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:

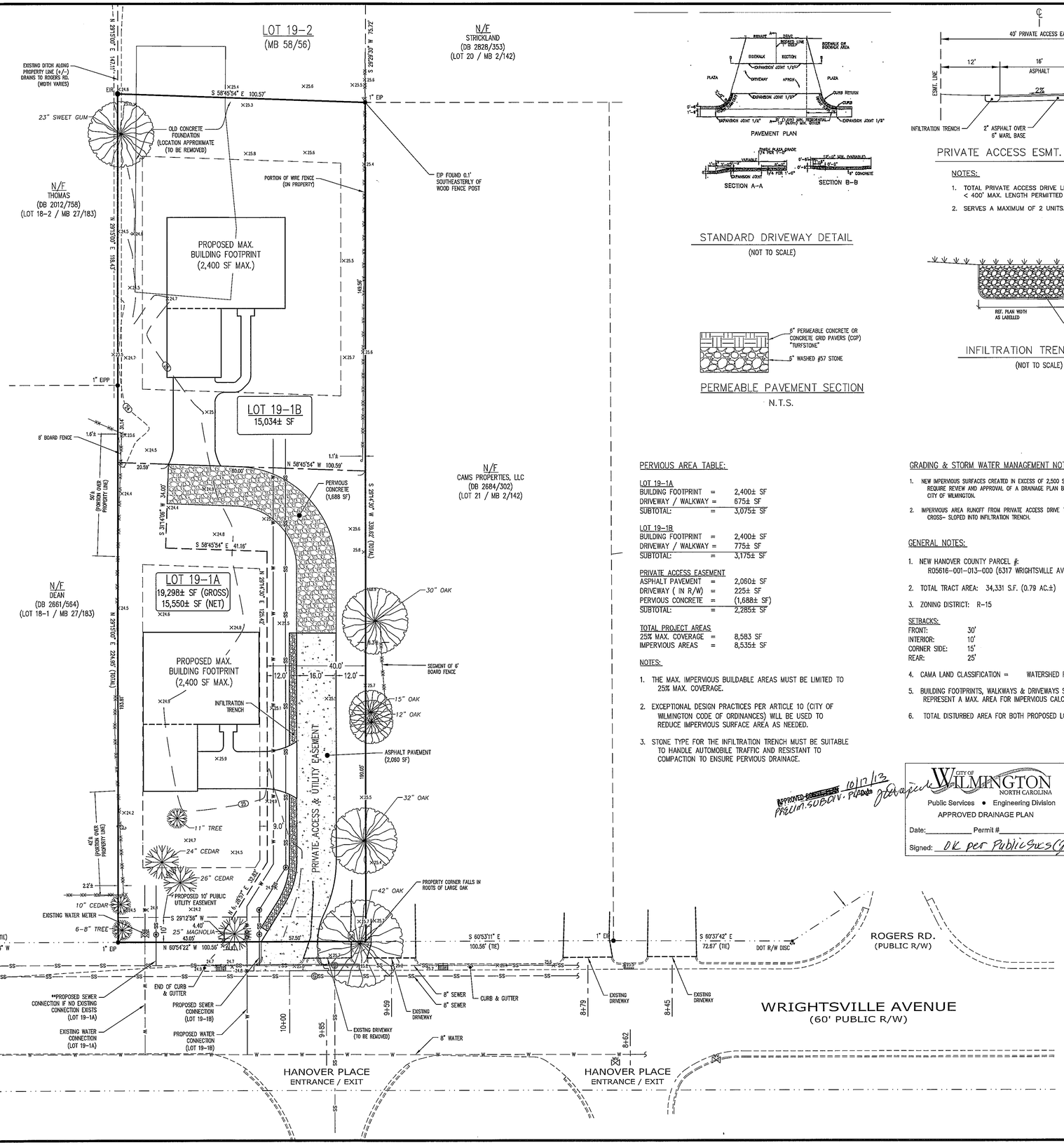
1. NO LAND DISTURBANCE IS PERMITTED ON AREAS OUTSIDE OF THE NECESSARY GRADING LIMITS FOR SITE IMPROVEMENTS OTHER THAN THE MINIMUM TO TIE BACK INTO THE EXISTING CONTOURS.
2. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. LAND CLEARING & CONSTRUCTION CONTRACTORS SHALL RECEIVE 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)

PERMEABLE PAVEMENT SECTION

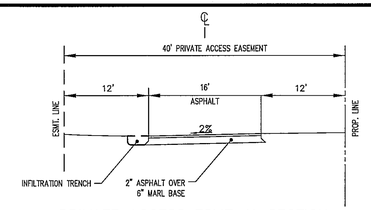
N.T.S.

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:

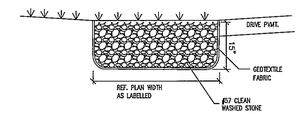
1. THE MAX. IMPERVIOUS BUILDABLE AREAS MUST BE LIMITED TO 25% MAX. COVERAGE.
2. EXCEPTIONAL DESIGN PRACTICES PER ARTICLE 10 (CITY OF WILMINGTON CODE OF ORDINANCES) WILL BE USED TO REDUCE IMPERVIOUS SURFACE AREA AS NEEDED.
3. STONE TYPE FOR THE INFILTRATION TRENCH MUST BE SUITABLE TO HANDLE AUTOMOBILE TRAFFIC AND RESISTANT TO COMPACTION TO ENSURE PERVIOUS DRAINAGE.



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)

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

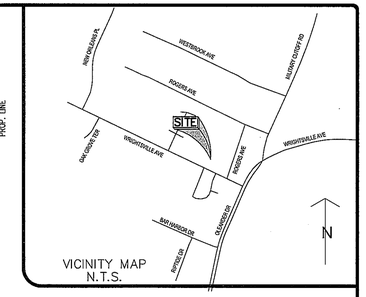
SETBACKS:

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

4. CAMA LAND CLASSIFICATION = WATERSHED RESOURCE PROTECTION AREA
5. BUILDING FOOTPRINTS, WALKWAYS & DRIVEWAYS SHOWN ARE GENERIC, AND ONLY REPRESENT A MAX. AREA FOR IMPERVIOUS CALCULATIONS.
6. TOTAL DISTURBED AREA FOR BOTH PROPOSED LOTS WILL NOT EXCEED 1 ACRE.

APPROVED ~~SUBDIV.~~ PRELIM. SUBDIV. PLAT 10/17/13

CITY OF WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED DRAINAGE PLAN
Date:_____ Permit #_____
Signed: OK per Public Svcs (JAR)



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
AIR RELEASE VALVE	GAS MARKER
BLOW-OFF VALVE	MAIL BOX
STORM DRAIN MANHOLE	SIGN
CATCH BASIN	BOLLARD
DROP / YARD INLET	UTILITY MANHOLE
FLARED END SECTION	BORE HOLE LOCATION
SEWER MANHOLE	

LINETYPE LEGEND:

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

NORTH

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
4	08/20/13	ADDED PERVIOUS PAVMENT DETAIL	JAR
5	10/17/13	NOTES PER ENG. REVIEW	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)