LANDSCAPE PLAN - GROUND FLOOR PLAN

THE ROSE CORPORATION • 420-468 SOUTH SERVICE ROAD • 2127.23 • Sep 17, 25

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LANDSCAPE PLAN - ROOF PLAN

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Soil volume is calculated based on an average constant soil depth of 1000 mm across the planting area, achieved through a 600 mm recessed (drop) slab and a minimum terrain build-up of 400 mm on the deck.

Soil Volume - Planting bed				Trees			
Planter ID	Planter Area m²	Soil depth (m)	Soil Volume (m³)	Small (m³)	Medium (m³)	Large (m³)	Total soil volume (m³)
				15	30	45	
Block 1							
B1-P01	535	1	535	6	5	2	330
B1-P02	344	1	344	5	4	1	240
B1-P03	183	1	183	4	3	0	150
B1-P04	845	1	845	7	5	2	345
B1-P05	119	1	119	2	1	1	105
B1-P06	69	1	69	1	0	1	60
B1-P07	42	1	42	0	1	0	30
B1-P08	87	1	87	3	1	0	75
B1-P09	104	1	104	3	0	1	90
B1-P10	100	1	100	1	1	1	90
B1-P11	58	1	58	0	1	0	30
B1-P12	142	1	142	2	1	1	105
B1-P13	24	1	24	1	0	0	15
B1-P14	44	1	44	2	0	0	30
B1-P15	128	1	128	2	2	0	90
B1-P16	161	1	161	2	1	1	105
B1-P17	595	1	595	2	11	1	405
B1-P18	134	1	134	2	2	0	90
B1-P19	133	1	133	1	1	1	90
B1-P20	36	1	36	1	0	0	15
B1-P21	80	1	80	2	1	0	60
B1-P22	347	1	347	6	3	0	180
B1-P23	53	1	53	1	1	0	45
B1-P24	30	1	30	1	0	0	15
B1-P25	384	1	384	4	2	1	165
B1-P26	121	1	121	3	1	1	120
B1-P27	922	1	922	9	9	1	450
B1-P28	373	1	373	4	2	1	165

Soil Volume - Planting bed				Trees			
Planter ID	Planter Area m²	Soil depth (m)	Soil Volume (m³)	Small (m³)	Medium (m³)	Large (m³)	Total soil volume (m³)
B2-P01	2869	1	2869	22	19	6	1170
B2-P02	604	1	604	10	3	1	285
B2-P03	108	1	108	3	0	0	45
B2-P04	106	1	106	2	1	0	60
B2-P05	23	1	23	1	0	0	15
B2-P06	77	1	77	3	1	0	75
B2-P07	92	1	92	1	1	1	90
B2-P08	106	1	106	4	1	0	90
B2-P09	59	1	59	1	1	0	45
B2-P10	171	1	171	3	1	1	120
B2-P11	292	1	292	7	1	1	193
B2-P12	108	1	108	1	2	0	75
B2-P13	478	1	478	7	4	1	270
B2-P14	120	1	120	3	2	0	105
B2-P15	120	1	120	3	1	0	75
B2-P16	73	1	73	1	1	0	45
B2-P17	373	1	373	6	2	1	195
B2-P18	62	1	62	1	0	0	15
B2-P19	76	1	76	2	1	0	60
B2-P20	65	1	65	1	1	0	45
B2-P21	35	1	35	0	0	0	0
B2-P22	243	1	243	4	2	0	120
B2-P23	100	1	100	2	2	0	90
B2-P24	92	1	92	2	1	0	60
B2-P25	132	1	132	3	1	0	75
B2-P26	90	1	90	2	1	0	60
B2-P27	124	1	124	3	2	0	105
B2-P28	47	1	47	1	1	0	45

Soil Volume - Planting bed				Trees			
Planter ID	Planter Area m²	Soil depth (m)	Soil Volume (m³)	Small (m³)	Medium (m³)	Large (m³)	Total soil volume (m³)
B3-P01	24	1	24	1	0	0	15
B3-P02	15	1	15	1	0	0	15
B3-P03	78	1	78	2	1	0	60
B3-P04	153	1	153	5	1	0	105
B3-P05	103	1	103	5	0	0	75
B3-P06	69	1	69	2	1	0	60
B3-P07	154	1	154	6	2	0	150
B3-P08	993	1	993	11	10	3	600
B3-P09	194	1	194	3	2	0	105
B3-P10	38	1	38	2	0	0	30
B3-P11	169	1	169	3	2	0	105
B3-P12	36	1	36	1	0	0	15
B3-P13	27	1	27	1	0	0	15
B3-P14	397	1	397	6	3	2	270
B3-P15	341	1	341	7	3	0	195
B3-P16	132	1	132	2	2	0	90
B3-P17	57	1	57	1	1	0	45
B3-P18	213	1	213	3	2	1	150
B3-P19	296	1	296	3	3	1	180
B3-P20	674	1	674	7	4	2	315
B3-P21	346	1	346	4	3	1	195
B3-P22	155	1	155	0	1	2	120
B3-P23	58	1	58	1	1	0	45
B3-P24	60	1	60	1	1	0	45
B3-P25	60	1	60	0	2	0	60
B3-P26	58	1	58	1	1	0	45
B3-P27	42	1	42	1	0	0	15
B3-P28	39	1	39	0	1	0	30

