

## ISA Basic Tree Risk Assessment Form

	eridian Pointe Apartments Date 10/17/2	Date 10/17/2022 Time 13:11 PM												
	/Tree location 407 Valley Ave NE, Puyallup, WA 98372 Tre													
-	lncense Cedar (Calocedrus decurrens) dbh16.7" Height 40'			vn spi	read dia. <u>20</u>	)'								
Assesso	r(s) Eric Mullin Time frame 1yr Tools	used <u>V</u>	isual											
	Target Assessment													
Target	Target description	Target within drip line	Target taket within 1 x Ht.		Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?							
1	Play Structure	╅╴	<u></u>	-	2	N	N							
2	Pedestrians	+	<del>                                     </del>		1	N	N							
3	1 data in a la constant	+												
4		+												
	Site Factors					<u>.                                    </u>								
Site cha Soil con Prevaili	of failures None visible Topographinges None □ Grade change □ Site clearing □ Changed soil hydrology □ Root cuts ■ Describe litions Limited volume □ Saturated □ Shallow □ Compacted □ Pavement over roots ■ 45 ag wind direction West Common weather Strong winds □ Ice ■ Snow ■ Heavy rain ■ Image: Tree Health and Species Profile	Surface _% Des escribe	roots scribe Seaso	cut a	t Back of W	/alk								
Pests	ow □ Normal ■ High □ Foliage None (seasonal) □ None (dead) □ Normal 80  Abiotic Water stress. Sunburned foliage Failure profile Branches ■ Trunk □ Roots □ Describe Branch failures from overloading.		Chloro	tic <u>20</u>	% Ne	crotic _	%							
	Load Factors													
Wind ex	Load Factors  Wind exposure Protected □ Partial ■ Full □ Wind funneling □ Relative crown size Small □ Medium ■ Large □													
Crown density Sparse ☐ Normal ■ Dense ☐ Interior branches Few ☐ Normal ■ Dense ☐ Vines/Mistletoe/Moss ☐														
Recent o	Recent or planned change in load factors Potential seasonal snow/ice load factors.													
Tree Defects and Conditions Affecting the Likelihood of Failure														
	— Crown and Branches —													
D Bi O Pi Ci Ri	abalanced crown □ LCR 71  % Cracks □	lls/Burls d decay		Cavity/ Similar Sapwo	Included Nest hole branches prod damage/	d bark [ % cir resent [ decay [	rc.							
1	ad on defect N/A													
Co Sa Li <sub>į</sub> Ca Le Re M	pwood damage/decay ☐ Cankers/Galls/Burls ☐ Sap ooze ☐ Ooze ☐ Cavit  htning damage ☐ Heartwood decay ☐ Conks/Mushrooms ☐ Cracks ☐ Cut/Damage	ed roots So er buttre scaffold	epth	Conks/rc. stance kness [ W-sign W-s	Stem gi Mushrooms  from trunk  de ide producin E-side.	□ 12" g	- - -							

						, ,		Risk Cate	goriza	atio	1													
-e-							_						Likel	ihoo	d_					_				
Condition number						"	number		Fa	ilure	2	l	Imp	act			ire &			Con	seq	uenc	es	
חם						Fall distance	E		٦	Т	$\top$	Н				(11	om M	П				Т		Risk
tion					Part size	lista			Improbable	ءِ ا يِ	ent	ž		٤		<u>_</u>	Somewhat		Very likely	ible		Significant	0	rating of part
