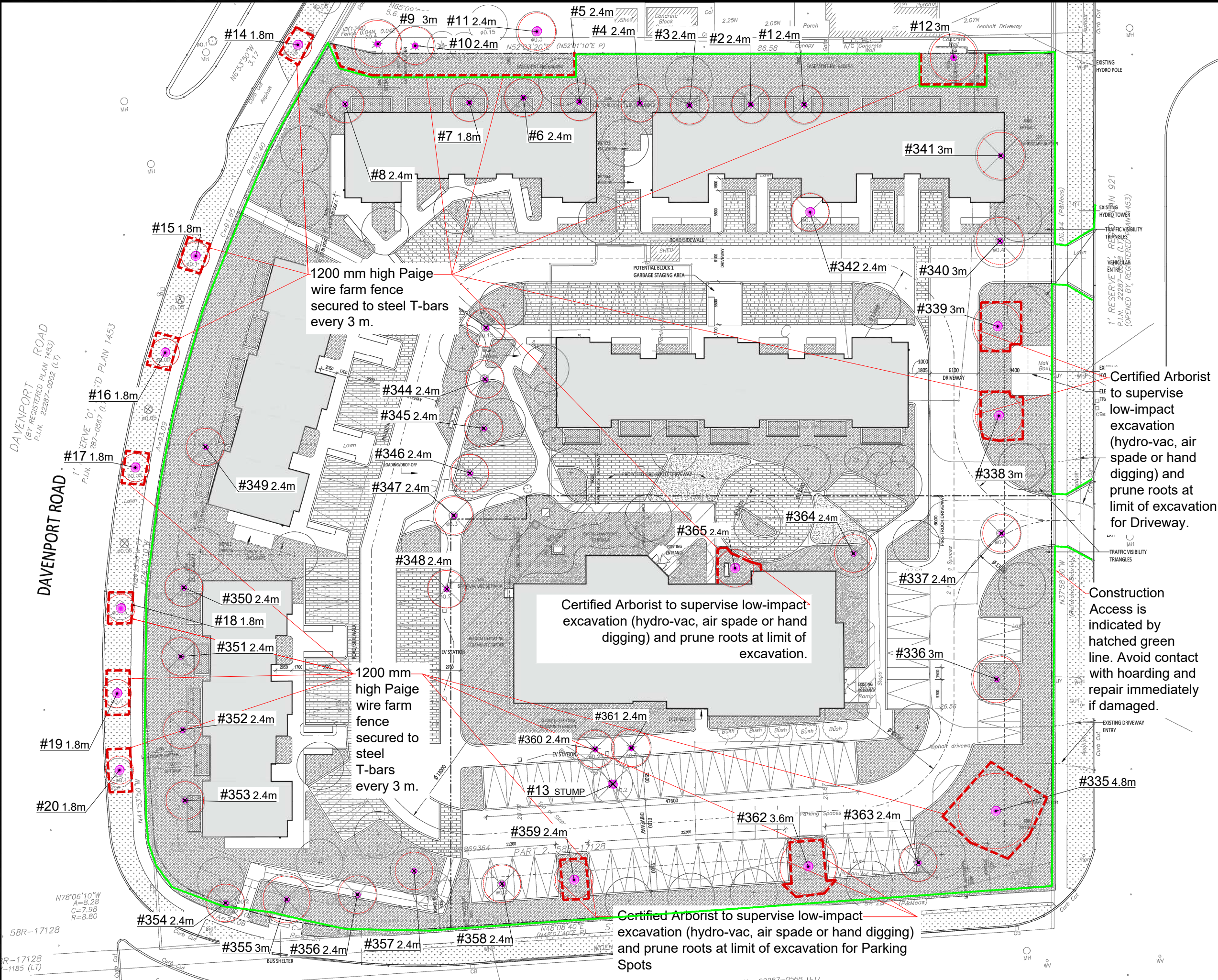
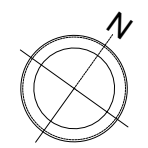




