



October 21, 2015

Scott Mitchell
Timmons Group
5410 Trinity Rd. Suite 112
Raleigh, NC, 27607

Project Name: Sunset Grove

Location: Located on Mt. Gilead Church Rd, Chatham County

Subject Stream: Refer to Sheet 5 of buffer review packet: Timmons Group Figure 4: Preliminary Jurisdictional Waters of The U.S. Delineations Map

Date of Determination: October 14, 2015

Explanation: The features shown on the enclosed Timmons Group Location Exhibit map of Sunset Grove, have been located in accordance with Chatham County Watershed Protection Ordinance Section 304(B) Field Delineations. Each feature located on the Exhibit possesses characteristics that qualify it to be a stream or wetland.

Chatham County staff conducted a field visit on 10/14/15 to verify stream origins and is issuing this preliminary stream determination. The origin of Intermittent stream (F), on Timmons Groups exhibit will need to be updated to an origin located at a culvert under the current main access road leading into the site, and changed to Ephemeral. Ephemeral Stream (E) was verified to be true with Timmons groups original findings: its location and stream scoring. Both stream E & F will require a 30 foot ephemeral buffer per Chatham County stream buffer rules and regulations.

This on-site determination shall expire five (5) years from the date of determination. Landowners or affected parties that dispute a determination made by Chatham County may appeal. An appeal request must be made within sixty (60) days of date of this letter. A request for a determination by the Watershed Review Board shall be made in accordance with Section 304 of the Chatham County Watershed Protection Ordinance.

Shall this project require a Section 404/401 Permit for the proposed activity; any inquiries should be directed to the Division of Water Resources (Central Office) at (919)-807-6364 and the US Army Corp of Engineers (Raleigh Regulatory Field Office) at (919)-554-4884.

Respectfully,

Stewart Pickens
Environmental Officer

Enclosures: (Documents provided by consultant)

cc: Jason Sullivan, Chatham County Director of Planning
Dan LaMontagne, Chatham County Director of Environmental Quality



October 16, 2015

Timmons Group
Scott Mitchell

Project Name: Sunset Grove

Location: Located on Mt. Gilead Church Rd. Chatham County

Subject Stream: Stream E & F of Timmons Group Preliminary Riparian Drawing


Date of Determination: October 14, 2015

Explanation: Due to scheduling conflicts and errors, a preliminary site visit and stream evaluation was done by Chatham County on the 14th of October without the assistance of Justin Milstein of the Timmons Group. A further and more in depth site evaluation is in the process of being scheduled together at first convenience of schedules on both Chatham County and Timmons groups end. In the preliminary site evaluation both streams in question were located, but further review with both parties present needs, and is in the planning stage, of being held the week of 10/26-10/30. There are no major changes to Timmons group initial buffer determination to be expected.

This on-site determination shall expire five (5) years from the date of this letter. Landowners or affected parties that dispute a determination made by Chatham County may appeal. An appeal request must be made within sixty (60) days of date of this letter. A request for a determination by the Watershed Review Board shall be made in accordance with Section 304 of the Chatham County Watershed Protection Ordinance.

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Respectfully,



Stewart Pickens
Environmental Officer

cc: Jason Sullivan, Chatham County Director of Planning
Dan LaMontagne, Chatham County Director of Environmental Quality

Planning Department & Environmental Quality Department

FOR OFFICE USE:

Application Date: 8/24/15

Owner Name: Bryan Properties Inc.

Agent Name: Scott Mitchell

Parcel #: 17440 17441

Number of lots proposed: 7 Parent tract acreage: 107.02

Received by staff member: Lynn Richardson

Staff member assigned to: Stewart Pickens

Check List:

Fee \$ _____ Paid with Cash Check # _____

_____ Completed Tract Information Form

_____ Copy of Plat

_____ Signed Right to Enter Form

_____ Signed Owner's Agent Designation Form

This is the new report for sunset Grove w/new letter. flip

Site Review Completed on (Date): 10/14/15 Initials: SP

Findings: Stream F on Timmons Group preliminary TD waters map is ephemeral, with its origin located at a culvert pipe under gravel main drive. Stream E on preliminary map is also ephemeral. Both streams will require a 30 foot buffer.

(Scheduling difficulties delayed site-visit in beginning. Mistake on my end with on-site visit with Timmons Group)

Returned to applicant via: Mail E-Mail Pickup Date: 10-14-15 Initials: SP

Minor Subdivision Packet to applicant (check one): Yes No Date: _____ Initials: _____

Sent to Surveyor/Consultant (check one): E-Mail Pickup Date: 10-14-15 Initials: SP
Timmons Group

Office Review Completed on (date): _____ Initials: _____

Minor Subdivision approved (date): _____ Initials: _____

Field flagging approved by staff: _____



Website: www.chathamnc.org

Riparian Buffer Review Application

SURFACE WATER IDENTIFICATION REQUEST

****Use only for projects GREATER THAN 25 acres and GREATER THAN 5 lots****

Tract Information:

Parcel Identification Number(s) (AKPAR) 0017440 and 0017441

Total Acreage (area to be reviewed must be greater than 25 acres): 29.34 acres

Total number of new lots: 7

Watershed District (and name of creek if known): WS-IV PA, Parkers Creek

Property Owner: Bryan Properties, Inc

Location / Physical Address of Tract: Mt. Gilead Church Road

Driving Directions from Pittsboro: Route 64 East from Pittsboro for approx. 5 miles.

Turn left onto Mt. Gilead Church Road. Pull off into clearing on right across from
Silverberry Road.

Subdivision Name (if applicable): Sunset Grove (formerly called Copper Ridge)

Owner's / Agent's Contact Information:

Name: Scott Mitchell

Contact Phone Numbers: (h) _____ (w) 919-866-4952 (c) 919-669-0329

E-mail: scott.mitchell@timmons.com

Mailing Address: Scott Mitchell, Timmons Group, 5410 Trinity Rd, Suite 112, Raleigh, NC 27607

- Please check one: I would like to pick up the completed Riparian Buffer Review at the County Office
 I would like the completed Riparian Buffer Review mailed to me
 I would like the completed Riparian Buffer Review e-mailed to me

Please include with this request:

- Copy of Plat
 Surface Water Classification Scoring Sheets, Wetland Determination Data Forms & Photos
 Signed Right to Enter Property Form
 Signed Owner's Agent Designation Form (if applicable)
 Fee (TBD)

I have read and understand the regulations of the Watershed Protection Ordinance, Section 304, and I agree to adhere to these associated policies and guidelines herein.

