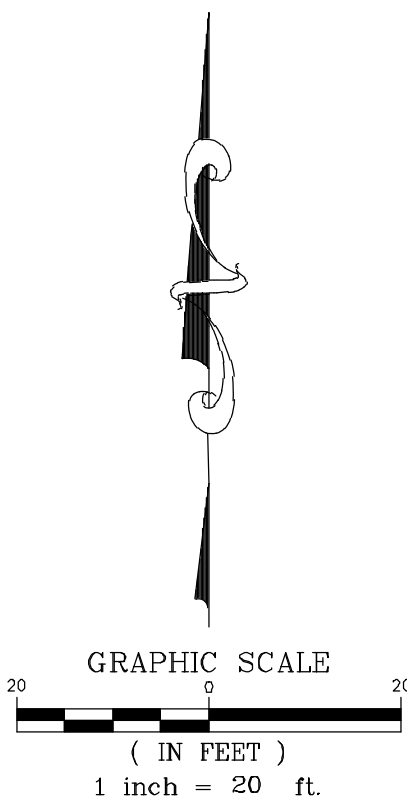
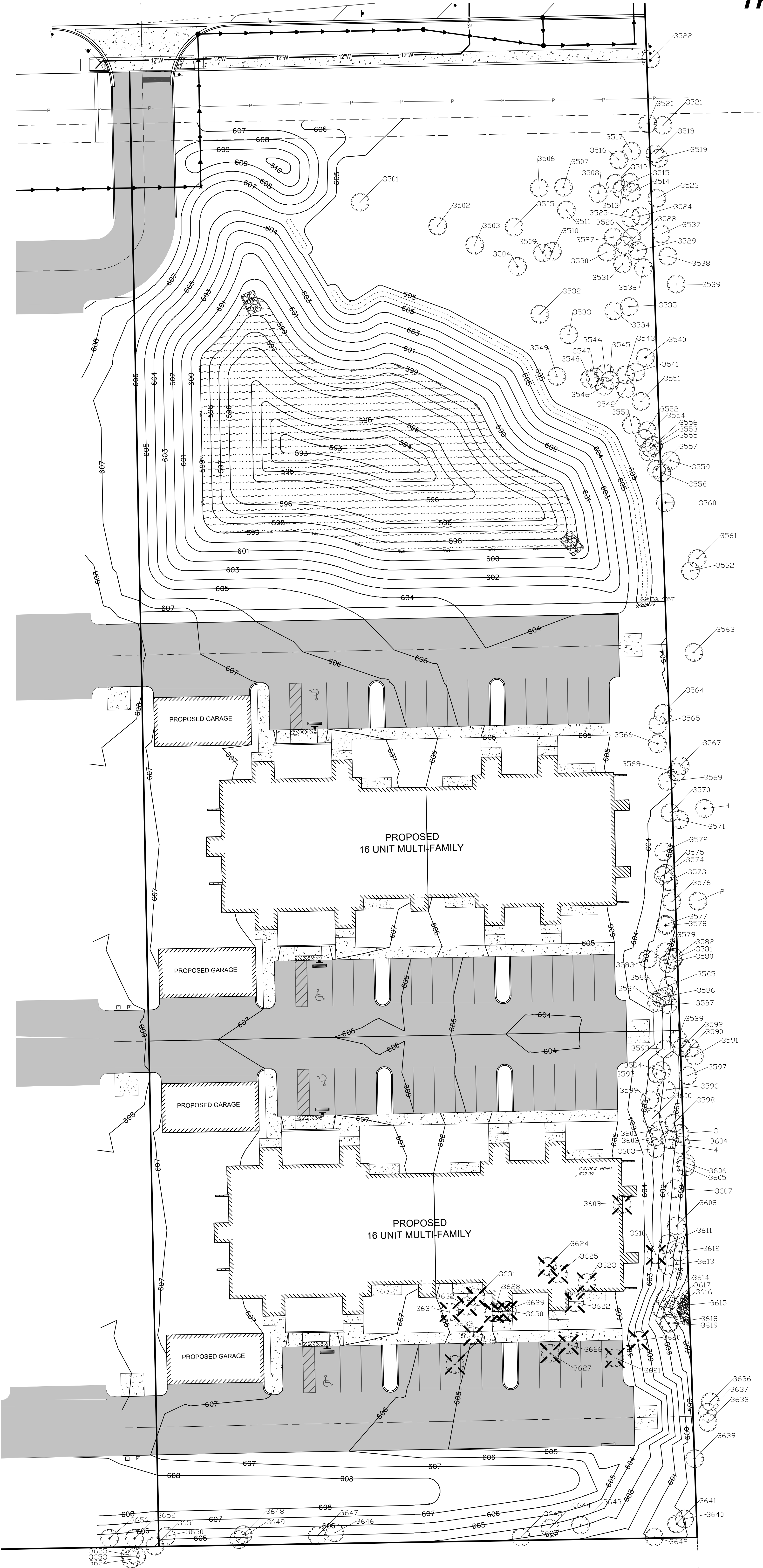


