

MEMORANDUM

TO: City Council

FROM: John L. Fitzwater
Acting City Manager

SUBJECT: ***Status Report***

DATE: August 25, 2016

1. Allen Pond Amphitheater

On July 7, 2016, Council approved the concept plans for construction of a new amphitheater, restrooms and parking at Allen Pond Park. During the presentation by the City's consultants, A. Morton Thomas and Associates, a question was raised concerning impacts to trees. The attached exhibits accurately describe the tree impacts.

Impacted trees vary in size, type and condition. Sizes are designated as either "small" or "large", with large trees further subdivided into large (>18"-24" diameter at breast height), significant (>24"-30" diameter at breast height), and specimen (larger than 30" diameter at breast height). The site plans on pages 1 and 2 show 103 small or poor-to-average condition trees (page 1) and six (6) large good condition trees, within the "LOD" (limit of disturbance) that will likely require removal for this project.

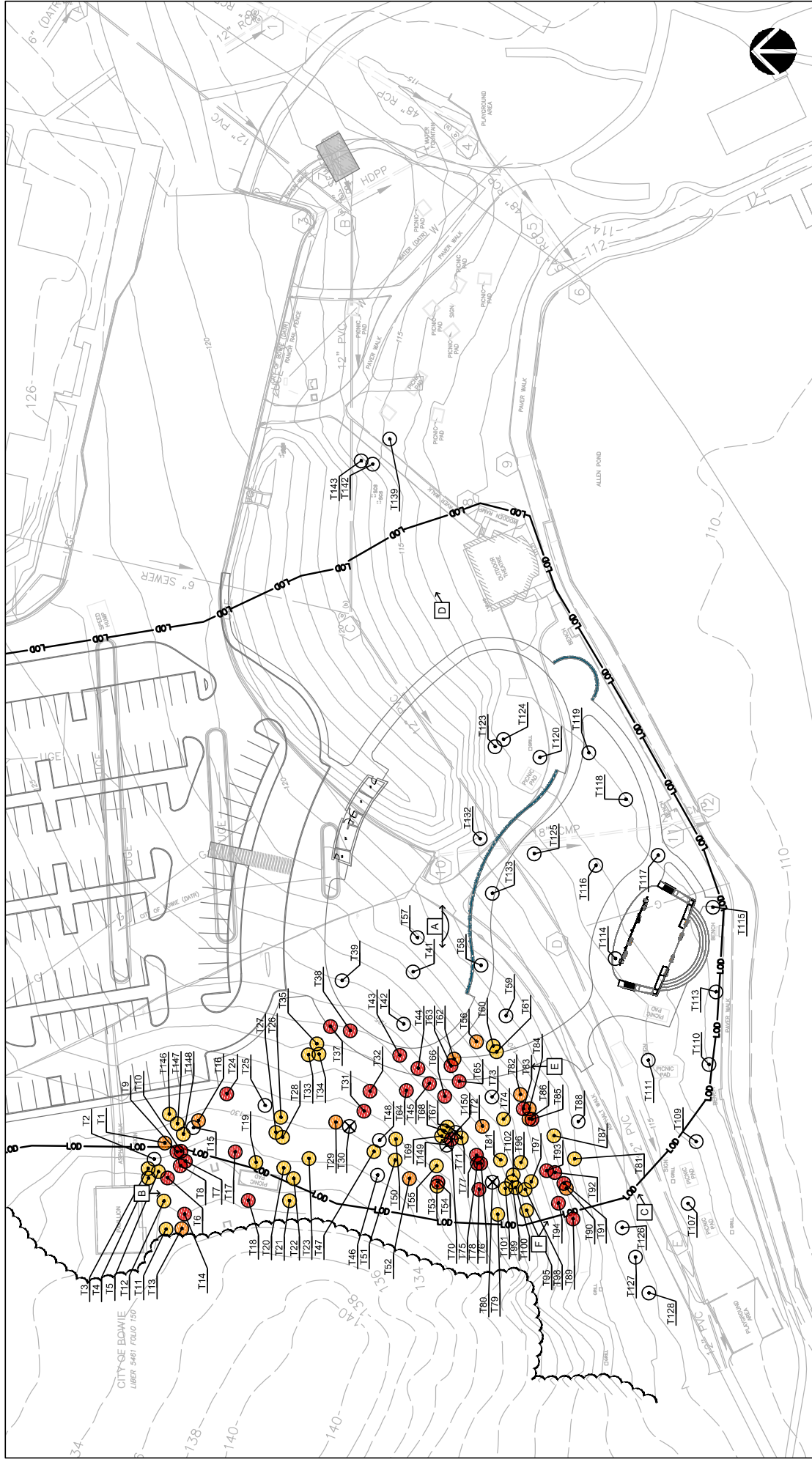
Pages 3-4 of the exhibit provide a detailed list of all trees, including their size, type and condition. Photos from various angles (shown on the site plans) are provided on page 5 (winter view) and 6 (summer view). Photos A, B, C, E, F are in areas that will be impacted. Photo D shows the area of trees not impacted.

