

(WIDENED BY BY-LAW 2006-18144, INST. WC154212)

NOTES:

A MINIMUM OF 30 m³ OF QUALITY SOIL PER EVERY TREE AND A MINIMUM OF 20 m³ PER TREES SHARING SOIL VOLUME WHICH IS THE REQUIRED MINIMUM SOIL VOLUME TO BE PROVIDED FOR TREES PLANTED IN HARDCAPING AS PER CITY OF QUELPH TREE TECHNICAL MANUAL AND A MINIMUM OF 36 m³ FOR STREET TREES PER TREE AS PER QUELPH STREETSCAPE MANUAL.

IRRIGATION USING NON-POTABLE WATER WILL BE PROVIDED FOR TREES WITHIN THE PROPERTY.

A WATERING PROGRAM COMPLIANT WITH CITY STANDARDS WILL BE PROVIDED FOR ALL TREES ON CITY LAND THE FIRST TWO YEARS AFTER PLANTING.

ALL TREES MUST BE PLANTED AS PER THE PLANS, APPROVED BY URBAN FORESTRY AND MUST ARRIVE ON SITE IN BALLED AND BURLAPPED CONDITION, WITH A MINIMUM CALIPER OF 60MM (OR AS SPECIFIED IF LARGER). EACH TREE SHALL HAVE THE BURLAP AND WIRE CAGE OPENED AND SOIL BRUSHED AWAY UNTIL THE FIRST PROPER ROOT IS FOUND INDICATING THE TOP OF THE REAL ROOT BALL. THE TREE IS THEN TO BE PLANTED WITH THIS LEVEL TO BE CONSIDERED THE TOP OF ROOTBALL FOR ALL OTHER INSTRUCTIONS. ANY TREE FOUND PLANTED WITH THE FIRST PROPER ROOT MORE THAN 1.5CM BELOW PLANTING LEVEL WILL BE REJECTED AND REQUIRE REPLACEMENT OR REPLANTING AT THE CITY'S DISCRETION.

AUTOMATIC IRRIGATION SYSTEM IS TO BE USED FOR AT-GRADE PLANTING WITHIN PRIVATE PROPERTY.

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NO. DATE REVISION/ISSUANCE  
01 2023.12.19 ISSUED FOR COORD  
02 2023.12.14 ISSUED FOR 2/4 PRE-SUBMISSION

LEGEND

- PROPOSED PROPERTY LINE
- EASEMENT
- BUILDING OUTLINE
- BUILDING ABOVE
- BUILDING BELOW
- FENCE
- CATEGORY LIGHTING
- TREE PROTECTION FENCING
- PAVING TYPE 1
- PAVING TYPE 2
- PAVING TYPE 3
- C.I.P CONCRETE
- MIXED PLANTING BED
- SOD
- PLAY SURFACE
- TREE PROTECTION ZONE
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- EXISTING TREE REMOVAL
- PROPOSED CANOPY TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED SHRUBS
- TREE GRATE
- BENCH SEATING
- BISTRO DINING
- BIKE PARKING TYPE 1
- BIKE PARKING TYPE 2
- TACTILE STRIP
- STREET LIGHT
- TRENCH DRAIN
- SOIL AREA
- SOIL CELLS AREA

HAWKINS DRIVE (DEDICATED AS PUBLIC HIGHWAY BY BY-LAW (2013)-19637, INST. WC396513)

BLOCK 2, PLAN 61M-165

HAWKINS DR

HAWKINS DRIVE

HAWKINS DR

HAWKINS DR

HAWKINS DR

HAWKINS DR

HAWKINS DR

HAWKINS DR

BLOCK 10(0.30 RESERVE) PLAN 61M-165

BLOCK 11(0.30 RESERVE) PLAN 61M-165

CLAIR RD E

10.00(P)

SOIL ZONE 36

FARLEY DR

SOIL ZONE 35

DEVELOPMENT LINE

SOIL ZONE 34

FARLEY DR

SOIL ZONE 33

VE EAST M-165

19.70(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

20.00(P)