TREE SURVEY EXHIBIT



TREE REPLACEMENT SCHEDULE	
DBH OF REMOVED TREE (IN INCHES)	NUMBER OF REPLACEMENT TREES
4-9	3
10-15	5
16-21	7
22-27	9
28-33	11
34 or GREATER	13

TOTAL NUMBER OF DEAD TREES	15
----------------------------	----



ANY DISCREPANCY IN MEASUREMENT DISCOVERED UPON THE GROUND SHOULD BE PROMPTLY REPORTED TO THE SURVEYOR FOR EXPLANATION OR CORRECTION.
FOR BUILDING LINE AND OTHER RESTRICTIONS NOT SHOWN HEREON REFER TO YOUR ABSTRACT, DEED, CONTRACTS AND ZONING ORDINANCES.

REVISIONS			
No.	DATE	DESCRIPTION	BY
DATE: 9-25-2023		SCALE: 1" = 20'	DRAWN BY: ECH
PREPARED FOR: TALLGRASS ESTATES, L.L.C.		CHECKED BY: JPH	
C/O EDWARD MATTOX		FIELD BOOK:	
1230 W. JEFFERSON STREET		PAGE:	
SHOREWOOD, ILLINOIS 60404		DRAWING NO:	
DRAWING TITLE: TREE SURVEY EXHIBIT		315-0950-E15	
		SHEET 1 OF 2	

- 1) Trees measured at 4.5 ft. above the ground - DBH (diameter Breast Height)
2) All trees 4" DBH and above tagged. Dead trees were tagged for removal. Invasive shrubs were not tagged.
3) Health Rating:

Rating	Description	Criteria
1	Excellent	Less than 10 % dead wood, typical growth for species, no observed defects
2	Good	Less than 20 % dead wood, minor defects, sound structure, no decay
3	Fair	Less than 30 % dead wood, minor crown die-back, minor trunk damage or cavities
4	Fair to Poor	Approximately 30-50 % dead wood, lacking full crown, minor disease evidence, trunk damage
5	Poor	Over 50 % dead wood, lacking full crown, disease or decay evident, structural damage/cavities
6	Dead	Less than 10 % living wood, greater than 50 % missing bark, adventitious growth only, decay