ndi			Condition	- 1	Ĭ	<del> </del>	Target	Target	pro H	Possible	Imminent	Very low	>	Medium	High	Unlikely	m ev	Likely	<u>=</u>	Negligible	Minor	, ui	Severe	(from
ŭ	Tree pa	art	of concer	1	Pa	E.	ㅁ	protection	트   6	8   9	트	>	Low	ž	Ξ̈́	ว	S	<u> </u>	<u>\$</u>	ž	Ξ	Sig	Se	Matrix 2)
	Roots		palanced ro	ot	8	40'	1	None		<b>)</b> (			$\bigcirc$	$\odot$	O	$\odot$	0				$\odot$		O	Low
1			relopment scially & cor	orata	8	40'	2	None		<b>5</b> (			$\bigcirc$	0	$\bigcirc$	lacksquare	$\bigcirc$				$\bigcirc$		a	Low
			nage.	iciete						56		K	Ŏ	Ă	eq	ŏ	$\stackrel{\smile}{\sim}$	$\preceq$	۲	$\tilde{\prec}$	$\stackrel{\sim}{\sim}$	$\stackrel{\sim}{\sim}$	ă	
									$\frac{\mathcal{L}}{\mathcal{L}}$			K		$\bowtie$	$\asymp$	$\bowtie$	$\bowtie$	$\simeq$	$\bowtie$	싀	$\bowtie$	$\bowtie$	끩	
,									$\bigcirc$	4		<b>(</b>	$\supseteq$	4	닠	$oldsymbol{eta}$	<u> </u>	9	灲		$\subseteq$	4	닠	
2				ļ					<u> </u>	X	<u> </u>		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\odot$	$\bigcirc$			$oldsymbol{\odot}$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
									$\odot$ (	$\mathbb{C}$		<b> </b>	$\bigcirc$		O	$ \mathbf{O} $	0			$\odot$	$\bigcirc$		O	
				Î						7			O		$\bigcirc$	$\bigcirc$	$\bigcirc$				$\bigcirc$		a	
3								1				K	$\stackrel{\sim}{\sim}$	$\stackrel{>}{\sim}$	$\stackrel{>}{ ightarrow}$	$\stackrel{>}{\sim}$	$\stackrel{\smile}{\supset}$	$\preceq$	Ă	$\tilde{\prec}$	$\stackrel{\sim}{\supset}$	$\stackrel{\sim}{\supset}$	커	
										#		$\mathbb{H}$	$\cong$	$\bowtie$	띩	$\bowtie$	$\stackrel{\smile}{\simeq}$		쑀	싀	$\cong$	$\preceq$	쉬	
									9	4			$\bigcirc$	9	잌	Q	<u> </u>	Y	엑	y	$\underline{Q}$	$\mathbb{Q}$	잌	
										<u>)(</u>	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$			$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
4										$\supset \subset$			O		O		$\bigcirc$			0	$\bigcirc$		$\bigcirc$	
				İ						7					$\bigcirc$	Ō	O						Ō	
_									<u> </u>	<u> </u>	<u> </u>			<u> </u>			<u> </u>	<u> </u>	$\smile_1$	<u> </u>	<u> </u>	<u></u>	<u>_</u> ,	
Matı	ix I . Likel	ihood m	atrix.								+			+	+			+	+		+	+		
Like	lihood		Like	lihood	of Imp	acting <sup>1</sup>	Target	i																
of Failure Very low Low			N	Г	Vledium		High																	
		Unlikel	y Somewh	Somewhat likely		Likely		Very likely			+			+	+			+	_		+	_		
Pro	bable	Unlikel	y Unlik	ely	Som	ewhat li	kely	Likely			$\perp$													
	ssible	Unlikel			_	Unlikely		Somewhat likel	У															
Imp	robable	Unlikel	y Unlik	ely		Unlikely		Unlikely			+													
Matr	ix2. Risk	rating m	atrix.						_		$\perp$													
Li	kelihood	of		Cons	equer	ices of F	ailur	9																
Fai	ure & Im	pact	Negligible	Min	or	Signif	icant	Severe			$\top$													
	Very like	ly	Low	Mode	rate	Hi	gh	Extreme			+													
	Likely		Low	Mode	rate	Hi	gh	High													No	orth		
Sor	newhat l	ikely	Low	Lo	W	Mod	erate	Moderate																
	Unlikely	'	Low	Lo	W	Lo	W	Low																
