

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Section 1 - Community Data:

If there are any changes or corrections to the information in this section, please line out the old item and write in the correction.

Community: Orange County State: NC NFIP Number: 370342

Recertification Date: 10/01/2015

Chief Executive Officer:

Name: Ms. Bonnie Hammersley Title: County Manager

Address: P.O. Box 8181, Hillsborough, NC 27278

CRS Coordinator:

Name: Mr. Michael Harvey Title: Planner III

Address: 131 West Margaret Lane, Hillsborough, NC 27278

Coordinator's Phone: (919) 245-2577 Fax:

e-mail address : mharvey@orangecountync.gov

We are maintaining, to the best of my knowledge and belief, in force all flood insurance policies that have been required of us as a condition of federal financial assistance for insurable buildings owned by us and located in the Special Flood Hazard Area shown on our Flood Insurance Rate Map.

Section 2 – Certification:

I hereby certify that this community is continuing to implement the activities noted below as credited under the Community Rating System and described in our original application and subsequent modifications.

Signed:  Date: 9/29/15
Ms. Bonnie Hammersley, County Manager

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Section 3 - Community Activities:

Your community has been verified as currently receiving CRS credit for the following activities. If your community is still implementing the listed activities, the CRS Coordinator should confirm by placing his/her initials in the blank. Some activities require documentation to be returned with the Annual Recertification form. (The numbers to the left of each statement refer to activity numbers as outlined in the *CRS Coordinator's Manual*)

- 310: We are maintaining Elevation Certificates on all new and substantially improved buildings in our Special Flood Hazard Area.
- 310: We have issued 1 (insert number) permits for new construction and substantial improvements in the Special Flood Hazard Area in the last year.
- N/A 310: Attached are 5 Elevation Certificates for new or substantially improved structures that have been completed in the last year.
- 320: We are providing Flood Insurance Rate Map information upon request and information on the flood insurance purchase requirement. This service is publicized to local lenders, real estate agents and insurance agents annually and we maintain a log, letters or other records of this service.
- 330: **Attached** is a copy of this year's annual outreach project to the community and to residents in the SFHA.
- 330: Our additional outreach project(s) continues on an annual basis.
- 340: People looking to purchase floodprone property are being advised of the flood hazard through our credited hazard disclosure measures.
- 350: Our public library continues to maintain flood protection materials.
- 350: We continue to provide current floodplain information on our community website.
- 410: The State of North Carolina continues to be a Cooperating Technical Partner with FEMA.
- 420: We continue to preserve our open space in the floodplain.
- 430: We continue to enforce the floodplain management provisions of our zoning, subdivision and building code ordinances. [Initial here if you have amended your floodplain regulations. **Attach** a copy of the amendment.]
- 440: We continue to update our mapping data base and utilize it for regulatory purposes.
- 450: We continue to enforce positive drainage, soil and erosion control, and water quality regulations.

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

- ✓ 502: We currently have 0 repetitive loss properties and send our notice to _____ properties in the repetitive loss areas.
- ✓ 503: **Attached is a copy of this year's outreach project which discusses property protection, flood insurance and sources of financial assistance for property protection to all residents in our repetitive loss area(s).**
- ✓ 510: **Attached is a copy of our updated hazard mitigation plan and proof of adoption.**
- ✓ 520: We continue to maintain as open space the lots where buildings were acquired or relocated out of the floodplain.
- ✓ 540: We continue to enforce regulations to prohibit dumping in the drainage system.

ORANGE COUNTY, NORTH CAROLINA

COMMUNITY RATING SYSTEM ANNUAL RE-CERTIFICATION

2014-2015

ACTIVITY 310:

This is a summary of floodplain development permit issued for properties containing Special Flood Hazard Area (SFHA) Overlay District zoning from October 1, 2014 through September 29, 2015.

1. **April 9, 2015** Approval of a development project for 2 parcels of property off of Neville Creek, identified utilizing Orange County Parcel Identification Numbers (PIN) 9768-11-1753 and 9767-29-5749. According to the applicant the project was intended to re-establish protective vegetative cover along the waterway and would not involve the excavation of any property or call for the depositing of fill material(s) in or near the identified floodplain area.

Staff prepared a Site Assessment Map denoting required stream buffers and the floodplain as part of the permit approval.

Approval letter and Site Assessment are attached.

Michael Harvey

From: mherrmann <mherrmann@watershedinvestmentsnc.net>
Sent: Tuesday, March 24, 2015 5:33 PM
To: Michael Harvey
Subject: Neville Creek Floodplain Conservation Project
Attachments: OrangeCo_Buffer.pdf

Mr. Harvey – I am working with 2 landowners along Neville Creek to reforest and protect areas that include floodplains. Our work is limited to the planting of native trees in areas adjacent to the stream shown in the attached map. There is no excavation or fill associated with the project.

The State's Division of Water Resources requires that I inform you of the work and request a response from you on whether the project activities will require additional floodplain analysis. Would you please provide me your determination as to what additional information you will need in order for us to proceed with the conservation project?

Thank you,

Mike

Mike Herrmann
1630 Weatherford Circle
Raleigh, NC 27604
(p) 919-559-6264
mherrmann@watershedinvestmentsnc.net
www.watershedinvestmentsnc.net

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Site Assessment for PIN: 9768-11-1753

Site Data

Zoning: Rural Buffer (RB)
 Acreage: 129 acres +/-
 Overlay Districts: University Lake Protected Watershed Overlay ;
 Special Flood Hazard Area (SFHA) Overlay District
 Plat/Legal Description: Unknown
 Recorded Declarations/Covenants: Unknown

Zoning Requirements

Min. Lot Size: 87,120 sq. ft. (2 acres)
 Min. lot width: 130'
 Maximum height: 25'
 Building Setbacks:
 -Front (and Corner lots) = 40' from public rights-of-way
 -Side Setbacks = 20' from side lot lines
 -Rear Yard Setback = 20' from rear lot lines

Density is limited to 1 unit for every 5 acres (Section 4.2.4)

Environmental Features

-Stream buffer are located on the property - 100 ft. stream buffer (per Section 6.13) - shown.

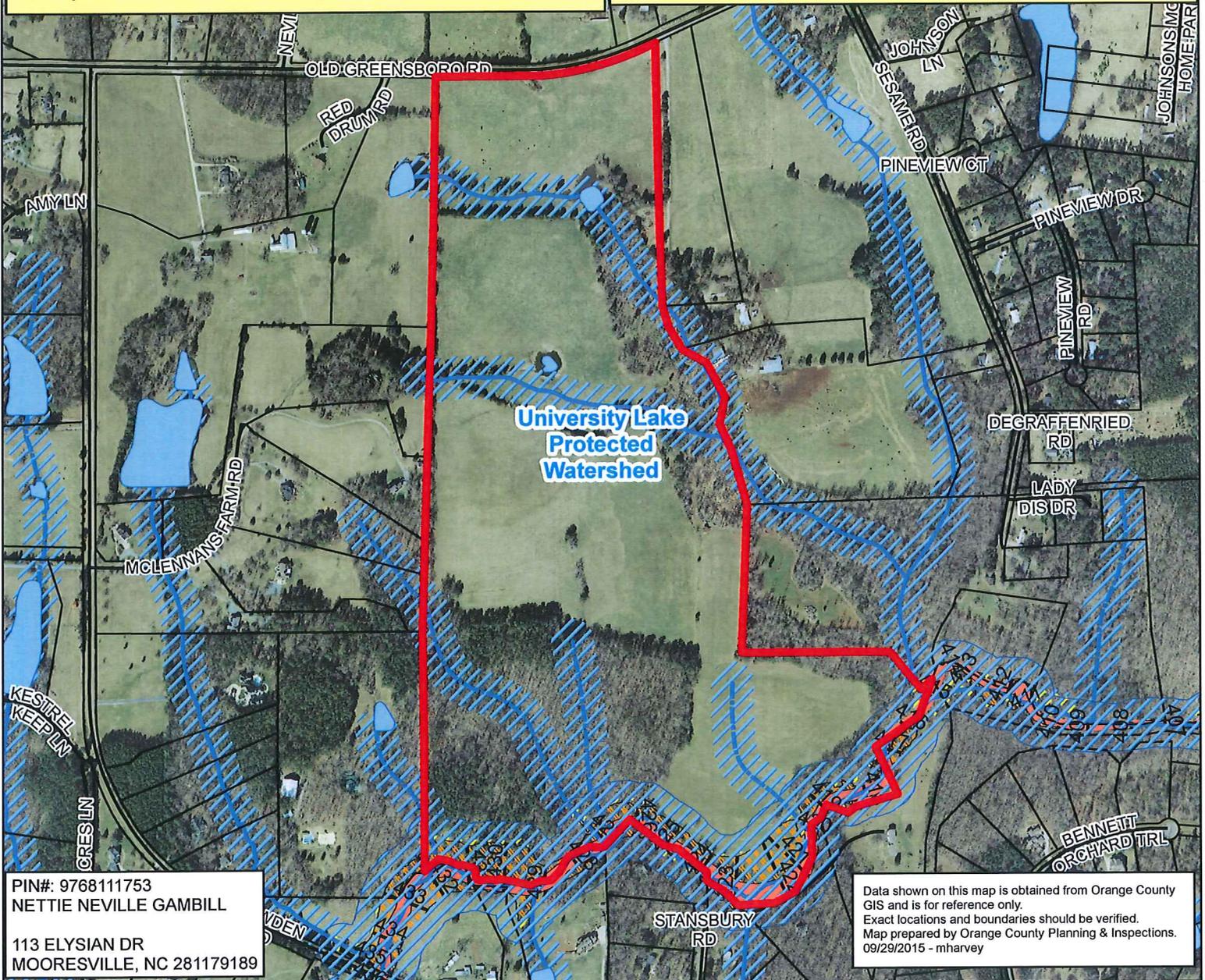
There is floodplain on the property and 100 ft. stream buffer measured off of same per the UDO (SFHA Overlay District)
 -- BFE for property: 431 ft. (433 ft. with County freeboard)

Impervious Surface Limits: 6% based on UDO (Sec 4.2.6)

Land Disturbance Thresholds

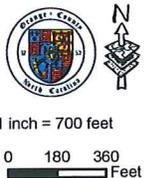
- 1) Environmental Control Permit required if disturbing more than 10,000 sq.ft.; and
- 2) Stormwater Management Permit required if disturbing more than 43,560 sq. ft. for residential structures.

Date Site Assessment Completed: 4/9/2015 by MDH



PIN#: 9768111753
 NETTIE NEVILLE GAMBILL
 113 ELYSIAN DR
 MOORESVILLE, NC 281179189

Data shown on this map is obtained from Orange County GIS and is for reference only. Exact locations and boundaries should be verified. Map prepared by Orange County Planning & Inspections. 09/29/2015 - mharvey



Site Assessment for PIN: 9767-29-5479

Site Data

Zoning: Rural Buffer (RB)
 Acreage: 8.7 acres
 Overlay Districts: University Lake Protected Watershed Overlay ;
 Special Flood Hazard Area (SFHA) Overlay District
 Plat/Legal Description: PB 99 / PG 194
 Recorded Declarations/Covenants: Unknown

Zoning Requirements

Min. Lot Size: 87,120 sq. ft. (2 acres)
 Min. lot width: 130'
 Maximum height: 25'
Building Setbacks:
 -Front (and Corner lots) = 40' from public rights-of-way
 -Side Setbacks = 20' from side lot lines
 -Rear Yard Setback = 20' from rear lot lines

Density is limited to 1 unit for every 5 acres (Section 4.2.4)

Environmental Features

-Stream buffer are located on the property - 100 ft. stream buffer (per Section 6.13) - shown.

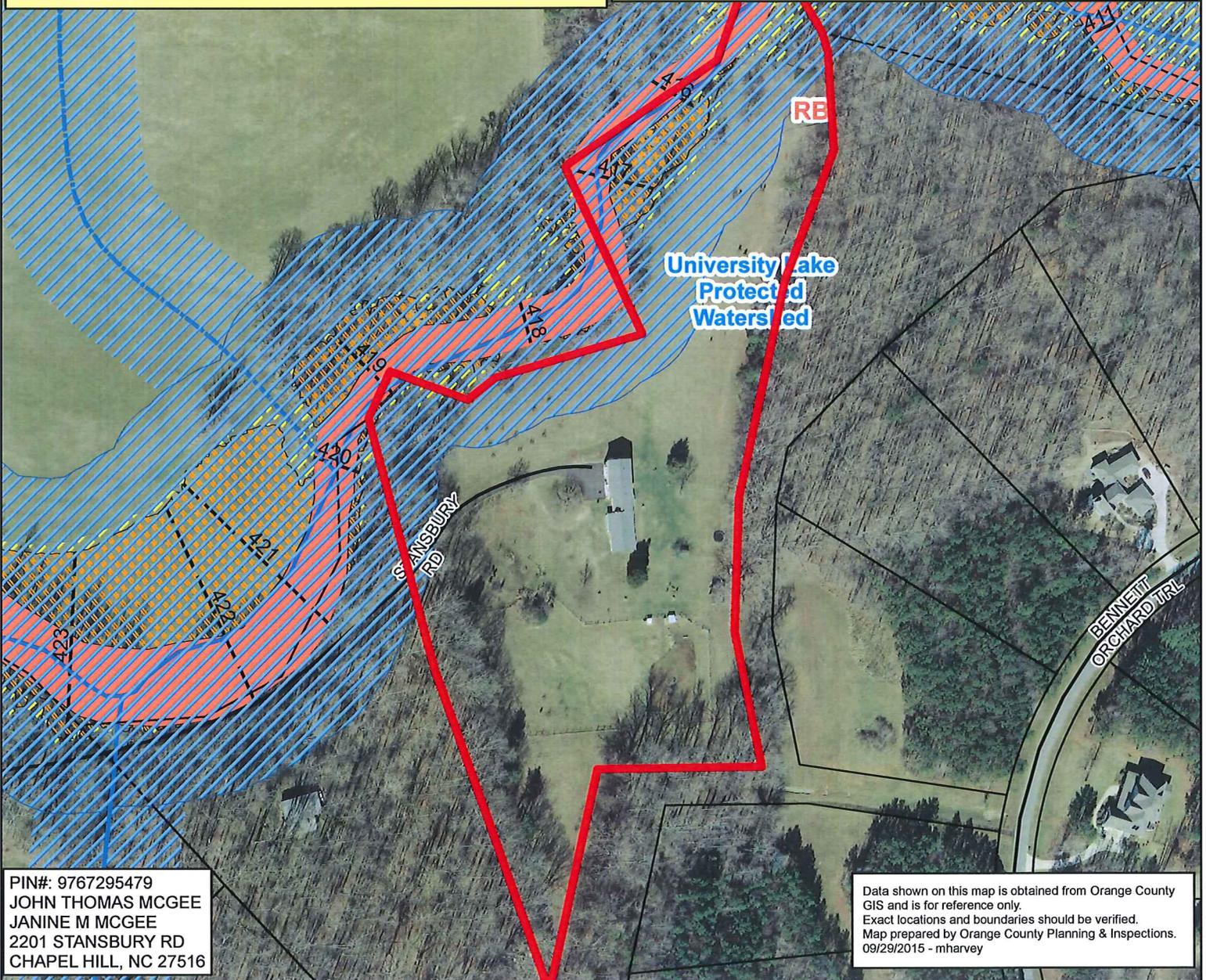
There is floodplain on the property and 100 ft. stream buffer measured off of same per the UDO (SFHA Overlay District)
 -- BFE for property: 420 ft. (422 ft. with County freeboard)

Impervious Surface Limits: 6% based on UDO (Sec 4.2.6)

Land Disturbance Thresholds

- 1) Environmental Control Permit required if disturbing more than 10,000 sq.ft.; and
- 2) Stormwater Management Permit required if disturbing more than 43,560 sq. ft. for residential structures.

