

City of Raleigh
Development Services Department
One Exchange Plaza
Raleigh, NC 27602
(919) 996-2495
DS.help@raleighnc.gov
www.raleighnc.gov

S-50-18 / Pine Hollow Estates Subdivision Transaction# 570625 AA#3967

LOCATION: This site is comprised of three lots and located on the east side of Leesville

Road, south of Strickland Road at 13001 Strickland Road. The site is outside

the city limits.

The purpose of this revised document is to amend the administrative actions/conditions to be met for approval prior to building permits issuance.

REQUEST: Development of an 11.36 acres tract zoned R-4 into a proposed 22 lot

subdivision to include 19 residential and 3 open lots with .64 acres of right-of-

way dedication along Strickland Road.

DESIGN

ADJUSTMENT(S)/

ALTERNATES, ETC: A Design Adjustment has been submitted to the block perimeter requirements of

UDO Article 8.3.

FINDINGS: City Administration finds that this request, with the below conditions of approval

being met, conforms to the Unified Development Ordinance. This approval is based on a preliminary plan dated 3/4/2019 by Bohler Engineering NC, PLLC

CONDITIONS OF APPROVAL and NEXT STEPS:

This document must be applied to the second sheet of all future submittals except for final plats. This is a preliminary plan and as such no permits have been issued with this approval. To obtain permits and/or completion of the project, the following steps are required:

□ CONCURRENT SITE REVIEW NOT REQUIRED AT THIS TIME – However, plan revisions or further development that includes land disturbance of 12,000 square feet or greater, public or private infrastructure, shared stormwater devices, etc. will require concurrent site review.

☑ <u>CONCURRENT SITE REVIEW</u> - For land disturbance of 12,000 square feet or greater, public or private infrastructure, shared stormwater devices, etc. Concurrent Site Review may be submitted upon receipt of this signed approval document.

The following items are required prior to approval of Concurrent Site Review plans:

Engineering

- 1. Required NCDOT encroachment and/or driveway permits must be approved and copies provided to Development Services Development Engineering prior to concurrent review approval.
- 2. Approval for the mail kiosk location must be provided from the USPS.
- 3. A right-of-way obstruction permit must be obtained from Right-of-way Services prior to the commencement of any construction activities within the right-of-way.



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Stormwater

- A 100-year floodplain analysis shall be submitted and approved by the Engineering Services
 Department prior to the issuance of any grading or site permit (UDO 9.3).
- 5. The State of North Carolina shall approve any proposed disturbance within the riparian buffer prior to the issuance of any grading or site permit (UDO 9.2.3.E).
- A stormwater control plan with a stormwater operations and maintenance manual and budget shall be approved (UDO 9.2).
- 7. A surety equal to the cost of clearing, grubbing and reseeding a site, shall be paid to the City (UDO 9.4.4).

Urban Forestry

- 8. Submit a final tree conservation plan that includes metes and bounds descriptions of all tree conservation areas and tree protection fencing as required (UDO 9.1.5).
- 9. Tree protection fence must be inspected by Urban Forestry staff prior to the issuance of a grading permit.

□ LEGAL DOCUMENTS - Email to legaldocumentreview@raleighnc.gov. Legal documents must be approved, executed, and recorded prior to or in conjunction with the recorded plat on which the associated easements are shown. Copies of recorded documents must be returned to the City within one business day of recording to avoid withholding of further permit issuance.

	City Code Covenant	\boxtimes	Slope Easement
\boxtimes	Stormwater Maintenance		Transit Easement
	Covenant		
\boxtimes	Utility Placement Easement		Cross Access Easement
	Sidewalk Easement		Public Access Easement
			Other:

☑ <u>RECORDED MAP(S)</u> - Submit plat to record new property lines, easements, tree conservation areas, etc.). Plats may be submitted for review when the Concurrent Site Review plans, if required, have been deemed ready for mylar signature.

The following items must be approved prior to recording the plat:

General

- 1. The City Code Covenant is no longer required based on TC-19-20.
- 2. A recombination map shall be recorded recombining the existing 3 lots into a single tract prior to any review and recordation for the subdivision plan.



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- 3. A demolition permit shall be issued and this building permit number shown on all maps for recording.
- 4. The greenway easement as shown on the preliminary plan shall be dedicated prior to, or in conjunction with the recording of a map in any phase affected by the greenway.
- 5. Street names for this development shall be approved by the Raleigh GIS Division and by Wake County.
- 6. As shown on the approved preliminary subdivision plan set dated 3/4/19, a note shall be placed on all plat recordings stating the Primary Street determination for Lots 10 & 19, approved by the Planning Director, shall be Field Maple Court (Lot 10) & Grey Willow Drive (Lot 19) respectively.

Engineering

- 7. The required right of way for proposed and/or existing streets shall be dedicated to the City of Raleigh and shown on the map approved for recordation.
- 8. A 5' general utility easement and associated deed of easement shall be approved by the City and the location of the easement shall be shown on the map approved for recordation. The deed of easement shall be recorded at Wake County Register of Deeds within one day of recordation of the recorded plat. A recorded copy of these documents must be provided to the Development Services Department within one day from authorization of lot recordation. If recorded copies of the documents are not provided, further recordings and building permit issuance will be withheld.
- 9. Slope easements and associated deed of easement shall be approved by the City and the location of the easement shall be shown on the map approved for recordation. The deed of easement shall be recorded at Wake County Register of Deeds within one day of recordation of the recorded plat. A recorded copy of these documents must be provided to the Development Services Department within one day from authorization of lot recordation. If recorded copies of the documents are not provided, further recordings and building permit issuance will be withheld.
- 10. A fee-in-lieu for the Field Maple Court extension and streetscape to the center of the creek crossing is to be paid to the City of Raleigh (UDO 8.1.10).
- A public infrastructure surety is provided to the City of Raleigh Development Services Development Engineering program (UDO 8.1.3).

Public Utilities

- 12. Infrastructure Construction Plans (concurrent submittal) must be approved by the City of Raleigh Public Utilities Department for all public water, public sewer and/or private sewer extensions.
- 13. A Petition for Annexation into the City limits shall be submitted in accordance with City Council policy for extension of utility service to properties currently outside of the City limits. This voluntary annexation in no way obligates the City to extend utility services to the property.

Stormwater



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- 14. A payment equal to twenty-four percent (24%) of the estimated cost of constructing all stormwater control facilities shown on the development plans shall be paid by the developer to the City stormwater facility replacement fund (UDO 9.2.2.G.3).
- 15. The City form document entitled Declaration of Maintenance Covenant and Grant of Protection Easement for Stormwater Control Facilities shall be approved by the City and recorded with the county register of deeds office (UDO 9.2.2.G).
- 16. All stormwater control measures and means of transporting stormwater runoff to and from any nitrogen and stormwater runoff control measures shall be shown on all plats for recording as private drainage easements (UDO 9.2).
- 17. The riparian buffers, in accordance with the preliminary plan and the State of North Carolina regulations, shall be shown on plats for recording along with required buffer statement (Recorded Map Checklist).
- 18. A surety equal to 125% of the cost of the construction of a stormwater device shall be paid to the Engineering Services Department (UDO 9.2.2.D.1.d).

Urban Forestry

19. A tree conservation plat shall be recorded with metes and bounds showing the designated tree conservation areas (UDO 9.1). This development proposes 1.06 acres of tree conservation area.

■BUILDING PERMITS – For buildings and structures shown on the approved plans. Commercial building permit plans must include the signed, approved Concurrent Site Review plans attached, if applicable. Permit sets may be reviewed prior to the recordation of required plats, but cannot be approved.

The following items must be approved prior to the issuance of building permits:

General

- 1. A recombination map shall be recorded prior to or in conjunction with the recording of lots, recombining the existing lot into a single tract.
- 2. A demolition permit shall be obtained for existing structures and shown on all plats of recording.
- 3. A copy of the final plat for the recordation of lots shall be approved and signed by the Development Services Director & recorded at the Wake County Register of Deeds.

