UTILITY NOTES

1. WATER AND SANITARY SEWER SERVICES CAN BE EXTENDED TO THE SITE FROM EXISTING, ADJACENT PUBLIC MAINS
2. ALL UTILITY SERVICES, SUCH AS ELECTRIC POWER, CATV, GAS & TELEPHONE SHALL BE INSTALLED UNDERGROUND.
3. PROJECT SHALL COMPLY WITH CITY OF WILMINGTON CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND N.C.D.E.N.R. HAS ISSUED THEIR "FINAL APPROVAL". CALL 343-3910 FOR INFORMATION.
4. ALL COMMERCIAL WATER SERVICES AND ANY IRRIGATION SYSTEMS SUPPLIED BY CITY WATER SHALL HAVE A BACKFLOW PREVENTION DEVICE ACCEPTABLE TO THE CITY AND APPROVED BY USCFCCCHR OR ASSE. CALL 343-3910 FOR INFORMATION.
5. WATER & SEWER SERVICES CAN NOT BE ACTIVATED ON NEW MAINS UNTIL THE ENGINEER'S CERTIFICATION AND AS-BUILTS ARE RECEIVED AND "FINAL APPROVAL" ISSUED BY THE PUBLIC WATER SUPPLY SECTION OF NCDENR, AND "FINAL ENGINEERING CERTIFICATION" ISSUED BY DIVISION OF WATER QUALITY SECTION OF NCDENR.
6. IF CONTRACTOR DESIRES CITY WATER FOR CONSTRUCTION, HE SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
7. WHEN PVC WATER MAINS AND SERVICES ARE PROPOSED, THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED COPPER WIRE INSTALLED AND STRAPPED TO THE TO THE PIPES WITH DUCT TAPE. THE INSULATED WIRE IS TO BE STRIPPED TO BARE WIRE AND SECURED TO ALL VALVES AND FITTINGS. THIS WIRE IS TO BE ACCESSIBLE IN ALL VALVE AND METER BOXES TO AID IN FUTURE LOCATION OF FACILITIES.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OR EXISTING UTILITIES DURING CONSTRUCTION. CALL U-LOCO AT 1-800-632-4949. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES, CURB & GUTTER, PAVEMENT, ETC. THAT MAY BE BE DAMAGED DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPAIRED TO AT LEAST THE QUALITY OR WORKMANSHIP FOUND IN THE ORIGINAL ITEM.
9. SOLID WASTE DISPOSAL WILL BE CART PICKUP BY CITY OF WILMINGTON.

ESTIMATED WATER & SANITARY SEWER CAPACITY REQUEST:

2 X 3-BR UNITS @ 120 GPD PER BR = 720 GPD SAN. SEWER

2 UNITS @ 400 GPD PER UNIT = 800 GPD WATER

DEVELOPMENT NOTES:

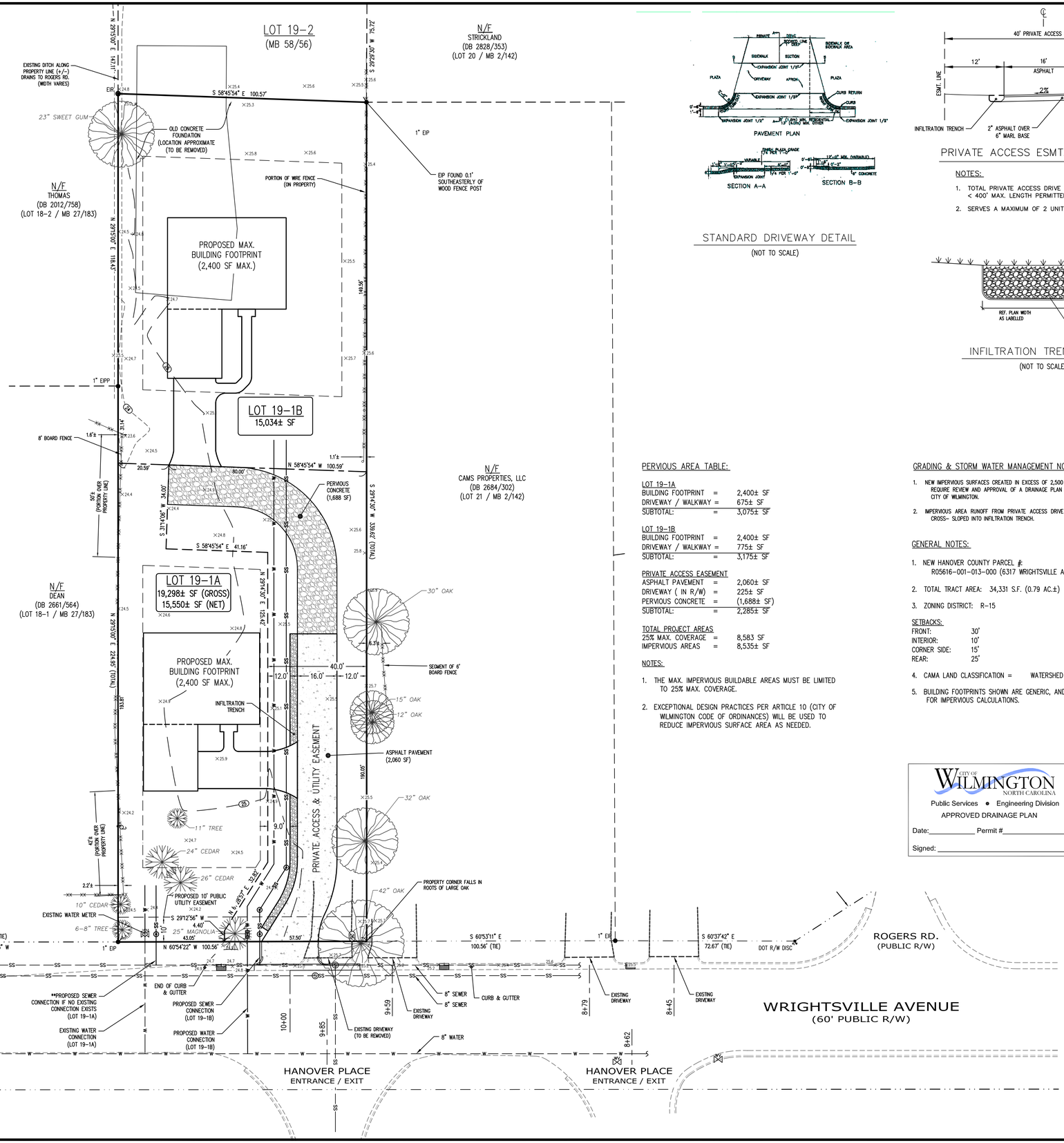
1. NO LAND DISTURBANCE IS PERMITTED ON AREAS OUTSIDE OF THE NECESSARY GRADING LIMITS FOR SITE IMPROVEMENTS OTHER THAN THE MINIMUM TO TIE BACK INTO THE EXISTING CONTOURS.
2. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. LAND CLEARING & CONSTRUCTION CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTION ON TREE PROTECTION REQUIREMENTS AND METHODS.
3. NO EQUIPMENT IS ALLOWED ON THE SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING HAS BEEN INSTALLED.
4. ALL DEVELOPMENT ELEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF WILMINGTON LAND DEVELOPMENT CODE.