A landscape plan (not yet developed) will be included in the project and that plan will provide additional trees and landscaping for buffering and aesthetics.

2. New Caboose at the Railroad (RR) Museum

Due to constant maintenance and upkeep issues with the RR Museum's previous caboose, the 1923 caboose was auctioned and sold in March 2015. The B&O Railroad Museum donated a 1975 Chessie System caboose and the City contracted with them to do the restoration of the car. Restoration was completed in June 2015. The "new" caboose is scheduled to be delivered on Monday, August 29th. It will be placed in the same location as the caboose that was removed. When the construction of the Old Bowie Heritage Trail is complete later in FY17, the caboose will be moved a short distance from its present site to become a focal point for an "Education Plaza" and a viewing platform for trainspotting.

Attachments



SCALE: 1" = 60'

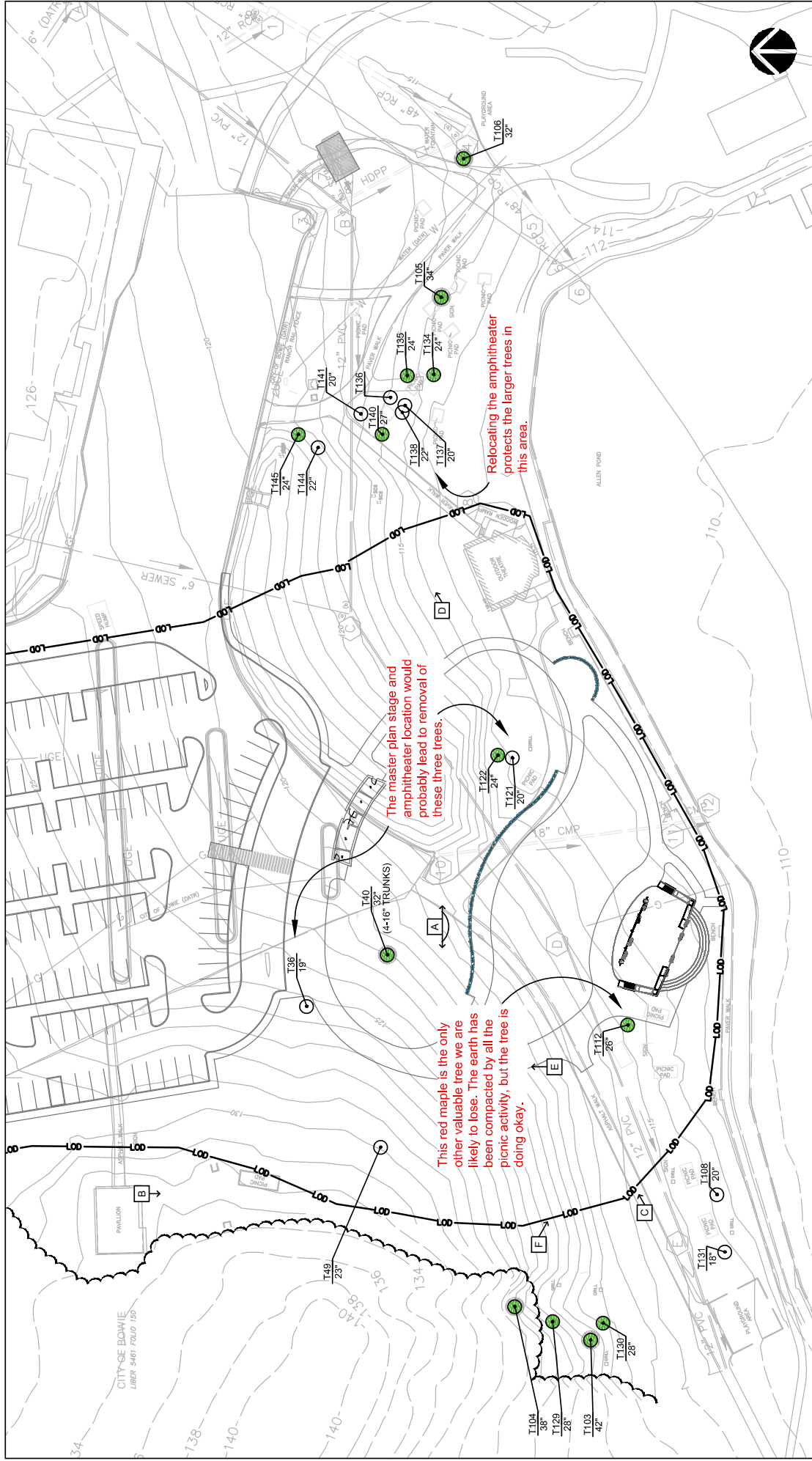
EXHIBIT 1 of 6

TREE IMPACT EXHIBIT - SMALL OR LOW QUALITY TREES

LEGEND

- AVERAGE QUALITY
- AVERAGE / POOR QUALITY
- POOR QUALITY
- SMALL TREE (<18" DBH)
- ⊗ DEAD TREE
- PHOTO KEY WITH DIRECTIONAL ARROW
- EDGE OF FOREST CANOPY LINE
- APPROXIMATE LIMIT OF DISTURBANCE





SCALE: 1" = 60'

EXHIBIT 2 of 6

TREE IMPACT EXHIBIT - LARGE, SIGNIFICANT, OR SPECIMEN TREES

ALLEN POND PARK- Bowie, Maryland
AUGUST 2016

- LEGEND**
- SPECIMEN TREE (≥30" DBH)
 - SIGNIFICANT TREE (24"-30" DBH)
 - LARGE TREE (18"-24" DBH)

- A PHOTO KEY WITH DIRECTIONAL ARROW
- ~ EDGE OF FOREST CANOPY LINE
- APPROXIMATE LIMIT OF DISTURBANCE



A. Mendenhall Associates, Inc.
800 King Farm Boulevard, 4th Floor, Rockville, MD 20850
Tel: 301.881.2545 Fax: 301.881.0814

