Soil volume for Tree Planting

Soil Area	Subsection Soil Area #	Location (City ROW, private property)	Planting Area (m^2)	Planting Area Soil Cells (m^2)	Soil Depth (m)**	Total Soil Volume (m^3)***	Tree Quantity	Soil Volume per tree (m^3)	Irrigation provided (Yes/No)	Soil Cells (Yes/No)
1		PRIVATE	54.0		1.60	86.4	1		Yes	No
Soil Area 1 Total						86.4	1	86		
2	1	PRIVATE	101.0		1.60	161.6	4		Yes	No
	2	PRIVATE		22.0	1.20	23.8			No	Yes
Soil Area 2 Total						185.4	4	46		
3		PRIVATE	29.0		1.60	46.4			Yes	No
Soil Area 3 Total						46.4	46	1		
4		PRIVATE	75.0		1.60	120.0	2		Yes	No
Soil Area 4 Total						120.0	2	60		
5		PRIVATE	36.0		1.60	57.6	1		Yes	No
Soil Area 5 Total						57.6	1	58		
6		PRIVATE	58.0		1.60	92.8	2		Yes	No
Soil Area 6 Total						92.8	2	46		
7		PRIVATE	52.0		1.60	83.2	1		Yes	No
Soil Area 7 Total						83.2	1	83		
8	1	PRIVATE	33.0		1.20	39.6	2		Yes	No
	2	PRIVATE	12.0		1.20	14.4			Yes	No
	3	PRIVATE		11.0	0.80	7.9			No	Yes
Soil Area 8 Total						61.9	2	31		
9	1	PRIVATE	13.0		1.60	20.8	1		Yes	No
	2	PRIVATE		13.0	1.20	14.0			No	Yes
Soil Area 9 Total						34.8	1	35		
10	1	PRIVATE	8.0		1.60	12.8	1		Yes	No
	2	PRIVATE	22.0		1.20	26.4			Yes	No
Soil Area 10 Total						39.2	1	39		
11	1	PRIVATE	150.0		1.60	240.0	10		Yes	No
	2	PRIVATE	124.0		1.20	148.8			Yes	No
Soil Area 11 Total						388.8	10	39		
Totals						1196.5	71			

* Soil volume from soil cell areas with a depth less than 0.8m has been excluded from the total soil volume calculation.

** Soil depth excludes drainage layer.

*** Soil volume in the **soil cell** areas is calculated at 90% capacity.

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Revisions

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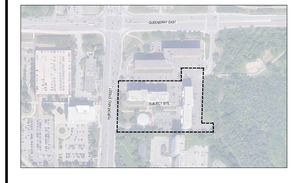

Scale
AS SHOWN

Phase
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North

Drawing Name
SOIL VOLUME SCHEDULE AND NOTES

Sheet Number
NOT FOR CONSTRUCTION

LV.100

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