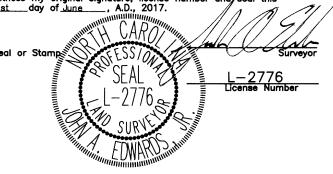
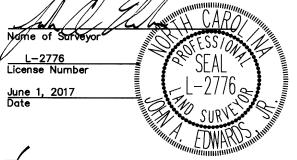
plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book N/A page N/A ,etc.)(other); that the boundaries not surveyed are clearly indicated as drawn from information found in Book N/A, page N/A; that the ratio of precision as calculated is 1: 20.000; that this plat was prepared in accordance with G. S. 47–30 as amended. Witness my original signature, license number and seal this 1st day of June , A.D., 2017.



I, <u>John A. Edwards Jr., P.L.S.</u>, do hereby certify that the location of the subject property has been checked against area maps & information provided by the Federal Emergency Management Agency (F.E.M.A.) for the National Flood Insurance Program and that a portion of the subject property ☐ is ☒ is not located in an area designated as having special flood hazards. Property is located in Zone "X" as defined by F.I.R.M Community Panel Numbers 3720179800K with an effective date of May 2, 2006.



This survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels;

 $\hfill \square$ This survey is located in a portion of a county or municipality that is unregulated as to an ordinance that regulates parcels of land;

This survey is of an existing parcel or parcels of land;

This survey is of another category, such as the recombination of existing parcels, a court-ordered survey, or other exception to the definition of

JOHN A. EDWARDS, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS SED TO PERFORM THE SURVEY

CLASS OF SURVEY: CLASS A

(2) POSITIONAL ACCURACY: H: 0.05 US SURVEY FEET

(3) TYPE OF GPS/FIELD PROCEDURE: REAL TIME KINEMATICS NETWORK (VRS)

(4) DATE OF SURVEY: 1-5-2017

5) VERTICAL DATUM: NAVD 88 HORIZONTAL DATUM: NAD 83(2011) NC GRID EPOCH: 2010.00 (6) PUBLISHED/FIXED CONTROL USE: NAME: RALEIGH DOT CORS ARP

LAT: 35° 45' 49.50795 LONG: 78° 34' 44.39448

PID: DG4687 CORS ID: NCRD

7) GEOID MODEL: GEOID12B

(8) COMBINED GRID FACTOR: 0.99990429

(9) UNITS: US SURVEY FEET

CERTIFICATE OF ACCURACY: I hereby certify that the plan shown and described here a true and correct survey of the accuracy required by Planning and Zoning Board and that the monuments been placed as shown hereon, in accordance with requirements of the Subdivision Regulations. June 01, 2017

SURVEYOR'S NOTES

ALL DISTANCES ARE HORIZONTAL GROUND.

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

ALL AREAS COMPUTED USING COORDINATES FROM MEASURED FIELD DATA.

THE HORIZONTAL DATUM IS NAD 83(2011), AND VERTICAL DATUM IS NAVD 88 ALL RECORDED DOCUMENTS ARE REFERENCED TO THE WAKE COUNTY, NORTH CAROLINA REGISTRY OF DEEDS.

THE SITE WAS LOCALIZED UTILIZING REAL-TIME KINEMATICS (RTK) GLOBAL POSITIONING SYSTEM (GPS) SOLUTIONS REFERENCING THE CONTINUOUSLY OPERATING REFERENCE STATION (CORS) NETWORK BASE STATION NCRD, RALEIGH, NC.

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND MAY BE SUBJECT TO ANY MATTERS THAT A FULL TITLE SEARCH WOULD DISCLOSE.

NO MONUMENT FOUND WITHIN 2000' OF SUBJECT PROPERTY

WATER WILL BE PROVIDED TO LOTS BY INDIVIDUAL WELLS.

