

LANDSCAPE CALCULATION

PARKING AREAS AND VEHICULAR USE AREAS:
 REQUIRED:
 1 UPPER-STORY TREE FOR EVERY 7 PARKING SPACES
 34 PARKING SPACES PROVIDED
 # OF TREES REQUIRED = 5
 # OF TREES PROVIDED = 5

STREETSCAPE (CARPENTER HILL LANE) - LDO 7.2.4
 REQUIRED:
 15 STREETSCAPE BUFFER
 LF OF STREETSCAPE = 496.24
 # OF UPPER-STORY TREES REQUIRED = 3 UPPER-STORY TREES PER 100 LF = 14.3
 # OF UPPER-STORY TREES PROVIDED = 9
 # OF UPPER-STORY TREES MISSING = 6

FOUNDATION PLANTING - LDO 7.2.6.C
 REQUIRED:
 50% OF WALL LF
 NORTH WALL = 80 LF
 REQUIRED - 80 LF * 50% = 40 LF
 PROVIDED = 60 LF
 EAST WALL = 91 LF
 REQUIRED - 91 LF * 50% = 45.5 LF
 PROVIDED = 64 LF
 SOUTH WALL = 80 LF
 REQUIRED - 80 LF * 50% = 40 LF
 PROVIDED = 48 LF
 WEST WALL = 91 LF
 REQUIRED - 91 LF * 50% = 45.5 LF
 PROVIDED = 91 LF

PERIMETER PLANTING - LDO 7.2.3
 PROPERTY LINE LENGTH = 640.25
 REQUIRED: 3 UPPER-STORY TREES PER 100 LF (640.25 LF) = 20
 PROVIDED: EXISTING VEGETATION
 REQUIRED: 5 LOWER-STORY TREES PER 100 LF (640.25 LF) = 33
 PROVIDED: EXISTING VEGETATION

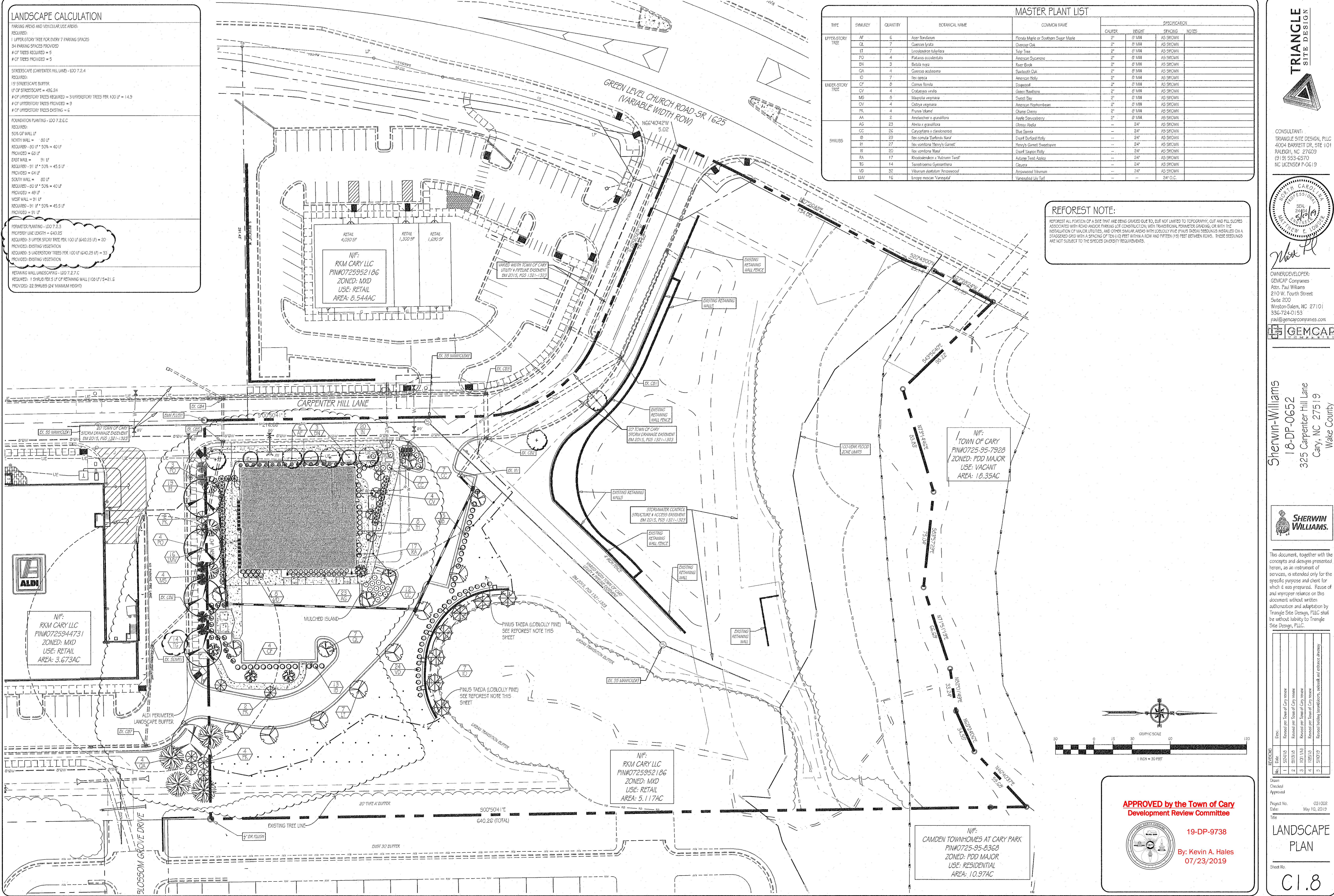
RETAINING WALL LANDSCAPING - LDO 7.2.7.C
 REQUIRED: 1 SHRUB PER 5 LF OF RETAINING WALL (100 LF / 5 = 20)
 PROVIDED: 22 SHRUBS (24" MINIMUM HEIGHT)

