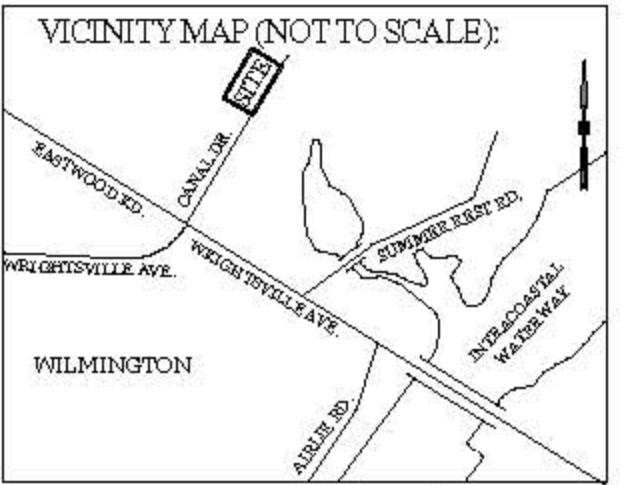


Zoning District:
O-5 / Wch Jurisdiction
Land Use:
Boat Sales & Service

Zoning District:
O-5 / Wch Jurisdiction
Land Use:
Boat Sales & Service



PROPOSED ON-SITE IMPROVEMENTS AREAS:

BUILDING ROOF	5,900 S.F.
CONCRETE SIDEWALK, C&G, ETC.	3,600 S.F.
ASPHALT DRIVES	18,955 S.F.
TOTAL	28,455 S.F. (47%)

PROPOSED OFF-SITE IMPROVEMENTS AREAS:

ASPHALT ROAD	3,313 S.F.
CONCRETE DRIVE APRONS/SIDEWALK	1,238 S.F.
TOTAL	4,551 S.F.

PARKING REQUIRED: (5,000 S.F. PROFESSIONAL OFFICE & (6) TWO BEDROOM APARTMENTS)

MIN: 2.0 Spaces/du + 1/300 sq.ft. Commercial-	29 SPACES
MAX: 2.5 Spaces/du + 1/200 sq.ft. Commercial-	41 SPACES
TOTAL	70 SPACES (± H.C.)

BICYCLE PARKING REQUIRED: (MIN 5 PER 20-100 VEHICLE SPACES)

REQUIRED:	5 SPACES
PROVIDED:	10 SPACES

FOUNDATION PLANTINGS:

BUILDING #1: 112 LF X 25' FACADE X 12"	338 S.F.
REQUIRED:	420 S.F.
PROVIDED:	400 S.F.

BUILDING #2: 140 LF X 25' FACADE X 12"

REQUIRED:	420 S.F.
PROVIDED:	395 S.F.

STREET YARD REQUIREMENT: 18' (9' MIN & 27' MAX WIDTH)

REQUIRED: 354' 9" x 4' - 299 S.F. X 18'	4,471 S.F.
PROVIDED:	5,132 S.F.

ESTIMATED TRIP GENERATION (Per Trip Generation Manual, 10th Edition):

6 RESIDENTIAL UNITS (ITS CODE 233)	AM PEAK: 2	PM PEAK: 2	DAILY: 23
5,000 SF OFFICE (ITS CODE 710)	AM PEAK: 6	PM PEAK: 6	DAILY: 51
PROJECT TOTAL	AM PEAK: 8	PM PEAK: 8	DAILY: 74

EXISTING SEWER AND WATER DEMAND: 480 GPD

PROPOSED SEWER AND WATER DEMAND: 1,740 GPD

STREET YARD: 5132 SF @ 600 #

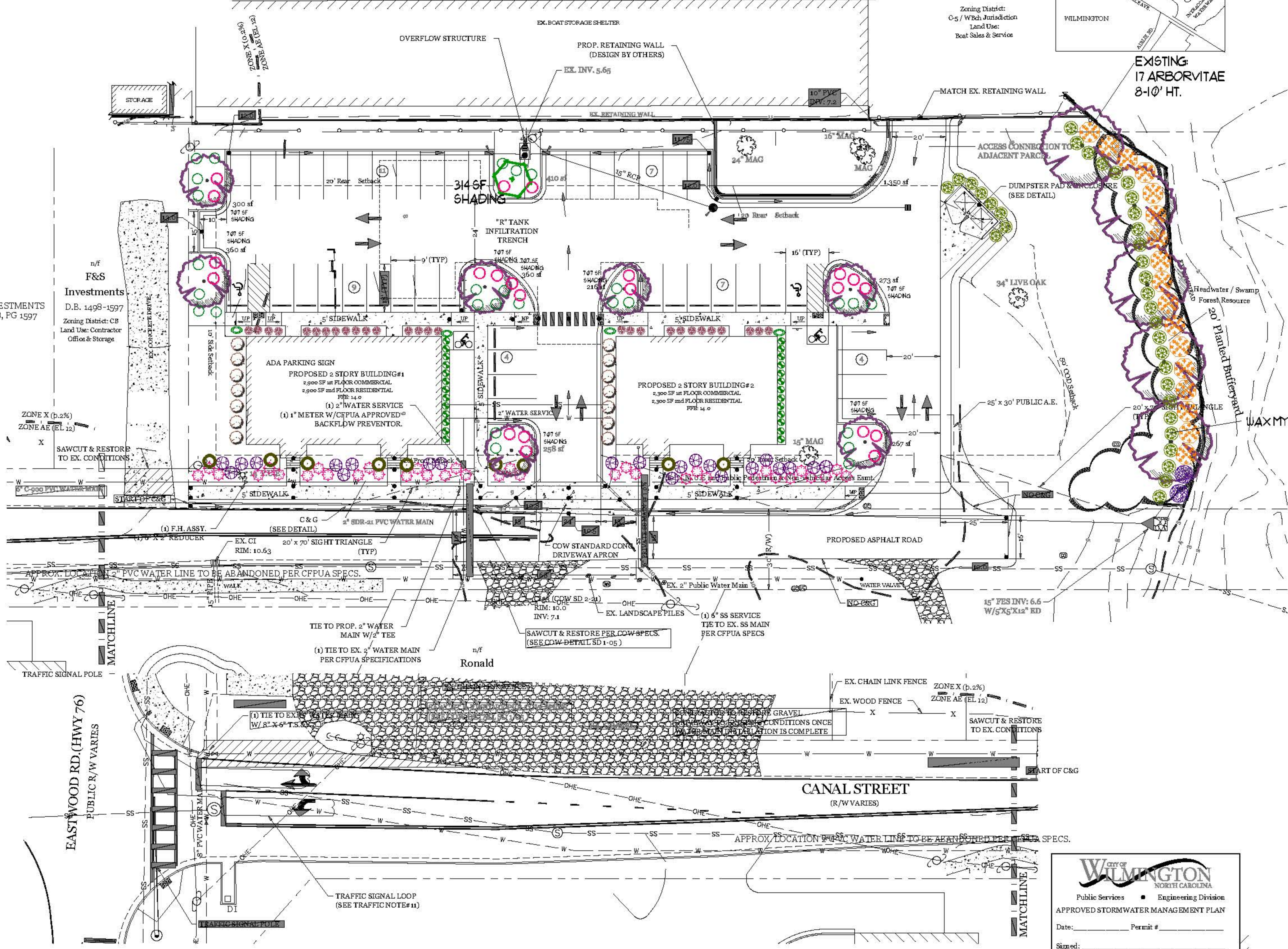
3 TREES @ 2" CAL REQ'D, 9 PROVD.