POPPY DRIVE EAST (DEDICATED AS PUBLIC HIGHWAY BY BY-LAW (2013)-19637, INST. WC386513) BLOCK 5, PLAN 61M-165

Soil Volume Chart

Soil Zone Area	Location (City ROW, private property)	Soil Area (m²)	Soil Depth (m)	Total Soil Volume (m³)	Tree Quantity	Soil Volume per tree (m³)	Irrigation provided (Yes/No)	Hard Surface or Soft Surface (Yes/No)	Soil Cells (Yes/No)
1	ROW	24	1.5	36	1	36	NO	SOFT	NO
2	ROW	24	1.5	36	1	36	NO	SOFT	NO
3	ROW	28	1.5	42	1	42	NO	SOFT	NO
4	ROW	37	1.5	56	1	56	NO	SOFT	NO
5	ROW	50	1.5	75	2	38	NO	SOFT	NO
6	ROW	51	1.5	77	2	38	NO	SOFT	NO
7	ROW	27	1.5	41	1	41	NO	SOFT	NO
8	ROW	27	1.5	41	1	41	NO	SOFT	NO
9	ROW	29	1.5	44	1	44	NO	SOFT	NO
10	ROW	30	1.5	45	1	45	NO	SOFT	NO
11	ROW	29	1.5	44	1	44	NO	SOFT	NO
12	ROW	27	1.5	41	1	41	NO	SOFT	NO
13	ROW	27	1.5	41	1	41	NO	SOFT	NO
14	ROW	27	1.5	41	1	41	NO	SOFT	NO
15	ROW	27	1.5	41	1	41	YES	BOTH	NO
16	PRIVATE	32	1.5	48	1	48	YES	SOFT	NO
17	PRIVATE	20	1.5	30	1	30	YES	SOFT	NO
18	PRIVATE	25	1.5	38	1	38	YES	SOFT	NO
19	PRIVATE	57	1.5	86	2	43	YES	SOFT	NO
20	PRIVATE	25	1.5	38	1	38	YES	SOFT	NO
21	PRIVATE	23	1.5	35	1	35	YES	SOFT	NO
22	PRIVATE	32	1.5	48	1	48	YES	SOFT	NO
23	PRIVATE	52	1.5	78	2	39	YES	SOFT	NO
24	PRIVATE	21	1.5	32	1	32	YES	SOFT	NO
25	PRIVATE	58	1.5	87	2	44	YES	SOFT	NO
26	PRIVATE	40	1.5	60	2	30	YES	SOFT	NO
27	PRIVATE	26	1.5	39	1	39	YES	SOFT	NO
28	PRIVATE	59	1.5	89	2	45	YES	SOFT	NO
29	PRIVATE	40	1.5	60	2	30	YES	SOFT	NO
30	PRIVATE	40	1.5	60	2	30	YES	SOFT	NO
31**	PRIVATE	150	1.2	180	5	36	YES	BOTH	YES
32**	PRIVATE	150	1.2	180	5	36	YES	BOTH	YES
33**	PRIVATE	30	1	30.0	1	30	YES	BOTH	YES
34**	PRIVATE	60	1	60.0	2	30	YES	BOTH	YES
35**	PRIVATE	30	1	30.0	1	30	YES	BOTH	YES
36**	PRIVATE	90	1	90.0	3	30	YES	BOTH	YES
37	PRIVATE	29	1.2	34.8	1	34.8	YES	SOFT	NO
38	PRIVATE	31	1.2	37.2	1	37.2	YES	SOFT	NO
39**	PRIVATE	62	1.2	74.4	2	37.2	YES	BOTH	YES
40	PRIVATE	31	1.2	37.2	1	37.2	YES	SOFT	NO
41	PRIVATE	31	1.2	37.2	1	37.2	YES	SOFT	NO
42	PRIVATE	72	1.2	86.4	2	43.2	YES	SOFT	NO
43**	PRIVATE	25	1.2	30.0	1	30	YES	BOTH	YES
44	PRIVATE	34	1.2	40.8	1	40.8	YES	SOFT	NO
45	PRIVATE	33	1.2	39.6	1	39.6	YES	SOFT	NO
46	PRIVATE	76	1.2	91.2	2	45.6	YES	SOFT	NO
47**	PRIVATE	63	1.2	75.6	2	37.8	YES	BOTH	YES
48**	PRIVATE	126	1.2	151.2	4	37.8	YES	BOTH	YES
49**	PRIVATE	276	1.2	331.2	9	36.8	YES	BOTH	YES
Totals		2414.0		3156.6	84	1874.4			

\*\* Soil depth excludes drainage layer

\* Soil cells are proposed under areas of paving

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PERGOLA COMMONS 1 Clair Road East, Guelph, Ontario

SOIL PLAN

PROJECT SCALE 4/04 1:200 DRAWN MM CHECKED MC

L-500