

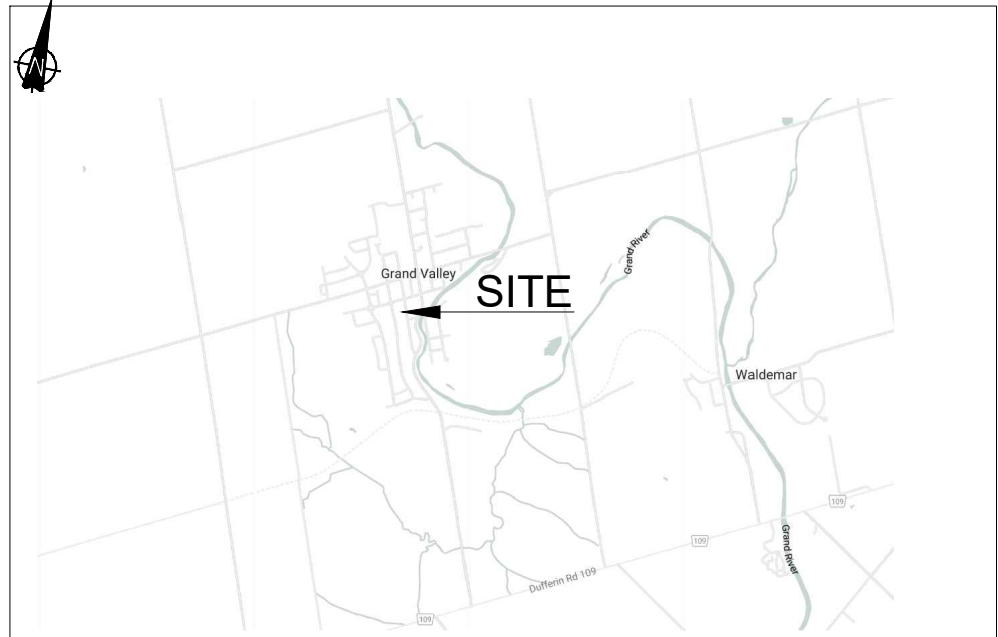
- WORKING WITH TREE PROTECTION ZONES / TREE DRIPLINES:
1. NO WORK IS PERMITTED WITHIN THE EXTENTS OF THE TREE PROTECTION FENCING.
 2. MINIMIZE WORKS TO THE GREATEST EXTENT POSSIBLE WITHIN THE TREE PROTECTION ZONES.
 3. ALL WORKS THAT ARE REQUIRED WITHIN THE TREE PROTECTION ZONE DURING CONSTRUCTION SHALL BE COMPLETED WITH HAND MACHINERY ONLY, ANY MATERIAL REMOVAL SHALL BE DONE USING AN AIR SPADE.
 4. ROOTS OVER 4CM DIAMETER THAT ARE ENCOUNTERED SHALL BE PRUNED BY A QUALIFIED ARBORIST.
 5. IT IS RECOMMENDED A QUALIFIED ARBORIST BE PRESENT ONSITE TO MONITOR DISRUPTION DURING WORKS WITHIN THE TREE PROTECTION ZONES.

- NOTES:
1. NO TREE SURVEY WAS PROVIDED. EXISTING TREE LOCATIONS HAVE BEEN APPROXIMATED ON THE PLAN.
 2. SHARED/NEIGHBOURING TREES WILL BE IMPACTED BY CONSTRUCTION. REMOVAL OF SHARED/NEIGHBOURING TREES SHALL REQUIRE NEIGHBOUR'S/OWNER'S APPROVAL PRIOR TO REMOVAL.

REFER TO SHEET L0.1 FOR TREE INVENTORY AND TREE PROTECTION FENCE DETAILS

KEY PLAN

N.T.S.



Legend

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING
- TREE IDENTIFICATION NUMBER

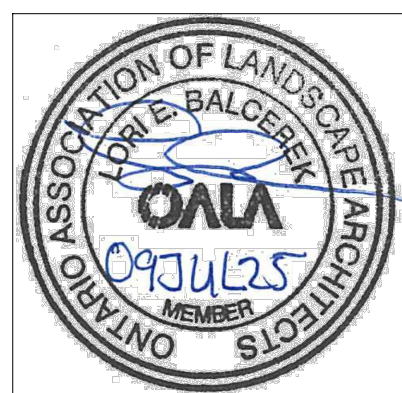
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2. CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK
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4. BASE DRAWING PROVIDED BY THE CLIENT.
5. VEGETATION INVENTORY BY GSP GROUP.
6. FOR GRADING INFORMATION REFER TO DRAWING BY MOOREFIELD EXCAVATING. FOR SERVING INFORMATION REFER TO DRAWINGS BY MOOREFIELD EXCAVATING.
7. SURVEY DRAWING BY VAN HARTEN SURVEYING INC.
8. LANDSCAPE DRAWINGS SHOW ENGINEERING INFORMATION FOR DESIGN PURPOSES ONLY. DO NOT CONSTRUCT ENGINEERING WORKS FROM THESE DRAWINGS.

VEGETATION MANAGEMENT PLAN

SHELDON CREEK DEVELOPMENTS
40-60 EMMA STREET S.
GRAND VALLEY, ON

ISSUED FOR SITE PLAN
APPROVAL, NOT FOR
CONSTRUCTION.



DATE	ISSUE	BY
05.06.2023	ISSUE FOR APPROVAL	LB
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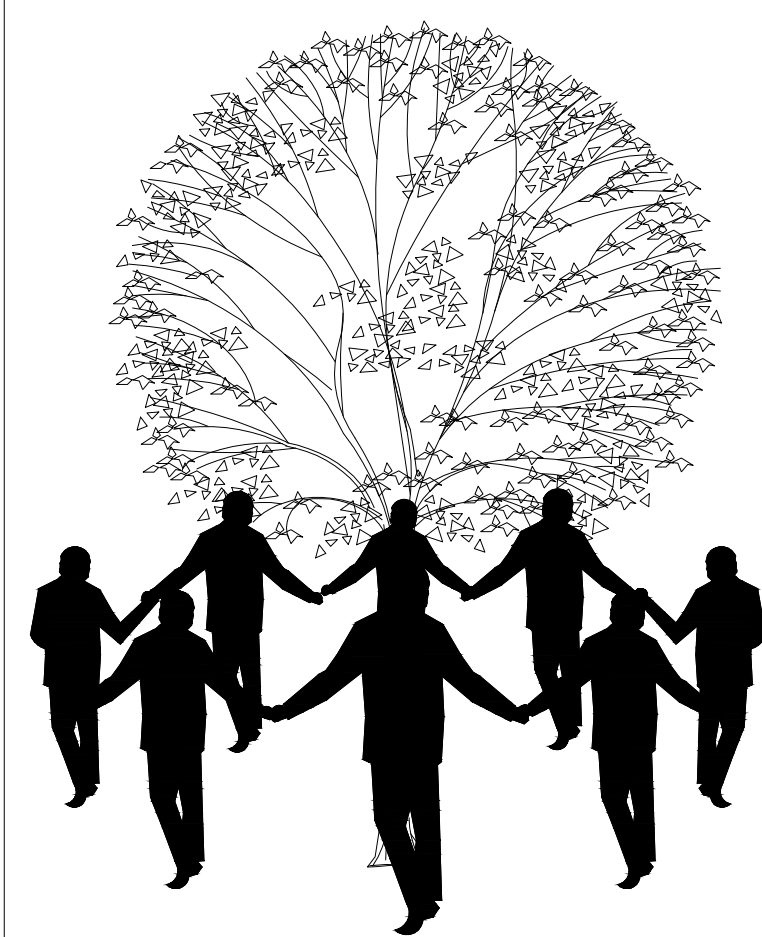
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www.gspgroup.ca

Date: SEPT 11 2023
Scale: 1:150

Drawn By: LB, OS, MS
Project No.: 23107

0.07



MOUNTED ON GATOR BOARD
MINIMUM SIZE 11" X 17"

Tree Preservation Plan In Effect NO BEYOND THIS POINT

Developers Name
Developers
Telephone Number

Consultants Name
Consultants
Telephone Number

DUMPING
STORAGE OF MATERIALS
TREE REMOVAL
DISTURBANCE OF ANY KIND
BEYOND THIS POINT

TREE MANAGEMENT NOTES - GENERAL

1. THE PREPARATION OF THE TREE PRESERVATION PLAN HAS BEEN COORDINATED WITH THE PREPARATION OF THE GRADING CONTROL PLAN AND EROSION & SEDIMENT CONTROL PLAN. THE PLANS HAVE BEEN REVIEWED BY THE LANDSCAPE ARCHITECT AND ENGINEERING CONSULTANTS. THE RELEVANT FEATURES OF THESE PLANS ARE IN CONFORMITY WITH EACH OTHER.
2. NO SERVICING, GRADING OR OTHER CONSTRUCTION ACTIVITY IS TO BEGIN UNTIL THE INSTALLATION OF THE TREE PROTECTION FENCING AND ANY OTHER PROTECTION MEASURES HAVE BEEN CERTIFIED BY THE LANDSCAPE ARCHITECT. PROTECTION FENCING SHALL NOT BE ALTERED OR RELOCATED UNLESS AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THEY ARE AWARE OF ALL MEASURES BEING TAKEN TO PROTECT ALL TREES IDENTIFIED.
4. ALL DAMAGE TO TREES WILL BE REPORTED TO THE CONSULTANT IMMEDIATELY BY THE CONTRACTOR'S FOREPERSON.
5. FOR SILT FENCING DETAILS REFER TO EROSION AND SEDIMENT CONTROL PLAN BY MOOREFIELD EXCAVATING.
6. FOR SERVICING AND GRADING INFORMATION, REFER TO DRAWINGS BY MOOREFIELD EXCAVATING.