SPECIMEN, CHAMPION AND HISTORIC TREE TABLE						
NO.	COMMON NAME	SCIENTIFIC NAME	D.B.H. (INCHES)	CRITICAL ROOT ZONE (SQ. FT.)	CONDITION RATING	CONDITION COMMENTS
T1	Sweetgum	Liquidambar styraciflua	3.5	87	AVG/POOR	Dieback, poor structure, compacted tree roots
T2	Red maple	Acer rubrum	6	254	GOOD	
T3	Red maple	Acer rubrum	15	1590	AVG.	Dieback, poor structure, compacted tree root
T4	Red maple	Acer rubrum	18	2290	AVG.	Dieback, poor structure, compacted tree root
T5	Red maple	Acer rubrum	9	573	AVG.	Dieback, poor structure, compacted tree root
T6	Red maple	Acer rubrum	9	573	POOR	Dieback, poor structure, compacted tree roots
T7	Northern red oak	Quercus rubra	11	855	POOR	Dieback, poor structure, compacted tree roots, trunk
T8	Northern red oak	Quercus rubra	12	1018	POOR	Dieback, poor structure
T9	Black cherry	Prunus serotina	12	1018	POOR	Wound in trunk, codominant leader removed at base
T10	Black cherry	Prunus serotina	15	1590	POOR	Dieback, poor structure, wounds in trunk
T11	Tulip poplar	Liriodendron tulipifera	19	2552	AVG.	Dieback, poor structure
T12	Tulip poplar	Liriodendron tulipifera	20	2827	AVG.	Dieback, poor structure
T13	Northern red oak	Quercus rubra	15	1590	AVG/POOR	Dieback, poor structure
T14	Northern red oak	Quercus rubra	19	2552	POOR	Dieback, poor structure
T15	Red maple	Acer rubrum	14	1385	GOOD/AVG.	Uneven canopy
T16	Black cherry	Prunus serotina	21	3117	AVG/POOR	Multi-trunk, 13", 16". Poor form, Dieback, poor structure
T17	Black locust	Robinia pseudacacia	15	1590	POOR	Dieback, poor structure, fruiting bodies
T18	Sweetgum	Liquidambar styraciflua	10	707	POOR	Dieback, poor structure
T19	Tulip poplar	Liriodendron tulipifera	15	1590	AVG.	Leaning form
T20	Crabapple	Malus angustifolia	18	2290	AVG.	Dieback, poor structure
T21	Black locust	Robinia pseudacacia	9	573	AVG.	Dieback, poor structure
T22	Black locust	Robinia pseudacacia	10	707	AVG.	Dieback, poor structure
T23	Sweetgum	Liquidambar styraciflua	17	2043	AVG.	Dieback, poor structure
T24	Black locust	Robinia pseudacacia	18	2290	POOR	Dieback, poor structure
T25	Pignut hickory	Carya glabra	15	1590	GOOD/AVG.	Uneven canopy
T26	Tulip poplar	Liriodendron tulipifera	16	1810	AVG.	Leaning form
T27	Red maple	Acer rubrum	13	1195	AVG.	Dieback, poor structure
T28	Tulip poplar	Liriodendron tulipifera	11	855	AVG.	Poor form
T29	Black locust	Robinia pseudacacia	10	707	AVG/POOR	Dieback, poor structure
T30	Black locust	Robinia pseudacacia		0		Dead
T31	Black locust	Robinia pseudacacia	9	573	POOR	Dieback, poor structure
T32	Black locust	Robinia pseudacacia	17	2043	POOR	Dieback, poor structure, leaning form
T33	Eastern red cedar	Juniperus virginiana	12	1018	AVG.	Dieback, poor structure at base
T34	Black locust	Robinia pseudacacia	17	2043	AVG.	Multi-trunk, 12", 12". Some missing limbs
T35	Black locust	Robinia pseudacacia	13	1195	AVG.	Multi-trunk, 9", 9". Leaning form
T36	Bur oak	Quercus macrocarpa	19	2552	GOOD	Multi-trunk, 12", 15".
T37	Black locust	Robinia pseudacacia	9	573	POOR	Dieback, poor structure, leaning form
T38	Black locust	Robinia pseudacacia	12	1018	POOR	Multi-trunk, 10", 6". Missing limbs
T39	White oak	Quercus alba	10	707	GOOD	
T40	Sweetgum	Liquidambar styraciflua	32	7238	GOOD/AVG.	Multi-trunk, 16", 16", 16". Compacted roots, gridding at base
T41	Bur oak	Quercus macrocarpa	9	573	GOOD	
T42	Bur oak	Quercus macrocarpa	11	855	GOOD	
T43	Eastern red cedar	Juniperus virginiana	4	113	POOR	Covered in English Ivy, Dieback, poor structure

