



# Ridgewood Hills First Plat

**Planning Staff: Kimberly Tyson**

**Applicants: Pranay Parekh**

Request by Sam Nye, P.E. for subdivision **First Plat** review and approval of **Ridgewood Hills**, consisting of 25 lots on 130.306 acres, located off Hatley Road (SR-1714), parcel 17357 in New Hope Township.

# Introduction and Background

**Zoning:** R-5

**Water System:** Public

**Sewer System:** Private On-Site

**Subject to 100 Year Flood:** No special flood hazard area within the development.

**General Information:** The subdivision process is a four (4) step process: Concept Plan, First Plat, Construction Plan, and Final Plat. The applicant has completed the community meeting and the Concept Plan review. The minimum lot size requirement for the project is 3-acres with an overall average of 5-acres. The Planning Board has two (2) meetings in which to act on the proposal.

# Discussion and Analysis

- Request by Sam Nye, P.E. for subdivision **First Plat** review of **Ridgewood Hills**, consisting of 25 lots on 130.306 acres, located off Hatley Road, parcel 17357.
- Parcel 17357 was previously zoned Conditional Use-RA90 with a conditional use permit for a major subdivision and the Board of Commissioners approved rezoning the property to R-5 on October 16, 2023. Prior to the CU-RA90 zoning, the property was zoned R5.



# Discussion and Analysis

**Roadways:** The road is to be built as a 20-foot-wide travel way with a 60-foot-wide private right-of-way.

**Historical:** The site was the location of Hamm Windham House. There are numerous water features, and the likelihood of Native American habitation is increased. CCHA requested photos and measurements of the buildings on the property.

**Schools:** Notification of the proposed development was provided to the Chatham County School System. Chatham County Schools Assistant Superintendent for Operations was contacted by email dated May 6, 2024.

**Community Meeting:** A community meeting was held on September 28, 2023, at Chatham County Library, Pittsboro, NC. Approximately eighteen people attended the meeting. Items/issues discussed included will there be street lighting, how will the project affect the surrounding roads, will the waterline run down Hatley Road .



# Discussion and Analysis

- **General Environmental Documentation:** The developer submitted the General Environmental Documentation and a letter dated October 23, 2023, from North Carolina Department of Natural and Cultural Resources Natural Heritage Program to Chatham County Land & Water Resources Division for review. The letter states “A query of the NCNHP database, indicates that there are records for rare species, important natural communities, natural areas, and/or conservation/managed areas within the proposed project boundary. Rare species and natural communities that have been documented within a one-mile radius of the property boundary. The proximity of these records suggests that these natural heritage elements may potentially be present in the project area if suitable habitat exists.” Taylor Burton, Senior Watershed Specialist, reviewed the information submitted. Ms. Burton replied in a letter dated April 3, 2024, that the requirement has been met. Additional comments included any Allowable uses and Allowable with Mitigation uses in the protected riparian buffer will require a Buffer Authorization from Chatham County, all permits with wetland and stream impacts from NC Division of Water Resources and the US Army Corps of Engineers will need to be obtained prior to receiving approval from Chatham County for a Grading Permit and Land Disturbing Permit.
- Taylor Burton, Watershed Specialist, reviewed and approved the information submitted.



# Discussion and Analysis

**Technical Review Committee:** The TRC met May 15, 2024, to review the First Plat submittal. Mr. Sam Nye, P.E. with The Site Group, was present. Discussion included if there will be street lighting and subdivision signage, wells will need to be abandoned, water features on the plat needs to be labeled, septic fields needs to be located outside of the riparian buffers, concerns property owners will disturb the riparian buffers, keep a lookout for graves and artifacts, and Hamm Windham house was torn down in 2012 but some out buildings still exist and CCHA would like some photos and measurements.

**Septic:** A soils report and map was submitted to James Tiger, Chatham County Environmental Health Supervisor II, for review. Mr. Tiger stated, "The proposed subdivision appears adequate based on the limited information provided."

