

#### GENERAL NOTES:

- 1) IRON STAKES SET AT ALL PROPERTY CORNERS UNLESS OTHERWISE INDICATED. 2) MAG. NAILS OR SPIKES SET AT ALL POINTS IN ASPHALT ROAD SURFACES UNLESS OTHERWISE INDICATED.
- 3) AREAS DETERMINED BY COORDINATE METHOD.
- 4) ALL DISTANCES AND DIMENSIONS ARE HORIZONTAL GROUND DISTANCES UNLESS
- 5) LINES NOT SURVEYED ARE SHOWN AS DASHED LINES FROM INFORMATION REFERENCED HEREON.
- 6) NON-CONFORMING STRUCTURES HAVE NOT BEEN CREATED BY THIS
- 7) NO NCGS MONUMENT WAS FOUND WITHIN 2000-FT OF THE SUBJECT PROPERTY. NC GRID COORDINATES WERE DETERMINED FROM A REAL-TIME KINEMATIC GNSS SURVEY USING THE NC GEODETIC SURVEY VRS NETWORK.
- 8) DURING THE CONSTRUCTION OF THIS DEVELOPMENT IRON STAKES WERE SET ON EACH LOT LINE AT A DISTANCE 15-FEET BACK FROM THE ACTUAL FRONT (RIGHT-OF-WAY) CORNER.
- 9) THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE SEARCH AND IS BASED ONLY ON INFORMATION REFERENCED HEREON. OTHER DOCUMENTS OF RECORD MAY EXIST WHICH COULD AFFECT THIS PROPERTY. NO RESPONSIBILITY IS ASSUMED BY THE SURVEYOR FOR ANY CONDITIONS WHICH MAY PRESENTLY EXISTS BUT ARE UNKNOWN OR UN-REFERENCED HEREON, SUCH AS BUT NOT LIMITED TO HAZARDOUS WASTE MATERIALS, UNDERGROUND TANKS, EASEMENTS, CEMETERIES, ADVERSE SOIL CONDITIONS, WETLANDS, AND LOCALIZED FLOOD AREAS.
- 10) NO UNDERGROUND UTILITIES WERE MARKED BY PROVIDERS PRIOR TO THIS SURVEY. CALL NC 811 PRIOR TO ANY EXCAVATION TO REQUEST A UTILITY LOCATE BY THE RESPECTIVE PROVIDERS.
- 11) LOTS 1, 4, 42, AND 40 MAY BE SUBJECT TO A POWER LINE EASEMENT (TYPICALLY 15-FEET MEASURED OUTWARD FROM THE THE POWER LINE ON BOTH SIDES. CONTACT THE ELECTRIC POWER PROVIDER FOR MORE INFORMATION.
- 12) LOT 1 AND LOT 42 ARE EACH SUBJECT TO A SUBDIVISION SIGN AND LANDSCAPE EASEMENT AS SHOWN. IF NO HOME-OWNERS ASSOCIATION IS ESTABLISHED, EACH RESPECTIVE LOT OWNER WILL BE RESPONSIBLE FOR MAINTENANCE OF THE EASEMENT AREA.
- 13) A 10' WIDE GRADING, SLOPE, DRAINAGE, AND UTILITY EASEMENT IS RESERVED ON THE LOT SIDE OF, AND ADJACENT TO ALL STREET RIGHT-OF-WAYS.
- 14) PUBLIC WATER WILL BE PROVIDED TO ALL LOTS BY JOHNSTON COUNTY PUBLIC UTILITIES AND EACH LOT WILL HAVE INDIVIDUAL SUBSURFACE SEPTIC SYSTEMS AS APPROVED BY JOHNSTON COUNTY ENVIRONMENTAL HEALTH. A PRELIMINARY ASSESSMENT OF SUITABLE SEPTIC SOILS WAS CONDUCTED BY DANIEL J. BLILEY SOIL & LAND USE CONSULTANT, INC.
- 15) ALL DRAINAGE EASEMENTS SHALL BE PERMANENT, PUBLIC DEDICATED AND IT SHALL BE THE RESPONSIBILITY OF THE RESPECTIVE PROPERTY OWNERS THAT BORDER ALL SUCH EASEMENTS TO MAINTAIN THE DRAINAGE EASEMENT AND ANY DRAINAGE STRUCTURES LOCATED THEREIN, SO AS TO MAINTAIN THE INTEGRITY OF THE DRAINAGE SYSTEM AND TO INSURE POSITIVE DRAINAGE.
- 16) ALL LOTS SHALL BE ACCESSED ONLY BY THE INTERNAL STREET SYSTEM. 17) ONLY NC DEPARTMENT OF TRANSPORTATION APPROVED STRUCTURES ARE TO BE
- BUILT WITHIN THE PUBLIC RIGHT-OF-WAYS. 18) THE 10'  $\times$  70' SIGHT TRIANGLE EASEMENT TAKES PRECEDENCE OVER THE SIGN EASEMENT. SIGNAGE, INCIDENTAL STRUCTURES, TREES OR OTHER LANDSCAPE PLANTINGS WHICH MAY OBSTRUCT SIGHT LINES ARE NOT ALLOWED WITHIN THE SIGHT EASEMENT. (EASEMENT DIMENSIONS ARE MEASURED 70-FEET ALONG THE