Tree Inventory

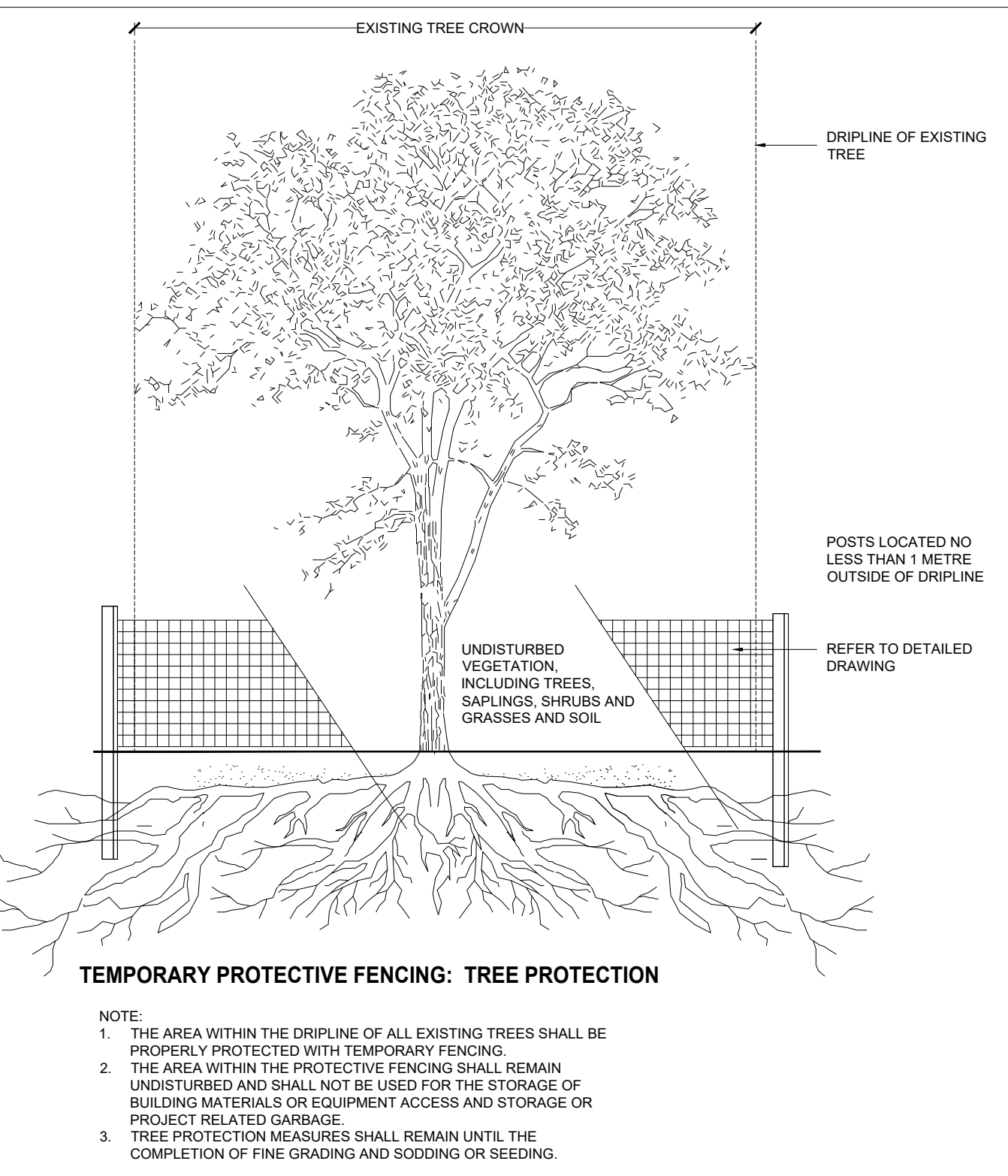
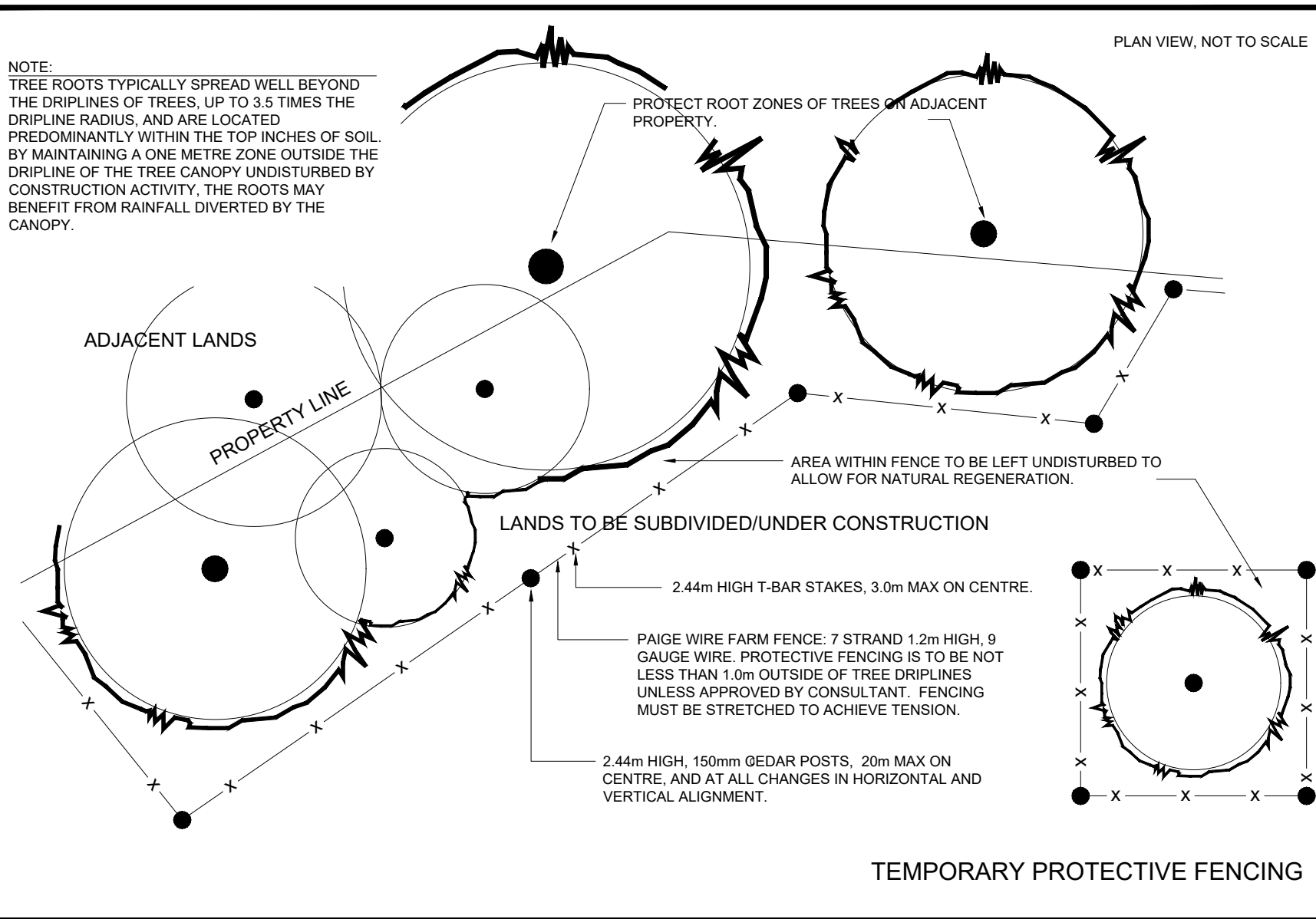
Site Date: May 15, 2023