Engineering

4. A right-of-way obstruction permit shall be obtained from Right-of-way Services for any construction activity within the right-of-way.

Urban Forestry



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5. A tree impact permit must be obtained for the approved streetscape tree installation in the right of way. This development proposes ____77___ street trees along __three streets____.

The following are required prior to issuance of building occupancy permit:

- 1. All Water, Sanitary Sewer and Reuse facilities shall be installed, inspected, tested and accepted by the City of Raleigh Public Utilities Department for operations and maintenance.
- 2. Required public right-of-way infrastructure improvements shall be, at a minimum, sufficiently completed to provide the necessary, safe emergency and vehicular access.
- 3. Required underground storm drainage improvements shall be completed and as-built plan(s) and certification(s) reviewed and accepted by the City of Raleigh Development Services Development Engineering program.
- 4. All street lights and street signs required as part of the development approval are installed.
- 5. Copies of certified inspection reports for alleys and internal access ways are submitted to the City of Raleigh Development Services Development Engineering program.
- 6. As-built drawings and associated forms for all Stormwater devices are accepted by the Engineering Services Department (UDO 9.2.2.D.3).
- 7. Final inspection of all tree conservation areas and right of way street trees by Urban Forestry Staff.

EXPIRATION DATES: If significant construction has not taken place on a project after preliminary subdivision approval, that approval may "sunset" and be declared void, requiring re-approval before permits may be issued. To avoid allowing this preliminary approval to "sunset", the following must take place by the following dates:

3-Year Sunset Date: 5-23-2022

Record at least ½ of the land area approved.

5-Year Sunset Date: 5-23-2024 Record entire subdivision.

I hereby certify this administrative decision.

Signed:(Development Services Dir./Designee) Alysia Bailey Taylor Date: 10/26/2021

Staff Coordinator: Jermont Purifoy

Design Adjustment Staff Response



Per Section 10.2.18.C of the Unified Development Ordinance, the Development Services Director, or designee, shall consult with the heads of other City Departments regarding the review of the request. The Development Services Director, or designee, shall approve, approve with conditions or deny the request, but must do so within 60 days of the receipt of a completed application. Additional time may be necessary if a municipal or state entity is incorporated in the review process or if a detailed engineering study is submitted in conjunction with the request.

	Project Name	Pine Hollow Estates
EC	Development Case Number	S-50-18
PROJECT	Transaction Number	570625
	Design Adjustment Number	DA - 134 - 2018
	Staff recommendation based upon t	ne findings in the applicable code(s):
	UDO Art. 8.3 Blocks, Lots, Acce	UDO Art. 8.5 Existing Streets
	UDO Art. 8.4 New Streets	Raleigh Street Design Manual
	Staff SUPPORTS 🗸 DOES NOT SUPP	ORT the design adjustment request.
		DEPARTMENTS
	Dev. Services Planner	City Planning
	✓ Development Engineering	Transportation
	Engineering Services	Parks & Recreation and Cult. Res.
ISE	Public Utilities	
STAFF RESPONSE	CONDITIONS:	
Dev	elopment Services Director or Design	nee Action: Approve Approve with conditions Deny
Auth	orized Signature ENGLIE	FEL G. Krista, PE 4/16/19 FRINTE PEVIEW AMERICA Date

*The Development Services Director may authorize a designee to sign in his/her stead. Please print name and title next to signature. Appeal of the decision from the Development Services Director, or his or her designee, shall be made in writing within 30 days to the Board of Adjustment (see Section 10.2.18.C3b).

Staff Response Article 8.3 Blocks Lots, Access



The Development Services Director may in accordance with Sec. 10.2.18. approve a design adjustment, subject to all of the following findings.

B. The requested design adjustment conforms with the Comprehensive Plan and adopted City plans; YES ✓ NO ☐ C. The requested design adjustment does not increase congestion or compromise Safety; YES ✓ NO ☐ D. The requested design adjustment does not create any lots without direct street Frontage; YES ✓ NO ☐ E. The requested design adjustment is deemed reasonable due to one or more of the following: 1. Topographic changes are too steep; 2. The presence of existing buildings, stream and other natural features; 3. Site layout of developed properties; 4. Adjoining uses or their vehicles are incompatible; 5. Strict compliance would pose a safety hazard; or 6. Does not conflict with an approved or built roadway construction project 7. adjacent to or in the vicinity of the site. YES ✓ NO ☐ STAFF FINDINGS The proposed development has three blocks which two of the three are compliant with the block perimeter requirements of UDO Article 8.3. The third lot encompasses lots 1 through 6. The extension of a public street is not feasible to bring the lots into full compliance due to the site layout of developed properties along Owl's Nest Drive. Additionally, the adjacent parcel includes two well sites. The developer has set up for a connected block to the east and south including adding public right of way rontage a street stub to a parcel previously without public frontage. Therefore, the requested design adjustment is deemed reasonable due to the following code sections:	, v.	The requested design adjustment meets the intent of this Article;
adopted City plans; YES NO C. The requested design adjustment does not increase congestion or compromise Safety; YES NO D. D. The requested design adjustment does not create any lots without direct street Frontage; YES NO E. E. The requested design adjustment is deemed reasonable due to one or more of the following: 1. Topographic changes are too steep; 2. The presence of existing buildings, stream and other natural features; 3. Site layout of developed properties; 4. Adjoining uses or their vehicles are incompatible; 5. Strict compliance would pose a safety hazard; or 6. Does not conflict with an approved or built roadway construction project 7. adjacent to or in the vicinity of the site. YES NO STAFF FINDINGS The proposed development has three blocks which two of the three are compliant with the block perimeter equirements of UDO Article 8.3. The third lot encompasses lots 1 through 6. The extension of a public street is not feasible to bring the lots into full compliance due to the site layout of developed properties along Owl's Nest Drive. Additionally, the adjacent parcel includes two well sites. The developer has set up for a connected block to the east and south including adding public right of way rontage a street stub to a parcel previously without public frontage. Therefore, the requested design adjustment is deemed reasonable due to the following code sections: Section 8.3.6 (E) (2) and (3).		YES NO
YES ✓ NO ☐ C. The requested design adjustment does not increase congestion or compromise Safety; YES ✓ NO ☐ D. The requested design adjustment does not create any lots without direct street Frontage; YES ✓ NO ☐ E. The requested design adjustment is deemed reasonable due to one or more of the following: 1. Topographic changes are too steep; 2. The presence of existing buildings, stream and other natural features; 3. Site layout of developed properties; 4. Adjoining uses or their vehicles are incompatible; 5. Strict compliance would pose a safety hazard; or 6. Does not conflict with an approved or built roadway construction project 7. adjacent to or in the vicinity of the site. YES ✓ NO ☐ STAFF FINDINGS The proposed development has three blocks which two of the three are compliant with the block perimeter equirements of UDO Article 8.3. The third lot encompasses lots 1 through 6. The extension of a public street is not feasible to bring the lots into full compliance due to the site layout of developed properties along Owl's Nest Drive. Additionally, the adjacent parcel includes two well sites. The developer has set up for a connected block to the east and south including adding public right of way rontage a street stub to a parcel previously without public frontage. Therefore, the requested design adjustment is deemed reasonable due to the following code sections: Section 8.3.6 (E) (2) and (3).	В.	The requested design adjustment conforms with the Comprehensive Plan and
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Safety; YES NO D D. The requested design adjustment does not create any lots without direct street Frontage; YES NO D E. The requested design adjustment is deemed reasonable due to one or more of the following: 1. Topographic changes are too steep; 2. The presence of existing buildings, stream and other natural features; 3. Site layout of developed properties; 4. Adjoining uses or their vehicles are incompatible; 5. Strict compliance would pose a safety hazard; or 6. Does not conflict with an approved or built roadway construction project 7. adjacent to or in the vicinity of the site. YES NO STAFF FINDINGS The proposed development has three blocks which two of the three are compliant with the block perimeter requirements of UDO Article 8.3. The third lot encompasses lots 1 through 6. The extension of a public street is not feasible to bring the lots into full compliance due to the site layout of developed properties along Owl's Nest Drive. Additionally, the adjacent parcel includes two well sites. The developer has set up for a connected block to the east and south including adding public right of way rontage a street stub to a parcel previously without public frontage. Therefore, the requested design adjustment is deemed reasonable due to the following code sections: Section 8.3.6 (E) (2) and (3).		YES NO NO
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	Sec	ation 8.3.6 (E) (2) and (3).