"THROUGH STREET" R/W AND 10-FEET ALONG THE "STOP STREET" R/W.)

## 19) IMPERVIOUS AREA CALCULATIONS:

A) TOTAL PARCEL AREA: 36.89 ACRES.

B) PROPOSED IMPERVIOUS:

ASPHALT ROADWAY - 61,431 S.F.

LOT IMPROVEMENTS - 37 LOTS @4,100 S.F. = 151,700 S.F. 5 LOTS @5,550 S.F. = 27,750 S.F. TOTAL - 240,880 S.F = 5.53 ACRES

5.53/36.89 = 0.1499 = 14.99%

THE MAXIMUM ALLOWABLE IMPERVIOUS SURFACE AREA FOR EACH LOTS IS: 4,100 SQ. FT. PER LOT\* FOR LOTS 1, 3 THRU 10, 12, 13, 16 THRU 38, AND LOTS 40 THRU 42.

## 5,550 SQ. FT. PER LOT\* FOR LOTS 2, 11, 14, 15, AND 39.

\*THIS AREA IS TO INCLUDE THAT PORTION OF THE ROAD RIGHT-OF-WAY BETWEEN THE STREET PAVEMENT AND THE PROPERTY LINE. IMPERVIOUS SURFACE SHALL INCLUDE BUT IS NOT LIMITED TO ASPHALT, CONCRETE, GRAVEL, BRICK, STONE, SLATE, OR OTHER SIMILAR MATERIALS AND DOES NOT INCLUDE WOOD DECKING AND SURFACE OF SWIMMING POOLS. THIS RESTRICTION CAN NOT BE CHANGED OR MODIFIED IN ANY WAY WITHOUT PRIOR WRITTEN CONSENT AND/OR AUTHORIZATION FROM JOHNSTON COUNTY.