TOTAL TREES REVIEWED: 167

TAG NO.	SCIENTIFIC NAME	COMMON NAME	DBH (inches)	CONDITION	STRUCTURE	HEALTH
3501	<i>Quercus macrocarpa</i>	Bur Oak	26	4 - Fair/Poor	Unbalanced	30 % dead wood, Tip die back
3502	<i>Quercus macrocarpa</i>	Bur Oak	20	4 - Fair/Poor	Unbalanced, Crown Lean, Crowded	20 % dead wood, Tip die back
3503	<i>Quercus macrocarpa</i>	Bur Oak	52	3 - Fair	Unbalanced	20 % dead wood, Trunk Scar, Tip die back
3504	<i>Quercus macrocarpa</i>	Bur Oak	20	3 - Fair	Crown Lean	20 % dead wood, Tip die back
3505	<i>Tilia amerciana</i>	American Basswood	6	3 - Fair	Unbalanced, Crowded	
3506	<i>Tilia amerciana</i>	American Basswood	11	2 - Good	Crowded	
3507	<i>Prunus serotina</i>	Black Cherry	7	4 - Fair/Poor	Crown Lean, Crowded	30 % dead wood
3508	<i>Quercus macrocarpa</i>	Bur Oak	39,30	4 - Fair/Poor	V-shaped joint, Double Leader, Split Risk	Included bark, tip die back
3509	<i>Tilia amerciana</i>	American Basswood	4	4 - Fair/Poor	Crowded	Trunk Scar
3510	<i>Prunus serotina</i>	Black Cherry	7	4 - Fair/Poor	Crowded	40 % dead wood
3511	<i>Prunus serotina</i>	Black Cherry	4	3 - Fair	Crowded	20 % dead wood
3512	<i>Tilia amerciana</i>	American Basswood	4	4 - Fair/Poor	Unbalanced, Crowded	Trunk Scar
3513	<i>Tilia amerciana</i>	American Basswood	9	2 - Good	Unbalanced	
3514	<i>Tilia amerciana</i>	American Basswood	5	3 - Fair	Lean, Crown Lean, Crowded	
3515	<i>Tilia amerciana</i>	American Basswood	4	5 - Poor	Strong lean, Crown Lean, Crowded	
3516	<i>Quercus macrocarpa</i>	Bur Oak	17	3 - Fair	Lean, Crown Lean	10 % dead wood, Minimal tip die back
3517	<i>Prunus serotina</i>	Black Cherry	4	4 - Fair/Poor	Strong lean, Crown Lean	20 % dead wood
3518	<i>Tilia amerciana</i>	American Basswood	5	5 - Poor	Strong lean, Crown Lean, Crowded	20 % dead wood, Trunk Scar
3519	<i>Tilia amerciana</i>	American Basswood	8	4 - Fair/Poor	Lean, Unbalanced	20 % dead wood
3520	<i>Tilia amerciana</i>	American Basswood	4	4 - Fair/Poor	Lean, Crown Lean, Crowded	
3521	<i>Tilia amerciana</i>	American Basswood	8	3 - Fair	Unbalanced, Crown Lean	20 % dead wood
3522	<i>Tilia amerciana</i>	American Basswood	10,5	5 - Poor	Multi Leader, Fused Leaders, Lean	Cavity
3523	<i>Tilia amerciana</i>	American Basswood	8	3 - Fair	Crown Lean	20 % dead wood
3524	<i>Tilia amerciana</i>	American Basswood	6	3 - Fair	Crown Lean	Healed trunk scar
3525	<i>Tilia amerciana</i>	American Basswood	4	3 - Fair	Crown Lean	Healed trunk scar
3526	<i>Tilia amerciana</i>	American Basswood	5	4 - Fair/Poor	Unbalanced, Crown Lean, Crowded	Trunk Scar
3527	<i>Prunus serotina</i>	Black Cherry	7	4 - Fair/Poor	Lean, Crown Lean, Crowded	20 % dead wood
3528	<i>Quercus alba</i>	White Oak	25	2 - Good		20 % dead wood, Response growth
3529	<i>Tilia amerciana</i>	American Basswood	4	3 - Fair	Crown Lean, Crowded	Healing trunk scar
3530	<i>Prunus serotina</i>	Black Cherry	6	5 - Poor	Lean, Unbalanced, Crown Lean	40 % dead wood
3531	<i>Tilia amerciana</i>	American Basswood	8	4 - Fair/Poor	Crowded	