EACH LOT IS TO HAVE INDIVIDUAL SEPTIC SYSTEM. 11. NO C.O. WILL BE ISSUED UNTIL THE WATER AND/OR SEWER SYSTEM IS OPERATIONAL AND CERTIFIED BY AN

12. THERE SHALL BE NO FILLING OR THE ERECTION OF PERMANENT STRUCTURES IN THE AREAS OF WAKE COUNTY FLOOD HAZARD SOILS OR FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) 100 YEAR FLOOD

ZONES UNTIL A FLOOD STUDY IS APPROVED BY WAKE COUNTY AND/OR FEMA" [14-14-1,2(A-H)] BEFORE ACQUIRING A BUILDING PERMIT FOR LOTS MARKED BY AN * (ASTERISK) THE BUILDER MAY NEED TO OBTAIN A FLOOD HAZARD AREA USE PERMIT FROM THE WAKE COUNTY ENVIRONMENTAL SERVICES. THE BUILDERS ENGINEER, ARCHITECT AND/OR SURVEYOR (AS APPROPRIATE) MUST CERTIFY ON ANY PERMIT THAT ALL FLOOD HAZARD REQUIREMENTS ARE MET." [14-14-1,2(A-H)]

OPEN SPACE WILL BE CONVEYED TO THE HOA, HOA WILL BE RESPONSIBLE FOR THE MAINTENANCE OF THE OPEN SPACE.

ONLY NCDOT APPROVED STRUCTURES CAN BE PLACED WITHIN THE RIGHT-OF-WAY.

ALL LOTS MUST BE SERVED INTERNALLY (IF APPLICABLE).

SIGHT DISTANCE TRIANGLES TAKE PRECEDENCE OVER ALL OTHER EASEMENTS. MAINTENANCE OF THE PUBLIC DRAINAGE EASEMENT IS THE RESPONSIBILITY OF THE UNDERLYING PROPERTY OWNER(S). THE EASEMENT ALLOWS THE NCDOT THE RIGHT TO ACCESS THE DRAINAGE EASEMENT AND PERFORM WORK IT DEEMS NECESSARY OR PRUDENT TO ALLEVIATE ANY ISSUES JEOPARDIZING THE INTEGRITY OF THE ROADWAY. IT IS THE RESPONSIBILITY OF THE UNDERLYING PROPERTY OWNER(S) TO MAINTAIN THE EASEMENT TO ALLOW POSITIVE CONVEYANCE OF STORM WATER.

PROPERTY FRONTAGE SHALL NOT BE PIPED WITHOUT AN APPROVED ENCROACHMENT FROM NCDOT

WETLANDS DELINEATION PROVIDED BY TIMMONS GROUP, INC DATED 9/30/15

AT THE TIME OF RECORDATION, THE ROADS IDENTIFIED AS PUBLIC WERE BUILT TO PUBLIC ROAD STANDARDS PER NCDOT. ROADS IDENTIFIED AS PRIVATE WERE CERTIFIED AS COMPLETE BY THE SURVEYOR/ENGINEER OF THIS DEVELOPMENT. IN EACH CASE, WAKE COUNTY MAINTAINS NO RESPONSIBILITY FOR MAINTÉNANCE OF THE

22. APPROVAL AND A TREE SURVEY IS REQUIRED PROIR TO ANY ACTIVITY AND/OR CONSTRUCTION IN THE TREE AND VEGETATION ZONE.

23. EASEMENTS FOR STORM DRAINAGE SHOWN ON PLAT ARE NOT MADE TO WAKE COUNTY BUT ARE IRREVOCABLY MADE TO THE SUBSEQUENT OWNERS OF ANY AND ALL OF THE PROPERTIES SHOWN HEREON FOR THEIR USE AND BENEFIT PUBLIC ACCEPTANCE.

24. IT SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS TO MAINTAIN THE DRAINAGE EASEMENTS AND ANY DRAINAGE STRUCTURES THEREIN, SO AS TO MAINTAIN THE INTEGRITY OF THE DRAINAGE SYSTEM AND ENSURE POSITIVE DRAINAGE.

