



P170347_CHANDLERS RIDGE

CHANDLERS RIDGE WATERSHED DELINEATION

SUBMITTAL TYPE: 05.05.21

410 W. YOUNG ST.
ROLESVILLE, NC
WAKE COUNTY

SHEET LIST	
SHEET NUMBER	SHEET TITLE
C000	COVER
SHEET 1	PREVIOUS CONDITIONS
SHEET 2	SURVEYED CONDITIONS



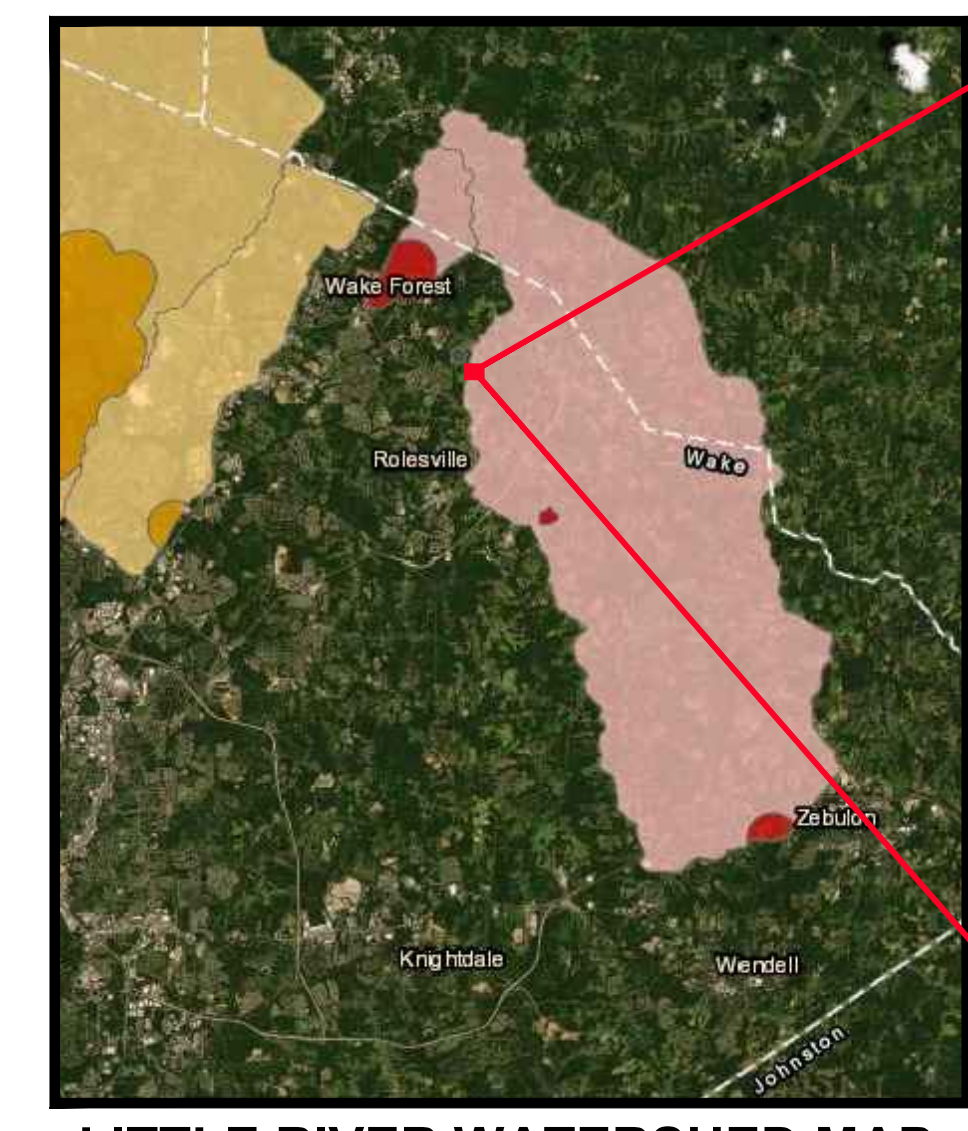
VICINITY MAP
SCALE: NTS



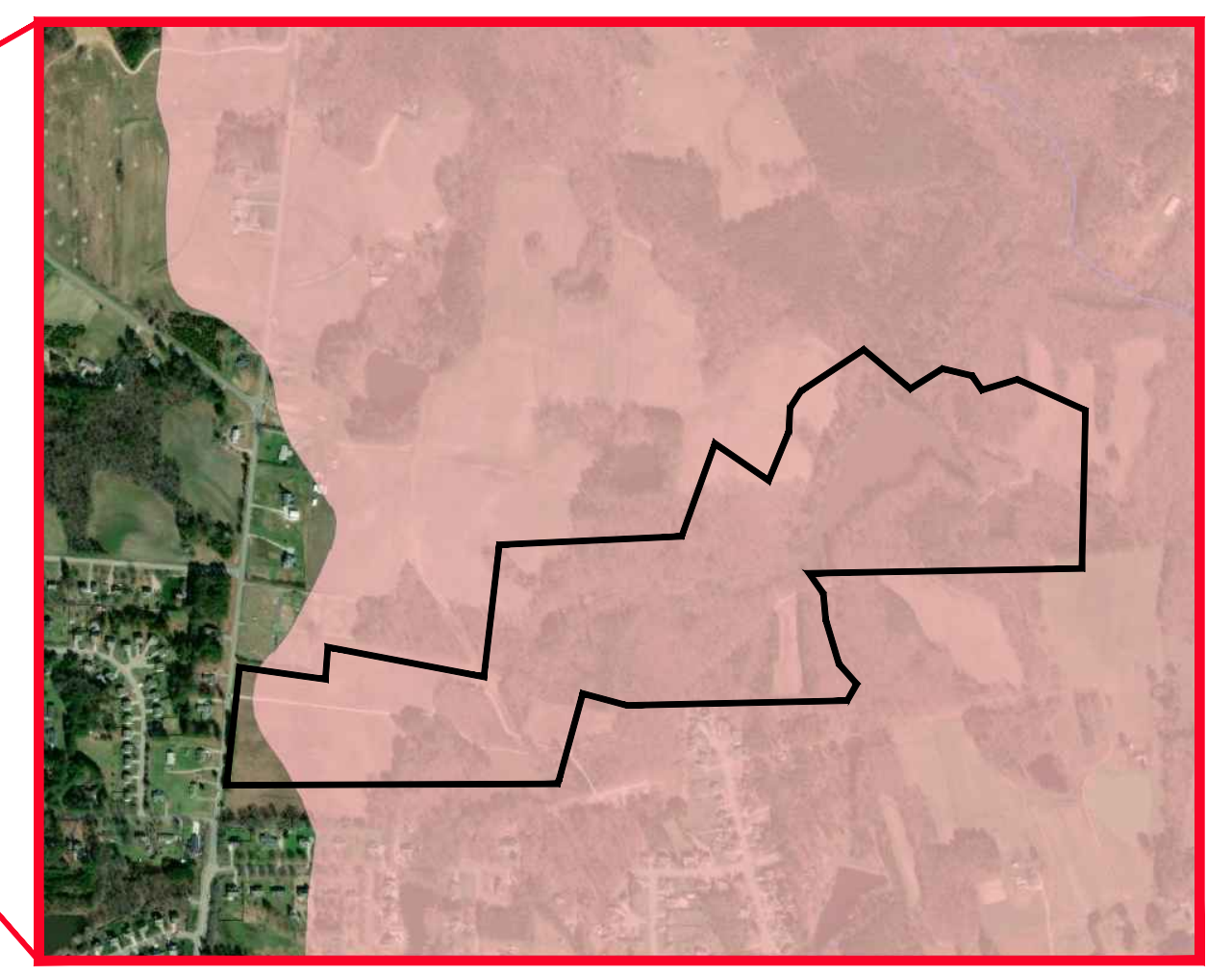
ZONING MAP
SCALE: NTS



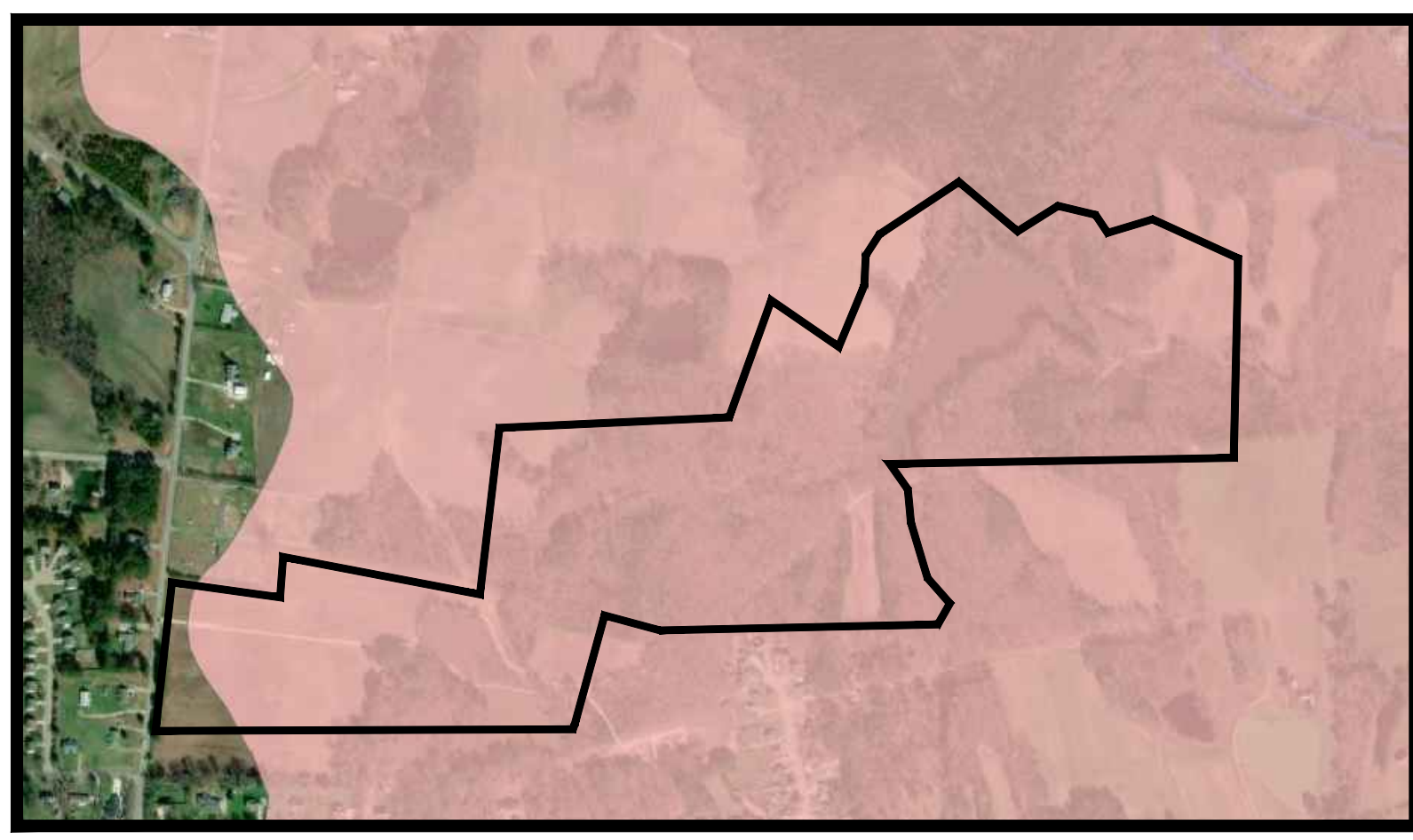
PROJECT PLAN
SCALE: 1" = 150'