Date Site Assessment Completed: 4/9/2015 by MDH



PIN#: 9767295479
 JOHN THOMAS MCGEE
 JANINE M MCGEE
 2201 STANSBURY RD
 CHAPEL HILL, NC 27516

Data shown on this map is obtained from Orange County GIS and is for reference only. Exact locations and boundaries should be verified. Map prepared by Orange County Planning & Inspections. 09/29/2015 - mharvey

- Floodplain Buffer 100ft
- Streets
- Stream Buffer 100ft
- USGS Stream
- Soils Survey Stream
- Parcels
- Zoning
- Watershed
- 100 YR Floodplain (Effective 02/02/07)
- Floodway (Effective 02/02/07)
- 500 Year Floodplains (Effective 02/02/07)
- Base Flood Elevation (Symbol)



1 inch = 200 feet
 0 50 100 Feet

ORANGE COUNTY PLANNING & INSPECTIONS DEPARTMENT

Craig N. Benedict, AICP, Director

Current Planning
(919) 245-2575
(919) 644-3002 (FAX)
www.co.orange.nc.us



131 West Margaret Lane
P O Box 8181
Hillsborough,
North Carolina, 27278



April 9, 2015

Mike Herrmann
1630 Weatherford Circle
Raleigh, NC 27604

RE: ORANGE COUNTY FLOOD PERMIT DETERMINATION – proposed establishment of conservation area and replanting of vegetation within identified Special Flood Hazard Area (SFHA) Overlay District for 2 parcels of property (PINs 9768-11-1753 and 9767-29-5479)

To Whom It May Concern:

Orange County is in receipt of a Floodplain Development Permit proposing the reforestation of property within an identified floodplain. Specifically, the project will involve the planting of native trees along Neville Creek to on the following parcels:

1. An approximately 112 acre parcel of property owned by Nettie Gambill, no assigned physical address, identified utilizing Orange County Parcel Identification Number (PIN) 9768-11-1753, and
2. An approximately 8.7 acre parcel of property owned by John and Janine McGee with a physical street address of 2201 Stansbury Road further identified utilizing Orange County Parcel Identification Number (PIN) 9767-29-5479.

The parcels identified herein are both zoned:

- Rural Buffer (RB),
- University Lake Protected Watershed Protection Overlay District, and
- Special Flood Hazard Area Overlay District (SFHA)

The SFHA district, as you are already aware, indicates there is identified floodplain on the 2 properties, as denoted on Federal Insurance Rate Maps (FIRM) number 3701983100J panel(s) 9768 and 9767 J respectively with an effective date of February 2, 2007 (hereafter 'the property').

The project is intended to reestablish protective vegetative cover along the aforementioned waterway. According to the information supplied to staff the project will not involve the excavation of existing land, or the depositing of fill material, within the floodplain. The submitted map does not indicate the presence of wetlands within the project area (hereafter 'the project').

As a result of the properties being located within the SFHA district, development projects are required to demonstrate compliance with established flood regulations as embodied within the Orange County Unified Development Ordinance (UDO). The County also has regulations requiring the protection of the natural areas around water features (i.e. stream buffers) regulations as detailed within Article 6 of the UDO.

Staff has been asked to review the proposal and determine compliance with applicable County regulations. This project involves the review of several agencies, most notably the NC Department of Environment and Natural Resources (DENR), in determining the viability of the project. This letter only focuses on any local (i.e. Orange County) permit standards and does not presume to identify requirements associated with any other permitting process.

Upon review of the proposal, staff would like to offer the following comments:

1. The request has been submitted in accordance with the provisions of Section 2.6.2 *Floodplain Development Permit and Certificate Requirements – Plans and Application Requirements* of the UDO.
2. Per Section 6.13.6 *Stream Buffers – Uses Allowable Within Stream Buffers* of the UDO 'restoration of stream buffers' is allowed as a 'matter of right' within identified stream buffers.
3. In reviewing the submitted plan the project does not call for the depositing of fill material within the identified floodplain or the floodway.

Grading activities will be limited to those portions of the project requiring the actual disturbance of land area for the purpose of re-establishing native vegetation.

4. In reviewing the submitted site plan there does not appear to be any alteration of existing grade or the 'mass grading' of property to accommodate the project.
5. Per Section 6.6.1 (14) of the UDO disturbance projects within identified floodplains shall: '*minimize flood damage consistent with these and other applicable County regulations*'.

Based on the submitted documentation it would appear the project will comply with applicable development guidelines associated with the SFHA Overlay District and is consistent with FEMA regulations governing land disturbance activities within identified floodplain areas.

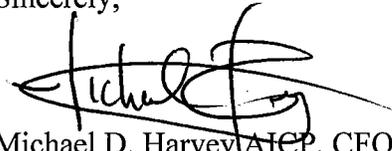
Based on the submitted documentation, and in accordance with Section 2.6.2 of the UDO, staff can issue **approval** for the project, from both a zoning and flood permitting standpoint. The project **will not** require additional floodplain analysis as the reestablishment of

vegetation is not deemed to create/impact existing floodways. The project, in fact, will help to bring the property back into compliance with applicable stream buffer regulations and further stabilize the banks of Neville Creek.

Please note land disturbing activities shall be permitted to commence once **all other required permitting processes** have been adhered to, including any applicable Erosion Control permits issued by Orange County and any required State/Federal permits, with copies of said authorizations being provided to the County for our records.

The Orange County Planning department looks forward to continue working with you on this project. Please contact staff at (919) 245-2575 for additional assistance.

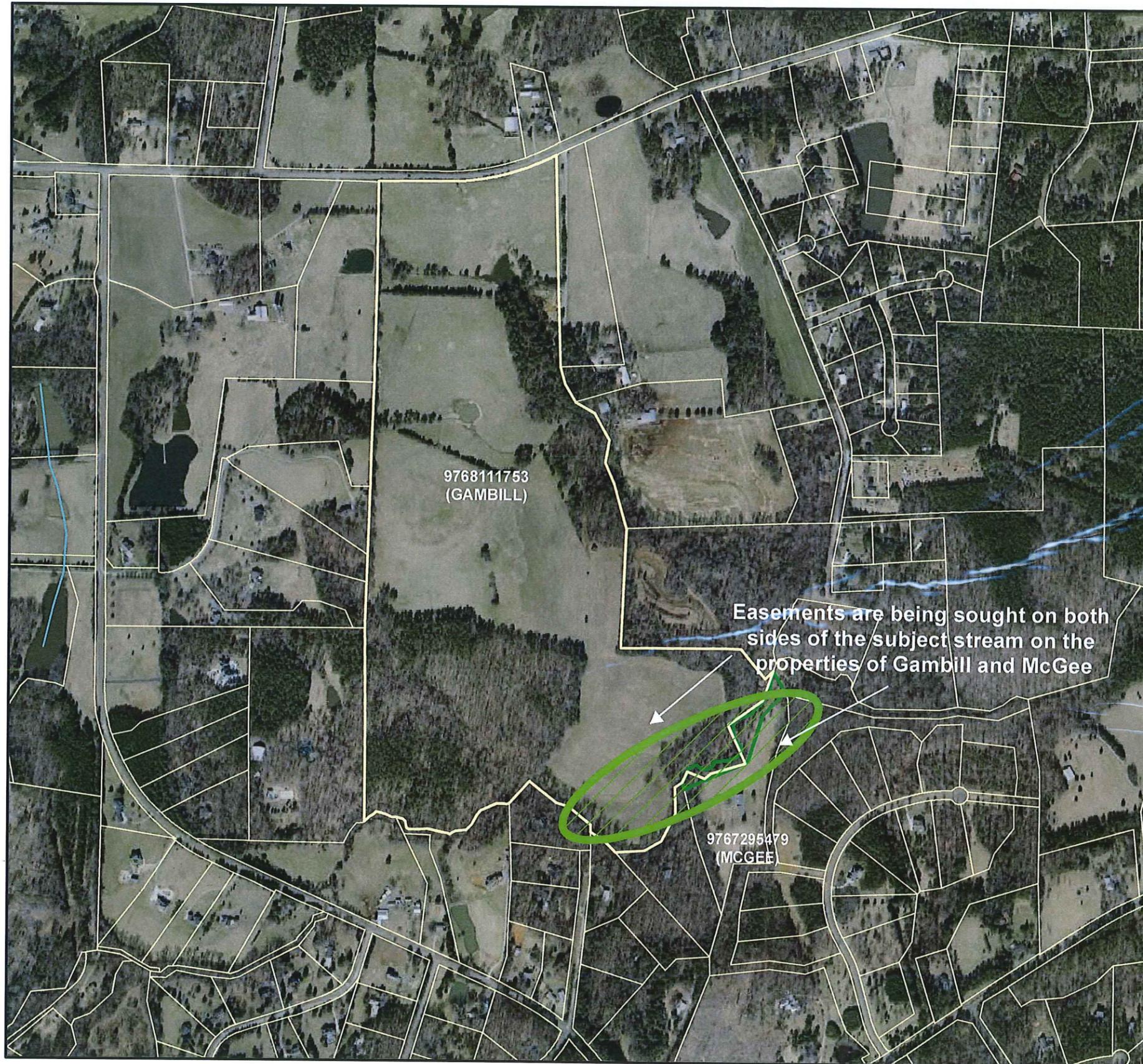
Sincerely,

A handwritten signature in black ink, appearing to read "Michael D. Harvey". The signature is stylized and somewhat cursive, with a large initial "M" and "H".

Michael D. Harvey AICP, CFO, CZO
Current Planning Supervisor
Orange County

CC: Craig Benedict, Planning Director
Howard Fleming Jr, Erosion Control
Wesley Poole, Erosion Control
James Bryan, Staff Attorney
File

Gambrill Proposed Conservation Area - Neville Creek



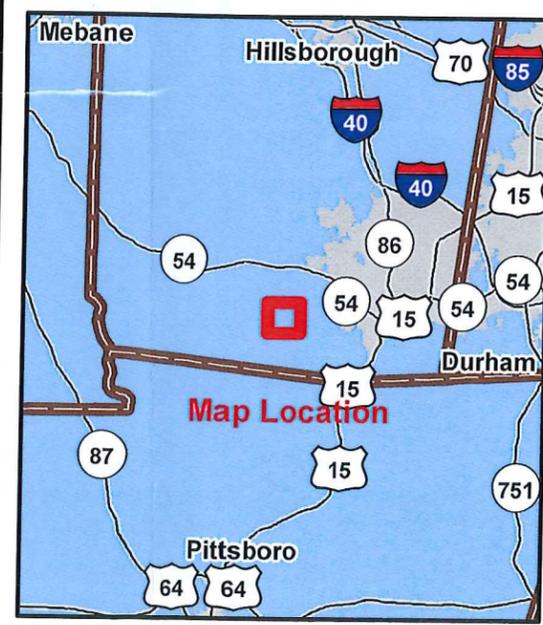
Legend

-  Parcel Boundary
-  Draft Conservation Area
-  County Boundary

Data may not be 100% accurate and is intended for planning purposes only. Consent of the landowner is required prior to initiating any restoration activity. Actual restoration area will be determined in consult with the landowner after their agreement to participate on a project.



0 750 1,500 Feet



ORANGE COUNTY, NORTH CAROLINA

COMMUNITY RATING SYSTEM ANNUAL RE-CERTIFICATION

2014-2015

ACTIVITY 330 AND 503 – ANNUAL COMMUNITY OUTREACH:

There were multiple letters sent out during the 2014-2015 cycle including:

1. A letter to property owners with existing flood insurance reminding them of our participation in the CRS program and encouraging them to review their current policy with their insurance carrier. Approximately 19 letters were sent. In previous years we have sent anywhere from 5 to 10 letters.

There are approximately 35 houses within the County that have some 'involvement' within the floodplain (all pre-firm).

2. A courtesy letter sent out to property owners whose property is encumbered by identified floodplains, realtors, insurance agents, developers, surveyors, informing them of the services offered by the County, with respect to floodplain development, and providing 'tips' on what they can do to either mitigate flood damage on their property or simple steps they can take to ensure their safety during a flood event.

This letter also includes information on a new service offered by the County, specifically the completion of a site assessment. This assessment, which utilizes Orange County Geographic Information Service (GIS) data, is intended to identify environmental conditions that may restrict the overall development of property. Data provided on this assessment includes, but are not limited to:

- a. Location of streams,
- b. Required stream buffers,
- c. Required minimum setbacks for structures from property lines,
- d. Location of floodplain and required base flood elevation requirements,
- e. Impervious surface limits for the property,
- f. Erosion Control and Stormwater management land disturbance thresholds, specifically focusing on identifying if an erosion control permit or a stormwater management plan will be required based on the anticipated/proposed level of land disturbance,
- g. The presence of conservation or utility easements impacting the location of structure and/or utility systems (i.e. well and septic).

Approximately 1,900 of these letters were sent.

3. In October of 2014 staff was initiating the process to adopt new FIRM maps. To that end we scheduled a public hearing to review the new FIRM maps and scheduled 3 information sessions for local residents to meet with staff and discuss the impacts of the proposed changes. Approximately 1,900 letter were sent out. Unfortunately this public hearing was cancelled due to inclement weather.

It should be noted that in the intervening period staff was informed by State FEMA officials there was an error in the FIRM map data. As a result we currently do not have certified/final FIRM maps. Staff will have to engage in a new outreach effort this fall in preparation for a February 2016 public hearing to adopt the new FIRM maps. This information will be captured in the 2015-2016 CRS report.

Staff has taken the liberty of including various e-mails from State FEMA officials providing additional context on this issue.

Letter 1
2014-2015 CRS
Activity 330 and 503

PLANNING & INSPECTIONS DEPARTMENT
Craig N. Benedict, AICP, Director

Current Planning
(919) 245-2575
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www.orangecountync.gov


ORANGE COUNTY
NORTH CAROLINA

131 W. Margaret Lane
Suite 201
P. O. Box 8181
Hillsborough, NC 27278



July 1, 2015

RE: **REMINDER** – Flood Insurance Policy Holders – Benefits of participating in the National Flood Insurance Program and Community Rating System

As you are already aware from past correspondence Orange County has been a member of the National Flood Insurance Program (NFIP) since approximately 1976. As part of this program initiative the County chose to voluntarily participate in the Community Rating System (CRS) program in an effort to assist local residents with the cost of securing flood insurance.