- 20) WETLANDS AREAS SHOWN HEREON WERE DELINEATED BY DANIEL J. BLILEY SOIL & LAND USE CONSULTANT, INC. (USE RESTRICTIONS APPLY - CONTACT US ARMY CORPS OF ENGINEERS PRIOR TO ANY IMPACTS WITHIN THESE AREAS.)
- 21) STREET CONSTRUCTION PLAN APPROVAL DID NOT INCLUDE ANY STREAM OR WETLAND IMPACTS. ANY FUTURE WETLAND IMPACTS MUST BE PERMITTED AND APPROVED BY JOHNSTON COUNTY AND THE US ARMY CORPS OF ENGINEERS PRIOR TO ANY DISTURBANCE.
- 22) ON LOTS 14, 15, AND 16; ANY DRIVEWAY CULVERT CROSSINGS OR MODIFICATIONS TO THE NATURAL DRAINAGE CHANNEL SHALL BE DESIGNED AND CONSTRUCTED SO THAT THE DRAINAGE SYSTEM FLOW IS NOT IMPEDED OR CONSTRAINED. EACH PROPERTY OWNER IS RESPONSIBLE FOR ALL REGULATORY PERMITTING, MAINTENANCE, AND REPAIRS OF THE DRAINAGE WAY CROSSING THEIR RESPECTIVE LOT SO AS TO MAINTAIN THE INTEGRITY AND CAPACITY OF THE DRAINAGE SYSTEM AND TO INSURE POSITIVE DRAINAGE.
- 23) THE MINIMUM PIPE SIZE FOR DRIVEWAY CULVERTS INSTALLED IN THE STREET SIDE DITCHES SHALL BE 15" REINFORCED CONCRETE PIPE FOR ALL LOTS 1 THRU 42

JOHNSTON COUNTY REGISTER OF DEEDS

STATE OF NORTH CAROLINA, JOHNSTON COUNTY

IN THE REGISTER OF DEEDS OFFICE.

CRAIG OLIVE REGISTER OF DEEDS

REGISTER. OF DEEDS

RECORDED IN PLAT BOOK \_\_\_\_\_, PAGE\_

FILED FOR REGISTRATION AT \_

BY

# CERTIFICATE OF APPROVAL BY PUBLIC UTILITIES:

THE DIRECTOR OF PUBLIC UTILITIES FOR THE 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 UTILITY 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.

### SUBDIVISION ADMINISTRATOR'S CERTIFICATE

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 COUNTY.

ISION ADMINISTRATOR

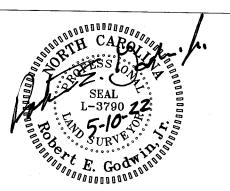
## CERTIFICATE OF OWNERSHIP AND DEDICATION

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 SHES AND EASEMENTS TO PUBLIC OR PRIVATE USE

## CERTIFICATE OF FLOODWAY INFORMATION

PROPERTY SHOWN HEREON IS NOT LOCATED IN A FEMA DESIGNATED FLOOD ZONE.

FLOOD HAZARD PANEL NO. 3720160000K



# REVIEW OFFICER'S CERTIFICATE

STATE OF NORTH CAROLINA COUNTY OF JOHNSTON

Carolyn Allen JOHNSTON COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY

REQUIREMENTS FOR RECORDING. 5 24 22

Caroly- Olen

0, 100' Horizontal Scale

Sky Drive".

size note.

3/15/22: Adjust Riparian Buffer and rear lot line of Lots 2,3,&4

Change Street Name to "Starry

4/20/22: Correct Note Reference Numbers & add driveway culvert

5/6/22: Add Sight Easements of Lot 21 & Lot 41 per NC DOT

3/25/22: Correct Certificates.

