

Project 16: BATVIEW WOOD, ST. AVE       Project 16: BATVIEW WOOD, ST. AVE       Image: Stand and and and and and and and and and					
19 19 19 10 10 10 10 10 10 10 10 10 10		105		6241 6240 6239 6239	65
5 5 Trees to be removed to b	1 <sup>19</sup> 9				
Approximate # of       Number of Trees       Number of Trees         Trees       to be removed       to be         Project 16, Totals       96       8	5		Droiget 16: P		
Treesto be removedto beProject 16, Totals968					
Project 16, Totals 96 8					
		Project 16. Totals			

## Trees to be preserved (if possible)

Tree No	Tree Species	Tree Species			
714	ACER PLATANOIDES	Norway Maple	ModHigh	71	
723	TILIA CORDATA	Littleleaf Linden	ModHigh	68	
700	PICEA PUNGENS GLAUCA	Colorado Spruce	ModHigh	19	
704	PICEA PUNGENS GLAUCA	Colorado Spruce	ModHigh	17	
705	PICEA GLAUCA	White Spruce	ModHigh	24	

Tree No	Tree Species		Conditions	Diameter (cm)
703	ACER PALMATUM	Japanese Maple	ModHigh	8
707	TSUGA CANADENSIS	Canadian Hemlock	ModHigh	25
708	TSUGA CANADENSIS	Canadian Hemlock	ModHigh	23
709	LIQUIDAMBAR STYRACIFLUA	American Sweetgum	ModHigh	8
710	PICEA OMORIKA	Serbian Spruce	ModHigh	6
711	BETULA PAPYRIFERA	Paper Birch	ModHigh	27
712	BETULA PAPYRIFERA	Paper Birch	ModHigh	42
713	POPULUS NIGRA ITALICA	Black Poplar	ModHigh	20
715	PICEA ABIES	Norway Spruce	Moderate	52
716	MORUS ALBA	White Mulberry	Moderate	19
717	FAGUS SYLVATICA ATROPUNICEA	Copper Beech	ModHigh	5
718	BETULA PAPYRIFERA	Paper Birch	ModHigh	37
719	ACER PLATANOIDES	Norway Maple	ModHigh	83
720	GLEDITSIA TRIACANTHOS VAR INERMIS	Smooth Honeylocust	ModHigh	10
721	GLEDITSIA TRIACANTHOS VAR INERMIS	Smooth Honeylocust	ModHigh	29
722	FAGUS SYLVATICA ATROPUNICEA	Copper Beech	ModHigh	31
724	ACER PLATANOIDES	Norway Maple	ModHigh	65
725	ACER PLATANOIDES	Norway Maple	ModHigh	44
692	ACER PLATANOIDES	Norway Maple	High	61
6238	TSUGA CANADENSIS	Canadian Hemlock	ModHigh	30
6239	SYRINGA RETICULATA IVORY SILK	Japanese Tree Lilac	ModHigh	15
6240	GINKGO BILOBA	Ginkgo	ModHigh	22
6241	TSUGA CANADENSIS	Canadian Hemlock	ModHigh	34