				Do	onito	ourront	Low	ovorall rick																
Note ratin	es, expla	i <b>nation</b> s	s, description	nsion-sio	spile de of le	eaning a	s this	would	_															
			6+ of the ro						_										\					
			t roughly 1/3						_															
									_															
	gation o	p 1.0.10						more appropriate	tree	spec	ies foi	r the	spac	e, or	an ——				_ Re	esid	ual	risk	Nor	1e
alter	nate loca	ation on	the proper	y acco	rding	to city o	ode	20.58.005.7											_ Re	esid	ual	risk		
																			_ Re	esid	ual	risk		
																			_ Re	esid	ual	risk		
Ove	all tree	risk rati	ing Low	■ Mo	derate	ь 🗆 н	igh □	Extreme			Wo	rk pr	iori	tv	1 □	2	_	3 □	4					
	all resid		_				_	Extreme				-		-										
							_			_					-									
								ed ■No □Yes-																
Insp	ection lir	nitation	s ■None □	]Visibili	ty □/	Access	□Vin	es   Root coll	ar bur	ried	Desci	ribe												



## ISA Basic Tree Risk Assessment Form

Client M	Meridian Pointe Apartments		Date 10/17/2022 Time 13:11 PM										
	s/Tree location 407 Valley Ave NE, Puyallup, WA 9837		Tree no. AP 1000860237 Sheet										
	ecies Douglas Fir (Pseudotsuga menziesii)		Height 60' Crown spread dia. 45' Tools used Visual										
Assesso	or(s) Eric Mullin	Time frame 1y	Т	ools used Vis	sual								
		Target Assessme	nt										
Target number	Target description	1			Target within 1 x Ht.  Target within and 1 5 x Ht	Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?					
1	Building					4	N N	N N					
2	Cars			V		3	N	N					
3	Pedestrians			V		1	N	N					
4													
	l.	Site Factors											
Site cha	of failures None visible  nges None □ Grade change □ Site clearing □ Changed a  ditions Limited volume ■ Saturated □ Shallow ■ Comp  ng wind direction West Common weather Strong win  Tree H	soil hydrology□ R pacted■ Pavemer	t over roots <b>■</b> 45 v <b>■</b> Heavy rain <b>■</b>	ribe D% Desc	cribe								
Docte	ow □ Normal ■ High □ Foliage None (seasonal failure profile Branches ■ Trunk □ Roots □ Describe	Ahiotic					crotic _	%					
opecies	idiate profile branches = Tranke Roots = Bescribe	Load Factors											
Wind exposure Protected ☐ Partial ☐ Full ■ Wind funneling ☐ Relative crown size Small ☐ Medium ■ Large ☐ Crown density Sparse ☐ Normal ■ Dense ☐ Interior branches Few ☐ Normal ■ Dense ☐ Vines/Mistletoe/Moss ☐ Recent or planned change in load factors Potential seasonal snow/ice load factors.													
	Tree Defects and Conc			T Failure				_					
Do Bi O' <b>Pi</b> Ci Ro Fl	nbalanced crown ■ LCR 75% ead twigs/branches □% overall Max. dia roken/Hangers Number Max. dia ver-extended branches □ runing history rown cleaned □ Thinned □ Raised □ educed ■ Topped □ Lion-tailed □ ush cuts □ Other	Codominant © Weak attachm Previous brand Dead/Missing Conks □ Response grow	I	s/Galls/Burls [	Cavity Simil	Include //Nest hole ar branches p rood damage,	d bark [ % cir resent [ /decay [	rc.					
