



2060 DUNDAS STREET
LONDON, ONTARIO
TREE ASSESSMENT REPORT
FOR REZONING APPLICATION

D BY: RON KOUDYS LANDSCAPE
ARCHITECTS INC

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1.0 INTRODUCTION AND EXECUTIVE SUMMARY

1.1 INTRODUCTION

Ron Koudys Landscape Architects Inc. (RKLA) was retained to execute a tree inventory and assessment in conjunction with the proposed development at 2060 Dundas Street, London Ontario. The intent of this report is to provide the findings of the tree inventory/assessment and make recommendations regarding tree preservation and removal based on the current site plan for the purpose of application for rezoning.

Note that refinement of these recommendations will be made at the time of application for site plan approval.

1.2 EXECUTIVE SUMMARY

The inventory captured 561 individual trees. Trees were identified within the subject site and within 3 meters of the legal property boundary. No species classified as endangered, threatened, or at risk under the Ontario Endangered Species Act, 2007, S.O. 2007, c. 6 were observed during the tree inventory. All trees observed are common to the current land uses and can be characterized as native or naturalized. A large portion of the subject site is within a City of London Tree Protection Area. The site plan has been revised, and additional lands to the south obtained, to reduce impacts to the existing trees.

Required tree removal has been significantly reduced from the previous site plan layout:

Previous site plan impacts to trees:

- Total quantity of trees to be removed: 446
- Aggregate DBH of trees to be removed: 11,770cm DBH

Current site plan impacts to trees:

- Total quantity of trees to be removed: 207
- Aggregate DBH of trees to be removed: 5,383cm DBH

**** note that dead trees or trees with poor structural integrity were excluded from the aggregate DBH calculation****

1.2.1 TREE SPECIES COMPOSITION

The following chart summarizes the amount of each tree species observed.

%	Qty	Botanical Name	Common Name
59.5%	334	Populus deltoides	Cottonwood
17.1%	96	Robinia pseudoacacia	Black Locust
10.2%	57	Acer saccharinum	Silver Maple
6.1%	34	Fraxinus spp	Ash
4.1%	23	Acer negundo	Manitoba Maple
1.1%	6	Juglans nigra	Black Walnut
0.5%	3	Ulmus pumila	Siberian Elm
0.4%	2	Morus alba	Mulberry
0.4%	2	Salix spp	Willow
0.4%	2	Unknown Deciduous Tree	Unknown
0.2%	1	Pinus sylvestris	Scotch Pine
0.2%	1	Prunus spp	Cherry
100.0%	561	Total	

1.2.2 TREE REMOVAL AND PRESERVATION RECOMMENDATIONS CHART

Based on the current site plan, we offer the following tree preservation and removal recommendations categorized into location/ownership.

	Subject Site	Boundary b/w Subject Site & Adjacent Private Property	Adjacent Private Property	Future Sydorko Road	Total
To be Removed	162		5	40	207
To be Preserved	328	6	17	3	354

1.2.3 TREE REMOVAL AND PRESERVATION RECOMMENDATIONS

- Refine tree recommendations at time of application for Site Plan Approval.
- Acquire necessary consent to remove trees from neighbouring land owners at time of application for Site Plan Approval (5 trees).
- Current recommendations include the removal of 207 trees, and the preservation of 354 trees.
- Tree preservation fencing has been noted on the tree preservation drawings - location of fencing to be confirmed at time of application for Site Plan Approval.
- Follow pre, during, and post construction recommendations outlined in Construction Impact Mitigation Recommendations in this report.

2.0 SUBJECT LANDS AND SCOPE OF TREE INVENTORY

The subject lands are a severed portion of 2060 Dundas Street, London Ontario. The scope of the tree inventory and assessment extends beyond the property boundary to include a strip of land that extends south from the subject lands to Dundas Street - labelled as 'future Sydorko Rd' on the tree preservation plan. Refer to Figure 1 for scope of tree inventory.

The subject lands are nearly entirely within a City of London defined tree protection area. MTE Consultants Inc. is preparing an EIS associated with this project, and should be read in conjunction with this report.

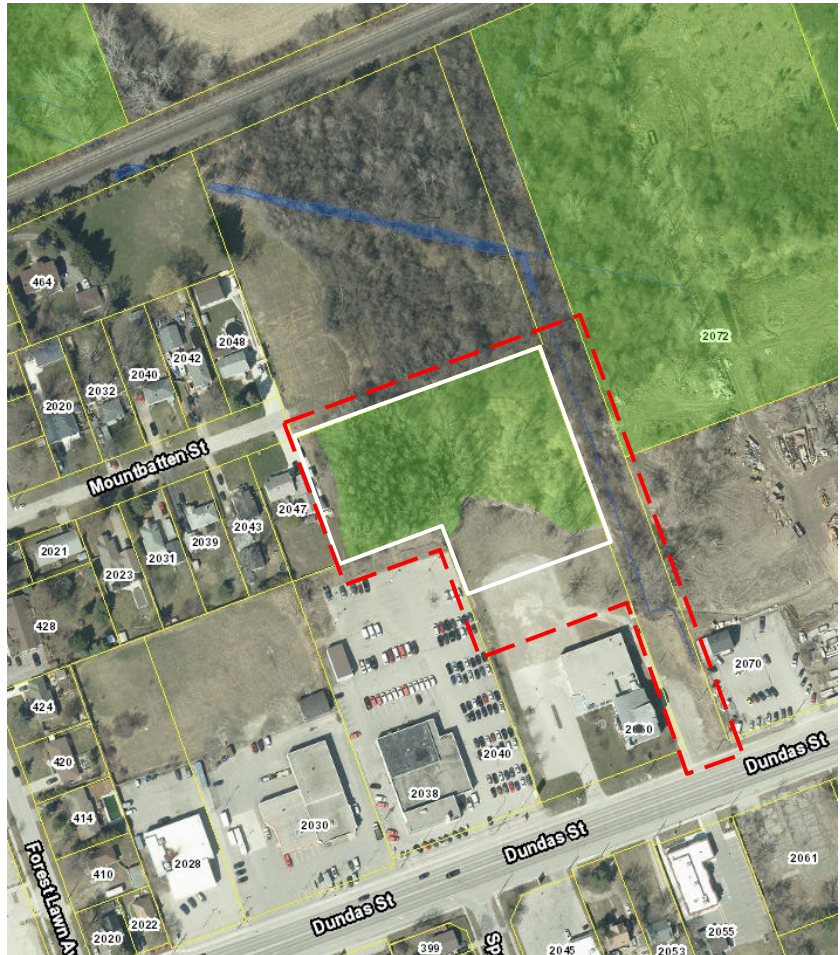


Figure 1 - Image capture from City of London mapping with 2020 imagery
White line - subject site
Red dashed line - scope of tree inventory

3.0 METHODOLOGY

Field work was completed in March 2021 and November 2021 by RKLA staff member Michelle Peeters, ISA certified arborist ON 2129A and support staff. Trees within the scope of inventory with a minimum DBH of 10cm were assessed and tagged with metal tree tags numbered 501 - 1055 and 1357 - 1362 (for a total of 561 trees). Trees were tagged in the field to facilitate the execution of a topographic survey. Because the initial inventory and assessment was conducted in March (prior to bud break), a second site review was conducted on July 12 to confirm tree canopy health.

The following information was recorded for each individual tree:

- Genus + specific epithet (Species)
- Diameter at breast height (DBH) (centimetres)
- Crown radius (metres)
- Structural Form (excellent, good, fair, poor)
- Structural Condition (good, fair, poor, hazard)
- General Comments

3.1 HEALTH ASSESSMENT

Trees were assessed following accepted arboricultural techniques and best practices using a limited visual inspection. The inspection included a 360 degree visual examination of the above-ground parts of each tree for structural defects including cavities, wounds, scars, external indicators of internal decay, evidence of insect presence, canopy and root distribution, and the overall condition of the tree. Evaluation of tree health was based on visible tree health indicators including live buds, deadwood, structural defects, form, and signs of disease or insect infestation. Quantified health assessments included in the inventory are explained here:

Crown Condition Assessment

- 5 Healthy: less than 10% crown decline
- 4 Slight decline: 11% - 30% crown decline
- 3 Moderate decline: 31% - 60% crown decline
- 2 Severe decline: 61% - 90% crown decline
- 1 Dead - No visible indication of living foliage or buds in crown

Structural Form Assessment

- Excellent: An ideal expression of a specific tree species, true to form, balanced canopy, good flare, typical internode length, full crown, etc.
- Good: A satisfactory and generally expected expression of a specific tree species, with only minor or typical variances from an ideal form.
- Fair: Nearly satisfactory, with defects or a combination of defects such as codominant leaders, unbalanced crown, poor/no flare, shortened internodes, has been poorly pruned, etc.
- Poor: Significantly flawed expression of a specific tree species

Structural Integrity Assessment

- Good: Defects if present are minor (e.g. twig dieback, small wounds); defective tree part is small (e.g. 5-8 cm diameter limb) providing little if any risk.
- Fair: Defects are numerous or significant (e.g. dead scaffold limbs); defective parts are moderate in size (e.g. limb greater than 5-8 cm in diameter).
- Poor: Defects are severe (trunk cavity in excess of 50%); defective parts are large (e.g. majority of crown).
- Hazard: Defects are severe and acute; defective part or collective defective parts render the tree a high risk threat to potential targets.

3.2 CRITICAL ROOT ZONES AND TREE PRESERVATION BARRIERS

The critical root zone of a tree is the portion of the root system that is the minimum necessary to maintain tree vitality and stability. Critical root zones are commonly prescribed by municipal bylaws based solely on DBH and/or drip line, and are typically expressed as a circular shape around the tree. There are a number of other factors, however, that are considered when establishing a critical root zone.

Factors that inform location and extent of a tree preservation barriers to protect the critical root zone include: species tolerance to root loss and other construction impacts (as established by authoritative resources and professional experience), tree

trunk size (DBH), tree health and vigour, structural condition, landscape context, soil type, moisture availability, topography, ground cover, crown size (drip line) and balance, current physical root restrictions, visible root arrangement, relationship to neighbouring trees, relationship between tree and proposed construction, type of proposed construction, etc.

Critical root zones will be protected in the field with tree preservation barriers.

4.0 TREE INVENTORY AND ASSESSMENT DATA

The following recommendations are based on requirements of the current site plan. Grey indicates recommended removal.

ID #	BOTANICAL NAME	COMMON NAME	LOCATION	DBH (cm)	CANOPY RADIUS (m)	CROWN CONDITION	STRUCTURAL FORM	STRUCTURAL INTEGRITY	COMMENTS	EXPECTED CONSTRUCTION IMPACT (CRZ = critical root zone)	PRESERVE REMOVE	NOTES
501	<i>Populus deltoides</i>	Cottonwood	2038 Dundas St	42	5	5	good	good	SW edge of woodlot	none	preserve	
502	<i>Populus deltoides</i>	Cottonwood	Subject site	13	3	5	good	good	Slightly bowed trunk to south	none	preserve	
503	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	4	fair	fair	Diminished leader, vines into crown	none	preserve	
504	<i>Acer saccharinum</i>	Silver Maple	Subject site	11	3	5	good	good	Low branched	none	preserve	
505	<i>Acer saccharinum</i>	Silver Maple	Subject site	27	4.5	4	fair	fair	Codominant leaders	none	preserve	
506	<i>Acer saccharinum</i>	Silver Maple	Subject site	14	3	5	good	good	Crooky trunk	none	preserve	
507	<i>Acer saccharinum</i>	Silver Maple	Subject site	10	2	5	good	good	Upper trunk bends south	none	preserve	
508	<i>Populus deltoides</i>	Cottonwood	BOUNDARY subject site & 2038 Dundas st	28	5	5	good	good	Slightly bowed trunk to south	none	preserve	
509	<i>Populus deltoides</i>	Cottonwood	BOUNDARY subject site & 2038 Dundas st	38	5	5	good	good	Southern edge	none	preserve	
510	<i>Populus deltoides</i>	Cottonwood	2038 Dundas St	15	4	5	good	good	Understory	none	preserve	
511	<i>Populus deltoides</i>	Cottonwood	BOUNDARY subject site & 2038 Dundas st	42	5	5	good	good	Southern edge	none	preserve	
512	<i>Populus deltoides</i>	Cottonwood	BOUNDARY subject site & 2038 Dundas st	43, 22	6	4	good	fair	Multistem 2	none	preserve	
513	<i>Populus deltoides</i>	Cottonwood	2038 Dundas St	29, 25	5	5	good	good	Multistem 2, 1 trunk lean east, primary union below grade	none	preserve	
514	<i>Acer saccharinum</i>	Silver Maple	Subject site	20	3	5	good	good	Full form	none	preserve	
515	<i>Populus deltoides</i>	Cottonwood	2038 Dundas St	23, 17	6	4	good	good	Multistem 2, dead lower branches	+10% of CRZ expected to be impacted	preserve	
516	<i>Populus deltoides</i>	Cottonwood	Subject site	30	6	4	good	good	Dead lower branches	direct conflict with site	remove	

											construction		
517	<i>Fraxinus spp</i>	Ash	Subject site	<10	3	2	poor	poor	Multistem >10, Emerald Ash Borer, stems are suckers only	direct conflict with site construction	remove		
518	<i>Populus deltoides</i>	Cottonwood	Subject site	49	5	5	good	good	Southern edge	direct conflict with site construction	remove		
519	<i>Populus deltoides</i>	Cottonwood	Subject site	71, 26	6	4	fair	fair	Multistem 2, 3 leaders, included bark at primary union, significant wound wood near primary union	direct conflict with site construction	remove		
520	<i>Populus deltoides</i>	Cottonwood	Subject site	52, 40	6	4	good	good	Multistem 2, minor dead wood, on mound	direct conflict with site construction	remove		
521	<i>Populus deltoides</i>	Cottonwood	Subject site	32	5	4	good	good	On mound, slight lean NE, minor dead wood	direct conflict with site construction	remove		
522	<i>Populus deltoides</i>	Cottonwood	Subject site	27	3	5	good	good	Southern edge	conflict with site construction	remove		
523	<i>Populus deltoides</i>	Cottonwood	Subject site	36, 31	4	4	good	good	Multistem 2, minor dead wood, primary union below grade	conflict with site construction	remove		
524	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	5	fair	good	Slight trunk bend south	none	preserve		
525	<i>Populus deltoides</i>	Cottonwood	Subject site	22	5	5	fair	fair	30 degree bend south to edge of woodlot	none	preserve		
526	<i>Populus deltoides</i>	Cottonwood	Subject site	32, 22, 21, 20	5	5	good	good	Multistem 4, included bark at primary union	none	preserve		
527	<i>Populus deltoides</i>	Cottonwood	Subject site	26	2	5	fair	good	Narrow crown	none	preserve		
528	<i>Fraxinus spp</i>	Ash	Subject site	11	2	2	poor	poor	Visible Emerald Ash Borer galleries, most of canopy is epicormic growth	none	preserve		
529	<i>Acer saccharinum</i>	Silver Maple	Subject site	16, 10	4	5	fair	fair	Multistem 2, included bark at primary union, low branched	none	preserve		
530	<i>Acer saccharinum</i>	Silver Maple	Subject site	14	3	5	good	good	Supressed	none	preserve		
531	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	4	fair	good	Slight bend south, small crown	none	preserve		
532	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	4	fair	good	Slight bend south, small crown	none	preserve		
533	<i>Acer saccharinum</i>	Silver Maple	Subject site	10, 7	3	5	good	good	Multi stem 2, primary union at grade	none	preserve		
534	<i>Fraxinus spp</i>	Ash	Subject site	12	3	2	fair	poor	Emerald Ash Borer galleries visible, bark splitting, minimal living canopy	none	preserve		
535	<i>Acer saccharinum</i>	Silver Maple	Subject site	14	4	5	good	good	Low branched	none	preserve		
536	<i>Acer saccharinum</i>	Silver Maple	Subject site	16	4	5	good	good	Low branched	none	preserve		
537	<i>Populus deltoides</i>	Cottonwood	Subject site	15	1.5	5	good	good	Trunk lean south	none	preserve		
538	<i>Populus deltoides</i>	Cottonwood	Subject site	36	5	5	good	good	Canopy heavy south	none	preserve		
539	<i>Populus deltoides</i>	Cottonwood	Subject site	27	6	5	good	good	Canopy heavy south	none	preserve		
540	<i>Populus deltoides</i>	Cottonwood	Subject site	32	6	5	good	good	Dense crown	none	preserve		
541	<i>Acer saccharinum</i>	Silver Maple	Subject site	14, 7, 3	4	5	fair	fair	Multistem 3, spiraling stems, low branched, supressed	none	preserve		

