

TREES	QTY	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPR.	REMARKS	
MAG VIR	6	Sweet Bay	Sweet Bay	2"	10'-12'	5-6'	Full to Ground, Match	
TBD	4	To Be Determined	To Be Determined	2"	10'		To be coordinated w/ Arborist prior to con	
<b>CHAMPION REPLACEMENT TREE</b>	<b>QTY</b>	<b>BOTANICAL NAME</b>	<b>COMMON NAME</b>	<b>CAL.</b>	<b>HT.</b>	<b>SPR.</b>	<b>REMARKS</b>	
ACE F23	6	Acer rubrum 'Frank Jr.'	Redpointe Maple	3"	14'	8'	Full, Matched	
QUE SAN	4	Quercus nuttallii Sangria TM	Nuttall Oak	3"	14'	8'	Full, Matched	
QUE VIR	1	Quercus virginiana	Live Oak	4"	16'	8'	Broad Canopy Specie	
<b>UNDERSTORY TREES</b>	<b>QTY</b>	<b>BOTANICAL NAME</b>	<b>COMMON NAME</b>	<b>CAL.</b>	<b>HT.</b>	<b>SPR.</b>	<b>REMARKS</b>	
LAG BLA	1	Lagerstroemia indica 'Black Diamond Crimson Red'	Black Diamond Crimson Red Crape Myrtle	1.5" Min.	10'	6'-8'	Full, Multistem	
MAG LIT	3	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	2"	8'-10'		Full, Matched	
<b>SHRUBS</b>	<b>QTY</b>	<b>BOTANICAL NAME</b>	<b>COMMON NAME</b>	<b>HT.</b>	<b>SPR.</b>	<b>REMARKS</b>		
CAM FLU	2	Camellia x 'Snow Flurry'	Camellia	24"-30"	18"-24"		Full	
CEP DUK	17	Cephalotaxus harringtonia 'Duke's Garden'	Duke's Garden Plum Yew	24"	15"-18"		Full	
HYD LIT	5	Hydrangea paniculata 'Little Lime' PPAF	Little Lime Hydrangea	24"	15"-18"		Full	
ILE BUR	35	Ilex cornuta 'Burfordii Nana'	Dwarf Burford Holly	24"	15"-18"		Full	
ILE HOO	4	Ilex crenata 'Hoogendorn'	Hoogendorn Japanese Holly	24"	18"		Full	
ILE STE	23	Ilex crenata 'Steads'	'Steads' Japanese Holly	24"	15"-18"		Full	
ILE SEN	7	Ilex x 'Carolina Sentinel'	Carolina Sentinel Holly	24-36"	12-18"		Full	
JAS NUD	28	Jasminum nudiflorum	Winter Jasmine	24"	15"-18"		Full	
JUN SKY	8	Juniperus virginiana 'Skysrocket'	Skysrocket Juniper	36"	12"		Full	
JUN SEA	9	Juniperus x pfitzeriana 'Sea Green'	Sea Green Juniper	24"	18"-24"		Full	
LIG SUN	21	Ligustrum sinense 'Sunshine'	Sunshine Ligustrum	24"	15"-18"		Full	
LOR CRI	16	Loropetalum chinense 'Crimson Fire'	Crimson Fire Loropetalum	24"	15"-18"		Full	
OSM GUL	2	Osmanthus heterophyllus 'Guiltide'	Guiltide Osmanthus	24"	15"-18"		Full	
PIE MOU	24	Pieris japonica 'Mountain Fire'	Mountain Fire Pieris	24"	15"-18"		Full	
RAP SNO	22	Rhaphiolepis umbellata 'Snow White'	Snow White Indian Hawthorn	24"	15"-18"		Full	
TER BR2	33	Ternstroemia gymnanthera 'Bronze Beauty'	Bronze Beauty Cleysera	24"	15"-18"		Full	
THU EME	7	Thuja occidentalis 'Smaragd'	Emerald Arborvitae	24"	18"		Full	
VIB CHI	21	Viburnum awabuki 'Chindo'	Chindo Viburnum	30"	18"-24"		Full	
VIB RAU	10	Viburnum obovatum 'Raulston Hardy'	Raulston Hardy Viburnum	24"	15"-18"		Full	
<b>GRASSES</b>	<b>QTY</b>	<b>BOTANICAL NAME</b>	<b>COMMON NAME</b>	<b>HT.</b>	<b>SPR.</b>	<b>REMARKS</b>		
MIS ADA	7	Miscanthus sinensis 'Adagio'	Adagio Dwarf Maiden Grass	1 gal			Full	
MIS MOR	2	Miscanthus sinensis 'Morning Light'	Morning Light Silver Grass	1 gal			Full	
PAN NOR	18	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 gal			Full	
PAN TRA	6	Panicum virgatum 'Thundercloud' PP# 20665	Thundercloud Switch Grass	1 gal			Full	
<b>GROUND COVER SHRUBS</b>	<b>QTY</b>	<b>BOTANICAL NAME</b>	<b>COMMON NAME</b>	<b>HT.</b>	<b>SPR.</b>	<b>REMARKS</b>		
ABE CON	23	Abelia x grandiflora 'Confetti' TM	Variegated Abelia	15"-18"			Full	
ROS POP	13	Rosa 'Novaspasp' PP#24773 CPBRA	Popcorn Drift Rose	18"-24"	12-15"		Full	
<b>GROUND COVERS</b>	<b>QTY</b>	<b>BOTANICAL NAME</b>	<b>COMMON NAME</b>	<b>CONT.</b>	<b>HT.</b>	<b>SPR.</b>	<b>SPACING</b>	<b>REMARKS</b>
LIR GIA	111	Liriope muscari 'Evergreen Giant'	Evergreen Giant Border Grass	1 gal	8-10"	6-8"	20' o.c.	Full