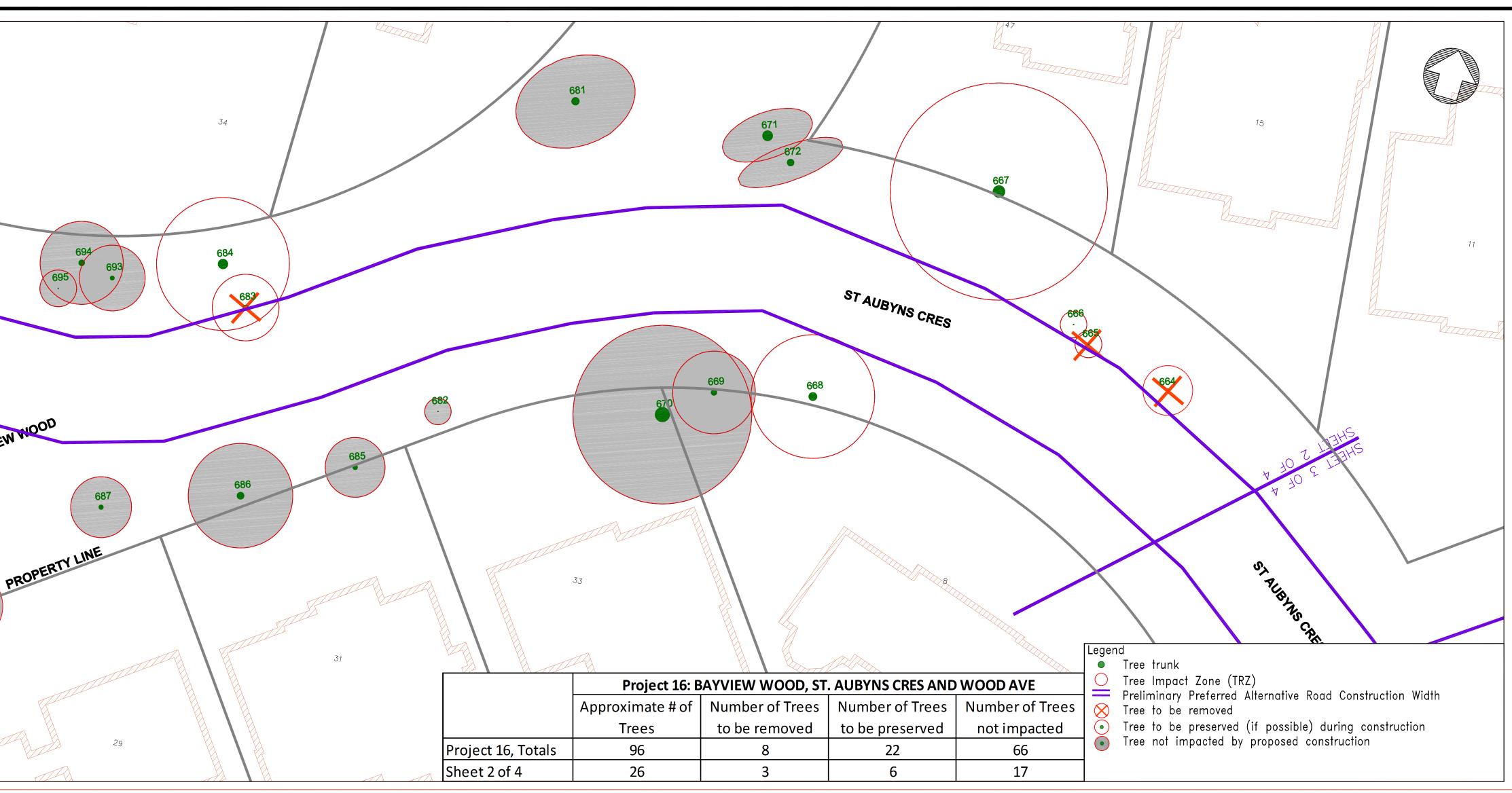
			<b>TORONTO</b> Engineering & Construction Services				(16) BAYVIEW WOOD, ST. AUBYNS CRES AND WOOD AVE							
						JOHN P. KELLY, P.ENG. Director, Design & Construction Linear Underground Infrastructure	City of Toronto							
							Plan and Profile (Not for Construction)							
					MICHAEL D'ANDREA, P.ENG. EXECUTIVE DIRECTOR Engineering &		DESIGN:	CR	DRAFTING:	CR	CHECK:	PT	CONTRACT No.	
						Manager, Design & Construction Linear Underground Infrastructure	SCALE:	Н	DR 1:200 VER 1:	100	DRAWING		·	SHEET No.
REVISIONS	INITIAL	SIGNED			Construction Services Basement Flooding Protection		DATE:		11/05/2015		NUMBER:			1 OF 4

6238 MA 708 707 705 692 Legend Tree trunk Preliminary Preferred Alternative Road Construction Width UBYNS CRES AND WOOD AVE Number of Trees Number of Trees X Tree to be removed Tree to be preserved (if possible) during construction
 Tree not impacted by proposed construction be preserved not impacted 66 22 23 5 .....