3532	<i>Quercus macrocarpa</i>	Bur Oak	26	3 - Fair		20 % dead wood, Minimal tip die back
3533	<i>Quercus macrocarpa</i>	Bur Oak	32	3 - Fair	Unbalanced	30 % dead wood, Tip die back
3534	<i>Prunus serotina</i>	Black Cherry	4	4 - Fair/Poor	Lean, Crowded	40 % dead wood
3535	<i>Quercus macrocarpa</i>	Bur Oak	22	3 - Fair	Crown Lean	Minimal tip die back, adventitious growth
3536	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor	Lean	20 % dead wood
3537	<i>Tilia amerciana</i>	American Basswood	6	2 - Good	Lean	
3538	<i>Tilia amerciana</i>	American Basswood	4	5 - Poor		50 % dead wood, Dead crown
3539	<i>Tilia amerciana</i>	American Basswood	9	3 - Fair	Lean	20 % dead wood
3540	<i>Quercus macrocarpa</i>	Bur Oak	26	4 - Fair/Poor	Crown Lean	Healed trunk scar, minimal tip die back, adventitious growth
3541	<i>Prunus serotina</i>	Black Cherry	4	4 - Fair/Poor	Lean, Crown Lean	20 % dead wood
3542	<i>Prunus serotina</i>	Black Cherry	5	5 - Poor	Strong lean	>50 % dead wood
3543	<i>Prunus serotina</i>	Black Cherry	5	5 - Poor	Strong lean	>50 % dead wood
3544	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor	Strong lean	30 % dead wood
3545	<i>Prunus serotina</i>	Black Cherry	4	4 - Fair/Poor	Lean	40 % dead wood
3546	<i>Prunus serotina</i>	Black Cherry	6	5 - Poor	Strong lean	50 % dead wood
3547	<i>Prunus serotina</i>	Black Cherry	7	4 - Fair/Poor	Lean	30 % dead wood
3548	<i>Prunus serotina</i>	Black Cherry	4	5 - Poor	Strong lean	>50 % dead wood
3549	<i>Prunus serotina</i>	Black Cherry	4	5 - Poor	Strong lean	>50 % dead wood, Oozing
3550	<i>Prunus serotina</i>	Black Cherry	8	5 - Poor	Lean, Crown Lean	>50 % dead wood
3551	<i>Prunus serotina</i>	Black Cherry	5	4 - Fair/Poor	Lean	40 % dead wood
3552	<i>Tilia amerciana</i>	American Basswood	10	2 - Good	Unbalanced	
3553	<i>Prunus serotina</i>	Black Cherry	10	4 - Fair/Poor	Lean	30 % dead wood
3554	<i>Prunus serotina</i>	Black Cherry	4	4 - Fair/Poor	Strong lean, Crown Lean	30 % dead wood
3555	<i>Ulmus americana</i>	American Elm	16	4 - Fair/Poor	Unbalanced	40 % dead wood, Trunk Scar
3556	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor		30 % dead wood
3557	<i>Prunus serotina</i>	Black Cherry	8	4 - Fair/Poor	Split Risk, Unbalanced	40 % dead wood, Cavity
3558	<i>Prunus serotina</i>	Black Cherry	7	4 - Fair/Poor	Lean	40 % dead wood
3559	<i>Prunus serotina</i>	Black Cherry	4	6 - Dead		
3560	<i>Prunus serotina</i>	Black Cherry	10	4 - Fair/Poor	Crown Lean	40 % dead wood, Vines
3561	<i>Carya ovata</i>	Shagbark Hickory	22	2 - Good	Slight lean	Grown around barbed wire
3562	<i>Ulmus americana</i>	American Elm	7	4 - Fair/Poor	Crown Lean	Adventitious Growth
3563	<i>Carya ovata</i>	Shagbark Hickory	20	2 - Good		Grown around barbed wire
3564	<i>Ulmus americana</i>	American Elm	10	3 - Fair		10 % dead wood, Fungus
3565	<i>Ulmus americana</i>	American Elm	7	4 - Fair/Poor	Unbalanced, Crowded	30 % dead wood
3566	<i>Ulmus americana</i>	American Elm	4	4 - Fair/Poor	V-shaped joint, Double Leader, Fused Leaders, Unbalanced	10 % dead wood