**PLANT SCHEDULE BMP**

CHAMPION REPLACEMENT TREE	QTY	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPR.	REMARKS
TAX DIS	8	Toxodium distichum	Bald Cypress	3"	12-14'	6-7'	Full, Matched
<b>SHRUBS</b>	<b>QTY</b>	<b>BOTANICAL NAME</b>	<b>COMMON NAME</b>	<b>HT.</b>	<b>SPR.</b>	<b>REMARKS</b>	
CAL CAR	13	Calycanthus floridus 'Carolina'	Carolina Allspice	24"	15"-18"		Full
CLE RUB	17	Clethra alnifolia 'Ruby Spice'	Ruby Spice Clethra	24"	18"		Full
ILE SHA	6	Ilex glabra 'Shamrock Inkberry'	Shamrock Inkberry	24"	15"-18"		Full
ITE VIR	17	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	24"	15"-18"		Full
VIB DEN	19	Viburnum dentatum 'Arrowwood'	Arrowwood Viburnum	24"	15"-18"		Full
<b>GRASSES</b>	<b>QTY</b>	<b>BOTANICAL NAME</b>	<b>COMMON NAME</b>	<b>HT.</b>	<b>SPR.</b>	<b>REMARKS</b>	
CAL KAR	10	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	1 gal			Full
EUP JO2	11	Eupatorium fistulosum	Joe Pye Weed	1 gal			Full
PAN NOR	15	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 gal			Full

**Landscape Schedule 02**

**CHAMPION TREE REPLACEMENT LDO 7.2.5(D)**

NOTE:  
 1. BARTLETT TREE EXPERTS HAS PREPARED A CHAMPION TREE ASSESSMENT AT EAST CHATHAM STREET AND URBAN DRIVE. THEIR OVERALL DETERMINATION WAS THAT THERE ARE TWO CHAMPION TREES ON SITE: 1 - 35.5" DBH WILLOW OAK AND 1 - 33" DBH WILLOW OAK. THIS PLAN PROPOSES TO REMOVE BOTH OF THESE CHAMPION TREES.  
 2. PER LDO SECTION 7.2.5 (E)(2) - WHEN REMOVING CHAMPION TREES FOR A SITE WITHIN THE TOWN CENTER DISTRICT, THE TOTAL CALIPER INCHES FOR REPLACEMENT TREES MAY BE LESS THAN THE DBH OF THE TREE IF IT IS NOT PRACTICAL TO REPLANT THE REQUIRED NUMBER OF TREES. THIS PLAN PROPOSES TO REPLACE LESS CALIPER INCHES DUE TO A LACK OF ROOM TO PLAN REPLACEMENT TREES WITHIN THE PROPERTY.