Field Personnel: Adrian Henrich

Tree locations approximated in field - no survey provided

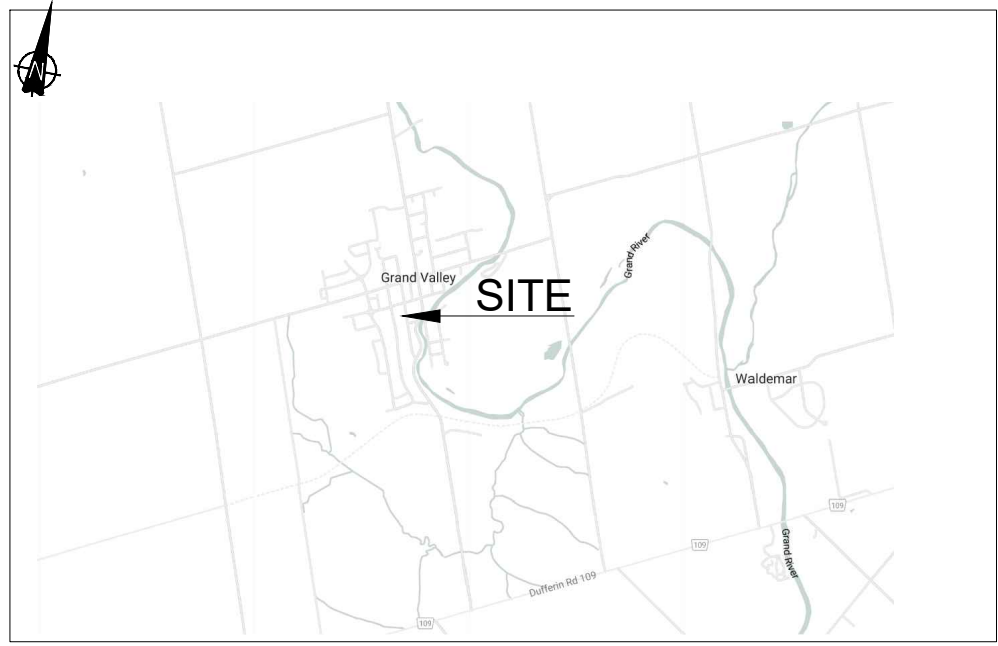
= tagged by others

Tree No.	Botanical Name	Common Name	Stems	DBH (cm)	Dripline Radius (m)	Location					Comments	Recommended Action
						Municipal Property	Subject Property	Shared	Adjacent Property (6m to PL)	Health Condition	Structure Condition	
75	<i>Acer negundo</i>	Manitoba maple	1	60	4	x				g	g	R
76	<i>Acer negundo</i>	Manitoba maple	1	31	2.5	x				d	dead	R
77	<i>Acer negundo</i>	Manitoba maple	1	17.5	2	x				p	p lean, rotten stem	R
78	<i>Acer negundo</i>	Manitoba maple	1	18	4	x				f	p lean, root rot	R
79	<i>Cornus alternifolia</i>	Hawthorne	1	10	2	x				g	f lean, crowded	R
80	<i>Acer negundo</i>	Manitoba maple	1	10	2	x				f	p lean	R
81	<i>Crataegus spp.</i>	Hawthorne	3	14,13,13	3	x				f	f crowded, hollow	R
82	<i>Acer negundo</i>	Manitoba maple	1	24	2	x				f	f	R
83	<i>Sorbus americana</i>	Mountain-ash	2	19,13	3	x				p	p dying	R
84	<i>Acer negundo</i>	Manitoba maple	1	21	5	x				f	p lean, defect at base	R
85	<i>Acer negundo</i>	Manitoba maple	1	20	2	x				f	f	R
86	<i>Sorbus americana</i>	Mountain-ash	2	13,18	1	x				d	d dead stem	R
87	<i>Crataegus spp.</i>	Hawthorne	1	18	3	x				f	p broken top	R
88	<i>Crataegus spp.</i>	Hawthorne	1	12.5	2.5	x				f	p broken top	R
89	<i>Crataegus spp.</i>	Hawthorne	1	15.5	4	x				f	p lean	R
90	<i>Acer negundo</i>	Manitoba maple	1	13.5	1.5	x				g		R
91	<i>Acer negundo</i>	Manitoba maple	1	29.5	3.5	x				g	g	R
92	<i>Acer negundo</i>	Manitoba maple	2	60.5,17.5	6	x				g	p lean	R
93	<i>Acer negundo</i>	Manitoba maple	1	53		x					dead, fallen over	R
94	<i>Acer negundo</i>	Manitoba maple	1	79.5	5	x				p	p lean over neighbor	R
95	<i>Crataegus spp.</i>	Hawthorne	1	13	2.5	x				f	f	R
96	<i>Crataegus spp.</i>	Hawthorne	1	26	2.5	x				f	f rot at base	R
97	<i>Acer negundo</i>	Manitoba maple	1	20	2	x				f	p	R
98	<i>Acer negundo</i>	Manitoba maple	1	42	7	x				f	p fallen tree with several vertical iterations	R
99	<i>Acer platanoides</i>	Norway maple	1	14.5	2	x				g	g	R
101	<i>Acer negundo</i>	Manitoba maple	1	53	4	x				f	f	R
102	<i>Acer negundo</i>	Manitoba maple	1	59	5	x				g	f	R
103	<i>Acer negundo</i>	Manitoba maple	2	35.5,26	6	x				f	f lean	R
104	<i>Acer platanoides</i>	Norway maple	2	10.9	2	x				g	p included bark	R
105	<i>Acer negundo</i>	Manitoba maple	1	46	4	x				f	f	R
106	<i>Acer platanoides</i>	Norway maple	1	16.5	2.5	x				g	g	R
107	<i>Crataegus spp.</i>	Hawthorne	3	21, 24, 28	3	x				d	3 dead stems 10' tall	R
108	<i>Pyrus spp.</i>	Pear	1	52.5	6	x				f	p large broken section	R
109	<i>Crataegus spp.</i>	Hawthorne	1	22	3	x				p	p broken stem, sprouted tops	R
110	<i>Pyrus spp.</i>	Pear	1	37.5	3	x				f	p broken section	R
111	<i>Malus spp.</i>	Apple	2	15.39	3.5	x				f	p	R
112	<i>Rhamnus cathartica</i>	European Buckthorn	1	15.5	2.5	x				f	f	R
113	<i>Acer platanoides</i>	Norway maple	1	10.5	1.5	x				g	g	R
114	<i>Acer negundo</i>	Manitoba maple	2	18, 19	4	x				g	f	R
115	<i>Acer negundo</i>	Manitoba maple	1	29.5	6	x				p	p lean, deadwood	R
116	<i>Acer negundo</i>	Manitoba maple	1	25	5	x				p	p rotting stem, lean	R
117	<i>Acer negundo</i>	Manitoba maple	1	24.5	5	x				f	p lean	R
118	<i>Crataegus spp.</i>	Hawthorne	1	38	3.5	x				f	f	R
119	<i>Thuja occidentalis</i>	Eastern white-cedar	1	12	1.5	x				g	g	R
120	<i>Thuja occidentalis</i>	Eastern white-cedar	1	16	1.5	x				g	g	R
121	<i>Thuja occidentalis</i>	Eastern white-cedar	1	13	1.5	x				g	g	R
122	<i>Acer pleatananoides</i>	Norway maple	3	15,12,16.5	3	x				g	p poorly attached, included bark	R
123	<i>Acer negundo</i>	Manitoba maple	1	15.5	2.5	x				g	g	R
124	<i>Acer negundo</i>	Manitoba maple	1	19		x				f	p broken stem, sprouted tops	R
125	<i>Acer negundo</i>	Manitoba maple	1	22		x				f	p broken, lean	R
126	<i>Acer negundo</i>	Manitoba maple	2	22.5,27	6	x				f	p fallen tree with several vertical iterations	R
127	<i>Acer negundo</i>	Manitoba maple	2	49,40	12	x				p	p fallen tree with several vertical iterations, broken section	R
128	<i>Sorbus americana</i>	Mountain-ash	1	26.5	2	x				g	g codominant leaders	R
129	<i>Thuja occidentalis</i>	Eastern white-cedar	1	19.5	3	x				g	g vines	R
130	<i>Thuja occidentalis</i>	Eastern white-cedar	1	19	1.5	x				g	g vines	R
131	<i>Thuja occidentalis</i>	Eastern white-cedar	2	23,8	2	x				g	g vines	R
132	<i>Thuja occidentalis</i>	Eastern white-cedar	1	27	2.5	x				g	g vines	R
133	<i>Thuja occidentalis</i>	Eastern white-cedar	1	16	1.5	x				g	g	R
134	<i>Thuja occidentalis</i>	Eastern white-cedar	1	12	1	x				g	g	R
135	<i>Thuja occidentalis</i>	Eastern white-cedar	1	10	1	x				g	g	R
136	<i>Thuja occidentalis</i>	Eastern white-cedar	1	12	1	x				g	g	R
137	<i>Thuja occidentalis</i>	Eastern white-cedar	1	13.5	2	x				g	g	R
138	<i>Acer negundo</i>	Manitoba maple	3	50, 18, 44	16	x				f	p fallen tree with several vertical iterations	R
139	<i>Acer platanoides</i>	Norway maple	2	27, 33	6	x				g	f codominant leaders , included bark	R
140	<i>Crataegus spp.</i>	Hawthorne	2	14, 12	3	x				f	p	R
141	<i>Syringa vulgaris</i>	Common lilac	1	12	0.5	x				d		R
142	<i>Syringa vulgaris</i>	Common lilac	1	12	2	x				p	f	R
143	<i>Acer vulgaris</i>	Manitoba maple	1	16	3	x				f	p lean	R
144	<i>Acer platanoides</i>	Norway maple	2	12,10	2.5	x				f	f included bark	R
145	<i>Acer platanoides</i>	Norway maple	1	26	3.5	x				g	g	R
146	<i>Acer negundo</i>	Manitoba maple	1	25	3.5	x				g	f	R
147	<i>Acer platanoides</i>	Norway maple	3	43, 32.5, 31	8	x				g	p included bark	R
148	<i>Acer platanoides</i>	Norway maple	2	47.5, 47	8.5		x			f	p included bark, canker	R
a	<i>Acer platanoides</i>	Norway maple	2	29.5, 37	6.5			x		f	p included bark	R
149	<i>Acer platanoides</i>	Norway maple	1	17	3	x				g	g	R
150	<i>Acer platanoides</i>	Norway maple	1	38	4.5	x				g	p codominant leaders	R
151	<i>Acer negundo</i>	Manitoba maple	1	55.5	8	x				p	p broken across fence into neighbors yard	R
b	<i>Picea pungens</i>	Colorado blue spruce	1	12	2	x				g	e	P
152	<i>Acer saccharum</i>	Sugar maple	1	15.5	2	x				f	p included bark, girdling roots	R
153	<i>Malus spp.</i>	Apple	2	39,21	5.5	x				f	p lean, broken section	R
154	<i>Acer negundo</i>	Manitoba maple	2	13, 32	9	x				p	p lean, broken section	R
155	<i>Acer platanoides</i>	Norway maple	1	46	4		x			f	p included bark, broken sectincluded barkon	R
156	<i>Acer platanoides</i>	Norway maple	2	16, 14	3.5	x				g	p lean	R
157	<i>Acer platanoides</i>	Norway maple	1	10.5	1.5	x				g	p	R
158	<i>Acer platanoides</i>	Norway maple	2	16, 14.5	2.5	x				g	p lean, included bark	R
c	<i>Acer negundo</i>	Manitoba maple	3	62, 41, 31	8.5		x			f	p lean, broken section	P
d	<i>Crataegus spp.</i>	Hawthorne	1	17	5		x			f	f lean	P
e	<i>Crataegus spp.</i>	Hawthorne	1	23	5		x			f	f lean	P
f	<i>Crataegus spp.</i>	Hawthorne	1	14	3		x			f	f lean	P



KEY PLAN

N.T.S.



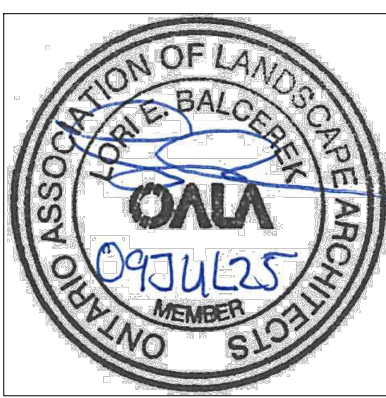
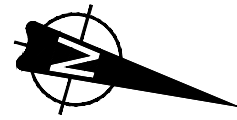
Legend

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TREE INVENTORY SCHEDULE & DETAILS SHELDON CREEK DEVELOPMENTS 40-60 EMMA STREET S. GRAND VALLEY, ON

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Date: SEPT 11 2023
Scale: N.T.S.