MASTER PLANT LIST

TYPE	SYM/KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATION			
					CALIPTR	HEIGHT	SPACING	NOTES
UPPER-STORY TREE	AF	6	Acer floridanum	Florida Maple or Southern Sugar Maple	2"	8' MIN	AS SHOWN	
	QL	7	Quercus lyrata	Overcup Oak	2"	8' MIN	AS SHOWN	
	IT	7	Liriodendron tulipifera	Tulip Tree	2"	8' MIN	AS SHOWN	
	PO	4	Platanus occidentalis	American Sycamore	2"	8' MIN	AS SHOWN	
	BN	3	Betula nana	River Birch	2"	8' MIN	AS SHOWN	
	QA	4	Quercus acutissima	Sawtooth Oak	2"	8' MIN	AS SHOWN	
	IO	7	Ilex opaca	American Holly	2"	8' MIN	AS SHOWN	
LOWER-STORY TREE	CF	8	Cornus florida	Dogwood	2"	8' MIN	AS SHOWN	
	CV	4	Crataegus viridis	Green Hawthorn	2"	8' MIN	AS SHOWN	
	MG	8	Magnolia virginiana	Sweet Bay	2"	8' MIN	AS SHOWN	
	OY	4	Ostrya virginiana	American Hopblossom	2"	8' MIN	AS SHOWN	
	PK	4	Prunus virginiana	Okame Cherry	2"	8' MIN	AS SHOWN	
	AA	2	Ametanther x grandiflora	Apple Serviceberry	2"	8' MIN	AS SHOWN	
	AS	23	Abutilon x grandiflora	Clooney Abelia	--	24"	AS SHOWN	
SHRUBS	CC	56	Caryophylla x clandonensis	Blue Star	--	24"	AS SHOWN	
	IB	29	Ilex carya 'Barford's Nana'	Dwarf Barford Holly	--	24"	AS SHOWN	
	IT	27	Ilex vomitoria 'Henry's Garnet'	Henry's Garnet Sweetgum	--	24"	AS SHOWN	
	IN	20	Ilex vomitoria 'Nana'	Dwarf Yarrow Holly	--	24"	AS SHOWN	
	FA	17	Rhododendron x 'Autumn Tassel'	Autumn Tassel Azalea	--	24"	AS SHOWN	
	TG	14	Ternstroemia Gymnanthera	Claytonia	--	24"	AS SHOWN	
	VD	32	Viburnum dentatum 'Arrowwood'	Arrowwood Viburnum	--	24"	AS SHOWN	
	LAV	16	Liriodendron tulipifera	Vanessata Lily Tree	--	24" O.C.		

REFOREST NOTE:

REFOREST ALL PORTION OF A SITE THAT ARE BEING GRADED DUE TO, BUT NOT LIMITED TO TOPOGRAPHY, CUT AND FILL SLOPES ASSOCIATED WITH ROAD AND/OR PARKING LOT CONSTRUCTION; WITH TRANSITIONAL PERIMETER GRADING; OR WITH THE INSTALLATION OF MAJOR UTILITIES, AND OTHER SIMILAR AREAS WITH LOSS OF LIFE PINUS TAEDA SEEDLINGS INSTALLED ON A STAGGERED GRID WITH A SPACING OF TEN (10) FEET WITHIN A ROW AND FIFTEEN (15) FEET BETWEEN ROWS. THESE SEEDLINGS ARE NOT SUBJECT TO THE SPECIES DIVERSITY REQUIREMENTS.



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REV	DATE	DESCRIPTION
1	5/29/19	Revised per Town of Cary review
2	6/13/19	Revised per Town of Cary review
3	10/11/19	Revised per Town of Cary review
4	12/20/19	Revised per Town of Cary review
5	5/10/20	Revised building setbacks, setbacks and entrance driveway

Project No. 031002
 Date: May 10, 2019

LANDSCAPE PLAN

Sheet No. C1.8

APPROVED by the Town of Cary Development Review Committee

19-DP-9738
 By: Kevin A. Hales
 07/23/2019