#### CURVE TABLE:

Curve	Radius	Length	Chord	Chord Bear.
C1	25.00'	37.75'	34.27'	N 85°38'42" W
C2	585.00'	44.96'	44.95	N 44°35'01" W
C3	585.00'	129.90'	129.63	N 53°08'47" W
C4	585.00'	99.91'	99.79'	N 64°24'02" W
C5	585.00'	67.62'	67.58'	N 72°36'17" W
C6	415.00'	19.53'	19,53'	N 77°15'52" W
C7	415.00'	105.041	104.76	N 85°51'49" W
C8	415.00	76.78'	76.67'	S 81°35'07" W
C9	415.00'	39.24'	39.221	S 73°34'36" W
C10	50.00'	24.60'	24.36'	S 56°46'15" W
C11	50.00'	42.78'	41.49'	S 18°09'41" W
C12	50.00'	52.45	50.08	S 36°24'06" E
C13	50.00'	93.86'	80.67'	N 59°46'21" E
C14	25.00'	33.33'	30.92'	N 44°11'33" E
C15	365.00'	68.71'	68.61'	N 87°46'51" E
C16	365.00'	69.50'	69.40	S 81°22'17" E
C17	535.00'	203.05'	201.83	S 65°02'36" E
C18	25.00'	42.66	37.67	S 05°17'03" E
C19	1134.00'	91.20'	91.17'	S 45°54'22" W
C20	1134.00'	134.96	134.88'	S 51°37'10" W
C21	1134.00'	67.62'	67.61'	S 56°44'14" W
C22	355.00'	67.39'	67.29'	S 63°53'01" W
C23	355.00'	113.04'	112.56	S 78°26'37" W
C24	1775.00'	166.01'	165.95	N 89°45'19" W
C25	1775.00'	21.32'	21.32'	N 86°43'54" W
C26	25.00'	30.77'	28.87'	N 51°07'23" W
C27	50.00'	51.93	49.63'	N 45°36'48" W
C28	50.00'	59.81'	56.31	S 70°21'42" W
C29	50.00'	63.51'	59.33'	S 00°17'54" E
C30	50.00'	43.37'	42.02'	S 61°32'15" E
C31	1825.00'	23.53'	23.53'	S 86°45'25" E
C32	1825.00'	169.08'	169.02	S 89°46'50" E
C33	405.00'	121,42'	120.96	N 78°58'37" E
C34	405.00'	84.42	84.27	N 64°25'01" E
C35	1184.00'	78.47	78.45	N 56°32'49" E
C36	1184.00'	116.01'	115.97'	N 51°50'29" E
C37	1184.00'	90.05	90.03	N 46°51'20" E
C38	1184.00	22.21'	22.21'	
C39	25.00	40.79'	36.41'	N 44°08'22" E S 89°39'15" E
C40	535.00'	4.93	4.93'	S 42°38'46" E
C41	25.00'	40.79'	36.41'	S 04°21'18" W

#### LINE CALL TABLE:

Course	Bearing	Distance
L1	S 58°00'00" E	31.77'
L2	N 86°23'19" W	39.15'
L3	N 86°22'14" W	2.52'
L4	S 39°41'28" E	74.34'
L5	S 23°32'52" W	57.54'
L6	S 07°47'51" E	116.03
L7	S 49°56'49" W	35.94'
L8	S 02°52'42" W	56.34'
L9	S 21°52'29" E	24.99'
L10	S 12°26'50" W	45.58'
L11	S 34°24'17" W	89.02'
L12	S 40°26'16" W	89.65'
L13	S 55°09'31" W	76.69'
L14	N 86°22'50" W	22.62'
L15	N 14°37'56" E	21.46'
L16	S 63°33'22" W	49.64
L17	S 51°05'32" W	44.56'
L18	S 50°29'44" W	47.09'
L19	S 50°48'59" W	32.00'
L20	S 51°04'05" W	103.05'
L21	S 51°04'05" W	36.53'
L22	S 47°34'01" W	100.37'
L23	S 47°34'01" W	74.23

#### CONSTELLATION COURT **CENTERLINE CONTROL POINTS:**

		T
Course	Bearing	Distance
A to B	N 42°22'55" W	288.52
B to C	R= 560.00'	L= 58.23'
	Chd: N 45°21'39" W	58.20
C to D	R= 560.00'	L= 269.53'
	Chd: N 62°07'41" W	266.93
D to E	N 75°54'58" W	507.90'
E to F	R= 390.00'	L= 226.09'
	Chd: S 87°28'33" W	222.94'
F to G	S 19°07'55"E	25.00'

#### STARRY SKY DRIVE **CENTERLINE CONTORL POINTS:**

Course	Bearing	Distance
C to H	S 43°36'08" W	165.51'
H to I	R= 1159.00'	L= 300.26'
	Chd: S 51°01'26" W	299.421
I to J	R= 380.00'	L= 193.13'
	Chd: S 73°00'20" W	191.06'
J to K	R= 1800.00'	L= 189.98'
	Chd: N 89°24'40" W	189.89'
K to L	N 86°23'15" W	420.83
L to M	N 03°36'45"E	25.00'

