

TN EXPORT FROM RESIDENTIAL DEVELOPMENT - NORTH SIDE TYPE OF LAND COVER TN EXPORT FROM AREA (ÁCRES) TN EXPORT COEF. TN EXPORT FROM (LBS/AC/YR) USE (LBS/YR) SITE (LBS/AC/YR) PERMANENTLY PROTECTED UNDISTURBED OPEN 0.6 14.568 24.28 SPACE (FOREST, UN-MOWN MEADOW) PERMANENTLY PROTECTED MANAGED OPEN SPACE (LAWN, 0.0 1.2 0.0 GRASS, LANDSCAPING. RIGHT-OF-WAY (READ 1.56 7.0 10.920 TN EXPORT FROM GRAPH 1) LOTS (READ TN 11.09 2.75 30.498 EXPORT FROM GRAPH TOTALS 36.93 55.986

NITROGEN EXPORT IS 1.516 LBS/AC/YR WHICH IS LESS THAN THE 3.6 LBS/AC/YR LIMIT. THEREFORE NO NITROGEN OFFSET PAYMENT OR WATÉR QUALITY BMPS WILL BE REQUIRED. PROJECT IS NOT LOCATED IN THE ENVIRONMENTALLY SENSITIVE OVERLAY DISTRICT. SITE IS LIMITED TO 15% IMPERVIOUS AREA.

IMPERVIOUS SURFACE CALCULATIONS

AVERAGE FOR SITE

1608671SF (36.93 AC.) IN SUBDIVISION

241301SF (5.54 AC.) ALLOWABLE IMPERVIOUS SURFACE

28543SF (0.66 AC.) PROPOSED PAVEMENT + 112000SF (8000 SF IMPERVIOUS PER 14 LOTS) (1.93AC.) 140534SF TOTAL PROPOSED IMPERVIOUS BY DESIGN (3.23 AC)

3.23 AC./36.93 AC. = 8.7%

CERTIFICATE OF APPROVAL BY PUBLIC UTILITIES: THE DIRECTOR OF PUBLIC UTILITIES FOR COUNTY OF JOHNSTON, NORTH CAROLINA, HEREBY CERTIFIES THAT THIS PLAT MEETS ALL JOHNSTON COUNTY STANDARDS AND REQUIREMENTS FOR PUBLIC UTILITIES REQUIRED BY THE JOHNSTON COUNTY ORDINANCES. UPON RECORDATION OF THIS PLAT, JOHNSTON COUNTY ACCEPTS THE OWNER'S OFFER OF DEDICATION FOR PUBLIC WATER AND/OR SANITARY SEWER PURPOSES ALL EASEMENTS, COMMON AREAS, AND/OR RIGHTS-OF-WAY SHOWN AND DELINEATED ON THIS PLAT AS DEDICATED FOR PUBLIC UTILITY PURPOSES. NO STRUCTURES OR FENCES SHALL BE PLACED WITHIN THE PUBLIC UITLITY EASEMENTS. ACCESS TO THE DEDICATED AREAS SHALL NOT BE BLOCKED OR OBSTRUCTED BY ANY FENCE OR STRUCTURES, UNLESS PRE-APPROVED ACCESS IS PROVIDED WITH A 12' MINIMUM OPENING GATE. THE COUNTY SHALL HAVE THE RIGHT TO CLEAR AND/OR REMOVE ANY VEGETATION WITHIN THE PUBLIC UTILITY EASEMENTS. FURTHERMORE, THE COUNTY WILL NOT REPLACE ANY LANDSCAPING (OTHER THAN GRASS, WHICH WILL BE REPLACED WITH SEED) WITHIN THE PUBLIC UTILITY EASEMENT AREA DISTURBED FOR MAINTENANCE OF THE UTILITIES.

THIS THE 28th DAY OF OC+ , 20 20

COUNTY OF JOHNSTON
BY: Tanks C. James

NOTICE TO CONNECT TO PUBLIC UTILITY SYSTEM (Major Subdivisions Only)
HOMEOWNER IS REQUIRED TO CONNECT TO PUBLIC WATER (AND SEWER, WHERE AVAILABLE) BEFORE CERTIFICATE OF OCCUPANCY IS ISSUED FOR THE PRINCIPAL

CERTIFICATE OF OWNERSHIP AND DEDICATION

HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, WHICH IS LOCATED IN THE SUBDIVISION JURISDICTION OF JOHNSTON COUNTY AND THAT I HEREBY ADOPT THIS SUBDIVISION PLAN WITH MY FREE CONSENT, ESTABLISH MINIMUM SETBACK LINES, AND DEDICATE ALL STREETS, ALLEYS, PARKS AND OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED.