542	<i>Populus deltoides</i>	Cottonwood	Subject site	62, 41	8	5	good	good	Multistem 2	none	preserve	
543	<i>Populus deltoides</i>	Cottonwood	Subject site	29	5	5	good	good	Slight bend north west	none	preserve	
544	<i>Populus deltoides</i>	Cottonwood	Subject site	25	4	5	good	good	Slight bend north west	none	preserve	
545	<i>Populus deltoides</i>	Cottonwood	Subject site	46	6	4	good	good	1 dead low scaffold branch	none	preserve	
546	<i>Populus deltoides</i>	Cottonwood	Subject site	48	6	5	good	good	Canopy heavy north	none	preserve	
547	<i>Populus deltoides</i>	Cottonwood	Subject site	44	6	5	good	good		none	preserve	
548	<i>Populus deltoides</i>	Cottonwood	Subject site	34	6	5	good	good	Slight bend and lean south	none	preserve	
549	<i>Populus deltoides</i>	Cottonwood	Subject site	17	6	5	fair	fair	Bend and lean south	none	preserve	
550	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	4	good	good	Sparse crown	none	preserve	
551	<i>Populus deltoides</i>	Cottonwood	Subject site	19	6	4	good	good	Trunk bend south, tree fort in tree	none	preserve	
552	<i>Populus deltoides</i>	Cottonwood	Subject site	29	3	4	good	good	Tree fort in tree	none	preserve	
553	<i>Populus deltoides</i>	Cottonwood	Subject site	30, 25, 20, 18	4	4	good	good	Multistem 4, primary union at grade, tree fort in tree	none	preserve	
554	<i>Populus deltoides</i>	Cottonwood	Subject site	15	2	4	fair	fair	Bark sloughing, tree fort in tree	none	preserve	
555	<i>Populus deltoides</i>	Cottonwood	Subject site	34	3	4	good	fair	Nearly sealed vertical wound, tree fort in tree	none	preserve	
556	<i>Acer saccharinum</i>	Silver Maple	Subject site	10	3	5	good	good	Low branched	none	preserve	
557	<i>Populus deltoides</i>	Cottonwood	Subject site	28	3	4	good	good	Dead lower branches	none	preserve	
558	<i>Populus deltoides</i>	Cottonwood	Subject site	29	3	5	good	good	Quality specimen	none	preserve	
559	<i>Populus deltoides</i>	Cottonwood	Subject site	28	4	5	good	good	Quality specimen	none	preserve	
560	<i>Populus deltoides</i>	Cottonwood	Subject site	22	4	5	good	good	Slight bend south	none	preserve	
561	<i>Populus deltoides</i>	Cottonwood	Subject site	21	3	5	good	good	Moss on trunk, minor bark loss	none	preserve	
562	<i>Acer saccharinum</i>	Silver Maple	Subject site	11	3	5	good	good	Low branched	none	preserve	
563	<i>Populus deltoides</i>	Cottonwood	Subject site	11	3	2	fair	fair	Nearly dead	none	preserve	
564	<i>Populus deltoides</i>	Cottonwood	Subject site	17	2	2	fair	poor	Basal rot	none	preserve	
565	<i>Populus deltoides</i>	Cottonwood	Subject site	33, 28, 22	7	5	good	fair	Multistem 3, primary union at grade	none	preserve	
566	<i>Populus deltoides</i>	Cottonwood	Subject site	22	2	5	good	good	Narrow crown	none	preserve	
567	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	5	poor	fair	Bent leader, crown primarily epicormic growth	none	preserve	
568	<i>Populus deltoides</i>	Cottonwood	Subject site	27	3	5	good	good	Narrow crown	none	preserve	
569	<i>Populus deltoides</i>	Cottonwood	Subject site	21	2	5	good	good	Narrow crown	none	preserve	
570	<i>Acer saccharinum</i>	Silver Maple	Subject site	15	3	5	good	good	Low branched	none	preserve	

571	<i>Populus deltoides</i>	Cottonwood	Subject site	28	5	5	good	good	Slight bend to south	none	preserve	
572	<i>Populus deltoides</i>	Cottonwood	Subject site	30	4	5	good	fair	Subdominant leader	none	preserve	
573	<i>Populus deltoides</i>	Cottonwood	Subject site	30	3	5	good	good	Minor dead wood	none	preserve	
574	<i>Populus deltoides</i>	Cottonwood	Subject site	33, 15	5	4	good	fair	Multistem 2, 15cm dia stem is dead	none	preserve	
575	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	4	good	good	Sparse crown	none	preserve	
576	<i>Populus deltoides</i>	Cottonwood	Subject site	23	2	5	good	good	East edge of woodlot	none	preserve	
577	<i>Populus deltoides</i>	Cottonwood	Subject site	26	3	5	good	good	Slight lean east	none	preserve	
578	<i>Populus deltoides</i>	Cottonwood	Subject site	21	3	5	good	good	Canopy heavy south	+ - 20% of CRZ expected to be removed	preserve	
579	<i>Populus deltoides</i>	Cottonwood	Subject site	21	3	5	good	good	Canopy heavy south	+ - 10% of CRZ expected to be removed	preserve	
580	<i>Populus deltoides</i>	Cottonwood	Subject site	10	3	4	fair	good	Sparse crown, trunk bend south east	none	preserve	
581	<i>Populus deltoides</i>	Cottonwood	Subject site	26, 21	4	5	good	good	Multistem 2, primary union below grade	< 5% of CRZ expected to be removed	preserve	
582	<i>Populus deltoides</i>	Cottonwood	Subject site	19, 14, 3	3	4	fair	fair	Multistem 3, 14cn dia stem is dead	< 5% of CRZ expected to be removed	preserve	
583	<i>Populus deltoides</i>	Cottonwood	Subject site	18	2	5	good	good	Narrow crown	none	preserve	
584	<i>Populus deltoides</i>	Cottonwood	Subject site	37, 28, 23	5	5	fair	fair	Multistem 3, primary union at grade	none	preserve	
585	<i>Acer saccharinum</i>	Silver Maple	Subject site	12	2	5	good	good	Low branched	none	preserve	
586	<i>Populus deltoides</i>	Cottonwood	Subject site	25	3	5	good	good		none	preserve	
587	<i>Acer saccharinum</i>	Silver Maple	Subject site	10	3	5	good	good		none	preserve	
588	<i>Populus deltoides</i>	Cottonwood	Subject site	23	4	4	good	good	Minor dead wood	none	preserve	
589	<i>Populus deltoides</i>	Cottonwood	Subject site	18	2	4	good	good	Minor dead wood	none	preserve	
590	<i>Populus deltoides</i>	Cottonwood	Subject site	14	2	2	good	good	Significant dead wood	none	preserve	
591	<i>Populus deltoides</i>	Cottonwood	Subject site	22	3	5	good	good	Quality specimen	none	preserve	
592	<i>Populus deltoides</i>	Cottonwood	Subject site	15	2	2	good	good	Significant dead wood	none	preserve	
593	<i>Acer saccharinum</i>	Silver Maple	Subject site	53, 11	3	5	fair	good	Multistem 2, low branched	none	preserve	
594	<i>Populus deltoides</i>	Cottonwood	Subject site	18	2	5	good	good	Quality specimen	none	preserve	
595	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	2	good	good	Significant dead wood	none	preserve	
596	<i>Acer saccharinum</i>	Silver Maple	Subject site	14	4	5	good	good	Low branched	none	preserve	
597	<i>Acer saccharinum</i>	Silver Maple	Subject site	10	3	5	good	good	Understory, low branched	none	preserve	

598	<i>Populus deltoides</i>	Cottonwood	Subject site	21	3	5	good	good		none	preserve	
599	<i>Populus deltoides</i>	Cottonwood	Subject site	15	2	3	fair	fair	Significant dead wood	none	preserve	
600	<i>Populus deltoides</i>	Cottonwood	Subject site	32	4	4	fair	fair	Wide vertical wound near base, sealing	none	preserve	
601	<i>Fraxinus spp</i>	Ash	Subject site	14	5	3	fair	good	Crooky trunk, dead wood	none	preserve	
602	<i>Fraxinus spp</i>	Ash	Subject site	12	3	2	poor	poor	Epicormic growth from trunk, trunk wounds, dead wood	none	preserve	
603	<i>Populus deltoides</i>	Cottonwood	Subject site	18	3	5	good	good	West edge of woodlot, trunk bend west	none	preserve	
604	<i>Acer saccharinum</i>	Silver Maple	Subject site	10, 6	4	5	good	good	Multistem 2, trunk bend west, low branched	none	preserve	
605	<i>Acer saccharinum</i>	Silver Maple	Subject site	15, 9	4	5	good	good	Multistem 2, trunk bend west, low branched	none	preserve	
606	<i>Acer saccharinum</i>	Silver Maple	Subject site	13	3	5	good	good	Understory	none	preserve	
607	<i>Acer saccharinum</i>	Silver Maple	Subject site	17	4	5	good	good	Quality specimen	none	preserve	
608	<i>Acer saccharinum</i>	Silver Maple	Subject site	11	3	5	good	good	Quality specimen	none	preserve	
609	<i>Populus deltoides</i>	Cottonwood	Subject site	25, 20, 20	5	5	good	good	Multistem 3, primary union just above grade, slight lean west	none	preserve	
610	<i>Acer saccharinum</i>	Silver Maple	Subject site	14, 7	5	5	good	good	Multistem 2, included bark at primary union	none	preserve	
611	<i>Populus deltoides</i>	Cottonwood	Subject site	15	2	5	good	good	Narrow crown	none	preserve	
612	<i>Populus deltoides</i>	Cottonwood	Subject site	23	4	5	good	good	Quality specimen	none	preserve	
613	<i>Populus deltoides</i>	Cottonwood	Subject site	23	2	5	good	good	Narrow crown	none	preserve	
614	<i>Populus deltoides</i>	Cottonwood	Subject site	10	1	4	good	good	Sparse crown	none	preserve	
615	<i>Populus deltoides</i>	Cottonwood	Subject site	25	3	5	good	good	Narrow crown	none	preserve	
616	<i>Populus deltoides</i>	Cottonwood	Subject site	26	3	5	good	good	Narrow crown	none	preserve	
617	<i>Populus deltoides</i>	Cottonwood	Subject site	17	2	5	good	fair	Vertical seams	none	preserve	
618	<i>Populus deltoides</i>	Cottonwood	Subject site	20	2	3	good	good	Significant dead wood	none	preserve	
619	<i>Populus deltoides</i>	Cottonwood	Subject site	26	3	3	good	good	Dead lower branches	none	preserve	
620	<i>Populus deltoides</i>	Cottonwood	Subject site	23	3	5	good	good		none	preserve	
621	<i>Populus deltoides</i>	Cottonwood	Subject site	33	4	5	good	good		none	preserve	
622	<i>Populus deltoides</i>	Cottonwood	Subject site	13	3	4	fair	good	Sparse crown, curved trunk	none	preserve	
623	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	4	fair	good	Sparse crown	none	preserve	
624	<i>Populus deltoides</i>	Cottonwood	Subject site	14	2	4	fair	good	Sparse crown	none	preserve	
625	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	good	good	Curved trunk	none	preserve	
626	<i>Populus deltoides</i>	Cottonwood	Subject site	25	3	5	good	good		none	preserve	

627	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	4	good	good	Sparse crown	none	preserve	
628	<i>Acer saccharinum</i>	Silver Maple	Subject site	14	4	5	fair	good	90 degree bow at base	none	preserve	
629	<i>Acer saccharinum</i>	Silver Maple	Subject site	14, 11	4	5	fair	fair	Multistem 2, included bark at primary union	none	preserve	
630	<i>Populus deltoides</i>	Cottonwood	Subject site	34	6	3	fair	fair	Old rotting stump at base, dead wood	none	preserve	
631	<i>Populus deltoides</i>	Cottonwood	Subject site	53	7	4	good	good	Wide flare, minor dead lower branches	none	preserve	
632	<i>Acer saccharinum</i>	Silver Maple	Subject site	14, 7	5	5	fair	good	Multistem 2, low branched	none	preserve	
633	<i>Acer saccharinum</i>	Silver Maple	Subject site	8, 7, 5, 4, 4	3	5	fair	fair	Multistem 5, fused trunks near base	none	preserve	
634	<i>Acer saccharinum</i>	Silver Maple	Subject site	18, 13, 5, 4	4	5	fair	good	Multistem 4, low branched	none	preserve	
635	<i>Acer saccharinum</i>	Silver Maple	Subject site	15, 14, 5	5	5	fair	good	Multistem 3, low branched	none	preserve	
636	<i>Populus deltoides</i>	Cottonwood	Subject site	23	3	5	good	good	Narrow crown	none	preserve	
637	<i>Populus deltoides</i>	Cottonwood	Subject site	38	5	5	good	good	Minor dead lower branches	+ - 10% of CRZ expected to be removed	preserve	
638	<i>Populus deltoides</i>	Cottonwood	Subject site	20	2	5	good	good	Narrow crown	< 5% of CRZ expected to be removed	preserve	
639	<i>Populus deltoides</i>	Cottonwood	Subject site	18	2	5	good	good	Narrow crown	none	preserve	
640	<i>Populus deltoides</i>	Cottonwood	Subject site	24	3	5	good	good	Narrow crown	< 5% of CRZ expected to be removed	preserve	
641	<i>Populus deltoides</i>	Cottonwood	Subject site	12, 10	2	5	fair	fair	Multistem 2, primary union below grade, understory	conflict with site construction	remove	
642	<i>Populus deltoides</i>	Cottonwood	Subject site	29, 27	5	5	good	good	Multistem 2, primary union at grade, canopy heavy east	conflict with site construction	remove	
643	<i>Populus deltoides</i>	Cottonwood	Subject site	12	4	5	fair	good	Trunk bend east	direct conflict with site construction	remove	
644	<i>Acer saccharinum</i>	Silver Maple	Subject site	11, 5, 5	3	5	fair	good	Multistem 3, understory, low branched	direct conflict with site construction	remove	
645	<i>Populus deltoides</i>	Cottonwood	Subject site	39	6	5	good	good		direct conflict with site construction	remove	
646	<i>Populus deltoides</i>	Cottonwood	Subject site	35, 24	5	5	good	good	Multistem 2, primary union just above grade	direct conflict with site construction	remove	
647	<i>Populus deltoides</i>	Cottonwood	Subject site	15	2	5	good	good		direct conflict with site construction	remove	
648	<i>Populus deltoides</i>	Cottonwood	Subject site	16	4	5	fair	good	90 degree bend east	direct conflict with site construction	remove	
649	<i>Populus deltoides</i>	Cottonwood	Subject site	19	5	5	fair	good	90 degree bend east	direct conflict with site construction	remove	
650	<i>Populus deltoides</i>	Cottonwood	Subject site	14	2	5	good	good	Narrow crown	direct conflict with site construction	remove	
651	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	good	good	East edge of woodlot	direct conflict with site construction	remove	