Design Adjustment Application



The purpose of this request is to seek a Design Adjustment from the Development Services Director, or designee, for a specific project only and, if granted, may be approved with special conditions and provisions.

This application and all further action shall be consistent with Section 10.2.18 in the Unified Development Ordinance (UDO). The consideration and decision of this request shall be based solely on the conformance of the findings, as outlined in Sec. 8.3.6, Sec. 8.4.1.E and Sec. 8.5.1.G of the UDO or the Raleigh Street Design Manual.

b	Project Name Pine Hollow Estates						
PROJECT	Case Number S-50-2018						
PR(Transaction Number 570625						
œ	Name Terrebon Estates LLC						
OWNER	Address 3025 Westbury Dr / 12	2909 Strickland Re	d	City Raleigh	1		
õ	State North Carolina	Zip Code 27607		Phone			
	Name Mike Roselli, P.E.			ler Engineerin	a N	IC. PLLC	
CONTACT	Address 4130 Parklake Ave., Si	uite 130	1	City Raleigh	_	,	
NO3	State North Carolina Zip Code 27612			Phone (919) 578-9000			
	I am seeking a Design Adjustment	from the requirem	ents set fort	h in the followi	ng:		
	UDO Art. 8.3 Blocks, Lots, Acces	<u>55</u>	- See page 2	for findings			
	UDO Art. 8.4 New Streets		- See page 3	for findings			
	UDO Art. 8.5 Existing Streets		- See page 4	l for findings			
 -	Raleigh Street Design Manual		- See page 5	for findings			
REQUEST	Provide details about the request;	ا please attach a m; ;			oac	e is needed):	
Appli By s	ner/Owner's Representative Signature	ride all pertinent infor	mation neede	d for the conside	rati	on of this request.	
					•		
	CKLIST				_		
	ed Design Adjustment Application					Included	
<u> </u>	e(s) addressing required findings				-	Included Included	
	(s) and support documentation	ne cianed by prope	rty owner		늗	Included	
Notary page (page 6) filled out; Must be signed by property owner First Class stamped and addressed envelopes with completed notification letter				H	Included		
	nit all documentation, with the exce				ıd le		
desig	nadjustments@raleighnc.gov.			•			
	er the addressed envelopes and let						
	llopment Services, Development Eng Exchange Plaza, Suite 500	gineering					
	gh NC, 27601						
		RECEIVED DATE:	piperity (29) feet (27)	DA -			

Article 8.3, Blocks, Lots, Access

Administrative Design Adjustment Findings



The Development Services Director may in accordance with *Sec. 10.2.18.* approve a design adjustment, subject to all of the following findings. Describe how each item is met:

- A. The requested design adjustment meets the intent of this Article;
 - The design adjustment is herein submitted in accordance with the article, including pertinent material necessary for review.
- B. The requested design adjustment conforms with the Comprehensive Plan and adopted City plans;

The comprehensive plan and other adopted City plans do not reference future roadways which will make compliant blocks in this vicinity.

C. The requested design adjustment does not increase congestion or compromise Safety;

This design adjustment does impact congestion or safety.

D. The requested design adjustment does not create any lots without direct street Frontage;

All lots have direct street frontage.

- E. The requested design adjustment is deemed reasonable due to one or more of the following:
 - 1. Topographic changes are too steep;
 - 2. The presence of existing buildings, stream and other natural features;
 - 3. Site layout of developed properties;
 - 4. Adjoining uses or their vehicles are incompatible;
 - 5. Strict compliance would pose a safety hazard; or
 - 6. Does not conflict with an approved or built roadway construction project
 - 7. adjacent to or in the vicinity of the site.

Previous development & constructed home sites along Owls Nest Dr prevent a road connection to the west. One remaining parcel (0788-24-9896) between the proposed development & the previous development along Owls Nest Dr already has direct street frontage along Strickland Road.

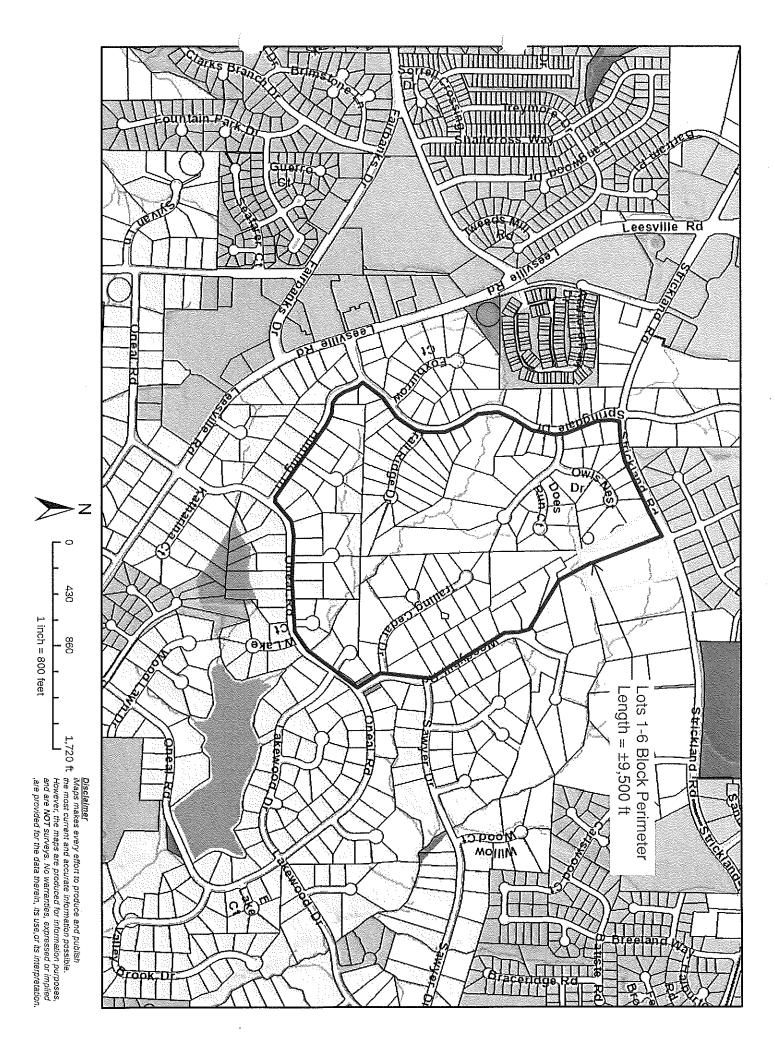
Per attached iMaps exhibit, if Field Maple Court were to be extended to Woodyhill Road, block formed would be in excess of 5,000 ft, regardless of an extension of Owls Nest Dr.