Owner/Agent Signature: [Signature]



Website: www.chathamnc.org

AUTHORIZED AGENT FOR LEGAL REPRESENTATION FORM

PROPERTY LEGAL DESCRIPTION:

LOT NO. _____ PARCEL ID (PIN) 0017440 and 0017441 PARCEL SIZE 29.34 acres

STREET ADDRESS: Mt. Gilead Church Road

Please print:

Property Owner: Bryan Properties, Inc

Property Owner: _____

The undersigned, owner(s) of the above described property, do hereby authorize

Scott Mitchell & Justin Milstein, of Timmons Group
(Contractor/Agent) (Name of consulting firm if applicable)

to act on my/our behalf and take all actions, I/we could have taken if present, necessary for the processing, issuance and acceptance of reviews, inspections, or permits and any and all standard and special conditions attached to these approvals. The activities authorized include the following (**initial all that apply**):

- Building Permit
- Zoning Compliance Permits
- Floodplain Determination
- Soil Erosion and Sedimentation Control Permit
- Permits to install, repair, evaluate, or expand onsite wastewater system(s)
- Evaluation/inspection/permitting of a private drinking water well(s)
- Riparian Buffer Review pursuant to §304 of the Chatham County Watershed Protection Ordinance
- Other: _____

Property Owner's Address (if different than property above):

Bryan Properties, Inc., 400 Market Street, Suite 115, Chapel Hill, NC 27516

Owner Telephone: 919-933-4422

Email: Sarah @ bpropnc . com

We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.

Sarah KOB
Owner Authorized Signature

[Signature]
Agent Authorized Signature

Date: 8/24/15

Date: 8-24-15



LAND & WATER RESOURCES DIVISION
Environmental Quality Department
PHONE: (919) 545-8394

Website: www.chathamnc.org

Authorization to Enter Property Form

Date: 8/24/2015

PARCEL No. (AKPAR) 0017440 and 0017441

I, (print name) Sarah O'Brien, as owner of the property described above, or as a representative of the owner(s) do hereby convey permission to Chatham County staff to enter the property at their convenience to conduct a surface water identification (SWID) necessary to determine whether or not water features on my property are subject to the riparian buffer regulations described in Section 304 of the Chatham County Watershed Protection Ordinance. The SWID will be public record and on file at the Planning and Environmental Quality Departments, and may be requested in the future for review by interested parties.

I understand that stream delineations for the property listed above will be made by County staff only once and that if future subdivisions are proposed within this property boundary, it will require a surface water identification by a private consultant at the property owner's expense.

Sarah O'Brien
(Print Owner's Name)

[Signature]
(Signature of Owner)

8/24/15
(Date)

Scott Mitchell
(Print Authorized Agent Name)

[Signature]
(Signature of Authorized Agent)

8-24-15
(Date)



LAND & WATER RESOURCES DIVISION
Environmental Quality Department

P.O. Box 548
Pittsboro, NC 27312
PHONE: (919) 545-8394

Fax: (919) 542-2698 • E-mail stewart.pickens@chathamnc.org • Website: www.chathamnc.org

October 21, 2015

Scott Mitchell
Timmons Group
5410 Trinity Rd. Suite 112
Raleigh, NC, 27607

Project Name: Sunset Grove

Location: Located on Mt. Gilead Church Rd, Chatham County

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Respectfully,



Stewart Pickens
Environmental Officer

Enclosures: (Documents provided by consultant)

cc: Jason Sullivan, Chatham County Director of Planning
Dan LaMontagne, Chatham County Director of Environmental Quality



CHATHAM COUNTY, NC

Property Map

Disclaimer:
The data provided on this map are prepared for the inventory of real property found within
Chatham County, NC and are compiled from recorded plats, deeds, and other public records
and data. This data is for informational purposes only and should not be substituted
for a true file search, property appraisal, survey, or for zoning verification.