### Trees not Impacted



	691 •	to the second se		699 698 • 697 696 • •	
			690		BAYVIEW NC
			M		A31 PROF
Trees to be 1 <b>Tree No</b> 665 683 664	removed <u>Tree Species</u> PICEA OMORIKA PICEA PUNGENS GLAUCA PSEUDOTSUGA MENZIESII	Serbian SpruceNColorado SpruceN	ondition [ lodHigh lodHigh oderate	Diameter (cm) 9 39 28	
	<b>MToronto</b>				
Consultants		Aquafor Beech Limited	   No.	DATE	



## Trees to be preserved (if possible)

Tree Species	Condition	Diameter (cm)	
PICEA GLAUCA	White Spruce	ModHigh	11
PINUS NIGRA	Black Pine	ModHigh	53
PICEA OMORIKA	Serbian Spruce	ModHigh	7
QUERCUS RUBRA	Red Oak	ModHigh	92
GLEDITSIA TRIACANTHOS VAR INERMIS	Smooth Honeylocust	High	63
QUERCUS RUBRA	Red Oak	ModHigh	75
	PICEA GLAUCA PINUS NIGRA PICEA OMORIKA QUERCUS RUBRA GLEDITSIA TRIACANTHOS VAR INERMIS	PICEA GLAUCAWhite SprucePINUS NIGRABlack PinePICEA OMORIKASerbian SpruceQUERCUS RUBRARed OakGLEDITSIA TRIACANTHOS VAR INERMISSmooth Honeylocust	PICEA GLAUCAWhite SpruceModHighPINUS NIGRABlack PineModHighPICEA OMORIKASerbian SpruceModHighQUERCUS RUBRARed OakModHighGLEDITSIA TRIACANTHOS VAR INERMISSmooth HoneylocustHigh