652	<i>Populus deltoides</i>	Cottonwood	Subject site	43, 26, 21	6	5	good	good	Multistem 3, east edge of woodlot, trunk bend east	direct conflict with site construction	remove	
653	<i>Populus deltoides</i>	Cottonwood	Subject site	15	2	3	good	good	Dead lower branches, scraggly canopy	direct conflict with site construction	remove	
654	<i>Populus deltoides</i>	Cottonwood	Subject site	26, 25	7	5	good	good	Multistem 2, primary union at grade	direct conflict with site construction	remove	
655	<i>Populus deltoides</i>	Cottonwood	Subject site	46	7	4	good	good	East edge, dead lower branches	direct conflict with site construction	remove	
656	<i>Populus deltoides</i>	Cottonwood	Subject site	25, 18	5	3	good	fair	Multistem 2, significant dead wood, trunk bend east	direct conflict with site construction	remove	
657	<i>Populus deltoides</i>	Cottonwood	Subject site	23	3	4	good	good	Dead lower branches	< 5% of CRZ expected to be removed	preserve	
658	<i>Populus deltoides</i>	Cottonwood	Subject site	19	2	5	good	good	Narrow crown	none	preserve	
659	<i>Populus deltoides</i>	Cottonwood	Subject site	31	4	4	good	good	Dead lower branches	none	preserve	
660	<i>Populus deltoides</i>	Cottonwood	Subject site	10	1.5	5	good	good	Narrow crown	none	preserve	
661	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	4	good	poor	Large cavity	none	preserve	
662	<i>Acer saccharinum</i>	Silver Maple	Subject site	15, 14, 5, 3	4	5	good	good	Multistem 4, low branched	none	preserve	
663	<i>Populus deltoides</i>	Cottonwood	Subject site	14	3	5	good	good	Narrow crown	none	preserve	
664	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	4	good	poor	Large basal cavity, hollow at base	none	preserve	
665	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	5	fair	good	S-curve trunk	none	preserve	
666	<i>Populus deltoides</i>	Cottonwood	Subject site	17	1	4	good	good	Narrow crown, minor dead wood	none	preserve	
667	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	good	good	Narrow crown	none	preserve	
668	<i>Populus deltoides</i>	Cottonwood	Subject site	22	2	5	good	good	Narrow crown	none	preserve	
669	<i>Populus deltoides</i>	Cottonwood	Subject site	10	2	2	good	good	Significant dead wood	none	preserve	
670	<i>Populus deltoides</i>	Cottonwood	Subject site	15	3	5	good	good	Narrow crown	none	preserve	
671	<i>Populus deltoides</i>	Cottonwood	Subject site	20	2	5	good	good	Narrow crown	none	preserve	
672	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	5	good	good	Narrow crown	none	preserve	
673	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	5	good	good	Narrow crown	none	preserve	
674	<i>Populus deltoides</i>	Cottonwood	Subject site	14	2	5	good	good	Narrow crown	none	preserve	
675	<i>Acer saccharinum</i>	Silver Maple	Subject site	11	4	5	good	good	Low branched	none	preserve	
676	<i>Populus deltoides</i>	Cottonwood	Subject site	14	1	5	good	good	Narrow crown	none	preserve	
677	<i>Populus deltoides</i>	Cottonwood	Subject site	18	2	2	fair	fair	Significant dead wood	none	preserve	
678	<i>Acer saccharinum</i>	Silver Maple	Subject site	10	4	5	good	good	Low branched	none	preserve	

679	<i>Populus deltoides</i>	Cottonwood	Subject site	19	2	5	good	good	Narrow crown	none	preserve	
680	<i>Populus deltoides</i>	Cottonwood	Subject site	31	4	5	good	good		none	preserve	
681	<i>Populus deltoides</i>	Cottonwood	Subject site	14	2	5	good	good		none	preserve	
682	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	5	good	good		none	preserve	
683	<i>Populus deltoides</i>	Cottonwood	Subject site	18, 10	3	5	good	good	Multistem 2, primary union below grade	none	preserve	
684	<i>Populus deltoides</i>	Cottonwood	Subject site	12	1	5	good	good	Narrow crown	none	preserve	
685	<i>Acer saccharinum</i>	Silver Maple	Subject site	17	4	4	fair	good	Ill defined leader	none	preserve	
686	<i>Populus deltoides</i>	Cottonwood	Subject site	12	1.5	5	good	good	Narrow crown	none	preserve	
687	<i>Populus deltoides</i>	Cottonwood	Subject site	11	1.5	5	good	good	Narrow crown	none	preserve	
688	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	5	good	good	Narrow crown	none	preserve	
689	<i>Populus deltoides</i>	Cottonwood	Subject site	25	4	5	good	good		none	preserve	
690	<i>Populus deltoides</i>	Cottonwood	Subject site	11	1	5	good	good	Narrow crown	none	preserve	
691	<i>Populus deltoides</i>	Cottonwood	Subject site	18	2	5	good	good	Dead lower branches	none	preserve	
692	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	5	good	good	Dead lower branches	none	preserve	
693	<i>Fraxinus spp</i>	Ash	Subject site	11	2	3	fair	fair	Significant epicormic growth	none	preserve	
694	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	good	good	Narrow crown	none	preserve	
695	<i>Populus deltoides</i>	Cottonwood	Subject site	30	6	5	good	good	Trunk bow south east	none	preserve	
696	<i>Populus deltoides</i>	Cottonwood	Subject site	32	5	5	good	good	Tall narrow crown	none	preserve	
697	<i>Populus deltoides</i>	Cottonwood	Subject site	16	4	5	good	good		none	preserve	
698	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	5	good	good	Narrow crown	none	preserve	
699	<i>Populus deltoides</i>	Cottonwood	Subject site	22	3	5	good	good		none	preserve	
700	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	2	good	good	Significant dead wood	none	preserve	
701	<i>Populus deltoides</i>	Cottonwood	Subject site	22	2	5	good	good		none	preserve	
702	<i>Populus deltoides</i>	Cottonwood	Subject site	29, 17	4	5	good	good	Multistem 2, west edge of woodlot	none	preserve	
703	<i>Acer saccharinum</i>	Silver Maple	Subject site	13	5	5	good	good	Trunk bend west	none	preserve	
704	<i>Acer saccharinum</i>	Silver Maple	Subject site	14	4	5	good	good	Trunk bend west	none	preserve	
705	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	5	good	good	Understory	none	preserve	
706	<i>Populus deltoides</i>	Cottonwood	Subject site	18	3	5	fair	good	Immediately beside tree 707	none	preserve	
707	<i>Populus deltoides</i>	Cottonwood	Subject site	41, 21	7	5	good	fair	Multistem 2, primary union just above grade, included bark at primary union	none	preserve	

708	<i>Populus deltoides</i>	Cottonwood	Subject site	37	6	5	good	good		none	preserve
709	<i>Acer saccharinum</i>	Silver Maple	Subject site	25, 22, 12	6	5	fair	fair	Multistem 3, circling roots, included bark at primary union, clustered primary union	none	preserve
710	<i>Acer saccharinum</i>	Silver Maple	Subject site	28, 21	6	5	fair	fair	Multistem 2, included bark at primary union	none	preserve
711	<i>Populus deltoides</i>	Cottonwood	Subject site	15	5	5	fair	good	Lean east	none	preserve
712	<i>Populus deltoides</i>	Cottonwood	Subject site	53	6	5	good	good		none	preserve
713	<i>Populus deltoides</i>	Cottonwood	Subject site	31	4	4	good	good	Dead lower branches	none	preserve
714	<i>Fraxinus spp</i>	Ash	Subject site	10	3	2	poor	poor	Emerald Ash Borer galleries visible, bark splitting, minimal living canopy	none	preserve
715	<i>Populus deltoides</i>	Cottonwood	Subject site	20	5	5	good	good	Trunk bend north west	none	preserve
716	<i>Populus deltoides</i>	Cottonwood	Subject site	19	5	5	good	good		none	preserve
717	<i>Populus deltoides</i>	Cottonwood	Subject site	24	5	4	good	good	Dead lower branches	none	preserve
718	<i>Populus deltoides</i>	Cottonwood	Subject site	20	3	5	good	good		none	preserve
719	<i>Populus deltoides</i>	Cottonwood	Subject site	27, 16	3	5	good	fair	Multistem 2, narrow crown	none	preserve
720	<i>Populus deltoides</i>	Cottonwood	Subject site	29, 23	4	5	good	fair	Multistem 2	none	preserve
721	<i>Fraxinus spp</i>	Ash	Subject site	13	3	2	fair	fair	Emerald Ash Borer exit holes, epicormic growth	none	preserve
722	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	2	good	good	Significant dead wood	none	preserve
723	<i>Populus deltoides</i>	Cottonwood	Subject site	23	3	5	good	good		none	preserve
724	<i>Acer saccharinum</i>	Silver Maple	Subject site	14	3	5	good	good	Roots around base of tree #723	none	preserve
725	<i>Populus deltoides</i>	Cottonwood	Subject site	16	1	2	good	good	Significant dead wood	none	preserve
726	<i>Populus deltoides</i>	Cottonwood	Subject site	12	1.5	5	good	good	Narrow crown	none	preserve
727	<i>Acer saccharinum</i>	Silver Maple	Subject site	21	4	5	good	good	Quality specimen	none	preserve
728	<i>Populus deltoides</i>	Cottonwood	Subject site	18	2	5	good	good	Narrow crown	none	preserve
729	<i>Populus deltoides</i>	Cottonwood	Subject site	20	3	5	good	good	S-curve trunk	none	preserve
730	<i>Populus deltoides</i>	Cottonwood	Subject site	20	3	5	good	good	S-curve trunk	none	preserve
731	<i>Populus deltoides</i>	Cottonwood	Subject site	20	2	5	good	good	Narrow crown	none	preserve
732	<i>Populus deltoides</i>	Cottonwood	Subject site	23	3	4	good	good	Dead lower branches	none	preserve
733	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	5	good	good	Narrow crown	none	preserve
734	<i>Populus deltoides</i>	Cottonwood	Subject site	15	2	5	good	good	Narrow crown	none	preserve
735	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	fair	good	Sub canopy	none	preserve

736	<i>Populus deltoides</i>	Cottonwood	Subject site	29	4	4	good	good	Dead lower branches	none	preserve	
737	<i>Populus deltoides</i>	Cottonwood	Subject site	17	4	4	good	good	Diminished leader	none	preserve	
738	<i>Populus deltoides</i>	Cottonwood	Subject site	27	5	5	good	good	Slight s-curve trunk	none	preserve	
739	<i>Populus deltoides</i>	Cottonwood	Subject site	21, 11	4	5	fair	good	Multistem 2	none	preserve	
740	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	4	fair	fair	Large cavity at failed scaffold union	none	preserve	
741	<i>Acer saccharinum</i>	Silver Maple	Subject site	15, 13, 11	4	5	fair	good	Multistem 3	none	preserve	
742	<i>Populus deltoides</i>	Cottonwood	Subject site	20	3	4	fair	poor	Large cavity at failed scaffold union	none	remove	poor tree condition
743	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	3	poor	poor	Understory, large hollow at base, likely all epicormic growth	none	remove	poor tree condition
744	<i>Populus deltoides</i>	Cottonwood	Subject site	12, 10	3	3	poor	poor	Multistem 2, bulging primary union, epicormic growth	none	remove	poor tree condition
745	<i>Populus deltoides</i>	Cottonwood	Subject site	25	4	4	good	good	Dead lower branches	conflict with site construction	remove	
746	<i>Populus deltoides</i>	Cottonwood	Subject site	28	4	4	good	good	Dead lower branches	conflict with site construction	remove	
747	<i>Populus deltoides</i>	Cottonwood	Subject site	10	1	5	good	good	Understory	conflict with site construction	remove	
748	<i>Populus deltoides</i>	Cottonwood	Subject site	24	4	5	good	good		conflict with site construction	remove	
749	<i>Populus deltoides</i>	Cottonwood	Subject site	10	1	4	fair	good	Understory, epicormic growth	conflict with site construction	remove	
750	<i>Populus deltoides</i>	Cottonwood	Subject site	32	5	4	good	good	Dead lower branches	conflict with site construction	remove	
751	<i>Populus deltoides</i>	Cottonwood	Subject site	30, 23	5	5	good	good	Multistem 2	conflict with site construction	remove	
752	<i>Populus deltoides</i>	Cottonwood	Subject site	31	5	5	good	good		direct conflict with site construction	remove	
753	<i>Populus deltoides</i>	Cottonwood	Subject site	14	2	4	good	fair	Dead wood, epicormic growth	direct conflict with site construction	remove	
754	<i>Populus deltoides</i>	Cottonwood	Subject site	38	5	5	good	good		direct conflict with site construction	remove	
755	<i>Populus deltoides</i>	Cottonwood	Subject site	19	4	5	good	good	Trunk bend east	direct conflict with site construction	remove	
756	<i>Populus deltoides</i>	Cottonwood	Subject site	17	5	5	fair	good	Trunk bend east	direct conflict with site construction	remove	
757	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	5	fair	good	Understory	direct conflict with site construction	remove	
758	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	fair	good	Understory	direct conflict with site construction	remove	
759	<i>Populus deltoides</i>	Cottonwood	Subject site	32	5	4	good	good	Dead lower branches	direct conflict with site construction	remove	
760	<i>Populus deltoides</i>	Cottonwood	Subject site	16	4	5	fair	good	90 degree trunk bend east	direct conflict with site construction	remove	
761	<i>Populus deltoides</i>	Cottonwood	Subject site	22	5	5	good	good		direct conflict with site construction	remove	

762	<i>Populus deltoides</i>	Cottonwood	Subject site	14	4	4	fair	good	Understory	direct conflict with site construction	remove	
763	<i>Populus deltoides</i>	Cottonwood	Subject site	38	6	5	good	good		direct conflict with site construction	remove	
764	<i>Populus deltoides</i>	Cottonwood	Subject site	18	4	5	fair	good	Trunk bend east	direct conflict with site construction	remove	
765	<i>Populus deltoides</i>	Cottonwood	Subject site	36	5	4	good	good	Dead lower branches	direct conflict with site construction	remove	
766	<i>Populus deltoides</i>	Cottonwood	Subject site	24	3	5	good	good		conflict with site construction	remove	
767	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	good	good	Understory	conflict with site construction	remove	
768	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	5	good	good	Understory	conflict with site construction	remove	
769	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	5	good	good	Understory	direct conflict with site construction	remove	
770	<i>Populus deltoides</i>	Cottonwood	Subject site	32	5	5	good	good		direct conflict with site construction	remove	
771	<i>Populus deltoides</i>	Cottonwood	Subject site	20	3	5	good	good		direct conflict with site construction	remove	
772	<i>Populus deltoides</i>	Cottonwood	Subject site	13	5	5	fair	good	45 degree trunk bend east	direct conflict with site construction	remove	
773	<i>Populus deltoides</i>	Cottonwood	Subject site	13	5	4	fair	good	45 degree trunk bend east, dead wood	direct conflict with site construction	remove	
774	<i>Populus deltoides</i>	Cottonwood	Subject site	20	5	5	good	good	East end of wood lot	direct conflict with site construction	remove	
775	<i>Populus deltoides</i>	Cottonwood	Subject site	36	5	5	good	good		direct conflict with site construction	remove	
776	<i>Populus deltoides</i>	Cottonwood	Subject site	19	3	5	good	good		direct conflict with site construction	remove	
777	<i>Populus deltoides</i>	Cottonwood	Subject site	40	5	5	good	good		direct conflict with site construction	remove	
778	<i>Populus deltoides</i>	Cottonwood	Subject site	10	2	5	good	good	Understory	direct conflict with site construction	remove	
779	<i>Populus deltoides</i>	Cottonwood	Subject site	28	4	4	good	good	Dead lower branches	direct conflict with site construction	remove	
780	<i>Populus deltoides</i>	Cottonwood	Subject site	19	3	5	good	good	East end of wood lot	direct conflict with site construction	remove	
781	<i>Populus deltoides</i>	Cottonwood	Subject site	61	7	5	good	good		direct conflict with site construction	remove	
782	<i>Populus deltoides</i>	Cottonwood	Subject site	16	3	5	fair	good		direct conflict with site construction	remove	
783	<i>Acer saccharinum</i>	Silver Maple	Subject site	10, 3	2	5	fair	good	Multistem 2	direct conflict with site construction	remove	
784	<i>Populus deltoides</i>	Cottonwood	Subject site	40, 40	8	5	good	fair	Multistem 2, included bark at primary union	none	preserve	
785	<i>Populus deltoides</i>	Cottonwood	Subject site	10	2	4	fair	good	Diminished leader, understory	none	preserve	