CRS is a voluntary, incentive based program, which is part of NFIP that recognizes and encourages community floodplain management activities exceeding minimum, established, development standards. It is through the adoption and enforcement these 'heightened' development restrictions that local property owners receive a savings on their flood insurance premiums.

On December 13, 2011 the NFIP, on the behalf of FEMA, awarded Orange County a CRS score of eight (8) resulting in a discount of approximately 10 percent (10%) on flood insurance premium rates.

Property owners receive this discount due to the County's efforts in achieving the three central goals of the CRS program, including:

1. Reduce flood losses,
2. Facilitate accurate insurance rating, and
3. Promote the awareness of flood insurance.

As a result of our continued participation in the CRS program, and maintaining of our program initiatives, all existing flood insurance premiums for structures located within a floodplain are subject to the aforementioned ten percent (10%) percent discount. The County is committed to bolster our flood hazard mitigation program in a continuing effort to ensure affordable flood insurance for local residents. While we are unable to guarantee further reductions in insurance rates, we will continue our efforts to ensure preservation of the existing CRS rating and the aforementioned discount.

As indicated herein you are receiving this letter because, according to our records, you currently have a flood insurance policy on your property.

This is an annual reminder sent by the Department to encourage you to review your current insurance policy with your insurance agent to ascertain what discounts are available and review existing coverage thresholds to ascertain if they are sufficient. If you have not completed a comprehensive review of your policy in several years, staff encourages you to do so now.

Staff would also like to remind you we still provide assistance, with respect to existing flood regulations and FIRM data, on the following:

- a. Base Flood Elevation(s), as denoted on the most recent Federal Insurance Rate Map (FIRM), for your property,
- b. Maps denoting the 100 and 500 year floodplain(s) on property,
- c. Archived FIRMs data,
- d. Cross section elevations at selected locations,
- e. Parcel lines,
- f. Zoning and watershed overlay designations,
- g. Topographic contour detail for your property at two, five, and ten foot intervals,
- h. Approximate location(s) of structure(s) utilizing aerial photographic data,
- i. Any FIRM adjustment approved through the Letter of Map Amendment (LOMA) or Letter of Map revision (LOMR) process, and
- j. Elevation Certificates for certain parcels.

As a reminder the County is in the process of preparing for an update to our FIRM maps. As of the writing of this letter we are scheduled to hold a public hearing on **Tuesday September 8, 2015** to adopt the new flood maps and amend our official Zoning Atlas accordingly.

Copies of the pending flood map data are available at the County Planning office or by visiting the North Carolina Flood Risk Information System (FRIS) webpage at: <http://fris.nc.gov/fris/Home.aspx?ST=NC>. Planning staff will be more than happy to meet individually with any interested property owner to continue to review the current and future status of your property with respect to the implementation of the new FIRM maps.

Should you have any further questions please call me at (919) 245-2575.

Sincerely,



Michael D. Harvey AICP, CFM, CZO
Current Planning Supervisor
Orange County

CC: Craig Benedict, Planning Director
File

Letter 2
2014-2015 CBS
Activity 330 and 503

PLANNING & INSPECTIONS DEPARTMENT
Craig N. Benedict, AICP, Director

Current Planning
(919) 245-2575
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www.orangecountync.gov



131 W. Margaret Lane
Suite 201
P. O. Box 8181
Hillsborough, NC 27278



July 1, 2015

RE: Participation in the National Flood Insurance Program – Services offered by the Orange County Planning Department

As you may already be aware from past correspondence, Orange County has been a member of the National Flood Insurance Program (NFIP) since approximately 1976.

In 1968 Congress created the NFIP to help provide a means for property owners to financially protect themselves from the possible damage of structures resulting from flood events. The program is intended to supplement typical homeowner insurance policies, which do not cover damage to structures resulting from a flood. The NFIP offers flood insurance to homeowners, renters, and business owners if their community participates, specifically through the adoption and enforcement of regulations designed to mitigate/reduce flood risk, in the program.

Part of the 'regulations' at our disposal are Flood Insurance Rate Maps (FIRM) denoting those areas of the County that are susceptible to flooding. The County utilizes these maps to verify the anticipated 'elevation' of flood waters during a storm event and works with property owners to ensure structures are not located in areas where flooding is a possibility. Through the enforcement of our flood damage prevention regulations, the County requires incorporation of design standards (i.e. elevation of structures and utilities, installation of flood vents, prohibition of specific activities, etc.) all in an effort to reduce the risk of loss during a flood.

Our original FIRM became effective on March 16, 1981, with the latest becoming effective on February 2, 2007.

As you are aware from previous correspondence, the County is in the process of preparing for an update to these FIRM maps. As of the writing of this letter we are scheduled to hold a public hearing on **Tuesday September 8, 2015** to adopt the new flood maps and amend our official Zoning Atlas accordingly.

Copies of the pending flood map data are available at the County Planning office or by visiting the North Carolina Flood Risk Information System (FRIS) webpage at: <http://fris.nc.gov/fris/Home.aspx?ST=NC>. Planning staff will be more than happy to meet individually with any interested property owner to continue to review the current

and future status of your property with respect to the implementation of the new FIRM maps. Please contact staff at (919) 245-2575 for assistance.

In accordance with our responsibilities as a member of the NFIP, Orange County has adopted its own flood regulations, currently embodied within the Orange County Unified Development Ordinance (UDO). These regulations, now part of the Special Flood Hazard Overlay District are located within Section(s) 4.3 Special Flood Hazard Area (SFHA) and 6.6.1 Additional Standards for Overlay Districts – SFHA of the UDO. This document can be found utilizing the following link: <http://orangecountync.gov/planning/Ordinances.asp>.

You are receiving this letter because you are in, or near, the SFHA.

Being located in or near identified SFHAs does not inherently mean you cannot develop your property. There are steps you can take to mitigate your risk and, at the same time, ensure compliance with applicable flood regulations.

This letter is being sent as a courtesy to remind you of the service(s) the Planning Department provides with respect to understanding, and abiding by, local flood regulations as well as providing some proactive tips in addressing flood issues on your property.

COUNTY SERVICES: County planning staff can assist you determine where floodplains are located on your property and provide basic mapping services to delineate them. While this service does not take the place of procuring a professionally prepared site plan where a surveyor formally delineates floodplains on your property, staff can provide vital information such as the depth of anticipated flood waters and the location of any structure with respect to its proximity to identified floodplains.

The County has made available a variety of documents on existing flood data as well as guidelines and flood protection methods for you to review in several convenient locations including:

- The Orange County Public Library – Hillsborough Branch on Margaret Lane,
- The County Planning office located on the second floor of the West Campus Office building at 131 W. Margaret Lane in downtown Hillsborough, and
- On the County Planning Department website utilizing the following link: http://orangecountync.gov/planning/floodplain_information.asp.

If you are thinking about engaging in land disturbing activity on your property for any reason (i.e. building a new structure, grading, removing trees, etc.) you should first consult the Planning Department to understand what issues, if any, the project may create. Staff will be more than happy to schedule a formal meeting with you, on site, to discuss specific flood issues associated with your property and identify opportunities to correct or prevent flood damage.

A breakdown of the services we offer, with respect to understanding and identifying flood issues on your property, include:

1. PREPARATION OF SITE ASSESSMENT(S):

As a free service the Planning Department can prepare an environmental assessment of your property. This assessment, which utilizes Orange County Geographic Information Service (GIS) data, is intended to identify environmental conditions that may restrict the overall development of property including. Data provided on this assessments include, but are not limited to:

- a. Location of streams or protected water features,
- b. Required stream buffers, including buffers from identified SFHA,
- c. Required minimum setbacks for structures from property lines,
- d. Location of floodplain and required base flood elevation requirements for the property,
- e. Impervious surface limits for the property,
- f. Erosion Control and Stormwater management land disturbance thresholds, specifically focusing on identifying if an erosion control permit or a stormwater management plan will be required based on the anticipated/proposed level of land disturbance,
- g. The presence of conservation or utility easements impacting the location of structure and/or utility systems (i.e. well and septic).

During the preparation of this map staff identifies any and all regulations impacting the overall development of the property and provides direction on how you can address compliance.

Please remember to always check with the Planning Department before you initiate construction or land disturbing activities, or deposit fill material, on your property in order to avoid unnecessary problems with respect to compliance established regulations.

You do not need to schedule an appointment to obtain a site assessment, which any staff person can complete during normal business hours at our main office located on the second floor of the West Campus Office building located at 131 West Margaret Lane in downtown Hillsborough.

2. ASSISTANCE WITH FLOOD REGULATIONS:

In addition to providing site assessments the Planning Department is able to provide assistance, with respect to existing flood regulations and FIRM data, on the following:

- a. Base Flood Elevations as denoted on the most recent FIRM,
- b. 100 and 500 year floodplain maps,
- c. Archived 1981 FIRMs,
- d. Cross section elevations at selected locations,
- e. Approximate location of parcel lines,
- f. Zoning and watershed overlay designations,
- g. Five and ten foot topographic contour lines,

- h. Approximate location(s) of structure(s) utilizing aerial photographic data,
- i. Any FIRM adjustment approved through the Letter of Map Amendment (LOMA) or Letter of Map revision (LOMR) process, and
- j. Elevation Certificates for certain parcels.

As previously indicated herein the County has made available a variety of documents on existing flood data and local guidelines. Staff will be more than happy to schedule a formal meeting to review any issues, concerns, or questions you may have regarding our flood program.

BEING PROACTIVE - WHAT CAN YOU DO: Here are some simple tips for reducing potential negative impacts from flooding:

I. STORMWATER MAINTENANCE:

There are easy, proactive, steps property owners can take to address and even abate potential flooding risks. Here are some steps local property owners can take to not only help themselves but others within identified floodplain areas:

- a. Do not dump or throw anything into ditches or streams. Dumping grass clippings, leaves, trash, yard debris, etc. can accumulate and plug ditches, culverts, and channels thereby increasing the risk of flooding during storm events as rain water will have nowhere to go.
- b. The dumping of this material will also put you in violation of several County regulations and subject you to enforcement action.
- c. You are encouraged to keep any ditch on your property clear of brush and debris to avoid unnecessary flooding during a storm event.

If you witness dumping of materials into a stream please report the problem to the Planning Department at: (919) 245-2575.

II. FLOOD PREPARADNESS AND SAFETY:

You should prepare an emergency checklist to address simple steps that can be taken to mitigate the impacts of a flood on your property. These 'steps' include:

- Shutting off the gas and electricity to any structure that has a history of being flooded.
- Moving valuable contents out of 'harms way'.

There are also some basic safety tips you should keep in mind during flood conditions:

- a. Prepare, in advance, a survival kit with bottled water, food, and medical supplies (i.e. prescription medication, basic first-aid items, etc.). Your survival kit should have sufficient stockpiles to last you for a minimum of 72 hours after a storm event.

- b. Have a battery, or crank handled, emergency weather radio available to listen for news/information on storm events and conditions in the area.

- c. Do not walk or drive through 'flowing' water or flooded areas.

Drowning is the number one cause of flood deaths, mostly during flash floods. Current can be deceptive and remember that six inches of moving water can knock you off your feet or impact your car.

If you walk in standing water, use a pole or stick to ensure the area is still passable.

- d. Avoid driving through a flooded area. More people drown in their cars than anywhere else. Do not drive around road barriers as they may signal a bridge or roadway that has been washed out.

If you have an emergency please contact the Orange County Sheriff's office or Emergency Services for assistance by dialing 911 before driving.

- e. Be alert for gas leaks and report them immediately to your utility provider.

If you suspect a gas leak remember to always use a flashlight to inspect damage, do not use open flame devices (i.e. match, candles, lanterns, flare, etc.), and remember to extinguish all tobacco products (i.e. cigar, cigarettes, etc.) prior to going into an area where you suspect a gas leak.

Also be cautious when inspecting damage in an enclosed space if you suspect a gas leak. Ensure the area is properly ventilated prior to entering.

- f. Stay away from power and electrical lines: The second highest cause of death resulting from a flood event is electrocution. Electrical current can travel through water. Report downed power lines immediately to your local power company and Orange County Emergency Services.

- g. Be on the lookout for animals, especially snakes. Small animals, who have been flooded out of their homes, may seek refuge in yours. Use a pole or a stick to turn things over to check for animals to avoid hurting them or yourself.

- h. Remember that after a flood the ground, and possibly floors of your residence, are covered with debris which can include broken bottles, glass, nails, and other similar hazards. Floors and stairs can also be very slippery. Walk in areas that have been inundated by flood waters with care to avoid injury.

III. FLOOD PROOFING:

There are several different ways to protect a building from flood damage, most notably locating structures outside of identified floodplains and stream buffers as well as ensuring the structure(s) are properly elevated above

established flood elevations. There are also various options with respect to 'flood proofing' or addressing the impacts of existing structures including:

- Retrofitting crawl spaces underneath a structure by relocating existing utilities (i.e. water heater, furnace, air conditioner, electric box) to some other location within the structure that is compliance with established flood regulations and installing hydrostatic vents.

Hydrostatic pressure from floodwaters is a major cause of damage to structure(s) and can result in the catastrophic failure of the foundation. These vents allow floodwaters to move freely into and out of a crawl space thereby equalizing the water pressure on the walls.

You will need to determine the location and number of vents necessary for the structure. Bear in mind hydrostatic vents cannot be higher than 1 foot above natural grade and the total vented area cannot be less than one square inch for every square foot of crawl space wall subject to flooding.

Also bear in mind vents cannot be modified to remain closed. In order for the vent to function properly it must be allowed to open and close based on water flow. You will have to maintain the vents by keeping them clear of debris to ensure they function properly.

- A second option would involve elevating the residence above established base flood elevation thresholds. While this option can be expensive it is an effective means of addressing flooding problems.

IV. FLOOD INSURANCE:

All property owners are encouraged to secure flood insurance regardless of the presence of flood plain on your property. Please bear in mind homeowners insurance policies do not cover damage to a structure resulting from flooding.

If you do not have flood insurance talk with your insurance agent and get more information on securing a policy. This insurance is backed by the Federal Government and is available to everyone.

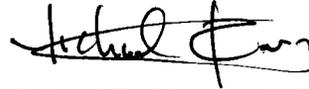
If you already have flood insurance, it is wise to double check that the building coverage is adequate and to make sure you have content coverage (i.e. coverage for materials within the residence) as well.

Do not wait for the next major storm/hurricane to purchase flood insurance. There is a **THIRTY (30) DAY** waiting period before the policy takes effect.

For more information on flood insurance, including rates and required documentation, please contact your local insurance agent to review and discuss options in more detail.

The Department looks forward to providing you with additional assistance and information with respect to addressing flooding issues or questions on your property. Please contact staff at (919) 245-2575 for assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael D. Harvey". The signature is fluid and cursive, with a large initial "M" and "H".

Michael D. Harvey AICP, CFM, CZO
Current Planning Supervisor
Orange County

CC: Craig Benedict, Planning Director
File

Letter 3
2014-2015 CRIS
Activity 330-503

PLANNING & INSPECTIONS DEPARTMENT
Craig N. Benedict, AICP, Director

Current Planning
(919) 245-2575
(919) 644-3002 (FAX)
www.orangecountync.gov



131 W. Margaret Lane
Suite 201
P. O. Box 8181
Hillsborough, NC 27278



October 15, 2014

RE: FLOODPLAIN MAPPING UPDATE – CHANGES IN FLOODPLAIN LOCATION(S)
FOR PROPERTIES IN ORANGE COUNTY:

To Whom It May Concern:

As you may already be aware from past correspondence, Orange County has been a member of the National Flood Insurance Program (NFIP) since approximately 1976.