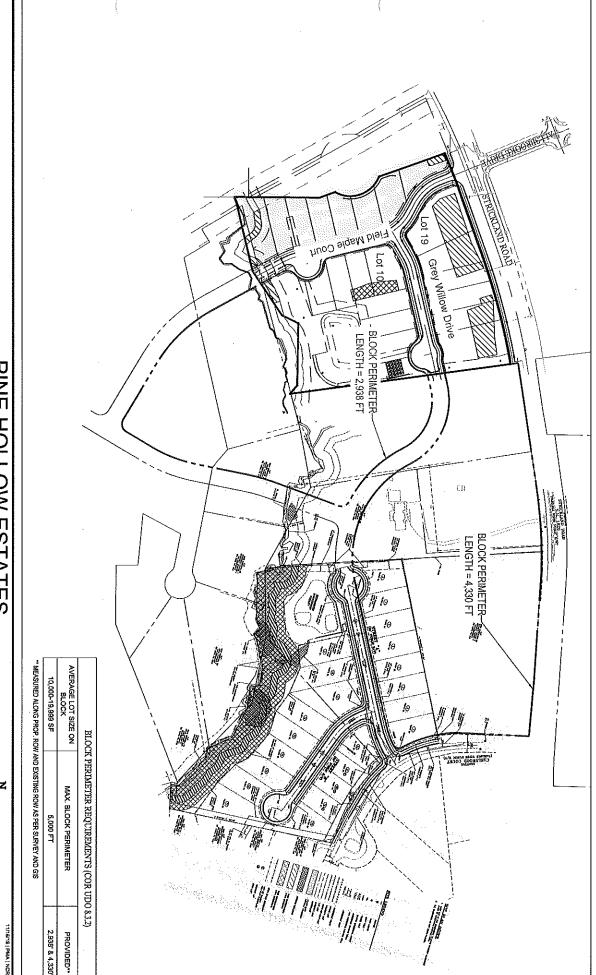
The presence of a 100' CP&L Transmission Line Easement, tower, & well on adjacent parcel (0788-24-9896) add additional complications, with no practical future development potential.

Individual Acknowledgement



STATE OF NORTH CAROLINA COUNTY OF Utah	INDIVIDUAL
I, Doris S Full me R Johnotlendersont Carolyn Btlenders acknowledged the due execution of the forgoin	, a Notary Public do hereby certify that श्राक्ersonally appeared before me this day and g instrument.
This the 20 day of Decemb	<u>56 R</u> , 20 <u>18</u> .
DORIS S FULLMER Notary Public - State of Utah Comm. No. 696650 My Commission Expires on Sep 6, 2021 Notary	y Publicy Jour Stullmer

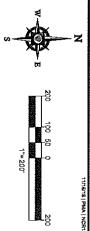


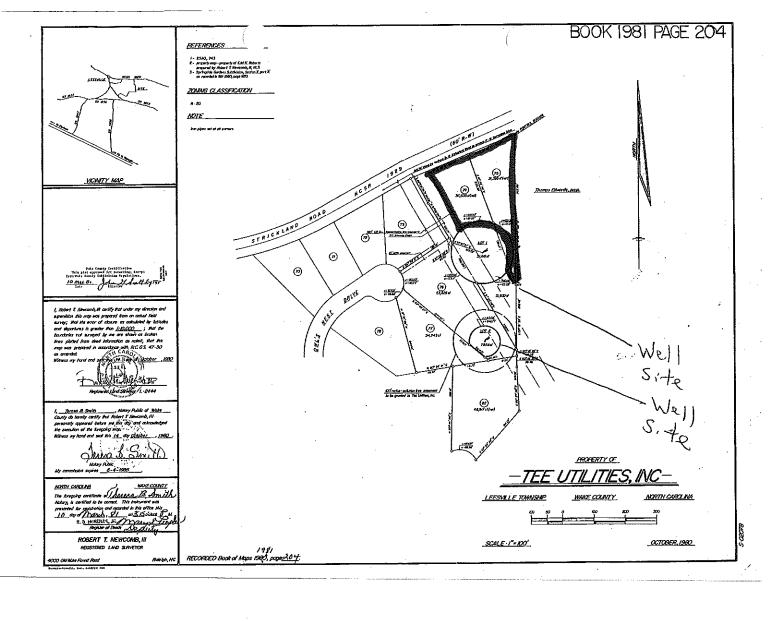




PINE HOLLOW ESTATES BLOCK PERIMETER EXHIBIT

13001 STRICKLAND RD RALEIGH, NC





PRELIMINARY SUBDIVISION

SUBMITTAL

FOR

PINEHOLLOW ESTATES

LOCATION OF SITE

13001 STRICKLAND ROAD RALEIGH, NC 27612 WAKE COUNTY

PIN #: 0788-34-0985, 0788-34-2765, 0788-35-5113 SKETCH REVIEW TRANSACTION #551122 TRANSACTION #570625 CASE NUMBER S-50-18



OWNER

PIN #0788340985 & 0788342765 TERREBON ESTATES LLC 3025 WESTBURY DRIVE RALEIGH, NC 27607-3057

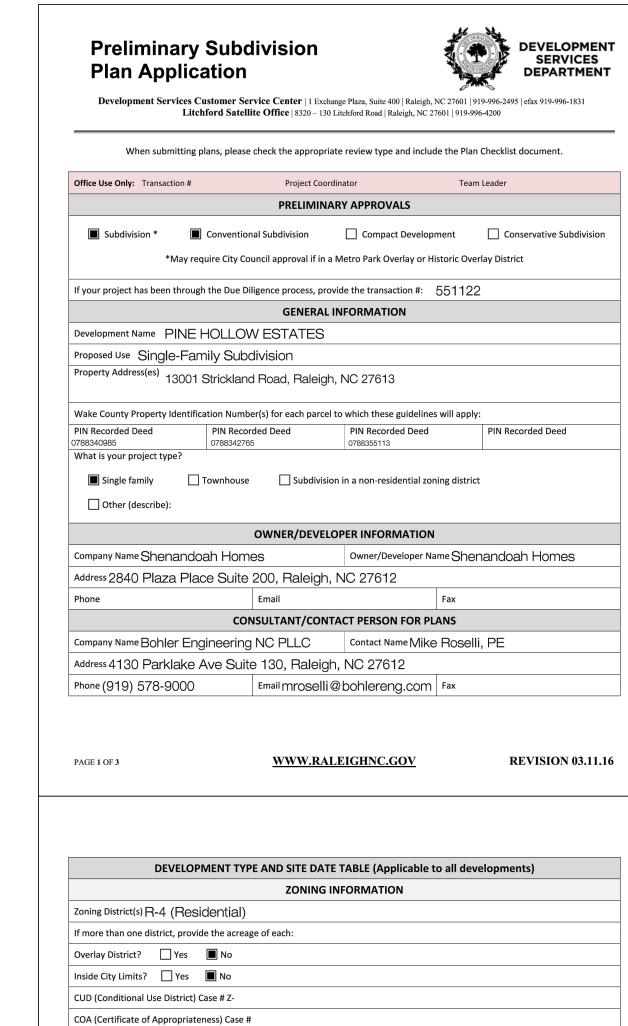
PIN #0788355113 JOHN O & CAROLYN B **HENDERSON** 12909 STRICKLAND RD RALEIGH, NC 27613-5333

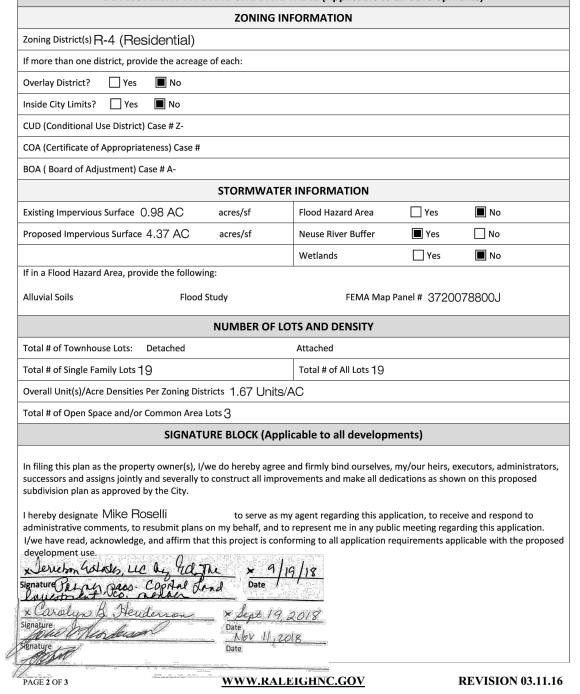


4130 PARKLAKE AVE., SUITE 130 RALEIGH, NC 27612 Phone: (919) 578-9000 NC@BohlerEng.com

DEVELOPER

SHENANDOAH HOMES 2840 PLAZA PLACE, SUITE 200 RALEIGH, NC 27612







REVISIONS				
REV	DATE	COMMENT	BY	
1	11/16/18	REVISION PER CITY COMMENTS	CEM	
2	2/1/19	REVISIONS PER CITY COMMENTS	PMA	
3	3/4/19	REVISIONS PER CITY COMMENTS	PMA	