25. EASEMENTS MAY NOT BE PIPED WITHOUT THE APPROVAL FROM WAKE COUNTY

A PERFORMANCE GUARANTEE IS IN PLACE FOR THIS DEVELOPMENT PHASE TO ENSURE ALL REQUIRED STORMWATER IMPROVEMENTS ARE INSTALLED IN ACCORDANCE WITH APPROVED CONSTRUCTION PLANS AND SUBDIVISION PLATS. THIS PERFORMANCE GUARANTEE WILL NOT BE RELEASED UNTIL AN AS BUILT SURVEY HAS BEEN ACCEPTED AND THE REQUIRED IMPROVEMENTS ARE CERTIFIED AS INSTALLED IN ACCORDANCE WITH THE APPROVED PRELIMINARY AND CONSTRUCTION PLANS BY THE APPROPRIATE PUBLIC AGENCY

AS SUBDIVIDER/OWNER, I,

JESSE SATTERWHITE, JR. OWNER/PRESIDENT SATTERWHITE CONSTRUCTION INC., 5933 FARMWELL ROAD, RALEIGH, NC 27610 PHONE # 919-266-0033

AM RESPONSIBLE FOR PROVIDING EACH PROSPECTIVE BUYER OF ANY LOT ON THIS SET OF MAPS WRITTEN DISCLOSURES OF THE FOLLOWING: MAINTAINING REQUIRED IMPROVEMENTS TO THE STANDARDS OF THIS ORDINANCE UNTIL SUCH TIME AS A HOMEOWNER ASSOCIATION, PROPERTY OWNERS ASSOCIATION, LOT OWNER OR OTHER LEGAL ENTITY ASSUMES FORMAL, LEGAL RESPONSIBILITY FOR MAINTENANCE OF THE STORMWATER IMPROVEMENTS

SIGNATURE

AS SUBDIVIDER/OWNER, I,

JESSE SATTERWHITE, JR. OWNER/PRESIDENT SATTERWHITE CONSTRUCTION INC., 5933 FARMWELL ROAD, RALEIGH, NC 27610 PHONE # 919-266-0033

AM RESPONSIBLE FOR MAINTAINING REQUIRED IMPROVEMENTS INCLUDING RIGHTS-OF-WAY, TO THE STANDARDS OF THIS ORDINANCE UNTIL SUCH TIME AS A UNIT OF GOVERNMENT, PUBLIC OR PRIVATE UTILITY, HOMEOWNER ASSOCIATION, PROPERTY OWNERS ASSOCIATION, LOT OWNER OR OTHER LEGAL ENTITY ASSUMES FORMAL, RESPONSIBILITY FOR MAINTENANCE OF THE IMPROVEMENTS.

SIGNATURE

WAKE COUNTY, NORTH CAROLINA

I certify that I am (we are) the owner(s) or the property shown and described hereon, which is in the subdivision jurisdiction of the County of Wake and that I (we) hereby adopt this plat with my

(our) free_consent

HOPKINS TRACE SUBDIVISION PHASE 2

ZEBULON, N.C. 27597 OWNER: CLIFTON EDWARD BLACKLEY 4500 LAID BACK LANE ZEBULON, NC 27597

WAKE COUNTY HEREBY ACCEPTS, FOR THE USE AND BENEFIT OF THE GENERAL PUBLIC, THE RIGHTS-OF-WAY EASEMENTS, OPEN SPACES, AND RECREATION AREAS SHOWN OR OTHERWISE PROVIDED FOR ON THIS PLAT AS DEDICATED FOR PUBLIC ROADS, PUBLIC UTILITIES, PUBLIC RECREATION FACILITIES, AND OTHER PUBLIC IMPROVEMENTS. THIS ACCEPTANCE DOES NOT INCLUDE THE COUNTY'S ACCEPTANCE OF ANY RESPONSIBILITY TO CONSTRUCT, INSTALL, OR MAINTAIN THE ROADWAY, UTILITY LINE, RECREATION FACILITY, OR OTHER PUBLIC IMPROVEMENT INTENDED TO BE CONSTRUCTED OR INSTALLED WITHIN THE RIGHT-OF-WAY, EASEMENT, OPEN SPACE, OR RECREATION AREA.