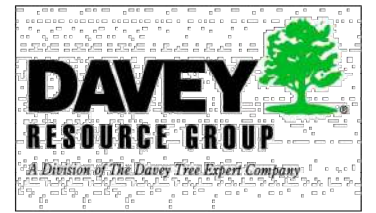
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PLAN KEY

- TREE RECOMMENDED FOR REMOVAL
- RETAINED TREE
- CONIFEROUS TREE FOR REMOVAL
- RETAINED CONIFEROUS TREE
- REPLACEMENT TREE
- RETAINED HEDGEROW
- HEDGEROW FOR REMOVAL
- TREE PROTECTION FENCE
- TREE PROTECTION ZONE



No.	DATE	BY	REVISIONS
001	08/15/2025	A.G	Tree Protection Plan



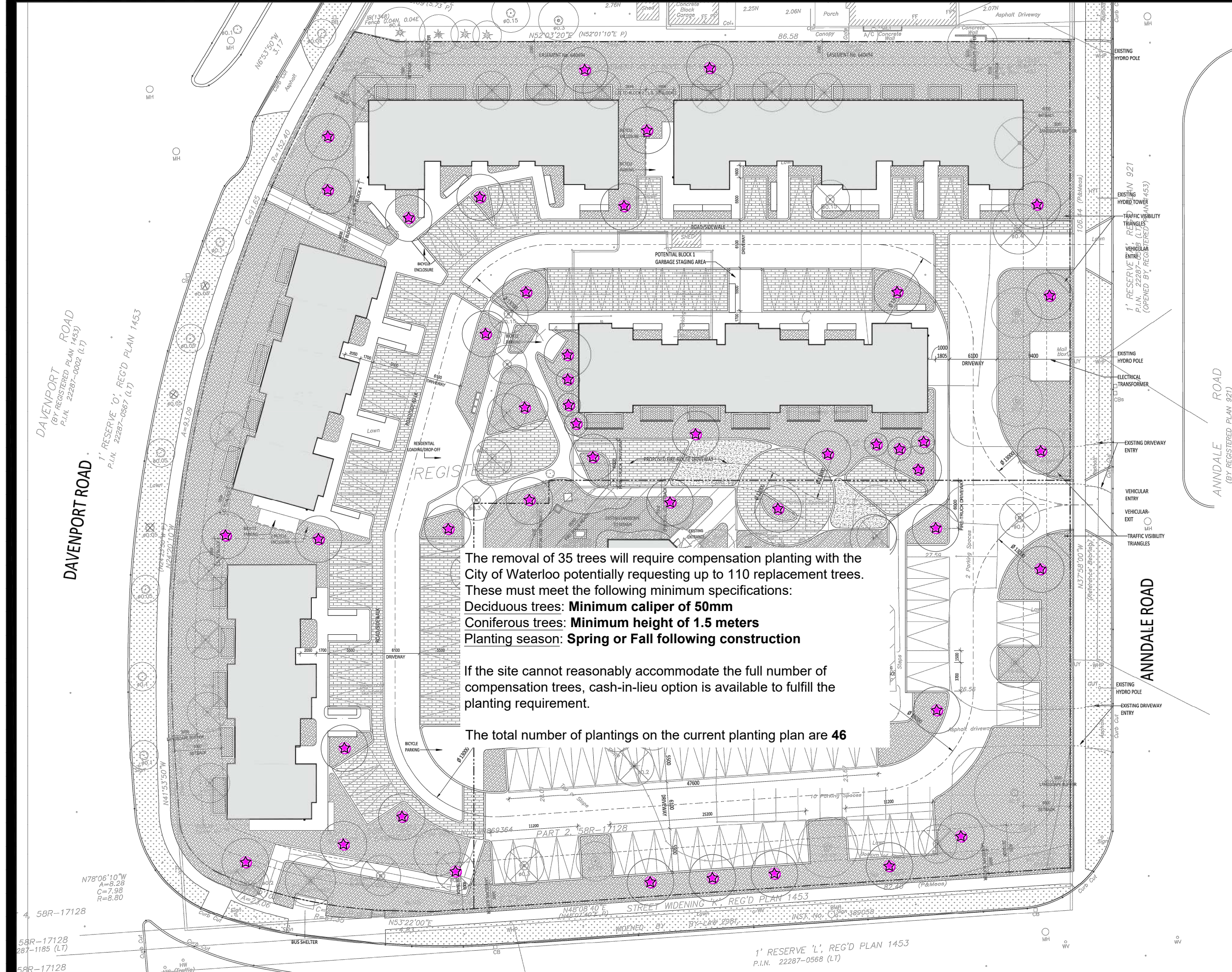
TITLE:

445 Anndale Rd,
Waterloo

CLIENT:

Kerrie Harvey

DRAWING NO.:	001	SCALE:	1:450
JOB NO.:		SHEET:	1 of 6



The removal of 35 trees will require compensation planting with the City of Waterloo potentially requesting up to 110 replacement trees. These must meet the following minimum specifications:
Deciduous trees: **Minimum caliper of 50mm**
Coniferous trees: **Minimum height of 1.5 meters**
Planting season: **Spring or Fall following construction**

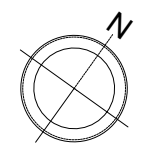
If the site cannot reasonably accommodate the full number of compensation trees, cash-in-lieu option is available to fulfill the planting requirement.

The total number of plantings on the current planting plan are **46**

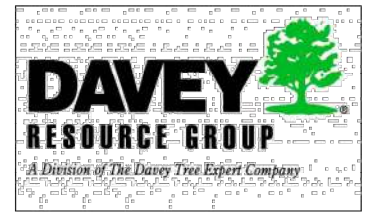
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PLAN KEY

- TREE RECOMMENDED FOR REMOVAL
- RETAINED TREE
- CONIFEROUS TREE FOR REMOVAL
- RETAINED CONIFEROUS TREE
- REPLACEMENT TREE
- RETAINED HEDGEROW
- HEDGEROW FOR REMOVAL
- TREE PROTECTION FENCE
- TREE PROTECTION ZONE



No.	DATE	BY	REVISIONS
001	08/15/2025	A.G	Tree Protection Plan



TITLE:

445 Anndale Rd,
Waterloo

CLIENT:

Kerrie Harvey

DRAWING NO.: 001	SCALE: 1:450
JOB NO.:	SHEET: 2 of 6

Tree Map Number	Species	Botanical	DBH (cm) @ 1.4 m	Tree Ownership	Minimum Tree Protection Distance (m)	Health	Structure	Overall Condition	Tree Height (m)	Crown Width (m)	Deadwood (%)	Construction inside Min TPZ? (Y/N)	Construction Impact (None, Low, Medium, High)	Action	Permit Required? (Y/N)	Notes and Recommendations
335	Maple, Norway	<i>Acer platanoides</i>	75	Private	4.8	Good	Fair	Good	10	12	15	N	None	Preserve	N	
336	Maple, Norway	<i>Acer platanoides</i>	48	Private	3.0	Fair	Poor	Fair	9	8	15	Y	Low	Remove	Y	Tree Has Major Trunk Wound And Was Filled With Foam, Recommend removal
337	Maple, Norway	<i>Acer platanoides</i>	38	Private	2.4	Poor	Fair	Poor	9	9	20	Y	High	Remove	Y	
338	Maple, Silver	<i>Acer saccharinum</i>	49	Private	3.0	Good	Fair	Good	15	8	15	Y	Low	Injure	Y	
339	Maple, Silver	<i>Acer saccharinum</i>	46	Private	3.0	Fair	Fair	Fair	15	8	20	Y	Low	Injure	Y	
340	Maple, Silver	<i>Acer saccharinum</i>	48	Private	3.0	Good	Fair	Good	16	9	15	Y	High	Remove	Y	
341	Maple, Silver	<i>Acer saccharinum</i>	42	Private	3.0	Good	Fair	Good	12	9	15	Y	High	Remove	Y	
1	Spruce, Colorado	<i>Picea pungens</i>	20	Private	2.4	Good	Good	Good	8	3	10	Y	High	Remove	Y	Estimated D.B.H / No Tag On Tree
2	Spruce, Colorado	<i>Picea pungens</i>	25	Private	2.4	Good	Good	Good	10	4	10	Y	High	Remove	Y	Estimated D.B.H / No Tag On Tree
3	Spruce, Colorado	<i>Picea pungens</i>	25	Private	2.4	Good	Good	Good	8	3	10	Y	High	Remove	Y	Estimated D.B.H / No Tag On Tree
4	Spruce, White	<i>Picea glauca</i>	30	Private	2.4	Good	Good	Good	9	4	10	Y	High	Remove	Y	Estimated D.B.H / No Tag On Tree
5	Spruce, White	<i>Picea glauca</i>	13	Private	2.4	Good	Good	Good	6	2	10	Y	High	Remove	N	No Tag On Tree
6	Spruce, Colorado	<i>Picea pungens</i>	15	Private	2.4	Good	Good	Good	6	2	10	Y	High	Remove	Y	Estimated D.B.H / No Tag On Tree
7	Spruce, White	<i>Picea glauca</i>	14	Private	2.4	Good	Good	Good	6	3	10	Y	High	Remove	N	No Tag On Tree
8	Oak, English	<i>Quercus robur</i>	30	Private	2.4	Good	Good	Good	11	7	10	Y	High	Remove	Y	No Tag On Tree
9	Spruce, Norway	<i>Picea abies</i>	45	Neighbour	3.0	Good	Fair	Good	15	10	15	N	None	Injure	Y	Estimated D.B.H / No Tag On Tree
10	Spruce, White	<i>Picea glauca</i>	25	Neighbour	2.4	Good	Good	Good	15	4	10	N	None	Injure	Y	Estimated D.B.H / No Tag On Tree
11	Locust, Honey	<i>Gleditsia triacanthos</i>	35	Neighbour	2.4	Good	Good	Good	17	10	15	N	None	Injure	Y	Estimated D.B.H / No Tag On Tree
12	Spruce, Colorado	<i>Picea pungens</i>	50	Private	3.0	Good	Good	Good	15	5	20	N	None	Injure	Y	Estimated D.B.H / No Tag On Tree
342	Linden, spp.	<i>Tilia spp.</i>	17	Private	2.4	Good	Good	Good	5	3	10	Y	High	Remove	Y	
343	Maple, Freeman	<i>Acer x freemanii</i>	26	Private	2.4	Fair	Poor	Fair	13	5	10	Y	High	Remove	Y	
344	Maple, Norway	<i>Acer platanoides</i>	24	Private	2.4	Good	Fair	Good	8	4	10	Y	High	Remove	Y	Multi-Stemmed Maple, 17cm And 17cm D.B.H., Used Sum Of Squares To Calculate The D.B.H

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PLAN KEY


 TREE RECOMMENDED FOR REMOVAL


 RETAINED TREE


 CONIFEROUS TREE FOR REMOVAL


 RETAINED CONIFEROUS TREE


 REPLACEMENT TREE

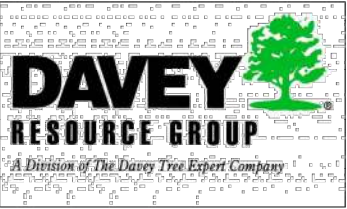

 RETAINED HEDGEROW


 HEDGEROW FOR REMOVAL


 TREE PROTECTION FENCE


 TREE PROTECTION ZONE

No.	DATE	BY	REVISIONS
001	08/15/2025	A.G	Tree Protection Plan



TITLE:

445 Anndale Rd,
Waterloo

CLIENT:

Kerrie Harvey

DRAWING NO.:
N/A

SCALE:
N/A

JOB NO.:

SHEET:
3 of 6

Tree Map Number	Species	Botanical	DBH (cm) @ 1.4 m	Tree Ownership	Minimum Tree Protection Distance (m)	Health	Structure	Overall Condition	Tree Height (m)	Crown Width (m)	Deadwood (%)	Construction inside Min TPZ? (Y/N)	Construction Impact (None, Low, Medium, High)	Action	Permit Required? (Y/N)	Notes and Recommendations
345	Maple, Norway	<i>Acer platanoides</i>	18	Private	2.4	Fair	Fair	Fair	6	4	10	Y	High	Remove	Y	
346	Maple, Norway	<i>Acer platanoides</i>	23	Private	2.4	Fair	Fair	Fair	6	4	15	Y	High	Remove	Y	
347	Maple, Norway	<i>Acer platanoides</i>	35	Private	2.4	Good	Fair	Good	8	6	15	Y	High	Remove	Y	
348	Spruce, spp.	<i>Picea spp.</i>	20	Private	2.4	Good	Good	Good	6	3	15	Y	High	Remove	Y	
349	Maple, Norway	<i>Acer platanoides</i>	29	Private	2.4	Good	Fair	Good	7	5	10	Y	High	Remove	Y	
350	Maple, Columnar	<i>Acer platanoides</i> 'Columnar'	22	Private	2.4	Good	Fair	Good	10	3	10	Y	High	Remove	Y	
351	Maple, Columnar	<i>Acer platanoides</i> 'Columnar'	21	Private	2.4	Fair	Fair	Fair	10	3	15	Y	High	Remove	Y	
352	Maple, Columnar	<i>Acer platanoides</i> 'Columnar'	31	Private	2.4	Dead/Dying	Dead/Dying	Dead/Dying	6	2	100	Y	High	Remove	N	
353	Maple, Columnar	<i>Acer platanoides</i> 'Columnar'	33	Private	2.4	Good	Fair	Good	12	6	15	Y	High	Remove	Y	
354	Maple, Norway	<i>Acer platanoides</i>	16	Private	2.4	Dead/Dying	Dead/Dying	Dead/Dying	6	2	70	Y	High	Remove	N	
355	Maple, Norway	<i>Acer platanoides</i>	45	Private	3.0	Fair	Fair	Fair	10	5	10	Y	High	Remove	Y	
356	Maple, Norway	<i>Acer platanoides</i>	35	Private	2.4	Good	Fair	Good	11	6	10	Y	High	Remove	Y	
357	Rock Elm	<i>Ulmus thomasii</i>	21	Private	2.4	Fair	Poor	Fair	7	6	10	Y	High	Remove	Y	
358	Maple, Crimson King	<i>Acer platanoides</i> 'Crimson King'	32	Private	2.4	Good	Good	Good	8	6	10	Y	High	Remove	Y	