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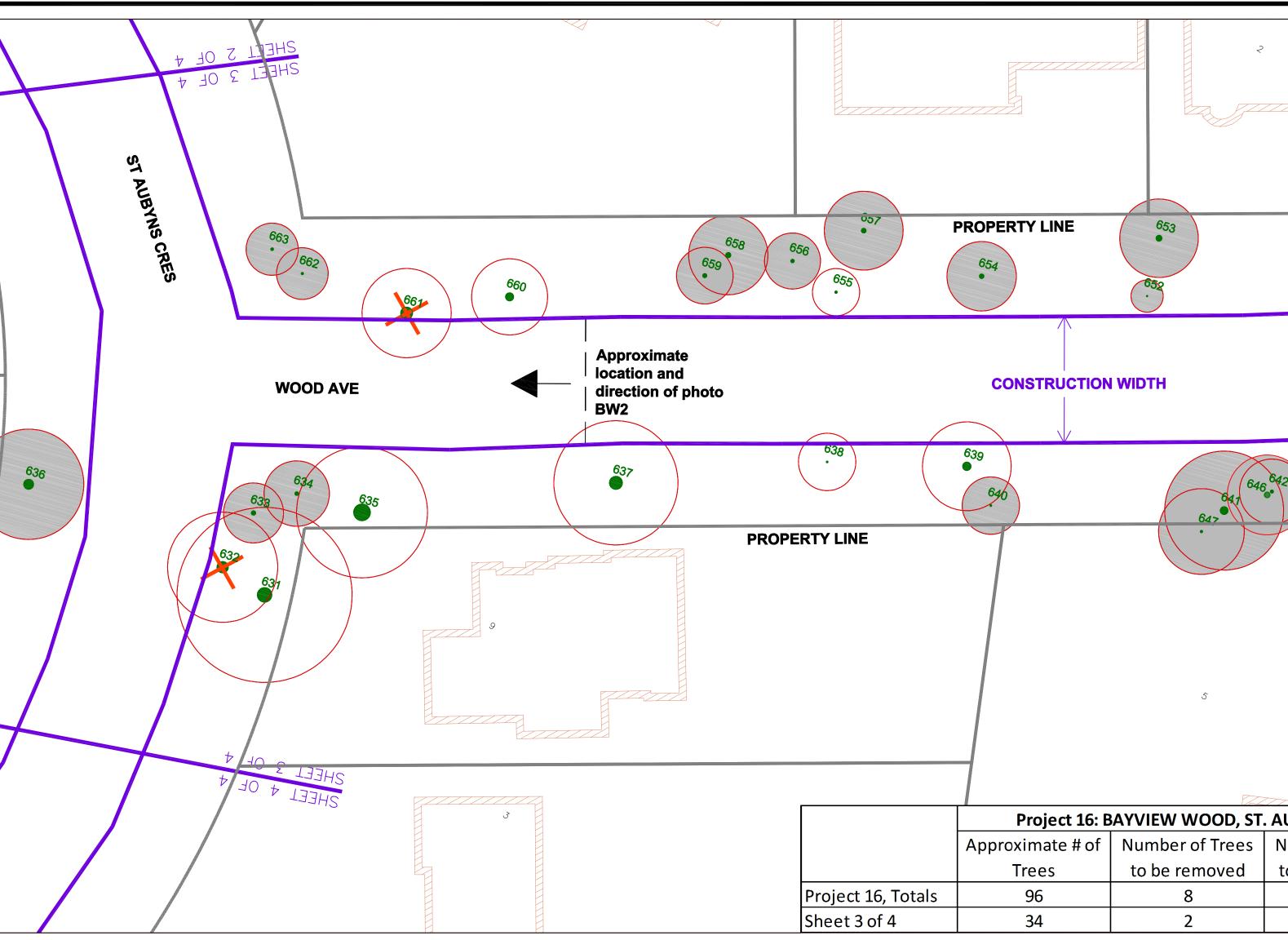
			<b>TORONTO</b> Engineering & Construction Services					BAY	VIEW WO	DOD, S	ST. AUI	BYNS	CRES AND WOO	D AVE	
				JOHN P. KELLY, P.ENG. Director, Design & Construction Linear Underground Infrastructure				City of Toronto							
						U	Plan and Profile (Not for Construction)								
						MICHAEL D'ANDREA, P.ENG.		DESIGN:	CR	DRAFTING:	CR	CHECK:	PT	CONTRACT No.	
					EXECUTIVE DIRECTOR Engineering &	Manager, Design & Construction Linear Underground Infrastructure	SCALE:	H	IOR 1:200 VER 1:	100	DRAWING			SHEET No.	
REVISIONS	INITIAL	SIGNED			Construction Services	Basement Flooding Protection Program	DATE: 11/05/2015 NUMBER:			SHEET No. 2 OF 4					

### Trees not Impacted



ree No	Tree Species		Condition	Diameter (cm)
669	GLEDITSIA TRIACANTHOS VAR INERMIS	Smooth Honeylocust	ModHigh	44
670	ACER SACCHARINUM	Silver Maple	High	112
671	QUERCUS RUBRA	Red Oak	ModHigh	78
672	QUERCUS RUBRA	Red Oak	ModHigh	53
681	ACER PLATANOIDES	Norway Maple	ModHigh	59
682	ACER GINNALA	Amur Maple	ModHigh	6
685	PINUS NIGRA	Black Pine	ModHigh	36
686	QUERCUS RUBRA	Red Oak	High	54
687	PICEA GLAUCA	White Spruce	ModHigh	34
690	TAXUS CUSPIDATA	Japanese Yew	ModHigh	34
691	ACER PLATANOIDES	Norway Maple	Low	48
693	TAXUS CUSPIDATA	Japanese Yew	Moderate	32
694	PINUS NIGRA	Black Pine	ModHigh	45
695	ULMUS AMERICANA	White Elm	ModHigh	6
696	QUERCUS RUBRA	Red Oak	ModHigh	36
699	PICEA GLAUCA	White Spruce	ModHigh	16
A31	PICEA GLAUCA	White Sprue	Moderate	41