EXHIBIT 3 of 6

TREE IMPACT EXHIBIT - TREE DATA

ALLEN FOND PARK- Bowie, Maryland
AUGUST 2016

T44	Eastern red cedar	<i>Juniperus virginiana</i>	8	452	POOR	Dieback, poor structure
T45	Eastern red cedar	<i>Juniperus virginiana</i>	9	573	POOR	Covered in English Ivy, Dieback, poor structure
T46	Sweetgum	<i>Liquidambar styraciflua</i>	15	1590	GOOD/AVG.	Poor form
T47	Black cherry	<i>Prunus serotina</i>	10	707	AVG.	Dieback, poor structure
T48	Red maple	<i>Acer rubrum</i>	9	573	GOOD	
T49	Black cherry	<i>Prunus serotina</i>	23	3739	GOOD	
T50	Japanese flowering cherry	<i>Prunus serrulata</i>	9	573	AVG.	Dieback, poor structure
T51	Black cherry	<i>Prunus serotina</i>	18	2290	AVG.	Dieback, poor structure
T52	Black locust	<i>Robinia pseudacacia</i>	14	1385	AVG/POOR	Multi-trunk, 8", 8", 8" Dieback, poor structure
T53	Tulip poplar	<i>Liriodendron tulipifera</i>	16	1810	AVG.	Leaning form
T54	Black locust	<i>Robinia pseudacacia</i>	6	254	POOR	Leaning form, wound in trunk
T55	Black locust	<i>Robinia pseudacacia</i>	10	707	AVG.	Dieback, poor structure
T56	Black locust	<i>Robinia pseudacacia</i>	12	1018	AVG/POOR	Dieback, poor structure
T57	Sweetgum	<i>Liquidambar styraciflua</i>	5	177	GOOD	
T58	White oak	<i>Quercus alba</i>	3	64	GOOD	
T59	White oak	<i>Quercus alba</i>	10	707	GOOD	
T60	Black locust	<i>Robinia pseudacacia</i>	10	707	AVG.	Dieback, poor structure
T61	Black locust	<i>Robinia pseudacacia</i>	8	452	AVG.	Dieback, poor structure
T62	Red maple	<i>Acer rubrum</i>	16	1810	AVG/POOR	Covered in English Ivy
T63	Eastern red cedar	<i>Juniperus virginiana</i>	4	113	POOR	Dieback, poor structure
T64	Eastern red cedar	<i>Juniperus virginiana</i>	8	452	POOR	Covered in English Ivy, Dieback, poor structure
T65	Black locust	<i>Robinia pseudacacia</i>	23	3739	POOR	Multi-trunk, 16", 16". Covered in English Ivy, Dieback, poor structure, 3" Mulberry growing from base of trunk
T66	Sweetgum	<i>Liquidambar styraciflua</i>	16	1810	POOR	Covered in English Ivy, Dieback, poor structure
T67	Red maple	<i>Acer rubrum</i>	19	2552	AVG.	Multi-trunk, 16", 10". Compacted root zone
T68	Red maple	<i>Acer rubrum</i>	8	452	AVG.	Dieback, poor structure
T69	Red maple	<i>Acer rubrum</i>	8	452	AVG.	Dieback, poor structure
T70	Tulip poplar	<i>Liriodendron tulipifera</i>	9	573	POOR	Epimorphic growth, broken limbs
T71	Black cherry	<i>Prunus serotina</i>	11	855	AVG.	Dieback, poor structure
T72	Black locust	<i>Robinia pseudacacia</i>	10	707	AVG/POOR	Fruiting bodies
T73	Eastern red cedar	<i>Juniperus virginiana</i>	10	707	GOOD	
T74	Eastern red cedar	<i>Juniperus virginiana</i>	8	452	AVG.	Dieback, poor structure
T75	Tulip poplar	<i>Liriodendron tulipifera</i>	18	2290	POOR	Covered in Poison Ivy
T76	Black locust	<i>Robinia pseudacacia</i>	8	452	POOR	Covered in Poison Ivy
T77	Black locust	<i>Robinia pseudacacia</i>	8	452	POOR	Covered in Poison Ivy
T78	Black locust	<i>Robinia pseudacacia</i>	10	707	POOR	Dieback, poor structure
T79	Green ash	<i>Fraxinus pennsylvanica</i>	16	1810	AVG.	Dieback, poor structure
T80	Black locust	<i>Robinia pseudacacia</i>		0		Dead
T81	Black cherry	<i>Prunus serotina</i>	10	707	AVG.	Poor form
T82	Black locust	<i>Robinia pseudacacia</i>	10	707	AVG/POOR	Dieback, poor structure
T83	Eastern red cedar	<i>Juniperus virginiana</i>	8	452	POOR	Dieback, poor structure
T84	Black locust	<i>Robinia pseudacacia</i>	6	254	AVG/POOR	Dieback, poor structure
T85	Eastern red cedar	<i>Juniperus virginiana</i>	3	64	POOR	Dieback, poor structure
T86	Black locust	<i>Robinia pseudacacia</i>	10	707	AVG/POOR	Dieback, poor structure
T87	Eastern red cedar	<i>Juniperus virginiana</i>	12	1018	AVG.	Dieback, poor structure
T88	White oak	<i>Quercus alba</i>	10	707	GOOD	Dieback, poor structure
T89	Sweetgum	<i>Liquidambar styraciflua</i>	12	1018	POOR	Dieback, poor structure
T90	Northern red oak	<i>Quercus rubra</i>	11	855	AVG/POOR	Dieback, poor structure



