



**JOINT RESOLUTION REFERENCE**  
 PURSUANT TO N.C. GENERAL STATUTE 153A-18A ADOPTED BY AND RECORDED IN THE MINUTES OF THE COUNTY BOARD OF COMMISSIONERS

FORSYTH COUNTY BOARD OF COMMISSIONERS MINUTES DATE \_\_\_\_\_

GUILFORD COUNTY BOARD OF COMMISSIONERS MINUTES DATE \_\_\_\_\_

STATE OF NORTH CAROLINA COUNTY OF FORSYTH

STATE OF NORTH CAROLINA COUNTY OF GUILFORD

I, \_\_\_\_\_ REVIEW OFFICER OF COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

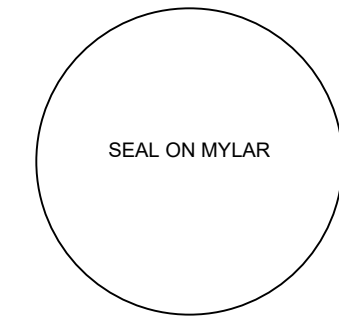
I, \_\_\_\_\_ REVIEW OFFICER OF COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

REVIEW OFFICER DATE

REVIEW OFFICER DATE

I, DAVID J. FERRARO, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK \_\_\_\_\_, PAGE \_\_\_\_\_, ETC.) (OTHER); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK \_\_\_\_\_, PAGE \_\_\_\_\_; THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY AS CALCULATED IS 1:10,000; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED; WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS \_\_\_\_\_ DAY OF JUNE, A.D. 2024.

DAVID J. FERRARO F.L.S. 5339 DATE \_\_\_\_\_  
 LICENSE NUMBER 5339

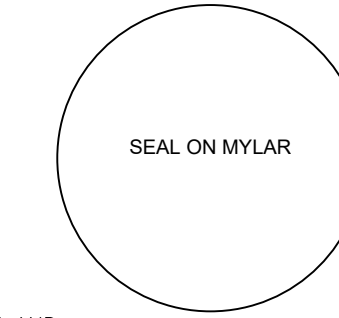


I, DAVID J. FERRARO, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY PERFORMED UNDER MY SUPERVISION, AND WAS REQUESTED BY FORSYTH AND GUILFORD COUNTIES UNDER THE RULES OF NORTH CAROLINA GENERAL STATUTE 153-18(A). THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000 THAT THE GLOBAL POSITIONING SYSTEM (GPS) SURVEY AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE GPS (GNSS IF DUAL CONSTELLATIONS ARE USED) SURVEY:

CLASS OF SURVEY: URBAN LAND SURVEY (CLASS A)  
 POSITIONAL ACCURACY: 0.07 AT 95% CONFIDENCE LEVEL  
 TYPE OF GPS FIELD PROCEDURE: REAL TIME KINEMATIC NETWORK  
 DATES OF SURVEY: MAY-JUNE 2024  
 DATUM/EPOCH: NORTH AMERICAN DATUM OF 1983(2011)  
 PUBLISHED/FIXED-CONTROL USE: NC REAL-TIME NETWORK  
 MACY (AH6004), SKEET (P1.D.AH6008)

GEOID MODEL: GEOID 18  
 COMBINED GRID FACTOR(S): SEE DETAILS  
 UNITS: US SURVEY FEET  
 THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED THAT THIS PLAT MEETS THE REQUIREMENT OF G.S. 47-30 SECTION F-11-C-3 THAT THE SURVEY IS A CONTROL SURVEY, FOR THE PURPOSES OF THIS SUBSECTION, A "CONTROL SURVEY" IS A SURVEY THAT PROVIDES HORIZONTAL OR VERTICAL POSITION DATA FOR SUPPORT OR CONTROL OF OTHER SURVEYS OR FOR MAPPING. A CONTROL SURVEY, BY ITSELF, CANNOT BE USED TO DEFINE OR CONVEY RIGHTS OR OWNERSHIP.