1	pad on defect N/A ☐ Minor ☐ Model kelihood of failure Improbable ■ Possible ☐ Probab							- - -					
Cc Sa Lig Ca Le Re M	— Trunk —  ead/Missing bark □ Abnormal bark texture/color  codominant stems □ Included bark □ Crack  apwood damage/decay □ Cankers/Galls/Burls □ Sap ooze  ghtning damage □ Heartwood decay □ Conks/Mushroom  avity/Nest hole % circ. Depth Poor tape  ean ° Corrected?  esponse growth  ain concern(s)  bad on defect N/A □ Minor □ Moderate ■ Significa	De   De     De	llar buried/Not vi ad □ D	ecay  avity  maged roots I Soil mage to surro	Conks% circ Distance weakness unding har in 3-5x tru	Stem g  i/Mushrooms  e from trunk  d  dscape and t  nk diam.	rip	_					

								Risk Cate	gori	zati	on														
=														ikel	ihoo	d									
m be						_	ber		ı	Failu	re			Imp	act			ure 8			Coi	nseq	uen	ces	
Condition number						Fall distance	number		o l		$\neg$	$\dashv$	Н	Ċ			(1	rom N	latrix	Ė	Н			$\dashv$	Risk
ļģ.					size	lista			babl	<u>e</u>	ple	ent	<u>×</u>		٤		<u>&gt;</u>	vhat		kely	ible		cant	0	rating of part
Jud			Condition		Part size	=	Target	Target	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Severe	(from
ŭ	Tree pa	_	of concer					protection	트	_	۵	트		) Lo	Σ	Ξ	<u> </u>	S	=	8	Ž	Σ	Šiš	Se	Matrix 2)
	Roots		balanced ro	ot	4"+	15'	1	None	$\bigcirc$	$\odot$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$oldsymbol{\odot}$	Ю	$\odot$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$oldsymbol{\odot}$	$\bigcirc$	Mod
1			velopment acially & cor	ncrete	4"+	60'	2	None		$\odot$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\odot$	0	0		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	0	Low
			mage.	loroto	4"+	60'	3	None	ă	Ŏ	Ă	ă	Ħ	Ŏ	Ŏ	Ŏ	Ŏ	$\tilde{\cap}$	$\tilde{}$	$\tilde{\cap}$	K	$\check{\overline{\frown}}$	$\tilde{a}$	Ŏ	Low
		+							$\approx$	$   \exists $	$\approx$	$\asymp$	片	$\approx$	$\asymp$	$\asymp$	K	$\approx$	$\approx$	$\approx$	片	$\approx$	$\bowtie$	H	
2										斘	$\leq$	炓	$\odot$	$\cong$	$\cong$	$\cong$	$\overline{\mathbb{Q}}$	1	$\subseteq$	$\cong$	$oxed{eta}$	$\cong$	$\cong$	띩	
-									<u> </u>	$\bigcirc$	Y	$\bigcirc$	$oldsymbol{\odot}$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{eta}}}$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$oldsymbol{igo}$	$\bigcirc$	$\bigcirc$	Q	
									$\odot$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$ \mathbf{O} $	$\bigcirc$	$\bigcirc$	$\circ$	$  \odot$	Ю	$\bigcirc$	0	0	$\bigcirc$	$\bigcirc$	$\bigcirc$	
									$\bigcirc$	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\Box$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\overline{\bigcirc}$	$\bigcirc$	$\bigcirc$	
3									Ă	$\tilde{}$	$\tilde{\sim}$	$\check{\lnot}$	Ħ	$\tilde{\subset}$	$\stackrel{\succ}{\smallfrown}$	$\check{\frown}$	$\vdash$		$\stackrel{\sim}{\sim}$	$\tilde{}$	片	$\tilde{\overline{}}$	$\stackrel{\sim}{\sim}$	Ħ	
									$\approx$	$\bowtie$	$\cong$	႓	$\bowtie$	$\approx$	$\bowtie$	$\approx$	$\bowtie$	$\cong$	$\cong$	$\cong$	$\bowtie$	$\approx$	$\cong$	$\bowtie$	
		$\perp$							9	$\underline{Q}$	Y	잌	$\square$	$\supseteq$	$\supseteq$	$\supseteq$	$\overline{\mathbb{Q}}$	Q	$\bigcirc$	Q	M	$\overline{Q}$	Q	M	
									$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
4									$\bigcirc$	$\bigcirc$	O	$\bigcirc$	Ю	$\bigcirc$	Ю	O	Ю	Ю	$\bigcirc$	0	Ю	$\bigcirc$	O	O	
		İ								$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ō		$\bigcirc$	0	Ō	$\bigcirc$		O	
										<u> </u>	<u> </u>														
Matr	ix I . Likel	ihood m	natrix.								_	+	-		+	+			-			+	-		+