786	<i>Populus deltoides</i>	Cottonwood	Subject site	17	3	4	good	good	Dead lower branches	none	preserve
787	<i>Populus deltoides</i>	Cottonwood	Subject site	35	6	5	good	good		none	preserve
788	<i>Populus deltoides</i>	Cottonwood	Subject site	18	2	4	fair	good	Dead lower branches	none	preserve
789	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	5	good	good	Understory	none	preserve
790	<i>Populus deltoides</i>	Cottonwood	Subject site	22	2	5	good	good	Narrow crown	none	preserve
791	<i>Populus deltoides</i>	Cottonwood	Subject site	28	4	5	good	good		none	preserve
792	<i>Populus deltoides</i>	Cottonwood	Subject site	18	2	5	good	good		none	preserve
793	<i>Populus deltoides</i>	Cottonwood	Subject site	14	1	4	good	good	Sparse crown	none	preserve
794	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	5	good	good	Understory	none	preserve
795	<i>Populus deltoides</i>	Cottonwood	Subject site	20	3	5	good	good		none	preserve
796	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	3	good	good	Significant dead wood	none	preserve
797	<i>Populus deltoides</i>	Cottonwood	Subject site	14, 14	3	5	fair	good	Multistem 2, understory	none	preserve
798	<i>Acer saccharinum</i>	Silver Maple	Subject site	12	3	5	good	good	Low branched	none	preserve
799	<i>Populus deltoides</i>	Cottonwood	Subject site	17	1	3	good	good	Significant dead wood	none	preserve
800	<i>Populus deltoides</i>	Cottonwood	Subject site	17	2	5	good	good	Narrow crown	none	preserve
801	<i>Acer saccharinum</i>	Silver Maple	Subject site	12, 5	3	5	good	good	Multistem 2, low branched	none	preserve
802	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	2	good	good	Significant dead wood	none	preserve
803	<i>Populus deltoides</i>	Cottonwood	Subject site	22	3	5	good	good	Quality specimen	none	preserve
804	<i>Acer saccharinum</i>	Silver Maple	Subject site	16	3	5	good	good	Full form	none	preserve
805	<i>Populus deltoides</i>	Cottonwood	Subject site	37	6	5	good	good	Codominant leaders	none	preserve
806	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	5	good	good		none	preserve
807	<i>Populus deltoides</i>	Cottonwood	Subject site	20	4	5	good	good		none	preserve
808	<i>Acer saccharinum</i>	Silver Maple	Subject site	12	4	5	good	good	Full form	none	preserve
809	<i>Acer saccharinum</i>	Silver Maple	Subject site	14	3	5	good	good	Full form	none	preserve
810	<i>Populus deltoides</i>	Cottonwood	Subject site	16	3	4	good	good	Sparse crown	none	preserve
811	<i>Fraxinus spp</i>	Ash	Subject site	12	2	4	good	good	Sparse crown	none	preserve
812	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	5	good	good	Trunk lean east	none	preserve
813	<i>Populus deltoides</i>	Cottonwood	Subject site	23	4	5	good	good		none	preserve
814	<i>Populus deltoides</i>	Cottonwood	Subject site	15	3	5	good	good	West edge of woodlot	none	preserve
815	<i>Fraxinus spp</i>	Ash	Subject site	12	2	2	poor	poor	Significant dead wood	none	preserve

816	<i>Acer saccharinum</i>	Silver Maple	Subject site	9, 6	3	4	fair	poor	Multistem 2, basal rot	none	preserve
817	<i>Populus deltoides</i>	Cottonwood	Subject site	26, 17, 14	5	5	good	good	Multistem 3, trunk bend west	none	preserve
818	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	4	good	good	Dead lower branches	none	preserve
819	<i>Acer saccharinum</i>	Silver Maple	Subject site	17	4	5	good	good	Low branched	none	preserve
820	<i>Acer saccharinum</i>	Silver Maple	Subject site	15	4	5	good	good	West edge of woodlot	none	preserve
821	<i>Unknown Deciduous Tree</i>	Unknown Deciduous Tree	Subject site	11, 3, 3	2	5	fair	fair	Multistem 3, west edge of woodlot	none	preserve
822	<i>Fraxinus spp</i>	Ash	Subject site	11	2	5	fair	fair		none	preserve
823	<i>Populus deltoides</i>	Cottonwood	Subject site	21	2	5	good	good	Canopy heavy west	none	preserve
824	<i>Populus deltoides</i>	Cottonwood	Subject site	15	1	3	fair	fair	Significant dead wood	none	preserve
825	<i>Populus deltoides</i>	Cottonwood	Subject site	4	6	5	good	good	wide flare	none	preserve
826	<i>Fraxinus spp</i>	Ash	Subject site	13	2	2	poor	poor	Trunk wounds, mostly dead	none	preserve
827	<i>Populus deltoides</i>	Cottonwood	Subject site	16	4	5	good	good	Canopy heavy south	none	preserve
828	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	5	good	good	Narrow crown	none	preserve
829	<i>Populus deltoides</i>	Cottonwood	Subject site	20	2	5	good	good	Narrow crown	none	preserve
830	<i>Populus deltoides</i>	Cottonwood	Subject site	11	1	4	good	good	Sparse crown	none	preserve
831	<i>Populus deltoides</i>	Cottonwood	Subject site	14	1	3	good	good	Significant dead wood	none	preserve
832	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	good	good	Understory	none	preserve
833	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	3	good	good	Significant dead wood	none	preserve
834	<i>Populus deltoides</i>	Cottonwood	Subject site	40, 30	6	5	fair	fair	Multistem 2, fused trunks, included bark at primary union	none	preserve
835	<i>Acer saccharinum</i>	Silver Maple	Subject site	11, 9	3	5	fair	fair	Multistem 2, included bark at primary union	none	preserve
836	<i>Populus deltoides</i>	Cottonwood	Subject site	20	3	5	good	good		none	preserve
837	<i>Populus deltoides</i>	Cottonwood	Subject site	16	2	3	good	good	Significant dead wood	none	preserve
838	<i>Fraxinus spp</i>	Ash	Subject site	12	2	2	poor	poor	Canopy dead, epicormic growth only living	none	preserve
839	<i>Populus deltoides</i>	Cottonwood	Subject site	35, 30	7	5	fair	fair	Multistem 2, included bark at primary union	none	preserve
840	<i>Populus deltoides</i>	Cottonwood	Subject site	12	2	5	fair	fair	Crooky trunk	none	preserve
841	<i>Populus deltoides</i>	Cottonwood	Subject site	34	5	5	good	good		none	preserve
842	<i>Acer saccharinum</i>	Silver Maple	Subject site	29	6	5	good	good	Canopy heavy east	none	preserve
843	<i>Fraxinus spp</i>	Ash	Subject site	11	2	2	poor	poor	Canopy dead, epicormic growth only living	none	preserve
844	<i>Fraxinus spp</i>	Ash	Subject site	11	2	2	poor	poor	Canopy dead, epicormic growth only living	none	preserve

845	<i>Fraxinus spp</i>	Ash	Subject site	10	2	2	poor	poor	Canopy dead, epicormic growth only living	none	preserve	
846	<i>Populus deltoides</i>	Cottonwood	Subject site	11	3	5	fair	good	Trunk lean south	none	preserve	
847	<i>Populus deltoides</i>	Cottonwood	Subject site	27	4	5	good	good		none	preserve	
848	<i>Populus deltoides</i>	Cottonwood	Subject site	34	5	5	good	good		none	preserve	
849	<i>Populus deltoides</i>	Cottonwood	Subject site	22	2	3	good	good	Significant dead wood	none	preserve	
850	<i>Populus deltoides</i>	Cottonwood	Subject site	38	6	5	good	good		none	preserve	
851	<i>Populus deltoides</i>	Cottonwood	Subject site	11	2	5	fair	good	Understory	none	preserve	
852	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	fair	good		none	preserve	
853	<i>Populus deltoides</i>	Cottonwood	Subject site	20	3	5	good	good		none	preserve	
854	<i>Populus deltoides</i>	Cottonwood	Subject site	22	3	5	good	good		none	preserve	
855	<i>Populus deltoides</i>	Cottonwood	Subject site	21	3	5	good	good		none	preserve	
856	<i>Populus deltoides</i>	Cottonwood	Subject site	25, 22	4	4	fair	fair	Multistem 2, included bark at primary union	none	preserve	
857	<i>Populus deltoides</i>	Cottonwood	Subject site	25	3	5	good	good	Loose crown	none	preserve	
858	<i>Populus deltoides</i>	Cottonwood	Subject site	19	2	2	fair	poor	Significant dead wood	none	preserve	
859	<i>Fraxinus spp</i>	Ash	Subject site	12	2	3	good	good	Low branched, epicormic growth	none	preserve	
860	<i>Fraxinus spp</i>	Ash	Subject site	13	2	3	good	good	Low branched, epicormic growth	none	preserve	
861	<i>Populus deltoides</i>	Cottonwood	Subject site	19	3	5	good	good	Top of trunk bend south	none	preserve	
862	<i>Populus deltoides</i>	Cottonwood	Subject site	19	4	4	good	good	Dead wood	none	preserve	
863	<i>Populus deltoides</i>	Cottonwood	Subject site	32	5	5	good	good		none	preserve	
864	<i>Populus deltoides</i>	Cottonwood	Subject site	33	5	5	good	good		none	preserve	
865	<i>Populus deltoides</i>	Cottonwood	Subject site	31	4	5	good	good		none	preserve	
866	<i>Populus deltoides</i>	Cottonwood	Subject site	18	3	5	good	good	Slight trunk bow west	none	preserve	
867	<i>Populus deltoides</i>	Cottonwood	Subject site	38	5	5	good	good		none	preserve	
868	<i>Populus deltoides</i>	Cottonwood	Subject site	10	2	5	fair	fair	Trunk lean north	none	preserve	
869	<i>Populus deltoides</i>	Cottonwood	Subject site	33	4	5	good	good	Canopy heavy west	none	preserve	
870	<i>Populus deltoides</i>	Cottonwood	Subject site	13	2	5	fair	good	Understory, epicormic growth	none	preserve	
871	<i>Populus deltoides</i>	Cottonwood	Subject site	13	3	5	fair	good	Trunk crook and bend west	none	preserve	
872	<i>Populus deltoides</i>	Cottonwood	Subject site	27	4	5	good	good	Canopy heavy west	none	preserve	
873	<i>Acer saccharinum</i>	Silver Maple	Subject site	32, 9, 3	6	5	good	good	Multistem 3, canopy heavy west	none	preserve	

874	<i>Acer saccharinum</i>	Silver Maple	Subject site	48	6	5	good	good	Double codominant leader	none	preserve
875	<i>Populus deltoides</i>	Cottonwood	Subject site	37	4	5	good	good	West edge of woodlot	none	preserve
876	<i>Fraxinus spp</i>	Ash	Subject site	22, 13	3	1	poor	poor	Multistem 2, dead	none	preserve
877	<i>Populus deltoides</i>	Cottonwood	Subject site	43	5	5	good	good		none	preserve
878	<i>Unknown Deciduous Tree</i>	Unknown Deciduous Tree	Subject site	15	3	3	good	fair	Significant epicormic growth	none	preserve
879	<i>Populus deltoides</i>	Cottonwood	Subject site	26	3	5	good	good	Narrow crown	none	preserve
880	<i>Populus deltoides</i>	Cottonwood	Subject site	42	5	5	good	good		none	preserve
881	<i>Populus deltoides</i>	Cottonwood	Subject site	55	7	5	good	good	Full form	none	preserve
882	<i>Fraxinus spp</i>	Ash	Subject site	14	3	2	good	good	Epicormic growth, dead wood	none	preserve
883	<i>Populus deltoides</i>	Cottonwood	Subject site	27, 14	3	5	fair	fair	Multistem 2, primary union below grade	none	preserve
884	<i>Populus deltoides</i>	Cottonwood	Subject site	16	3	5	fair	fair	Narrow crown	none	preserve
885	<i>Fraxinus spp</i>	Ash	Subject site	11	2	2	fair	fair	Epicormic growth	none	preserve
886	<i>Fraxinus spp</i>	Ash	Subject site	10	2	2	fair	poor	Emerald Ash Borer galleries visible	none	preserve
887	<i>Populus deltoides</i>	Cottonwood	Subject site	24	3	4	fair	fair		none	preserve
888	<i>Populus deltoides</i>	Cottonwood	Subject site	34	5	5	good	good		none	preserve
889	<i>Populus deltoides</i>	Cottonwood	Subject site	22	2	3	poor	poor	Trunk cavity, hollow	none	preserve
890	<i>Populus deltoides</i>	Cottonwood	Subject site	25, 15	2	5	fair	fair	Multistem 2, primary union at grade, narrow crown	none	preserve
891	<i>Populus deltoides</i>	Cottonwood	Subject site	23	3	4	fair	fair	30 degree lean west	none	preserve
892	<i>Populus deltoides</i>	Cottonwood	Subject site	27	3	5	good	good		none	preserve
893	<i>Fraxinus spp</i>	Ash	Subject site	12	2	4	fair	fair	Dead lower branches	none	preserve
894	<i>Acer saccharinum</i>	Silver Maple	Subject site	12	4	5	fair	good	Squat crown	none	preserve
895	<i>Populus deltoides</i>	Cottonwood	Subject site	24	4	4	fair	fair	Diminished leader, dead wood	none	preserve
896	<i>Populus deltoides</i>	Cottonwood	Subject site	63, 47, 42	7	4	good	good	Multistem 3, dead wood	none	preserve
897	<i>Populus deltoides</i>	Cottonwood	Subject site	41	5	4	good	good	Dead lower branches	none	preserve
898	<i>Fraxinus spp</i>	Ash	Subject site	12	2	2	poor	poor	Emerald Ash Borer galleries visible	none	preserve
899	<i>Fraxinus spp</i>	Ash	2050 Mountbatten Street	17	2	2	poor	poor	Emerald Ash Borer galleries visible, living crown entirely epicormic growth	none	preserve
900	<i>Populus deltoides</i>	Cottonwood	BOUNDARY subject site & 2050 Mountbatten St	33	5	5	fair	fair	Trunk leader bend north west	none	preserve
901	<i>Fraxinus spp</i>	Ash	2050 Mountbatten Street	14	2	2	fair	fair	Emerald Ash Borer galleries visible	none	preserve
902	<i>Fraxinus spp</i>	Ash	2050 Mountbatten Street	12	3	1	poor	poor	Dead	none	preserve