NOT APPROVED FOR CONSTRUCTION

DRAWN BY: SCALE:

PRELIMINARY SUBDIVISION PLAN

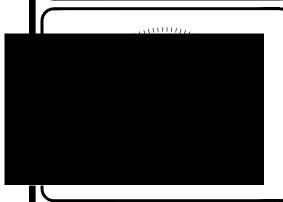
SHENANDOAI

LOCATION OF SITE 13001 STRICKLAND ROAD RALEIGH, NC WAKE COUNTY CASE #: S-50-2018



TRANSACTION #: 570625

130 PARKLAKE AVENUE, SUITE 13 RALEIGH, NC 27612 Phone: (919) 578-9000 NC@BohlerEng.com



COVER SHEET

IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJE ORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVI HE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD VRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUT

SITE DATA

STREETS: (LF)

DOMESTIC WATERLINE: (LF)

SANITARY FORCEMAIN: (LF

UNDISTURBED PERVIOUS: (AC)

CALCULATED IMPERVIOUS: (AC)

RESIDENTIAL LOTS: (#/AC/SF)

% OF ROW THAT IS PAVEMENT:

% OF RESIDENTIAL LOTS IMPERVIOUS:

SUBDIVISION DISTURBED AREA: (AC.)

STREAM AND WETLAND DELINEATION

PREPARED BY CAROLINA ECOSYSTEMS, INC.

PREPARED BY FROEHLING & ROBERTSON, INC

CITY OF RALEIGH TRANSPORTATION

222 W HARGETT STREET, SUITE 400, RALEIGH, NC 27601

CITY OF RALEIGH STORMWATER MANAGEMENT

CONTACT: MICHAEL MOORE, DIRECTOR OF TRANSPORTATION

RANSPORTATION DEPARTMENT

SEASONAL HIGH WATER TABLE DETERMINATION

MANAGED PERVIOUS: (AC)

RIGHT-OF-WAY: (AC)

OPEN LOTS: (#/AC/SF)

OPEN LOT IMPERVIOUS

CLAYTON, NC 27520

DATED: AUGUST 2, 2018

310 HUBERT STREET

RALEIGH, NC 27603-2302

PHONE: (919) 996-3030

ONE EXCHANGE PLAZA

CONTACT: BEN BROWN, PE

EMAIL: BEN.BROWN@RALEIGHNC.GOV

411 FAYETTEVILLE STREET. RALEIGH, NC 27601

RALEIGH, NC 27601

PHONE: (919) 996-3515

DUKE ENERGY

1. FLOOD NOTE: THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE, BASED ON FEMA FIRM MAP #372008800J

3. THIS SITE IS LOCATED WITHIN THE CITY OF RALEIGH ETJ AND WILL BE ANNEXED PRIOR TO CONSTRUCTION.

C-102

C-201

C-301

C-401

C-402

C-501

C-701

C-702

4. ALL CONSTRUCTION SHOULD BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH AND NCDOT STANDARDS AND

8. INFILL RESIDENTIAL RULES MAY APPLY PER CITY OF RALEIGH UNIFIED DEVELOPMENT ORDINANCE SECTION 2.2.7.

7. STREET TREES PLANTED ALONG STRICKLAND ROAD PER NCDOT PLANTING PERMIT DATED 3/1/19 INCLUDED WITH THIS

8. THE PRIMARY STREET FOR LOT 10 IS FIELD MAPLE. THE PRIMARY STREET FOR LOT 19 IS GREY WILLOW PER THE COR DEPT.

SHEET INDEX

EXISTING CONDITIONS & DEMOLITION PLA

SUBDIVISION PLAN

GRADING PLAN

SCM PLAN

UTILITY PLAN

LANDSCAPE PLAN

TREE CONSERVATION AREA PLAN

LANDSCAPE NOTES & DETAILS

2. THERE ARE TWO WETLANDS SOUTH OF THE SITE BEYOND PROPOSED DISTURBANCE LIMITS AND ONE BUFFERED STREAM ON THE SOUTHERN PART OF THE SITE PER DELINEATION OF STREAMS AND WETLANDS BY CAROLINA ECOSYSTEMS PERFORMED ON

5. SOLID WASTE PICK UP WILL BE HANDLED BY CITY OF RALEIGH SOLID WASTE SERVICES AND SHALL BE IN COMPLIANCE WITH THE

REQUIREMENTS SET FORTH IN THE CITY OF RALEIGH SOLID WASTE DESIGN MANUAL. STANDARD 96 GALLON RESIDENTIAL ROLL

PHONE: 1-(800) 419-6356

PHONE: 1-(888) 757-6500

PHONE/INTERNET

LOTS: (AC)

CONTACT INFORMATION

PROPOSED # OF DOMESTIC WATER TAPS:

SITE AREA PRE ROW DEDICATION: (AC) SITE AREA POST ROW DEDICATION: (AC)

LAND COVER CALCULATIONS (METHOD 3-1)

SANITARY SEWER: (LF)

OF SEWER TAPS:

1,286

1,286

1,326

0.23

19 / 6.02 / 262,666 3 / 2.90 / 126.405

71%*2.43 = 1.73 A

40%*6.02 = 2.41 AC

4.37/11.36 = 38%

4.37 AC

8.40 AC

RALEIGH, NC 27612

0788-34-0985

0.72; 5.59; 5.05

1.67

10.000

CRABTREE CREEK

65 (80 CORNER LOT)

SITE AREA: (AC.)

PROJECT AREA: (AC.)

PROPOSED # OF UNITS:

MINIMUM LOT SIZE: (SF)

MINIMUM LOT WIDTH: (FT

MINIMUM LOT DEPTH: (FT)

MAX BUILDING HEIGHT (FT)

ALLOWABLE DENSITY: (DU/AC.)

REQUIRED # OF PARKING SPACES

MINIMUM WIDTH OF OPEN SPACE (FT)

REFERENCES

BOHLER JOB NO. NSR182049

DATED: JULY 18, 2018

RALFIGH NC 27603

DATE: JUNE 1, 2018

F&R PROJECT # 66W-0022

CONTACT: KEN BOWERS

222 FAYETTEVILLE STREET

PHONE: (919)-996-2633

RALEIGH, NC 27601

PHONE: (919) 996-4540

PHONE: (919) 996-6115

222 FAYETTEVILLE STREET

RALEIGH, NC 27601

PHONE: (919) 996-4540

PHONE: 1-(877) 776-2427

GENERAL NOTES:

"BOUNDARY & TOPOGRAPHIC SURVEY" PREPARED BY BOHLER ENGINEERING NC, PLLC

GEOTECHNICAL ENGINEERING EVALUATION"

PREPARED BY FROEHLING & ROBERTSON, INC.

GOVERNING AGENCIES

CITY OF RALEIGH PLANNING DIVISION

CITY OF RALEIGH PUBLIC UTILITIES

CITY OF RALEIGH FIRE DEPARTMENT

4120 NEW BERN AVENUE, RALEIGH NC 27610

UTILITY CONTACTS

CITY OF RALEIGH PUBLIC UTILITIES

901 E. CHATHAM STREET. RALEIGH, NC 27511

OUT CARTS SHALL SERVE THE LOTS ON SITE.