359	Maple, Crimson King	<i>Acer platanoides</i> 'Crimson King'	24	Private	2.4	Fair	Fair	Fair	7	4	10	Y	Medium	Injure	Y	
13	Stump	<i>stump</i>	0	Private	N/A	Dead/Dying	Dead/Dying	Dead/Dying	N/A	N/A	N/A	N	High	Remove	N	
360	Spruce, Norway	<i>Picea abies</i>	26	Private	2.4	Good	Good	Good	10	4	10	Y	High	Remove	Y	
361	Spruce, Norway	<i>Picea abies</i>	30	Private	2.4	Good	Good	Good	9	5	10	Y	High	Remove	Y	
362	Maple, Silver	<i>Acer saccharinum</i>	51	Private	3.6	Fair	Fair	Fair	15	9	20	Y	Medium	Injure	Y	
363	Lilac spp.	<i>Syringa spp.</i>	14	Private	2.4	Poor	Poor	Poor	3	2	45	Y	High	Remove	N	
364	Serviceberry, spp.	<i>Amelanchier spp.</i>	30	Private	2.4	Fair	Poor	Fair	4	5	45	Y	High	Remove	Y	Multi-Stemmed Service Berry, 16cm, 16cm, 14cm, 12cm, And 10cm D.B.H, Used Sum Of Squares To Calculate The D.B.H
365	Lilac spp.	<i>Syringa spp.</i>	14	Private	2.4	Good	Fair	Good	3	3	20	Y	High	Injure	N	Multi-Stemmed Lilac, 7cm, 6cm, 6cm, 6cm, 5cm, 4cm, And 3cm D.B.H, Used Sum Of Squares To Calculate The D.B.H
14	Lilac spp.	<i>Syringa spp.</i>	5	City	1.8	Fair	Fair	Fair	3	1	10	N	None	Preserve	N	Estimated D.B.H, No Tag
15	Serviceberry, spp.	<i>Amelanchier spp.</i>	4	City	1.8	Fair	Fair	Fair	3	1	10	N	None	Preserve	N	Estimated D.B.H, No Tag
16	Coffeetree, Kentucky	<i>Gymnocladus dioica</i> s	3	City	1.8	Fair	Fair	Fair	3	1	5	N	None	Preserve	N	Estimated D.B.H, No Tag
17	Oak, White	<i>Quercus alba</i>	3	City	1.8	Fair	Poor	Fair	2	1	5	N	None	Preserve	N	Estimated D.B.H, No Tag
18	Maple, Red	<i>Acer rubrum</i>	4	City	1.8	Good	Fair	Good	3	1	5	N	None	Preserve	N	Estimated D.B.H, No Tag
19	Apple, spp.	<i>Malus spp.</i>	8	City	1.8	Fair	Fair	Fair	4	2	10	N	None	Preserve	N	Estimated D.B.H, No Tag
20	Apple, spp.	<i>Malus spp.</i>	8	City	1.8	Fair	Fair	Fair	4	2	10	N	None	Preserve	N	Estimated D.B.H, No Tag