Drawn By: LB, OS, MS
Project No.: 23107

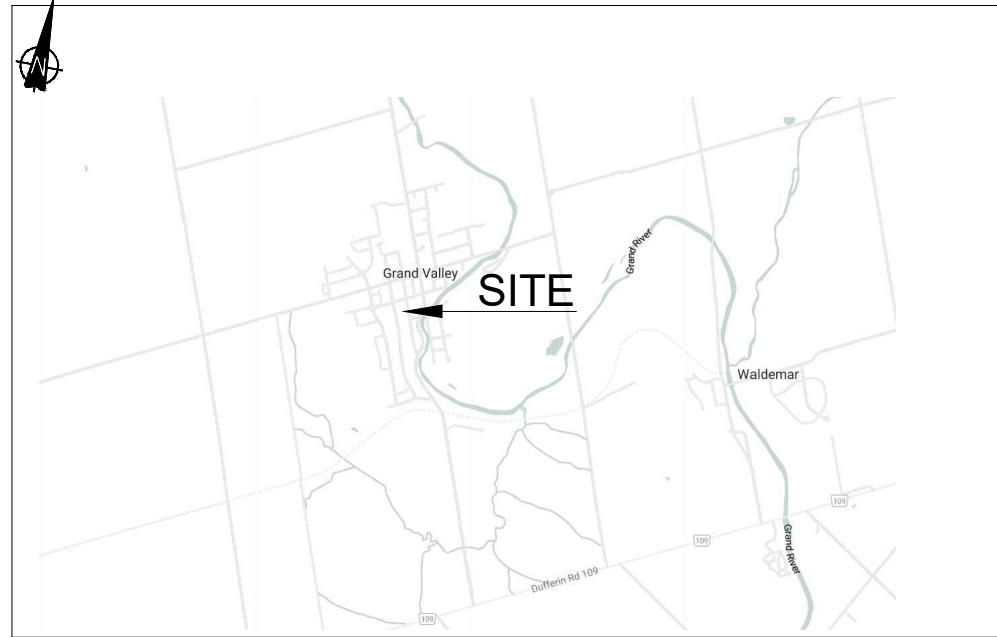
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NOTE:
TREES SHOULD NOT BE PLANTED WITHIN 3.0M OF THE
RETAINING WALL OR WITH IN 1H:1V ENVELOPE
MEASURED FROM THE BACK OF THE BOTTOM OF THE
RETAINING WALL STRUCTURE, WHICHEVER IS GREATER

PLANT SCHEDULE SITE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER		REMARKS
CONIFEROUS TREES							
PG	4	Picea glauca	White Spruce	200cm Ht.	W.B.		
PPU	5	Picea pungens	Colorado Spruce	200cm Ht.	W.B.		
TO	7	Thuja occidentalis	Eastern White Cedar	150cm Ht.	W.B.		
DECIDUOUS TREES							
AFC	2	Acer freemanii 'Celzam' TM	Celebration Maple	60mm Cal.	W.B.		
AFJ	2	Acer freemanii 'Jeffersred' TM	Autumn Blaze Maple	60mm Cal.	W.B.		
AR	2	Acer rubrum	Red Maple	60mm Cal.	W.B.		
CO	2	Celtis occidentalis	Common Hackberry	60mm Cal.	W.B.		
QMA	3	Quercus macrocarpa	Burr Oak	60mm Cal.	W.B.		
TR	2	Tilia americana 'Redmond'	Redmond American Linden	60mm Cal.	W.B.		
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	REMARKS
CONIFEROUS SHRUBS							
TmD	10	Taxus x media 'Densiformis'	Dense Yew	50cm	3 gal.	1.5 m	
DECIDUOUS SHRUBS							
Rr	6	Rosa rugosa	Rugosa Rose	40cm	3 gal.	1.25 m	
SpG	22	Spiraea japonica 'Goldflame'	Goldflame Spirea	60cm	3 gal.	0.9 m	
PERENNIALS							
hs	59	Hemerocallis x 'Stella D'Oro'	Stella D'Oro Daylily	---	1 gal.	530 mm	

KEY PLAN N.T.S.



Legend

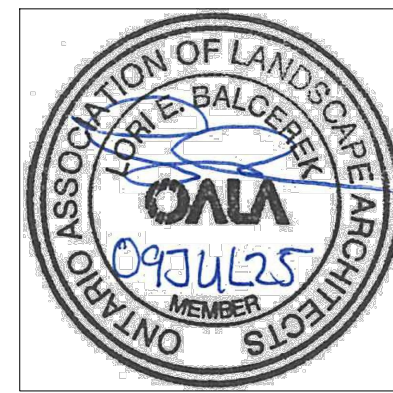
- EXISTING TREE TO REMAIN
- PROPOSED TREES
- SHRUBS
- SOD
- SEED MIX
- CONCRETE PAVING
- TREE PROTECTION FENCE
- PROPERTY LINE

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LANDSCAPE PLAN SHELDON CREEK DEVELOPMENTS 40-60 EMMA STREET S. GRAND VALLEY, ON

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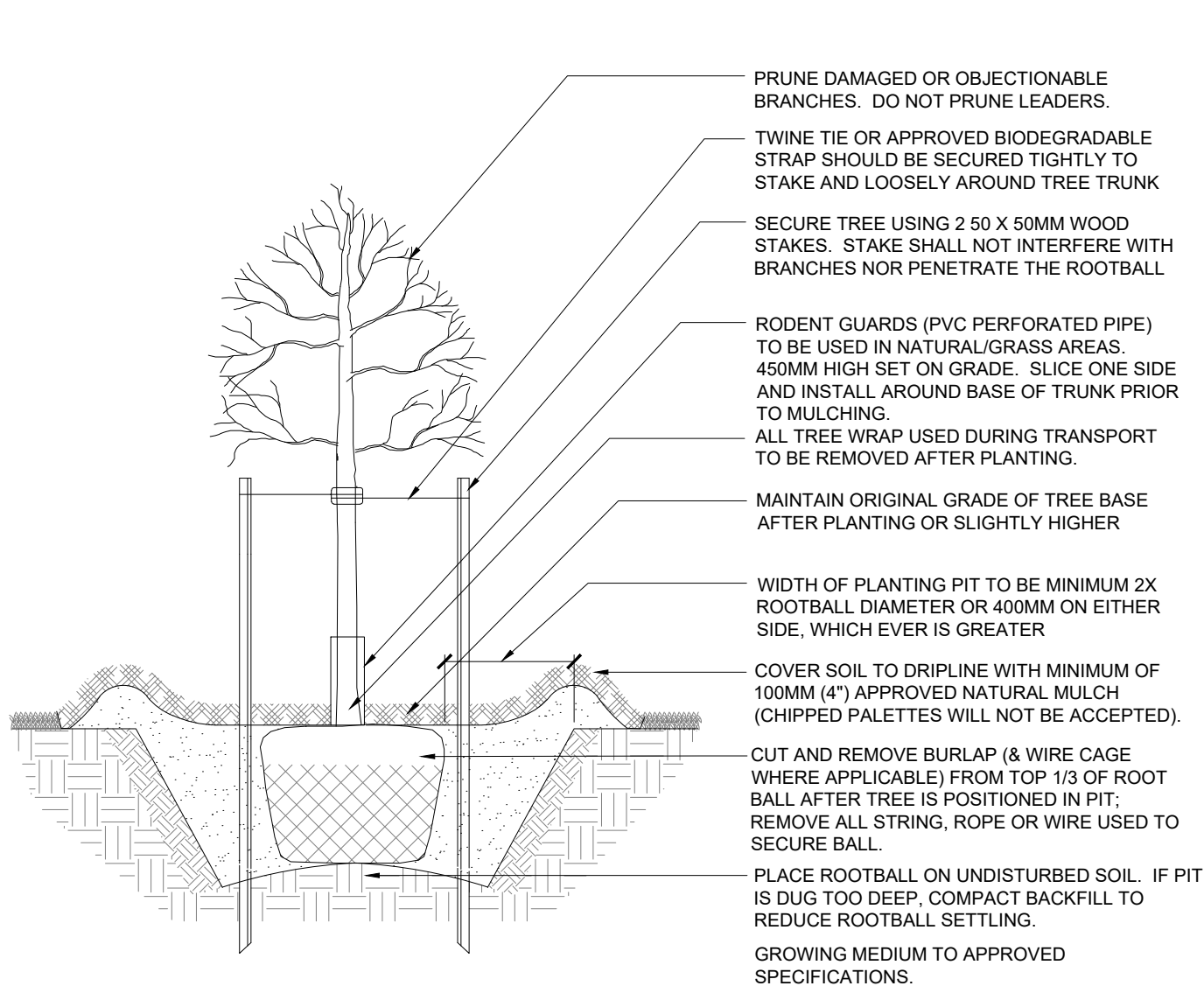
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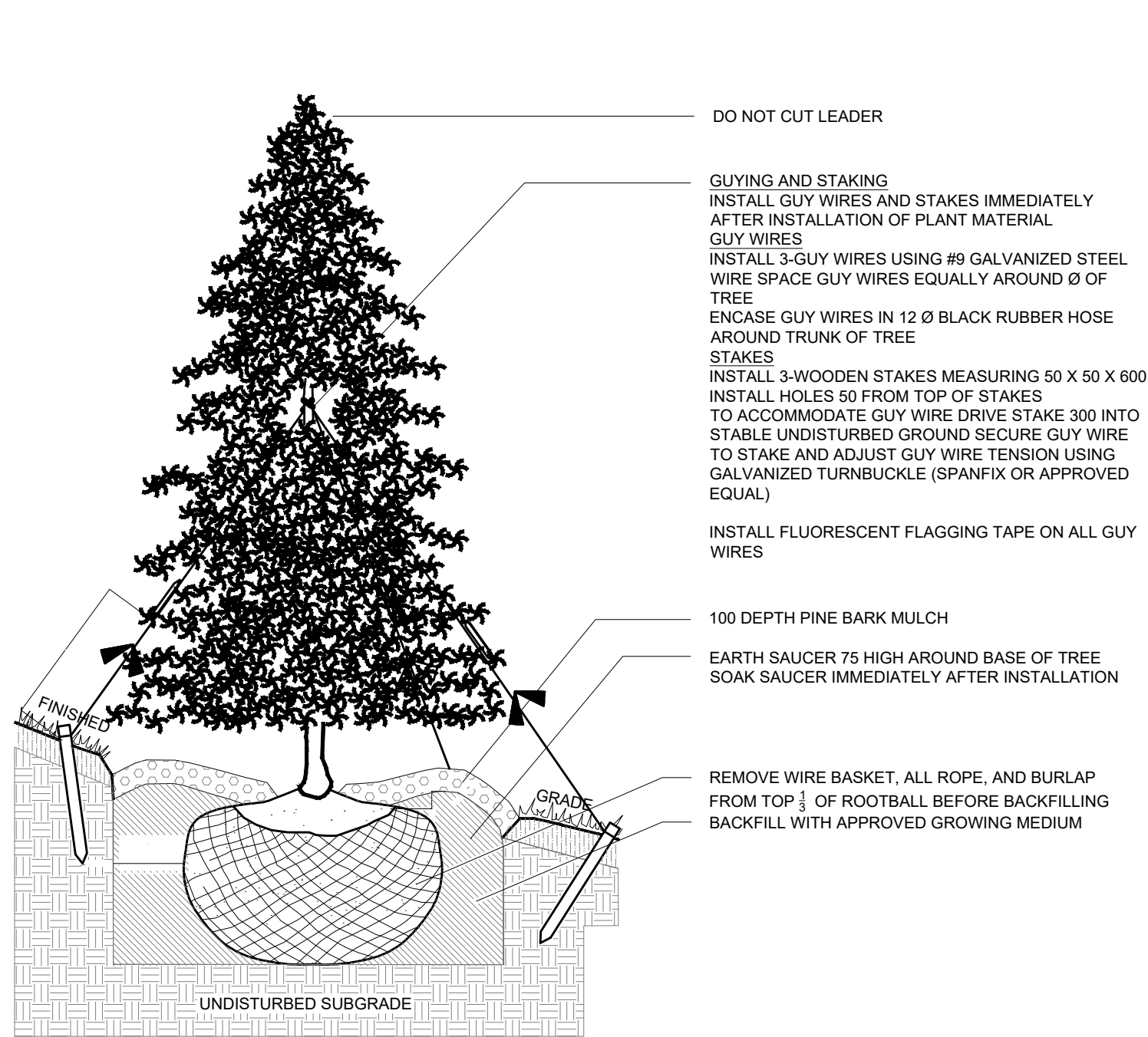
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NOTES

