LOCATION MAP

LANDSCAPE CALCULATIONS

STREET YARD LANDSCAPING - PRIMARY (KINGS GRANT ROAD) *** NHC ZONING SEC. 62.1-10(2)(A)

NOT TO SCALE

(1 CANOPY/SHADE TREE OR 3 UNDERSTORY TREES AND 6 SHRUBS PER EVERY 600 SF OF STREET YARD) 937 FT OF TOTAL STREET FRONTAGE, 937 - 50 (LESS DRIVEWAY WIDTH) = 887, 887 X 12 = 10,644 SF OF STREETYARD 10,644/600 = 18 TREES & 108 SHRUBS

STREET YARD LANDSCAPING - SECONDARY (W RYE LANE) *** NHC ZONING SEC. 62.1-10(2)(A)

(1 CANOPY/SHADE TREE OR 3 UNDERSTORY TREES AND 6 SHRUBS PER EVERY 1200 SF OF STREET YARD) 601 FT OF TOTAL STREET FRONTAGE, 601 X 12 = 7,212 SF OF STREETYARD

7,212/1200 = 6 TREES & 36 SHRUBS

**SHOD NOTE: THE PROPOSED DEVELOPMENT FALLS WITHIN A SHOD (SPECIAL HIGHWAY OVERLAY DISTRICT) OF WHICH IT IS SUBJECT TO REQUIREMENTS OF NHC ZONING SEC. 55.4—3 (1) — A MINIMUM OF ONE TREE EVERY 40 FT OF ROAD FRONTAGE. 534.3 FT OF TOTAL ROAD FRONTAGE, (534.3/40) = 13.35 OR 14 TREES REQ'D.

PROVIDED - <u>14</u> TREES,

PARKING LOT PERIMETER LANDSCAPING *** NHC ZONING SEC. 62.1-5(2)(A)

REQ'D - A 10 FT LANDSCAPED STRIP ALONG R/W FACING SIDE OF PROPOSED PARKING LOT.

(1 TREE EVERY 18 – 27 FT; SHRUBS TO IMPEDE VEHICLE HEADLIGHTS)

PROVIDED - 16 TREES & 44 SHRUBS TO BE PLANTED TO MEET REQUIREMENTS.

PARKING LOT INTERIOR LANDSCAPING *** NHC ZONING SEC. 62.1-5(2)(B)

REQ'D - LANDSCAPED ISLANDS; 144 SF w/ 1 TREE AND GROUND COVER. ISLANDS TO BE 8% OF TOTAL PARKING AREA. 36,516 SF PARKING * .08 = 2,921 SF REQ'D LANDSCAPED ISLANDS. 5,801 SF PROVIDED

PROVIDED - 14 TREES & 71 SHRUBS TO BE PLANTED TO MEET REQUIREMENTS.

FOUNDATION LANDSCAPING *** NHC ZONING SEC. 62.1-11

REQ'D - FOUNDATION PLANTING AREA; 1620 SF BUILDING FACE * .12 = 195 SF; 1,044 SF BUILDING FACE * .12 = 126 SF. PROVIDED - 1,191 & 589 SF FOUNDATION PLANTINGS.

BUFFERYARD LANDSCAPING *** NHC ZONING SEC. 62.1-4

REQ'D - 20 FT WIDE BUFFERYARD AT THE REAR AND SIDES OF PROPERTY.

(PLANTINGS TO ACHIEVE OPACITY) PROVIDED - PLANTINGS PROVIDED.

<u>Proposed Plant Table</u>

SHRUBS		Buxus microphylla	Wintergreen Boxwood	3 Gal.	FOUNDATION
Quantity	Symbol	Scientific Name	Common Name	Planting Size	Planting Remarks
44	\$	llex cornuta	Needlepoint Holly	7 GAL. 3' HT.	STREETYARD SHRUB
151		llex vomitoria	Dwarf Yaupon Holly	3 Gal.	PARKING LOT
11	E	Myrica cerifera	Wax Myrtle	7 Gal. 3' Ht.	Dumpster Screening
220	第	Ligustrum lucidum	Glossy privet	7 Gal. 3' Ht.	BUFFERYARD SHRUB
242		llex cornuta	Chinese Holly	3 Gal.	Streetyard/Parking
94	5 5 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Liriope muscari	Liriope	1 Gal.	Foundation

TREES	

Quantity	Symbol	Scientific Name	Common Name	Planting Size	Planting Remarks
30	(X)	Prunus caroliniana	Carolina Cherrylaurel	6–8', 15 GAL.	SHOD / PARKING
14		Acer buergeianum	Trident Maple	3" CAL.	PARKING LOT
24	Will Street	Betula nigra	River Birch	3" CAL.	STREETYARD

O.C. — "ON CENTER" CAL. — "CALIPER AT 6" ABOVE GRADE" GAL. — "GALLON CONTAINER"

GENERAL NOTES:

- 1. NEW HANOVER COUNTY PARID: R04200-004-001-000 2. PROPERTY ADDRESS: 1380 N. COLLEGE ROAD
- 3. ZONING DISTRICT: R-10 & R-15 4. DEEDBOOK 6164 PAGE 1789

37203314900K DATED 8/28/18.

- 5. AREA: 206,015 SF (4.73 AC) 6. THIS SITE IS LOCATED WITHIN ZONE "X" AND "AE ELEV. 17.9" ACCORDING TO FEMA DFIRM MAP NUMBER
- 7. BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED AND PROVIDED TO CSD ENGINEERING BY POLARIS SURVEYING, PLLC

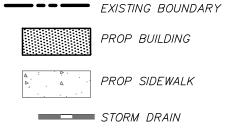
8. CFPUA WATER AND SEWER

BUILDING SETBACKS:

REQUIRED SETBACKS PROPOSED SETBACKS FRONT SETBACK: X FT FRONT SETBACK: 25 FT SIDE SETBACK: SIDE SETBACK: 10 REAR SETBACK: REAR SETBACK: 20

REQUIRED SETBACKS PROPOSED SETBACKS FRONT SETBACK: 25 FT FRONT SETBACK: X FT SIDE SETBACK: SIDE SETBACK: 5 REAR SETBACK: 20 REAR SETBACK:

LEGEND



EXISTING TREE EXISTING TREE w/ TREE PROTECTION

EXISTING TREE TO BE REMOVED

