

# LANDSCAPE NOTES:

- ALL TREE MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS AS DESCRIBED IN THE MOST RECENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1, AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- ALL SHRUB MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS AS DESCRIBED IN THE MOST RECENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1, AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. SHRUB MATERIALS SHALL BE WELL-ROOTED AND A MINIMUM OF 3-GALLON CONTAINER SIZE.
- THE PLANTING OF TREES AND SHRUBS SHALL BE DONE IN ACCORDANCE WITH THE STANDARDIZED LANDSCAPE SPECIFICATIONS JOINTLY ADOPTED BY THE VA NURSERYMEN'S ASSOCIATION, THE VA SOCIETY OF LANDSCAPE DESIGNERS AND THE VA CHAPTER OF THE ASLA.
- AT THE TIME OF DELIVERY, ALL PLANT MATERIALS NOT IMMEDIATELY PLACED IN THEIR FINAL PLANTING LOCATION MUST BE STORED IN A SHADED LOCATION WITH ADEQUATE AIR CIRCULATION, AND BE KEPT MOIST.
- THIS PLAN IS TO SATISFY THE MINIMUM REQUIREMENTS OF THE CITY OF ROANOKE ZONING ORDINANCE. THE DEVELOPER MAY INCREASE PLANTING DENSITY BEYOND THE MINIMUM REQUIREMENTS.

# LANDSCAPE MATERIALS

SYMBOL & KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONTAINER	QUANTITY	CANOPY	TOTAL CANOPY
<b>TREES</b>							
AR	Acer rubrum 'Brandywine'	'BRANDYWINE' RED MAPLE	2" CAL.	B&B	9	314	2,826
AS	Acer saccharum 'Bonfire'	'BONFIRE' SUGAR MAPLE	2" CAL.	B&B	8	314	2,512
BN	Betula nigra 'Heritage'	'HERITAGE' RIVER BIRCH	10' CLUMP	B&B	9	254	2,286
LN	Lagerstroemia x 'Natchez'	'NATCHEZ' CRAPENMYRTLE	5' MIN.	B&B	11	113	1,243
QP	Quercus phellos	WILLOW OAK	2" CAL.	B&B	6	254	1,524
UP	Ulmus parvifolia 'Allee'	'ALLEE' LACEBARK ELM	2" CAL.	B&B	10	254	2,540
<b>SHRUBS</b>							
AM	Aronia melanocarpa var. elata	GLOSSY BLACK CHOKEBERRY	18" MIN.	#3 MIN.	84	-	-
IG	Ilex glabra 'Nigra'	'NIGRA' INK BERRY	18" MIN.	#3 MIN.	180	-	-
						<b>TOTAL CANOPY</b>	<b>12,931</b>

# LANDSCAPING REQUIREMENTS

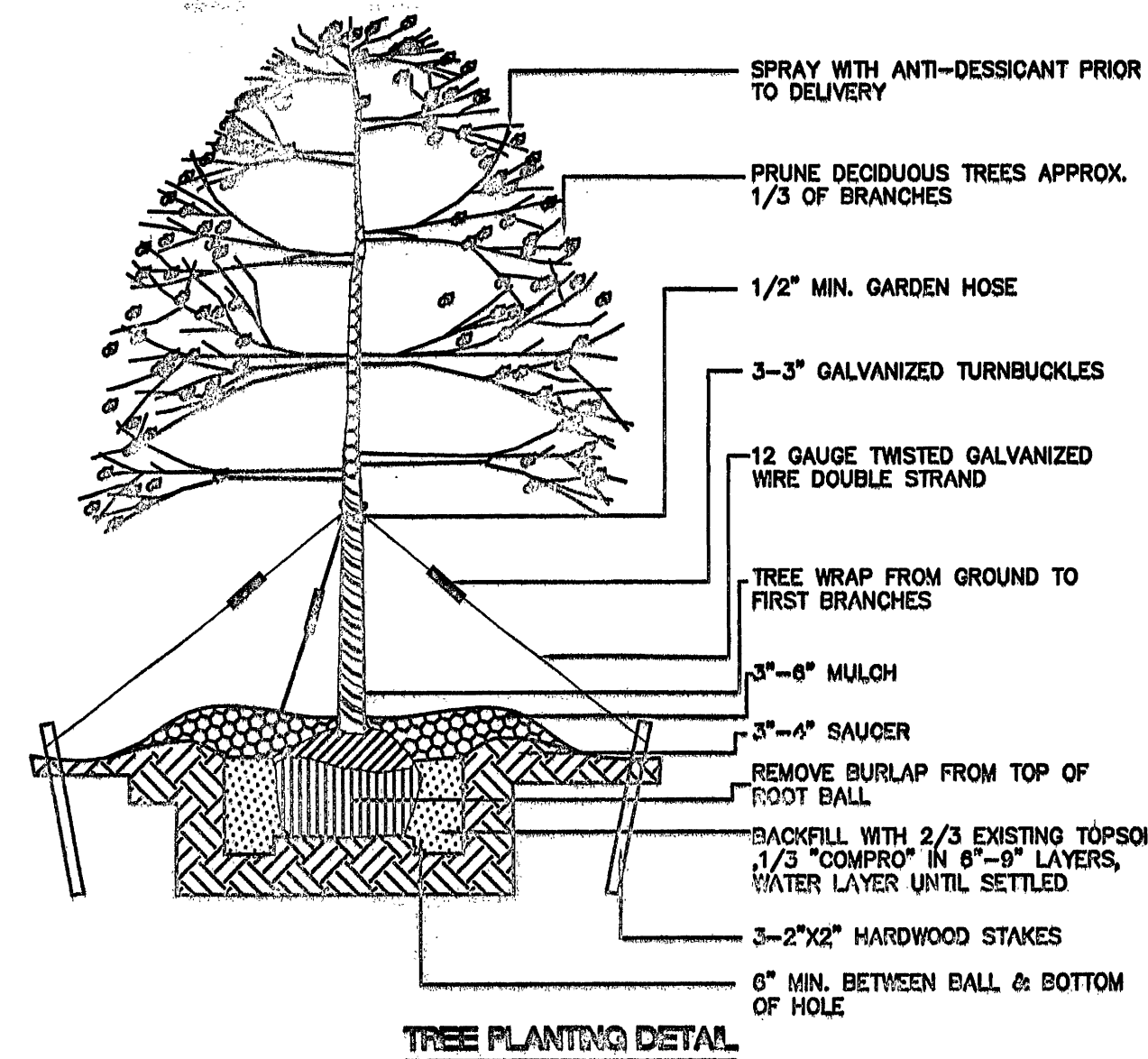
SITE AREA: 6,314 AC.  
PROJECT AREA: 3.2 AC.  
PROJECT AREA CANOPY COVERAGE REQUIRED (10%): 13,939 SF