Soil Volume - Planting bed				Trees			
Planter ID	Planter Area m²	Soil depth (m)	Soil Volume (m³)	Small (m³)	Medium (m³)	Large (m³)	Total soil volume (m³)
Block 4							
B4-P01	43	1	43	1	0	0	15
B4-P02	114	1	114	1	2	0	75
B4-P03	55	1	55	1	1	0	45
B4-P04	111	1	111	3	1	0	75
B4-P05	42	1	42	1	0	0	15
B4-P06	326	1	326	8	2	1	225
B4-P07	23	1	23	1	0	0	15
B4-P08	40	1	40	1	0	0	15
B4-P09	69	1	69	1	1	0	45
B4-P10	194	1	194	5	2	0	135
B4-P11	117	1	117	3	1	0	75
B4-P12	143	1	143	3	2	0	105
B4-P13	77	1	77	3	1	0	75
B4-P14	73	1	73	3	0	0	45
B4-P15	100	1	100	3	1	0	75
B4-P16	99	1	99	3	1	0	75
B4-P17	83	1	83	2	1	0	60
B4-P18	73	1	73	1	0	0	15
B4-P19	574	1	574	5	5	1	270
B4-P20	129	1	129	2	1	0	60
B4-P21	60	1	60	0	0	1	45
B4-P22	41	1	41	2	0	0	30
B4-P23	98	1	98	2	0	0	30
B4-P24	469	1	469	5	2	2	225
B4-P25	65	1	65	1	1	0	45

SOIL VOLUME PLAN

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PLANTING SCHEDULE - Oakville

IMAGE	BOTANICAL NAME	COMMON NAME	NATIVE
TREES - Large			
	*Acer nigrum*	Black maple	X
	*Acer saccharum*	Sugar maple	X
	*Betula alleghaniensis*	Yellow birch	X
	*Betula papyrifera*	Paper birch	X
	*Carya ovata*	Shagbark hickory	X
	*Celtis occidentalis*	Common hackberry	X
	*Gymnocladus dioica*	Kentucky coffee tree	X
	*Liriodendron tulipifera*	Tulip tree	X
	*Pinus strobus*	Eastern white pine	X
	*Quercus alba*	White oak	X
	*Quercus bicolor*	Swamp white oak	X
	*Quercus macrocarpa*	Bur oak	X
	*Quercus rubra*	Northern red oak	X

TREES - Medium

	*Abies balsamea*	Balsam fir	X
	*Larix laricina*	Tamarack	X
	*Nyssa sylvatica*	Black gum tree	X
	*Ostrya virginiana*	Eastern hop-hornbeam	X
	*Sassafras albidum*	Sassafras	X

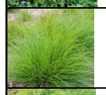
TREES - Small

	*Carpinus caroliniana*	American hornbeam	X
	*Prunus virginiana*	Chokecherry	X
	*Ptelea trifoliata*	Hop tree	X

PLANTING SCHEDULE - Oaville

IMAGE	BOTANICAL NAME	COMMON NAME	NATIVE
SHRUBS			
	*Amelanchier laevis*	Smooth serviceberry	X
	*Amelanchier sanguinea*	Round-leaved serviceberry	X
	*Cornus alternifolia*	Alternate-leaf dogwood	X
	*Cornus florida*	Flowering dogwood	X
	*Dirca palustris*	Eastern leatherwood	X
	*Corylus cornuta*	Beaked hazelnut	X
	*Hamamelis virginiana*	Witch hazel	X
	*Viburnum acerifolium*	Maple-leaved arrowwood	X

PLANTING SCHEDULE - Oakville

IMAGE	BOTANICAL NAME	COMMON NAME	NATIVE
GROUNDCOVERS / GRASSES AND PERENNIALS			
	*Asarum canadense*	Wild ginger	X
	*Aster divaricatus*	White wood aster	X
	*Athryum filix-femina*	Lady fern	X
	*Calamagrostis canadensis*	Canada bluejoint	X
	*Campanula americana*	Tall bellflower	X
	*Carex eburnea*	Bristle-leaf sedge	X
	*Carex pensylvanica*	Oak sedge	X
	*Carex plantaginea*	Plantain-leaved sedge	X
	*Cimicifuga racemosa*	Black snakeroot	X
	*Cornus canadensis*	Bunchberry	X
	*Dennstaedtia punctilobula*	Hay scented fern	X
	*Dicentra cucullaria*	Dutchman's breeches	X
	*Dryopteris goldinia*	Giant wood fern	X
	*Eurybia macrophylla*	Big leaf aster	X
	*Fragaria virginiana*	Wild strawberry	X
	*Geranium maculatum*	Spotted geranium,	X
	*Matteuccia struthiopteris*	Ostrich fern	X
	*Mertensia virginica*	Virginia bluebells	X
	*Osmunda cinnamomea*	Cinnamon fern	X
	*Polystichum acrostichoides*	Christmas fern	X
	*Sanguinaria canadensis*	Bloodroot	X
	*Smilacina racemosa*	False solomon's seal	X
	*Tiarella cordifolia*	Foam flower	X