1. GROWING MEDIUM MIX: 4 PARTS TOPSOIL, 1 PART COMPOST, 1 PART SHREDDED PEAT & APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0-20-0)
2. PLANT MATERIAL SHALL BE THOROUGHLY WATERED AT TIME OF PLANTING.
3. PLANT MATERIAL SHALL BE SET PLUMB IN THE MIDDLE OF THE PIT.
4. TREE SHALL BEAR SAME RELATION OR SLIGHTLY HIGHER TO FINISHED GRADE AS ORIGINALLY GROWN.
5. PLANT STOCK MOVED WHILE IN LEAF SHALL BE COVERED WHILE IN TRANSIT. ROOTS SHOULD BE KEPT MOIST UNTIL PLANTED. TREES IN LEAF TO BE TREATED WITH ANTI-DESICANT.
6. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
7. STAKING IS TO OCCUR ONLY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.
8. 100MM HIGH SAUCER EXCEPT WHEN PLANTING IN BED.

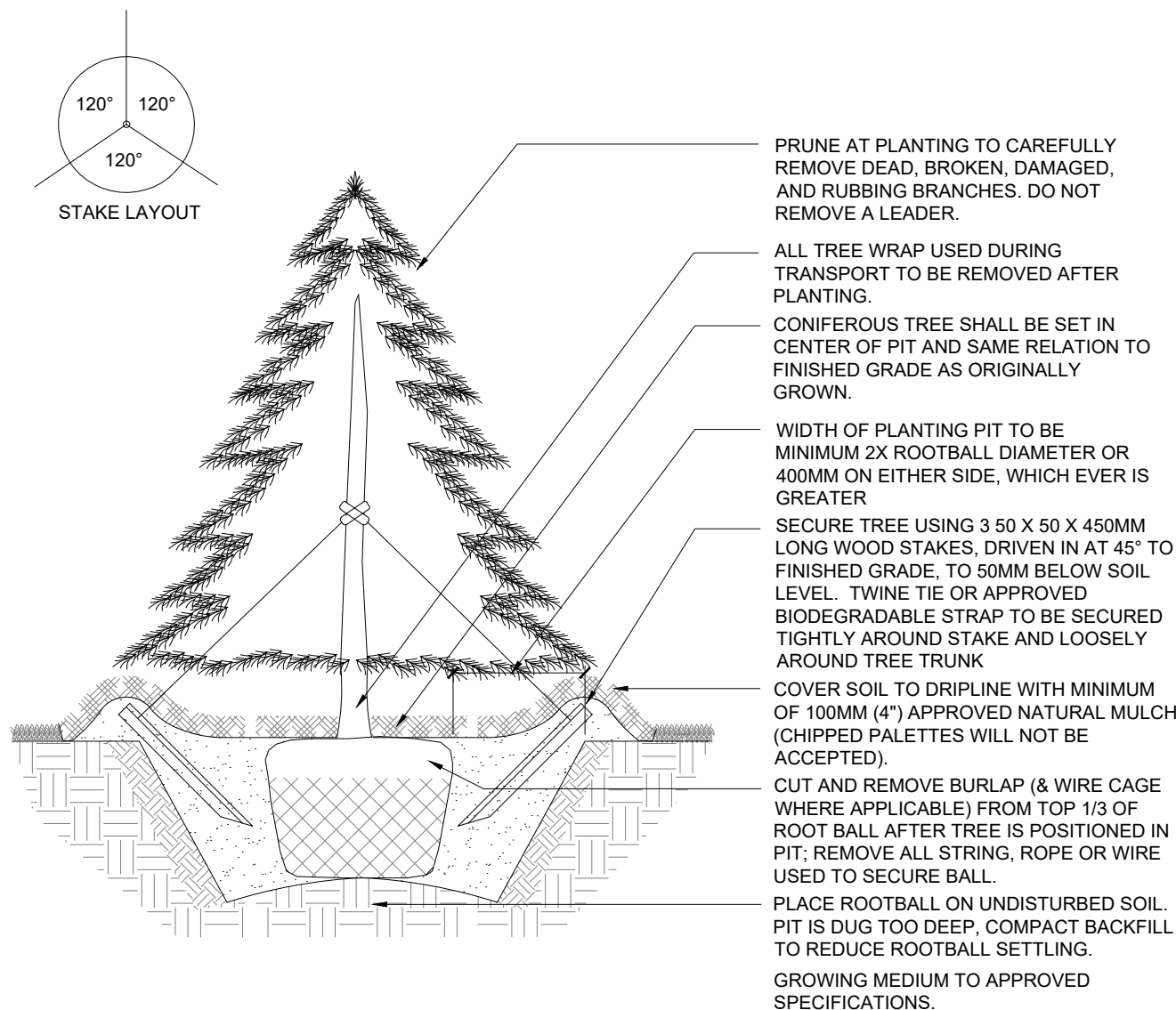
1 DECIDUOUS TREE PLANTING B.B/W.B - UP TO 80mm CALIPER N.T.S.



NOTES

1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. BACKFILL WITH APPROVED GROWING MEDIUM.
3. PLANTING PIT DEPTH WILL BE THE SAME DEPTH AS THE ROOT BALL AND 900 OR 1.5 TIMES THE WIDTH - WHICHEVER IS GREATER.
4. WIRE TWISTED AROUND TREE GUARD WILL BE TWISTED BACK TO TREE SIDE OF GUARD.
5. TREE BASE AT TRUNK WILL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS EXISTING GRADE.
6. SOAK COMPLETELY WITH WATER AND MULCH IMMEDIATELY.
7. PLANT TREE 75 ABOVE EXISTING ADJACENT GRADE TO ACCOMMODATE SETTLEMENT.