FIRE DEPARTMENT SERVICES DIVISION

CONTACT: JOHN MCGRATH, FIRE CHIEF

ONE EXCHANGE PLAZA, SUITE 400

"REPORT OF SUBSURFACE EXPLORATION AND PRELIMINARY

REQUIRED TREE CONSERVATION AREA:

PROPOSED TREE CONSERVATION AREA:

MINIMUM LOTS ABUTTING OPEN SPACE (%) N/A

PROPOSED DENSITY: (DU/AC.)

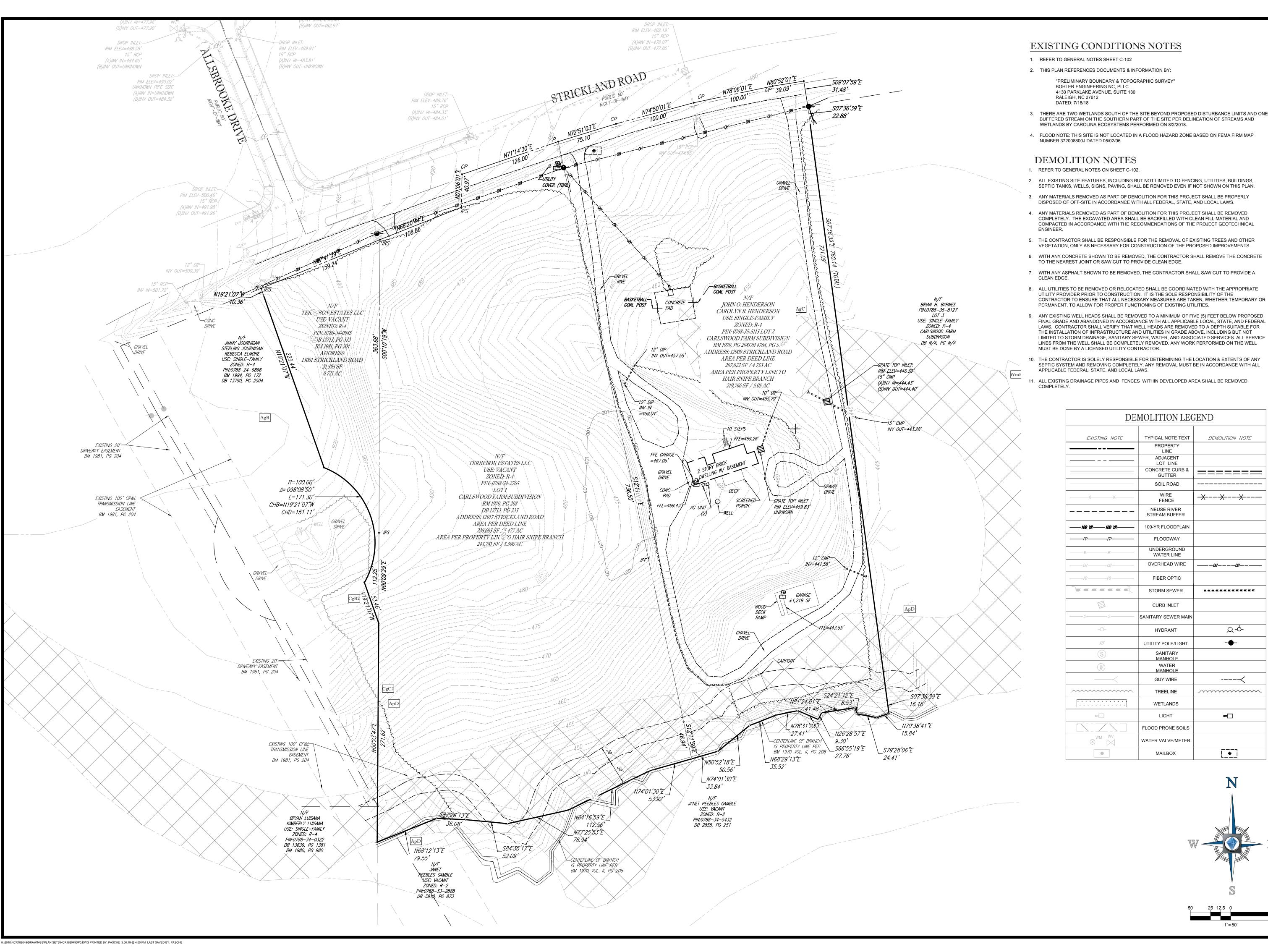
EXISTING ZONING:

WATERSHED:

CONTIGUOUS

PTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND

RAWINGS\PLAN SETS\NCR182049SD0.DWG PRINTED BY: PASCHE 3.06.19 @ 4:38 PM LAST SAVED BY: OKAIJA



EXISTING CONDITIONS NOTES

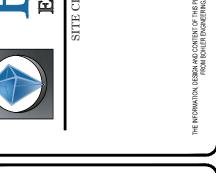
1. REFER TO GENERAL NOTES SHEET C-102

"PRELIMINARY BOUNDARY & TOPOGRAPHIC SURVEY" BOHLER ENGINEERING NC, PLLC 4130 PARKLAKE AVENUE, SUITE 130

- 3. THERE ARE TWO WETLANDS SOUTH OF THE SITE BEYOND PROPOSED DISTURBANCE LIMITS AND ONE BUFFERED STREAM ON THE SOUTHERN PART OF THE SITE PER DELINEATION OF STREAMS AND WETLANDS BY CAROLINA ECOSYSTEMS PERFORMED ON 8/2/2018.
- 4. FLOOD NOTE: THIS SITE IS NOT LOCATED IN A FLOOD HAZARD ZONE BASED ON FEMA FIRM MAP

- 2. ALL EXISTING SITE FEATURES, INCLUDING BUT NOT LIMITED TO FENCING, UTILITIES, BUILDINGS, SEPTIC TANKS, WELLS, SIGNS, PAVING, SHALL BE REMOVED EVEN IF NOT SHOWN ON THIS PLAN.
- 3. ANY MATERIALS REMOVED AS PART OF DEMOLITION FOR THIS PROJECT SHALL BE PROPERLY
- 4. ANY MATERIALS REMOVED AS PART OF DEMOLITION FOR THIS PROJECT SHALL BE REMOVED COMPLETELY. THE EXCAVATED AREA SHALL BE BACKFILLED WITH CLEAN FILL MATERIAL AND COMPACTED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF EXISTING TREES AND OTHER VEGETATION, ONLY AS NECESSARY FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- 6. WITH ANY CONCRETE SHOWN TO BE REMOVED, THE CONTRACTOR SHALL REMOVE THE CONCRETE TO THE NEAREST JOINT OR SAW CUT TO PROVIDE CLEAN EDGE.
- 7. WITH ANY ASPHALT SHOWN TO BE REMOVED, THE CONTRACTOR SHALL SAW CUT TO PROVIDE A
- 8. ALL UTILITIES TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY PROVIDER PRIOR TO CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE
- 9. ANY EXISTING WELL HEADS SHALL BE REMOVED TO A MINIMUM OF FIVE (5) FEET BELOW PROPOSED FINAL GRADE AND ABANDONED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS. CONTRACTOR SHALL VERIFY THAT WELL HEADS ARE REMOVED TO A DEPTH SUITABLE FOR THE INSTALLATION OF INFRASTRUCTURE AND UTILITIES IN GRADE ABOVE, INCLUDING BUT NOT LIMITED TO STORM DRAINAGE, SANITARY SEWER, WATER, AND ASSOCIATED SERVICES. ALL SERVICE LINES FROM THE WELL SHALL BE COMPLETELY REMOVED. ANY WORK PERFORMED ON THE WELL MUST BE DONE BY A LICENSED UTILITY CONTRACTOR.
- 10. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING THE LOCATION & EXTENTS OF ANY SEPTIC SYSTEM AND REMOVING COMPLETELY. ANY REMOVAL MUST BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.
- ALL EXISTING DRAINAGE PIPES AND FENCES WITHIN DEVELOPED AREA SHALL BE REMOVED