In 1968 Congress created the NFIP to help provide a means for property owners to financially protect themselves from the possible damage of structures resulting from flood events. The program is intended to supplement typical homeowner insurance policies, which do not cover damage to structures resulting from a flood. The NFIP offers flood insurance to homeowners, renters, and business owners if their community participates, specifically through the adoption and enforcement of regulations designed to mitigate/reduce flood risk, in the program.

Part of the 'regulations' at our disposal are Flood Insurance Rate Maps (FIRMs) denoting those areas of the County that are susceptible to flooding. The County utilizes these maps to verify the anticipated 'elevation' of flood waters during a storm event and works with property owners to ensure structures are not located in areas where flooding is a possibility.

In accordance with our responsibilities as a member of the NFIP, Orange County adopted its own flood regulations, currently embodied within the Unified Development Ordinance (UDO). These regulations, now part of the Special Flood Hazard Overlay District are located within Section(s) 4.3 *Special Flood Hazard Area (SFHA)* and 6.6.1 *Additional Standards for Overlay Districts – SFHA* of the UDO. This document can be found utilizing the following link: http://www.orangecountync.gov/UDO_MOST_CURRENT_updated_051515.pdf. Flood data, as depicted on the FIRM Maps, has also been incorporated into the Official Zoning Atlas for Orange County as the SFHA Overlay District.

Our original FIRM became effective on March 16, 1981, with the latest becoming effective on February 2, 2007.

As you may be aware from past correspondence and/or notices the State has completed updates of the Flood Insurance Study (FIS) and revisions to our FIRMs. New floodplain boundaries have been established and the County is in the process of adopting these new maps.

The new floodplain mapping data will be incorporated into the Official Zoning Atlas for the County, with a public hearing scheduled to occur on **February 19, 2015**. Additional correspondence will be sent to you concerning the time and location of this meeting.

You are receiving this letter because you have property encumbered by floodplain, the location of which will be impacted by the new FIRMs. Staff has taken the liberty of providing a color coded map denoting the changes with respect to the floodplain designation on your property.

Please note the mere presence of floodplain, or the expansion of same, **does not** make your property undevelopable. Having said that, there are limitations on development within identified floodplains and the expansion of flood areas on your property that will impact its ultimate development potential.

In advance of the public hearing, staff will be holding open house meetings, or scheduling one-on-one conferences, with property owners to review proposed changes to existing FIRMs and potential impact on your property.

Staff will be holding these open houses in the Lower Level Conference Room of the West Campus Office Building, located at 131 W. Margaret Lane, in downtown Hillsborough on:

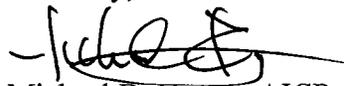
- Wednesday October 29, 2014 from 5:30 p.m. to 7:00 p.m.
- Thursday November 6, 2014 from 5:30 p.m. to 7:00 p.m., and
- Wednesday November 12, 2014 from 5:30 p.m. to 7:00 p.m.

Please see the attached vicinity map for the location of the meeting facility and adjacent parking. Additional open house meetings may be established. For more information please refer to the Orange County Planning website for additional updates.

If you cannot attend 1 of these meetings, please feel free to contact staff at (919) 245-2575 to schedule an appointment to review the proposed map changes. Any member of the Current Planning staff will be able to work with you to schedule an appointment.

The Department looks forward to providing you with additional information and/or assistance with respect to addressing potential flood issues on your property. Should you have any further questions please call me at (919) 245-2575.

Sincerely,



Michael D. Harvey AICP, CFM, CZO
Current Planning Supervisor
Orange County

Michael Harvey

From: Brubaker, Dan <Dan.Brubaker@ncdps.gov>
Sent: Tuesday, July 14, 2015 10:11 AM
To: Michael Harvey
Cc: Mundt, Randy; Golembesky, Kurt
Subject: ORANGE COUNTY PRELIMINARY FLOOD MAP COMMENTS
Attachments: OrangeCP4.pdf

Good morning, Michael. Great speaking with you this morning.

Attached is the comment form I told you about. OrangeCP4 is a "Comment" form dealing with the floodway at West Price Creek. We discovered an error in the preliminary mapping where the floodway and SFHA boundary at the upstream end appears to be based on the effective model, not the preliminary model. There is a screen shot in the form that shows the error.

Please reply with the form attached. Afterwards, you should be receiving an acknowledgement letter from FEMA. The preliminary maps should be released on August 31st, followed shortly by a resolution letter from FEMA. The 30-day comment period will begin on the date of the letter. If there are no comments during the comment period, a Letter of Final Determination should be released 1-2 months afterwards.

Please let me know if you have any questions.

Best regards,

Dan Brubaker

John D. Brubaker, PE, CFM
NFIP Engineer
NC Department of Public Safety
Risk Management Section
4218 Mail Service Center
Raleigh, NC 27699-4218
(919) 825-2300
dan.brubaker@ncdps.gov
www.ncdps.gov

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Comments Petition

What is a Comment?

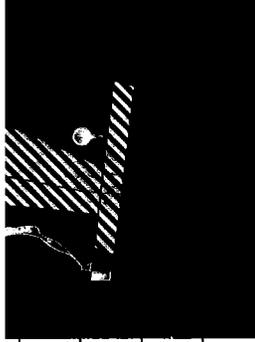
A formal comment is an objection to a base map feature change or any non-appealable change. It is a formal objection to the FIS Report and/or information shown on the DFIRM panels that is not related to BFEs or modified SFHA designations. Comments also must be filed during the 90-day appeal period. Comments generally involve mislabeled maps such as incorrect corporate limits, Extraterritorial Jurisdiction (ETJ) boundaries, road names or locations, as well as any other possible omissions or potential improvements to the mapping.

What information is required to support a Comment?

To comment on corporate limits, ETJ boundaries, or road names/locations, community maps in either digital or paper format showing the current information must be submitted.

Please use the tables provided below when submitting a Comment Petition.

Name:	Michael Harvey, Floodplain Manager Planning and Inspections Department, Orange County
Address:	131 West Margaret Lane Hillsborough, NC 27278
Telephone Number:	919-245-2577

Panel Number	Basis of Formal Objection	Description of Challenged Data	Data Supporting Objection
9870	The preliminary floodway of West Price Creek is not drawn correctly.	The floodway boundary is not continuous at the upstream cross-section of West Price Creek (Section 076). It appears that a portion of the effective floodway was transferred to the preliminary panel.	Refer to the preliminary DFIRM Panel 9766. 

Michael Harvey

From: Brubaker, Dan <Dan.Brubaker@ncdps.gov>
Sent: Friday, July 17, 2015 4:55 PM
To: Michael Harvey
Cc: Mundt, Randy; Golembesky, Kurt
Subject: RE: ORANGE COUNTY PRELIMINARY FLOOD MAP COMMENTS

Thank you, Michael. I learned recently that the revised preliminary date will be September 30, not August 31. Otherwise, everything you note is correct. We will address the floodway discrepancy for West Price Creek.

Best regards,

Dan Brubaker

From: Michael Harvey [<mailto:mharvey@orangecountync.gov>]
Sent: Friday, July 17, 2015 4:53 PM
To: Brubaker, Dan
Cc: Mundt, Randy; Golembesky, Kurt
Subject: RE: ORANGE COUNTY PRELIMINARY FLOOD MAP COMMENTS

Dan and all: I appreciate the recent e-mail/phone conversation related to our flood map status.

As I understand the situation there is an error in the preliminary mapping data erroneously denoting the floodway and SFHA boundary. I am attaching a comments petition on this matter as well.

As I understand the process we (i.e. the County) should be receiving an acknowledgement letter from FEMA related to the request for modification and new maps will be released on or about August 31 of this year. A new comment period will begin once a resolution letter from FEMA is received.

We will hold off on adoption of said maps and look to schedule additional outreach to ensure we have complied with our expected due diligence process.

I appreciate your assistance on this and the work done by State FEMA staff. Thank you.

Michael D. Harvey AICP, CFO, CZO
Current Planning Supervisor – Planner III
Orange County Planning Department
131 West Margaret Lane
PO Box 8181
(919) 245-2597 (phone)
(919) 644-3002 (fax)

Pursuant to North Carolina General Statute 132, correspondence sent and received from this account is a public record and may be disclosed to third parties.

E-mail correspondence sent to and from this address may be subject to the provisions of G.S. 132-1, the North Carolina Public Records Law, and may be subject to monitoring and disclosed to third parties, including law enforcement personnel, by an authorized state official.

Michael Harvey

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Sent: Friday, July 17, 2015 4:53 PM
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CRS ACTIVITY 510:

2014-2015 PROGRESS REPORT FOR

FLOODPLAIN MANAGEMENT/HAZARD MITIGATION PLAN:

1. NAME OF PLAN: Eno-Haw Regional Hazard Mitigation Plan
- DATE ADOPTED: June 16, 2015 – approved by Orange County Board of Commissioners
- Approved by NC Department of Public Safety – May 27, 2015
- Approved by FEMA – Pending
- COPY OF PLAN: Hard copies of the plan are available at the County Planning Offices located at 131 West Margaret Lane – West Campus Office Building – Suite 201.
- A hard copy is available at the Orange County Library Main Branch, also off of Margaret Lane in downtown Hillsborough, within the reference department.
- A copy of the plan is available on the County website at:
- http://www.orangecountync.gov/departments/emergency_services/eno-haw_regional_hazard_mitigation_plan.php.

5 YEAR CRS EXPIRATION DATE: July 2020

2. REVIEW OF ACTION PLAN:
- a. As reported in our 2013 CRS the County adopted new stormwater management standards, incorporating them into the Unified Development Ordinance (UDO).
- The regulations were intended to address State mandates to address excessive nutrient (nitrogen and phosphorus) inputs in both the Falls Lake and Jordan Lake river basins consistent with North Carolina Division of Water Quality (DWQ) requirements.
- b. Orange County still coordinates development permits with local municipalities (i.e. Carrboro, Chapel Hill, Mebane, Hillsborough) addressing applicable floodplain development issues.
- c. During the 2015-2016 reporting period the Planning Department will be reaching out to arm properties within the extraterritorial jurisdictional (ETJ) boundaries of local municipalities and informing them their farms

are now under the County's floodplain management regulations in accordance with State law.

- d. The Planning Department is still coordinating efforts amongst local public safety agencies (i.e. Emergency Services, Sheriff, etc.) to expand availability of telecommunication infrastructure to house emergency responder equipment/antenna to aid in disaster situations.

As part of the Hazard Mitigation Plan update the County produced a map denoting areas where our emergency communications network needs to be expanded and begin working with telecommunication companies to locate towers in these areas.

- e. Orange County is still waiting for our new FIRM maps to be certified and will engage in a new public outreach program to inform local residents of the changes.

The County sent out letters informing local residents of the project and invited them to attend the 1st of several planned information sessions to review the maps (copy of the letter has been attached).

3. IMPLEMENTATION:

- a. Staff will begin assessing the timeline for implementation of the newly adopted regional hazard mitigation plan.
- b. County staff is awaiting the final release of new FIRM data and will commence our review of the information, finalize public outreach, and complete the required zoning atlas amendments once data has been released.

4. RECOMMENDATIONS:

- a. Continue with the review/implementation of new FIRM data in coordination with Mr. Randy Mundt of the State FEMA office.
- b. Continue to coordinate the expansion of telecommunication access to local emergency responders. Staff is reviewing several new telecommunication tower applications where the building has agreed to reserve antenna space to local public safety agencies.
- c. Continue enforcement of local stormwater management standards.
- d. Continue joint planning efforts with local municipal partners.

5. DISSEMINATION: As previously indicated the new regional hazard mitigation was adopted on June 16, 2015 and is available on the County website.

PAF 6-16-2015
lej

ORANGE COUNTY BOARD OF COMMISSIONERS

**RESOLUTION OF ADOPTION
ENO-HAW REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, in October 2000, the President of the United States signed into law the "Disaster Mitigation Act of 2000" (Public Law 106-390) to amend the "Robert T. Stafford Disaster Relief and Emergency Act of 1988" which requires local governments to adopt a mitigation plan in order to be eligible for hazard mitigation funding; and

WHEREAS, Federal mitigation planning regulations require local mitigation plans to be updated and resubmitted to the Federal Emergency Management Agency for approval every five years in order to continue eligibility for Federal Emergency Management Agency hazard mitigation assistance programs; and

WHEREAS, North Carolina General Statute §166-A - 19.41, approved by the North Carolina General Assembly in June 2001, requires local governments to have a hazard mitigation plan approved in order to receive state public assistance funds; and

WHEREAS, County staff along with representatives from partnering jurisdictions in conjunction with contract services have performed a comprehensive review and evaluation of the newly created Eno-Haw Regional Hazard Mitigation Plan and have updated the plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the North Carolina Division of Emergency Management; and

WHEREAS, the North Carolina Division of Emergency Management has deemed the Eno-Haw Regional Hazard Mitigation Plan compliant with Section 322 of the Disaster Mitigation Act of 2000, as well as with relevant state requirements; and

WHEREAS, the Federal Emergency Management Agency has received a draft of the Eno-Haw Regional Hazard Mitigation Plan and is currently reviewing;

NOW THEREFORE, BE IT RESOLVED, that the Board of County Commissioners of Orange County hereby adopt, by way of this resolution, the "Eno-Haw Regional Hazard Mitigation Plan" as approved by the North Carolina Division of Emergency Management.

This the 16th day of June, 2015.

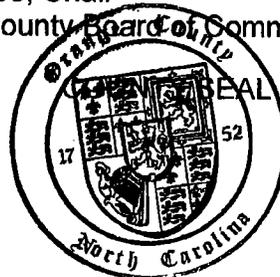
Earl McKee

Earl McKee, Chair
Orange County Board of Commissioners

ATTEST:

Donna Baker

Donna Baker
Clerk to the Board





**Orange County
Board of Commissioners**

Agenda

Regular Meeting

7:00 p.m.

Southern Human Services Center
2501 Homestead Road
Chapel Hill, NC 27514

Note: Background Material
on all abstracts
available in the
Clerk's Office

Compliance with the "Americans with Disabilities Act" - Interpreter services and/or special sound equipment are available on request. Call the County Clerk's Office at (919) 245-2130. If you are disabled and need assistance with reasonable accommodations, contact the ADA Coordinator in the County Manager's Office at (919) 245-2300 or TDD# 644-3045.

1. Additions or Changes to the Agenda

PUBLIC CHARGE

The Board of Commissioners pledges to the residents of Orange County its respect. The Board asks its residents to conduct themselves in a respectful, courteous manner, both with the Board and with fellow residents. At any time should any member of the Board or any resident fail to observe this public charge, the Chair will ask the offending person to leave the meeting until that individual regains personal control. Should decorum fail to be restored, the Chair will recess the meeting until such time that a genuine commitment to this public charge is observed. All electronic devices such as cell phones, pagers, and computers should please be turned off or set to silent/vibrate.