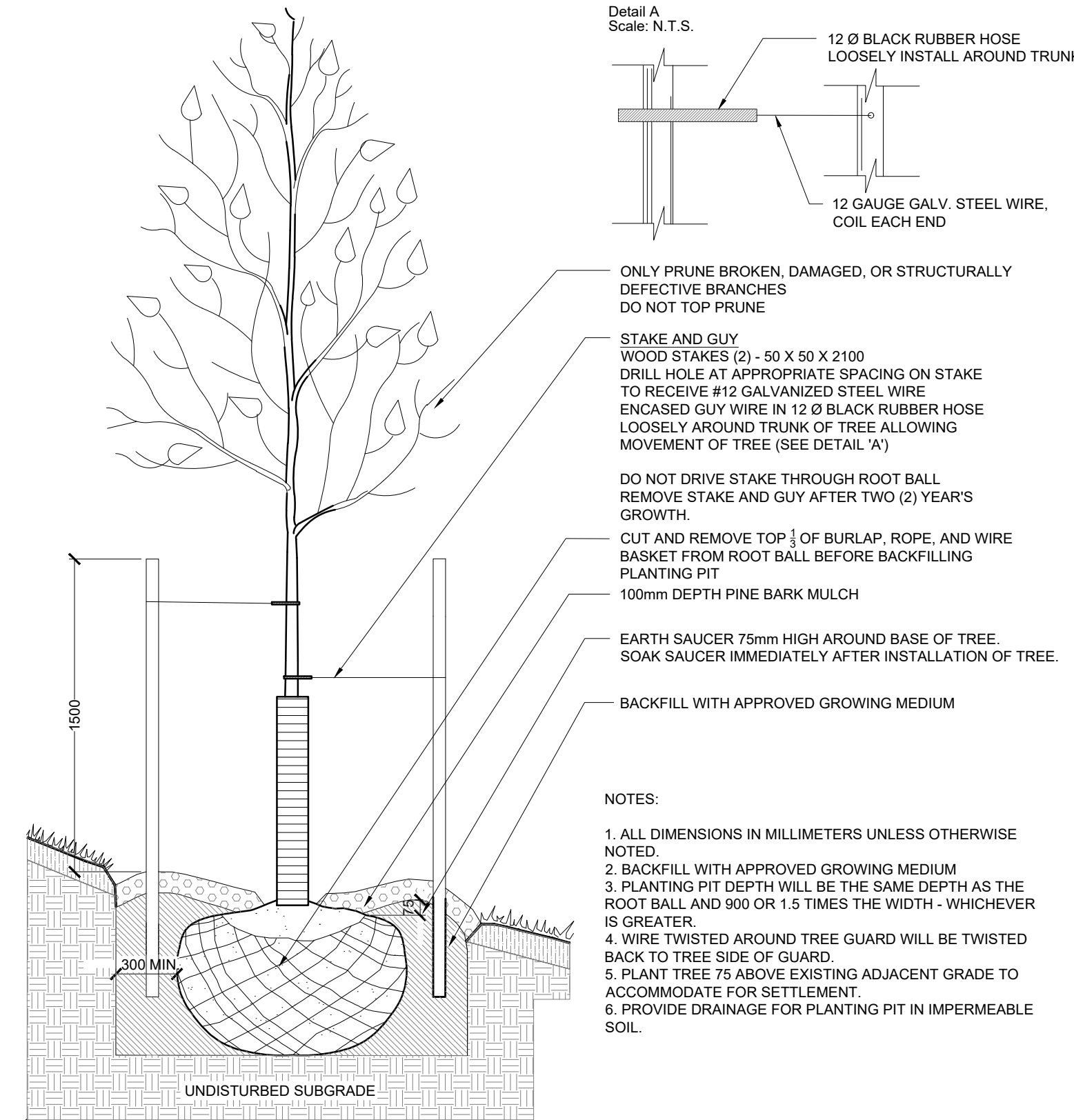
5 Coniferous Tree Planting On A Slope N.T.S.



NOTES

1. GROWING MEDIUM MIX: 4 PARTS TOPSOIL, 1 PART COMPOST, 1 PART SHREDDED PEAT & APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0-20-0)
2. PLANT MATERIAL SHALL BE THOROUGHLY WATERED AT TIME OF PLANTING.
3. PLANT MATERIAL SHALL BE SET PLUMB IN THE MIDDLE OF THE PIT.
4. TREE SHALL BEAR SAME RELATION OR SLIGHTLY HIGHER TO FINISHED GRADE AS ORIGINALLY GROWN.
5. PLANT STOCK SHALL BE COVERED WHILE IN TRANSIT. ROOTS SHOULD BE KEPT MOIST UNTIL PLANTED. TREES TO BE TREATED WITH ANTI-DESICANT.
6. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
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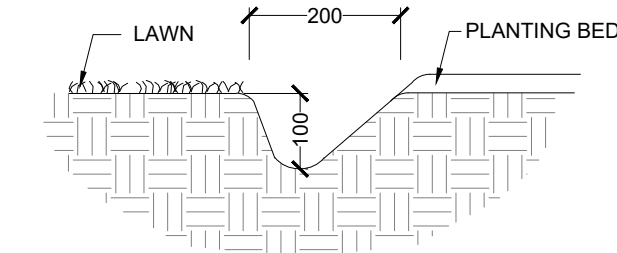
2 CONIFEROUS TREE PLANTING - UP TO 2.5M HEIGHT (B.B/W.B) N.T.S.



NOTES

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4. WIRE TWISTED AROUND TREE GUARD WILL BE TWISTED BACK TO TREE SIDE OF GUARD.
5. PLANT TREE 75 ABOVE EXISTING ADJACENT GRADE TO ACCOMMODATE SETTLEMENT.
6. PROVIDE DRAINAGE FOR PLANTING PIT IN IMPERMEABLE SOIL.

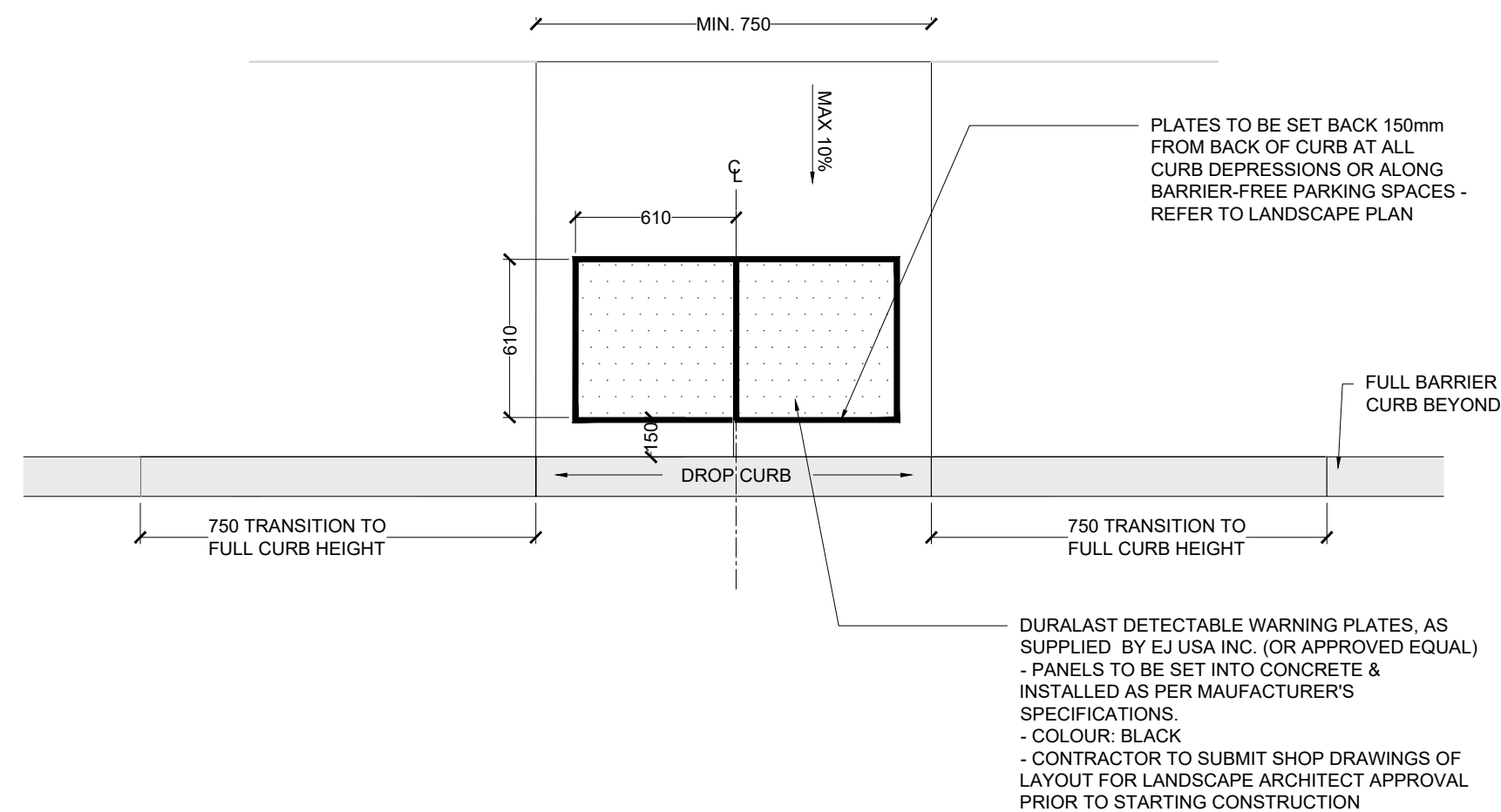
6 Deciduous Tree Planting On A Slope N.T.S.



NOTES

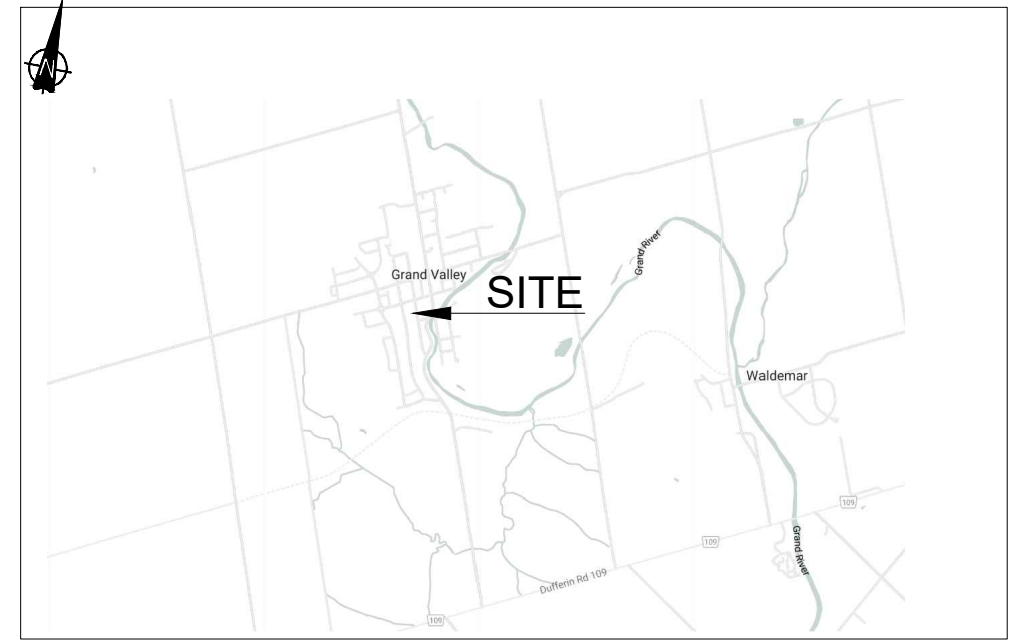
1. GROWING MEDIUM MIXTURE: 4 PARTS TOPSOIL, 1 PART COMPOST, 1 PART SHREDDED PEAT & APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0-20-0)
2. PLANTING BED SHALL BE THOROUGHLY WATERED IMMEDIATELY AFTER PLANTING & PRIOR TO MULCHING.
3. FOR POTTED SHRUBS, SATURATE CONTAINER/ ROOTS/ SOIL PRIOR TO REMOVAL OF CONTAINER BEFORE PLANTING.
4. SHRUBS ARE TO BE SPACED AS DIRECTED.
5. ALL DIMENSIONS ARE IN MILLIMETERS.