RECREATION AREA CALCULATIONS:

2 RESIDENTIAL LOTS @ 0.03 AC./LOT = 0.06 AC. = 2614 S.F.

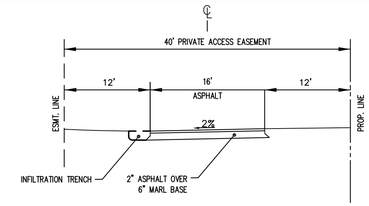
SITE INVENTORY NOTES:

1. THERE ARE NO CONSERVATION OVERLAY BOUNDARIES AFFECTING THIS PROPERTY.
2. NO CEMETERIES WERE EVIDENCED ON THE SITE.
3. THERE IS NO EVIDENCE OF JURISDICTIONAL WETLANDS ON THE SITE.
4. THERE IS NO EVIDENCE OF ENDANGERED SPECIES OR HABITAT ISSUES ON THE SITE.
5. THIS PROPERTY IS NOT WITHIN ANY FLOOD HAZARD AREA AS SHOWN ON N.C. FLOOD MAP 3720315700J / MAP DATED: APRIL 03, 2006.



STANDARD DRIVEWAY DETAIL

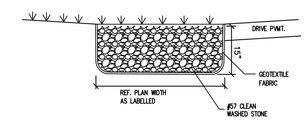
(NOT TO SCALE)



PRIVATE ACCESS ESMT. X-SECTION

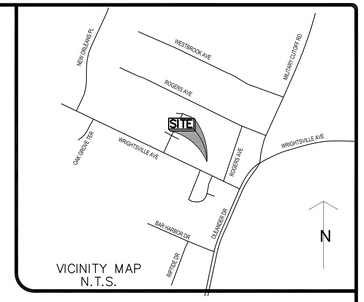
NOTES:

1. TOTAL PRIVATE ACCESS DRIVE LENGTH = 232' ** < 400' MAX. LENGTH PERMITTED **
2. SERVES A MAXIMUM OF 2 UNITS.



INFILTRATION TRENCH DETAIL

(NOT TO SCALE)



VICINITY MAP
N.T.S.

SYMBOL LEGEND:

EI*	EXISTING IRON *PIPE / *ROD		SEWER CLEAN-OUT
RBS	REBAR SET		UTILITY POLE
ECM	EXISTING CONCRETE MONUMENT		GUY WIRE ANCHOR
R/W	EXISTING RIGHT-OF-WAY MONUMENT		ELECTRIC PEDESTAL
NCGS	EXISTING NCGS MONUMENT		ELECTRIC METER
	WATER METER (EXISTING)		LIGHT / LIGHT POLE
	WATER VALVE		ELECTRIC MANHOLE
	FIRE HYDRANT		FIBER OPTIC MARKER
	FIRE DEPARTMENT CONNECTION		TELEPHONE PEDESTAL
	IRRIGATION CONTROL VALVE		TELEPHONE MANHOLE / VAULT
	WATER MANHOLE		GAS METER
	WELL (AS NOTED)		GAS VALVE
AAV	AIR RELEASE VALVE	GM	GAS MARKER
	BLOW-OFF VALVE		MAIL BOX
	STORM DRAIN MANHOLE		SIGN
	CATCH BASIN		BOLLARD
	DROP / YARD INLET		UTILITY MANHOLE
	FLARED END SECTION	BORE	BORE HOLE LOCATION
	SEWER MANHOLE		

LINETYPE LEGEND:

	SURVEYED LINES (BOUNDARY)
	LINES PER RECORD DATA
	LINES NOT SURVEYED (ADJOINERS)
	RIGHT-OF-WAY
xx xx xx xx xx xx	FENCE
	STORM PIPE
OHE OHE	OVERHEAD ELECTRIC

ABBREVIATIONS:

EIP	EXISTING IRON PIPE	MHSD	STORM DRAIN MANHOLE
EIR	EXISTING IRON ROD	N/F	NOW OR FORMERLY
RBS	REBAR SET	MB	MAP BOOK / CABINET
MON	MONUMENT	DB	DEED BOOK
NCGS	NORTH CAROLINA GEODETIC SURVEY	PG	PAGE
INV	INVERT	BLDG	BUILDING
ELEV	ELEVATION	EL.	ELEVATION
MHSS	SEWER MANHOLE	[E]	EXISTING