903	<i>Fraxinus spp</i>	Ash	2050 Mountbatten Street	12	2	1	poor	poor	Dead	none	preserve	
904	<i>Populus deltoides</i>	Cottonwood	Subject site	38, 13	5	5	good	good	Multistem 2, primary union below grade	none	preserve	
905	<i>Populus deltoides</i>	Cottonwood	Subject site	65	8	4	good	good	Dead lower branches	direct conflict with site construction	remove	
906	<i>Populus deltoides</i>	Cottonwood	Subject site	23	5	4	fair	fair	Codominant leaders, dead wood	+/- 10% of CRZ expected to be removed	preserve	
907	<i>Populus deltoides</i>	Cottonwood	Subject site	10, 10, 7	3	3	poor	poor	Multistem 3, topped	direct conflict with site construction	remove	
908	<i>Populus deltoides</i>	Cottonwood	Subject site	10, 10, 9, 6	3	3	poor	poor	Multistem 4, topped	direct conflict with site construction	remove	
909	<i>Fraxinus spp</i>	Ash	Subject site	12	5	4	good	good	Sparse crown	direct conflict with site construction	remove	
910	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	14	3	4	good	good	Dead wood	direct conflict with site construction	remove	
911	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	12, 11	3	1	good	poor	Multistem 2, dead	direct conflict with site construction	remove	
912	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	15	4	3	good	good	Dead wood	direct conflict with site construction	remove	
913	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	11	3	3	good	good	Dead wood	direct conflict with site construction	remove	
914	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	13	4	5	good	good	Low branched	direct conflict with site construction	remove	
915	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	24	5	4	good	good	Dead lower branches	direct conflict with site construction	remove	
916	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	21	6	4	good	good	Dead wood	direct conflict with site construction	remove	
917	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	11	3	4	good	good	Dead wood	direct conflict with site construction	remove	
918	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	12	3	4	good	good		direct conflict with site construction	remove	
919	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	28	4	4	good	good	Buckthorn understory	direct conflict with site construction	remove	
920	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	24	6	4	fair	fair	Codominant leaders, dead lower branches	direct conflict with site construction	remove	
921	<i>Fraxinus spp</i>	Ash	Subject site	21	5	1	poor	poor	Emerald Ash Borer galleries visible, dead	direct conflict with site construction	remove	
922	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	15, 12	2	2	poor	poor	Multistem 2, significant bark sloughing, buckthorn understory	direct conflict with site construction	remove	
923	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	16	2	2	poor	poor	Significant bark sloughing	direct conflict with site construction	remove	
924	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	19, 15, 8	3	1	poor	poor	Multistem 3, dead, large buckthorn at base	direct conflict with site construction	remove	
925	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	18, 14	3	1	poor	poor	Multistem 2, dead	direct conflict with site construction	remove	
926	<i>Juglans nigra</i>	Black Walnut	Subject site	11	3	5	good	good	Quality specimen	direct conflict with site	remove	

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927	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	13	2	1	poor	poor	Dead		direct conflict with site construction	remove
928	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	19	3	5	good	good			direct conflict with site construction	remove
929	<i>Fraxinus spp</i>	Ash	Subject site	17	3	1	poor	poor	Emerald Ash Borer galleries visible, dead		direct conflict with site construction	remove
930	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	47	6	5	good	good			direct conflict with site construction	remove
931	<i>Fraxinus spp</i>	Ash	Subject site	24	4	1	poor	poor	Dead		direct conflict with site construction	remove
932	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	24, 21, 20	5	4	fair	fair	Multistem 3, included bark at primary union		direct conflict with site construction	remove
933	<i>Acer negundo</i>	Manitoba Maple	Subject site	16, 10	6	3	poor	poor	Multistem 2		direct conflict with site construction	remove
934	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	19, 15	4	4	fair	fair	Multistem 2, included bark at primary union		direct conflict with site construction	remove
935	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	18	4	4	fair	fair	Codominant leaders		direct conflict with site construction	remove
936	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	26	5	4	fair	fair	Codominant leaders		direct conflict with site construction	remove
937	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	14	4	4	fair	fair	Dead wood		direct conflict with site construction	remove
938	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	13, 11	4	4	good	good	Multistem 2, primary union below grade, dead wood		direct conflict with site construction	remove
939	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	12	2	4	fair	fair	Dead wood		direct conflict with site construction	remove
940	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	13	4	5	fair	fair	Low branched		direct conflict with site construction	remove
941	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	21	4	5	fair	fair	Fused stems		direct conflict with site construction	remove
942	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	19, 9	3	4	fair	fair	Multistem 2, dead lower branches		direct conflict with site construction	remove
943	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	24, 23, 19	5	4	fair	fair	Multistem 3, included bark at primary union, dead wood		direct conflict with site construction	remove
944	<i>Acer negundo</i>	Manitoba Maple	Subject site	16	5	4	fair	fair	Trunk lean north east, dead wood		direct conflict with site construction	remove
945	<i>Acer negundo</i>	Manitoba Maple	Subject site	18	3	4	fair	fair	Dead lower branches		direct conflict with site construction	remove
946	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	35	5	4	fair	fair	Codominant leaders with included bark, dead lower branches		direct conflict with site construction	remove
947	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	12	2	4	fair	fair	Dead wood		direct conflict with site construction	remove
948	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	24	5	4	fair	fair	Dead wood		direct conflict with site construction	remove

949	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	23, 18	5	5	fair	fair	Multistem 2, primary union below grade, canopy heavy east	direct conflict with site construction	remove	
950	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	22	4	4	good	good	Dead lower branches	direct conflict with site construction	remove	
951	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	10	2	5	good	good		direct conflict with site construction	remove	
952	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	29	6	5	good	good		direct conflict with site construction	remove	
953	<i>Acer negundo</i>	Manitoba Maple	Subject site	10	2	4	fair	fair	Dead wood	direct conflict with site construction	remove	
954	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	15, 11	3	1	poor	poor	Multistem 2, dead	direct conflict with site construction	remove	
955	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	33, 22	7	4	poor	fair	Multistem 2, fused trunks	direct conflict with site construction	remove	
956	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	24, 16, 9	6	4	fair	fair	Multistem 3, included bark at primary union, canopy heavy south	direct conflict with site construction	remove	
957	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	11, 6	2	4	fair	fair	Multistem 2, dead wood	direct conflict with site construction	remove	
958	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	21, 10	4	5	fair	fair	Multistem 2, canopy heavy south	direct conflict with site construction	remove	
959	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	10	3	5	fair	fair	Trunk bend south	direct conflict with site construction	remove	
960	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	10	3	5	good	good		direct conflict with site construction	remove	
961	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	11	3	4	fair	fair	Low branched, dead lower branches	direct conflict with site construction	remove	
962	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	12	4	4	fair	fair	Dead lower branches	direct conflict with site construction	remove	
963	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	16	4	4	fair	fair	Dead lower branches	direct conflict with site construction	remove	
964	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	14	4	4	fair	fair	Dead lower branches	direct conflict with site construction	remove	
965	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	16, 12	5	4	fair	fair	Multistem 2, dead lower branches	direct conflict with site construction	remove	
966	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	15, 14, 12	5	5	fair	fair	Multistem 3, fused trunks	direct conflict with site construction	remove	
967	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	24, 9	5	4	fair	fair	Multistem 2, dead lower branches	direct conflict with site construction	remove	
968	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	28	5	4	fair	fair	Codominant leaders with included bark, dead lower branches	direct conflict with site construction	remove	
969	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	19, 11, 7, 7	4	4	fair	fair	Multistem 4, primary at and below grade, dead lower branches	direct conflict with site construction	remove	
970	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	17, 12, 8, 7	5	4	fair	fair	Multistem 4, dead lower branches	direct conflict with site construction	remove	

971	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	15	3	4	fair	fair	Codominant leaders with included bark, dead lower branches	direct conflict with site construction	remove	
972	<i>Populus deltoides</i>	Cottonwood	Subject site	80	9	5	fair	good	4 primary scaffold branches	direct conflict with site construction	remove	
973	<i>Morus alba</i>	Mulberry	Subject site	13	3	5	fair	good	Low branched	direct conflict with site construction	remove	
974	<i>Morus alba</i>	Mulberry	Subject site	<10	3	5	fair	fair	Multistem 7, low branched	direct conflict with site construction	remove	
975	<i>Acer negundo</i>	Manitoba Maple	Subject site	27	4	5	fair	fair	Low branched	direct conflict with site construction	remove	
976	<i>Ulmus pumila</i>	Siberian Elm	Subject site	18, 10	3	5	fair	fair	Multistem 2, primary union below grade	direct conflict with site construction	remove	
977	<i>Juglans nigra</i>	Black Walnut	Subject site	14	3	5	good	good	Mulberry emerging from base	direct conflict with site construction	remove	
978	<i>Populus deltoides</i>	Cottonwood	Subject site	77, 41, 37	8	4	fair	fair	Multistem 3, wood and metal debris grown into base, buckthorn understory	direct conflict with site construction	remove	
979	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	32	5	5	fair	fair	Low branched, canopy heavy east	none	preserve	
980	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	20	4	5	fair	fair	Low branched	none	preserve	
981	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	21	4	5	fair	fair	Codominant leaders, canopy heavy east	none	preserve	
982	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	16	3	4	fair	fair	Vines in crown, dead lower branches	direct conflict with proposed Rd	remove	
983	<i>Prunus spp</i>	Cherry	Future Sydorko Rd	11	4	4	fair	fair	Bowed trunk, black knot, basal damage	direct conflict with proposed Rd	remove	
984	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	17	5	4	fair	fair	Vines in crown, dead lower branches	direct conflict with proposed Rd	remove	
985	<i>Juglans nigra</i>	Black Walnut	Future Sydorko Rd	13	3	5	good	good	Full form	direct conflict with construction	remove	
986	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	16	4	4	fair	fair	Canopy heave east, dead wood	direct conflict with proposed Rd	remove	
987	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	13	3	4	fair	fair	Dead lower branches	direct conflict with proposed Rd	remove	
988	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	21	5	4	fair	fair	Fused codominant leaders, canopy heavy east	direct conflict with proposed Rd	remove	
989	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	11	3	4	fair	fair	Dead lower branches	direct conflict with proposed Rd	remove	
990	<i>Juglans nigra</i>	Black Walnut	Future Sydorko Rd	15	5	5	fair	good	Codominant leaders, low branched	direct conflict with proposed Rd	remove	
991	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	14	3	4	fair	fair	Dead lower branches	direct conflict with proposed Rd	remove	
992	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	18	4	4	fair	fair	Codominant leaders, buckthorn understory	direct conflict with proposed Rd	remove	
993	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	16	3	4	good	good	Dead lower branches	direct conflict with proposed Rd	remove	
994	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	19	4	4	good	good	Dead lower branches	direct conflict with proposed Rd	remove	
995	<i>Robinia pseudoacacia</i>	Black Locust	Future Sydorko Rd	33	5	4	fair	fair	Dead lower branches, codominant leaders with included bark, vines into crown	direct conflict with proposed Rd	remove	
996	<i>Salix spp</i>	Willow	Future Sydorko Rd	11, 10, 5, 5, 5, 4	6	4	poor	poor	Multistem 6, lean south, in stream	direct conflict with proposed Rd	remove	

997	<i>Salix spp</i>	Willow	Future Sydorko Rd	13, 13, 10, 9, 8	4	4	poor	poor	Multistem 5, in stream, vines into crown, scraggly form	direct conflict with proposed Rd	remove	
998	<i>Populus deltoides</i>	Cottonwood	Future Sydorko Rd	15, 12	4	5	fair	fair	Multistem 2, in stream	direct conflict with proposed Rd	remove	
999	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	47, 40, 12	8	4	fair	fair	Multistem 3, 45 degree lean south, vines into crown	direct conflict with proposed Rd	remove	
1000	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	17, 10	6	4	fair	fair	Multistem 2, trunk lean north west, dead lower branches	direct conflict with proposed Rd	remove	
1001	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	26, 24, 22, 20, 13	11	4	poor	fair	Multistem 5, primary union below grade, trunk lean north west	direct conflict with proposed Rd	remove	
1002	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	20, 17	5	4	fair	fair	Multistem 2, epicormic growth	direct conflict with proposed Rd	remove	
1003	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	24	8	4	poor	fair	Trunk bend 90 degree west	direct conflict with proposed Rd	remove	
1004	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	26, 25, 22, 21, 6	9	4	poor	fair	Multistem 5, primary union at and below grade, trunk bend/lean west	direct conflict with proposed Rd	remove	
1005	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	34, 12	8	4	fair	fair	Multistem 2, trunk bend/lean south west	direct conflict with proposed Rd	remove	
1006	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	21	4	5	fair	fair	Crooky trunk	direct conflict with proposed Rd	remove	
1007	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	31, 31, 24, 16	7	3	fair	fair	Multistem 4, significant epicormic growth and dead wood	direct conflict with proposed Rd	remove	
1008	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	17	3	3	fair	fair	Broken branches	direct conflict with proposed Rd	remove	
1009	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	27, 23, 20	10	4	fair	fair	Multistem 3, trunk lean south west, epicormic growth	direct conflict with proposed Rd	remove	
1010	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	34, 27, 26	7	4	poor	poor	Multistem 3, included bark at primary union, dead wood	direct conflict with proposed Rd	remove	
1011	<i>Populus deltoides</i>	Cottonwood	Future Sydorko Rd	162	14	3	fair	fair	4 large main trunks, significant dead wood	direct conflict with proposed Rd	remove	
1012	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	26, 18	6	3	poor	poor	Multistem 2, rot at primary union, dead wood	direct conflict with proposed Rd	remove	
1013	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	11, 10	4	4	fair	fair	Multistem 2, canopy heavy north	direct conflict with proposed Rd	remove	
1014	<i>Juglans nigra</i>	Black Walnut	2070 Dundas St	14	3	5	good	good		direct conflict with proposed Rd	remove	consent from owner of 2070 Dundas St required
1015	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	16, 10	3	4	poor	poor	Multistem 2, rot at primary union, dead wood, vines into crown	direct conflict with proposed Rd	remove	
1016	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	40	10	2	poor	poor	Completely laying down and rotten trunks, 2 fully dead trunks on the ground	direct conflict with proposed Rd	remove	
1017	<i>Acer negundo</i>	Manitoba Maple	Future Sydorko Rd	49, 30, 16	7	3	poor	poor	Multistem 3, broken branches and limbs	direct conflict with proposed Rd	remove	
1018	<i>Fraxinus spp</i>	Ash	Future Sydorko Rd	38	6	1	poor	poor	Dead	direct conflict with proposed Rd	remove	
1019	<i>Juglans nigra</i>	Black Walnut	Future Sydorko Rd	14	3	4	fair	fair	At stream edge	direct conflict with proposed Rd	remove	
1020	<i>Fraxinus spp</i>	Ash	Future Sydorko Rd	16	3	4	good	good	Full form	direct conflict with proposed Rd	remove	
1021	<i>Pinus sylvestris</i>	Scotch Pine	Future Sydorko Rd	44	5	4	good	good	Wood pecker damage, dead lower branches	direct conflict with proposed Rd	remove	
1022	<i>Ulmus pumila</i>	Siberian Elm	Future Sydorko Rd	12	4	4	fair	fair	Supressed, scraggly form	direct conflict with proposed Rd	remove	