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PLAN KEY

 TREE RECOMMENDED FOR REMOVAL

 RETAINED TREE

 CONIFEROUS TREE FOR REMOVAL

 RETAINED CONIFEROUS TREE

 REPLACEMENT TREE

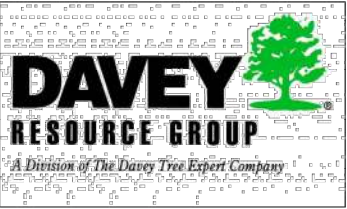
 RETAINED HEDGEROW

 HEDGEROW FOR REMOVAL

 TREE PROTECTION FENCE

 TREE PROTECTION ZONE

No.	DATE	BY	REVISIONS
001	08/15/2025	A.G	Tree Protection Plan



TITLE:

445 Anndale Rd,
Waterloo

CLIENT:

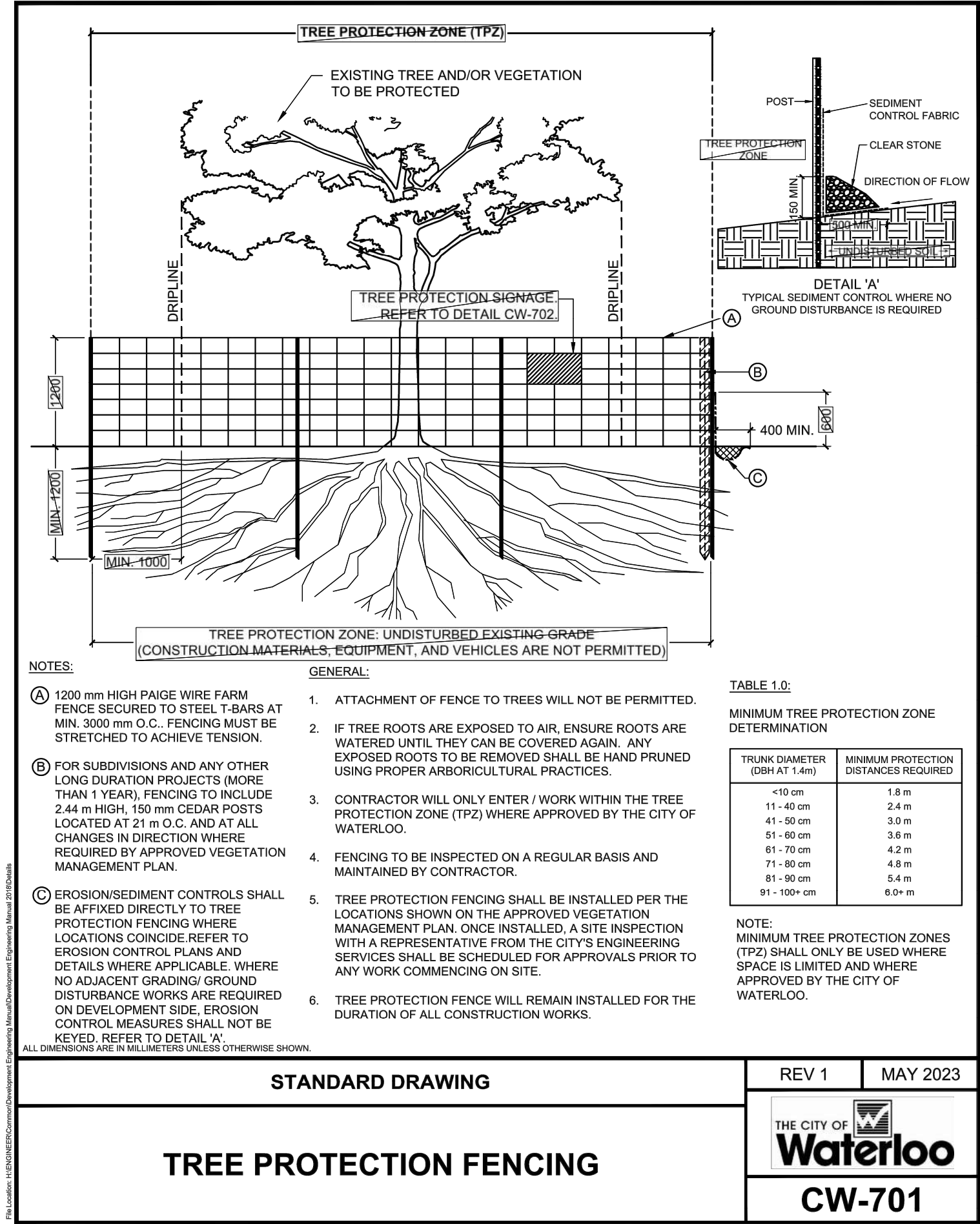
Kerrie Harvey

DRAWING NO.:
N/A

SCALE:
N/A

JOB NO.:

SHEET:
4 of 6

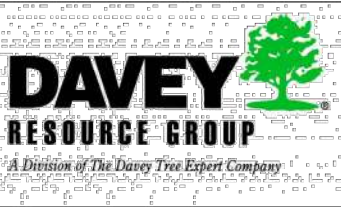


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PLAN KEY

-  TREE RECOMMENDED FOR REMOVAL
-  RETAINED TREE
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-  RETAINED CONIFEROUS TREE
-  REPLACEMENT TREE
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-  TREE PROTECTION FENCE
-  TREE PROTECTION ZONE

No.	DATE	BY	REVISIONS
001	08/15/2025	A.G	Tree Protection Plan



TITLE:

445 Anndale Rd,
Waterloo

CLIENT:

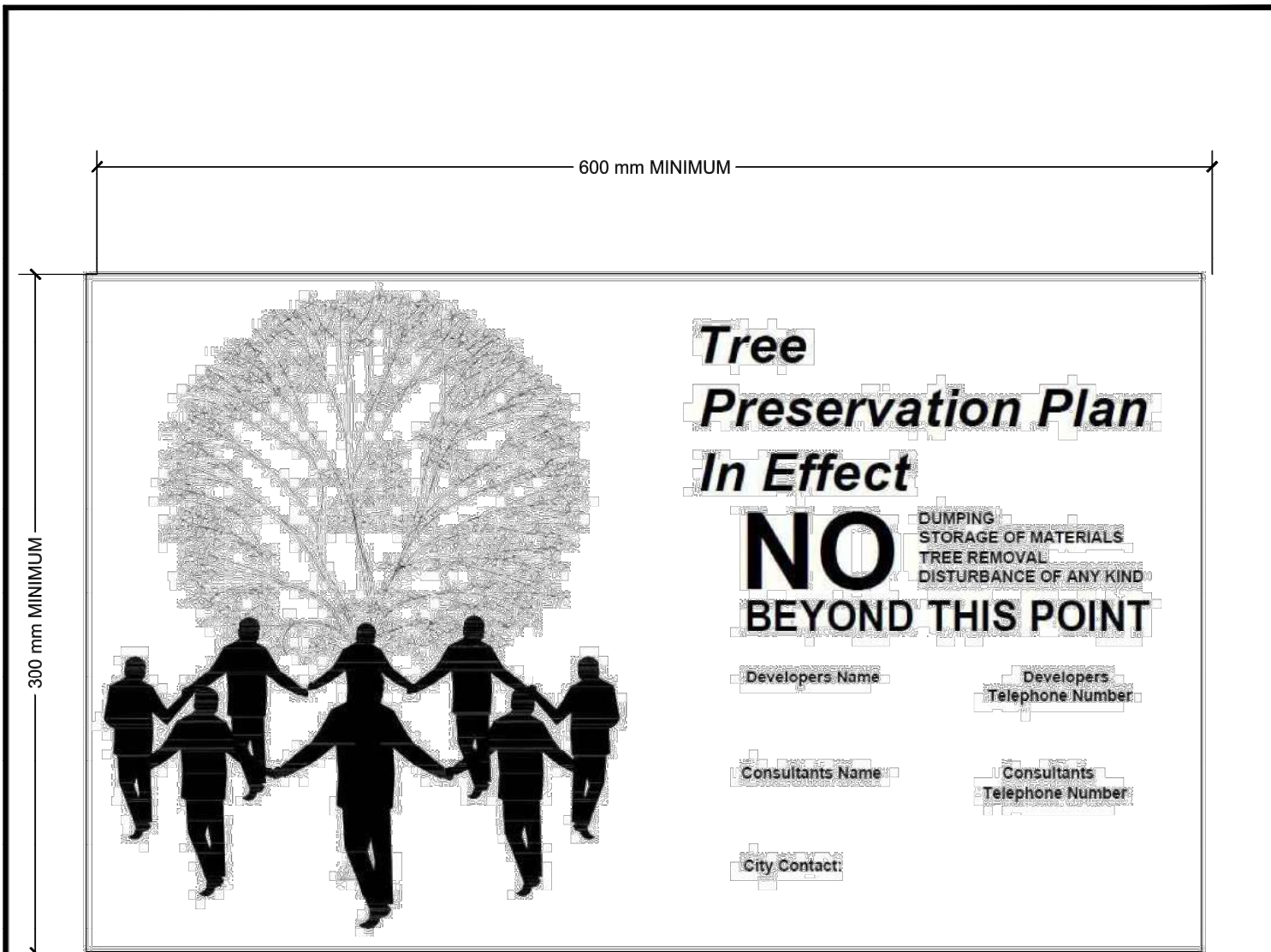
Kerrie Harvey

DRAWING NO.: N/A

SCALE: N/A

JOB NO.:

SHEET: 5 of 6



NOTES:

1. SIGN TO BE MOUNTED ON GATOR BOARD.
2. SIGN TO BE PLACED A MAXIMUM OF 30 m O.C. ALONG FENCE AND SECURED WITH OUTDOOR PLASTIC LOCKING TIE-WRAPS.
3. AT LEAST ONE SIGN SHALL BE INSTALLED AT EACH SIDE OF THE TREE PROTECTION ZONE.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

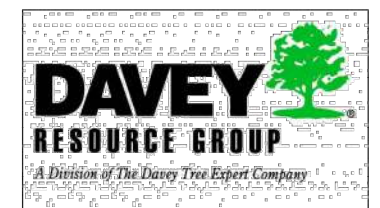
STANDARD DRAWING	REV 1	MAY 2023
TREE PROTECTION ZONE SIGNAGE	 CW-702	

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PLAN KEY

- | | |
|---|------------------------------|
|  | TREE RECOMMENDED FOR REMOVAL |
|  | RETAINED TREE |
|  | CONIFEROUS TREE FOR REMOVAL |
|  | RETAINED CONIFEROUS TREE |
|  | REPLACEMENT TREE |
|  | RETAINED HEDGEROW |
|  | HEDGEROW FOR REMOVAL |
|  | TREE PROTECTION FENCE |
|  | TREE PROTECTION ZONE |

[illegible]

TITLE: 445 Anndale Rd, Waterloo	
CLIENT: Kerrie Harvey	
DRAWING NO.: N/A	SCALE: N/A
JOB NO.:	SHEET: 6 of 6