		630	36	ST AUBYNS	$\frac{1}{2} \frac{1}{3} \frac{1}$			Appro ocatio directi 3W2
Trees to	be removed	Z	<u> </u>		Trees	to be preserve	d (if	pos
					er (cm) Tree No			1
<b>Tree No</b> 632	Tree Species QUERCUS RUBRA		n <b>dition</b> odHigh	Diamet 74		ACER SACCHAI	RUM S	SP SA
661	QUERCUS RUBRA		odHigh	78	8 651	ACER SACCHAI		
					655	SORBL		
					660 631		A COR RCUS I	
					635		RCUS I	
					637	ACER SACCHA		
					638	THUJA		
					639	ACER SACCHAI		<u>-SP SA</u>
	DA TORONTO							
		-	┥──					
		Aquafor Beech						
		#6-202-2600 SKYMARK Ave, MISSISSAUGA, ONTARIO, L4W 582			REVISIONS			
Consultan		PHONE: (905) 629-0099, FAX: (905) 629-0089	No.	DATE	REVISITINS	I !!	NITIAL	SIGNE



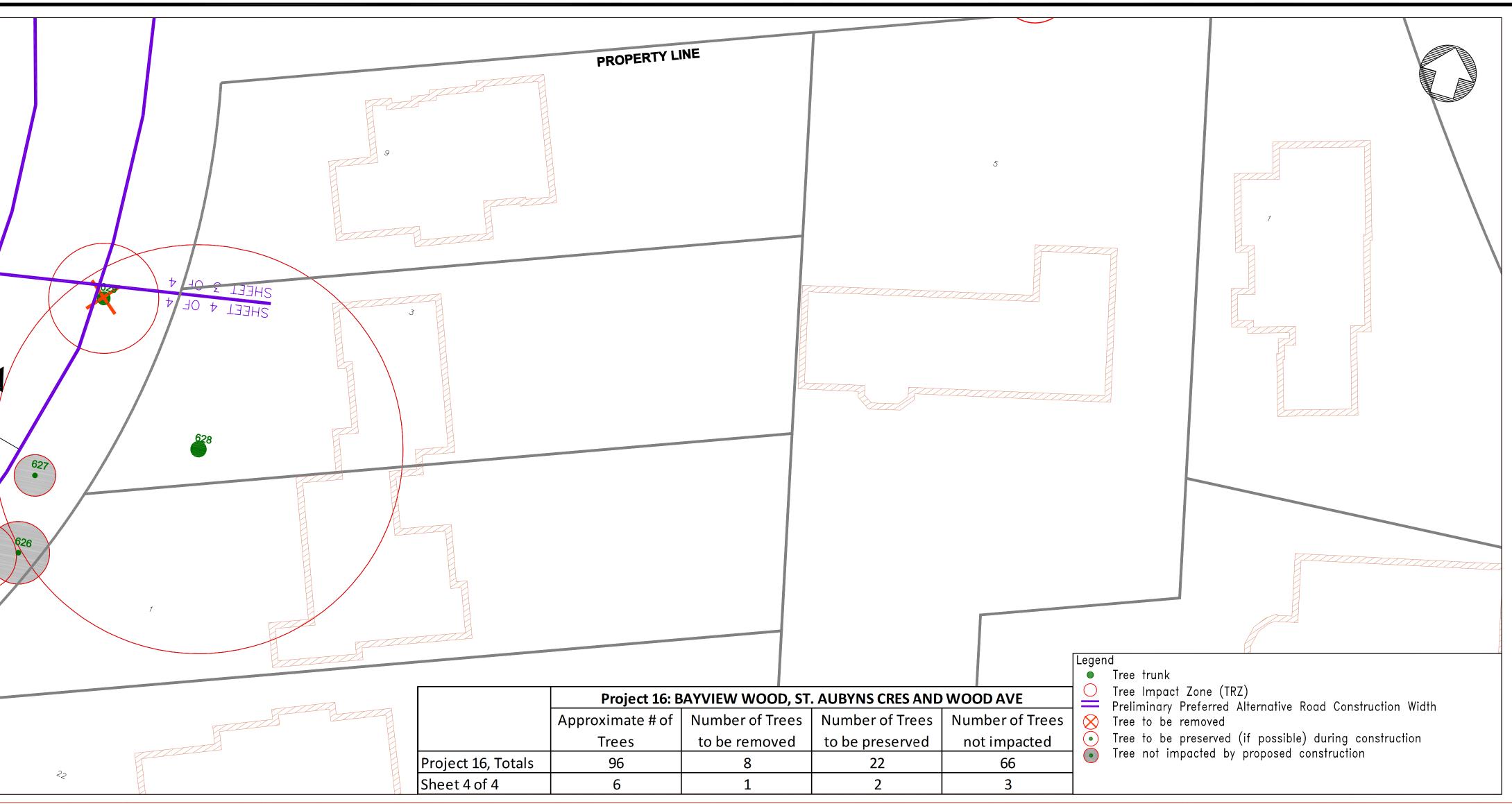
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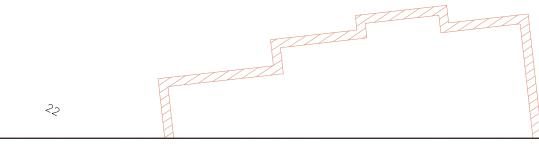
Tree No	Tree Species		Condition	Diameter (cm)
649	ACER SACCHARUM SSP SACCHARUM	ACER SACCHARUM SSP SACCHARUM Sugar Maple		33
<mark>6</mark> 51	ACER SACCHARUM SSP SACCHARUM	Sugar Maple	High	54
655	SORBUS AUCUPARIA	Mountain Ash	ModHigh	16
660	TILIA CORDATA	Littleleaf Linden	High	53
631	QUERCUS RUBRA	Red Oak	ModHigh	95
635	QUERCUS RUBRA	Red Oak	High	109
637	ACER SACCHARUM SSP SACCHARUM	Sugar Maple	ModHigh	85
638	THUJA OCCIDENTALIS	Eastern White Cedar	ModHigh	12
639	ACER SACCHARUM SSP SACCHARUM	Sugar Maple	ModHigh	55

