



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 GUELPH TREE TECHNICAL MANUAL AND A MINIMUM OF 36 m³ FOR STREET TREES PER TREE AS PER GUELPH 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.

- NO. DATE REVISION/ISSUANCE
- 01 2023.11.29 ISSUED FOR COORD
- 02 2024.07.26 ISSUED FOR 2B PRE-SUBMISSION
- LEGEND**
- PROPOSED PROPERTY LINE
 - - - EASEMENT
 - BUILDING OUTLINE
 - BUILDING ABOVE
 - BUILDING BELOW
 - FENCE
 - CATERMAY LIGHTING
 - TREE PROTECTION FENCING
 - PAVING TYPE 1
 - PAVING TYPE 2
 - PAVING TYPE 3
 - C-1/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

Soil Volume Chart

Soil Zone Area	Location (City ROW, private property)	Soil Area (m ²)	Soil Depth (m)	Total Soil Volume (m ³)	Tree Quantity	Soil Volume per tree (m ³)	Irrigation provided (Yes/No)	Hard Surface or Soft Surface (Yes/No)	Soil Cells (Yes/No)
1	ROW	282	1.5	423	11	38	NO	SOFT	NO
2	PRIVATE	31	1.5	47	1	47	NO	SOFT	NO
3	ROW	89	1.5	134	3	45	NO	SOFT	NO
4	PRIVATE	32	1.5	48	1	48	NO	BOTH	YES
5	PRIVATE	31	1.5	47	1	47	NO	SOFT	NO
6	PRIVATE	31	1.5	47	1	47	NO	SOFT	NO
7**	PRIVATE	31	1.5	47	1	47	NO	BOTH	YES
8**	PRIVATE	31	1.5	47	1	47	NO	BOTH	YES
9	ROW	220	1.5	330	9	35	NO	SOFT	NO
10	PRIVATE	45	1.5	68	1	68	NO	SOFT	NO
11	ROW	91	1.5	137	3	46	NO	SOFT	NO
12	ROW	167	1.5	251	6	42	NO	SOFT	NO
13**	PRIVATE	65	1.5	98	2	49	NO	BOTH	YES
14**	PRIVATE	30	1.5	45	1	45	NO	HARD	YES
15	PRIVATE	81	1.5	122	4	30	Yes	BOTH	YES
16	PRIVATE	61	1.5	92	2	46	Yes	SOFT	NO
17	PRIVATE	29	1.5	44	1	44	Yes	SOFT	NO
18	PRIVATE	59	1.5	89	2	44	Yes	SOFT	NO
19**	PRIVATE	29	1.5	44	1	44	Yes	BOTH	YES
20**	PRIVATE	124	1.5	186	4	47	Yes	BOTH	YES
21**	PRIVATE	60	1.5	90	2	45	Yes	BOTH	YES
22	PRIVATE	38	1.5	57	1	57	Yes	SOFT	NO
23	PRIVATE	25	1.5	39	1	39	Yes	SOFT	NO
24	PRIVATE	29	1.5	44	1	44	Yes	SOFT	NO
25**	PRIVATE	32	1.5	48	1	48	Yes	BOTH	YES
26	PRIVATE	40	1.5	60	1	60	Yes	SOFT	NO
27**	PRIVATE	33	1.5	50	1	50	Yes	BOTH	YES
28**	PRIVATE	150	1.5	225	5	45	Yes	HARD	YES
29**	PRIVATE	150	1.5	225	5	45	Yes	HARD	YES
30	PRIVATE	41	1.2	49	2	25	Yes	SOFT	NO
31	PRIVATE	40	1.2	48	2	24	Yes	SOFT	NO
32**	PRIVATE	62	1.2	74	2	37	Yes	HARD	YES
33	PRIVATE	30	1	30	3	10	Yes	SOFT	NO
34**	PRIVATE	62	1	62	2	31	Yes	HARD	YES
35	PRIVATE	124	1	124	5	24.8	Yes	SOFT	NO
36	PRIVATE	24	1	24	1	24	Yes	SOFT	NO
37	PRIVATE	35	1.2	42	1	42	Yes	SOFT	NO
38	PRIVATE	30	1.2	36	1	36	Yes	SOFT	NO
39	PRIVATE	34	1.2	40.8	1	40.8	Yes	SOFT	NO
40	PRIVATE	29	1.2	34.8	1	34.8	Yes	SOFT	NO
41	PRIVATE	77	1.2	92.4	2	46.2	Yes	SOFT	NO
42**	PRIVATE	60	1.2	72	2	36	Yes	HARD	YES
43**	PRIVATE	190	1.2	228	6	38	Yes	HARD	YES
Totals		3005.0		4178.1	105				

* Soil depth excludes drainage layer
 ** Soil cells are proposed under areas of paving

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SOIL PLAN

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