Parcel Number: 17440

Map Number: 9772-59-2771.000

Owner Name: HAW/ RIVER BAPTIST CHURCH INC

Owner Address: 1099 MT GILEAD CHURCH RD

Owner City: PITTSBORO

Owner State: NC

Owner Zip: 27312

Tax Year: 2017

Description: N5-55

Deed Book: 765

Deed Page: 0244

Plat Book: 98

Plat Page: 0326

Deed Acres: 15.361

Physical Address: MT GILEAD CHURCH RD

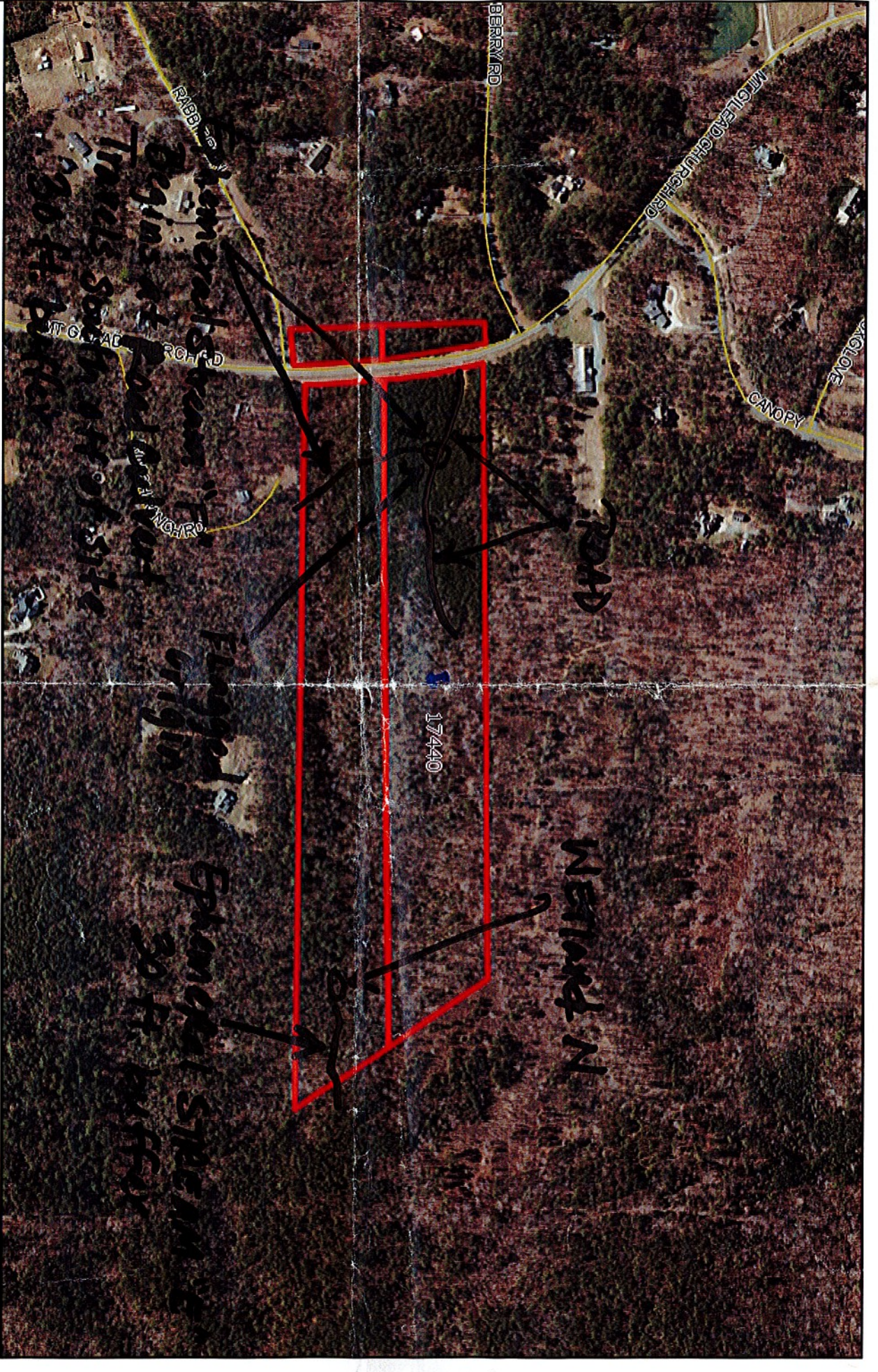
Improvement Value: 0

Land Value: 230392

Fire District: 107

Township Code: 11

One Inch = 400 Feet



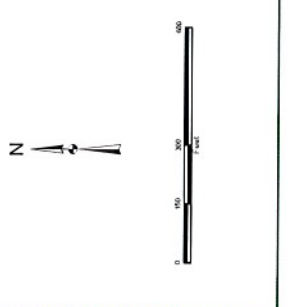


Stream Identifier	Stream Name	Stream Type	Stream Order	Stream Length (ft)	Stream Area (sq ft)	Stream Volume (cu ft)	Stream Velocity (ft/s)	Stream Discharge (cfs)	Stream Velocity (ft/s)	Stream Discharge (cfs)
1	Stream 1	Perennial	1	100	10000	100000	1.0	100	1.0	100
2	Stream 2	Perennial	2	200	40000	400000	2.0	400	2.0	400
3	Stream 3	Perennial	3	300	90000	900000	3.0	900	3.0	900
4	Stream 4	Perennial	4	400	160000	1600000	4.0	1600	4.0	1600
5	Stream 5	Perennial	5	500	250000	2500000	5.0	2500	5.0	2500
6	Stream 6	Perennial	6	600	360000	3600000	6.0	3600	6.0	3600
7	Stream 7	Perennial	7	700	490000	4900000	7.0	4900	7.0	4900
8	Stream 8	Perennial	8	800	640000	6400000	8.0	6400	8.0	6400
9	Stream 9	Perennial	9	900	810000	8100000	9.0	8100	9.0	8100
10	Stream 10	Perennial	10	1000	1000000	10000000	10.0	10000	10.0	10000
11	Stream 11	Perennial	11	1100	1210000	12100000	11.0	12100	11.0	12100
12	Stream 12	Perennial	12	1200	1440000	14400000	12.0	14400	12.0	14400
13	Stream 13	Perennial	13	1300	1690000	16900000	13.0	16900	13.0	16900
14	Stream 14	Perennial	14	1400	1960000	19600000	14.0	19600	14.0	19600
15	Stream 15	Perennial	15	1500	2250000	22500000	15.0	22500	15.0	22500
16	Stream 16	Perennial	16	1600	2560000	25600000	16.0	25600	16.0	25600
17	Stream 17	Perennial	17	1700	2890000	28900000	17.0	28900	17.0	28900
18	Stream 18	Perennial	18	1800	3240000	32400000	18.0	32400	18.0	32400
19	Stream 19	Perennial	19	1900	3610000	36100000	19.0	36100	19.0	36100
20	Stream 20	Perennial	20	2000	4000000	40000000	20.0	40000	20.0	40000

- Legend**
- Parcel Limits - 107.8 acres
 - Perennial Stream (R3)
 - Intermittent Stream (R4)
 - Ephemeral Stream (R6)
 - Wetlands

NOTES:

1. WATERS OF THE U.S. WITHIN THE PROJECT STUDY LIMITS HAVE BEEN GPS LOCATED BY TIMMONS GROUP ENGINEERS AND FIELD OBSERVATIONS CONFIRMED BY THE U.S. ARMY CORPS OF ENGINEERS.
2. PROJECT STUDY LIMITS ARE APPROXIMATE.
3. IMAGERY FROM ESRI ONLINE.
4. COWARDING STREAM CLASSIFICATIONS ARE BASED ON FIELD OBSERVATIONS. NO FORMAL STREAM ASSESSMENT WAS CONDUCTED TO DETERMINE THESE COWARDING CLASSIFICATIONS.