2						
		650 651 649				
646	642 • •					
ST.	AUBYNS		Tree trunk Tree Impact Zone (TRZ) Preliminary Preferred Altern	ntive Road (	Construction Width	
es I		r of Trees Number of Trees S reserved not impacted •	Tree to be removed Tree to be preserved (if po	ssible) durir	ng construction	
		22 66 • 9 23	Tree not impacted by prop	osed constru	ction	
F	Tree No	ot Impacted •• Tree Species		Condition	Diameter (cm)	
_	630 636	ACER PLATANOIDES ACER PLATANOIDES	Norway Maple Norway Maple	ModHigh ModHigh	31 65	
	633	ACER PLATANOIDES	Norway Maple	ModHigh	29	
	634	ACER PLATANOIDES	Norway Maple	ModHigh	24	
	640 641	PICEA ABIES ACER SACCHARUM SSP SACCHARUM	Norway Spruce	ModHigh Moderate	12 51	
┢	641 642	ACER SACCHARUM SSP SACCHARUM	<u> </u>	Moderate ModHigh	51 21	
	643	ACER SACCHARUM SSP SACCHARUM		ModHigh	14	
	644	ACER SACCHARUM SSP SACCHARUM	V	ModHigh	22	
┝	645 647	ACER SACCHARUM SSP SACCHARUM ACER SACCHARUM SSP SACCHARUM		Moderate ModHigh	42 16	
	648	ACER PLATANOIDES	Norway Maple	High	53	
	650 652			ModHigh ModHigh	65 9	
┢	652	AMELANCHIER LAEVIS ACER RUBRUM	Smooth Serviceberry Red Maple	ModHigh Low	39	
	654	ACER PLATANOIDES	Norway Maple	Moderate	30	
	656		Norway Maple	ModHigh	23	
1	657	BETULA PAPYRIFERA BETULA PAPYRIFERA	Paper Birch Paper Birch	Moderate ModHigh	31 34	
$\left  \right $	65× '	BETULA PAPYRIFERA	Paper Birch	ModHigh	27	
	658 659			ModHigh	15	
	659 662	PICEA OMORIKA	Serbian Spruce			
	659 662 663	PICEA OMORIKA PICEA OMORIKA	Serbian Spruce	ModHigh	18	
	659 662	PICEA OMORIKA	Serbian Spruce			
J( lirect	659 662 663	PICEA OMORIKA PICEA OMORIKA ACER SACCHARUM SSP SACCHARUM 16 BAYVIEW WC	Serbian Spruce Sugar Maple OOD, ST. AUBYNS City of Toronto	ModHigh Moderate	18 38	E
J	659 662 663 646	PICEA OMORIKA PICEA OMORIKA ACER SACCHARUM SSP SACCHARUM 16 BAYVIEW WC	Serbian Spruce Sugar Maple OOD, ST. AUBYNS City of Toronto Plan and Profile (Not for Cons	ModHigh Moderate CRES AN	18 38 ND WOOD AV	E
irect lear anag	659 662 663 646	PICEA OMORIKA PICEA OMORIKA ACER SACCHARUM SSP SACCHARUM ACER SACCHARUM SSP SACCHARUM 000000000000000000000000000000000000	Serbian Spruce Sugar Maple ODD, ST. AUBYNS City of Toronto Plan and Profile (Not for Cons CR CHECK: PT	ModHigh Moderate	18 38 ND WOOD AV	E SHEET NO.

