



**TREE REPLACEMENT CALCULATION**

EXISTING TREE INVENTORY:	COMMON NAME	CONDITION	DBH
510 X	Shagbark Hickory	GOOD	8
511 X	Bur Oak	POOR	4
512 X	Black Willow	POOR	8,4
513 X	Salix nigra	GOOD	36
514 X	Quercus macrocarpa	GOOD	36
515 X	Bur Oak	GOOD	5

REPLACEMENT TREE	REQUIRED NO. OF	QUANTITY
510	10 - 2.5" BB	11
511	4 - 2.5" BB	9
512	6 - 2.5" BB	9
513	20 - 7.0" TOTAL REPLACEMENT TREES	9

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

**PLANT LIST**

PLANT	Size	Quantity	PERCENT
Red Sunset Red Maple	2.5" BB	43	24.3%
Shademaster Honeylocust	2.5" BB	52	27.5%
Red Oak	2.5" BB	52	27.5%
Redmond American Linden	2.5" BB	47	24.9%

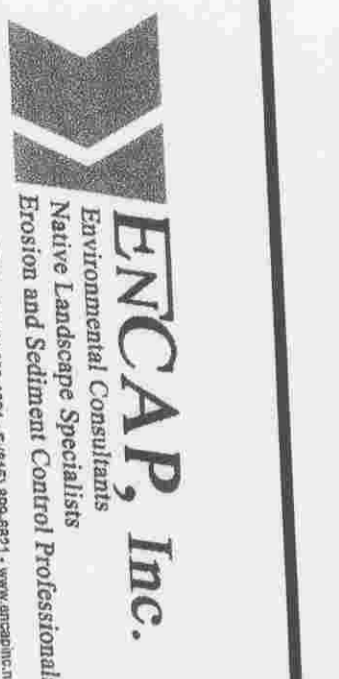
QUERK PLANT LIST	Size	Quantity
Acacia saligna	2.5" BB	1
Betula nigra	8" CF	11
Quercus macrocarpa	2.5" BB	2
Salix nigra	2.5" BB	7
Thuja occidentalis	2.5" BB	43
Yucca filamentosa	2.5" BB	7
Zelkova serrata	2.5" BB	25

BUFFER YARD 'C' - WOLF ROAD - 1138 L.F. @ 20' WIDE:	TOTAL REQUIRED	TOTAL PROVIDED
PLANTING REQUIREMENT PER 100 L.F. =	46(14)	62(16)
4 CANOPY TREES	18	18(20)
16 SHRUBS	182(59)	187(61)

BUFFER YARD 'C' (155TH STREET)	Size	Quantity
Northern Catalpa	2" BB	8
Red Sunset Red Maple	6" BB	9
Common Witchhazel	6" BB	9
Norway Spruce	30" H/S	32
Sea Green Juniper	30" H/S	29
Woodward Globe Arborvitae	2.5" H/S	36
Sweet Shrub	2.5" H/S	40
Balloo Red Cedar Dogwood	2" H/S	50

SHADE TREES	COMMON NAME	SIZE	QUANTITY
CA	Catalpa bignonioides	2" BB	8
CA	Red Sunset Red Maple	6" BB	9
CA	Common Witchhazel	6" BB	9
NA	Norway Spruce	30" H/S	32
NA	Sea Green Juniper	30" H/S	29
NA	Woodward Globe Arborvitae	2.5" H/S	36
NA	Sweet Shrub	2.5" H/S	40
NA	Balloo Red Cedar Dogwood	2" H/S	50



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DATE	REVISIONS	BY

**FINAL LANDSCAPE IMPROVEMENT PLAN**  
**DOCTOR EAST - ORLAND PARK, IL**  
**GALLAGHER & HENRY**

PROJECT NO.	T/M
716-040	4 OF 6