

EXISTING TREES TO REMAIN (Tree Inventory)					
DBH		QTY. TOTAL INCHES			
6"	12	72			
7"	9	63			
8"	6	48			
13"	1	13			
15"	15	15			
18"	18	18			
29"	29	29			
258 Inches					

1.2 - SUMMER RED RED MAPLE  
@ 25 O.C. W/ 10" MULCH RING BELOW  
RECOMPENSE TREES

152 - COMBINATION OF EVERGREEN GREENLEAF, 'BRODIE', 'LITTLE GEM AND FOREST FANSY'  
REBUILT AS DOUBLE ROW BUFFER ALONG PROPERTY LINE AS SHOWN  
FIELD LOCATE PRIOR TO PLANTING

**CONCORD ROAD 70' R/W**

**DRIVE 50' R/W**

REPLACEMENT INCHES CALCULATIONS:						
Total Acreage = 12.12 Ac						
EDF = EDF + RDF						
MINUS ROW 2.27 AC. @ DETENTION .58 AC.						
SDF = 12.12 - 2.85 = 9.27 x 100' per Acre = 927" Required						
100 Recompense inches required (See Sht. T-1)						

ROAD FRONTAGE CALCULATIONS:						
Total Road Frontage Concord Rd. = 413'						
413' / 35 (1 Tree per 35') = 11.8 Trees Required						
(12) Trees Provided						
Total Road Frontage Highview = 215'						
215' / 35 (1 Tree per 35') = 6.4 Trees Required						
(7) Trees Provided (Understory due to OHP)						

EDF = 258 Inches to remain on site  
RDF = 775 Total Inches Provided  
(See Sht. T-1)

SDF = 1033 Inches (Includes 4" Recompense Trees)  
Therefore: Density Satisfied

PLANT LIST						
QTY	COMMON NAME/BOTANICAL NAME	MIN. SIZE	MIN. SPACE	INCHES	RECOMP.	% COMMENTS
38	'Forest' Holly	Ilex opaca 'Greenleaf'	3' cal. (8-10' HT)	100' C.	114	16 Full to Ground, Healthy, Good Form
38	'Forest' Redbud	Cercis canadensis 'Forest' 'Pansy'	3' cal. (standard)	150' C.	114	Straight single leader, Healthy, Good Form
38	'Little Gem' Magnolia	Magnolia grandiflora 'Little Gem'	3' cal. (8-10' HT)	150' C.	114	16 Full to Ground, Healthy, Good Form
38	'Brodie' Red Cedar	Juniperus virginiana 'Brodie'	3' cal. (8-10' HT)	120' C.	114	Full to Ground, Healthy, Good Form
9	'Sofine' Bald Cypress	Taxodium distichum 'Sofine'	3' cal.	250' C.	27	Single straight leader, Good Form, Healthy
14	Nuttall Oak	Quercus nuttallii	3' cal.	30' O.C.	42	Single straight leader, Good Form, Healthy
21	Lacebark Elm	Ulmus parvifolia	3' cal.	35' O.C.	63	Single straight leader, Good Form, Healthy
25	'Princeton' American	Ulmus americana	3' cal.	35' O.C.	75	Single straight leader, Good Form, Healthy
12	Summer Red Red	Acer rubrum	4' cal.	35' O.C.	48	Single straight leader, Good Form, Healthy
16	Nuttall Oak	Quercus nuttallii	4' cal.	35' O.C.	64	Single straight leader, Good Form, Healthy
249						
152 - COMBINATION OF EVERGREEN GREENLEAF, 'BRODIE', 'LITTLE GEM AND FOREST FANSY' REBUILT AS DOUBLE ROW BUFFER ALONG PROPERTY LINE AS SHOWN FIELD LOCATE PRIOR TO PLANTING						
ALL TREES MUST BE PLANTED AT LEAST 10 FEET FROM ANY UTILITY LINE.						

RECOMPENSE CALCULATIONS:  
100" Maximum Recompense Requirement for this site

1. All trees to be field located for sight distance and other issues.

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LANDSCAPE ARCHITECTS  
CERTIFIED ARBORISTS



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