2. Public Comments (Limited to One Hour)

(We would appreciate you signing the pad ahead of time so that you are not overlooked.)

- a. Matters not on the Printed Agenda (Limited to One Hour – THREE MINUTE LIMIT PER SPEAKER – Written comments may be submitted to the Clerk to the Board.)

Petitions/Resolutions/Proclamations and other similar requests submitted by the public will not be acted upon by the Board of Commissioners at the time presented. All such requests will be referred for Chair/Vice Chair/Manager review and for recommendations to the full Board at a later date regarding a) consideration of the request at a future regular Board meeting; or b) receipt of the request as information only. Submittal of information to the Board or receipt of information by the Board does not constitute approval, endorsement, or consent.

- b. Matters on the Printed Agenda
(These matters will be considered when the Board addresses that item on the agenda below.)

3. Announcements and Petitions by Board Members (Three Minute Limit Per Commissioner)

4. Proclamations/ Resolutions/ Special Presentations

- a. Proclamation Recognizing Carrboro High School Women's Soccer Team Winning the 2015 State Championship



5. Public Hearings

- a. Unified Development Ordinance Text Amendment – Impervious Surface Regulations (No Additional Public Comments Accepted)

6. Consent Agenda

- Removal of Any Items from Consent Agenda
 - Approval of Remaining Consent Agenda
 - Discussion and Approval of the Items Removed from the Consent Agenda
- a. Minutes
 - b. Motor Vehicle Property Tax Releases/Refunds
 - c. Fiscal Year 2014-15 Budget Amendment #10
 - d. Application for North Carolina Education Lottery Proceeds for Chapel Hill – Carrboro City Schools (CHCCS) and Contingent Approval of Budget Amendment #10-A Related to CHCCS Capital Project Ordinances
 - e. Orange County ABC Board Travel Policy
 - f. JCPC Certification FY 2015-2016
 - g. Dedication of Right of Way and Permanent Drainage Easements Servicing the Churton Street Access and Public Transportation Improvements
 - h. Resolution on Rescinding Preemption of Local Tobacco Control
 - i. Authorization for County Manager to Award County Detention Facility Professional Services Agreement
 - ~~j. End-Haw Regional Hazard Mitigation Plan~~
 - k. Propane Vehicle Conversion and Refueling Grant Acceptance and Approval of Budget Amendment #10-B
 - l. Bicycle and Pedestrian Safety Report
 - m. Authorization for County Manager to Award Buckhorn Mebane Sewer Phase 2 Extension Construction Contract and Professional Services Agreement

7. Regular Agenda

- a. Approval of Fiscal Year 2015-16 Budget Ordinance, County Grant Projects, and County Fee Schedule
- b. Approval of the Five-Year Capital Investment Plan and Adoption of the Orange County CIP Projects of \$22,793,345 for FY2015-16

8. Reports

- a. Orange County Sustainability and Environmental Responsibility Update

9. County Manager's Report

10. County Attorney's Report

11. Appointments

- a. Advisory Board on Aging – Appointments
- b. Agricultural Preservation Board – Appointments
- c. Alcoholic Beverage Control (ABC) Board – Appointments

- 
- d. Arts Commission – Appointment
 - e. Board of Health – Appointments
 - f. Chapel Hill Planning Commission – Appointment
 - g. Durham Technical College Board of Directors – Appointment
 - h. Human Relations Commission – Appointments
 - i. Nursing Home Community Advisory Committee – Appointment

12. Board Comments (Three Minute Limit Per Commissioner)

13. Information Items

- June 2, 2015 BOCC Meeting Follow-up Actions List
- Tax Collector's Report - Numerical Analysis
- Tax Collector's Report - Measure of Enforced Collections
- Tax Assessor's Report - Releases/Refunds under \$100
- Memorandum Regarding the Operation of Mobile Food Vending Units within Orange County
- Blackwood Farm Park Opening Ceremony Flyer
- Memorandum Regarding Physical Assessment, Former Chapel Hill Town Hall, 100 West Rosemary Street
- Memorandum Regarding Sit to Stand Work Environment
- Memorandum Regarding Southern Branch Library Siting Update; Carrboro Arts & Innovation Center Working Group Update
- BOCC Chair Letter Regarding Petitions from June 2, 2015 Regular Board Meeting
- Regional Partnership Workforce Development Board 2013-2014 Annual Report

14. Closed Session

15. Adjournment

Note: Access the agenda through the County's web site, www.orangecountync.gov

Orange County Board of Commissioners' regular meetings and work sessions are available via live streaming video at http://www.orangecountync.gov/departments/board_of_county_commissioners/videos.php and Orange County Gov-TV on channels 1301 or 97.6 (Time Warner Cable).

**ORANGE COUNTY
BOARD OF COMMISSIONERS**

ACTION AGENDA ITEM ABSTRACT

Meeting Date: June 16, 2015

Action Agenda

Item No. 6-j

SUBJECT: Eno-Haw Regional Hazard Mitigation Plan

DEPARTMENT: Emergency Services
Planning and Inspections

PUBLIC HEARING: (Y/N)

No

ATTACHMENT(S):

1. Resolution of Adoption
2. North Carolina Emergency Management Letter of Approval

INFORMATION CONTACT:

Kirby Saunders, EM Coordinator, 245-6135
Ashley Moncado, Planner II, 245-2589
Perdita Holtz, Planner III, 245-2578
Josh Hollingsworth, EM Planner, 245-6138

UNDER SEPARATE COVER

3. Eno-Haw Regional Hazard Mitigation Plan (Only Available Electronically at http://www.orangecountync.gov/departments/emergency_services/eno-haw_regional_hazard_mitigation_plan.php)

PURPOSE: To approve a resolution adopting the Eno-Haw Regional Hazard Mitigation Plan as approved by the North Carolina Division of Emergency Management.

BACKGROUND: In October of 2000, the "Disaster Mitigation Act of 2000" (DMA 2000) (Public Law 106-390) was signed into law, which amended the "Robert T. Stafford Disaster Relief and Emergency Act of 1988." DMA 2000 requires local governments to adopt a hazard mitigation plan in order to be eligible for hazard mitigation funding. To remain eligible for funding, each local government must update the hazard mitigation plan every five years.

In addition, North Carolina General Statute §166-A - 19.41 states as a condition of State public assistance funds following a disaster "the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act."

Previously, Orange County, in partnership with the Town of Carrboro and the Town of Hillsborough, updated the "Orange County Hazard Mitigation Plan" in accordance with State and Federal requirements, and the most recent plan was adopted by the BOCC on May 6, 2010.

Recently, in an effort to reduce costs associated with hazard mitigation planning, the State began prioritizing planning funding provided to counties to those who collaboratively created regional hazard mitigation plans with neighboring jurisdictions that are facing comparable or similar hazards. The goal was to combine efforts and have counties create comprehensive, multi-county/multi-jurisdictional plans while using fewer resources.

Because of this, Orange County has partnered with the Town of Carrboro, the Town of Chapel Hill, the Town of Hillsborough, the Durham County and its encompassed municipalities, and Alamance County and its encompassed incorporated areas to develop the new Eno-Haw Regional Hazard Mitigation Plan. No local control is lost by any participating entity in the regional plan, and each participant retains the right for apply for State or Federal funding. Furthermore, as an additional benefit, any combination of participants can choose to share the cost of any required local match when applying for project funding.

In accordance with State and Federal regulations, the Eno-Haw Regional Hazard Mitigation Planning Team, which consists of representatives from Orange County Planning and Inspections, Orange County Emergency Services, and the other participating jurisdictions, began meeting in mid-2014 to work with AECOM, a contractor provided by the State, to create the new Eno-Haw Regional Hazard Mitigation Plan. Collectively, the team evaluated past hazards and incidents, the geographical profile, the population profile, recently updated Flood Insurance Rate Maps (FIRMs), and other data to compile a profile for the region. Additionally, mitigation goals, strategies, and actions were developed for the region.

A draft of the Eno-Haw Regional Hazard Mitigation Plan was submitted to the State Hazard Mitigation Officer for review in April 2015. The State returned comments on April 29, 2015, and the local planning team returned the plan with requested revisions. The plan was returned with the suggested revisions on May 8, 2015 for approval, and North Carolina Emergency Management returned an official approval letter on May 25, 2015. The Federal Emergency Management Agency (FEMA) is currently reviewing the plan and is expected to issue approval within the next 30 days.

The Plan, noted as Attachment 3, is available electronically at: http://www.orangecountync.gov/departments/emergency_services/eno-haw_regional_hazard_mitigation_plan.php.

Local government approval of the plan is occurring ahead of the expected FEMA approval in order to ensure necessary deadlines are met. If FEMA's review results in any significant revisions, the plan will be brought back to the BOCC for re-adoption at a later date.

FINANCIAL IMPACT: There is no direct financial impact associated with the adoption of the Eno-Haw Regional Hazard Mitigation Plan. The State has provided funding for contracting services associated with compiling the plan. State and Federal law require a jurisdiction to have an adopted and approved hazard mitigation plan in place to be eligible for hazard mitigation assistance funds. Work at the local level was accomplished using existing County and local staff.

RECOMMENDATION(S): The Manager recommends the Board approve and authorize the Chair to sign the attached resolution adopting the Eno-Haw Regional Hazard Mitigation Plan.

ORANGE COUNTY BOARD OF COMMISSIONERS**RESOLUTION OF ADOPTION
ENO-HAW REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, in October 2000, the President of the United States signed into law the "Disaster Mitigation Act of 2000" (Public Law 106-390) to amend the "Robert T. Stafford Disaster Relief and Emergency Act of 1988" which requires local governments to adopt a mitigation plan in order to be eligible for hazard mitigation funding; and

WHEREAS, Federal mitigation planning regulations require local mitigation plans to be updated and resubmitted to the Federal Emergency Management Agency for approval every five years in order to continue eligibility for Federal Emergency Management Agency hazard mitigation assistance programs; and

WHEREAS, North Carolina General Statute §166-A - 19.41, approved by the North Carolina General Assembly in June 2001, requires local governments to have a hazard mitigation plan approved in order to receive state public assistance funds; and

WHEREAS, County staff along with representatives from partnering jurisdictions in conjunction with contract services have performed a comprehensive review and evaluation of the newly created Eno-Haw Regional Hazard Mitigation Plan and have updated the plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the North Carolina Division of Emergency Management; and

WHEREAS, the North Carolina Division of Emergency Management has deemed the Eno-Haw Regional Hazard Mitigation Plan compliant with Section 322 of the Disaster Mitigation Act of 2000, as well as with relevant state requirements; and

WHEREAS, the Federal Emergency Management Agency has received a draft of the Eno-Haw Regional Hazard Mitigation Plan and is currently reviewing;

NOW THEREFORE, BE IT RESOLVED, that the Board of County Commissioners of Orange County hereby adopt, by way of this resolution, the "Eno-Haw Regional Hazard Mitigation Plan" as approved by the North Carolina Division of Emergency Management.

This the 16th day of June, 2015.

Earl McKee, Chair
Orange County Board of Commissioners

ATTEST:

COUNTY SEAL

Donna Baker
Clerk to the Board



North Carolina Department of Public Safety

Emergency Management

Pat McCrory, Governor
Frank L. Perry, Secretary

Michael A. Sprayberry, Director

May 27, 2015

Kirby Saunders
Orange County Emergency Management Coordinator
510 Meadowlands Drive
Hillsborough, NC 27278

RE: Eno-Haw Regional Hazard Mitigation Plan

Mr. Saunders:

I am pleased to advise that NCEM has completed our review of the Eno-Haw Regional Hazard Mitigation Plan for compliance with state and federal hazard mitigation planning requirements contained in 44 CFR 201.6(b)-(d). We have determined that the plan is compliant with state and federal requirements, subject to formal community adoption.

In order for FEMA to issue formal approval of the plan, participating jurisdictions in the Eno-Haw Regional Hazard Mitigation Plan must submit documentation that a final public opportunity for comment has been provided, and that the plan has been officially adopted by your governing body. Upon receipt of these items, we will coordinate with FEMA to secure documentation of their formal approval of the plan.

Thank you for your efforts in organizing and leading this regional planning effort. Please let me know when I may be of assistance to you.

Sincerely,

A handwritten signature in black ink that reads "Chris Crew".

Chris Crew, CFM
State Hazard Mitigation Officer

MAILING ADDRESS:
4236 Mail Service Center
Raleigh NC 27699-4236
www.ncem.org



OFFICE LOCATION:
4105 Reedy Creek Road
Raleigh, NC 27607-3371
Telephone: (919) 825-2500
Fax: (919) 715-9191

APPROVED 9/1/2015

MINUTES
BOARD OF COMMISSIONERS
REGULAR MEETING

June 16, 2015

7:00 p.m.

The Orange County Board of Commissioners met in regular session on Tuesday, June 16, 2015 at 7:00 p.m. at the Southern Human Services Center, in Chapel Hill, N.C.

COUNTY COMMISSIONERS PRESENT: Chair McKee and Commissioners Mia Burroughs, Mark Dorosin, Barry Jacobs, Bernadette Pelissier, Renee Price and Penny Rich

COUNTY COMMISSIONERS ABSENT:

COUNTY ATTORNEYS PRESENT: John Roberts

COUNTY STAFF PRESENT: County Manager Bonnie Hammersley and Clerk to the Board Donna Baker (All other staff members will be identified appropriately below)

1. Additions or Changes to the Agenda

Chair McKee called the meeting to order at 7:00 p.m.

A motion was made by Commissioner Price, seconded by Commissioner Pelissier to approve moving Item 7b before Item 7a.

VOTE: UNANIMOUS

Chair McKee noted the following items at the Commissioners' places:

- PowerPoint slides for item 5-a – Unified Development Ordinance (UDO) Text Amendment Impervious Surface Regulations
- pink sheet – memorandum for item 5-a
- white sheets – Year to Date Budget Summary - revised information for item 6-c
- PowerPoint slides for item 8a – Sustainability and Environmental Responsibility in Orange County
- blue sheet – printed email and attached map for item 11-b
- aerial view map - Information Item - Potential Southern Branch Library

PUBLIC CHARGE

Chair McKee dispensed with the reading of the Public Charge

2. Public Comments

a. Matters not on the Printed Agenda

Lydia Wegman, Deputy Chair of the Commission for the Environment (CFE) of Orange County, read the following memorandum sent from the CFE to the Board of County Commissioners:

"The CFE is concerned about the preliminary decision by the Board of County Commissioners (BOCC) to restrict the planned 2016 bond referendum to funding for school improvements and expansion. In particular, the CFE believes the BOCC should have proceeded with the process discussed at the November 19, 2014 Assembly of Governments meeting, which would have provided an opportunity for the BOCC to hear from the public,

relevant County-appointed citizen advisory boards, including the CFE, and representatives of key County departments, such as the Department of Environment, Agriculture, Parks and Recreation, on their areas of expertise and/or concern.