Allen Fong Associates, Inc.
800 Fong Farm Boulevard, 4th Floor, Bowie, MD 20850
Tel: 301.881.2545 Fax: 301.881.0814

T91	Black locust	<i>Robinia pseudacacia</i>	11	855	POOR	Dieback, poor structure
T92	Black locust	<i>Robinia pseudacacia</i>	8	452	POOR	Dieback, poor structure
T93	Black locust	<i>Robinia pseudacacia</i>	12	1018	POOR	Epicormic growth, broken limbs
T94	Black locust	<i>Robinia pseudacacia</i>	8	452	POOR	Epicormic growth, broken limbs
T95	Sweetgum	<i>Liquidambar styraciflua</i>	12	1018	AVG.	Dieback, poor structure
T96	Black locust	<i>Robinia pseudacacia</i>	14	1385	AVG.	Dieback, poor structure
T97	Black cherry	<i>Prunus serotina</i>	10	707	AVG.	Leaning form
T98	Black cherry	<i>Prunus serotina</i>	8	452	AVG.	Dieback, poor structure
T99	Black locust	<i>Robinia pseudacacia</i>	8	452	AVG.	Multi-trunk, 6", 6". Dieback, poor structure
T100	Black cherry	<i>Prunus serotina</i>	7	346	AVG.	Epicormic growth
T101	Black locust	<i>Robinia pseudacacia</i>	6	254	AVG.	Dieback, poor structure
T102	Black cherry	<i>Prunus serotina</i>	6	254	AVG.	Epicormic growth, broken limbs
T103	White oak	<i>Quercus alba</i>	42	12489	GOOD/AVG.	Cavity at base of trunk, lower limbs removed
T104	Northern red oak	<i>Quercus rubra</i>	38	10207	GOOD/AVG.	Leaning, poison ivy on trunk, uneven canopy
T105	Sweetgum	<i>Liquidambar styraciflua</i>	34	8171	GOOD/AVG.	Crowded root zone, mower wounds on surface roots
T106	White oak	<i>Quercus alba</i>	32	7238	GOOD	
T107	Sycamore	<i>Platanus occidentalis</i>	16	1810	GOOD/AVG.	Compacted root zone
T108	Northern red oak	<i>Quercus rubra</i>	20	2827	GOOD	
T109	Red maple	<i>Acer rubrum</i>	14	1385	GOOD	
T110	Red maple	<i>Acer rubrum</i>	12	1018	GOOD	
T111	Sycamore	<i>Platanus occidentalis</i>	16	1810	GOOD	
T112	Red maple	<i>Acer rubrum</i>	26	4778	GOOD/AVG.	Compacted root zone
T113	Red maple	<i>Acer rubrum</i>	10	707	GOOD	
T114	Red maple	<i>Acer rubrum</i>	14	1385	GOOD	
T115	Red maple	<i>Acer rubrum</i>	10	707	GOOD	
T116	Red maple	<i>Acer rubrum</i>	10	707	GOOD	
T117	Red maple	<i>Acer rubrum</i>	2	28	GOOD	
T118	Red maple	<i>Acer rubrum</i>	10	707	GOOD	
T119	Red maple	<i>Acer rubrum</i>	10	707	GOOD	
T120	White oak	<i>Quercus alba</i>	10	707	GOOD	
T121	Sweetgum	<i>Liquidambar styraciflua</i>	20	2827	GOOD	
T122	Red maple	<i>Acer rubrum</i>	24	4072	GOOD	
T123	Sweetgum	<i>Liquidambar styraciflua</i>	14	1385	GOOD	
T124	Sweetgum	<i>Liquidambar styraciflua</i>	12	1018	GOOD	
T125	Red maple	<i>Acer rubrum</i>	4	113	GOOD	
T126	White oak	<i>Quercus alba</i>	7	346	GOOD	
T127	White oak	<i>Quercus alba</i>	6	254	GOOD	
T128	Boxelder	<i>Acer negundo</i>	6	254	GOOD	
T129	Northern red oak	<i>Quercus rubra</i>	28	5542	GOOD/AVG.	Leaning form, lower limbs removed
T130	Northern red oak	<i>Quercus rubra</i>	28	5542	GOOD	
T131	Sweetgum	<i>Liquidambar styraciflua</i>	18	2290	GOOD	
T132	Red maple	<i>Acer rubrum</i>	8	452	GOOD	
T133	Red maple	<i>Acer rubrum</i>	6	254	GOOD	
T134	Sweetgum	<i>Liquidambar styraciflua</i>	24	4072	GOOD	
T135	Sweetgum	<i>Liquidambar styraciflua</i>	24	4072	GOOD	
T136	Red maple	<i>Acer rubrum</i>	18	2290	GOOD	