LITTLE RIVER WATERSHED MAP
SCALE: NTS



SITE WATERSHED MAP
SCALE: NTS



SITE WATERSHED MAP
SCALE: NTS

OWNER:

D R HORTON - TERRAMOR LLC
7208 FALLS OF NEUSE ROAD,
SUITE 201
RALEIGH, NC 27615

DEVELOPER:

D R HORTON - TERRAMOR LLC
7208 FALLS OF NEUSE ROAD,
SUITE 201
RALEIGH, NC 27615

ENGINEER:

S. SHAYNE LEATHERS, PE
BATEMAN CIVIL SURVEY COMPANY
2524 RELIANCE AVE.
APEX, NC 27539



Bateman Civil Survey Company, PC
2524 Reliance Avenue
Apex, NC 27540
Phone: (919) 577-1080
Fax: (919) 577-1081
info@batemancivilsurvey.com

May 5, 2021
Town of Rolesville Planning Department
502 Southtown Circle
Rolesville, NC 27571
Attn: Julie Spriggs, Planning

Re: Chandler's Ridge Little River Watershed Boundary Adjustment
BCSC Project # 170347

Dear Ms. Spriggs,

On behalf of the project developer, we formally request to begin the process to remove a portion of the Little River watershed into the adjacent Smith Creek Watershed (Neuse River Basin).

