of 267, codominant leaders, numerous epicormics, small dead branches, twig dieback	Infrastructure	Yes	Retain
427	elm	<i>Ulmus spp.</i>	5.0	10	Viable	Good	Good	32' N of last add tree, Prune small dead branch and defective low-lying limb		Yes	Retain
428	American elm	<i>Ulmus americana</i>	23.0	33	Viable	Fair	Moderate	22' N of 255, multiple leaders, relatively reduced vigor, small dead branches, crown decay, old trunk wound NE face	Infrastructure	Yes	Retain
429	elm	<i>Ulmus spp.</i>	4.0	7	Viable	Fair	Poor	20' N of 240, small live crown, poor branch distribution	Surrounded by infrastructure		Optional
430	red oak	<i>Quercus rubrum</i>	16.5	26	Viable	Good	Moderate	43' N of 260, self-correcting lean	Infrastructure		Retain
431	sugar maple	<i>Acer saccharum</i>	33.0	40	Viable	Excellent	Moderate	43' N of 280, prune to improve growing space for nearby trees	Infrastructure	Yes	Retain
432	red oak	<i>Quercus rubrum</i>	12.0	26	Viable	Good	Moderate	20' N of 259, Appears somewhat rootbound, circling roots	Infrastructure		Optional
433	red oak	<i>Quercus rubrum</i>	14.0	28	Viable	Fair	Poor	21' N of 247, one-sided to ENE with crown weight to light rail	Infrastructure, light rail		Optional
434	American beech	<i>Fagus grandifolia</i>	11.0	25	Viable	Excellent	Good	38' N of 253			Retain
435	red oak	<i>Quercus rubrum</i>	8.0	25	Viable	Fair	Poor	Very one-sided to E	Infrastructure		Optional
436	red oak	<i>Quercus rubrum</i>	13.0	23	Viable	Good	Moderate	20' N of 282, crown asymmetry, crown weight over light rail	Infrastructure, light rail		Optional
437	American beech	<i>Fagus grandifolia</i>	10.0	18	Viable	Excellent	Good	27' E of 282, few surface roots			Retain
438	American beech	<i>Fagus grandifolia</i>	5.5	15	Viable	Good	Good	25' S of last add tree, few surface roots			Retain
439	littleleaf linden	<i>Tilia cordata</i>	10.5	22	Viable	Good	Moderate	32' N of 275, lower trunk wound N side			Retain
440	sugar maple	<i>Acer saccharum</i>	25.0	28	Viable	Good	Moderate	20' N of 286, codominant leaders			Retain
441	elm	<i>Ulmus spp.</i>	7.0	21	Viable	Fair	Poor	32' N of 262, very one-sided to E, small dead branches	Infrastructure, lamp post	Yes	Optional
442	elm	<i>Ulmus spp.</i>	11.5	21	Viable	Good	Good	48' N of 264, completely surrounded by infrastructure, prune small broken branch in north side		Yes	Retain
443	American elm	<i>Ulmus americana</i>	31.0	45	Viable	Good	Moderate	20' S of 288, codominant leaders, small dead branches, excessive crown weight over pedestrian path to E		Yes	Retain
444	sugar maple	<i>Acer saccharum</i>	34.0	34	Viable	Good	Moderate	22' N of 288, codominant leaders			Retain
445	sugar maple	<i>Acer saccharum</i>	32.0	32	Viable	Excellent	Moderate	24' W of 248, codominant leaders			Retain
446	sugar maple	<i>Acer saccharum</i>	37.0	44	Dangerous	Fair	Poor	44' S of 287, excessive lean SW, suspect trunk decay, <i>Ganoderma conk</i> near base on W side, codominant leaders, some crown decay			Remove