6-21-2017

ada Cook PLANNING DIRECTOR/REVIEW OFFICER

WAKE COUNTY CERTIFICATION

Adan Cook PLANNING DIRECTOR AND REVIEW OFFICER OF WAKE COUNTY, CERTIFY THAT THIS PLAT CREATES A SUBDIVISION SUBJECT TO AND IN ACCORD WITH THE WAKE COUNTY UNIFIED DEVELOPMENT ORDINANCE, AND THAT IT MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING

adm Cook PLANNING DIRECTOR/REVIEW OFFICER

APPROVAL EXPIRES IF NOT RECORDED ON OR BEFORE 7-5-2017

IMPERVIOUS SURFACE COVERAGE

PUBLIC ROADS: 58,575 SF/1.345 AC LOTS 16-39(MIA=3,900) 93,600 SF/2.149 AC

OPEN SPACE 40 2,500 SF/0.057 AC

TOTAL: 154,675 SF/3.55 AC

Management of the Wake County Unified Development Ordinance and meets all statutory requirements for recording in the Register of Deeds office. 6/19/17 Date

IMPERVIOUS SURFACE IS LIMITED TO 3,900 SF ON EACH BUILDABLE LOT, 2,500 SF ON OPEN SPACE LOT. IMPERVIOUS SURFACE LIMITS WILL BE ENFORCED WITHOUT EXCEPTION INTO PERPETUITY.

STORMWATER BMPS TO BE MAINTAINED BY

Hebra Janner

Stormwater Management

STORMWATER MANAGEMENT CERTIFICATION

North Carolina

Signature: Tracy Rainah

DATE: UNE O

l cartify that the following person(s) personally appeared before me this day, each

certify that the following person(s) personally appeared before me this day, eac

l certify that the following person(s) personally appeared before me this day, each

acknowledging to me that he or she voluntarily signed the foregoing document for the

COTAR LOS

purpose stated therein and in the capacity indicated: CLIFTON EDWARD BLACKLEY

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED SUBDIVISION ROAD

DESIGN STANDARDS CERTIFICATION

acknowledging to me that he or she voluntarily signed the foregoing document for t

STORMWATER AGREEMENT RECORDED IN DB MAXIMUM IMPERVIOUS AREA SQUARE FOOTAGE ON EACH INDIVIDUAL LOT WILL BE STRINGENTLY ENFORCED WITH NO EXCEPTIONS INTO PERPETUITY. PLANS APPROVED WITH A MAXIMUM IMPERVIOUS SURFACE OF 3,900 S.F. PER BUILDABLE LOT, & 2,500 S.F. FOR THE OPEN SPACE LOT 40

RECORDED IN BOOK OF MAPS 2017 PAGE

WAKE COUNTY REGISTRY

S-008-15

WAKE COUNTY, NC 140 CHARLES P. GILLIAM REGISTER OF DEEDS PRESENTED & RECORDED ON 06/21/2017 16:16:06 BOOK:BM2017 PAGE:01224

6/01/17 **COUNTY COMMENT REVISIONS** ZCS DATE **REVISION**



JOHN A. EDWARDS & COMPANY

Consulting Engineers NC License F-0289 333 Wade Ave., Raleigh, N.C. 27605 Phone: (919) 828-4428