The area to be removed from the watershed will be for the below lot numbers as shown on the approved construction drawings 09.08.2020;

Lot 1	Lot 2	Lot 3	Lot 4	Lot 5	Lot 6
Lot 7	Lot 8	Lot 9	Lot 10	Lot 11	Lot 12
Lot 13	Lot 14	Lot 15	Lot 16	Lot 17	Lot 18
Lot 21	Lot 22	Lot 23	Lot 24		

As shown on the approved construction and drawings the area zoned R-40W as shown on the current Rolesville Zoning Map will be improved with grading and stormwater adjustments to shift the stormwater runoff to the adjacent Smith Creek Watershed.

The grading and stormwater construction was completed in April 2021. The grading and stormwater were surveyed by Bateman Civil Survey on May 5, 2021 and certified by Steven Carson, PLS. The grading and stormwater surveyed was reviewed by the Bateman Civil Survey Engineering Department and found consistent with the approved construction plans and will divert stormwater runoff to the Smith Creek Watershed.

The resulting area being removed from the Little River Watershed is 7.52 Acres.

We have attached the existing topographic map and the final constructed topographic for review. Please let me know if you have questions or need any additional supporting information to support the request and begin the process with the State of North Carolina.

Sincerely,
Bateman Civil Survey Company, PC

S. Shayne Leathers, PE
Engineering Director



Bateman Civil Survey Company

Engineers • Surveyors • Planners

2524 Reliance Avenue, Apex, North Carolina 27539

Phone: 919.577.1080 Fax: 919.577.1081

NCBELS FIRM No. C-2378



KNOW WHAT IS BELOW
CALL BEFORE YOU DIG

REV #	DATE	DESCRIPTION

Date:	02.16.21
Project #:	P170348
SHEET	C000

P:\2017 Projects\170347 Chandlers Ridge\Eng\CADD\DWG\TP\REF\Watershed\170347_C000_COV0_WIS.dwg

LEGEND:

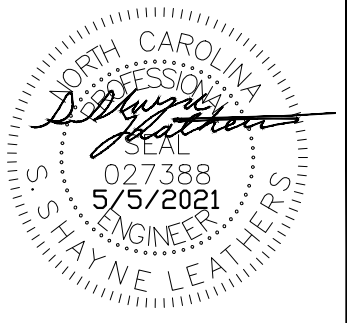
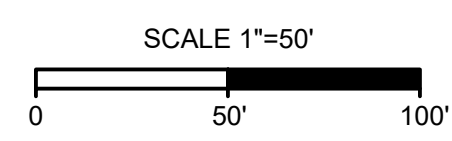
- - - - - EXISTING R40W LITTLE RIVER WATERSHED
- - - - - PREVIOUS MAJOR CONTOUR PRIOR TO REGRADING OF WATERSHED
- - - - - PREVIOUS MINOR CONTOUR PRIOR TO REGRADING OF WATERSHED
- PROPERTY LINE



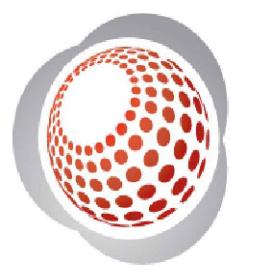
SMITH CREEK WATERSHED

R40W LITTLE RIVER WATERSHED

REV #	DATE	DESCRIPTION



Bateman Civil Survey Company
 Engineers • Surveyors • Planners
 2524 Rolland Avenue, Apex, North Carolina 27539
 Phone: 919.577.1080 Fax: 919.577.1081
 NCBELS FIRM No. C-2378



CHANDLERS RIDGE WATERSHED DELINEATION
 410 W. YOUNG ST.
 ROSELAND, NC
 WAKE COUNTY

PREVIOUS CONDITIONS

Project Engineer: **SSL**
 Designed By: **WKB**
 Drawn By: **WKB**
 Checked By: **SSL**
 Scale: **AS SHOWN**