4 B&B/CONTAINER STOCK SHRUB PLANTING N.T.S.



7 TACTILE WARNING PLATES N.T.S.

KEY PLAN N.T.S.



Legend

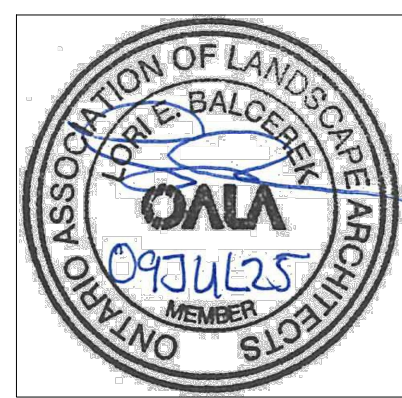
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4. BASE DRAWING PROVIDED BY THE CLIENT.
5. VEGETATION INVENTORY BY GSP GROUP.
6. FOR GRADING INFORMATION REFER TO DRAWING BY MOOREFIELD EXCAVATING. FOR SERVICING INFORMATION REFER TO DRAWINGS BY MOOREFIELD EXCAVATING.
7. SURVEY DRAWING BY VAN HARTEN SURVEYING INC.
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DETAILS

SHELDON CREEK DEVELOPMENTS 40-60 EMMA STREET S. GRAND VALLEY, ON

ISSUED FOR SITE PLAN
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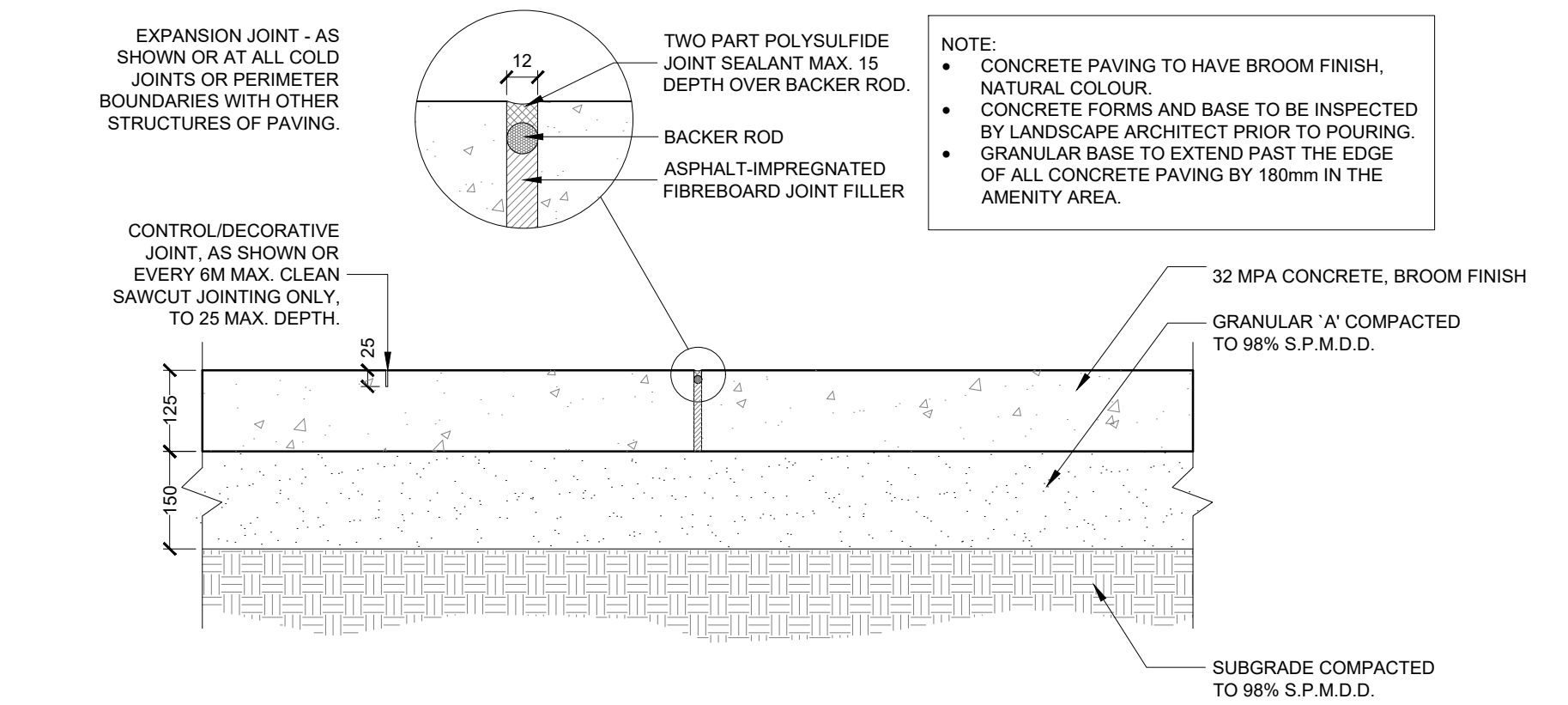
Date: SEPT 11 2023

Drawn By: LB, OS, MS

Scale: N.T.S.

Project No.: 23107

L2.0



1 CONCRETE PAVING W/ BROOM FINISH - ON GRADE N.T.S.

PLANTING NOTES:

- ALL PLANT MATERIAL SHALL BE NO. 1 NURSERY GROWN, MEETING SPECIFICATIONS FOR SIZE, HEIGHT, SPREAD, GRADING, QUALITY, METHOD OF CULTIVATION, AND BAILING AND BURLAP SPECIFICATIONS AS SET OUT IN THE 8TH EDITION 2006 GUIDE SPECIFICATION FOR NURSERY STOCK PREPARED BY THE CNLA.
- NO SUBSTITUTIONS IN SPECIES, CULTIVAR, QUANTITY, SIZE OR CONDITION WILL BE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANT. ANY UNAPPROVED SUBSTITUTED MATERIAL WILL BE REQUIRED TO BE REMOVED FROM THE SITE AT THE EXPENSE OF THE CONTRACTOR.
- ANY INCONSISTENCIES FOUND IN THE QUANTITIES AS SHOWN ON THE PLAN AND THE PLANT LIST SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT.
- LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. LAYOUT, PLANT STAKE-OUT AND DELIVERED PLANT MATERIAL SHALL BE APPROVED BY THE CONSULTANT PRIOR TO INSTALLATION.
- NATIVE OR IMPORTED TOPSOIL SHALL BE TESTED AS SPECIFIED AND APPROVED BY THE CONSULTANT PRIOR TO ADDING ANY AMENDMENTS AND PLACEMENT. PLANTING MIX, WHERE INDICATED, SHALL FOLLOW THE MIX SPECIFICATIONS.
- PROVIDE TOPSOIL DEPTH AS FOLLOWS:
BOULEVARDS (NON-TREED): 300MM MINIMUM CONTINUOUS DEPTH
SHRUB PLANTING BEDS: 500MM MINIMUM CONTINUOUS DEPTH
TREE PLANTING PITS/BEDS: 600MM MINIMUM CONTINUOUS DEPTH
SODDED/SEEDED AREAS (NON-BOULEVARD): 300MM MINIMUM CONTINUOUS DEPTH
ALL BEDS SHALL BE MULCHED WITH APPROVED MULCH TO A MINIMUM DEPTH OF 100MM, UNLESS OTHERWISE NOTED. DEPTHS SHALL BE THOSE ACHIEVED UNDER LIGHT COMPACTION. AREAS TO BE SODDED OR SEEDED SHALL BE PROVIDED WITH 300 MM OF APPROVED TOPSOIL, COMPACTED TO 85% SPD.
- NO BARE-ROOT PLANTING SHALL BE PERMITTED BETWEEN MAY 15 AND OCTOBER 15.
- PLANT MATERIAL SHALL BE THOROUGHLY WATERED AT THE TIME OF PLANTING.
- THOSE AREAS NOT SPECIFICALLY IDENTIFIED FOR PLANTING, OR OTHERWISE NOTED, SHALL BE SODDED. SODDING SHALL BE MAINTAINED AND WARRANTED UNTIL FIRST CUT. SEEDING SHALL BE MAINTAINED AND WARRANTED UNTIL OCTOBER 1 FOR SPRING SEEDING AND JUNE 1 FOR FALL SEEDING.
- ALL TREES AND SHRUBS SHALL BE UNDER WARRANTY FOR A PERIOD OF 12 MONTHS COMMENCING ON THE DATE OF ACCEPTANCE.
- THE CONTRACTOR SHALL PROVIDE MAINTENANCE IMMEDIATELY AFTER THE PLANTS ARE INSTALLED AND CONTINUE THROUGHOUT THE ENTIRE WARRANTY PERIOD. MAINTENANCE REQUIREMENTS SHALL INCLUDE ALL PROCEDURES CONSISTENT WITH PROPER HORTICULTURAL PRACTICES TO ENSURE NORMAL, VIGOROUS, AND HEALTHY GROWTH OF ALL MATERIAL PLANTED. ALL STAKES, WIRE, HOSE, AND OTHER ACCESSORIES MUST BE REMOVED PRIOR TO FINAL WARRANTY INSPECTION.
- ALL PLANT MATERIAL USED AS REPLACEMENTS FOR UNACCEPTABLE MATERIAL SHALL BE OF THE SAME QUALITY AND REQUIREMENTS PRESCRIBED FOR THE ORIGINAL MATERIAL. REPLACEMENTS SHALL BE MADE ONCE UNDER THE WARRANTY.