3567	<i>Prunus serotina</i>	Black Cherry	8	4 - Fair/Poor	Strong lean	30 % dead wood, Vines
3568	<i>Prunus serotina</i>	Black Cherry	10	6 - Dead		
3569	<i>Prunus serotina</i>	Black Cherry	9	4 - Fair/Poor	Lean, Crown Lean	20 % dead wood
3570	<i>Prunus serotina</i>	Black Cherry	6	5 - Poor	Strong lean, Crown Lean	
3571	<i>Prunus serotina</i>	Black Cherry	7	6 - Dead		
3572	<i>Quercus rubra</i>	Red Oak	10	4 - Fair/Poor	Unbalanced, Crowded	
3573	<i>Prunus serotina</i>	Black Cherry	6	6 - Dead		
3574	<i>Prunus serotina</i>	Black Cherry	8	4 - Fair/Poor	Lean, Unbalanced, Crown Lean	30 % dead wood
3575	<i>Prunus serotina</i>	Black Cherry	10	4 - Fair/Poor	Strong lean, Unbalanced, Crown Lean, Crowded	
3576	<i>Juglans nigra</i>	Black Walnut	15	3 - Fair	Unbalanced	
3577	<i>Quercus macrocarpa</i>	Bur Oak	4	3 - Fair	Unbalanced, Crown Lean, Crowded	
3578	<i>Prunus serotina</i>	Black Cherry	10	4 - Fair/Poor	Lean, Unbalanced, Crowded	30 % dead wood, Trunk Scar
3579	<i>Prunus serotina</i>	Black Cherry	6	6 - Dead		
3580	<i>Prunus serotina</i>	Black Cherry	4	6 - Dead		
3581	<i>Prunus serotina</i>	Black Cherry	4	6 - Dead		
3582	<i>Prunus serotina</i>	Black Cherry	4	6 - Dead		
3583	<i>Prunus serotina</i>	Black Cherry	5	5 - Poor	Strong lean	
3584	<i>Celtis occidentalis</i>	Hackberry	4	3 - Fair	Crown Lean, Crowded	
3585	<i>Quercus macrocarpa</i>	Bur Oak	32	3 - Fair	Unbalanced	30 % dead wood, Cavity, Minimal tip die back
3586	<i>Prunus serotina</i>	Black Cherry	4	4 - Fair/Poor	Crown Lean	40 % dead wood
3587	<i>Prunus serotina</i>	Black Cherry	4	5 - Poor	Strong lean	40 % dead wood
3588	<i>Crataegus mollis</i>	Hawthorn	2,2	4 - Fair/Poor	Crown Lean	20 % dead wood
3589	<i>Quercus macrocarpa</i>	Bur Oak	12	3 - Fair	Unbalanced	10 % dead wood
3590	<i>Prunus serotina</i>	Black Cherry	7	5 - Poor		>50 % dead wood
3591	<i>Prunus serotina</i>	Black Cherry	4	6 - Dead		
3592	<i>Prunus serotina</i>	Black Cherry	5	6 - Dead		
3593	<i>Prunus serotina</i>	Black Cherry	9	4 - Fair/Poor	Strong lean	30 % dead wood
3594	<i>Prunus serotina</i>	Black Cherry	9	4 - Fair/Poor	Strong lean	30 % dead wood
3595	<i>Quercus rubra</i>	Red Oak	7	4 - Fair/Poor	Unbalanced, Crown Lean	10 % dead wood
3596	<i>Ulmus americana</i>	American Elm	6	4 - Fair/Poor	Unbalanced, Crown Lean, Crowded	
3597	<i>Prunus serotina</i>	Black Cherry	3	4 - Fair/Poor	Lean	20 % dead wood
3598	<i>Quercus macrocarpa</i>	Bur Oak	20	3 - Fair	Unbalanced, Crown Lean	10 % dead wood
3599	<i>Prunus serotina</i>	Black Cherry	5	5 - Poor	Unbalanced, Crown Lean, Crowded	Trunk Scar
3600	<i>Prunus serotina</i>	Black Cherry	6	5 - Poor	Strong lean	>50 % dead wood
3601	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor	Unbalanced, Crown Lean, Crowded	30 % dead wood
3602	<i>Prunus serotina</i>	Black Cherry	4	6 - Dead		
3603	<i>Prunus serotina</i>	Black Cherry	5	5 - Poor	Strong lean	30 % dead wood, Cavity, Sawdust
3604	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor	Crown Lean	20 % dead wood