S	~	$\triangleleft$						\$						
662	660		658 659 •	56 655 •	PROPERTY 654 •	LINE	653 • • •		650 651	649 •				
OOD AVE		Approxima location an direction o BW2	d		CONS		WIDTH							
634		637	PROPE	est constant of the second sec	639 640		647	646 642 64	644 645		648			
	9						S							
SHEEL	З			Project 16, Tot Sheet 3 of 4	Approxir Tre	nate # of ees 6	AYVIEW WOOD, Number of Tree to be removed 8 2	es Number d to be pr	<b>CRES AND</b> r of Trees reserved 22 9	7	Legend Tree trunk Tree Impact Zone (TRZ) Preliminary Preferred Altern Tree to be removed Tree to be preserved (if po Tree not impacted by prop	ossible) durir	ng construction	
Trees to	be preserved	l (if possib	le) 5885 •					T	ot Impac				Diamatan (ana)	
<b>Tree No</b> 649	ACER SACCHARU		Species	Sugar Maple	Condition D Moderate	iameter (cm 33	<u>)</u>	<b>Tree No</b> 630		Tree Sp ACER PLATANOIDES	Norway Maple	ModHigh	Diameter (cm) 31	
651	ACER SACCHARU			Sugar Maple	High	<u> </u>	-	636		ACER PLATANOIDES	Norway Maple	ModHigh	65	
655	SORBUS	AUCUPARIA	N	lountain Ash	ModHigh	16		633		ACER PLATANOIDES	Norway Maple	ModHigh	29	
660		CORDATA	Lit	tleleaf Linden	High	53	_	634 640	/	ACER PLATANOIDES PICEA ABIES	Norway Maple Norway Spruce	ModHigh ModHigh	24 12	
631 635		CUS RUBRA		Red Oak Red Oak	ModHigh High	95 109	-	641	ACER SA	CCHARUM SSP SACCH		Moderate		
637	ACER SACCHARU		ARUM	Sugar Maple	ModHigh	<u>85</u>	-	642		CCHARUM SSP SACCH	ŭ	ModHigh	21	
638		CCIDENTALIS		ern White Cedar		12		643		CCHARUM SSP SACCH	v	ModHigh	14	
639	ACER SACCHARU	JM SSP SACCH	ARUM	Sugar Maple	ModHigh	55		644 645		CCHARUM SSP SACCH	v	ModHigh Moderate	22 42	
								645		CCHARUM SSP SACCH	¥	Moderate ModHigh	16	
								648		ACER PLATANOIDES	Norway Maple	High	53	
								650	ACER SA	CCHARUM SSP SACCH	·	ModHigh	65	
								652	Α		Smooth Serviceberry		9	
								653 654		ACER RUBRUM	Red Maple Norway Maple	Low Moderate	39 30	
								656		ACER PLATANOIDES	Norway Maple	ModHigh		
								657		BETULA PAPYRIFERA	Paper Birch	Moderate		
								658		BETULA PAPYRIFERA	Paper Birch	ModHigh	34	
								659	[	BETULA PAPYRIFERA	Paper Birch	ModHigh	27	
								662 663			Serbian Spruce	ModHigh ModHigh	15	
								646	ACFR SA	PICEA OMORIKA	Serbian SpruceARUMSugar Maple	ModHigh Moderate	18 38	
			<b>Matoronto</b> e	ngineering & Co	onstruction Servic	es					WOOD, ST. AUBYNS City of Toronto			
								JOHN P. KELLY, Director, Design & Co inear Underground Ir	onstruction frastructure	<u> </u>				
										DESIGN: CR DRA	Plan and Profile (Not for Cons FTING: CR CHECK: PT			
						EXECUTIVE	NDREA, P.ENG. E DIRECTOR	Manager, Design & C inear Underground Ir sement Flooding Prote	onstruction		FTING:   CR   CHECK:   PT     O VER 1:100   DRAWING	CONTRACT No		SHEET No.
REVISIONS	INIT	TIAL SIGNED				Engine Constructi	ering & L on Services Bas	sement Flooding Prote	ection Program		5/2015 NUMBER:			3 OF 4