No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
447	littleleaf linden	<i>Tilia cordata</i>	9.0	15	Viable	Good	Good	26' E of 287			Retain
448	American elm	<i>Ulmus americana</i>	18.5	22	Viable	Good	Moderate	21' S of 70; upright structure, small dead branches and some twig dieback	Infrastructure	Yes	Retain
449	sugar maple	<i>Acer saccharum</i>	3.0	11	Viable	Good	Good	24' E of 118			Retain
450	sugar maple	<i>Acer saccharum</i>	3.5	8	Viable	Good	Moderate	25' E of 122, codominant leaders			Retain
451	Japanese hornbeam	<i>Carpinus japonica</i>	2.0	4	Viable	Good	Good	18' N of 32 - horrible planting spot right beneath spreading hawthorn crown, consider relocating			Remove
452	cherry	<i>Prunus spp.</i>	22.0	30	Viable	Good	Good	Very small dead branches, hollow in small branch S side	Infrastructure, building		Retain
453	Hinoki cypress	<i>Chamaecyparis obtusa</i>	5.0	9	Viable	Fair	Moderate		Compacted planter, building		Retain
454	swamp white oak	<i>Quercus bicolor</i>	12.0	24	Viable	Fair	Moderate	Dead branches	Small tree well	Yes	Retain
455	swamp white oak	<i>Quercus bicolor</i>	17.0	32	Viable	Fair	Moderate	Small dead branches	Small tree well	Yes	Retain
456	swamp white oak	<i>Quercus bicolor</i>	14.5	22	Dying	Poor	Moderate	Severe and progressive decline	Small tree well		Remove
457	swamp white oak	<i>Quercus bicolor</i>	16.5	18	Viable	Good	Good	Small dead branches	Small tree well, lifted concrete	Yes	Retain
458	swamp white oak	<i>Quercus bicolor</i>	21.0	26	Viable	Good	Good	Small dead branches	Small tree well, lifted concrete	Yes	Retain
459	Japanese zelkova	<i>Zelkova serrata</i>	8.5	12	Viable	Good	Good				Retain
460	quaking aspen	<i>Populus tremuloides</i>	6.0	8	Dying	Poor	Poor				Remove
461	quaking aspen	<i>Populus tremuloides</i>	5.5	9	Viable	Fair	Poor				Remove
462	quaking aspen	<i>Populus tremuloides</i>	6.0	11	Dead	Dead	Poor				Remove
463	quaking aspen	<i>Populus tremuloides</i>	4.5	9	Viable	Fair	Poor				Remove
464	quaking aspen	<i>Populus tremuloides</i>	4.5	10	Viable	Fair	Poor				Remove
465	quaking aspen	<i>Populus tremuloides</i>	5.5	11	Viable	Fair	Moderate				Optional
466	quaking aspen	<i>Populus tremuloides</i>	6.0	9	Viable	Fair	Moderate				Optional
467	quaking aspen	<i>Populus tremuloides</i>	3.0	9	Viable	Fair	Moderate				Optional
468	cherry	<i>Prunus spp.</i>	30.0	28	Viable	Good	Good	Multiple leaders	Against building		Retain
469	quaking aspen	<i>Populus tremuloides</i>	2.5	9	Viable	Fair	Poor				Optional
470	Japanese zelkova	<i>Zelkova serrata</i>	6.5	13	Viable	Good	Good				Retain
471	cherry	<i>Prunus spp.</i>	13.0	20	Viable	Good	Good		Infrastructure, building		Retain
472	cherry	<i>Prunus spp.</i>	15.0	18	Viable	Good	Good		Infrastructure, building		Retain
473	cherry	<i>Prunus spp.</i>	17.5	29	Viable	Fair	Moderate		Infrastructure, building		Retain
474	Japanese snowbell	<i>Styrax japonicus</i>	8.5	15	Viable	Good	Good	Crown touching building	Infrastructure, building	Yes	Retain
475	Japanese zelkova	<i>Zelkova serrata</i>	6.0	8	Viable	Good	Moderate		Limited VTA - no access		Retain
476	Japanese zelkova	<i>Zelkova serrata</i>	6.0	8	Viable	Good	Good		Limited VTA - no access		Retain
477	Japanese zelkova	<i>Zelkova serrata</i>	6.0	9	Viable	Good	Good		Limited VTA - no access		Retain
478	Japanese zelkova	<i>Zelkova serrata</i>	6.0	12	Viable	Good	Good		Limited VTA - no access		Retain
479	Japanese zelkova	<i>Zelkova serrata</i>	8.0	15	Viable	Good	Good		Limited VTA - no access		Retain
480	Japanese zelkova	<i>Zelkova serrata</i>	7.0	11	Viable	Good	Good		Limited VTA - no access		Retain
481	Japanese zelkova	<i>Zelkova serrata</i>	6.0	11	Viable	Good	Good		Limited VTA - no access		Retain
482	red maple	<i>Acer rubrum</i>	10.0	10	Viable	Fair	Moderate	Inadequate tree protection during construction, impacts likely	Limited VTA - no access		Optional