The CFE is of the opinion that the BOCC's decision-making process would benefit greatly by hearing comments from County residents, advisory boards, and departments on the funding needs facing programs and activities that are essential to the quality of life in the County. No doubt education is important, but equally important are parks and recreation, affordable housing for low-income residents, and services for the county's growing population of seniors, among other needs. For example, if the County could provide \$5 to \$10 million for park development, it would be possible to develop and open the long-planned Blackwood Farm Park as well as additional recreational facilities in the northern part of the county. By developing Twin Creeks Park located next to Morris Grove Elementary School, the County would provide recreational opportunities for both school children and adults, helping to improve the quality of life for all residents as well as making the county a more attractive area for new businesses that seek well-rounded communities in which to locate their operations. Funding for parks and open space could help preserve additional farmland and natural areas with permanent conservation easements.

The CFE urges the Board of County Commissioners to reopen the bond referendum process and provide a full opportunity for public and county staff comment. The CFE would very much appreciate an opportunity to present its views on funding priorities related to parks and open space land conservation to the BOCC."

b. Matters on the Printed Agenda

(These matters will be considered when the Board addresses that item on the agenda below.)

3. Announcements and Petitions by Board Members

Commissioner Dorosin said he had no petitions.

Commissioner Rich said she had no petitions.

Commissioner Pelissier said she had no petitions.

Commissioner Price said she had no petitions.

Commissioner Jacobs petitioned for the Manager to consult Brenda Bartholomew, Director of Human Resources, and consider returning the name of that department to the Personnel Department.

Commissioner Burroughs said she had no petitions.

Chair McKee said he had no petitions.

4. Proclamations/ Resolutions/ Special Presentations

a. Proclamation Recognizing Carrboro High School Women's Soccer Team Winning the 2015 State Championship

The Board considered approving a proclamation recognizing the Carrboro High School Women's Soccer Team for winning the 2015 State Championship, and authorizing the Chair to sign the proclamation.

Commissioner Rich read the proclamation:

ORANGE COUNTY BOARD OF COMMISSIONERS

PROCLAMATION OF RECOGNITION ON

**CARRBORO HIGH SCHOOL WOMEN'S SOCCER TEAM
WINNING THE 2015 STATE CHAMPIONSHIP**

WHEREAS, on May 30, 2015, the Carrboro High School Women's Soccer Team captured the North Carolina High School Athletic Association's (NCHSAA) 2A State Women's Soccer Championship; and,

WHEREAS, under the guidance of Coach Jared Drexler, the Carrboro High School Women's Soccer Team earned its second NCHSAA State title, also winning the State title in 2012; and,

WHEREAS, the Lady Jaguars completed the season with a 21-0-1 record, giving up only two goals the entire season, earning an NCHSAA record for the fewest goals allowed in a season; and,

WHEREAS, through hard work, dedication, teamwork, and commitment, the Lady Jaguars brought honor upon themselves, Carrboro High School, the Chapel Hill / Carrboro City Schools District and Orange County;

NOW, THEREFORE, be it proclaimed that the Orange County Board of Commissioners expresses its sincere appreciation and respect for the Carrboro High School Women's Soccer Team and Coach Drexler for the Jaguars' outstanding achievement, and their inspiration to youth across North Carolina through their dedication, teamwork, and athletic prowess.

This, the 16th day of June, 2015

Coach Drexler introduced his team.

A motion was made by Commissioner Rich, seconded by Commissioner Burroughs for the Board to approve the proclamation recognizing the Carrboro High School Women's Soccer Team for winning the 2015 State Championship and authorize the Chair to sign the proclamation on behalf of the Board.

VOTE: UNANIMOUS

5. Public Hearings

a. Unified Development Ordinance Text Amendment – Impervious Surface Regulations (No Additional Public Comments Accepted)

The Board considered: 1. Receiving the Planning Board's recommendation; 2. Closing the public hearing; 3. Deliberating as necessary on the proposed amendments; and 4. Deciding accordingly and/or adopting the Statement of Consistency and the Ordinance amending the Unified Development Ordinance (UDO) regarding the impervious surface regulations, as recommended by the Planning Board and staff.

Michael Harvey, Current Planning Supervisor, presented the following PowerPoint:

JUNE 16, 2015

BOCC REGULAR MEETING

AGENDA ITEM: 5-a

UNIFIED DEVELOPMENT ORDINANCE (UDO) TEXT AMENDMENT

IMPERVIOUS SURFACE REGULATIONS

BACKGROUND

- Staff and Board members have received numerous inquiries related to increasing allowable impervious surface area.
- Staff summarized issues/options in memo presented at the March 3, 2015 regular BOCC meeting.
- BOCC authorized amendment process at its March 17, 2015 regular meeting.
- Staff presented amendment(s) to:
 - OWASA (April 23, 2015)
 - Commission for the Environment (April 13, 2015)
 - Solicited Comments from Town(s) of Chapel Hill and Carrboro
- Item presented at May 26, 2015 Quarterly Public Hearing.
- Planning Board reviewed at its June 3, 2015 regular meeting.

WHAT HAS CHANGED

- Additional language added to Section 4.2.5 to ensure parcels created via cluster subdivision process, in compliance with established density limits, qualify for modification.
 - Change noted in **Bold Green Underlined Text**
- Planning Board recommending adding requirement to Section 4.2.8 requiring anyone going through process to post a performance bond.
 - Change noted in **Bold Blue Underlined Text**

BACKGROUND

- Staff and Board members have received numerous inquiries related to increasing allowable impervious surface area.
- Staff summarized issues/options in memo presented at the March 3, 2015 regular BOCC meeting.
- BOCC authorized amendment process at its March 17, 2015 regular meeting.
- Item presented at May 26, 2015 Quarterly Public Hearing

RECOMMENDATION

The Manager recommends the Board:

1. Receive the Planning Board's recommendation.
2. Close the public hearing.
3. Deliberate as necessary on the proposed amendments.
4. Decide accordingly and/or adopt the Statement of Consistency, contained within Attachment 2, and the Ordinance amending the UDO contained within Attachment 3, as recommended by the Planning Board and staff.

Commissioner Dorosin asked if Michael Harvey could review the example scenario included as part of the hand out.

Michael Harvey said the scenario shows a 3 acre parcel of property with an allotted 7000 square feet of impervious surface that is at its maximum. He said this proposal would allow this property owner to remove existing driveway and install an infiltration based stormwater system. He said this specific example, of permeable concrete, only counts as 50 percent of total impervious surface area, thereby allowing for an approximately 1500 square feet of additional impervious surface area to be moved on the lot. He said the applicant then chose to install patio around a proposed pool. He said there is no technical net increase in impervious surface since the infiltration stormwater system heats the hydrologic model, consistent with the allowable impervious surface for the lot.

Commissioner Dorosin asked if the proposed amendment would require the applicant to post a bond, and if so, who would determine the amount of the bond.

Michael Harvey said yes, as recommended by the Planning Board and staff. He said the engineer for the property owner would set the bond amount.

Commissioner Dorosin asked if there are other fixed costs for the property owner, beyond the actual construction and the bond.

Michael Harvey said the property owner would hire an engineer to develop and install the system, and pay annual maintenance costs.

Michael Harvey referred to the example scenario and said if an engineer reports a cost of \$25,000 to remove the impervious surface then the bond would also be \$25,000.

Commissioner Dorosin asked if the example scenario really includes a "system".

Michael Harvey said the system in the example is the permeable concrete and it does require maintenance.

Commissioner Price asked if this will affect cluster developments.

Michael Harvey said it does not affect cluster developments.

Commissioner Dorosin asked if there will be a regular inspection by County planning.

Michael Harvey said yes, since this is part of the County's stormwater program.

Commissioner Dorosin said this issue is a good example of why the Board needs to re-visit the public hearing process. He said there have been substantive changes, such as the requirement of a bond, that the public has not had a chance to comment on.

Commissioner Dorosin asked John Roberts if another public hearing is necessary when such substantive changes have been made.

John Roberts said if there is a major substantive change, the original public hearing can be voided. He said he is not sure if example rises to that level. He said, he too, shares Commissioner Dorosin's concerns about the County's public hearing process.

Chair McKee asked if a \$25,000 bond would actually cost \$25,000 to the property owner.

Michael Harvey said no, the cost of the bond is 110% of the cost of the system.

A motion was made by Commissioner Price, seconded by Commissioner Pelissier to close the public hearing.

VOTE: Ayes, 5 (Chair McKee, Commissioner Jacobs, Commissioner Pelissier, Commissioner Burroughs, and Commissioner Price); Nays, 2 (Commissioner Dorosin and Commissioner Rich)

Motion Passed

Commissioner Rich said she felt that the Board has let the public down when they are not allowed to come back and comment on changes.

Commissioner Jacobs agreed with these concerns and said the Board is not giving the public a chance to comment on this and other issues.

A motion was made by Commissioner Pelissier, seconded by Commissioner Price to adopt the Statement of Consistency, contained within Attachment 2, and the Ordinance amending the UDO contained within Attachment 3, as recommended by the Planning Board and staff.

Commissioner Dorosin asked if the Board is allowed to hold this item open for additional public comments.

John Roberts said if the board had not closed the public hearing it could have been continued to a date and time certain. He said as the Board did close the public hearing, he would advise not to try and re-open this hearing now.

Craig Benedict, Orange County Planning and Inspections Director, said amendments will be brought back to the Board and staff will be trying a new process going forward. He said this may be one of the last amendments made under the old process.

Commissioner Price asked if the applicant has been informed of the addition of the bond language.

Michael Harvey said there is no applicant, but staff was directed by the Board to bring back this amendment. He said there were interested property owners.

Commissioner Price asked if those interested property owners were at the Planning Board meetings.

Michael Harvey said no.

Commissioner Price said she agreed with Commissioner Dorosin and his comments but does not want to hold this issue up again.

Commissioner Dorosin said he has reluctance about this item because he sees this as an incremental step forward and he wondered if this is enough of a change to make any difference.

Commissioner Dorosin said he finds the bond issue to be substantive enough of a change that the public should have been given a chance to respond. He said he would like to review the amendment in 6 months to see if it is working and if anyone is using it.

Commissioner Burroughs agreed to re-visit this process and said she will be supporting this motion because in their public hearings that these systems can be a net gain.

Chair McKee agreed that the Board should review this change in 6 to 12 months.

VOTE: Ayes, 5 (Chair McKee, Commissioner Pelissier, Commissioner Dorosin, Commissioner Price, and Commissioner Burroughs); Nays, 2 (Commissioner Jacobs and Commissioner Rich)

Motion Passes

6. Consent Agenda

- Removal of Any Items from Consent Agenda
NONE
- Approval of Remaining Consent Agenda

A motion was made by Commissioner Jacobs, seconded by Commissioner Rich to approve the remaining items on the consent agenda.

VOTE: UNANIMOUS

- Discussion and Approval of the Items Removed from the Consent Agenda

a. Minutes

The Board approved the minutes for April 23, 2015 BOCC Joint Meeting with Town of Hillsborough; April 28, 2015 BOCC Joint Meeting with the Schools; and May 5, 2015 BOCC Regular Meeting, as submitted by the Clerk to the Board.

b. Motor Vehicle Property Tax Releases/Refunds

The Board adopted a resolution, which is incorporated by reference, to release motor vehicle property tax values for nine (9) taxpayers with a total of ten (10) bills that will result in a reduction of revenue.

c. Fiscal Year 2014-15 Budget Amendment #10

The Board approved budget and capital project ordinance amendments for fiscal year 2014-15 for Information Technology; Board of Elections; Sheriff's Office; Miscellaneous; Department of Environment, Agriculture, Parks and Recreation; Emergency Services; Department of Social Services; Department on Aging; and Non-Departmental.

d. Application for North Carolina Education Lottery Proceeds for Chapel Hill – Carrboro City Schools (CHCCS) and Contingent Approval of Budget Amendment #10-A Related to CHCCS Capital Project Ordinances

The Board approved the application for North Carolina Education Lottery Proceeds and authorized the Chair to sign the application; and approved Budget Amendment #10-A receiving the Lottery Proceeds and the amended CHCCS Capital Project Ordinances contingent on NCDPI's approval of the application.

e. Orange County ABC Board Travel Policy

The Board approved the Orange County Alcoholic Beverage Control (ABC) Board's adoption and continued use of the County's travel policy.

f. JCPC Certification FY 2015-2016

The Board approved the Orange County Juvenile Crime Prevention Council (JCPC) Certification for FY 2015-2016 and authorized the Chair to sign the associated documents.

g. Dedication of Right of Way and Permanent Drainage Easements Servicing the Churton Street Access and Public Transportation Improvements

The Board approved a dedication of Right of Way and Permanent Drainage Easements to service the Churton Street access and public transportation improvements as presented, upon final review of the County Attorney, and authorized the Chair to sign.

h. Resolution on Rescinding Preemption of Local Tobacco Control

The Board adopted a resolution, which is incorporated by reference, which is similar to an Orange County Board of Health resolution that calls on the North Carolina General Assembly to restore local control over tobacco policies by rescinding preemption and authorized the Chair to sign the resolution.

i. Authorization for County Manager to Award County Detention Facility Professional Services Agreement

The Board delegated authority to the County Manager to execute a Professional Services Agreement with the selected designer for the County Detention Facility, upon final review of the County Attorney, during the summer break.

j. Eno-Haw Regional Hazard Mitigation Plan

The Board approved a resolution, which is incorporated by reference, adopting the Eno-Haw Regional Hazard Mitigation Plan as approved by the North Carolina Division of Emergency Management and authorized the Chair to sign.

k. Propane Vehicle Conversion and Refueling Grant Acceptance and Approval of Budget Amendment #10-B

The Board: 1) approved a NC Clean Energy and Technology Center grant and authorized the Manager to sign the contract, 2) approved Budget Amendment #10-B, to convert 19 vehicles to run on propane and install the necessary propane fueling infrastructure, and 3) instructed staff to proceed with this project.

l. Bicycle and Pedestrian Safety Report

The Board received the Orange Unified Transportation Board (OUTBoard) Draft Bicycle and Pedestrian Safety Report and directed staff to: 1. Review the list of recommended actions in Charge 5 of the Report with regard to financial costs, staffing capabilities, and required coordination with other agencies/entities; and 2. Return to the Board of Commissioners in fall 2015 with information relevant to implementing the lists of actions suggested in Charge 5 of the Report.

m. Authorization for County Manager to Award Buckhorn Mebane Sewer Phase 2 Extension Construction Contract and Professional Services Agreement

The Board authorized the Manager to: 1) Award the bid and, upon County Attorney review, execute the construction contract for the Buckhorn Mebane Sewer Phase 2 Extension project during the summer break in an amount not to exceed the project budget; 2) Execute, upon County Attorney review, a professional services contract with an engineering firm over the summer break for construction contract administration and engineering inspections within the project budget; and 3) Approve project change orders that do not in total exceed the project budget.

7. Regular Agenda

b. Approval of the Five-Year Capital Investment Plan and Adoption of the Orange County CIP Projects of \$22,793,345 for FY2015-16

The Board considered accepting and approving the FY2015-20 Orange County Five-Year Capital Investment Plan, and adopting the Orange County CIP Projects of \$22,793,345 for FY 2015-16.