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NC DWQ Stream Identification Form Version 4.11

STREAM (F)

Date: 10/14/15	Project/Site: SUNSET GROVE	Latitude:
Evaluator: S. Pickens	County: Chatham	Longitude:
Total Points: Stream is at least intermittent if ≥ 19 or perennial if ≥ 30 17	Stream Determination (circle one) Ephemeral Intermittent Perennial	Other e.g. Quad Name:

A. Geomorphology (Subtotal = 9.5)

	Absent	Weak	Moderate	Strong
1 ^a Continuity of channel bed and bank	0	(1)	2	3
2. Sinuosity of channel along thalweg	0	(1)	2	3
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0	1	(2)	3
4. Particle size of stream substrate	0	(1)	2	3
5. Active/relict floodplain	(0)	1	2	3
6. Depositional bars or benches	0	(1)	2	3
7. Recent alluvial deposits	(0)	1	2	3
8. Headcuts	0	1	(2)	3
9. Grade control	0	0.5	(1)	1.5
10. Natural valley	0	(0.5)	1	1.5
11. Second or greater order channel	No = 0		Yes = 3	

^a artificial ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = 5.5)

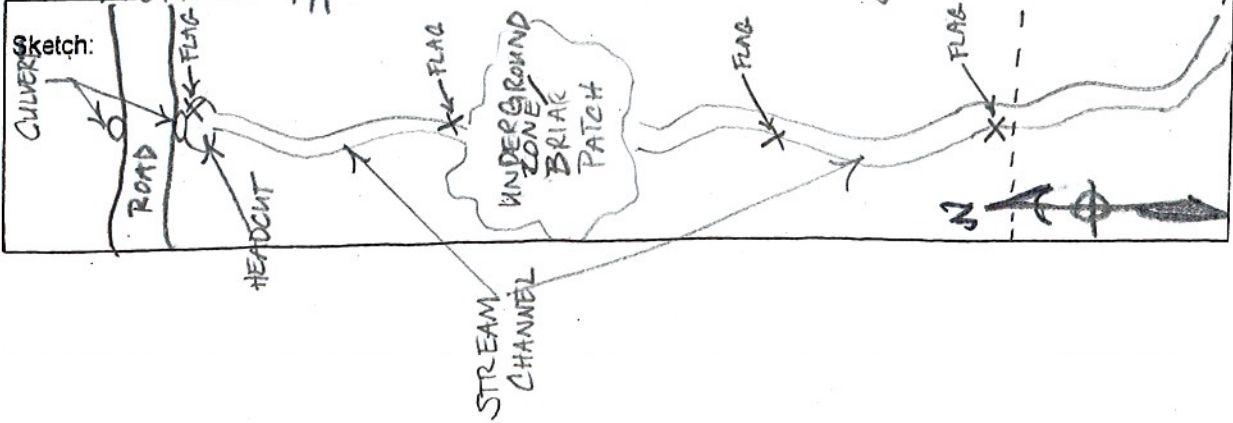
12. Presence of Baseflow	(0)	1	2	3
13. Iron oxidizing bacteria	(0)	1	2	3
14. Leaf litter	1.5	1	0.5	(0)
15. Sediment on plants or debris	0	(0.5)	1	1.5
16. Organic debris lines or piles	0	0.5	1	(1.5)
17. Soil-based evidence of high water table?	No = 0		Yes = 3	

C. Biology (Subtotal = 2)

18. Fibrous roots in streambed	3	2	(1)	0
19. Rooted upland plants in streambed	3	2	(1)	0
20. Macroinvertebrates (note diversity and abundance)	(0)	1	2	3
21. Aquatic Mollusks	(0)	1	2	3
22. Fish	(0)	0.5	1	1.5
23. Crayfish	(0)	0.5	1	1.5
24. Amphibians	(0)	0.5	1	1.5
25. Algae	(0)	0.5	1	1.5
26. Wetland plants in streambed	FACW = 0.75; OBL = 1.5 Other = 0			

*perennial streams may also be identified using other methods. See p. 35 of manual.

Notes: Channel begins at Culvert pipe, moves under ground through wetland-type area and re-channelizes just after Briar Patch.



NC DWQ Stream Identification Form Version 4.11

STREAM (E)

Date: 10/14/15	Project/Site: SUNSET GROVE	Latitude:
Evaluator: S. Pickins	County: Chatham Co.	Longitude:
Total Points: 110 <i>Stream is at least intermittent if ≥ 19 or perennial if ≥ 30*</i>	Stream Determination (circle one) Ephemeral Intermittent Perennial	Other e.g. Quad Name:

A. Geomorphology (Subtotal = 11)

	Absent	Weak	Moderate	Strong
1 ^a Continuity of channel bed and bank	0	1	(2)	3
2. Sinuosity of channel along thalweg	0	(1)	2	3
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0	(1)	2	3
4. Particle size of stream substrate	0	(1)	2	3
5. Active/relict floodplain	(0)	1	2	3
6. Depositional bars or benches	0	(1)	2	3
7. Recent alluvial deposits	0	(1)	2	3
8. Headcuts	0	1	(2)	3
9. Grade control	0	0.5	(1)	1.5
10. Natural valley	0	0.5	(1)	1.5
11. Second or greater order channel	No = 0		Yes = 3	

^a artificial ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = 2.5)

12. Presence of Baseflow	(0)	1	2	3
13. Iron oxidizing bacteria	(0)	1	2	3
14. Leaf litter	1.5	1	0.5	(0)
15. Sediment on plants or debris	0	(0.5)	1	1.5
16. Organic debris lines or piles	0	(0.5)	1	1.5
17. Soil-based evidence of high water table?	No = 0		Yes = 3	