SUBDIVISION STREETS UNTIL:

A) APPROVED/TAKEN OVER BY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION FOR PUBLIC ROADS, OR

ROAD MAINTENANCE STATEMENT OF UNDERSTANDING

Riparian Buffer Detail

Riparian Buffer shall be measured 50' from

Zone 1: The first 30' measured from the

Zone 2: The outer 20' may be disturbed

permanently vegetated (grass planted) and

landscape areas. (See Neuse River Buffer

(cleared & re-graded) but shall be

may be used as managed yard and

Rules 15A NCAC 02B.0714)

bank shall remain in its undisturbed natural

top of bank. If no bank exists, measurement

Not To Scale

shall be from centerline of flow.

*NOTE:* 

B) APPROVED/TAKEN OVER BY HOMEOWNERS ASSOCIATION FOR PRIVATE ROADS MAINTENANCE, OR

I, CROSSROADS DEVELOPMENT CORPORATION AM RESPONSIBLE FOR THE

CONSTRUCTION, MAINTENANCE AND REQUIRED ROAD IMPROVEMENTS OF ALL

C) PRIVATE ROAD MAINTENANCE AGREEMENT IS SIGNED AND RECORDED BY OWNERS OF EACH LOT.

DEVELOPER OWNER

NOTE: ONLY 75% OF RECORDED LOTS WILL BE PERMITTED FOR CONSTRUCTION UNTIL THE ROADS ARE ACCEPTED BY NCDOT FOR STATE MAINTENANCE. JOHNSTON COUNTY LAND DEVELOPMENT CODE SEC 14-226 (7) b.

Filed in JOHNSTON COUNTY, NC Filed 05/24/2022 09:39:56 AM CRAIG OLIVE, Register of Deeds Dep/Asst ebyrd PLAT B: 96 P: 117

- The NC GRID coordinates were determined from an actual RTK GPS Survey using NC Geodetic Survey's VRS Network. - Horizontal positional accuracy: 0.034 sFT
- Horizontal Datum: NAD 83 (NSRS2011)
- Vertical positional accuracy: 0.08 FT.
- Vertical positions are referenced to NAVD88
- Combined Grid Factor: 0.9998700
- Geoid Model: GEOID12 (conus)
- Units: US Survey Feet (sFT)

## CERTIFICATION FOR WATER SUPPLY AND SEWAGE DISPOSAL SYSTEMS

CERTIFICATE OF PRELIMINARY APPROVAL OF WATER SUPPLY AND SEWAGE DISPOSAL SYSTEMS INSTALLED FOR INSTALLATION IN "AQUILLA BLUFFS" 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

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.

DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS CERTIFICATION

PROPOSED SUBDIVISION ROAD CONSTRUCTION STANDARDS CERTIFICATION

MAY 11, 2022

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.

FINAL PLAT Revisions:

# AQUILLA BLUFFS SUBDIVISION

Surveyed & Mapped For:

Crossroads Development Corporation

12400 NC 50 HWY North, Willow Springs, NC 27592

REFERENCE: Deed Bk. 5749, Pg. 455; Plat Book 83, Pg. 128 ELEVATION TOWNSHIP ~ JOHNSTON COUNTY ~ NORTH CAROLINA

Tract 1 ~ PIN: 161102-77-2699 TAG: 07D06030C <u>Tract 2 ~ PIN: 161102-78-7006 TAG: 07D</u>06030J

NC FIRM C-1898 STREAMLINE LAND SURVEYING, Inc.

870 NC 55 W, Coats, N.C. 27521

Phone: 910-897-7715 DATE: January 2022 SURVEYED BY: REG

COORD. FILE: 191112CR

SHEET 2 OF 2

SCALE: 1' = 100'DRAWN BY: REG DRAWING FILE:

ZONE: AR

E: DATA\1611\191112CR\191112CR\_FNL-PLAT.dwg