3605	<i>Celtis occidentalis</i>	Hackberry	3	3 - Fair	Unbalanced, Crown Lean, Crowded	
3606	<i>Celtis occidentalis</i>	Hackberry	9	3 - Fair	Unbalanced, Crowded	20 % dead wood
3607	<i>Celtis occidentalis</i>	Hackberry	11	2 - Good	Unbalanced	
3608	<i>Quercus macrocarpa</i>	Bur Oak	13	2 - Good	Unbalanced	20 % dead wood
3609	<i>Ulmus americana</i>	American Elm	4	3 - Fair	Unbalanced	20 % dead wood
3610	<i>Quercus rubra</i>	Red Oak	18	2 - Good	Crown Lean	20 % dead wood
3611	<i>Quercus macrocarpa</i>	Bur Oak	7	2 - Good	Crown Lean	
3612	<i>Carya ovata</i>	Shagbark Hickory	11	2 - Good	Crown Lean	Adventitious Growth
3613	<i>Prunus serotina</i>	Black Cherry	11	5 - Poor		>50 % dead wood
3614	<i>Celtis occidentalis</i>	Hackberry	13	2 - Good	Unbalanced	
3615	<i>Celtis occidentalis</i>	Hackberry	4	6 - Dead		
3616	<i>Celtis occidentalis</i>	Hackberry	8	3 - Fair	Lean, Unbalanced, Dead leaning on	
3617	<i>Unknown</i>	Unknown	7	6 - Dead		
3618	<i>Celtis occidentalis</i>	Hackberry	5	4 - Fair/Poor	Crowded	20 % dead wood
3619	<i>Celtis occidentalis</i>	Hackberry	8	3 - Fair	Unbalanced	20 % dead wood
3620	<i>Quercus macrocarpa</i>	Bur Oak	10	2 - Good	Slightly unbalanced	
3621	<i>Crataegus mollis</i>	Hawthorn	5,3	3 - Fair	V-shaped joint, Double Leader	20 % dead wood
3622	<i>Morus alba</i>	White Mulberry	6,5	5 - Poor	Crowded	30 % dead wood
3623	<i>Morus alba</i>	White Mulberry	30	4 - Fair/Poor	V-shaped joint, Multi Leader, Crowded	
3624	<i>Ulmus americana</i>	American Elm	4	3 - Fair	Crowded	30 % dead wood
3625	<i>Quercus macrocarpa</i>	Bur Oak	15	2 - Good		20 % dead wood
3626	<i>Ulmus americana</i>	American Elm	3	4 - Fair/Poor	Crown Lean, Crowded	20 % dead wood
3627	<i>Prunus serotina</i>	Black Cherry	12,12	5 - Poor	V-shaped joint, Double Leader	>50 % dead wood, Cavity, Peeling Bark
3628	<i>Quercus macrocarpa</i>	Bur Oak	18	2 - Good		20 % dead wood
3629	<i>Morus alba</i>	White Mulberry	15	4 - Fair/Poor	V-shaped joint, Double Leader, Unbalanced, Crowded	
3630	<i>Morus alba</i>	White Mulberry	3	4 - Fair/Poor	Crown Lean	Vines
3631	<i>Morus alba</i>	White Mulberry	14,8	4 - Fair/Poor	V-shaped joint, Multi Leader, Crowded	
3632	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor	Strong lean, Crown Lean, Crowded	40 % dead wood, Cavity
3633	<i>Juglans nigra</i>	Black Walnut	10	2 - Good	Unbalanced	20 % dead wood
3634	<i>Celtis occidentalis</i>	Hackberry	4	3 - Fair	Unbalanced	
3635	<i>Morus alba</i>	White Mulberry	14	4 - Fair/Poor	V-shaped joint	30 % dead wood
3636	<i>Carya ovata</i>	Shagbark Hickory	9	3 - Fair	Lean, Unbalanced	
3637	<i>Quercus macrocarpa</i>	Bur Oak	13	2 - Good		20 % dead wood
3638	<i>Carya ovata</i>	Shagbark Hickory	6,5	4 - Fair/Poor	V-shaped joint, Split Risk, Lean	
3639	<i>Quercus rubra</i>	Red Oak	20	3 - Fair		30 % dead wood
3640	<i>Quercus rubra</i>	Red Oak	8	3 - Fair	Crown Lean	20 % dead wood
3641	<i>Carya ovata</i>	Shagbark Hickory	12	2 - Good		
3642	<i>Quercus macrocarpa</i>	Bur Oak	16	3 - Fair	Crown Lean	
3643	<i>Prunus serotina</i>	Black Cherry	10	3 - Fair	Lean	20 % dead wood