CERTIFICATE OF FLOODWAY INFORMATION
PROPERTY SHOWN HEREON __X__ IS __ IS NO LOCATED IN A FEMA DESIGNATED FLOOD ZONE.

EFFECTIVE DATE: JUNE 20, 2018

SURVEYOR

SURVEYOR FLOOD HAZARD PANEL NO. 3720162200K

NIMUM BUILDING SETBACKS

SUBJECT TO JOHNSTON COUNTY MINIMUM BUILDING SETBACK REQUIREMENTS, CONSULT WITH JOHNSTON COUNTY PLANNING AND INSPECTIONS DEPARTMENTS FOR ALL APPLICABLE BUILDING SETBACKS, STEPHENSON ROAD HAS A 50 FT. MINIMUM SETBACK, LANGDON ROAD HAS A 50 FT. MINIMUM SETBACK, ALL BUILDINGS SHALL BE LOCATED OUTSIDE OF ALL EASEMENTS.

SUBDIVISION ADMINISTRATOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS RECORD PLAT HAS BEEN FOUND TO COMPLY WITH THE SUBDIVISION ORDINANCE OF JOHNSTON COUNTY, NORTH CAROLINA, AND THAT THIS PLAT HAS BEEN APPROVED FOR RECORDING IN THE REGISTER OF DEEDS OF JOHNSTON

TE OF NORTH CAROLINA

COUNTY OF CHINSTON LAT TO WHICH THIS CERTIFY THAT REQUIREMENTS FOR RE

JOHNSTON COUNTY REGISTER OF DEEDS STATE OF NORTH CAROLINA, JOHNSTON COUNTY THIS INSTRUMENT WAS PRESENTED FOR

REGISTRATION AND RECORDING THIS ____ __20___ AT__ REG. OF DEEDS ASST. REG. OF DEEDS

TN EXPORT FROM RESIDENTIAL DEVELOPMENT — SOUTH SIDE							
(1) TYPE OF LAND COVER	(2) AREA (ACRES)	(3) TN EXPORT COEF. (LBS/AC/YR)	(4) TN EXPORT FROM USE (LBS/YR)	(5) TN EXPORT FROM SITE (LBS/AC/YR)			
PERMANENTLY PROTECTED UNDISTURBED OPEN SPACE (FOREST, UN-MOWN MEADOW)	8.09	0.6	4.854				
PERMANENTLY PROTECTED MANAGED OPEN SPACE (LAWN, GRASS, LANDSCAPING, ETC.)	0.0	1.2	0.0				
RIGHT-OF-WAY (READ TN EXPORT FROM GRAPH 1)	1.09	8.0	8.72				
LOTS (READ TN EXPORT FROM GRAPH 2)	8.31	3.0	24.93				
TOTALS	17.49		38.504				
AVERAGE FOR SITE				2.201			

NITROGEN EXPORT IS 2.201 LBS/AC/YR WHICH IS LESS THAN THE 3.6 LBS/AC/YR LIMIT. THEREFORE NO NITROGEN OFFSET PAYMENT OR WATER QUALITY BMPS WILL BE REQUIRED. PROJECT IS NOT LOCATED IN THE ENVIRONMENTALLY SENSITIVE OVERLAY DISTRICT. SITE IS LIMITED TO 15% IMPERVIOUS AREA.

IMPERVIOUS SURFACE CALCULATIONS - SOUTH SIDE

761973SF (17.49 AC.) IN SUBDIVISION X 15.0% 114296SF (2.62 AC.) ALLOWABLE IMPERVIOUS SURFACE

22077SF (0.51 AC.) PROPOSED PAVEMENT + 90000SF (6000 SF IMPERVIOUS PER 15 LOTS) (1.93AC.) 112077SF TOTAL PROPOSED IMPERVIOUS BY DESIGN (2.57 AC)

2.57 AC./17.49 AC. = 14.7%

1.516

1. ALL INTERIOR LOTS SHALL HAVE A 10' DRAINAGE, SLOPE, AND UTILITY EASEMENT 5' EACH SIDE OF ALL LOT LINES,

2. A 10' DRAINAGE AND UTILITY EASEMENT SHALL LIE INSIDE ALL EXTERIOR BOUNDARY LINES.

3. A 10' WIDE GRADING, SLOPE, DRAINAGE, AND UTILITY EASEMENT IS RESERVED ON THE LOT SIDE OF AND ADJACENT TO ALL STREET RIGHT=OF-WAYS.