FILE NO: Fax: (919) 828-4711 E-mail: info@jaeco.com

NO SCALE 4-12-2017 FLD. BK. & PAGE DRAWN BY ZCS

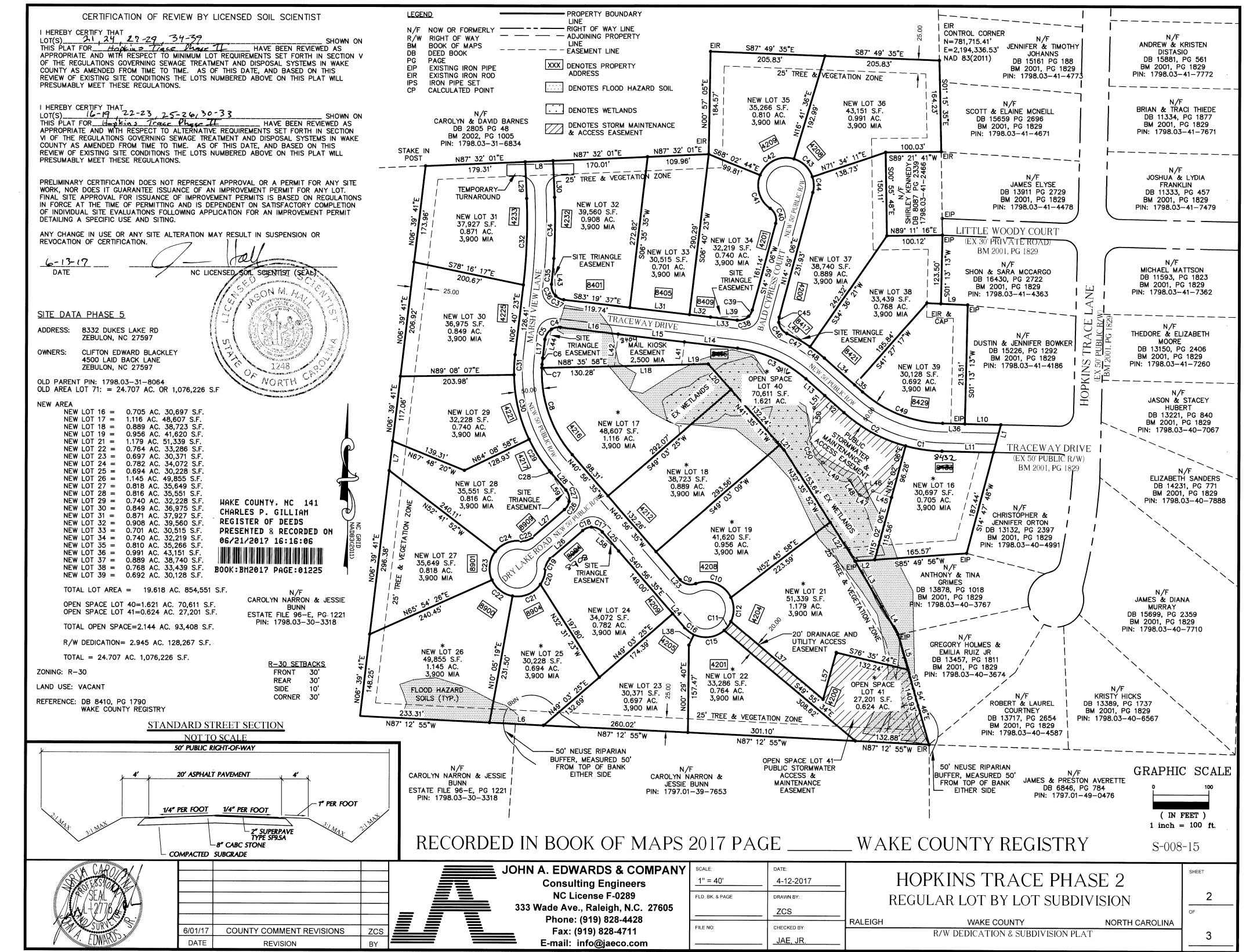
CHECKED BY:

JAE, JR.