No.	Common Name	Species Name	DBH ¹	C-Rad ²	Condition ³	Health ⁴	Structure ⁵	Comments	Other ⁶	Prune ⁷	Treatment ⁸
483	red maple	<i>Acer rubrum</i>	12.0	11	Viable	Fair	Moderate	Circling roots, compacted and inadequate soil volume, forked leaders both with wounds	Small tree well		Optional
484	red maple	<i>Acer rubrum</i>	6.0	12	Viable	Good	Good	Compacted and inadequate soil volume, trunk wound W face	Small tree well		Retain
485	red maple	<i>Acer rubrum</i>	17.0	14	Viable	Fair	Moderate	Codominant leaders with included bark, poor protection with construction and impacts likely	Limited VTA - no access		Optional
486	red maple	<i>Acer rubrum</i>	18.0	20	Viable	Good	Good	Small tree well	Limited VTA - no access		Retain
487	red maple	<i>Acer rubrum</i>	16.0	15	Viable	Good	Moderate	Codominant leaders with included bark	Limited VTA - no access		Retain
488	red maple	<i>Acer rubrum</i>	12.0	12	Viable	Good	Good		Limited VTA - no access		Retain
489	red maple	<i>Acer rubrum</i>	16.0	15	Viable	Good	Good		Limited VTA - no access		Retain
490	red maple	<i>Acer rubrum</i>	14.0	15	Viable	Good	Good		Limited VTA - no access		Retain
491	red maple	<i>Acer rubrum</i>	11.0	16	Viable	Good	Good		Limited VTA - no access		Retain

¹DBH is tree diameter measured at 4.5-feet above ground level in inches rounded to the nearest half-inch.

²C-Rad is the average crown radius measured in feet. For trees with one-sided crowns, crown radius is reported for the one side rather than an average.

³Condition is based on the City's Urban Forestry Tree Inventory Worksheet drop-down menu selections, either: Viable, Nuisance, Dead, Dying or Dangerous.

⁴Health is an arborist assigned rating of overall tree health and vigor, either: Excellent, Good, Fair, Poor or Dead.

⁵Structure is an arborist assigned rating of overall structure, either: Good, Moderate or Poor.

⁶Other provides comments related to existing infrastructure or limited Visual Tree Assessment (VTA) due to access constraints.

⁷Prune identifies trees recommended for pruning; refer to comments for information pertaining to the need for pruning.

⁸Treatment provides a preliminary recommendation for tree retention or removal; some trees are classified as optional meaning they are not likely long-term amenities and removal could provide for site enhancements--refer to comments for individual tree descriptions. Note that recommendations may be modified based on the results of aerial and advanced assessments prescribed in the comments.

City Council Meeting - Wednesday, December 8, 2021 9:30 a.m.

Agenda No.	First Name	Last Name	Zip Code
863	Catherine	Thompson	97201