



TREE REPLACEMENT CALCULATION

EXISTING TREE INVENTORY:			
TAG NO.	SCIENTIFIC NAME	COMMON NAME	CONDITION DBH
510 X	Carya ovata	Shagbark hickory	GOOD 18
511 X	Quercus macrocarpa	Black Willow	GOOD 4
512 X	Salix nigra	Black Willow	POOR 8
513 X	Salix nigra	Black Willow	POOR 6.4
514 X	Quercus macrocarpa	Bur oak	GOOD 36
515 X	Quercus macrocarpa	Bur oak	GOOD 5
516 X	Quercus macrocarpa	Bur oak	GOOD 5



EXISTING TREE TO BE REMOVED



EXISTING TREE & TAG NO.

X SCHEDULED FOR REMOVAL	
QUANTITY AND DIAMETER	REQUIRED NO. OF REPLACEMENT TREES
ONE REQUIRED TREE	10, 2.5" BB
2 - 15" - 12"	4, 2.5" BB
3 - 13" - 25"	6, 2.5" BB
1 - 26" OR GREATER	10, TOTAL REPLACEMENT TREES

* REPLACEMENT TREE	
SHADE TREES	River Birch
AE*	Swamp White Oak
DB*	
Quercus bicolor	

NOTE: EXISTING TREE INVENTORY WAS PREPARED BY ENCAP, INC. 7-16-04

PLANT LIST

PARKWAY SHAALTEES		
AC	Acer rubrum 'Frankford'	Red Sunset Red Maple
GL	Gleditsia nivalis 'Shademaster'	Shademaster Honeylocust
QU	Quercus rubra	Red Oak
TI	Tilia americana 'Redmond'	Redmond American Linden

OVERLOOK PLANT LIST	Quantity	Size
SHADE TREES	1	2.5" BB
Red Alder	2	8" CF
AR		
Bottle Sycamore	12	24" BB
DECIDUOUS SHRUBS		
Forthgillia gardenii	24	BB
Rosa 'Wendeline'	24	BB
Sp	#3	
Spiraea japonica 'Little Princess'	25	

BUFFER YARD C - WOLF ROAD - 1.138 L.F. @ 20" WIDE		TOTAL PROVIDED	
PLANTING REQUIREMENT PER 100 L.F. =	TOTAL REQUIRED		
4 CANOPY TREES	42(9)	62(16)	
1.6 UNDERSTORY TREES	18	10	
16 SHRUBS	182(65)	187(61)	
() NUMBER OF EVERGREEN VARIETIES INCLUDED IN TOTAL			

BUFFER YARD C - 155TH STREET = 520 L.F. @ 20" WIDE		TOTAL PROVIDED	
PLANTING REQUIREMENT PER 100 L.F. =	TOTAL REQUIRED		
4 CANOPY TREES	21(6)	24(9)	
1.6 UNDERSTORY TREES	8		
16 SHRUBS	83(28)	97(37)	
() NUMBER OF EVERGREEN VARIETIES INCLUDED IN TOTAL			

	Size	Quantity
SHADE TREES		
CA Catalpa speciosa	2.5' BB	22
ACC ACC nuxvomif 'Frankford'	8' CF	24
OMALMA OMALMA virginiana		
HA Hamamelis virginiana	6' BB	10
EVERGREEN TREES		
PI Picea abies		
EVERGREEN TREES		
TH Thuja occidentalis 'Sea Green'	30'/HS	32
TH Thuja occidentalis 'Woodward'	30'/HS	29
DECIDUOUS SHRUBS		
CA Canacis verticillata 'Rallye'	5.5'/HS	36
CA Canacis verticillata 'Rallye'	5.5'/HS	40
Rh Rhus copallina var. latifolia 'Morton'	2'/HS	50
BUFFER YARD 'C' (159TH STREET)		
SHADE TREES		
CA Catalpa speciosa	2.5' BB	8
CA Catalpa speciosa 'Frankford'	8' CF	8
ORNAMENTAL TREES		
HA Hamamelis virginiana	6' BB	9
EVERGREEN TREES		
NO Norway Spruce	6' BB	9
DECIDUOUS SHRUBS		
JU Juniperus chinensis 'Sea Green'	30'/HS	20
JU Juniperus chinensis 'Woodward'	30'/HS	17
TH Thuja occidentalis 'Woodward'	30'/HS	17
DECIDUOUS TREES		
CA Canacis verticillata 'Rallye'	2.5'/HS	21
CA Canacis verticillata 'Rallye'	2.5'/HS	13
Rh Rhus copallina var. latifolia 'Morton'	2'/HS	20

NOTE: SEE SHEET 5 FOR BUFFER YARD PLANTING DETAILS