Paul Laughton, Orange County Finance Administrative Services, said Attachment 1 showed revisions from the June 11, 2015 meeting, with changes highlighted in yellow. He said there is also included a new project for 2015-16 in the amount of \$100,000 for Fairview Park for access and parking improvements.

Bonnie Hammersley said the Board brought up Fairview Park for discussion at the June 11 meeting. She said the Master Plan was approved by the Board of County Commissioners (BOCC) in 2006 and a revised plan was approved in 2010. She said Phase one of the plan was completed in 2011 and Phase two of the master plan was not included in the CIP. She said Commissioner Price brought up the issue of insufficient parking earlier this year and she, staff and the Town of Hillsborough have been meeting since that time regarding the issue.

Bonnie Hammersley said Commissioner Jacobs asked for Fairview Park to be included in the 2015-16 CIP in the amount of \$100,000.

Bonnie Hammersley said staff met about this issue and determined that over the summer staff would begin the schematic design phase of the project. She said a schematic design is a requirement whenever substantial paving or construction is planned. She said it is hoped that by early fall staff can present options to the Board of County Commissioners about

ORANGE COUNTY, NORTH CAROLINA

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

2014-2015

RECORD OF FLOOD HAZARD INQUIRIES AND PERMIT DECISIONS:

The following is a synopsis of the various actions taken by staff to address local residents concern(s) over development on property encumbered by environmental features (i.e. streams, wetlands, etc.) and floodplain.

Orange County creates site assessment maps for property owners outlining development opportunities and constraints to aid the property owner/developer prepare for the submittal of a development permit application. This assessment identifies all environmental features, including stream buffers measured from identified floodplains, which have to be left in their natural state during development per Section 6.13 of the Orange County Unified Development Ordinance.

Staff has included 5 examples.

We have also processed approximately 41 zoning compliance permit requests involving development/redevelopment of property encumbered by floodplain. Virtually all permits were small additions and/or utility change outs. In all instances staff was able to determine compliance utilizing existing mapping and elevation data as well as site visits during development to ensure compliance with established flood development regulations.

Site Assessment for PIN: 9768-11-1753

Site Data

Zoning: Rural Buffer (RB)
 Acreage: 129 acres +/-
 Overlay Districts: University Lake Protected Watershed Overlay ;
 Special Flood Hazard Area (SFHA) Overlay District
 Plat/Legal Description: Unknwon
 Recorded Declarations/Covenants: Unknown

Zoning Requirements

Min. Lot Size: 87,120 sq. ft. (2 acres)
 Min. lot width: 130'
 Maximum height: 25'
 Building Setbacks:
 -Front (and Corner lots) = 40' from public rights-of-way
 -Side Setbacks = 20' from side lot lines
 -Rear Yard Setback = 20' from rear lot lines

Density is limited to 1 unit for every 5 acres (Section 4.2.4)

Environmental Features

-Stream buffer are located on the property - 100 ft. stream buffer (per Section 6.13) - shown.

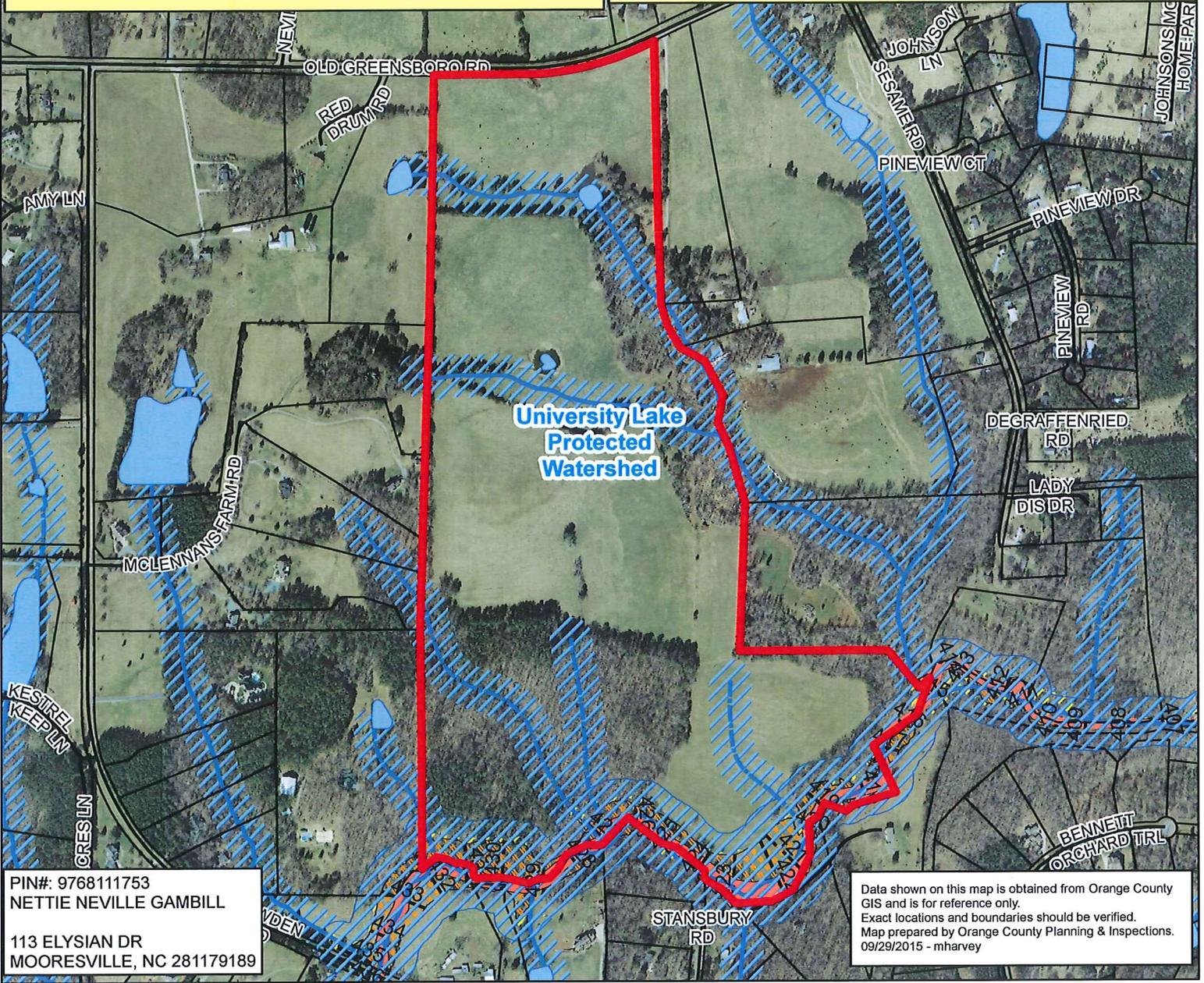
There is floodplain on the property and 100 ft. stream buffer measured off of same per the UDO (SFHA Overlay District)
 -- BFE for property: 431 ft. (433 ft. with County freeboard)

Impervious Surface Limits: 6% based on UDO (Sec 4.2.6)

Land Disturbance Thresholds

- 1) Environmental Control Permit required if disturbing more than 10,000 sq.ft.; and
- 2) Stormwater Management Permit required if disturbing more than 43,560 sq. ft. for residential structures.

Date Site Assessment Completed: 4/9/2015 by MDH



PIN#: 9768111753
 NETTIE NEVILLE GAMBILL
 113 ELYSIAN DR
 MOORESVILLE, NC 281179189

Data shown on this map is obtained from Orange County GIS and is for reference only. Exact locations and boundaries should be verified. Map prepared by Orange County Planning & Inspections. 09/29/2015 - mharvey

Floodplain Buffer 100ft	Parcels	100 YR Floodplain (Effective 02/02/07)	Base Flood Elevation (Symbol)
Streets	Zoning	Floodway (Effective 02/02/07)	
Stream Buffer 100ft	Water Body	500 Year Floodplains (Effective 02/02/07)	
USGS Stream	Watershed		
Soils Survey Stream			

1 inch = 700 feet
 0 180 360 Feet

Site Assessment for PIN: 9767-29-5479

Site Data

Zoning: Rural Buffer (RB)
 Acreage: 8.7 acres
 Overlay Districts: University Lake Protected Watershed Overlay ;
 Special Flood Hazard Area (SFHA) Overlay District
 Plat/Legal Description: PB 99 / PG 194
 Recorded Declarations/Covenants: Unknown

Zoning Requirements

Min. Lot Size: 87,120 sq. ft. (2 acres)
 Min. lot width: 130'
 Maximum height: 25'
Building Setbacks:
 -Front (and Corner lots) = 40' from public rights-of-way
 -Side Setbacks = 20' from side lot lines
 -Rear Yard Setback = 20' from rear lot lines

Density is limited to 1 unit for every 5 acres (Section 4.2.4)

Environmental Features

-Stream buffer are located on the property - 100 ft. stream buffer (per Section 6.13) - shown.

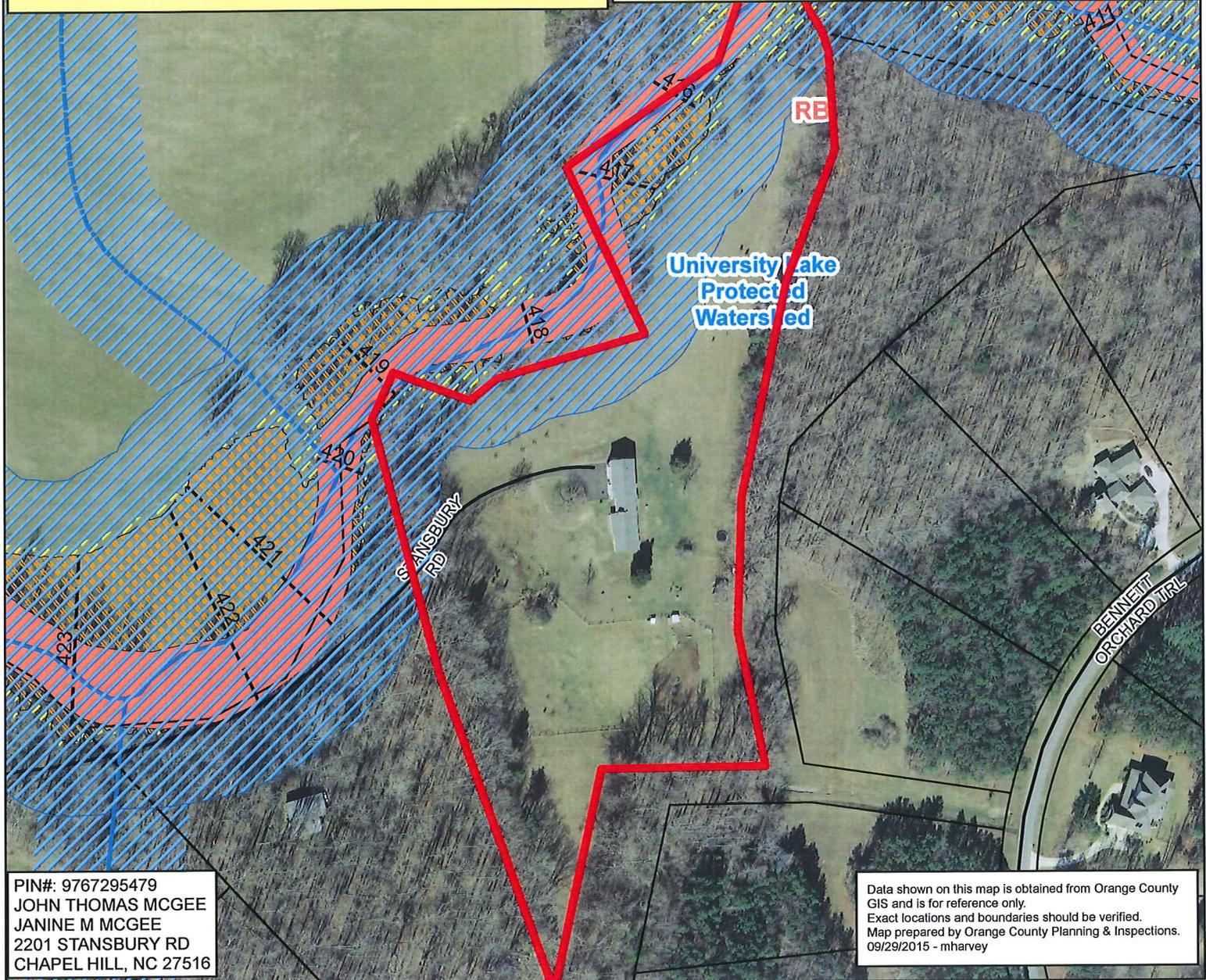
There is floodplain on the property and 100 ft. stream buffer measured off of same per the UDO (SFHA Overlay District)
 -- BFE for property: 420 ft. (422 ft. with County freeboard)

Impervious Surface Limits: 6% based on UDO (Sec 4.2.6)

Land Disturbance Thresholds

- 1) Environmental Control Permit required if disturbing more than 10,000 sq.ft.; and
- 2) Stormwater Management Permit required if disturbing more than 43,560 sq. ft. for residential structures.

Date Site Assessment Completed: 4/9/2015 by MDH



PIN#: 9767295479
 JOHN THOMAS MCGEE
 JANINE M MCGEE
 2201 STANSBURY RD
 CHAPEL HILL, NC 27516

Data shown on this map is obtained from Orange County GIS and is for reference only. Exact locations and boundaries should be verified. Map prepared by Orange County Planning & Inspections. 09/29/2015 - mharvey

- Floodplain Buffer 100ft
- Streets
- Stream Buffer 100ft
- USGS Stream
- Soils Survey Stream
- Parcels
- Zoning
- Watershed
- 100 YR Floodplain (Effective 02/02/07)
- Floodway (Effective 02/02/07)
- 500 Year Floodplains (Effective 02/02/07)
- Base Flood Elevation (Symbol)

1 inch = 200 feet
 0 50 100 Feet

Site Assessment for PIN: 9930-51-8822

Site Data

Zoning: Agricultural Residential (AR)
Acreage: 2.1 acres
Overlay Districts: None
Plat/Legal Description: PB 114 / PG 128
Recorded Declarations/Covenants: RB 6002 / 257
Subdivision was an exempt recombination plat (listed above)

Zoning Requirements

Min. Lot Size: 40,000 sq. ft.
Min. lot width: 150'
Maximum height: 25'
Building Setbacks:
-Front (and Corner lots) = 40' from public rights-of-way
-Side Setbacks = 20' from side lot lines
-Rear Yard Setback = 20' from rear lot lines

Environmental Features

- No streams or floodplain on the property
-- BFE for property: N/A

Impervious Surface Limits: N/A (not in protected watershed)

Land Disturbance Thresholds

1) Environmental Control Permit required if disturbing more than 20,000 sq.ft.; and
2) Stormwater Management Permit required if disturbing more than 43,560 sq. ft. for residential structures.