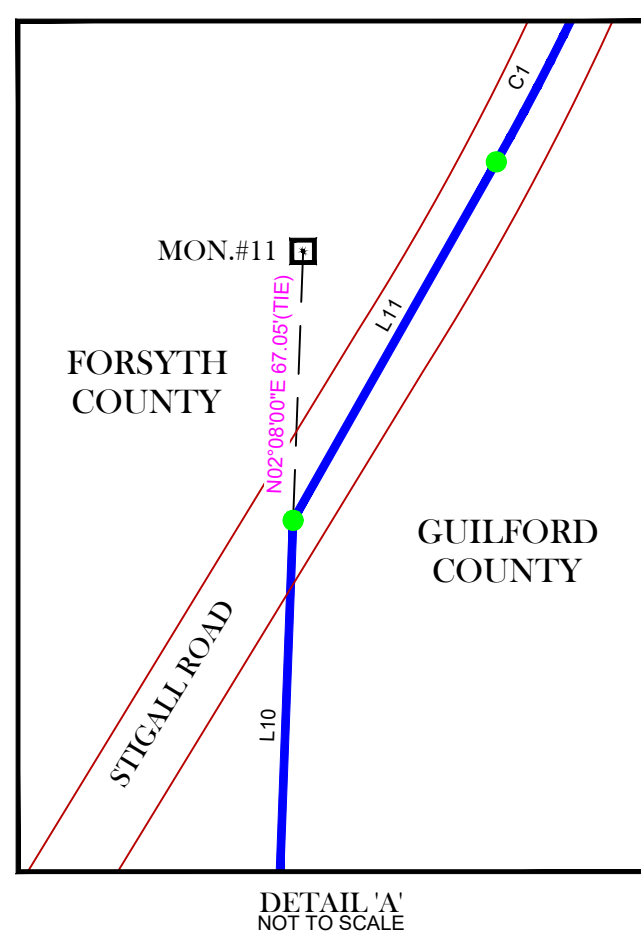
WITNESS MY ORIGINAL SIGNATURE AND SEAL THIS THE \_\_\_\_\_ DAY OF JUNE 2024



DAVID J. FERRARO P.L.S. 5339 DATE \_\_\_\_\_

- ALL DISTANCES SHOWN ARE GRID DISTANCES AND ARE IN U.S. SURVEY FEET AND DECIMALS THEREOF, UNLESS OTHERWISE NOTED.
- THIS SURVEY IS BASED ON A PREVIOUS COUNTY BOUNDARY SURVEY RESOLUTIONS FROM 1960 WITH REVISIONS IN 1964. THOSE RESOLUTIONS WERE UNDER THE RULES OF NORTH CAROLINA GENERAL STATUTE 193-11. AFTER 1973 COUNTY BOUNDARY RESURVEYS WENT UNDER THE RULES OF NORTH CAROLINA STATUTE 153-18.
- ALL COORDINATES SHOWN ARE NORTH CAROLINA (N.C.) STATE PLANE COORDINATES AS BASED ON THE NORTH AMERICAN DATUM OF 1983(2011) AND ARE IN U.S. SURVEY FEET, UNLESS OTHERWISE NOTED.
- THIS COUNTY BOUNDARY SURVEY WAS PERFORMED UNDER THE RULES OF NORTH CAROLINA STATUTE 153-18(A) AT THE REQUEST OF FORSYTH AND GUILFORD COUNTIES AS STATED IN RESOLUTIONS SIGNED BY THE BOARD OF COMMISSIONERS OF FORSYTH COUNTY ON FEBRUARY 1, 2024, AND BY THE BOARD OF COMMISSIONERS OF GUILFORD COUNTY ON FEBRUARY 15, 2024.
- THIS SURVEY WAS PERFORMED WITH THE USE OF GLOBAL NAVIGATIONAL SATELLITE SYSTEM (GNSS) EQUIPMENT. THE BEARINGS AND DISTANCES WERE ESTABLISHED BY INVERSE BETWEEN THE COORDINATES AS SURVEYED BY THE AFOREMENTIONED EQUIPMENT.
- THIS SURVEY DOES NOT ESTABLISH THE NORTHERN TERMINUS OF FORSYTH OR GUILFORD COUNTY.
- TOTAL DISTANCE OF BOUNDARY LINE SURVEYED: 90,396.02 FEET OR 17.1 MILES.