1023	<i>Populus deltoides</i>	Cottonwood	2050 Mountbatten Street	27	4	5	good	good		none	preserve	
1024	<i>Populus deltoides</i>	Cottonwood	Subject site	10	2	1	fair	fair	Dead	none	preserve	
1025	<i>Populus deltoides</i>	Cottonwood	Subject site	12	3	4	fair	fair	Crooky trunk, vines into crown	none	preserve	
1026	<i>Robinia pseudoacacia</i>	Black Locust	2050 Mountbatten Street	35, 34	8	4	fair	fair	Multistem 2, dead lower branches	+ 25% of CRZ expected to be impacted	remove	consent from owner of 2050 Mountbatten St required
1027	<i>Robinia pseudoacacia</i>	Black Locust	2050 Mountbatten Street	21	5	5	fair	fair	Codominant leaders	+ 25% of CRZ expected to be impacted	remove	consent from owner of 2050 Mountbatten St required
1028	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	24	4	4	fair	fair	Dead lower branches	direct conflict with site construction	remove	
1029	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	17	4	4	fair	fair	Dead lower branches	direct conflict with site construction	remove	
1030	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	25, 12	4	4	fair	fair	Multistem 2, dead wood	direct conflict with site construction	remove	
1031	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	24	3	4	fair	fair	Dead lower branches	direct conflict with site construction	remove	
1032	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	21	4	4	fair	fair	Dead lower branches	direct conflict with site construction	remove	
1033	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	14	3	4	fair	fair	Diminished leader	direct conflict with site construction	remove	
1034	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	23	4	4	fair	fair	Dead lower branches	direct conflict with site construction	remove	
1035	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	26, 17, 9	5	4	fair	fair	Multistem 3, dead wood	direct conflict with site construction	remove	
1036	<i>Robinia pseudoacacia</i>	Black Locust	BOUNDARY subject site & 2050 Mountbatten St	14	3	4	fair	fair	Crooky trunk	approx. 5% of CRZ expected to be impacted	preserve	
1037	<i>Robinia pseudoacacia</i>	Black Locust	2050 Mountbatten Street	17	4	4	fair	fair		none	preserve	
1038	<i>Robinia pseudoacacia</i>	Black Locust	2050 Mountbatten Street	25	4	4	fair	fair		none	preserve	
1039	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	11	2	2	fair	fair	Significant dead wood	+40% CRZ expected to be impacted	remove	
1040	<i>Ulmus pumila</i>	Siberian Elm	2050 Mountbatten Street	57	11	4	fair	fair	Included bark at primary union, broad crown, dead wood	+15% of CRZ expected to be impacted	preserve	
1041	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	20, 20, 15	6	4	poor	poor	Multistem 3, trunk rot, included bark at primary union	+50% CRZ expected to be impacted	remove	
1042	<i>Robinia pseudoacacia</i>	Black Locust	2050 Mountbatten Street	33, 16	7	4	poor	poor	Multistem 2, significant rot at primary union, dead wood	+20% CRZ expected to be impacted	remove	poor tree condition - consent to remove from owner of 2050 Mountbatten St required
1043	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	21	4	5	good	good	Canopy heavy west	conflict with site construction	remove	

1044	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	32	5	4	fair	fair	Low scaffold branches, dead wood	conflict with site construction	remove	
1045	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	32, 31	6	4	poor	poor	Multistem 2, significant trunk rot & hollow, but living crown	conflict with site construction	remove	
1046	<i>Robinia pseudoacacia</i>	Black Locust	2050 Mountbatten Street	28, 20, 16	5	4	poor	hazard	Multistem 3, rot at primary union, multiple significant trunk cavities, vine into crown	+20% CRZ expected to be impacted	remove	poor tree condition - risk of failure and proximity to proposed building - consent to remove from owner of 2050 Mountbatten St required
1047	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	21, 17, 15	5	5	fair	fair	Multistem 3, on slope	+50% CRZ expected to be impacted	remove	
1048	<i>Robinia pseudoacacia</i>	Black Locust	2050 Mountbatten Street	21	4	5	fair	fair	Codominant leaders	+10% CRZ expected to be impacted	preserve	
1049	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	14	3	5	fair	fair		direct conflict with site construction	remove	
1050	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	12	3	5	fair	fair	Supressed	direct conflict with site construction	remove	
1051	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	18	4	5	fair	fair		direct conflict with site construction	remove	
1052	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	19, 13	5	5	fair	fair	Canopy heavy north east	direct conflict with site construction	remove	
1053	<i>Acer negundo</i>	Manitoba Maple	Subject site	23	8	4	poor	poor	45 degree lean east, epicormic growth, at base of slope	direct conflict with site construction	remove	
1054	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	19	4	4	fair	fair	Canopy heavy with vines	direct conflict with site construction	remove	
1055	<i>Robinia pseudoacacia</i>	Black Locust	Subject site	13	2	4	fair	fair	Canopy heavy with vines	direct conflict with site construction	remove	
1357	<i>Populus deltoides</i>	Cottonwood	Subject site	59	5	5	fair	good	Elevated at base, epicormic growth, exposed damaged roots	direct conflict with site construction	remove	
1358	<i>Populus deltoides</i>	Cottonwood	Subject site	34, 45, 41	6	5	fair	fair	Multistem 3. Elevated at base, canopy heavy South East, included bark at primary union, supressed.	direct conflict with site construction	remove	
1359	<i>Populus deltoides</i>	Cottonwood	2060 Dundas St (Church of the Ascension)	36	4	5	good	good	Minor circling roots, exposed damaged roots, supressed	none	preserve	
1360	<i>Populus deltoides</i>	Cottonwood	2060 Dundas St (Church of the Ascension)	44, 34, 36	4	5	good	poor	Multistem 3. Elevated at base, primary union at 1 meter from grade with included bark and oozing seam	none	preserve	
1361	<i>Populus deltoides</i>	Cottonwood	2060 Dundas St (Church of the Ascension)	42	6.5	5	good	good	Exposed damaged roots, supressed	none	preserve	
1362	<i>Populus deltoides</i>	Cottonwood	2060 Dundas St (Church of the Ascension)	27, 39	5	5	fair	fair	Multistem 2. Primary union 1 meter from grade, exposed damaged roots, included bark at primary union	none	preserve	

5.0 POTENTIAL CONSTRUCTION IMPACTS ON TREES

Many trees have been recommended for removal due to direct conflict with the proposed development. Some trees that have been recommended for preservation may be in proximity to the proposed construction. Trees to be preserved may be affected by the construction process, or by the construction itself. It is imperative that the design team and the construction crew understand the potential for, and the causes of tree damage. Trees recommended for preservation may experience some or all of the following potential construction impacts. Strategies and methods to avoid these impacts are outlined in the Construction Impact Mitigation Recommendations section of this report.

5.1 SOIL COMPACTION

Soil compaction is caused by heavy or repeated compression or vibration of the soil around the tree. Soil compaction reduces the amount and size of macro and micro pore space that is vital for subsurface movement of air and water. The harmful effects of soil compaction include, but are not limited to: slower water infiltration, poor aeration, reduced root growth and an overall increased susceptibility to biotic and abiotic stressors.

5.2 ROOT LOSS

Root loss occurs when roots are severed. The majority of roots are typically located within the top 60cm of soil and can extend outward up to three times the extent of the tree drip line. Excavation of any kind within the critical root zone* can sever roots. Two categories of roots need to be considered when evaluating impacts of root loss - small, fibrous absorbing roots, and large structural roots. Significant loss of either or both of these functions can cause stress and/or affect the structural stability of the tree. Note, however, that it is commonly accepted that healthy trees can typically tolerate and recover from the removal of approximately 33% (up to a maximum of 50%) of their root mass. Thorough consideration regarding extent of acceptable root removal is dependent on individual species characteristics, root loss distribution, and site specific conditions (*ref. Trees and Development: A Technical Guide to Preservation of Trees During Land Development by Nelda Matheny and James R. Clark, 1998. Pg 72*).

* Refer to 'Critical Root Zones and Tree Preservation Barriers' in this report for definition.

5.3 GRADE CHANGES

Lowering of the grade around trees has immediate and long term effects on trees. Lowering of grade requires immediate root loss from cutting the roots which results in water stress from the root removal and potential reduced structural stability.

Raising the grade around a tree can be equally damaging. The addition of fill over the root zone of a tree alters the roots' ability for normal water and gas exchange that is necessary for healthy root growth and stability. Fill essentially suffocates the roots and can lead to the slow and eventual decline of the tree.

5.4 MECHANICAL DAMAGE

Mechanical damage is caused by physical contact with a tree that damages the tree to any degree. During land development and construction activities, there is an increased risk of both minor and fatal mechanical damage to trees from construction equipment. Minor damage can create entry points for insects and pathogens, and fatal damage can cause irreparable structural damage.

5.5 CHANGES TO EXPOSURE - SUN AND WIND

Trees can be negatively affected by increased exposure to sun or wind when neighbouring trees are removed. This can be of particular concern when 'interior trees' (trees that have developed surrounded by other trees) are suddenly exposed to forest edge conditions. These trees may experience higher intensity of direct sunlight resulting in leaf scald, and instability due to increased wind and snow loads.

Trees can be negatively affected by decreased exposure to sunlight. Proposed development that includes tall buildings located to the south and west of mature existing trees can greatly reduce the amount of daily direct sunlight. While this change in environment may not cause the immediate or eventual death of a tree, it can certainly slow development and alter growing habits and patterns, and must therefore be a consideration when evaluating trees for potential preservation.

5.6 SOIL CONTAMINATION

Soil health around a tree can be compromised by contamination from spills or leaks of fuels, solvents, or other construction related fluids.

5.7 WATER AVAILABILITY

Grading and servicing requirements for development can affect water availability for trees. Trees may experience a loss of available water due to a lowered water table or the capture or redirection of subsurface and/or overland flow. Conversely, trees may experience an increase of available water due to changes in site grading and storm water retention efforts.

The successful survival of the trees to be preserved is largely dependent on adhering to the construction impact mitigation recommendations that follow.

6.0 CONSTRUCTION IMPACT MITIGATION RECOMMENDATIONS

The following general recommendations are provided to guide the removal process, mitigate construction impacts, and ensure compliance with provincial, federal, and municipal regulatory requirements. Some of the recommendations listed below are noted to be undertaken by an ISA certified arborist.

6.1 PRE-CONSTRUCTION RECOMMENDATIONS

- a) Prior to any construction activity, tree preservation fencing is to be installed as per the attached tree preservation drawings and detail.

- b) Trees approved for removal are to be clearly indicated in the field (marked with spray paint or other agreed upon method) by the project arborist or landscape architect prior to any tree removal operations. All removals to be undertaken by an ISA certified arborist.
- c) In accordance with the Migratory Birds Convention Act, 1994, all removals must take place between September 1st and March 31st to avoid disturbing nesting migratory birds. If tree removal occurs between April 1st and August 31st, a biologist is required to complete a search for nests. Once cleared, the contractor has 48 hours to remove. If removal does not occur within 48 hours, another search will be required.
- d) Care should be taken during the felling operation to avoid damaging the branches, stems, trunks, and roots of nearby trees to be preserved. Where possible, all trees are to be felled towards the construction zone to minimize impacts on adjacent vegetation. All removals to be undertaken by an ISA certified arborist.
- e) The existing ground-layer vegetation at the base of trees to be preserved must remain intact within the critical root zone so as not to disturb the soil around the base of the existing trees.
- f) Final site grading plans should ensure that the existing soil moisture conditions are maintained.
- g) Some trees may be candidates for pre-construction root pruning to help reduce stress and prepare the tree for nearby construction activity. These trees are to be identified on the tree preservation plan along with root pruning specifications. To be undertaken by an ISA certified arborist.

6.2 RECOMMENDATIONS RELATED TO THE CONSTRUCTION PROCESS

- a) Tree preservation fencing is to be maintained in good condition and effective for the duration of construction until all construction activity is complete or as per the project arborist or landscape architect.
- b) Tree preservation fencing is to remain intact as per the tree preservation drawings, and can only be temporarily removed with the express written consent from the project arborist or landscape architect. Should tree preservation fencing be temporarily relocated or moved, it is to be reinstated as per the tree preservation plans as soon as possible.
- c) No construction, excavation, adding of fill, stockpiling of construction material, or heavy equipment is permitted within the critical root zone/within the tree preservation fencing.
- d) When excavation near a tree is required, and it is anticipated that roots will be severed and exposed, duration of exposure is to be minimized to prevent root desiccation.
- e) During the excavation process, roots 25mm or larger that are severed and exposed should be hand pruned to leave a clean-cut surface. To be undertaken by an ISA certified arborist. Exposed severed roots that cannot be covered in soil on the same day as the cuts are made are to be kept moist. Exposed roots are to be kept moist by covering them with water soaked burlap or any other means available to prevent them from drying out.

- f) Avoid idling heavy equipment under or within close proximity to trees to be preserved to prevent canopy damage from exposure to the heat of the exhaust.
- g) Broken branches on trees within the subject site to be preserved should be cleanly cut as soon as possible after the damage has occurred. To be undertaken by an ISA certified arborist. Should branches on City owned trees be damaged by or during construction, the contractor is to notify City of London Forestry Operations as soon as possible. No person(s) other than City staff or the City's designated contractor may perform work on any City tree.

6.3 POST-CONSTRUCTION RECOMMENDATIONS

- a) Avoid discharging rain water leaders adjacent to retained trees, as this may result in an overly moist environment which can cause root rot.
- b) After all work is completed, tree preservation fences and any other impact mitigation paraphernalia must be removed.
- c) A final review must be undertaken by the project arborist or landscape architect to ensure that all mitigation measures as described above have been met.

7.0 DISCLAIMER

The assessment of the trees presented within this report has been made using accepted arboricultural techniques. These include a visual examination of the above-ground parts of each tree for structural defects, scars, external indications of decay, evidence of insect presence, discoloured foliage, the general condition of the trees and the surrounding site, as well as the proximity of property and people. None of the trees examined were dissected, cored, probed, or climbed, and detailed root crown examinations involving excavation were not undertaken.

Notwithstanding the recommendations and conclusions made in this report, it must be realized that trees are living organisms and their health and vigour is constantly changing. They are not immune to changes in site conditions or seasonal variations in the weather.

While reasonable efforts have been made to ensure the trees recommended for retention are healthy, no guarantees are offered or implied, that these trees or any part of them will remain standing.

Note that this arborist report has been prepared using the latest drawings and information provided by the client. Any subsequent design or site plan changes affecting trees may require revisions to this report. Any new information or drawings are to be provided to RKL A prior to report submission to planning authorities.

