

**SAN ANTONIO WATER SYSTEM**  
**Interdepartment Correspondence Sheet**

17 JAN -6 PM 1:30

**To:** Zoning Commission Members

**From:** Scott R. Halty, Director, Resource Protection & Compliance Department,  
San Antonio Water System

**Copies To:** Andrew Wiatrek, Manager, Edwards Aquifer and Watershed Protection Division,  
Michael Barr, Supervisor, Aquifer Protection and Evaluation Section, Michael A.  
Escalante, Environmental Protection Specialist III

**Subject:** Zoning Case Z2017033 (Woodsprings Suites Hotel)

**Date:** January 6, 2017

**SUMMARY**

A request for a change in zoning has been made for an approximate 6.17-acre tract located on the city's northeast side. A change in zoning from **"C-2 ERZD MLOD to C-2 S ERZD MLOD"** is being requested by the applicant, New Era SA LLC, Christopher Stevens, and represented by Ashley Farrimond, Kaufman & Killen, Inc. The change in zoning has been requested to allow a hotel development. The property is currently classified as a Category 2.

Based on the site evaluation of the property, and the information submitted by the applicant, SAWS staff recommends **approval** of the proposed land use. Should the City Council rezone the property that is the subject of this report, the San Antonio Water System recommends that any development on that property after the zoning classification has been changed should be restricted as stated in the environmental recommendations section of this report.

**LOCATION**

The subject property is located in City Council District 9, 1,223 ft. west of Redland Road on North Loop 1604 East. The property lies within the Edwards Aquifer Recharge Zone (Figures 1 and 2).

**SITE EVALUATION**

1. Development Description:

The proposed change is from **"C-2 ERZD MLOD to C-2 S ERZD MLOD"** and will allow for a hotel development. Previously, the property had a single-family home and is currently undeveloped and vegetated.

2. Surrounding Land Uses:

Sendero Ridge Apartment Homes borders northwest of the subject site. Redland Heights Subdivision borders northeast and east of the property. Undeveloped property and Community Bible Church lie west of the project. North Loop 1604 borders to the south with single-family residential located beyond.

3. Water Pollution Abatement Plan:

A WPAP file under the name Woodspring Suites Sendero Ridge had been previously submitted to the Texas Commission on Environmental Quality (TCEQ) for review and approval prior to commencement of construction.

4. Geologic Conditions:

The Aquifer Protection and Evaluation Section of the San Antonio Water System conducted a site evaluation on December 13, 2016, of the referenced property to assess the geologic conditions and evaluate any environmental concerns present at the site. SAWS Environmental Geologist, Mr. Bruce Keels, P.G., was present during the site evaluation.

The subject site was observed to be two lots, approximately 6.17 acres in area, undeveloped and vegetated. A former residential house foundation and a water well were observed on the property. A fault was mapped along the northwest corner of the subject site. No expression of this fault were observed within the project. Stormwater occurring on the subject site would drain toward the west and toward Mud Creek.

Using U.S. Geological Survey Water-Resources Investigations Report 95-4030 it was determined that the subject site is underlain by the Leached and Collapsed and Regional Dense Members of the Person Formation, and by the Grainstone Member of the Kainer Formation.

The Leached and Collapsed Member of the Person Formation is characterized by the presence of crystalline limestone, grainstone, and mudstone, with chert nodules and breccia conglomerations. The full section thickness of this member is approximately 70 to 90 feet thick.

The Regional Dense Member is characterized as the vertical confining unit between the Kainer Formation and Person Formation, with very low permeability. The fully section thickness of this member is approximately 20 to 24 feet thick.

The Grainstone Member of the Kainer Formation is characterized by the presence of crossbedded lime mudstone, wackestone, and chert nodules. The full section thickness of this member is 50 to 60 feet.

No sensitive geologic features other than the observed residential water well were identified within the subject site.

## **ENVIRONMENTAL CONCERNS**

The environmental concerns associated with this development being constructed on the Edwards Aquifer Recharge Zone are:

### **General Concerns**

1. The improper use of pesticides, herbicides, or fertilizers needed for landscape maintenance that may be carried off in the first flush of stormwater run-off.
2. The build-up of hydrocarbons and other pollutants on streets, parking lots and other paved areas that are then carried off in the first flush of stormwater run-off.