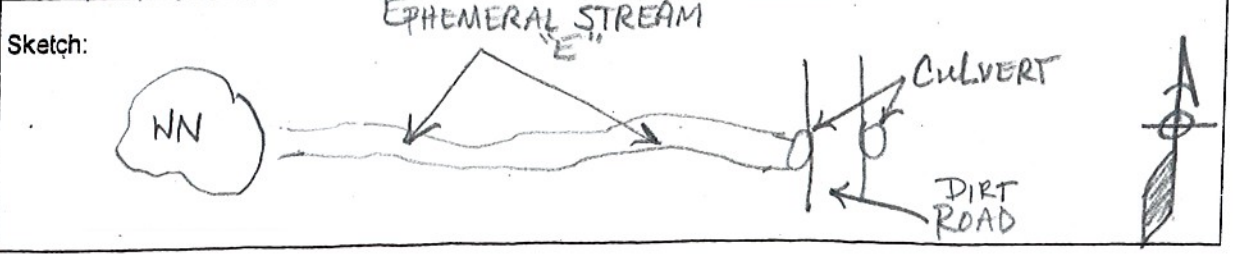
VERY WEAK

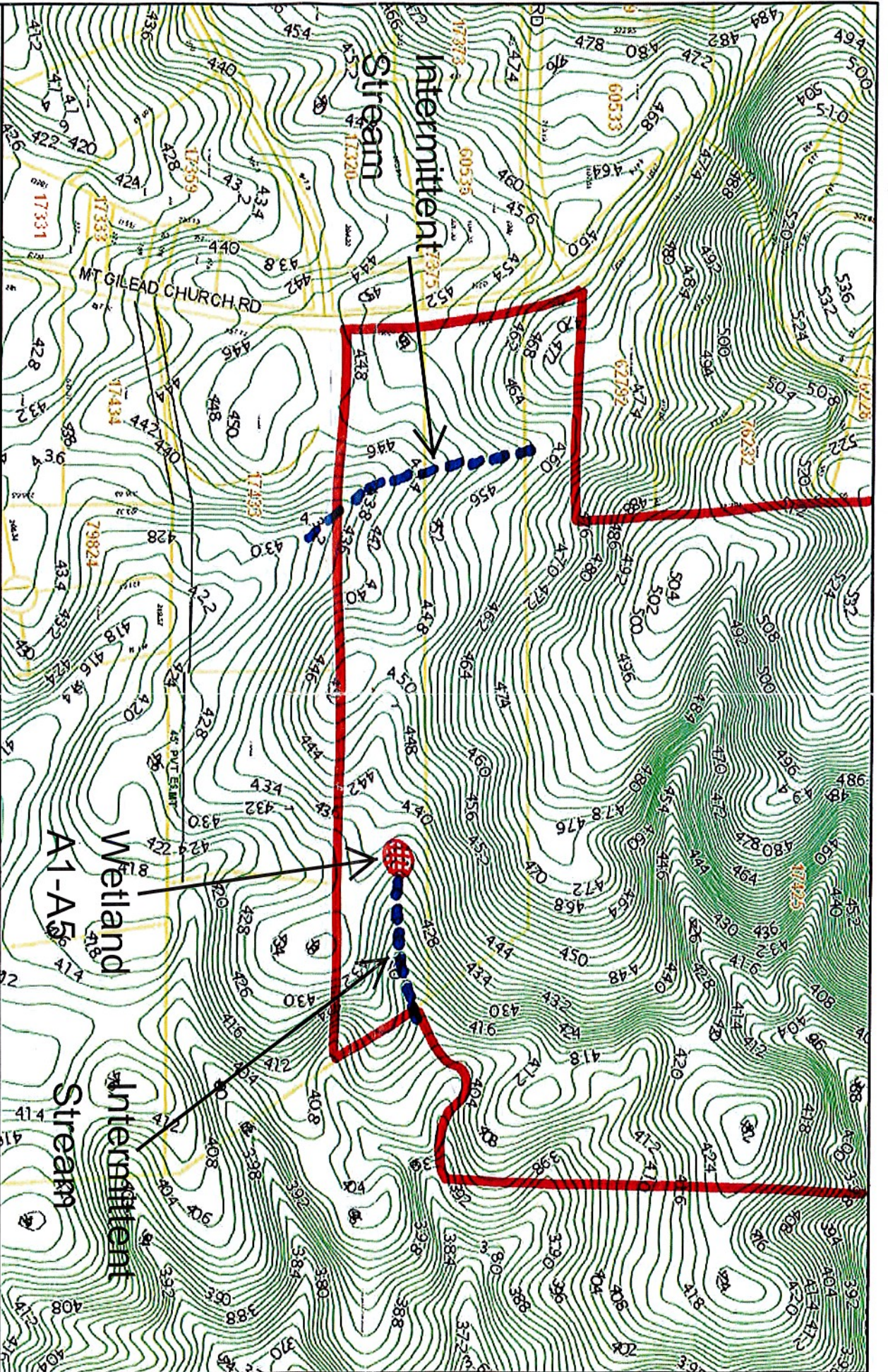
C. Biology (Subtotal = 2.5)

18. Fibrous roots in streambed	3	2	(1)	0
19. Rooted upland plants in streambed	3	(2)	1	0
20. Macroinvertebrates (note diversity and abundance)	(0)	1	2	3
21. Aquatic Mollusks	(0)	1	2	3
22. Fish	(0)	0.5	1	1.5
23. Crayfish	(0)	0.5	1	1.5
24. Amphibians	(0)	0.5	1	1.5
25. Algae	(0)	0.5	1	1.5
26. Wetland plants in streambed	FACW = 0.75; OBL = 1.5 Other = 0			

*perennial streams may also be identified using other methods. See p. 35 of manual.

Notes: Drainage from wetland "N" forms channel ephemeral channel to the east.





CHATHAM COUNTY, NC

Copper Ridge

Copper Ridge Subdivision - Preliminary wetlands delineation for two additional tracts. Suitable for preliminary planning purposes only. Not yet approved by the Corps, DWR, or Chatham County.



Disclaimer:
This map was prepared for the inventory of real property found within Chatham County, NC and is based on recorded plat, deed, and other public records and data. This data is for informational purposes only and should not be substituted for a true title search, property appraisal, survey, or for zoning verification.

June 4, 2015

One Inch = 400 Feet





GENERAL NOTE:
1. A BOUNDARY SURVEY HAS NOT BEEN PERFORMED.

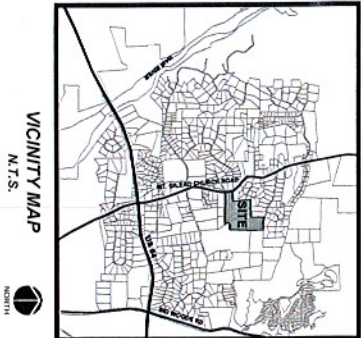
381 GUILDFORD AVE. SUITE 200
RALEIGH, NC 27603
PHONE: 919-361-9700
www.cegroupinc.com



- APPROXIMATE STREAM BUFFERS
- EXISTING CEMETERY
- CONVENTIONAL SOILS
- SUB-SURFACE DRIP SOILS

SITE DATA:	
PN:	9773-60-6982
	9773-58-2771
	9773-58-4420
SITE AREA:	± 107.82 AC
TOTAL LOTS:	± 43 LOTS
AVERAGE LOT SIZE:	± 1.8 AC
LENGTH OF ROADS:	± 7,200 LF

**COPPER RIDGE
CONCEPT PLAN**
(WITHOUT COUNTY WATER)
CHATHAM COUNTY, NC
MARCH 5, 2015
AKPAR: 17425, 17440, 17441





Submitted by Timmons Group

LAND & WATER RESOURCES DIVISION
Environmental Quality Department

PHONE: (919) 545-8394

Website: www.chathamnc.org

Riparian Buffer Review Application

SURFACE WATER IDENTIFICATION REQUEST

****Use only for projects GREATER THAN 25 acres and GREATER THAN 5 lots****

Tract Information:

Parcel Identification Number(s) (AKPAR) 0017440 and 0017441

Total Acreage (area to be reviewed must be greater than 25 acres): 29.34 acres
Total number of new lots: 7

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Property Owner: Bryan Properties, Inc

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Turn left onto Mt. Gilead Church Road. Pull off into clearing on right across from
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Owner's / Agent's Contact Information:

Name: Scott Mitchell

Contact Phone Numbers: (h) _____ (w) 919-866-4952 (c) 919-669-0329

E-mail: scott.mitchell@timmons.com

Mailing Address: Scott Mitchell, Timmons Group, 5410 Trinity Rd, Suite 112, Raleigh, NC 27607

- Please check one: I would like to pick up the completed Riparian Buffer Review at the County Office
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Please include with this request:

- Copy of Plat
- Surface Water Classification Scoring Sheets, Wetland Determination Data Forms & Photos
- Signed Right to Enter Property Form
- Signed Owner's Agent Designation Form (if applicable)
- Fee (TBD)

I have read and understand the regulations of the Watershed Protection Ordinance, Section 304, and I agree to adhere to these associated policies and guidelines herein.

Owner/Agent Signature: [Signature]

Applications can be mailed to: Planning Dept., PO Box 54, Pittsboro, NC 27312
For Questions, please contact: Lynn Richardson at 919-542-8207



LAND & WATER RESOURCES DIVISION
Environmental Quality Department

PHONE: (919) 545-8394

Website: www.chathamnc.org

Authorization to Enter Property Form

Date: 8/24/2015

PARCEL No. (AKPAR) 0017440 and 0017441

I, (print name) Sarah O'Brien, as owner of the property described above, or as a representative of the owner(s) do hereby convey permission to Chatham County staff to enter the property at their convenience to conduct a surface water identification (SWID) necessary to determine whether or not water features on my property are subject to the riparian buffer regulations described in Section 304 of the Chatham County Watershed Protection Ordinance. The SWID will be public record and on file at the Planning and Environmental Quality Departments, and may be requested in the future for review by interested parties.

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Sarah O'Brien
(Print Owner's Name)

Sarah O'Brien
(Signature of Owner)

8/24/15
(Date)

Scott Mitchell
(Print Authorized Agent Name)

[Signature]
(Signature of Authorized Agent)

8-24-15
(Date)



Website: www.chathamnc.org

AUTHORIZED AGENT FOR LEGAL REPRESENTATION FORM

PROPERTY LEGAL DESCRIPTION:

LOT NO. _____ PARCEL ID (PIN) 0017440 and 0017441 PARCEL SIZE 29.34 acres

STREET ADDRESS: Mt. Gilead Church Road

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Property Owner: Bryan Properties, Inc

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(Contractor/Agent) (Name of consulting firm if applicable)

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- Riparian Buffer Review pursuant to §304 of the Chatham County Watershed Protection Ordinance
- Other: _____

Property Owner's Address (if different than property above):
Bryan Properties, Inc., 400 Market Street, Suite 115, Chapel Hill, NC 27516

Owner Telephone: 919-933-4422 Email: Sarah @ bpropnc . com

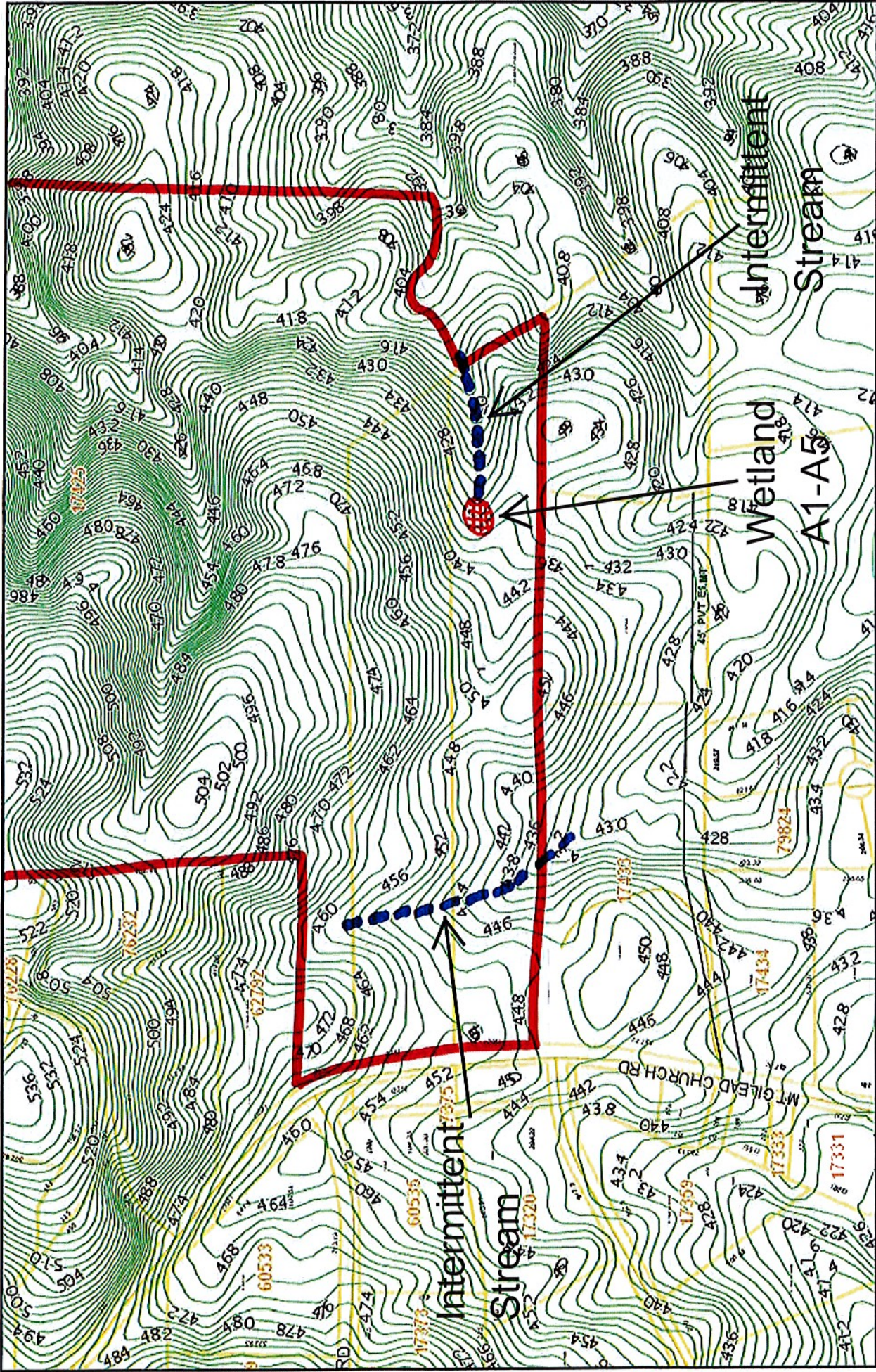
We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.