EXISTING NOTE	TYPICAL NOTE TEXT	DEMOLITION NOTE
	PROPERTY LINE	
	_ ADJACENT LOT LINE	
	CONCRETE CURB & GUTTER	======
	SOIL ROAD	
X	WIRE FENCE	- XX
	NEUSE RIVER STREAM BUFFER	
100 YR 100 YR	— 100-YR FLOODPLAIN	
FP——FP	- FLOODWAY	
	UNDERGROUND WATER LINE	
	OVERHEAD WIRE	
F0F0	FIBER OPTIC	
	STORM SEWER	**********
	CURB INLET	
	SANITARY SEWER MAIN	
-6-	HYDRANT	Q-6-
Ø	UTILITY POLE/LIGHT	-•-
S	SANITARY MANHOLE	
W	WATER MANHOLE	
	GUY WIRE	
······	~ TREELINE	
•.•.•.	WETLANDS	
E=	LIGHT	=
	FLOOD PRONE SOILS	
1.475.7		
⊗ ^{WM} ₩V	WATER VALVE/METER	
VV IVI	WATER VALVE/METER MAILBOX	[<u>*</u>]



REVISIONS				
REV	DATE	COMMENT	BY	
1	11/16/18	REVISION PER CITY COMMENTS	CEM	
2	2/1/19	REVISIONS PER CITY COMMENTS	PMA	
3	3/4/19	REVISIONS PER CITY COMMENTS	PMA	



NOT APPROVED FOR CONSTRUCTION

It's fast. It's free. It's the law

DRAWN BY: SCALE:

PRELIMINARY

SUBDIVISION PLAN

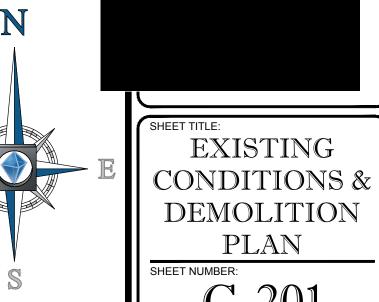
SHENANDOAH



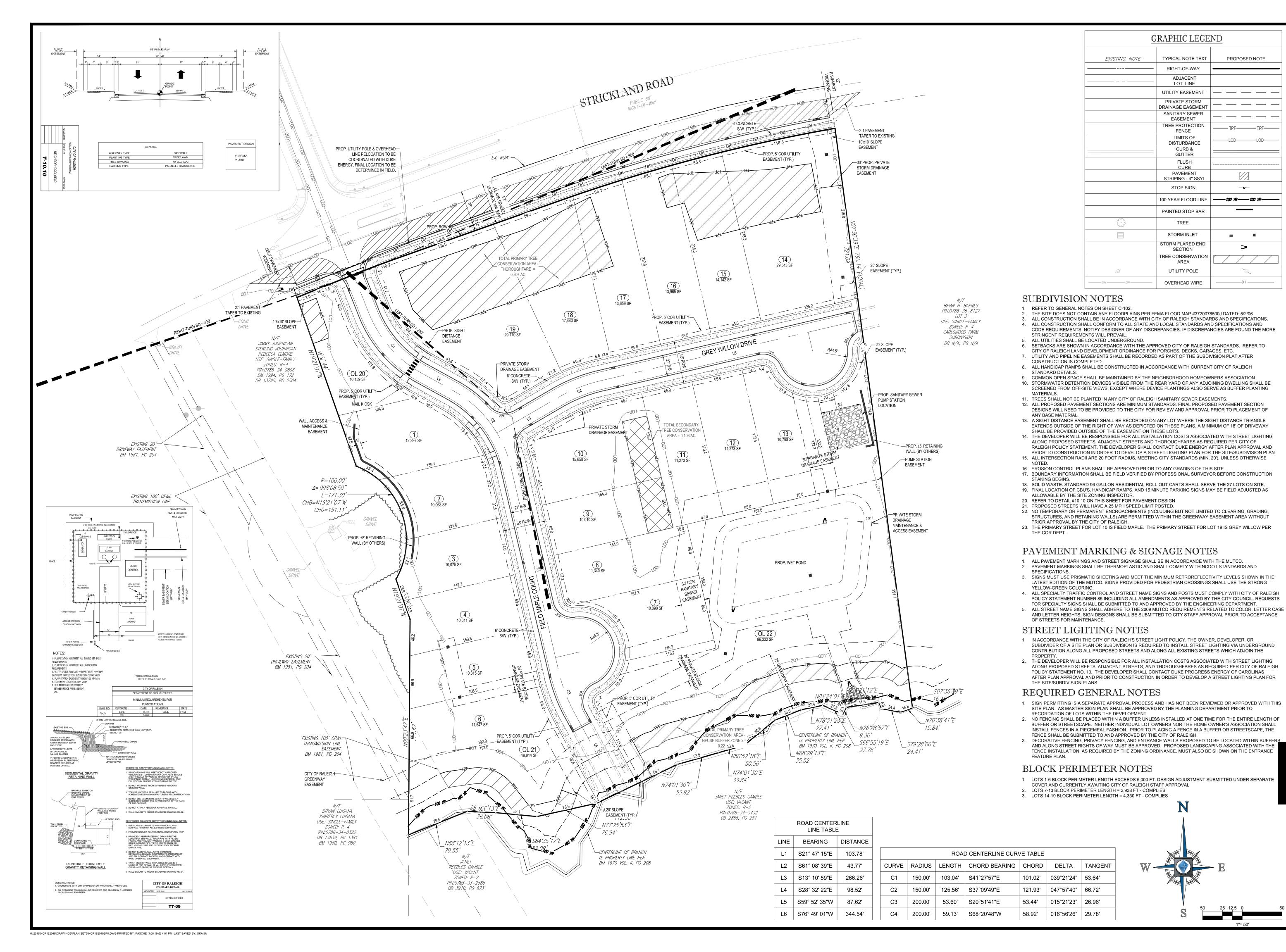
13001 STRICKLAND ROAD RALEIGH, NC WAKE COUNTY CASE #: S-50-2018 TRANSACTION #: 570625



RALEIGH, NC 27612 Phone: (919) 578-9000 NC@BohlerEng.com



C = 201



REVISIONS			
REV	DATE	COMMENT	BY
1	11/16/18	REVISION PER CITY COMMENTS	СЕМ
2	2/1/19	REVISIONS PER CITY COMMENTS	РМА
3	3/4/19	REVISIONS PER CITY COMMENTS	РМА



NOT APPROVED FOR CONSTRUCTION

It's fast. It's free. It's the law

DRAWN BY:

SCALE:

SUBDIVISION PLAN



LOCATION OF SITE 13001 STRICKLAND ROAD RALEIGH, NC WAKE COUNTY CASE #: S-50-2018 TRANSACTION #: 570625

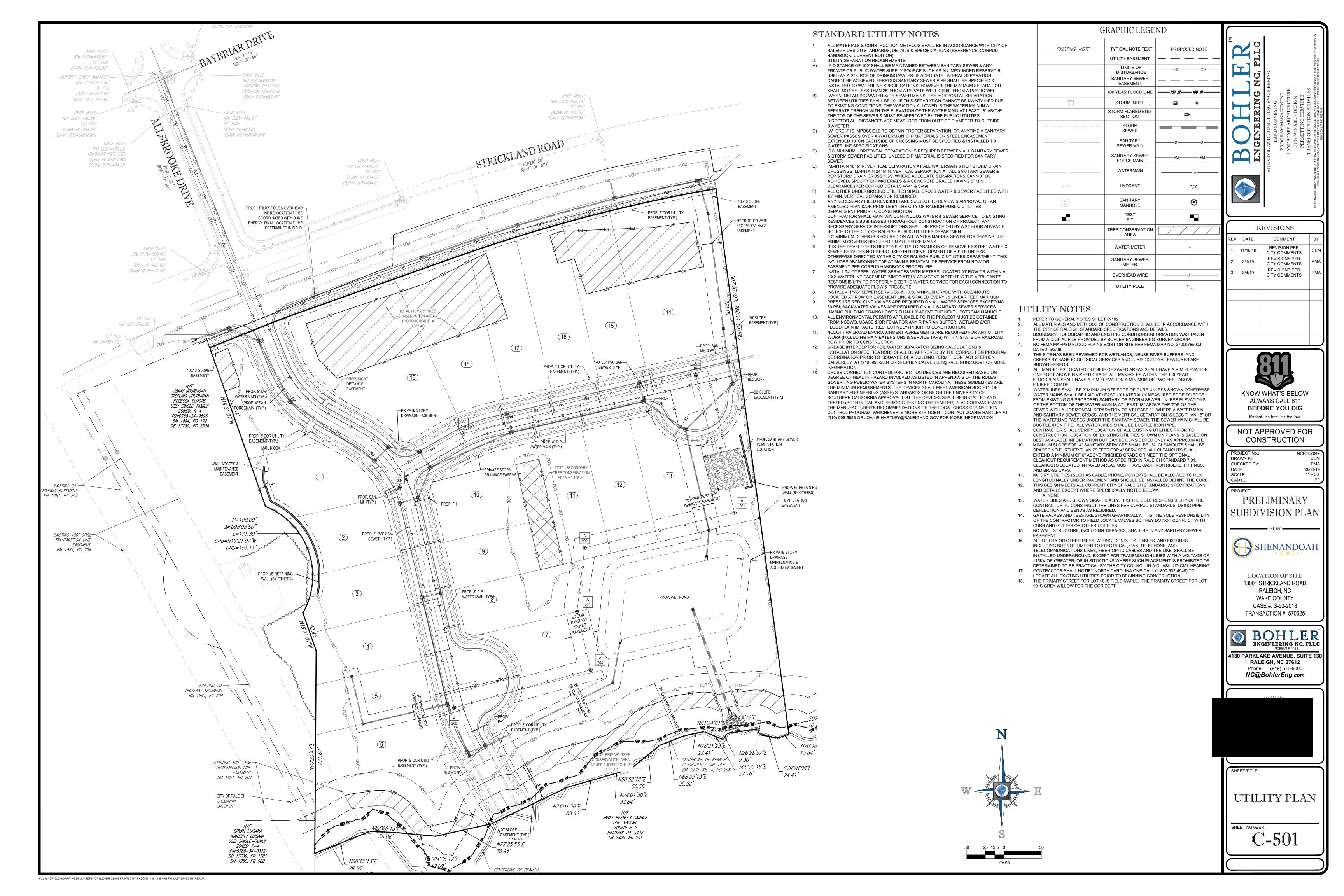


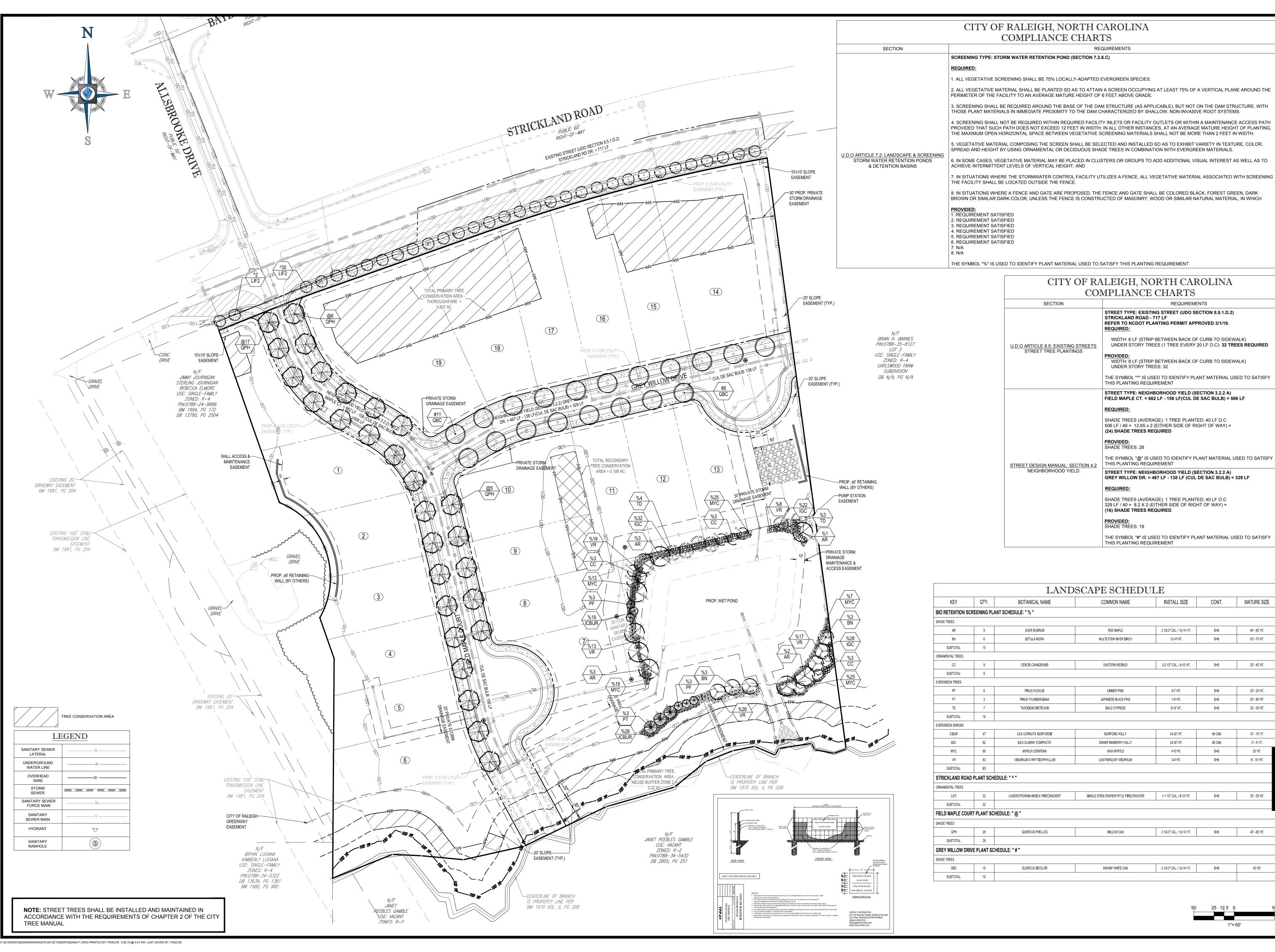
130 PARKLAKE AVENUE, SUITE 13 RALEIGH, NC 27612 Phone: (919) 578-9000

NC@BohlerEng.com



SUBDIVISION PLAN





REVISIONS DATE COMMENT **REVISION PER** 11/16/18 CITY COMMENTS REVISIONS PER CITY COMMENTS **REVISIONS PER** 3/4/19 CITY COMMENTS



NOT APPROVED FOR CONSTRUCTION

It's fast. It's free. It's the law.

DRAWN BY: SCALE:

SUBDIVISION PLAN

SHENANDOAL

LOCATION OF SITE 13001 STRICKLAND ROAD RALEIGH, NC WAKE COUNTY CASE #: S-50-2018 TRANSACTION #: 570625

MATURE SIZE

40' - 60' HT.

50' - 70' HT.

20' - 25' HT.

20' - 80' HT.

25' - 30' HT.

10' - 15' HT.

2' - 4' HT.

20' HT.

8' - 10' HT.

25' - 35' HT.

40' - 60' HT.

45' HT.

B+B

B+B

B+B

B+B

B+B

B+B

#5 CAN

B+B

B+B

B+B



130 PARKLAKE AVENUE, SUITE 13 RALEIGH, NC 27612 Phone: (919) 578-9000 NC@BohlerEng.com

LANDSCAPE PLAN