CHAMPION TREES TO BE REMOVED: 35.5" DBH WILLOW OAK  
 33" DBH WILLOW OAK

TOTAL CALIPER INCHES TO BE REPLACED: 68.5 CAL IN  
 REPLACEMENT CAL IN PROPOSED: 50 CAL IN (19 TREES)  
 REQUIRED PARKING LOT TREES WITHIN SITE: 4 TREES X (1 CAL IN / TREE ABOVE MIN 2' CAL) = 4.0  
 TREES ALONG WESTERN PL: 6 TREES X (3 CAL IN / TREE) = 18.0  
 TREES WITHIN BIORETENTION AREA: 8 TREES X (3 CAL IN / TREE) = 24.0  
 LARGE SPECIMEN TREES: 1 TREES X (4 CAL IN / TREE) = 4.0

**PARKING LOT LANDSCAPING LDO 7.2.6**

PARKING TREES REQUIRED:  
 • TREES NO CLOSER THAN 5' TO PAVEMENT  
 • TREES 10' MAX FROM BOC  
 • TREES MIN 2" CAL AT INSTALL  
 • ALL SPACES WITHIN 70' OF TREE TRUNK  
 • PLANTING ISLANDS MIN 300 SF  
 • 1 UPPER-STORY TREE / 7 PARKING SPACES = 4 UPPER-STORY TREES REQUIRED  
 31 SPACES X (1 TREE / 7 SPACES) = 4 TREES  
 PARKING TREES PROPOSED: 4 UPPER-STORY TREES PROPOSED

PARKING SHRUBS REQUIRED:  
 • ALLOW FOR 2.5' BUMPER OVERHANG  
 • SHRUBS GREATLY ENCOURAGED  
 • 24" MIN HT AT INSTALL  
 PARKING SHRUBS PROPOSED: SHRUBS PROPOSED

SCREENING REQUIRED:  
 • CONTINUOUS OPAQUE SCREEN 36" MIN HT WITHIN 3 YEARS  
 • VUA AND LOADING AREAS TO BE SCREENED FROM ROW AND ADJACENT PROPERTY  
 SCREENING PROPOSED: SHRUBS PROPOSED

**SCREENING LDO 7.2.8**

• BMPs TO BE SCREENED  
 • MECHANICAL AND UTILITY EQUIPMENT SHALL BE SCREENED  
 • TRASH CONTAINMENT AREAS SHALL BE SCREENED

**COMMUNITY APPEARANCE MANUAL: DETAIL LA-16 (BMP PLANTINGS)**

• 3.220 SF X (1 TREE/435 SF) = 8 TREES REQUIRED  
 • 3.220 SF X (1 SHRUB/30 SF) = 108 SHRUBS REQUIRED

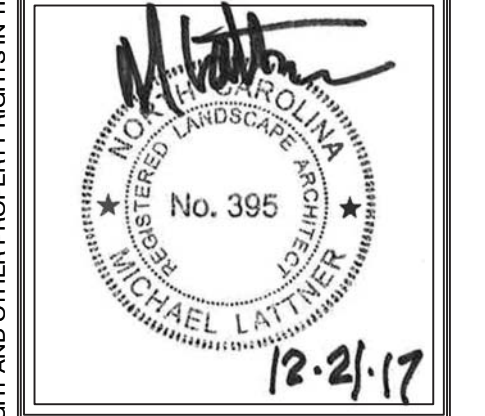
**APPROVED by the Town of Cary Development Review Committee**

17-DP-1253  
 By: dlovelan  
 01/09/2018

**CLINE DESIGN**  
 125 N. Harrington St.  
 Raleigh, NC 27603  
 919/833-6413  
 919/836-1280 FAX  
 ClineDesignAssoc.com

Chatham Street Commercial  
**Chatham Walk**  
 318 East Chatham Street  
 Cary, North Carolina

17-DP-1253

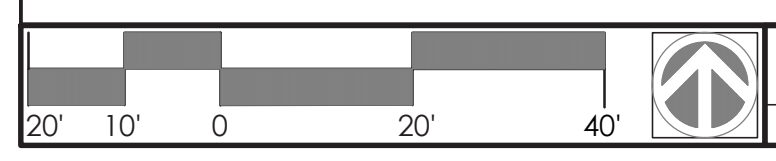


PROJECT: 016019  
 DATE: 05.11.2017

REVISIONS:	DATE
RESUBMITTAL	07.13.2017
RESUBMITTAL	09.14.2017
RESUBMITTAL	12.07.2017
RESUBMITTAL	12.21.2017

DRAWN BY: SP  
 CHECKED BY: ML/EWB  
 Landscape Plan

**LP1.00**



**Landscape Plan 03**  
 Scale: 1" = 20'

**Landscape Calculations 01**

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