Sarah KOBri
Owner Authorized Signature

[Signature]
Agent Authorized Signature

Date: 8/24/15

Date: 8-24-15



CHATHAM COUNTY, NC



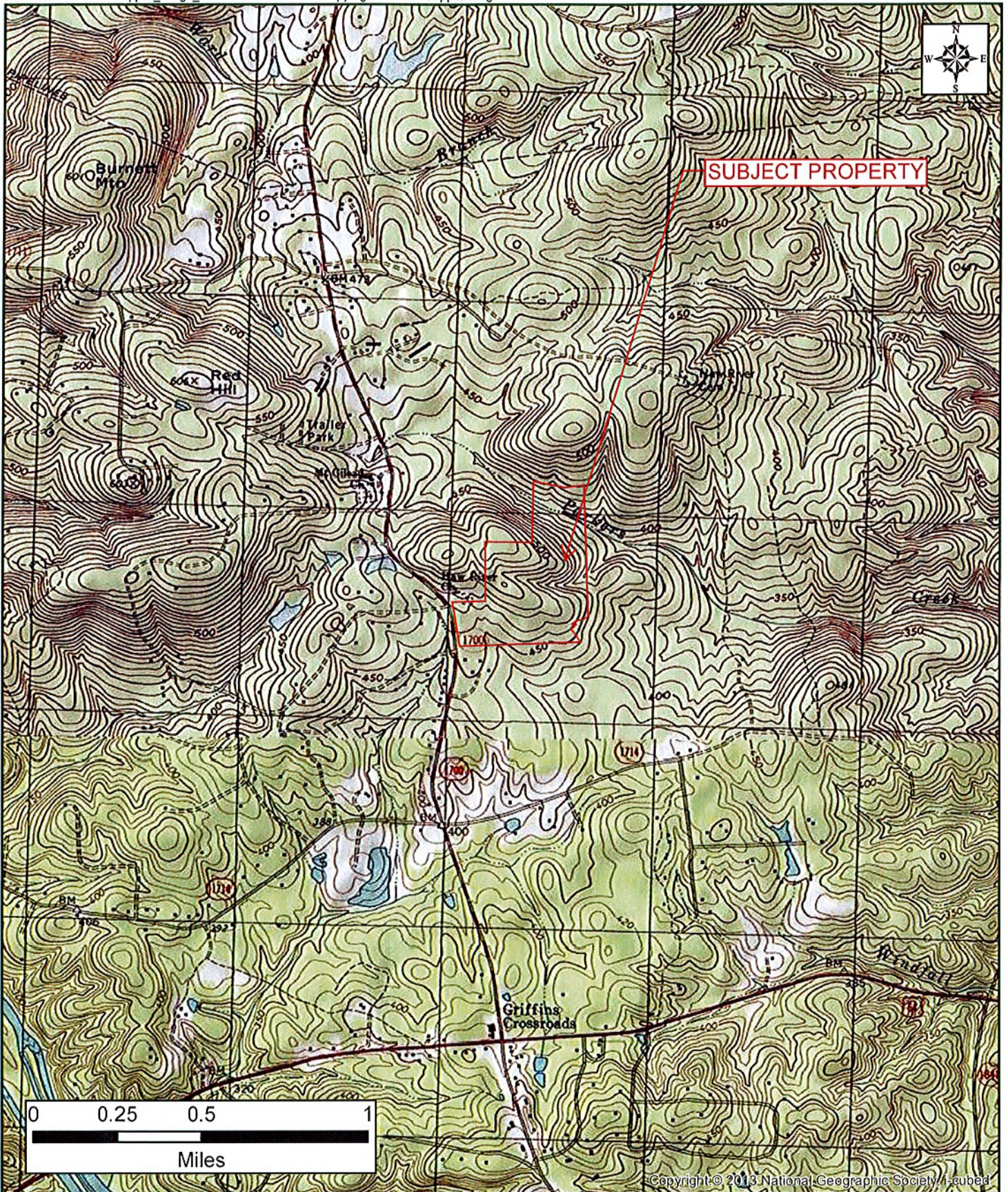
Copper Ridge

Copper Ridge Subdivision - Preliminary wetlands delineation for two additional tracts. Suitable for preliminary planning purposes only. Not yet approved by the Corps, DWR, or Chatham County.

June 4, 2015

One Inch = 400 Feet

Disclaimer:
The data provided on this map are prepared for the inventory of real property found within Chatham County, NC and are compiled from recorded plats, deeds, and other public records and data. This data is for informational purposes only and should not be substituted for a true life search, property appraisal, survey, or for zoning verification.



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COPPER RIDGE SUBDIVISION
 CHATHAM COUNTY, NORTH CAROLINA
 VICINITY MAP

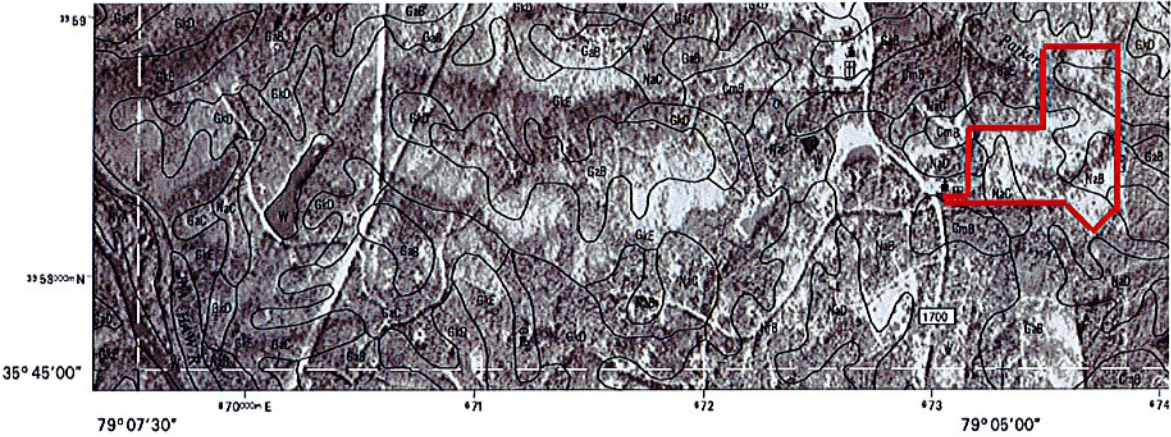
TIMMONS GROUP
 YOUR VISION ACHIEVED THROUGH OURS.