NO DRIVEWAY SHALL BE LOCATED WITHIN 50 FEET OF A STREET INTERSECTION. ALL HOUSE AND DRIVEWAY LOCATIONS SHALL BE COORDINATED WITH THE JOHNSTON COUNTY ENVIRONMENTAL HEALTH DEPARTMENT TO ASSURE RESERVING PROPER AREAS FOR SEPTIC SYSTEMS.

NEW 1/2" REBAR AT ALL CORNERS UNLESS OTHERWISE NOTED.

ALL LOTS SHALL BE SERVED BY PUBLIC WATER PROVIDED BY JOHNSTON COUNTY AND INDIVIDUAL SEPTIC SYSTEMS AND SHALL MEET ALL APPLICABLE REGULATIONS. ALL LOTS SHALL MEET APPLICABLE MINIMUM SETBACK REQUIREMENTS

THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS, OR

AGREEMENTS OF RECORD.

10. NORTH SIDE: EACH LOT IS LIMITED TO 6,000 SF OF IMPERVIOUS AREA OR A TOTAL OF 84,000 SF TOTAL FOR THE 14 LOTS IN THIS SUBDIVISION. IMPERVIOUS AREA INCLUDES ALL BUILDINGS, SHEDS, SIDEWALKS, COVERED PORCHES, DRIVEWAYS AND SURFACES SUCH AS GRAVEL, CONCRETE, ASPHALT, BRICK, SLATE OR STONE THAT IMPEDE THE INFILTRATION OF WATER INTO THE SOIL. THE MAXIMUM IMPERVIOUS AREA ALLOWED PER LOT SHOULD INCLUDE ANY IMPERVIOUS AREA PROPOSED WITHIN THE PORTION OF THE RIGHT-OF-WAY BETWEEN THE EDGE OF ROADWAY PAVEMENT AND THE FRONT LOT LINE.

SOUTH SIDE: EACH LOT IS LIMITED TO 6,000 SF OF IMPERVIOUS AREA OR A TOTAL OF 90,000 SF TOTAL FOR THE 15 LOTS IN THIS SUBDIVISION. IMPERVIOUS AREA INCLUDES ALL BUILDINGS, SHEDS, SIDEWALKS, COVERED PORCHES, DRIVEWAYS AND SURFACES SUCH AS GRAVEL, CONCRETE, ASPHALT, BRICK, SLATE OR STONE THAT IMPEDE THE INFILTRATION OF WATER INTO THE SOIL. THE MAXIMUM IMPERVIOUS AREA ALLOWED PER LOT SHOULD INCLUDE ANY IMPERVIOUS AREA PROPOSED WITHIN THE PORTION OF THE RIGHT-OF-WAY BETWEEN THE EDGE OF ROADWAY PAVEMENT AND THE FRONT LOT LINE.

NOTE: ALL LOTS SHALL BE SERVED BY THE INTERNAL STREET SYSTEM ONLY

NOTE: ONLY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION APPROVED STRUCTURES ARE TO BE CONSTRUCTED ON PUBLIC RIGHT-OF-WAY.

NOTE: SITE TRIANGLE TAKES PRECEDENT OVER ANY SIGN EASEMENT

NOTE: OWNER, DEVELOPER, OR CONTRACTOR SHALL SET THE CENTERLINE OF THE EXISTING ROADWAY DITCH BACK TO A MINIMUM OF 12 FEET FROM THE EXISTING/PROPOSED EDGE OF PAVEMENT ALONG ALL ROAD FRONT LOTS.

NOTE: ALL DRAINAGE EASEMENTS SHALL BE DEDICATED AS PUBLIC AND IT SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS TO MAINTAIN THE DRAINAGE EASEMENTS AND ANY DRAINAGE STRUCTURES THERE IN, SO AS TO MAINTAIN THE INTEGRITY OF THE DRAINAGE SYSTEM AND INSURE POSITIVE DRAINAGE.