Like	elihood		Lik	elihood	of Imp	acting <sup>-</sup>	Target	:																	
of Failure Very low Lo			w Lo	w	l N	/ledium		High																	
lm	minent	Unlike	ly Somewh	at likely		Likely		Very likely			-	+	_		+	+						+			
Pro	obable	Unlike	ly Unli	kely	Some	ewhat li	kely	Likely			_														
	ssible	Unlike			_	Jnlikely	_	Somewhat like	У																
Imp	robable	Unlike	ly Unlii	kely	l	Jnlikely		Unlikely			_	+													
Matr	ix2. Risk	rating n	natrix.								_	_													
Li	kelihood	of		Cons	equen	ces of F	ailure	•																	
Fail	lure & Im	pact	Negligible	Mir	or	Signif	ficant	Severe			_														
	Very like	ly	Low	Mode	rate	Hi	gh	Extreme			_	+										_			
	Likely		Low	Mode	erate	Hi	gh	High														N	orth		
Sor	newhat I	ikely	Low	Lo	w	Mod	erate	Moderate								1							0. 0		
	Unlikely	'	Low	Lo	w	Lo	w	Low																	
				Do	onito (	ourront	Mod	oroto ovorali																	
Note	es, expla	<b>ination</b> It prunin	g of multiple	ons De	roots w	ithin 3-	5x the	erate overall	_																)
			mmended pra						_											\					
			kelihood of fa						_											\					
root	loss.						•		_																
									_																
	gation o	•		d replac	ement	with an	appro	priate tree spec	ies fo	or the	e spa	ace	& loc	cated	d furt	her				F	Resid	lual	risl	No No	<u>ne</u>
awa	from th	e sidev	valk.																	F	Resid	lual	risl	·	
																				F	Resid	lual	risl	<b>·</b>	
																				F	Resid	lual	risl	<b>‹</b>	
Ove	rall tree	risk rat	ting Low	■ Mo	derate	Пн	igh □	Extreme			V	Vor	k nr	iori	tv	1 П	1 2		з Г	] /	1 🗆				
	rall resid		_				_	Extreme					-		-										
							_		_	/-						_									
								ed ■No □Yes-																	
Insp	ection lir	nitatio	ns ■None [	JVisibili	ty 🗆 🗸	Access	□Vin	es □Root coll	ar bu	urie	d De	escri	ibe												



## ISA Basic Tree Risk Assessment Form

Client M	Meridian Pointe Apartments	Date 10/17/2022 Time 13:11 PM								
	s/Tree location 407 Valley Ave NE, Puyallup, WA 9837	Tree i	າດ. <sup>AP</sup> 1	<sup>0238</sup> Sheet of						
Tree spe	ecies Douglas Fir (Pseudotsuga menziesii)	dbh16.5"	Height <u>60'</u>		Crow	n spr	ead dia. <u>35</u>	5'		
Assesso	or(s) Eric Mullin	Time frame 1yr	Tools u	sed Vis	sual					
		Target Assessment	1							
Target number	Target description	1		Target within drip line Target within 1x Ht. Target within 1.5x Ht.			Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?	
1	Building				<u></u>		4	N	N	
2	Cars			<b>V</b>	•		3	N	N	
3	Pedestrians			~			1	1	N	
4										
·	<u> </u>	Site Factors								
Site cha	of failures None visible  nges None □ Grade change □ Site clearing □ Changed  ditions Limited volume ■ Saturated □ Shallow ■ Comp  ng wind direction West Common weather Strong wi  Tree H	soil hydrology□ Ro pacted■ Pavement	over roots ■ 45 9 ■ Heavy rain ■ Des	% Desc	cribe _					
Pests	ow □ Normal ■ High □ Foliage None (seasonal failure profile Branches ■ Trunk □ Roots □ Describe	Ahiotic						crotic _	%	
-		Load Factors								
Crown d	Reposure Protected ☐ Partial ☐ Full ☐ Wind funneling I density Sparse ☐ Normal ☐ Dense ☐ Interior branch or planned change in load factors Potential seasonal snow/ice  Tree Defects and Condition	es Few□ Normal load factors.	I Dense □ Vines/N	listleto						
				ire					_	
Do Br O' <b>Pr</b> Cr Re Fl	nbalanced crown	Codominant  Weak attachment Previous branch Dead/Missing bat Conks  Response growt	failures  Cankers/Galls, Heartwood	/Burls I	_	avity/ Similar Sapwo	Included Nest hole branches produced damage/	d bark [ % cir resent [ 'decay [	rc.	