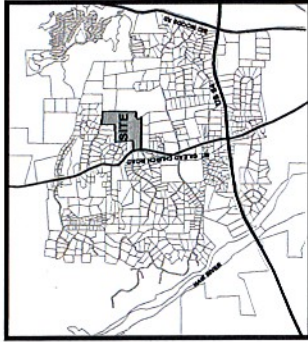
TIMMONS GROUP JOB NUMBER: 36673
 PROJECT STUDY LIMITS: 107.82 ACRES
 LATITUDE: 35° 45' 23.79" N
 LONGITUDE: 79° 04' 52.22" W

U.S.G.S. QUADRANGLE(S): FARRINGTON
 DATE(S): 1999
 WATERSHED(S): HAW
 HYDROLOGIC UNIT CODE(S): 03030002

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Parker Springs site (red) at south end of Farrington Quad – see separate Adobe map below for complete Farrington Quad





VICINITY MAP
N.T.S.

COPPER RIDGE CONCEPT PLAN (WITHOUT COUNTY WATER) CHATHAM COUNTY, NC

MARCH 5, 2015

AKPAR: 17425, 17440, 17441

SITE DATA:	
PIN:	9773-60-6982 9772-59-2771 9772-59-4420
SITE AREA:	± 107.82 Ac.
TOTAL LOTS:	± 43 LOTS
AVERAGE LOT SIZE:	± 1.8 Ac.
LENGTH OF ROADS:	± 7,200 LF

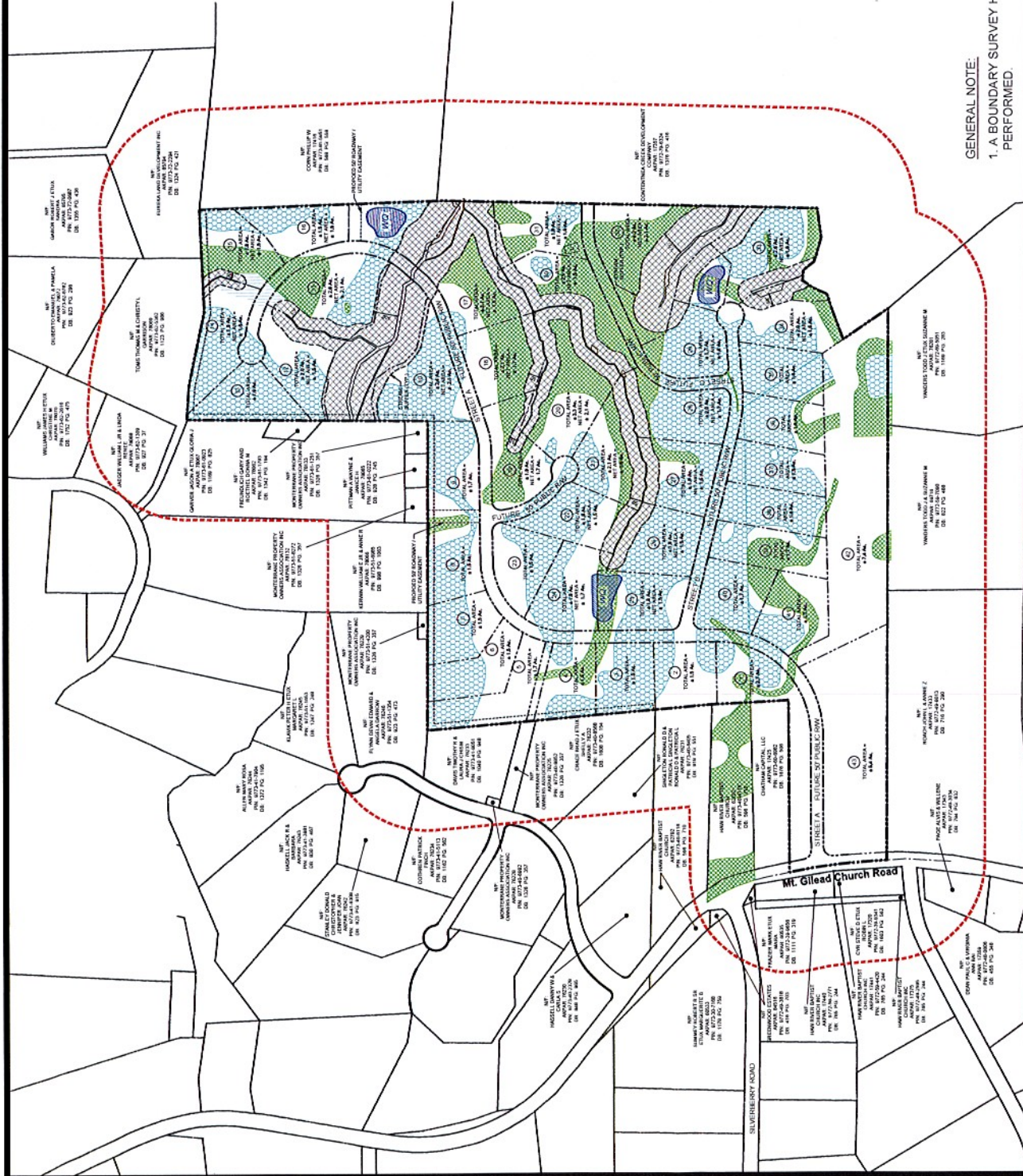
- APPROXIMATE STREAM BUFFERS
- EXISTING CEMETERY
- CONVENTIONAL SOILS
- SUB-SURFACE DRIP SOILS



NORTH



CE GROUP
301 GARDNER ROAD
RALEIGH, NC 27603
PHONE: 919-387-8790
www.cegroupinc.com



GENERAL NOTE:
1. A BOUNDARY SURVEY HAS NOT BEEN PERFORMED.