HOPKINS TRACE PHASE 2 REGULAR LOT BY LOT SUBDIVISION

RALEIGH WAKE COUNTY NORTH CAROLINA R/W DEDICATION & SUBDIVISION PLAT

3



CURVE TABLE							
CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING		
C1	66.31'	275.00'	013*48'53"	66.15	S81*52'20.34"E		
C2	126.80'	275.00'	026*25'11"	125.68'	S61*45'18.47"E		
С3	136.59'	225.00'	034*46'54"	134.50'	N65*56'09.96"W		
C4	16.61'	25.00'	038'04'07"	16.31'	S77*38'19.65"W		
C5	22.66	25.00'	051*55'53"	21.89'	S32*38'19.65"W		
C6	11.65'	225.00'	002*58'03"	11.65'	S0511'21.91"W		
C7	5.98'	225.00'	001°31′21″	5.98'	S02*56'39.80"W		
C8	169.36'	225.00'	043°07'34"	165.39	S19*22'47.77"E		
C9	30.77	25.00'	070'31'44"	28.87	S76°12'26.41"E		
C10	74.72'	50.00'	085'37'37"	67.96	N68°39'29.51"W		
C11	20.16'	50.00'	023'06'08"	20.02	N3715'01.95"E		
C12	44.98'	50.00'	051*32'39"	43.48'	N00°04'21.54"W		
C15	58.00'	50.00'	066*27'37"	54.80'	N82*01'54.64"E		
C16	20.77	50.00'	023*47'42"	20.62	S52*50'25.74"E		
C17	22.16'	25.00'	050'47'23"	21.44'	N66*20'16.31"W		
C18	17.11	25.00'	03912'37"	16.78'	S68°39'43.69"W		
C19	21.03'	25.00'	04811'23"	20.41'	S24°57'43.96"W		
C20	29.11	50.00'	033*21'42"	28.70'	N17*32'53.47"E		
C21	57.47	50.00'	065*51'34"	54.36'	N67°09'31.50"E		
C22	48.71'	50.00'	055*49'07"	46.81	S52*00'07.89"E		
C23	53.58'	50.00'	061*23'42"	51.05'	S06°36'16.67"W		
C24	52.31'	50.00'	059*56'41"	49.96'	S67*16'27.98"W		
C25	21.03'	25.00'	048*11'23"	20.41′	N73°09'06.82"E		
C26	17.11'	25.00'	03912'37"	16.78'	N29°27'07.09"E		
C27	22.16'	25.00'	050°47'23"	21.44'	N15°32'52.91"W		
C28	4.78'	275.00'	000.59,43"	4.78'	S40°26'43.24"E		
C29	67.66'	275.00'	014*05'50"	67.49'	S32°53'56.75"E		
C30	119.92'	275.00'	024*59'09"	118.98'	S13°21'27.11"E		
C31	36.18'	275.00'	007'32'16"	36.15'	S02*54'15.34"W		
C32	155.75'	975.00'	009*09'10"	155.59'	N02°05'48.28"E		
C34 C35	110.02'	1025.00'	006*09'01"	109.97'	N00°35'43.59"E N04°58'26.94"E		
C36	46.64'	1025.00'	002°36'26" 052°33'17"	46.64' 22.14'	S19*59'58.31"E		
C37	22.93' 16.17'	25.00' 25.00'	037*03'00"	15.89'	S64°48'06.67"E		
C38	22.43'	25.00		21.69	N70°57′57.42″E		
C39	13.21'	25.00	051°24'52" 030°16'25"	13.06'	N30°07'18.83"E		
C40	30.77'	25.00	070°31′44″	28.87'	N20°16'45.70"W		
C40	67.63'	50.00'	070'31'44'	62.59'	S16°47'40.69"E		
C42	73.95'	50.00	084*44'20"	67.39	S64*19'25.93"W		
C43	47.92'	50.00	054*54'46"	46.11	N45*51'01.19"W		
C44	29.13'	50.00	033*22'45"	28.72'	N01°42'15.48"W		
C45	9.31'	25.00'	021*19'41"	9.25'	S04*19'15.45"W		
C46	25.78'	25.00'	059*04'40"	24.65	S35*52'55.23"E		
C47	48.13'	275.00°	010*01'37"	48.06'	N60°24'26.96"W		
C48	32.87	275.00	006*50'55"	32.85'	N51*58'10.93"W		
C49	158.00'	225.00'	04014'04"	154.77'	S68'39'45.07"E		
C50	45.99'	47.72'	055"12'48"	44.23'	S29°00'48.33"E		
	,0.00	17.72	300 12 40	1 1.20	320 00 TO.00 L		