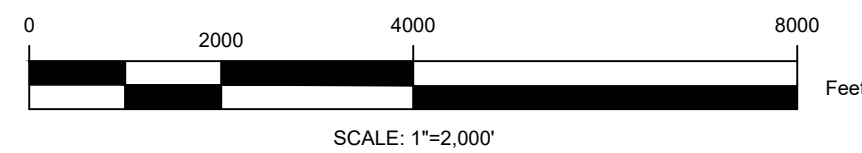
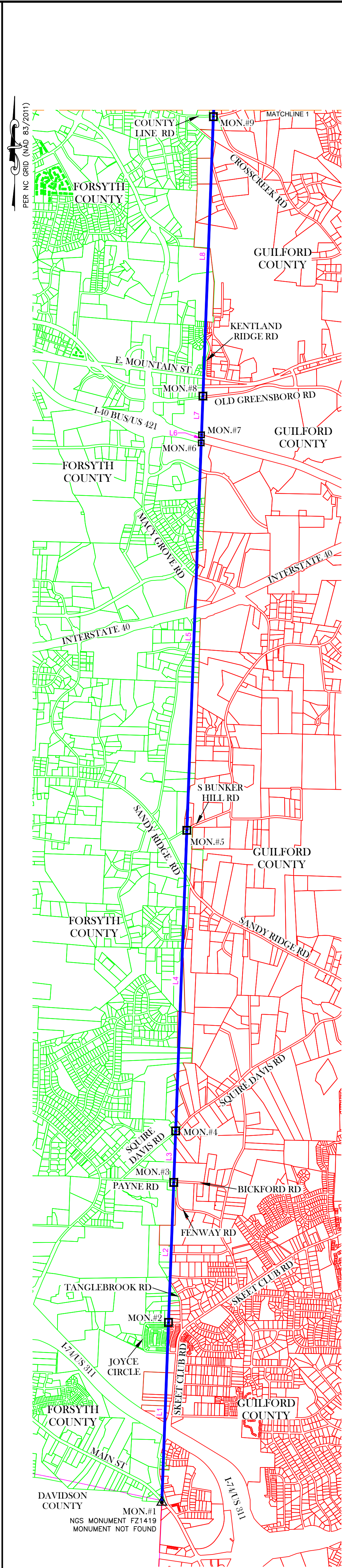
MONUMENT IDENTIFIER	NORTHING (N)(±ft)	EASTING (E)(±ft)	CGF	DESCRIPTION
MON 1	824,380.35	1,691,448.03		NGS PD FZ1419
MON 2	830,212.34	1,691,665.27	0.99992424	EP IN CONCRETE
MON 3	834,750.29	1,691,835.11	0.99992731	EP IN CONCRETE
MON 4	836,419.65	1,691,897.26	0.99992767	EP IN CONCRETE
MON 5	846,162.36	1,692,260.02	0.99993485	EP IN CONCRETE
MON 6	858,720.13	1,692,727.27	0.99994354	EP IN CONCRETE
MON 7	858,980.74	1,692,736.85	0.99993555	EP IN CONCRETE
MON 8	860,236.92	1,692,781.33	0.99998445	EP IN CONCRETE
MON 9	869,293.05	1,693,120.83	0.99999105	EP IN CONCRETE
MON 10	875,036.84	1,693,335.58	0.99999534	EP IN CONCRETE
MON 11	878,580.92	1,693,467.59	0.9999435	EP IN CONCRETE
MON 12	909,060.46	1,694,608.56	0.99998411	EP IN CONCRETE
MON 13	913,167.86	1,694,765.01	0.99999014	NAIL AT BASE OF EP IN CONC.
MON 14	913,230.84	1,694,767.40	0.99999003	NAIL AT BASE OF EP IN CONC.
MON 15	914,626.63	1,694,819.95	0.99999685	BEECH TREE STUMP



**LEGEND**

- RESURVEY OF THE FORSYTH-GUILFORD COUNTY BOUNDARY LINE
- NGS/DOT COUNTY LINE SHAPEFILE
- GUILFORD COUNTY GIS PARCEL LINES
- FORSYTH COUNTY GIS PARCEL LINES
- NORTH CAROLINA GEODETIC SURVEY
- NGS
- NATIONAL GEODETIC SURVEY
- NAD
- EXISTING IRON PIPE
- EIP
- US SURVEY FOOT
- sFT
- PERMANENT IDENTIFIER
- PID
- NGS MONUMENTS
- EP IN CONCRETE
- EIP
- TREE STUMP
- CALCULATED POINT