## **ENVIRONMENTAL RECOMMENDATIONS**

The following recommendations address the environmental concerns raised by the construction of this development on the Edwards Aquifer Recharge Zone:

### **Site Specific Recommendations**

1. The impervious cover shall not exceed 50% on the site.
2. Wells that are no longer in use or abandoned shall be properly plugged in accordance with SAWS water well plugging procedures. The Ground Water Resource Protection Section should be notified at (210) 233-3546 upon discovery and plugging of such wells.
3. The land uses within the project site shall be in conformance with the table of permitted uses at the time the re-zoning is approved. Should a proposed use be listed as requiring City Council approval, the owner/operator shall apply for re-zoning for that particular use at the project site. If the land use is listed as special use, a special permit must be obtained for that use. If the land use is listed as not allowed, that land use will not be permitted on the project site.
4. The owner of all water pollution abatement structures shall ensure these structures are properly maintained and kept free of trash and debris. A signed water quality maintenance plan must be submitted to the Aquifer Protection & Evaluation Section of SAWS. If at any time the ownership of the property changes, the seller must disclose to the buyer all the requirements of the water quality maintenance plan. The new owner must submit a signed water quality maintenance plan to the Aquifer Protection & Evaluation Section of SAWS.

5. Landscaped areas shall be sensitive to minimizing water needs, i.e., use of native plants. Each purchaser of an individual lot or tenant within this development shall be informed by the seller or lessor in writing about Best Management Practices (BMP) for pesticide and fertilizer application. Preventing Groundwater Pollution, A Practical Guide to Pest Control, available from the Edwards Aquifer Authority (210) 222-2204, or equivalent information produced by the U.S. Natural Resource Conservation Service, Texas Department of Agriculture, U.S. Department of Agriculture, shall be used.
6. The applicant shall notify the Construction Monitoring of SAWS at (210) 233-3565 no later than 48 hours prior to the commencement of construction at the site. If any significant geologic features such as, but not limited to, solution openings, caves, sinkholes, or wells are found during the excavation, construction, or blasting, the developer shall notify the Texas Commission on Environmental Quality and the Aquifer Protection & Evaluation Section of SAWS at (210) 233-3522.

#### **General Recommendations**

1. Prior to the release of any building permits the owner/operator of any Category 2 property shall submit an Aquifer Protection Plan to the Resource Protection Division of the San Antonio Water System.
2. The City of San Antonio shall inspect all future construction of the sewage collection system to include service laterals and sewer mains for proper construction according to State and City Regulations and Code.
3. Prior to the release of any building permits, the following shall be submitted to the SAWS Aquifer Protection & Evaluation Section of the Resource Protection Division:
  - A. A copy of the Water Pollution Abatement Plan shall be submitted for each particular development/use within the area being considered for re-zoning,
  - B. A set of site specific plans which must have a signed Engineers Seal from the State of Texas,
  - C. A WPAP approval letter from the Texas Commission on Environmental Quality,
  - D. A copy of the approved Water Pollution Abatement Plan.

4. If a water quality basin or below grade basin is constructed on the property, the following is required:
  - A. If a below grade basin is constructed on site, the treatment chambers shall be accessible at all times of the day for visual inspection of the entire treatment portion of the basin at the final grade surface level . The inspection shall not be impeded by obstructions or equipment that limit the ability for an inspector to visually inspect the condition of the treatment devices.
  - B. The basin owner is required to submit to the SAWS Aquifer Protection and Evaluation staff, an annual maintenance and monitoring report. To be reviewed by the SAWS staff for compliance, maintenance, and operational measures outlined in the TCEQ Technical Guidance Manual (TGM).
  - C. Prior to the start of the basin construction, the owner will notify the Aquifer Protection and Evaluation Section of the SAWS at (210) 233-3522 to schedule a site inspection.
  - D. After basin construction is complete and prior to the start of business, the owner will notify the Aquifer Protection and Evaluation Section at (210) 233-3522 to schedule a site inspection. Additionally, we recommend a maintenance plan and schedule be developed and submitted to the Aquifer Protection and Evaluation Section of SAWS.
  - E. If the basin fails to drain properly, the owner will notify the Construction Monitoring Section of the Resource Protection & Compliance Division at (210) 233-3565 prior to any discharge of water.
  - F. If at any time the ownership of the property changes, the seller must inform the buyer of all requirements for maintenance of the basin. A signed basin maintenance plan and schedule agreement, from the new owner, must be submitted to the Aquifer Protection & Evaluation Section of SAWS.
5. The Resource Protection & Compliance Division staff shall have the authority to inspect the site to ensure that the approved recommendations are being strictly adhered to during and after construction of the project.