CERTIFICATION FOR WATER SUPPLY AND SEWAGE DISPOSAL SYSTEMS
CERTIFICATE OF PRELIMINARY APPROVAL OF WATER SUPPLY AND SEWAGE DISPOSAL SYSTEMS INSTALLED FOR INSTALLATION IN <u>SPRING BRANCH</u> SUBDIVISION MEET PUBLIC HEALTH REQUIREMENTS AS DESCRIBED IN APPENDIX II JOHNSTON COUNTY SUBDIVISION REGULATIONS. FINAL APPROVAL FOR INDIVIDUAL LOTS WITHIN THIS SUBDIVISION WILL BE BASED ON DETAILED LOT EVALUATION UPON APPLICATION AND SUBMISSION OF PLAN FOR PROPOSED USE. THIS PRELIMINARY CERTIFICATION IS ADVISORY ONLY AND

CONFERS NO GUARANTEE.

10 - 8 - 20 20

DATE HEALTH REPRESENTATIVE

NOTE: EACH LOT SHOWN HEREON MAY REQUIRE THE USE OF SEWAGE PUMPS, LOW PRESSURE PIPE SYSTEMS, FILL SYSTEMS, INNOVATIVE SYSTEMS OR ANY OTHER ALTERNATIVE SYSTEM TYPE AND SITE MODIFICATIONS SPECIFIED IN THE NORTH CAROLINA LAWS AND RULES FOR SEWAGE TREATMENT AND DISPOSAL SYSTEMS, 15A NCAC 18A SECTION 1900. THE ACTUAL SYSTEM TYPE, DESIGN AND SITE MODIFICATIONS WILL BE DETERMINED AT THE TIME OF PERMITTING.

ROAD MAINTENANCE STATEMENT OF UNDERSTANDING

ROSECT PUBLICAL AM RESPONSIBLE FOR THE CONSTRUCTION.

MAINTENANCE AND REQUIRED ROAD IMPROVEMENTS OF SUBDIVISION STREETS UNTIL a) APPROVED/TAKEN OVER BY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION FOR PUBLIC ROADS, OR

b) APPROVED/TAKEN OVER BY HOMEOWNERS ASSOCIATION FOR PRIVATE ROADS MAINTENANCE, OF MAINTENANCE AGREEMENT IS SIGNED AND RECORDED BY OWNERS OF c) PRIVATE ROA

EACH LOT 9 22 2020 DATE

DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS CERTIFICATION
PROPOSED SUBDIVISION ROAD CONSTRUCTION STANDARDS CERTIFICATION APPROVED: OCT 6,200 CONTROL ENGINEER

CERTIFICATE OF PUBLIC UTILITIES (Major Subdivisions Only)
ALL OBLIGATIONS AND REQUIREMENTS FOR THE UTILITIES TO SERVE SPRING BRANCH SUBDIVISION, LOTS 1-29, AS SET FORTH BY JOHNSTON COUNTY PUBLIC UTILITIES DEPARTMENT, HAVE BEEN MET AND ARE SATISFACTORY FOR THE PURPOSE OF

RECORDING THE SUBDIVISION MAP.

10 20 20 Chandra C. James
DATE DIRECTOR OF INFRASTRUCTURE NOTE: NO STRUCTURES TO BE BUILT INSIDE ANY UTILITY EASEMENT.

Filed in JOHNSTON COUNTY, NC

Filed 10/30/2020 11:08:04 AM

PLAT B: 92 P: 105

Dep/Asst Ineal

CRAIG OLIVE, Register of Deeds

Line Table							
Line #	Length	Direction					
L1	59.13'	N 41'07'31" W					
L2	49.12'	N 07*36'51" E					
L3	49.12'	N 07°36'51" E					
L4	59.13'	N 41°07'31" W					
L5	63.19'	N 18*37'13" W					
L6	52.78'	N 18*37'13" W					
L11	33.49'	N 41°14'09" E					
L12	33.49	N 41°14'09" E					
L13	30.50'	N 88'46'26" W					
L14	36.04	N 88*46'26" W					
L15	20.17	N 71°40′38" E					
L16	19.32'	N 44*48'43" E					
L17	119.70'	N 78°43'18" E					
L18	121.02'	N 78°43'18" E					