\	oad on defect N/A ☐ Minor ☐ Mode kelihood of failure Improbable ☐ Possible ☐ Probal	-	] ]						,	
Cc Sa Lig Ca Le Re M	— Trunk —  ead/Missing bark □ Abnormal bark texture/color  bodominant stems □ Included bark □ Crack  apwood damage/decay □ Cankers/Galls/Burls □ Sap ooze  ghtning damage □ Heartwood decay □ Conks/Mushroom  avity/Nest hole % circ. Depth Poor tape  ean ° Corrected?  esponse growth  lain concern(s)  bad on defect N/A □ Minor □ Moderate ■ Significate  kelihood of failure	Dea  SS	— Roots ar buried/Not visible I d □ Decay I e □ Cavity I eks □ Cut/Damaged t plate lifting □  conse growth n concern(s) ards. Root pruning targ d on defect N/A □ lihood of failure	Deplement	pth Co% circ Dist weak weaking	onks/c. tance ness [ g hard x trunl	Stem gi Mushrooms  from trunk  scape and tr	ip	_	

		-						Risk Cate	gori	zati	on														
-e														ikel	ihoo	d_					<b> </b> _				
Condition number						a l	number		ı	Failu	ire			Imp	act			ure 8			Coi	rseq	luen	ces	
ם ר						Fall distance	E I		o l			$\dashv$	Н				(1		IdUIX	Ĺ	H		Ι	Н	Risk
<u>i</u>					size	lista			babl	e l	ple	ent	š		٤		<u>~</u>	wha		kely	ible		cant	<b>a</b> )	rating of part
buo	_		Condition		Part size	<del> </del>	Target	Target	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Severe	(from
ŭ	Tree pa	_	of conce			$\vdash$		protection	=		<u>a</u>	트	ر م	) [c	Σ	픠		Š	٥	×	Ž	Σ	Si	Š	Matrix 2)
	Roots	_	balanced revelopment	oot	4"+	30'	1	None	$\bigcirc$	$\odot$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\odot$	$\bigcirc$	$oldsymbol{\odot}$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$oldsymbol{igo}$	$\bigcirc$	Low
1			acially & co	ncrete	4"+	60'	2	None	$\bigcirc$	$\odot$	$\bigcirc$	O	Ю	$\bigcirc$	$\odot$	$\bigcirc$	$  \odot$	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ю	$\bigcirc$		0	Low
			mage.		4"+	60'	3	None				Ō		<u> </u>		$\overline{\cap}$	<u></u>	Ŏ	Ŏ	$\overline{\bigcirc}$	Ö	Ō		0	Low
		_							ŏ	$\asymp$	$\stackrel{\sim}{\sim}$	커	ŏ	$\asymp$			ŏ	$\asymp$	$\asymp$	$\asymp$	ŏ	$\asymp$	$\vdash$	Ħ	
2						<u> </u>		+	$\overline{}$	$\bowtie$	$\approx$	兴		$\approx$	$\approx$	$\asymp$		$\cong$	$\cong$	$\approx$	K	$\approx$	$\cong$	띩	
-									<u> </u>	$\subseteq$	$\underline{Q}$	잌	$\odot$	$\supseteq$	$\subseteq$	$\subseteq$	Ō	Q	$\bigcirc$	$\bigcirc$	$oxed{oldsymbol{arphi}}$	$\supseteq$	$\mathbb{Q}$	Y	
									<u> </u>	$\bigcirc$	$\bigcirc$	$\bigcirc$	$oldsymbol{\bigcirc}$	$\bigcirc$	$\bigcirc$	$\bigcirc$	oxdot	$\bigcirc$	$\bigcirc$	$\bigcirc$	$oldsymbol{oldsymbol{\odot}}$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
									$\bigcirc$	$\bigcirc$	$\bigcirc$	O	Ю	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ю	O	$\bigcirc$	$\bigcirc$	Ю	$\bigcirc$		O	