8.0 CONTACT INFORMATION

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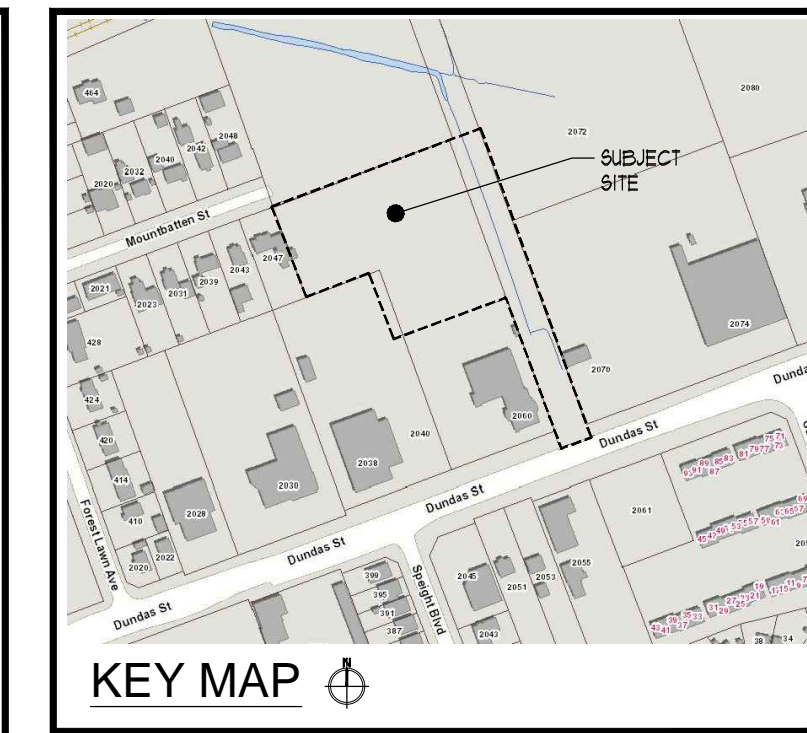
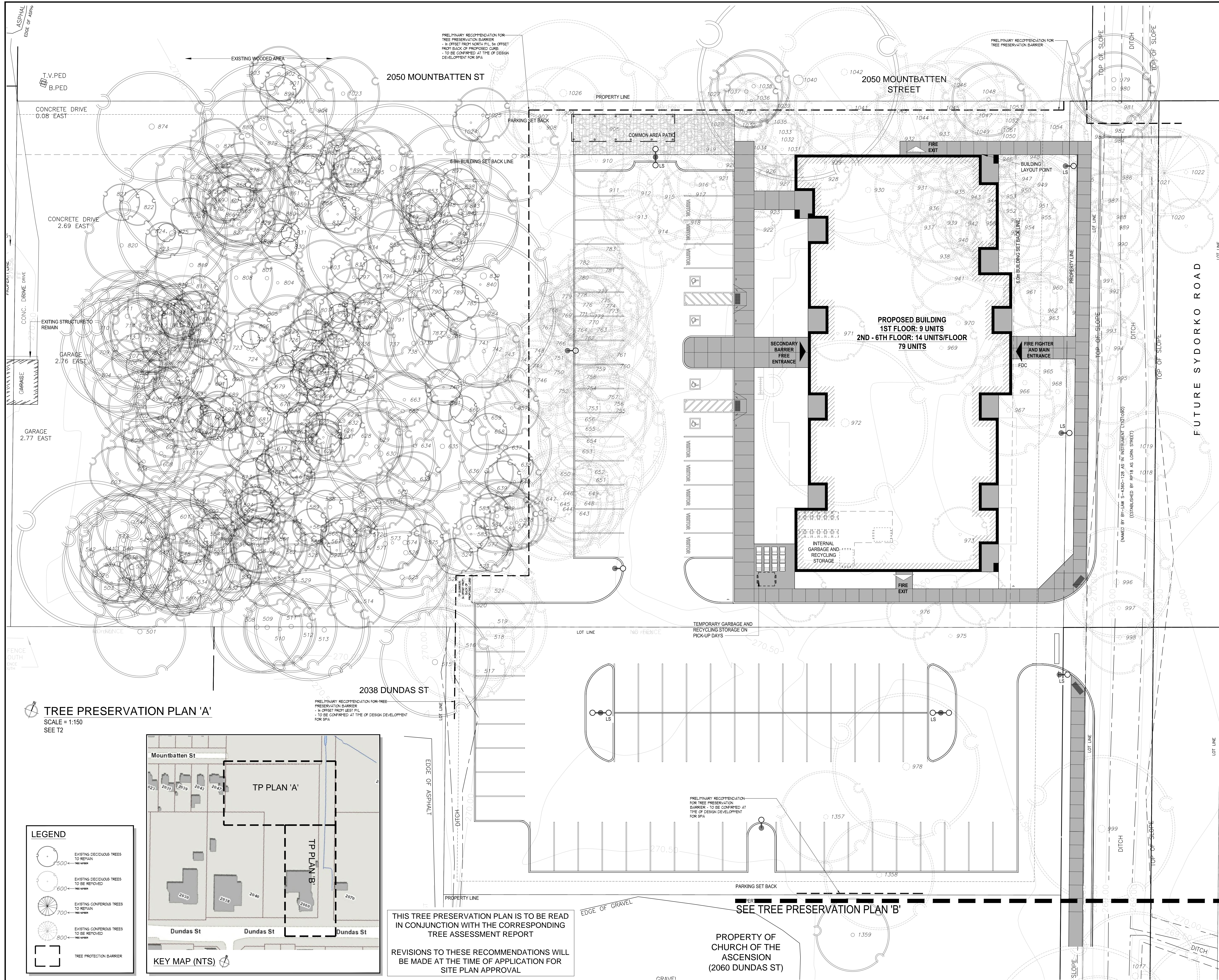
Staff:

Field work and report author

Michelle Peeters - michelle@rkla.ca

Qualifications ISA Certified Arborist ON-2129A
ISA Tree Risk Assessment Qualified
Qualified Butternut Assessor BHA #710
OALA full member - landscape architect

9.0 APPENDIX A - TREE PRESERVATION DRAWING



ALL DRAWINGS REMAIN THE PROPERTY OF THE LANDSCAPE ARCHITECT AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE LANDSCAPE ARCHITECT'S WRITTEN PERMISSION.

THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR TENDER PURPOSES UNLESS SIGNED AND DATED BY RONALD H. KOUDYS, O.A.L.A. C.S.L.A. LANDSCAPE ARCHITECT, LONDON, ONTARIO (519) 987-3322.

Ronald H. Koudys, O.A.L.A. C.S.L.A. DATE

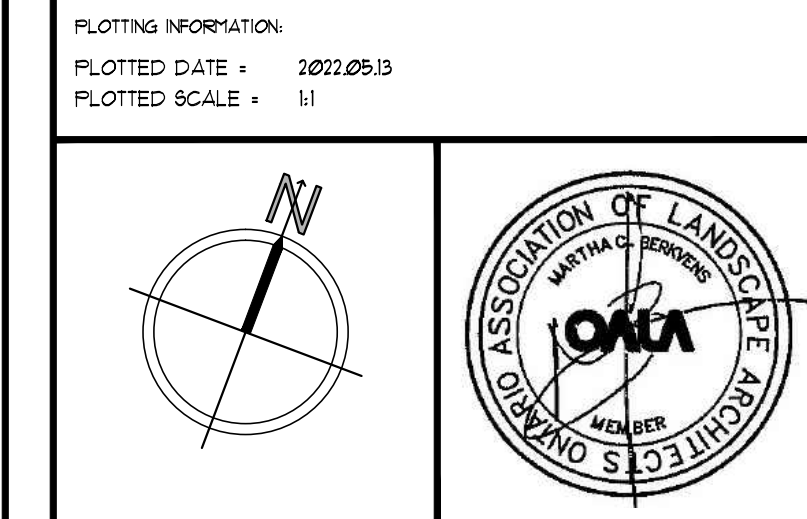


DATE	DESCRIPTION	No.
2022.09.13	ISSUED FOR ZBA	3.
2022.01.31	ISSUED FOR REVIEW	2.
2021.07.13	ISSUED FOR REVIEW	1.

PLOTTING INFORMATION:

PLOTTED DATE = 2022.09.13

PLOTTED SCALE = 1/1



PROJECT TITLE:

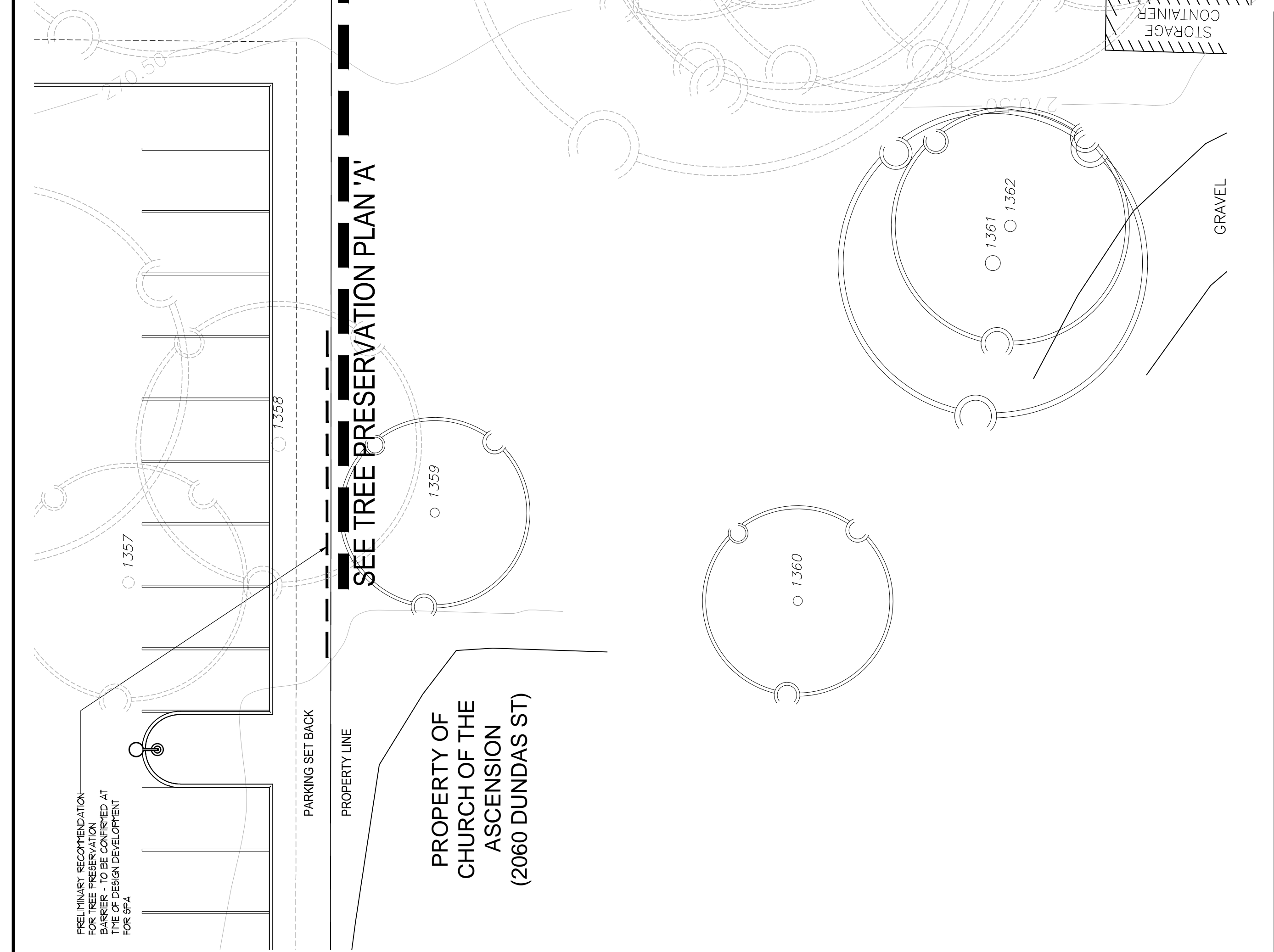
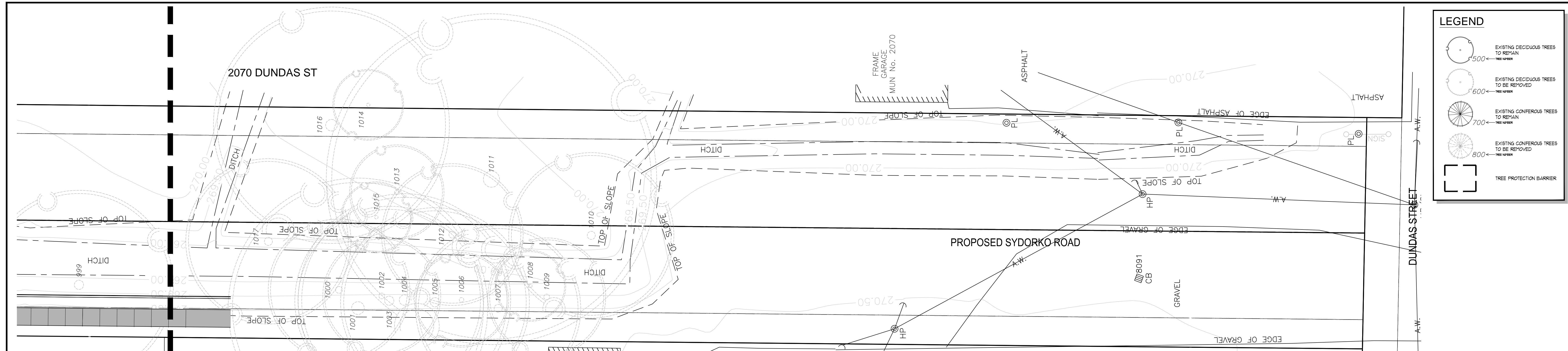
2060 DUNDAS STREET

LONDON, ONTARIO

DRAWING TITLE:

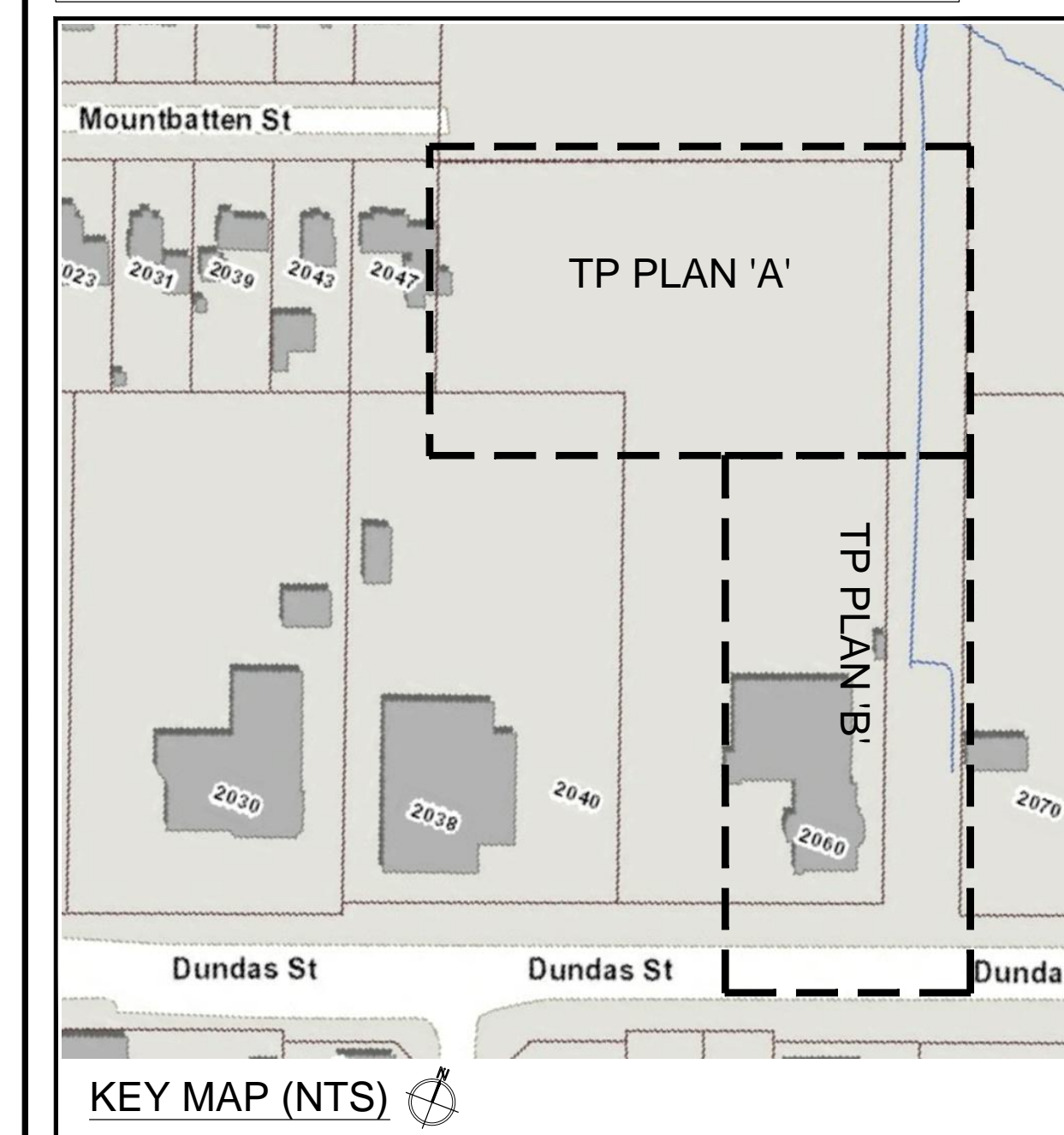
TREE PRESERVATION PLAN 'A'