Curve #	Length	Radius	Chord Bearing	Chord Length
C1	39.27'	25.00'	S 52°30'35" E	35.36'
C2	70.38	255.00'	N 15°24'39" W	70.15'
C3	79.26'	255.00'	N 32*13'17" W	78.94'
C4	290.40'	205.00'	S 00°39'11" W	266.72'
C5	70.38'	255.00'	N 18°02'41" E	70.16'
C6	11.23'	255.00'	N 08*52'33" E	11.23'
C7	21.03'	25.00'	S 31°42'33" W	20.41'
C8	37.63'	50.00'	N 34*14'38" E	36.75'
C9	65.76	50.00'	N 24*59'40" W	61.12'
C10	57.69'	50.00'	S 84'16'15" W	54.55'
C11	41.15	50.00'	S 27*38'11" W	40.00'
C12	38.95'	50.00'	S 18°15'31" E	37.97'
C13	21.03'	25.00'	N 16°28'50" W	20.41'
C14	65.61	205.00'	N 16 '4 6'59" E	65.33
C15	132.29	255.00'	S 26°22'27" W	130.81
C16	35.32'	255.00'	S 13'01'43" E	35.29'
C17	107.39	255.00	S 29*03'39" E	106.60'
C18	120.29	205.00'	N 24°18'53" W	118.57'
C19	39.27	25.00'	N 37*29'25" E	35.35'
C20	38.87	25.00'	N 52*58'18" W	35.07'
C21	45.36	255.00'	S 13'31'27" E	45.30'
C22	32.16	25.00'	N 18*14'13" E	29.99'
C36	21.03'	25.00'	N 73*24'34" W	20.41'
C37	58.44	50.00'	S 82'47'58" E	55.17'
C38	55.38'	50.00'	N 31*59'14" E	52.59'
C39	48.40'	50.00'	N 50°32'49" W	46.53'
C40	58.83'	50.00'	S 68°00'50" W	55.50'
C41	21.03'	25.00'	N 58°24'03" E	20.41'
C42	37.35	25.00'	S 61°25'13" E	33.97'
C43	34.65	205.00'	S 13'46'41" E	34.61'
C44	39.89	25.00'	S 36°46'28" W	35.79'
C46	54.68'	205.00'	N 33*35'38" E	54.52'
C47	60.66	255.00'	N 32°45'59" E	60.51'
C48	7.37'	255.00'	N 40°24'30" E	7.37'
C49	20.14	50.00'	N 11'16'42" W	20.00'
C50	34.78'	25.00'	N 51°22'10" E	32.04'
C51	34.78	25.00'	N 48'55'02" W	32.04'
C52	59.75	255.00'	S 48'22'55" W	59.61'
C53	69.32	255.00'	S 33*52'56" W	69.11'
C54	53.70'	255.00'	S 20°03'43" W	53.60'
C55	21.90'	25.00'	N 39.07,10, E	21.20'
C56	62.07	50.00'	S 28'38'55" W	58.16'
C57	41.15'	50.00'	S 30°29'26" E	40.00'
C58	41.15	50.00'	S 77*38'49" E	40.00'
C59	41.15	50.00'	N 55°11'48" E	40.00'
C60	55.58'	50.00'	N 00°13′30″ W	52.76'
C61	19.62'	25.00'	S 09°35'13" E	19.12'
C62	14.97'	205.00	S 14*59'10" W	14.97'

Curve Table

| Curve # | Length | Radius | Chord Bearing | Chord Length

113.16' 205.00' S 32*53'30" W

C63

C65

EE PROJECT: 4962 SHEET 2 OF

198.00' 32.40' S 58'46'50" W SUBDIVI 49.73' | 205.00' | S 75*32'45" W 49.61 C66 | 29.89' | 255.00' | S 79'08'15" W 29.87'

111.73

SION $\mathbf{\Omega}$

Ŋ

ONSULTING ENGINEERS & 1403 NC Highway 50 South - Bensor Phone: (919) 894-7765 Fax: (919)

er

gine

VERTICAL

DATE 09-

DEVE

LOCATIC.

STEPHENSON 1..
ELEVATION TOWNSTI..
JOHNSTON COUNTY
NORTH CAROLINA
PROPERTY DEVELOPER(S):
RP WELLONS LAND AND D'
P.O. BOX 730
''NN, NC 28335

NCH

R

N N \Box S