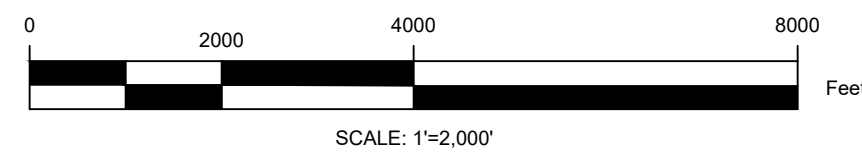
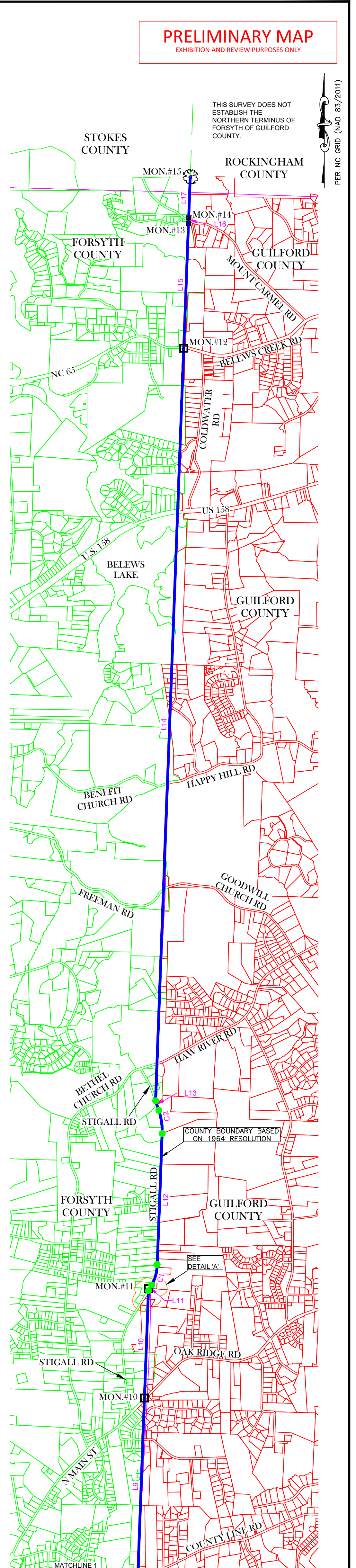
**PRELIMINARY MAP**  
 EXHIBITION AND REVIEW PURPOSES ONLY



LINE #	DIRECTION	LENGTH(±ft)
L1	N02°08'00"E	5836.03'
L2	N02°08'36"E	4541.13'
L3	N02°07'56"E	1670.51'
L4	N02°07'56"E	9749.46'
L5	N02°07'51"E	12566.45'
L6	N02°06'16"E	260.79'
L7	N02°01'41"E	1256.97'
L8	N02°08'49"E	9062.49'

LINE #	DIRECTION	LENGTH(±ft)
L9	N02°08'28"E	5747.81'
L10	N02°08'00"E	3479.48'
L11	N29°32'30"E	214.59'
L12	N02°09'33"E	4287.80'
L13	N18°37'43"W	330.13'
L14	N02°08'38"E	24,405.54'
L15	N02°10'53"E	4110.38'
L16	N02°10'23"E	63.13'
L17	N02°09'23"E	1396.67'

CURVE #	DELTA	RADIUS (±ft)	LENGTH (±ft)	TANGENT (±ft)	CHORD BEARING	CHORD DISTANCE (±ft)
C1	27°22'57"	1370.00'	654.74'	333.75'	N15°10'2"E	648.53'
C2	20°47'17"	2100.00'	781.92'	385.19'	N08°14'05"W	757.75'



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NORTH CAROLINA GEODETIC SURVEY  
 Department of Public Safety  
 Division of Emergency Management



PRELIMINARY PLAT OF THE RESURVEY OF THE  
**FORSYTH COUNTY AND GUILFORD COUNTY BOUNDARY LINE**

STATE OF NORTH CAROLINA

DRAWN BY: DJF CHECK BY: GWT  
 DATE: 7/16/2024 REV DATE: SCALE: 1"=2,000'

200 PARK OFFICES DR., SUITE 100,  
 DURHAM, NORTH CAROLINA 27709 (919) 733-3836

SHEET 1 OF 1