GROWING MEDIUM NOTES:

- GROWING MEDIUM TESTING:
 - GROWING MEDIUMS (TOPSOIL, PLANTING MIXES) AND ORGANIC AMENDMENTS MUST BE TESTED BY AN OMARA ACCREDITED AGENCY AND APPROVED PRIOR TO USE. TEST TOPSOIL FOR P, K, CA AND MG, MINOR ELEMENT VALUES, SOLUBLE SALT CONTENT, ORGANIC MATTER, TEXTURE AND PH VALUE APPROPRIATE FOR THE ESTABLISHMENT AND GROWTH OF ORNAMENTAL NURSERY STOCK. SUBMIT TEST RESULTS AND ANALYSIS INCLUDING RECOMMENDATIONS FOR AMENDMENTS AND FERTILIZER TO THE CONSULTANT.
- TOPSOIL:
 - TOPSOIL SHALL BE FERTILE, FRIABLE, TOPSOIL, FREE OF: FRAGMENTS LARGER THAN 75MM IN SIZE; STONES OVER 30MM IN DIAMETER; DEBRIS; PLANTS OR THEIR ROOTS; STICKS; NOXIOUS SEED PLANTS; STOLONS; SEEDS; SALTS; SOIL STERILANTS; CHEMICAL CONTAMINANTS; OR OTHER MATERIALS DETRIMENTAL TO PLANT GROWTH.
 - FERTILIZER AND AMENDMENTS: MUST BE MADE AS PER SOIL TESTING AGENCY RECOMMENDATIONS.
 - ALL TOPSOIL FOR THE INTENSIVE USE LAWN AREAS SHALL BE SANDY LOAM CLASS ONLY.
 - TOPSOIL: SHALL NOT BE MOVED, DELIVERED OR WORKED ON WHILE IN A FROZEN STATE OR CONDITION.
- GROWING MEDIUM - PLANTING MIXES:
 - PLANTING MIX (WHERE SPECIFIED) SHALL BE THOROUGHLY COMBINED PRIOR TO PLACEMENT IN PLANTING BED AREAS TO THE FOLLOWING PROPORTIONS: 4 PARTS APPROVED TOPSOIL, 1 PART COMPOST, 1 PART SHREDDED PEAT MOSS AND AN APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0-20-0).
 - MIXES CONTAINING A SIGNIFICANT AMOUNT OF PEAT MOSS SHALL NOT BE PERMITTED TO DRY OUT. THE MOISTURE CONTENT OF THE PEAT MOSS AT THE TIME OF MIXING SHALL BE NOT LESS THAN 60% TO 75%.

- NOTE:
- CONCRETE PAVING TO HAVE BROOM FINISH, NATURAL COLOUR.
 - CONCRETE FORMS AND BASE TO BE INSPECTED BY LANDSCAPE ARCHITECT PRIOR TO POURING.
 - GRANULAR BASE TO EXTEND PAST THE EDGE OF ALL CONCRETE PAVING BY 150mm IN THE AMENITY AREA.

32 MPA CONCRETE, BROOM FINISH
GRANULAR 'A' COMPACTED TO 98% S.P.M.D.D.
SUBGRADE COMPACTED TO 98% S.P.M.D.D.

GROWING MEDIUM REQUIREMENTS:

- CONTRACTOR TO PROVIDE SOIL TESTING RESULTS OF GROWING MEDIUM TO LANDSCAPE CONSULTANT FOR APPROVAL PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PREPARE PLANTING BEDS AND TREE PITS WITH APPROVED GROWING MEDIUM PRIOR TO INSTALLATION OF PLANT MATERIAL.
- CONTRACTOR SHALL PAY ALL COSTS TO CORRECT GROWING MEDIUM AND REPLACEMENT OF PLANT MATERIAL IF SPECIFIED TESTS, AMENDMENTS, AND WRITTEN APPROVAL OF THE LANDSCAPE CONSULTANT ARE NOT OBTAINED.

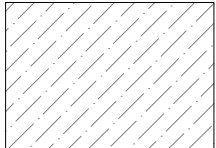
NOTE:
ALL DESIGNATED SEED AREAS TO BE FINE GRADED AS PER ENGINEERING DRAWINGS

GRASS SEED MIXES
SUPPLIED BY ONTARIO SEED COMPANY,
OR APPROVED ALTERNATE

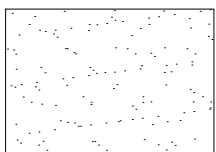
SEEDING NOTES

- SEEDING PERFORMED PRIOR TO VICTORIA DAY OR BETWEEN MID-AUGUST AND SEPTEMBER 15 TO BE BY SLIT SEEDING WITH 2 PASSES USING A MECHANICAL SLIT-SEEDER AT SUPPLIER'S RECOMMENDED RATE. FOLLOW WITH A BROADCAST APPLICATION OF STARTER FERTILIZER, 15-30-15 OR SIMILAR 1:2:1 RATIO, WITH 2 PASSES AT 12 KG/HA (0.25 LBS/ACRE) IN EACH DIRECTION.
- SEEDING PERFORMED BETWEEN VICTORIA DAY AND MID AUGUST SHALL BE BROADCAST WITH 2 PASSES USING A CYCLONE OR DROP-TYPE SEEDER AT SUPPLIER'S RECOMMENDED RATE. MULCH TO BE LIGHT APPLICATION OF CHOPPED STRAW. OVER SEEDING WILL BE REQUIRED AND SHALL BE PERFORMED IN SEPTEMBER WITH 'TOP GUN' PERENNIAL RYEGRASS BY OSC (OR APPROVED ALTERNATE) AT THE SUPPLIER'S RECOMMENDED RATE. OVERSEEDING SHALL BE BY 2 PASSES USING A MECHANICAL SLIT-SEEDER.
- APPLY HYDRAULIC MIXTURE EVENLY AND UNIFORMLY AND AT SUCH A RATE TO MEET THE COVERAGE SPECIFIED IN OPSS 572.
- STRAW SHOULD JUST COVER THE SOIL SURFACE, BUT NOT BURY IT. SOME SOIL SHOULD BE VISIBLE THROUGH THE STRAW - 10%.
- ALL SEEDING TO BE APPLIED THROUGH HYDRAULIC METHOD EXCEPT AREAS WHERE CONDITIONS WILL ONLY PERMIT MECHANICAL SEEDING.
- ALL SEEDING APPLICATIONS TO MEET OPSS 804 STANDARDS AND SPECIFICATIONS.
- APPLY SEED AND HYDRAULIC MIXTURE EVENLY AND UNIFORMLY AND AT SUCH A RATE TO MEET THE COVERAGE SPECIFIED.

SEED MIX A LATIN NAMES	COMMON NAMES	% IN MIX
<i>Elymus canadensis</i>	Canada Wild Rye	15
<i>Rudbeckia hirta</i>	Black Eyed Susan	3
<i>Poa palustris</i>	Fowl Bluegrass	25
<i>Carex vulpinoidea</i>	Fox Sedge	15
<i>Sorghastrum nutans</i>	Indiangrass	15
<i>Aster novae-angliae</i>	New England Aster	2
<i>Elymus virginicus</i>	Virginia Rye	25
NURSE CROP: 100% Lolium (Ryegrass) Seed at rate of 22 kg./ha		



SEED MIX B - LAWN AND MOWN AREAS	
30% Lolium perenne cultivar	Perennial Ryegrass
20% Festuca ovina cultivar	Sheeps Fescue
20% Festuca rubra	Chewings Fescue
15% Festuca trachyphylla cultivar	Hard Fescue
15% Poa pratensis cultivar	Kentucky Bluegrass
Seed at rate of 5 lbs./1000 square feet.	

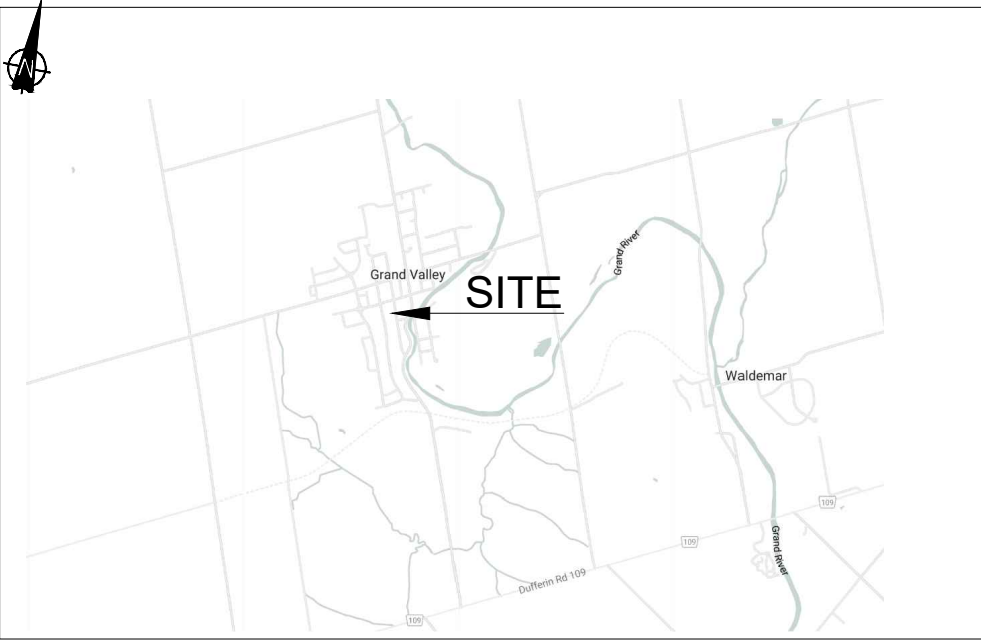


3 PLANTING NOTES

4 SEEDING NOTES

5 SEEDING LEGEND

KEY PLAN N.T.S.



Legend

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