3644	<i>Prunus serotina</i>	Black Cherry	16	3 - Fair		20 % dead wood
3645	<i>Prunus serotina</i>	Black Cherry	22	4 - Fair/Poor	Lean	30 % dead wood
3646	<i>Ulmus americana</i>	American Elm	14,14	4 - Fair/Poor	V-shaped joint, Double Leader	40 % dead wood
3647	<i>Celtis occidentalis</i>	Hackberry	23	4 - Fair/Poor		30 % dead wood, Cavity, Trunk Scar, Sparse leaf out
3648	<i>Crataegus mollis</i>	Hawthorn	20	4 - Fair/Poor	V-shaped joint, Lean, Crowded	20 % dead wood
3649	<i>Unknown</i>	Unknown	12	6 - Dead		
3650	<i>Morus alba</i>	White Mulberry	30	5 - Poor	V-shaped joint, Multi Leader	30 % dead wood, Dead Limbs
3651	<i>Celtis occidentalis</i>	Hackberry	6	3 - Fair	Lean	20 % dead wood
3652	<i>Celtis occidentalis</i>	Hackberry	6	3 - Fair	Lean	20 % dead wood
3653	<i>Celtis occidentalis</i>	Hackberry	9	3 - Fair	Lean, Crown Lean	20 % dead wood
3654	<i>Celtis occidentalis</i>	Hackberry	6	4 - Fair/Poor	Crown Lean	20 % dead wood
3655	<i>Celtis occidentalis</i>	Hackberry	8	4 - Fair/Poor	Crown Lean	20 % dead wood, Vines
3656	<i>Celtis occidentalis</i>	Hackberry	14	4 - Fair/Poor	Crown Lean	20 % dead wood
3657	<i>Celtis occidentalis</i>	Hackberry	14	3 - Fair	Unbalanced, Crowded	Vines
3658	<i>Celtis occidentalis</i>	Hackberry	20	3 - Fair	Broken Limb	20 % dead wood
3659	<i>Prunus serotina</i>	Black Cherry	8	6 - Dead		
3660	<i>Celtis occidentalis</i>	Hackberry	6	3 - Fair	Unbalanced, Crown Lean	Leaf galls
3661	<i>Acer negundo</i>	Box Elder	4	4 - Fair/Poor	Crown Lean	Vines overtaking
3662	<i>Celtis occidentalis</i>	Hackberry	8	3 - Fair		Leaf galls, vines
3663	<i>Crataegus mollis</i>	Hawthorn	8	5 - Poor	V-shaped joint, Double Leader, Split Risk, Lean	Cavity, Vines
1	<i>Quercus macrocarpa</i>	Bur Oak	27	3 - Fair		20 % dead wood
2	<i>Quercus rubra</i>	Red Oak	8	2 - Good		
3	<i>Quercus macrocarpa</i>	Bur Oak	20	2 - Good	Unbalanced, Crown Lean	20 % dead wood
4	<i>Quercus macrocarpa</i>	Bur Oak	32,22	3 - Fair	Double Leader, Lean	30 % dead wood, Included bark

TREE REPLACEMENT SCHEDULE	
DBH OF REMOVED TREE (IN INCHES)	NUMBER OF REPLACEMENT TREES
4-9	3
10-15	5
16-21	7
22-27	9
28-33	11
34 or GREATER	13

TOTAL NUMBER OF DEAD TREES	15
----------------------------	----

- 1) Trees measured at 4.5 ft. above the ground - DBH (diameter Breast Height)
2) All trees 4" DBH and above tagged. Dead trees were tagged for removal. Invasive shrubs were not tagged.
3) Health Rating:

Rating	Description	Criteria
1	Excellent	Less than 10 % dead wood, typical growth for species, no observed defects
2	Good	Less than 20 % dead wood, minor defects, sound structure, no decay
3	Fair	Less than 30 % dead wood, minor crown die-back, minor trunk damage or cavities
4	Fair to Poor	Approximately 30-50 % dead wood, lacking full crown, minor disease evidence, trunk damage
5	Poor	Over 50 % dead wood, lacking full crown, disease or decay evident, structural damage/cavities
6	Only decay	Less than 10 % living wood, greater than 50% missing bark, adventitious growth only/decay