DATE	SCALE	DRAWING No.
NOVEMBER 2020	AS NOTED	
DRAWN: RKL/Inc.	CHECKED BY: RKL	T-1
PROJECT No.	20-2454 ZBA	



THIS TREE PRESERVATION PLAN IS TO BE READ IN CONJUNCTION WITH THE CORRESPONDING TREE ASSESSMENT REPORT

REVISIONS TO THESE RECOMMENDATIONS WILL BE MADE AT THE TIME OF APPLICATION FOR SITE PLAN APPROVAL



TREES RECOMMENDED FOR REMOVAL (207 TREES) - TO BE CONFIRMED WITH APPLICATION FOR SPA

GENERAL INFORMATION	SIZE	HEALTH & CONDITION	RECOMMENDATIONS	GENERAL INFORMATION	SIZE	HEALTH & CONDITION	RECOMMENDATIONS	GENERAL INFORMATION	SIZE	HEALTH & CONDITION	RECOMMENDATIONS	GENERAL INFORMATION	SIZE	HEALTH & CONDITION	RECOMMENDATIONS																				
ID #	COMMON NAME	LOCATION	DBH (cm)	COMPACTION	DOWNYWOOD	STRUCTURAL INTACT	COMMENTS	DIRECTED CONSTRUCTION IMPACT (CR) = critical root zone	ID #	COMMON NAME	LOCATION	DBH (cm)	COMPACTION	DOWNYWOOD	STRUCTURAL INTACT	COMMENTS	DIRECTED CONSTRUCTION IMPACT (CR) = critical root zone	ID #	COMMON NAME	LOCATION	DBH (cm)	COMPACTION	DOWNYWOOD	STRUCTURAL INTACT	COMMENTS	DIRECTED CONSTRUCTION IMPACT (CR) = critical root zone									
56	Cottonwood	Subject site	30	6	4	good	Dead lower branches	Direct conflict with site construction	772	Cottonwood	Subject site	15	5	5	fair	45 degree trunk bend east	Direct conflict with site construction	948	Black Locust	Subject site	23.8	5	5	fair	Multistem 2, primary union below grade, canopy heavy west	Direct conflict with site construction	1024	Manitoba Maple	Future Sydorko Rd	26.25	9	4	poor	Multi stems 3, primary union and below grade, trunk included	Direct conflict with proposed Rd
57	Ash	Subject site	48	3	2	poor	Multistem 4E, Emerald Ash Borer, stems are skeletonized	Direct conflict with site construction	773	Cottonwood	Subject site	15	5	4	fair	45 degree trunk bend east, dead wood	Direct conflict with site construction	949	Black Locust	Subject site	22	4	4	good	Dead lower branches	Direct conflict with site construction	1025	Manitoba Maple	Future Sydorko Rd	34.12	8	4	fair	Multistem 2, trunk bend/lean south west	Direct conflict with proposed Rd
58	Cottonwood	Subject site	49	5	5	good	southern edge	Direct conflict with site construction	774	Cottonwood	Subject site	20	5	3	good	East end of wood lot	Direct conflict with site construction	950	Black Locust	Subject site	40	2	5	good	Direct conflict with site construction	1026	Manitoba Maple	Future Sydorko Rd	21	4	5	fair	cranky trunk	Direct conflict with proposed Rd	
59	Cottonwood	Subject site	71.26	6	4	fair	Multistem 2, 3 leaders, included bark at primary union, light/frag wood wood top canopy	Direct conflict with site construction	775	Cottonwood	Subject site	30	5	5	good	Direct conflict with site construction	951	Black Locust	Subject site	29	6	5	good	Direct conflict with site construction	1027	Manitoba Maple	Future Sydorko Rd	31.31	14	6	poor	Multistem 2, trunk bend/lean south west	Direct conflict with proposed Rd		
60	Cottonwood	Subject site	52.40	6	4	good	Direct conflict with site construction	776	Cottonwood	Subject site	40	5	5	good	Direct conflict with site construction	952	Manitoba Maple	Subject site	30	2	4	fair	Dead wood	Direct conflict with site construction	1028	Manitoba Maple	Future Sydorko Rd	31	3	5	fair	Broken branches	Direct conflict with proposed Rd		
61	Cottonwood	Subject site	53	5	4	good	Direct conflict with site construction	777	Cottonwood	Subject site	40	5	5	good	Direct conflict with site construction	953	Black Locust	Subject site	35.22	7	4	poor	Multistem 2, 3 dead trunks	Direct conflict with site construction	1029	Manitoba Maple	Future Sydorko Rd	27.25	10	4	fair	Multistem 3, trunk lean south west, epicormic growth	Direct conflict with proposed Rd		
62	Cottonwood	Subject site	27	3	5	good	southern edge	Direct conflict with site construction	778	Cottonwood	Subject site	40	5	5	good	Direct conflict with site construction	954	Black Locust	Subject site	30	2	4	fair	Dead wood	Direct conflict with site construction	1030	Manitoba Maple	Future Sydorko Rd	34.27	10	4	poor	Multistem 3, included bark at primary union, canopy heavy south	Direct conflict with proposed Rd	
63	Cottonwood	Subject site	36.31	4	4	good	Multistem 2, minor dead wood, primary union below grade	Direct conflict with site construction	779	Cottonwood	Subject site	28	4	4	good	Direct conflict with site construction	955	Black Locust	Subject site	24.16	6	4	fair	Multistem 3, included bark at primary union, canopy heavy south	Direct conflict with site construction	1031	Manitoba Maple	Future Sydorko Rd	32	14	5	fair	Large main trunks, significant dead wood	Direct conflict with proposed Rd	
64	Cottonwood	Subject site	12	2	5	fair	Multistem 2, primary union below grade, upper story	Direct conflict with site construction	780	Cottonwood	Subject site	40	5	5	good	Direct conflict with site construction	956	Black Locust	Subject site	33.22	7	4	poor	Multistem 2, 3 dead trunks	Direct conflict with site construction	1032	Manitoba Maple	Future Sydorko Rd	26.28	6	5	poor	Multistem 3, 2nd at primary union, dead wood	Direct conflict with proposed Rd	
642	Cottonwood	Subject site	20.27	5	5	good	Multistem 2, primary union at grade, canopy heavy west	Direct conflict with site construction	781	Cottonwood	Subject site	40	5	5	good	Direct conflict with site construction	957	Black Locust	Subject site	21.0	4	5	fair	Multistem 2, canopy heavy south	Direct conflict with site construction	1033	Manitoba Maple	Future Sydorko Rd	8.0	4	4	fair	Multistem 2, canopy heavy south	Direct conflict with proposed Rd	
644	Silver Maple	Subject site	12	4	5	fair	Trunk bend east	Direct conflict with site construction	782	Cottonwood	Subject site	40	5	5	good	Direct conflict with site construction	958	Black Locust	Subject site	30	3	5	fair	Trunk bend south	Direct conflict with site construction	1034	Black Walnut	2070 Dundas St	34	5	5	good	Direct conflict with proposed Rd		
645	Silver Maple	Subject site	15.53	3	5	fair	Multistem 3, understorey, low branches	Direct conflict with site construction	783	Cottonwood	Subject site	40	5	5	good	Direct conflict with site construction	959	Black Locust	Subject site	40	3	5	good	Direct conflict with site construction	1035	Manitoba Maple	Future Sydorko Rd	16.0	5	4	poor	Multistem 2, 1st at primary union, dead wood, vine into crown	Direct conflict with proposed Rd		
646	Cottonwood	Subject site	39	6	5	good	Direct conflict with site construction	784	Cottonwood	Subject site	10.10	5	3	poor	Multistem 4, 1 topped	Direct conflict with site construction	960	Black Locust	Subject site	11	3	4	fair	low branches, dead lower branches	Direct conflict with site construction	1036	Manitoba Maple	Future Sydorko Rd	40	8	2	poor	Completes heavy down and uprooting, 2nd dead trunks on the ground	Direct conflict with proposed Rd	
647	Cottonwood	Subject site	35.24	5	5	good	Multistem 2, primary union at above grade	Direct conflict with site construction	785	Cottonwood	Subject site	10.10	5	3	poor	Multistem 4, 1 topped	Direct conflict with site construction	961	Black Locust	Subject site	16	4	4	fair	low branches	Direct conflict with site construction	1037	Manitoba Maple	Future Sydorko Rd	49.32	6	3	poor	Multistem 3, broken branches and vines	Direct conflict with proposed Rd
648	Cottonwood	Subject site	16	4	5	fair	45 degree bend east	Direct conflict with site construction	786	Cottonwood	Subject site	14	5	4	good	Direct conflict with site construction	962	Black Locust	Subject site	16	4	4	fair	low branches	Direct conflict with site construction	1038	Manitoba Maple	Future Sydorko Rd	28	6	1	poor	Dead	Direct conflict with proposed Rd	
649	Cottonwood	Subject site	14	2	5	good	Narrow crown	Direct conflict with site construction	787	Cottonwood	Subject site	10.10	5	3	poor	Multistem 4, 1 topped	Direct conflict with site construction	963	Black Locust	Subject site	16	4	4	fair	low branches	Direct conflict with site construction	1039	Black Walnut	Future Sydorko Rd	16	3	4	poor	All stem edge	Direct conflict with proposed Rd
650	Cottonwood	Subject site	13	2	5	good	Direct conflict with site construction	788	Cottonwood	Subject site	15	4	3	poor	Multistem 4, 1 topped	Direct conflict with site construction	964	Black Locust	Subject site	24.9	5	4	fair	Multistem 3, dead lower branches	Direct conflict with site construction	1040	Ash	Future Sydorko Rd	16	3	4	poor	Full form	Direct conflict with proposed Rd	
651	Cottonwood	Subject site	13	2	5	good	Direct conflict with site construction	789	Black Locust	Subject site	15	4	3	poor	Multistem 4, 1 topped	Direct conflict with site construction	965	Black Locust	Subject site	24.9	5	4	fair	Multistem 3, dead lower branches	Direct conflict with site construction	1041	Scotch Pine	Future Sydorko Rd	44	5	4	good	Wood pecker damage, dead lower branches	Direct conflict with proposed Rd	
652	Cottonwood	Subject site	45.26	6	5	good	Multistem 3, east edge of landscape, trunk bend east	Direct conflict with site construction	790	Black Locust	Subject site	15	4	3	poor	Multistem 4, 1 topped	Direct conflict with site construction	966	Black Locust	Subject site	28	5	4	fair	Canopy leaders with included bark, dead lower branches	Direct conflict with site construction	1042	Overburn	Future Sydorko Rd	12	4	4	fair	Suppressed, scraggly form	Direct conflict with proposed Rd
653	Cottonwood	Subject site	15	2	3	good	Direct conflict with site construction	791	Black Locust	Subject site	24	5	4	good	Direct conflict with site construction	967	Black Locust	Subject site	16.17	4	4	fair	Canopy leaders with included bark, dead lower branches	Direct conflict with site construction	1043	Black Locust	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd		
654	Cottonwood	Subject site	26.25	7	5	good	Multistem 2, primary union at grade	Direct conflict with site construction	792	Black Locust	Subject site	21	6	4	good	Direct conflict with site construction	968	Black Locust	Subject site	16.17	4	4	fair	Canopy leaders with included bark, dead lower branches	Direct conflict with site construction	1044	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd	
655	Cottonwood	Subject site	46	7	4	good	Direct conflict with site construction	793	Black Locust	Subject site	1	3	3	poor	Direct conflict with site construction	969	Black Locust	Subject site	24.9	5	4	fair	Multistem 3, dead lower branches	Direct conflict with site construction	1045	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd		
656	Cottonwood	Subject site	25.8	5	3	good	Multistem 2, significant dead wood, trunk bend east	Direct conflict with site construction	794	Black Locust	Subject site	12	3	4	good	Direct conflict with site construction	970	Black Locust	Subject site	28	5	4	fair	Canopy leaders with included bark, dead lower branches	Direct conflict with site construction	1046	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd	
742	Cottonwood	Subject site	20	3	4	fair	Large crown at taller upland site	Direct conflict with site construction	795	Black Locust	Subject site	28	4	4	good	Direct conflict with site construction	971	Black Locust	Subject site	17.28	5	4	fair	Multistem 4, dead lower branches	Direct conflict with site construction	1047	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd	
743	Cottonwood	Subject site	12	2	3	poor	Understorey, large hollow at base, little epicormic growth	Direct conflict with site construction	796	Black Locust	Subject site	24	6	4	fair	Direct conflict with site construction	972	Cottonwood	Subject site	40	9	5	fair	Canopy leaders with included bark, dead lower branches	Direct conflict with site construction	1048	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd	
744	Cottonwood	Subject site	10	1	5	poor	Multistem 2, bulging primary union, epicormic growth	Direct conflict with site construction	797	Ash	Subject site	11	5	1	poor	Direct conflict with site construction	973	Mulberry	Subject site	30	3	5	fair	low branched	Direct conflict with site construction	1049	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd	
745	Cottonwood	Subject site	25	4	4	good	Direct conflict with site construction	798	Black Locust	Subject site	16	2	2	poor	Multistem 2, significant bulging, understorey	Direct conflict with site construction	974	Mulberry	Subject site	40	3	5	fair	Multistem 7, low branched	Direct conflict with site construction	1050	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd	
746	Cottonwood	Subject site	28	4	4	good	Direct conflict with site construction	799	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	975	Mulberry	Subject site	40	3	5	fair	Multistem 7, low branched	Direct conflict with site construction	1051	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd		
747	Cottonwood	Subject site	10	1	5	poor	Direct conflict with site construction	800	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	976	Mulberry	Subject site	40	3	5	fair	Multistem 7, low branched	Direct conflict with site construction	1052	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd		
748	Cottonwood	Subject site	24	4	5	good	Direct conflict with site construction	801	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	977	Mulberry	Subject site	40	3	5	fair	Multistem 7, low branched	Direct conflict with site construction	1053	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd		
749	Cottonwood	Subject site	10	1	4	fair	Direct conflict with site construction	802	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	978	Mulberry	Subject site	40	3	5	fair	Multistem 7, low branched	Direct conflict with site construction	1054	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd		
750	Cottonwood	Subject site	32	5	5	good	Direct conflict with site construction	803	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	979	Mulberry	Subject site	40	3	5	fair	Multistem 7, low branched	Direct conflict with site construction	1055	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd		
751	Cottonwood	Subject site	10.23	5	5	good	Multistem 2	Direct conflict with site construction	804	Black Locust	Subject site	10	1	4	poor	Direct conflict with site construction	980	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	1056	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd		
752	Cottonwood	Subject site	31	5	5	good	Direct conflict with site construction	805	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	981	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	1057	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd			
753	Cottonwood	Subject site	14	2	4	good	Direct conflict with site construction	806	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	982	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	1058	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd			
754	Cottonwood	Subject site	38	5	5	good	Direct conflict with site construction	807	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	983	Black Locust	Subject site	16	2	2	poor	Direct conflict with site construction	1059	Black Walnut	2550 Mountbatten Street	35.34	4	4	fair	Multistem 2, dead wood	Direct conflict with proposed Rd			
755	Cottonwood	Subject site	19	4	5	good	Direct conflict with site																												