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76 -20	726		E CREE	A CO	625 •
		ST AU	orns cate		
Trees to be removedImage: Comparison of the second sec		<b>ition D</b> High	<b>iamete</b> 99	er (cm)	
DA TORONTO					
	Aquafor Beech Limited				
Consultants	PHONE: (905) 629-0099, FAX: (905) 629-0089	No.	DATE		





	Project 16: B	AYVIEW WOOD, ST	. AL
	Approximate # of	Number of Trees	Νı
	Trees	to be removed	to
Project 16, Totals	96	8	
Sheet 4 of 4	6	1	

# Trees to be preserved (if possible)

Tree No	Tree Species	Condition	Diameter (cm)		
625	GLEDITSIA TRIACANTHOS VAR INERMIS	Smooth Honeylocust	ModHigh	38	
628	QUERCUS RUBRA	Red Oak	ModHigh	119	

Tree N
626
726
627

			<b>Matoronto</b> Enginee	(16) BAYVIEW WOOD, ST. AUBYNS CRES AND WOOD AVE									
					JOHN P. KELLY, P.ENG. Director, Design & Construction Linear Underground Infrastructure		City of Toronto						
							Plan and Profile (Not for Construction)						
				MICHAEL D'ANDREA, P.ENG.		DESIGN:	CR	DRAFTING:	CR	CHECK:	PT	CONTRACT No.	
				EXECUTIVE DIRECTOR Engineering &	Manager, Design & Construction Linear Underground Infrastructure	SCALE: HOR 1:200 VER 1:100		DRAWING			SHEET No.		
REVISIONS	INITIAL	SIGNED		Construction Services	Basement Flooding Protection Program	DATE:		11/05/2015		NUMBER:			4 OF 4

### Trees not Impacted



No	Tree Species		Conditions	Diameter (cm)
26	PSEUDOTSUGA MENZIESII	Douglas Fir	Moderate	37
26	ROBINIA PSEUDOACACIA	Black Locust	ModHigh	74
27	MALUS BACCATA	Siberian Crabapple	Moderate	37