1. Stormwater control measures may impact useability of soils areas - work with your soil scientist to verify required setbacks.
2. Several sites show surface drip soils - permitting through NCDEQ will be required.
3. Several sites show subsurface drip soils - designs by an engineer will be required.
4. Sites with less than 15,000 sq.ft. of low-profile/conventional soils may require additional work by a consultant or alternative systems to permit depending on topography, soil depth, soil group, final house dimensions and location, number of bedrooms, driveway locations, site grading plans, the need for interceptor drains, etc.

**Water:** Public water from Chatham County Water Dept.

**Road Name:** The road names Ridgewood Hills Drive, Windham Court, Hamm Court, Stony Meadow, and Spring Branch Court has been approved by Chatham County Emergency Operations Office as acceptable for submittal to the Board of Commissioners for approval.

# Discussion and Analysis

- **Water Features:** Hart & Hickman personnel completed a site visit in September 2023 and identified fifty-eight (58) surface waters within the review area that were potentially subject to riparian buffer. Matt Hugo with Hart and Hartman, PC completed the on-site riparian buffer visit with Drew Blake, Asst. Director Watershed Protection Dept. on February 5, 2024 to verify the consultant's findings. A confirmation letter dated February 14, 2024 stated one (1) ephemeral stream, ten (10) intermittent streams, six (6) perennial streams, twenty-two (22) potential wetlands. A 30-ft buffer from top of bank landward on both sides of the feature for all ephemeral streams, a 50-ft buffer will be required beginning at the flagged boundary and proceeding landward on all wetlands, a 50-ft buffer from top of bank landward on both sides of the feature for all intermittent streams, and a 100-ft buffer from top of bank landward on both sides of the feature for all perennial streams. On-site determination expires five years from the date of the riparian buffer report. The Jurisdictional Determination has been submitted to the Army Corp of Engineers. The JD will be required at construction plan submittal.
- **Stormwater and Erosion Control:** There are two (2) proposed stormwater devices and as part of the stormwater permitting process additional information will be provided to the Watershed Protection Department during the permitting process. A Stormwater Permit and Sedimentation & Erosion Control Permit will be obtained from the Chatham County Watershed Protection Department prior to Construction Plan submittal. No land disturbing activity can commence on the property prior to obtaining Construction Plan approval.







## Site Visit

- Site visits were scheduled for May 23, 2024, for Planning Department staff and various board members to attend. Kevin O'Neal and John Stroud were present to walk the property with staff and Board members and discuss the project.



# Site Visit








## Site Visit





# Comprehensive Plan Evaluation

## PLAN ELEMENTS

-  Economic Development
-  Land Use
-  Housing
-  Health
-  Agriculture
-  Natural Resources
-  Resiliency
-  Parks and Recreation
-  Transportation
-  Utilities and Public Services







# Plan Chatham Evaluation



- Plan Chatham was adopted by the Board of Commissioners in November 2017 and is a comprehensive plan that provides strategic direction to address the most pressing needs in the county. This property is located in an area of the county identified as Rural on the Future Land Use and Conservation Plan Map. The description for rural includes low-density, single-family homes on large lots, agriculture, home-based & small-scale businesses, regional greenway trails, and conservation easements.
- 
- The proposed conventional subdivision meets the adopted riparian buffer and stormwater control standards of the county. The developer also contacted the NC Natural Heritage Program to review their database for any rare species, important natural communities, natural areas, or conservation/managed areas within the project boundary and none were identified in their records. It should be noted that Plan Chatham is not intended to be used as a regulatory tool but is a policy document. When reviewing subdivision applications, the boards can use the plan as a tool to identify future regulatory changes.



# Planning Staff Recommendation



The Planning Department recommends granting approval of the road names Anfield Road and granting approval of the First Plat for **Ridgewood Hills** with the following conditions:

- 1. Approval of the First Plat shall be valid for a period of twenty-four (24) months following the date of approval by the Board of Commissioners and the Construction Plan approval shall be valid for a period of twenty-four (24) months from the date of approval by the Technical Review Committee or Board of Commissioners
- 2. The county attorney shall review and approve the contract and performance guarantee prior to final plat recordation.
- 3. The final plat shall provide the overall lot size average.
- 4. The final plat shall include the road names.
- 5. A copy of the road maintenance policy shall be provided to planning staff prior to recordation of the final plat.