& 51 PLANT @ 12" HT, 51+ PROVD.

- LANDSCAPE NOTES:**
1. 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.
 2. THE AREAS WITHIN THE TRIANGULAR SIGHT DISTANCE SHALL BE MAINTAINED FREE OF ALL OBSTRUCTIONS BETWEEN 30' AND 10'.
 3. A RAINFREEZE SENSOR SHALL BE USED IF THERE IS AN IRRIGATION SENSOR.
 4. USING THE CREATIVE STANDARD OF THE CODE, 50% OF THE STREET YARD SHALL BE PLANTED AS CALLED OUT.
 5. ALL PLANT BEDS ARE TO RECEIVE 3" OF PINE STRAW OR MULCH.
 6. LANDSCAPING SHALL BE COMPLETE BEFORE ISSUANCE OF A CO.

Parking Lot Shading LS Requirements
 18,955 SF x 20% = 3397 SF Shading Req'd
 314 x 1 = 314 SF
 707 x 7 = 4949 SF
TOTAL SHADING PROVD = 5,263 SF

LEGEND					
COMMON NAME	QTY	QTY REQ'D	HT	SIZE/CAL PER	XERIC
SHRUBS					
HOLLY YAUPOIN DWARF	27	0	NA	3 GAL	YES NOT REQ'D.
MISCANTHUS ADAGIO	22	22	12"	3 GAL	YES
BREEZE GRASS	36	36	12"	3 GAL	YES
DRIFT ROSE	22	0	NA	3 GAL	YES NOT REQ'D.
LIGUSTRUM RECURVE	8	8	12"	3 GAL	YES
JAPANESE YEW	58	58	12"	7 GAL	YES
WINTERGREEN BOXWOOD	28	28	12"	3 GAL	YES
LIRIOPE EMERALD GODDESS	26	26	12"	1 GAL	YES NOT REQ'D.
NANDINA GULFSTREAM	14	14	12"	3 GAL	YES
ARBORVITAE GREEN GIANT	2	2	3'	7 GAL	YES
WAX MYRTLE	26	26	3'	7 GAL	YES
TREES					
TRIDENT MAPLE	12	12	NA	2" CAL	YES CANOPY UNDERSTORY
EAGLESTON HOLLY, T.F.	5	5	8'	NA	YES CANOPY UNDERSTORY
REDBUD	9	9	8'	2" CAL	YES UNDERSTORY



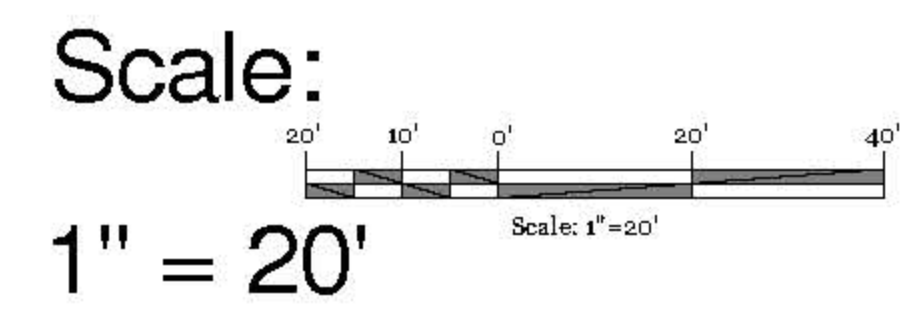
CITY OF WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit # _____
 Signed: _____

Revised Landscape Plan
 Date: 10/22/20
 # 2020031
 SWP #: 2020031
 PO, ES, BM, MB, CW



JIM@FREEMANLANDSCAPE.COM
 910-273-5757

Revision #: 2
 Date: 10/22/2020



Landscape Plan: **CANAL STREET**
Atlantic Marine

Landscape Design by: **Jim Freeman - NCLC# 0071**
Freeman Landscape, Inc.