3									$\overline{\bigcirc}$	$\overline{\bigcirc}$	$\overline{\bigcirc}$	$\overline{\Box}$	$\Box$	$\overline{\bigcirc}$	$\overline{\cap}$	$\overline{\cap}$		$\overline{\cap}$	$\overline{\bigcirc}$		$\Box$	$\overline{\bigcirc}$			
									$\stackrel{\sim}{\sim}$	$\stackrel{\sim}{\sim}$	$\stackrel{\sim}{\sim}$		otin	$\widetilde{\sim}$	$\stackrel{>}{\sim}$	top	$\bowtie$	$\asymp$	$\asymp$	$\stackrel{\sim}{\sim}$	$\bowtie$	$\asymp$	$\preceq$	Ħ	
		+							$\bowtie$	$\bowtie$	$\bowtie$	႓	$\bowtie$	$\asymp$	$\bowtie$	$\asymp$	$\bowtie$	$\bowtie$	$\bowtie$	$\approx$	$\bowtie$	$\approx$	$\bowtie$	$\bowtie$	
_									잌	$\subseteq$	$\supseteq$	잌	$\square$	$\supseteq$	$\supseteq$	잌	$\mathbb{Q}$	$\square$	$\underline{Q}$	$\bigcirc$	$\mathbb{P}$	$\supseteq$	2	잏	<del> </del>
4									$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	O	
									$\bigcirc$	$\bigcirc$	O	O	O	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ю	O	$\bigcirc$	$\bigcirc$	Ю	$\bigcirc$	Ю	O	
Matrix I . Likelihood matrix.																									
	Likelihood of Impacting Target										_	+	_		+	+			_			+			
of	Failure	Very lo		w	+	/ledium	1	High																	
	minent	Unlike	<u> </u>		<del></del>	Likely		Very likely																	
	obable	Unlike	<u> </u>	kely	+	ewhat li		Likely			_	+	-		+	+			+			+			
	ssible robable	Unlike Unlike	<del>-  </del>	kely	<del></del>	Jnlikely Jnlikely		Somewhat like Unlikely	У																
			-	KCIY	<u> </u>	Jiiiikeiy	!	OTHIRCTY																	
	ix 2. Risk	Ť	iau ix.								-	+	$\dashv$		+	+			+			+			
!	kelihood	_		_		ces of I					_	_	_		_				_			_			
	lure & Im	-	Negligible	Mir			ficant	+																	
	Very like	ly	Low	Mode	i		gh ~b	Extreme			_					+									
Sor	Likely newhat l	ikaly	Low	Mode			gh erate	High Moderate														No	orth		
301	Unlikely		Low	Lo			W	Low																	
	•																								
Not	es, expla	nation	s, descript	ons De	spite (	current	Low	overall risk	_																1
rating	g, root pru	uning of	multiple sca	fold root	s withir	1 3-5x th	ne ste	m																	)
			mmended pr																	\					
<u> </u>		ase the	likelihood	of failure	e. Anti	cipate	rough	nly 50%					$\mathcal{I}$			\									
root	loss.								_																
Miti	gation o	ptions	Removal ar	nd replac	ement	with a n	nore a	ppropriate tree	spec	ies f	or th	e sp	ace	& m	ore c	entr	ally			R	Resid	lual	risl	ι No	ne
	-	•	anting space	e away	from	the sid	ewalk	 (.																k	
		<u>-</u>																							
																					Resid	ıudl	1151	·	
Ove	rall tree	risk rat	ting Low	■ Mo	derate	□ н	igh 🛘	Extreme			V	Nor	k pr	iori	ty	1 🗆	1 2		3 □	] 4	<b>□</b>				
Ove	verall residual risk Low ■ Moderate □ High □ Extreme □ Recommended inspection interval																								
Data	Final	☐ Prel	iminary <b>Ac</b>	lvanced	assess	ment i	neede	ed ■No □Yes-	Туре	e/Rea	ason	۱													
								es □Root coll																	_