



Legend

Common Name	Qty	Size
Flower, Grass		
Miscanthus 'Aagio'	20	3 Gal. 4.5' oc
Flower, Perennial		
Liriope, Emerald Goddess	29	1 Gal. 2.5' oc
Shrub, Deciduous		
Rose, Drift, Red	19	3 Gal. 4.5' oc
Shrub, Evergreen Broadleaf		
Boxwood, Wintergreen	12	3 Gal. 4.5' oc
Holly, Needlepoint, Low Buffer	27	7 Gal., 36" Ht. 4.5' oc
Holly, Yaupon, Dwarf	10	3 Gal. 4.5' oc
Waxmyrtle	102	7 Gal. 5' oc
Yew, Podocarpus	8	3 Gal. 4.5' oc
Tree, Deciduous		
European Hornbeams	3	2" Cal. 4.5' oc
River Birch	7	2" Cal. 4.5' oc
Allee Elm	3	2" Cal. 4.5' oc
Tree, Evergreen		
Cypress, Bald	2	2" Cal. 4.5' oc

SITE DATA

PARCEL NUMBER:	R06116-001-004-000
NEW SITE AREA:	41,828.29 SF / 0.96 AC
ZONING:	CB
DISTURBED AREA:	42,003 SF / 0.96 AC X 15 Trees = 14 Trees 2" Cal Req'd & Prov'd
BUILDING CONSTRUCTION TYPE:	2B
BUILDING USE:	RETAIL
BUILDING HEIGHT:	18' - 1 ST-RY - 7,500 SF
BUILDING LOT COVERAGE:	18%
WATER/SEWER DEMAND:	200 GALLONS PER DAY
BUILDING SETBACKS:	
FRONT:	20'
SIDE:	20' - ADJACENT TO RESIDENTIAL
SIDE:	0' - NOT ADJACENT TO RESIDENTIAL
REAR:	25' - ADJACENT TO RESIDENTIAL
BUFFER:	20' - ADJACENT TO RESIDENTIAL
EXISTING IMPERVIOUS:	5,275 SF
EXISTING IMPERVIOUS TO BE REMOVED:	5,275 SF
EXISTING IMPERVIOUS TO REMAIN:	0 SF
PROPOSED IMPERVIOUS AREA:	
BUILDING:	7,500 SF
DRIVE ISLE / PARKING:	13,345 SF
WALKS / CONCRETE:	3,620 SF
TOTAL IMPERVIOUS AREA: PROPOSED	24,465 SF / 0.56 AC
% IMPERVIOUS:	59.0%
PROPOSED OFFSITE IMPERVIOUS AREA:	
ASPHALT:	250 SF
WALKS / CONCRETE:	130 SF
PARKING REQUIREMENTS:	
MINIMUM: 1 PER 400 SF	18.75 SPACES
MAXIMUM: 1 PER 200 SF	37.5 SPACES
PARKING PROVIDED:	
SPACES PROVIDED:	17 SPACES
HANDICAP SPACES PROVIDED:	2 SPACES (1 REQUIRED)
TOTAL SPACES PROV'D =	19 SPACES
STREETYARD:	
MULTIPLIER:	18
REQUIRED:	(240.54'-37') 18=3,663.72 SF
PROVIDED:	3,729 SF
STREETYARD IMPERVIOUS:	15% MAX
IMPERVIOUS:	7 SF / 1,792 SF = .004%
FUNDAMENTAL PLANTING:	
REQUIRED: (FRONT)	(18'x85') .12 = 183.6 SF
PROVIDED: (FRONT)	220 SF
REQUIRED: (SIDE)	(18'x58') .12 = 125.28 SF
PROVIDED: (SIDE)	130 SF

LANDSCAPE NOTES:

- PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
- THE AREAS WITHIN THE TRIANGULAR SIGHT DISTANCE SHALL BE MAINTAINED FREE OF ALL OBSTRUCTIONS BETWEEN 30" AND 10'.
- A RAIN/FREEZE SENSOR SHALL BE USED IF THERE IS AN IRRIGATION SENSOR.
- USING THE CREATIVE STANDARD OF THE CODE, 50% OF THE STREETYARD SHALL BE PLANTED AS CALLED OUT.
- ALL PLANT BEDS ARE TO RECEIVE 3-4" OF PINESTRAW OR MULCH.
- LANDSCAPING SHALL BE COMPLETE BEFORE ISSUANCE OF A CO.

Streetyard LS Requirements
 Streetyard Prov'd = 3,729 SF / 600 = 6.2
 6 Canopy Trees (2" Cal.) & 37 Shrubs (12" Ht.) Req'd.

Parking Lot Shading LS Requirements
 13,345 SF x 20% = 2,669 SF Shading Req'd
 353 x 5 = 1,765 SF
 707 x 2 = 1,414 SF
 TOTAL SHADING PROV'D = 3,179 SF

20'w Bufferyard Requirements: LS Requirements
 367lf of 20'w buffer/ 1 tree/30lf =
 12 Canopy Trees Req'd.
 7 new trees and 6 existing Prov'd.
 2 Rows of 3'ht. plants prov'd. which will provide 50% opacity at planting w/ the opaque fence

Trees To Be Mitigated	Mitigation %	Mitigation Total
24" Live Oak	100	
24" Total		24"
21" Hickory	75	
26" Decid Cedar		
47" Total		35"
Mitigation all Trees with Percentages		Total : 71"

TREES TO BE REMOVED TO BE MITIGATED AT (71" x 2 = 142/3 = 47 TREES 2" CALIPER TO BE MITIGATED, 47 PAYMENT IN LIEU.

OWNER:
 PAR 5 DEVELOPMENT, LLC
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Jennifer L. & Michael J. Connolly
 Lot 25 Wood Acres
 Deed Book 3619, Page 1968
 Map Book 5, Page 123
 Zoning R-15 Residential

James C. & Donna C. Johnson
 Lot 24 Wood Acres
 Deed Book 4026, Page 893
 Map Book 5, Page 123
 Zoning R-15 Residential

WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit # _____
 Signed: _____

Approved Construction Plan

Name	Date
Planning _____	
Traffic _____	
Fire _____	

FREEMAN LANDSCAPE, INC.
 Landscape Installation Professionals
 jim@freemanlandscape.com 910-796-1166

Revision #: 4
 Date: 10/30/2018

Scale:
 1" = 20'

Landscape Plan:
Dollar General - Pine Grove Rd.

Landscape Design by: James Freeman - NCLC# 71
Freeman Landscape, Inc.