PERVIOUS AREA TABLE:

LOT 19-1A

BUILDING FOOTPRINT	=	2,400± SF
DRIVEWAY / WALKWAY	=	675± SF
SUBTOTAL:	=	3,075± SF

LOT 19-1B

BUILDING FOOTPRINT	=	2,400± SF
DRIVEWAY / WALKWAY	=	775± SF
SUBTOTAL:	=	3,175± SF

PRIVATE ACCESS EASEMENT

ASPHALT PAVEMENT	=	2,060± SF
DRIVEWAY (IN R/W)	=	225± SF
PERVIOUS CONCRETE	=	(1,688± SF)
SUBTOTAL:	=	2,285± SF

TOTAL PROJECT AREAS

25% MAX. COVERAGE	=	8,583 SF
IMPERVIOUS AREAS	=	8,535± SF

NOTES:

1. THE MAX. IMPERVIOUS BUILDABLE AREAS MUST BE LIMITED TO 25% MAX. COVERAGE.
2. EXCEPTIONAL DESIGN PRACTICES PER ARTICLE 10 (CITY OF WILMINGTON CODE OF ORDINANCES) WILL BE USED TO REDUCE IMPERVIOUS SURFACE AREA AS NEEDED.

GRADING & STORM WATER MANAGEMENT NOTES:

1. NEW IMPERVIOUS SURFACES CREATED IN EXCESS OF 2,500 SQ. FT. REQUIRE REVIEW AND APPROVAL OF A DRAINAGE PLAN BY THE CITY OF WILMINGTON.
2. IMPERVIOUS AREA RUNOFF FROM PRIVATE ACCESS DRIVE TO BE CROSS- SLOPED INTO INFILTRATION TRENCH.

GENERAL NOTES:

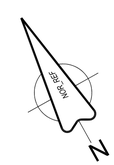
1. NEW HANOVER COUNTY PARCEL #: R05616-001-013-000 (6317 WRIGHTSVILLE AVE.)
2. TOTAL TRACT AREA: 34,331 S.F. (0.79 AC.±)
3. ZONING DISTRICT: R-15

SETBACKS:

FRONT:	30'
INTERIOR:	10'
CORNER SIDE:	15'
REAR:	25'

4. CAMA LAND CLASSIFICATION = WATERSHED RESOURCE PROTECTION AREA
5. BUILDING FOOTPRINTS SHOWN ARE GENERIC, AND ONLY REPRESENT A MAX. AREA FOR IMPERVIOUS CALCULATIONS.

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



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

SUBDIVIDER / PROPERTY OWNER:

RAY & DANA SITO
2285 ALLENS LANE
WILMINGTON, NC 28403

REVISIONS

NO.	DATE	DESCRIPTION	BY
1	07/02/13	ADDRESSED TRC COMMENTS	JAR
2	07/15/13	ADDRESSED ADDITIONAL COMMENTS	JAR
3	08/03/13	ADDED ADJACENT DRIVEWAYS PER DOT	JAR

SHEET: 1 OF 1

DATE OF SURVEY: 06/03/2013 | SCALE: AS NOTED
DRAWN: JAR | CHECKED: BLS
BLS PROJECT NO: 13-1013.01

BASE LINE SURVEY, PLLC

LICENSE P-1091

PO Box 15966, Wilmington, NC 28408
(910) 338-1880 www.baselinesurveync.com

PROPOSED "ALMOST AIRLIE" SUBDIVISION
DIVISION OF LOT 19-1 (MB 58/56)

6317 WRIGHTSVILLE AVENUE, WILMINGTON, NC

HARNETT TOWNSHIP (CITY OF WILMINGTON) COUNTY NORTH CAROLINA

PRELIMINARY SUBDIVISION PLAT (MINOR SUBDIVISION)