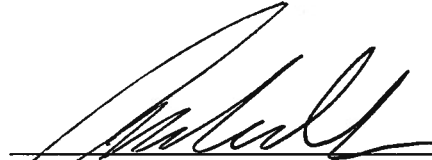
Zoning Commission Members

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Based on the site evaluation of the property, and the information submitted by the applicant, staff recommends **approval** of the proposed land use. Additionally, SAWS staff recommends that the applicant, or any future owner, comply with the above recommendations in regards to the development of the subject property.

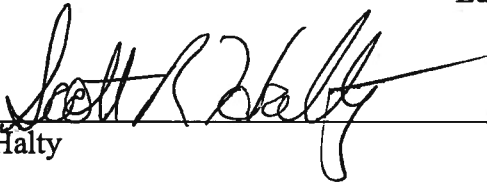
APPROVED:



Andrew Wiatrek

Manager

Edwards Aquifer and Watershed Protection Division

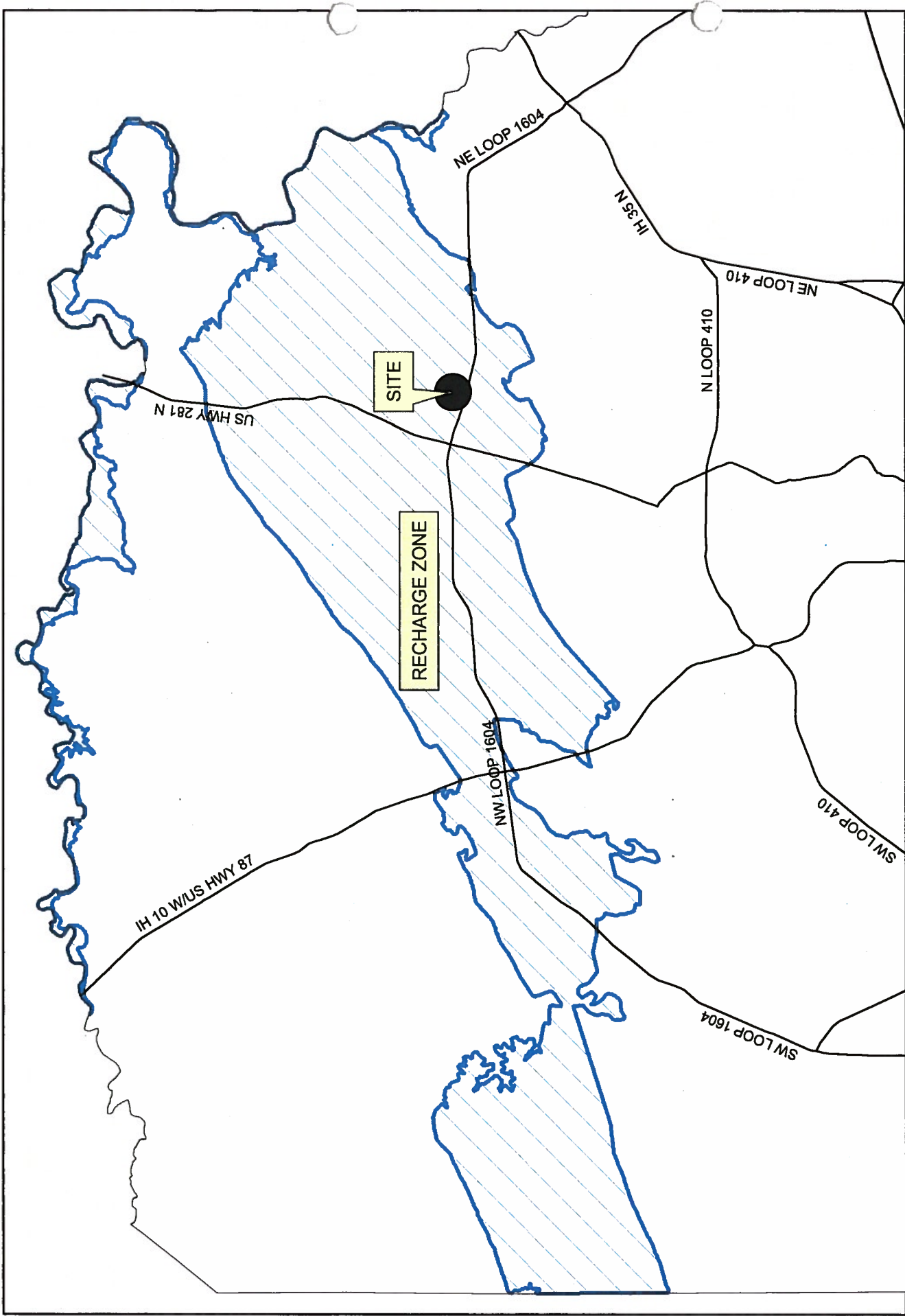


Scott R. Halty

Director

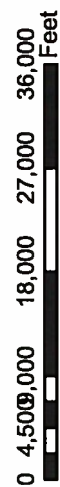
Resource Protection & Compliance Department