CANOPY CREDIT FOR EXISTING TREE WITHIN PROJECT AREA TO BE PRESERVED:  
(1) 38" CAL. ELK: 254 x 4 CREDIT = 1,016 SF  
TOTAL PRESERVATION CANOPY CREDIT: 1,016 SF

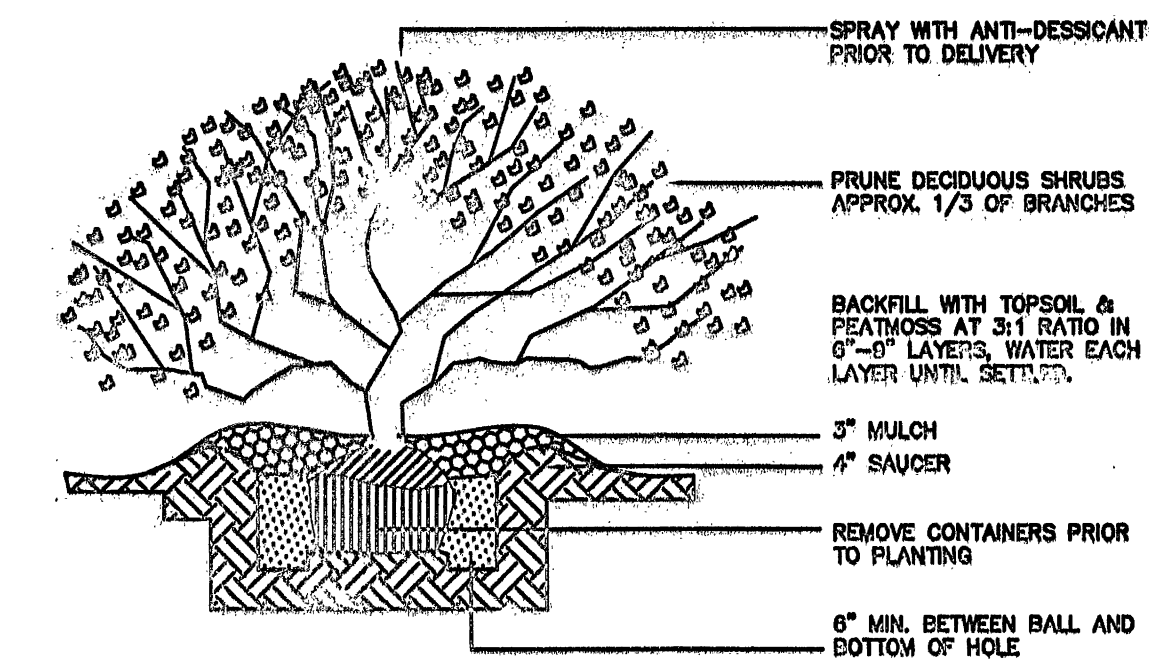
SITE CANOPY COVERAGE PROVIDED: 13,947 SF (10.01%)

APPLICABLE PARKING LOT PERIMETER PLANTING FRONTAGE: 672 LF  
MIN. PERIMETER TREES REQUIRED: 1 SMALL TREE PER 30 LF  
OR 1 LARGE TREE PER 40 LF  
672 ÷ 40 = 16.8 = 17 LARGE TREES REQUIRED  
PERIMETER TREES PROVIDED: 17 NEW LARGE TREES & 1 EXISTING LARGE TREE  
MINIMUM SHRUBS REQUIRED: 1 PER 3 LF  
672 ÷ 3 = 224 SHRUBS REQUIRED  
SHRUBS PROVIDED: 224

APPLICABLE PARKING LOT AREA: 57,081 SF  
REQUIRED PARKING LOT CANOPY (20%): 11,412 SF  
FRONTAGE CANOPY APPLIED: 4,310 SF  
MINIMUM 50% INTERIOR REMAINING CANOPY: (11,412 SF - 4,310 SF) x 0.5 = 3,547 SF  
INTERIOR PARKING CANOPY PROVIDED: 6,552 SF (5,536 NEW + 1,016 EXISTING WITH PRESERVATION CREDIT)  
PARKING LOT CANOPY PROVIDED: 11,435 SF (20.01%)



TREE PLANTING DETAIL



SHRUB PLANTING DETAIL