LINE TABLE				
LINE #	LENGTH	DIRECTION		
L1	51.44'	S14°47'48.06"W		
L2	35.56'	S85*49'56.06"W		
L3	95.08'	S30*31'27.94"E		
L4	57.46'	S30°31'27.94"E		
L5	65.47	S15*54'46.47"E		
L6	96.88'	N87°12'55.17"W		
L7	53.32'	N06'39'40.80"E		
L8	50.00'	N87*32'01.08"E		
L9	48.06'	S87 * 36'04.94 " E		
L10	64.80'	S88'46'46.94"E		
L11	92.59'	S88*46'46.94"E		
L12	46.22'	S48 ' 32'43.19"E		
L13	45.43'	S48'32'43.19"E		
L14	96.18'	S8319'36.72"E		
L15	120.00'	S83"19'36.72"E		
L16	104.68'	S83*19'36.72"E		
L17	33.65'	N06*40'23.28"E		
L18	121.20'	N88*35'58.36"E		
L19	47.55	N88*35'58.36"E		
L20	61.75'	N41*35 ' 11.27 " W		
L21	12.48'	N41°35'11.27"W		
L22	83.03	N32*35'51.74"W		
L23	66.28	N40°56'34.61"W		
L24	33.04'	S40*56'34.61"E		
L25	45.00'	S40°56'34.61"E		
L26	77.32'	N49°03'25.39"E		
L27	77.32'	N49°03'25.39"E		
L28	40.51	N40 ʻ 56'34.61"W		
L29	65.87'	N02*28'46.72"W		
L30	65.86'	N02*28'46.72"W		

LINE TABLE						
LINE #	LENGTH	DIRECTION				
L31	108.18'	S8319'36.72"E				
L32	37.88'	S8319'36.72"E				
L33	48.39'	S83*19'36.72"E				
L34	72.61'	S48*32'43.19"E				
L35	19.03'	S48*32'43.19"E				
L36	39.86'	S88*46'46.94"E				
L37	216.81	S49*55'34.46"E				
L38	20.99'	N25°15'43.12"E				
L39	68.58'	S88*47'16.93"W				
L40	71.23'	N52*08'53.11"W				
L41	40.95'	N06°40'23.28"E				
L42	57.97'	N06*40'23.28"E				
L43	67.36'	S03*00'05.18"E				
L44	65.64'	S14*48'11.65"W				
L45	35.80'	N71°03'38.93"W				
L46	16.76'	S33°42'09.10"W				
L47	15.36'	N65*57'07.49"W				
L48	32.21'	N33°14'44.89"W				
L49	58.33'	N56°37'12.48"W				
L50	59.65'	N05*00'23.09"E				
L51	29.34'	N41*27'16.81"E				
L57	87.92'	N15*33'23.74"E				
L58	65.02'	S49*04'22.98"E				
L59	65.32'	N32*48'46.24"W				

WAKE COUNTY, NC 142 CHARLES P. GILLIAM REGISTER OF DEEDS PRESENTED & RECORDED ON 06/21/2017 16:16:06 BOOK:BM2017 PAGE:01226

RECORDED IN BOOK OF MAPS 2017 PAGE _____ WAKE COUNTY REGISTRY

Consulting Engineers NC License F-0289

Phone: (919) 828-4428

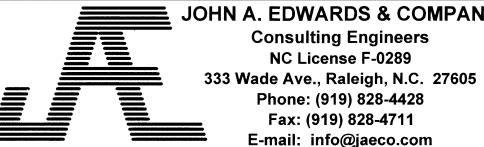
Fax: (919) 828-4711

E-mail: info@jaeco.com

S-008-15

3

COUNTY COMMENT REVISIONS REVISION



JOHN A. EDWARDS & COMPANY SCALE:

4-12-2017 NO SCALE FLD. BK. & PAGE DRAWN BY: zcs FILE NO: CHECKED BY: JAE, JR.

HOPKINS TRACE PHASE 2	
REGULAR LOT BY LOT SUBDIVISION	V

RALEIGH

WAKE COUNTY NORTH CAROLINA R/W DEDICATION & SUBDIVISION PLAT

BM 2017 Page 1226