** Further subdivision of property is not possible due to density limit (Section 4.2 of UDO)**

Date Site Assessment Completed: 9/28/2015 by MDH



PIN#: 9930518822
SHELLEY ROGERS
JONATHAN V TOUPS
5925 OAKLEY RD
CEDAR GROVE, NC 27231

Data shown on this map is obtained from Orange County GIS and is for reference only.
Exact locations and boundaries should be verified.
Map prepared by Orange County Planning & Inspections.
09/28/2015 - mharvey

- Streets
- Parcels
- Zoning
- Water Body
- Watershed

1 inch = 100 feet
0 25 50 Feet

Site Assessment for PIN:9893-48-6650

Site Data

Zoning: Rural Residential (R-1)
Acreage:0.91 acres
Overlay Districts: Lower Eno Protected Watershed
Plat/Legal Description: Brigadoon
Recorded Declarations/Covenants: None found

Zoning Requirements

Min. Lot Size: 40,000 sq. ft.
Min. lot width: 150'
Maximum height: 25'
Building Setbacks:
-Front (and Corner lots) = 40' from public rights-of-way
-Side Setbacks = 20' from side lot lines
-Rear Yard Setback = 20' from rear lot lines

Note: Lot size, building setbacks and stream buffers may increase based on Private Road Justification (UDO 7.8.5). Lot cannot be further subdivided

Environmental Features:

-Stream buffer and Floodplain are not located on lot.

-Base Flood Elevation (BFE): N/A

-Minimum Finished Floor Elevation (FFE): N/A

Impervious Surface Limits: 24% max. (9,408.1 sq. ft. max based on 0.91 acres).

Land Disturbance Thresholds

- 1) Environmental Control Permit required if disturbing more than 20,000 sq.ft.; and
- 2) Stormwater Management Permit required if disturbing more than 21,780 sq. ft. for residential structures.

Date Site Assessment Completed: 4/9/2015 by MDH



--- 2' Contours (NCDOT)

□ Parcels

▭ Zoning

▭ Watershed

▭ Soils



1 inch = 60 feet

0 10 20 Feet

Site Assessment for PIN:9855-18-5369

Site Data

Zoning: AR - Agricultural Residential
 Acreage:8.01 acres
 Overlay Districts: Upper Eno Critical and Special Flood Hazard Area Overlay
 Plat/Legal Description: DB 5242 / PG 235 Plat Book 39 / PG 156
 Recorded Declarations/Covenants: Not Found

Zoning Requirements

Min. Lot Size: 40,000 sq. ft.
 Min. lot width: 150'
 Maximum height: 25'
 Building Setbacks:
 -Front (and Corner lots) = 40' from public rights-of-way
 -Side Setbacks = 20' from side lot lines
 -Rear Yard Setback = 20' from rear lot lines

Note: Lot size, building setbacks and stream buffers may increase based on Private Road Justification (UDO 7.8.5).

Environmental Features:

-Stream buffer and Floodplain located on lot. Stream buffer is 80 ft (method A 8.8%). Floodplain located on lot 80 ft (method A 8.8%)

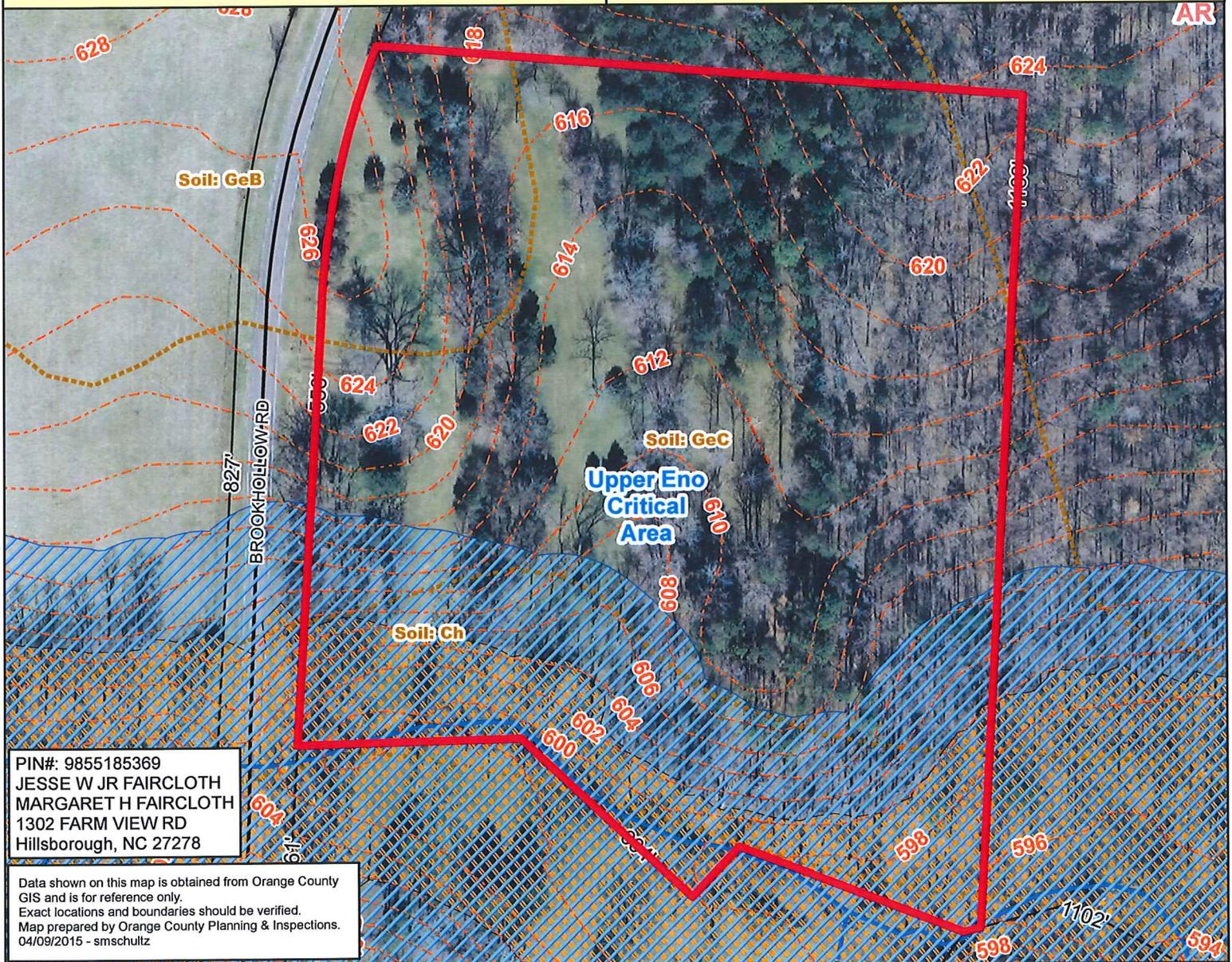
-Base Flood Elevation (BFE) is : 604 ft (based on FIRM Map)
 -Minimum Finished Floor Elevation (FFE) is: 606 ft (with County freeboard)

Impervious Surface Limits: 6% max. (20,934.9 sq. ft. max based on 8.01 acres).

Land Disturbance Thresholds

- 1) Environmental Control Permit required if disturbing more than 10,000 sq.ft.; and
- 2) Stormwater Management Permit required if disturbing more than 21,780 sq. ft. for residential structures.

Date Site Assessment Completed: 4/09/2015 by SMS



PIN#: 9855185369
 JESSE W JR FAIRCLOTH
 MARGARET H FAIRCLOTH
 1302 FARM VIEW RD
 Hillsborough, NC 27278

Data shown on this map is obtained from Orange County GIS and is for reference only. Exact locations and boundaries should be verified. Map prepared by Orange County Planning & Inspections. 04/09/2015 - smschultz

- USGS Stream
- Soils Survey Stream
- OC Updated Stream
- Stream Buffer 80ft
- Floodplain Buffer 80ft
- 2' Contours (NCDOT)
- Parcels
- Zoning
- Watershed
- Soils
- 100 YR Floodplain (Effective 02/02/07)

Number	R/O	Apr	Type	Sub Type	Lev	Date	Status	Location	Type_Cat	Entered Date
CB14-01624	R	Y	BI_COMBO	1039	A	10/08/2014	CofO	2906 NEW HOPE CHURCH RD	OCPL	10/08/2014
CB14-01659	R	Y	BI_COMBO	1045	A	10/14/2014	ISSUED	2555 COMANCHE TRL	OCPL	10/14/2014
CB14-01729	R	Y	BI_COMBO	1039	A	10/23/2014	CofO	5429 VALINDA DR	OCPL	10/23/2014
CB14-01736	R	Y	BI_COMBO	1029	A	10/29/2014	EXPIRED	434 BETHLEHEM LN	OCPL	10/24/2014
CB14-01794	R	Y	BI_COMBO	1046	A	11/03/2014	ISSUED	6248 UNION GROVE CHURCH RD	OCPL	11/03/2014
CB14-01800	R	Y	BI_COMBO	1039	A	11/04/2014	CofO	2909 CANTER DR	OCPL	11/04/2014
CB14-01808	R	Y	BI_COMBO	1039	A	11/06/2014	CofO	5513 QUAIL HOLLOW DR	OCPL	11/06/2014
CB14-01835	R	Y	BI_COMBO	1042	A	11/11/2014	CofO	4111 US 70 E	OCPL	11/11/2014
CB14-01838	R	Y	BI_COMBO	1039	A	11/11/2014	CofO	2709 CANTER DR	OCPL	11/11/2014
CB14-01884	R	Y	BI_COMBO	1034	A	11/19/2014	CofO	3211 EXCELL DR	OCPL	11/19/2014
CB14-01903	R	Y	BI_COMBO	1039	A	11/20/2014	CofO	301 LITTLE RIVER PARKWAY	OCPL	11/20/2014
CB14-01974	R	Y	BI_COMBO	1034	A	12/05/2014	ISSUED	7818 CIRCLE L TRL	OCPL	12/05/2014
CB14-02008	R	Y	BI_COMBO	1034	A	12/10/2014	CofO	6507 HARMONY CHURCH RD	OCPL	12/10/2014
CB14-02037	R	Y	BI_COMBO	1039	A	12/15/2014	CofO	925 NEW HOPE CHURCH RD	OCPL	12/15/2014
CB14-02061	R	Y	BI_COMBO	1039	A	12/19/2014	CofO	1322 AUSLING WAY	OCPL	12/18/2014
CB15-00036	R	Y	BI_COMBO	1039	A	01/08/2015	CofO	1201 PHILS CREEK RD	OCPL	01/08/2015
CB15-00066	R	Y	BI_COMBO	1034	A	01/14/2015	ISSUED	3219 TIPI LN	OCPL	01/14/2015
CB15-00069	R	Y	BI_COMBO	1039	A	01/15/2015	CofO	2221 MANDY LN	OCPL	01/15/2015
CB15-00084	R	Y	BI_COMBO	1034	A	01/20/2015	CofO	2547 COMANCHE TRL	OCPL	01/20/2015
CB15-00121	R	Y	BI_COMBO	1039	A	01/26/2015	CofO	102 STONE CREEK CT	OCPL	01/26/2015
CB15-00135	R	Y	BI_COMBO	1034	A	01/28/2015	FINALED	3812 CLOEE CIR	OCPL	01/26/2015
CB15-00175	R	Y	BI_COMBO	1031	A	02/03/2015	CofO	5900 FLORASALINE DR	OCPL	02/02/2015
CB15-00213	R	Y	BI_COMBO	1039	A	02/09/2015	ISSUED	1332 SALEM LN	OCPL	02/09/2015
CB15-00204	R	Y	BI_COMBO	1029	A	02/11/2015	CofO	2050 TERRELL WOODS LN	OCPL	02/06/2015
CB15-00205	R	Y	BI_COMBO	1031	A	02/11/2015	ISSUED	4820 OAK GROVE CHURCH RD	OCPL	02/09/2015
CB15-00296	R	Y	BI_COMBO	1029	A	02/24/2015	ISSUED	138 TUMBLING BROOK LN	OCPL	02/20/2015
CB15-00297	R	Y	BI_COMBO	1034	A	02/24/2015	CofO	1310 SYKES DR	OCPL	02/23/2015
CB15-00315	R	Y	BI_COMBO	1029	A	02/24/2015	ISSUED	7051 MARY HALL RD	OCPL	02/24/2015
CB15-00317	R	Y	BI_COMBO	1039	A	02/24/2015	CofO	5600 TWIN CREEKS TRL	OCPL	02/24/2015
CB15-00272	R	Y	BI_COMBO	1030	A	02/27/2015	CofO	1645 MT CARMEL CHURCH RD	OCPL	02/18/2015
CB15-00333	R	Y	BI_COMBO	1031	A	03/02/2015	ISSUED	614 ARTHUR MINNIS RD	OCPL	02/25/2015
CB15-00347	R	Y	BI_COMBO	1032	A	03/03/2015	CofO	818 OASIS DR	OCPL	03/03/2015
CB15-00425	R	Y	BI_COMBO	1039	A	03/17/2015	CofO	2310 STANSBURY RD	OCPL	03/17/2015
CB15-00603	R	Y	BI_COMBO	1039	A	04/14/2015	ISSUED	504 BRANDYWINE RD	OCPL	04/14/2015
CB15-00733	R	Y	BI_COMBO	1029	A	05/13/2015	ISSUED	206 TUMBLING BROOK LN	OCPL	05/01/2015
CB15-01144	R	Y	BI_COMBO	1039	A	07/06/2015	CofO	5314 TAPROOT LN	OCPL	07/06/2015
CB15-01145	R	Y	BI_COMBO	1039	A	07/06/2015	ISSUED	5310 TAPROOT LN	OCPL	07/06/2015
CB15-01379	R	Y	BI_COMBO	1034	A	08/10/2015	CofO	1332 SALEM LN	OCPL	08/10/2015
CB15-01429	R	Y	BI_COMBO	1030	A	08/19/2015	APPROVED	2961 CANTER DR	OCPL	08/13/2015
CB15-01447	R	Y	BI_COMBO	1030	A	08/21/2015	ISSUED	1725 RIVERSIDE DR	OCPL	08/17/2015
CB15-01534	R	Y	BI_COMBO	1039	A	08/31/2015	CofO	5510 QUAIL HOLLOW DR	OCPL	08/31/2015

Total Rows: 41

Sub Type Code (# of Elevation Determinations Performed):

- 1006 = Commercial (0)
- 1012 = Efficiency Unit (0)
- 1029 = Residential One Family Dwelling (1)
- 1030 = Residential Accessory Structure (3)
- 1031 = Residential Addition (3)
- 1032 = Residential Alteration (1)
- 1033 = Residential Removal (1)
- 1034 = Residential Electrical (8)
- 1035 = Residential Repair (5)
- 1039 = Residential Mechanical (17)
- 1042 = Single Wide Replacement Manufactured Home (1)
- 1045 = Residential Plumbing (1)

Staff Note(s):

1. Majority of listed requests were for modification of existing structure(s) or utility change outs (i.e. new furnace, air conditioner, etc.)
2. Elevations determined using GIS data (i.e. aerial photo and contour data) along with submitted site plan.
3. Staff conducted a field visit verifying mapping data and that the proposal complied with flood regulations.
4. In instances where a definitive determination could not be made, an elevation certificate was required (** NOTE – no elevation certificates were required during 2014-2015 recertification period).