T137	Sycamore	<i>Platanus occidentalis</i>	20	2827	GOOD	
T138	Sycamore	<i>Platanus occidentalis</i>	22	3421	GOOD	
T139	Black gum	<i>Nyssa sylvatica</i>	8	452	GOOD	
T140	Sweetgum	<i>Liquidambar styraciflua</i>	27	5153	GOOD	
T141	Sweetgum	<i>Liquidambar styraciflua</i>	20	2827	GOOD	
T142	Black gum	<i>Nyssa sylvatica</i>	15	1590	GOOD	
T143	Black cherry	<i>Prunus serotina</i>	15	1590	GOOD	
T144	Sweetgum	<i>Liquidambar styraciflua</i>	22	3421	GOOD	
T145	Black cherry	<i>Prunus serotina</i>	24	4072	GOOD	
T146	Eastern red cedar	<i>Juniperus virginiana</i>	6	254	AVG.	Dieback, poor structure
T147	Eastern red cedar	<i>Juniperus virginiana</i>	6	254	AVG.	Dieback, poor structure
T148	Eastern red cedar	<i>Juniperus virginiana</i>	7	346	AVG.	Dieback, poor structure
T149	Black locust	<i>Robinia pseudacacia</i>		0		Dead
T150	Black locust	<i>Robinia pseudacacia</i>		0		Dead

*BOLD TYPE DENOTES SPECIMEN TREE

EXHIBIT 4 of 6 TREE IMPACT EXHIBIT - TREE DATA

ALLEN FOND PARK- Bowie, Maryland
AUGUST 2016



A PANORAMA TOWARDS POND



D VIEW LOOKING NE



B VIEW LOOKING SOUTH



E VIEW LOOKING NORTH



C VIEW LOOKING NE



F VIEW LOOKING SE

EXHIBIT 5 of 6
TREE IMPACT EXHIBIT - WINTER PHOTOS
ALLEN POND PARK - Bowie, Maryland
AUGUST 2016



A PANORAMA TOWARDS POND



D VIEW LOOKING NE



B VIEW LOOKING SOUTH



E VIEW LOOKING NORTH



C VIEW LOOKING NE



F VIEW LOOKING SE

EXHIBIT 6 of 6
TREE IMPACT EXHIBIT - SUMMER PHOTOS

ALLEN POND PARK - Bowie, Maryland
AUGUST 2016