MTB:MAE

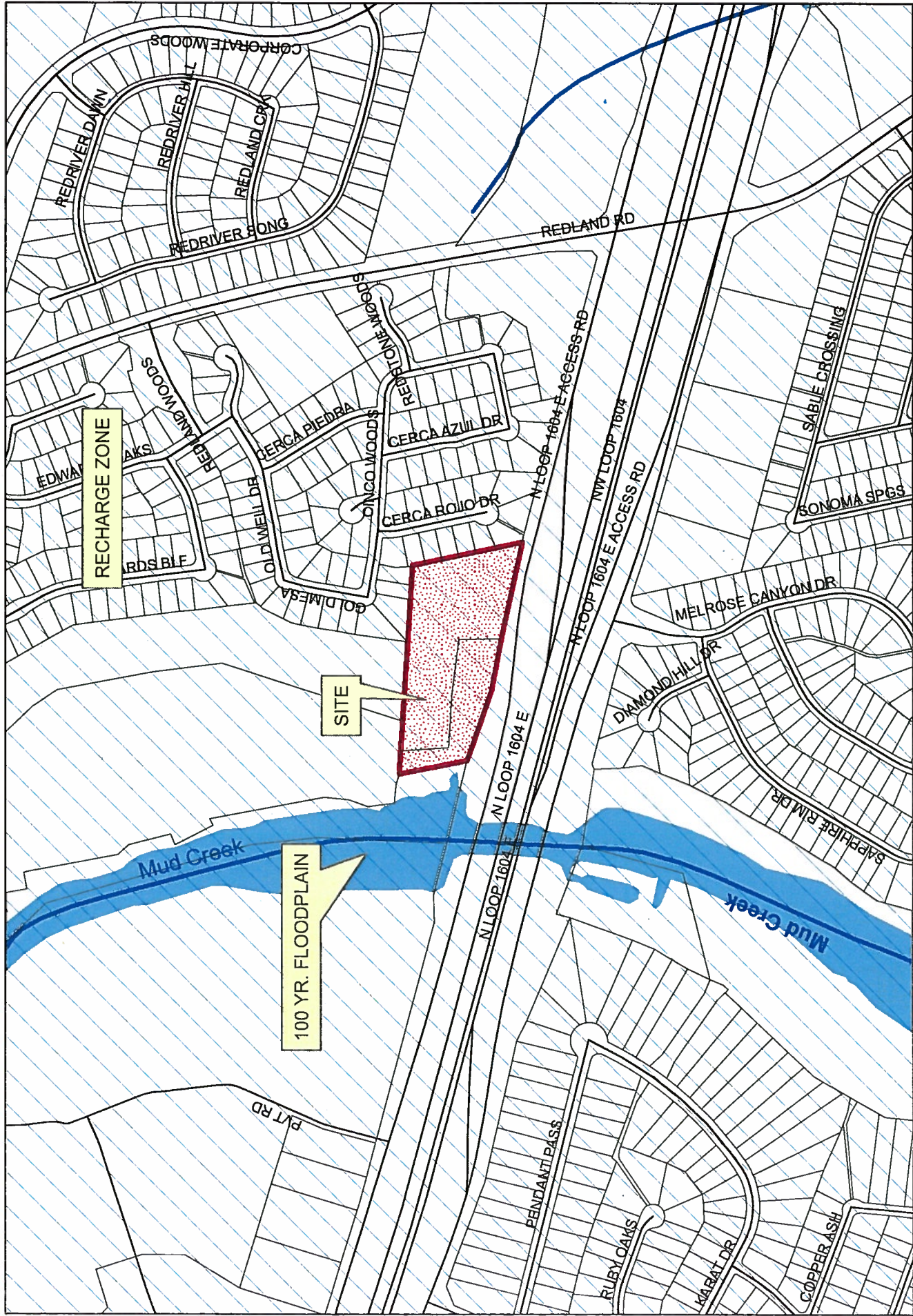


ZONING FILE: WOODSPRINGS SUITE HOTEL (FIGURE 1)  
ZONING CASE: Z2017033  
MAP GRID: 151, F5

1 in = 16,667 ft







ZONING FILE: WOODSPRINGS SUITE HOTEL (FIGURE 2)  
ZONING CASE: Z2017033  
MAP GRID: 151, F5