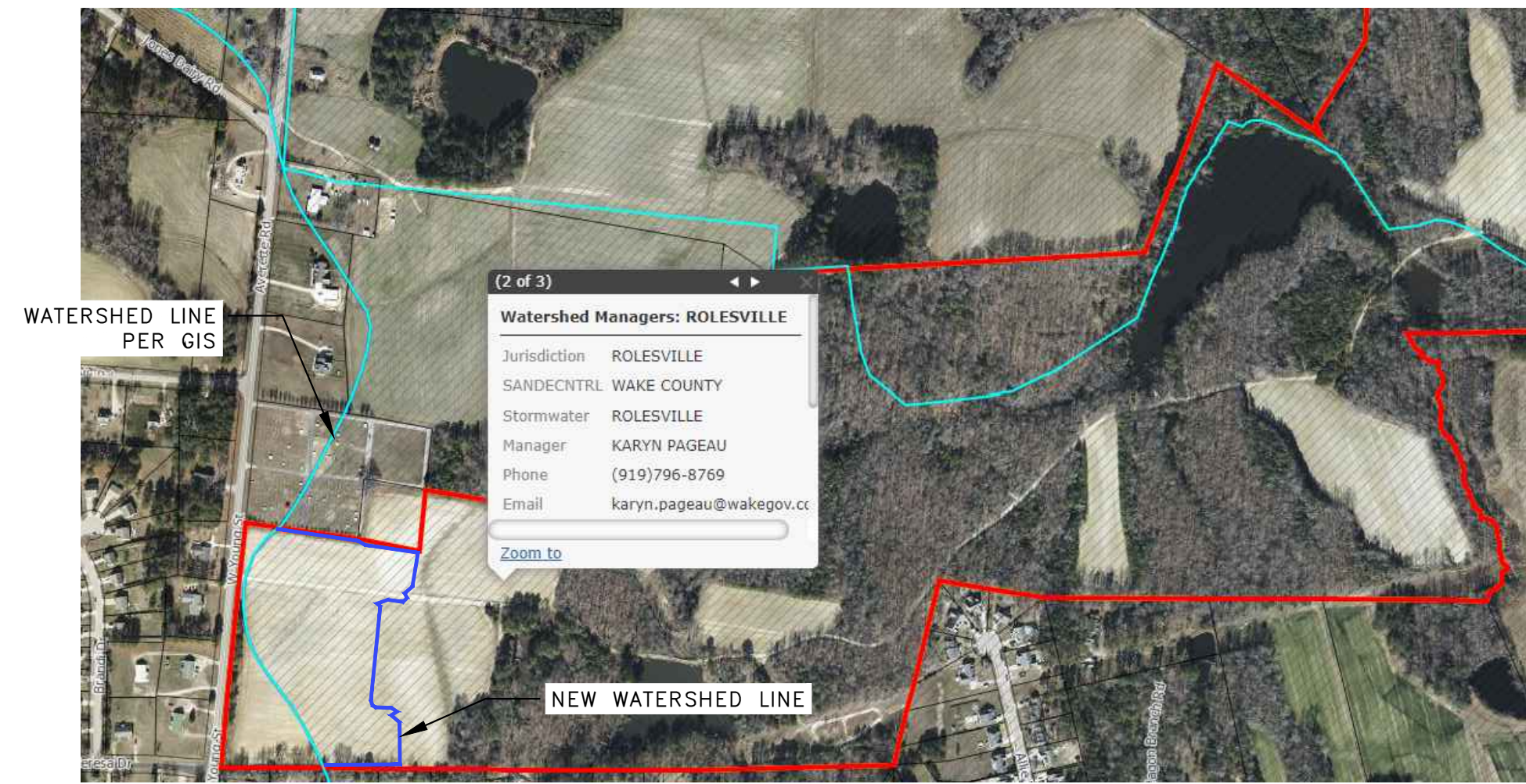
Date: **05.05.21**

Project #: **P170347**

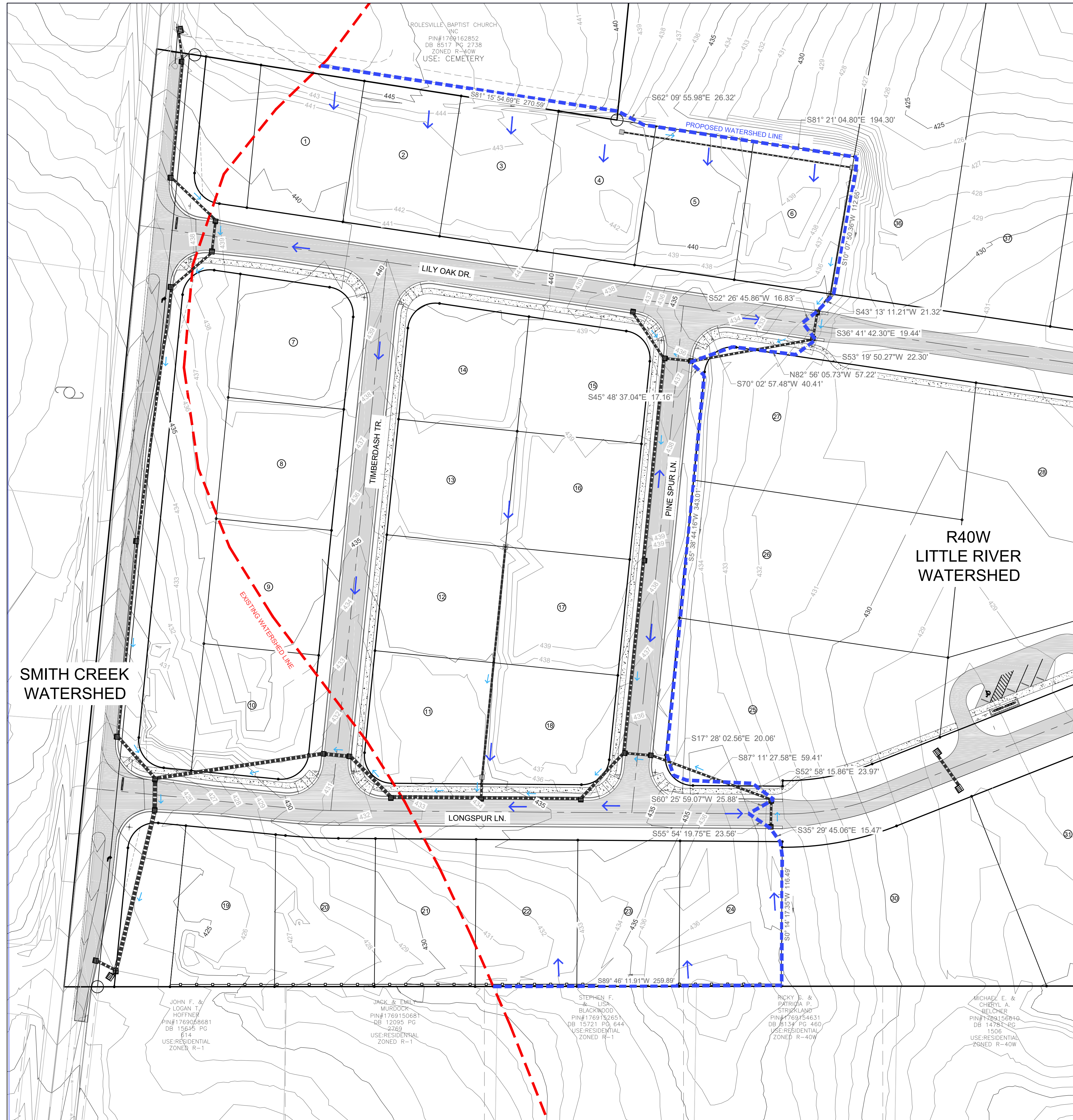
SHEET
SHEET 1

- LEGEND:**
- EXISTING R40W LITTLE RIVER WATERSHED
 - PROPOSED R40W LITTLE RIVER WATERSHED
 - EXISTING MAJOR CONTOUR AFTER REGRADING OF WATERSHED
 - EXISTING MINOR CONTOUR REGRADING OF WATERSHED
 - FUTURE PROPERTY LINE
 - EXISTING STORM DRAINAGE INLET
 - SD — EXISTING STORM DRAINAGE PIPE
 - TOPOGRAPHY FLOW ARROW
 - STORM PIPE FLOW ARROW

WATERSHED REMOVAL AREA
327,409 SF
7.52 AC



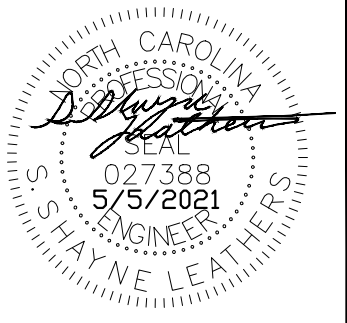
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SCALE: NTS



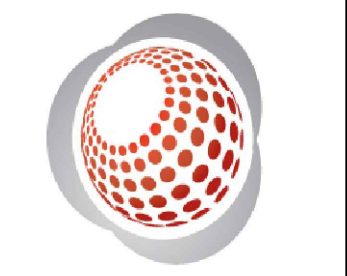
SCALE 1"=50'

0 50 100'

REV #	DATE	DESCRIPTION



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 410 W. YOUNG ST.
 ROLESVILLE, NC
 WAKE COUNTY

SURVEYED CONDITIONS

Project Engineer:	SSL
Designed By:	WKB
Drawn By:	WKB
Checked By:	SSL
Scale:	AS SHOWN
Date:	05.05.21
Project #:	P170347
SHEET	
SHEET 2	