



City of Alachua

Planning & Community Development Department

Staff Report

Planning & Zoning Board Hearing Date: December 11, 2018
Quasi-Judicial Hearing

SUBJECT: A request to amend the Official Zoning Atlas from Agricultural- Rural Business("A-RB")(Alachua County) to Agricultural ("A") on a ±1.30 acre subject property

PROPERTY OWNER: North Florida Water Systems, Inc.

LOCATION: 16539 NW US Highway 441, west of Oakmont Estates subdivision, north of Jack's Small Engine Repair, and east of the Jeffords Farm property

PARCEL ID NUMBER(S): 03068-000-000

ACREAGE: ± 1.30

PROJECT PLANNER: Adam J. Hall, AICP

RECOMMENDATION: Staff recommends that the Planning & Zoning Board transmit the proposed Site Specific Amendment to the Official Zoning Atlas to the City Commission with a recommendation of Approval.

RECOMMENDED MOTION: *Based upon the competent substantial evidence presented at this hearing, the presentation before this Board, and Staff's recommendation, this Board finds the application to be consistent with the City of Alachua Comprehensive Plan and in compliance with the Land Development Regulations and transmits the proposed Site Specific Amendment to the Official Zoning Atlas to the City Commission, with a recommendation to approve.*

SUMMARY

The proposed Site Specific Amendment to the Official Zoning Map (rezoning) is a request to amend the Official Zoning Atlas from Agricultural- Rural Business (“A-RB”) (Alachua County) to Agricultural (“A”) on the subject property.

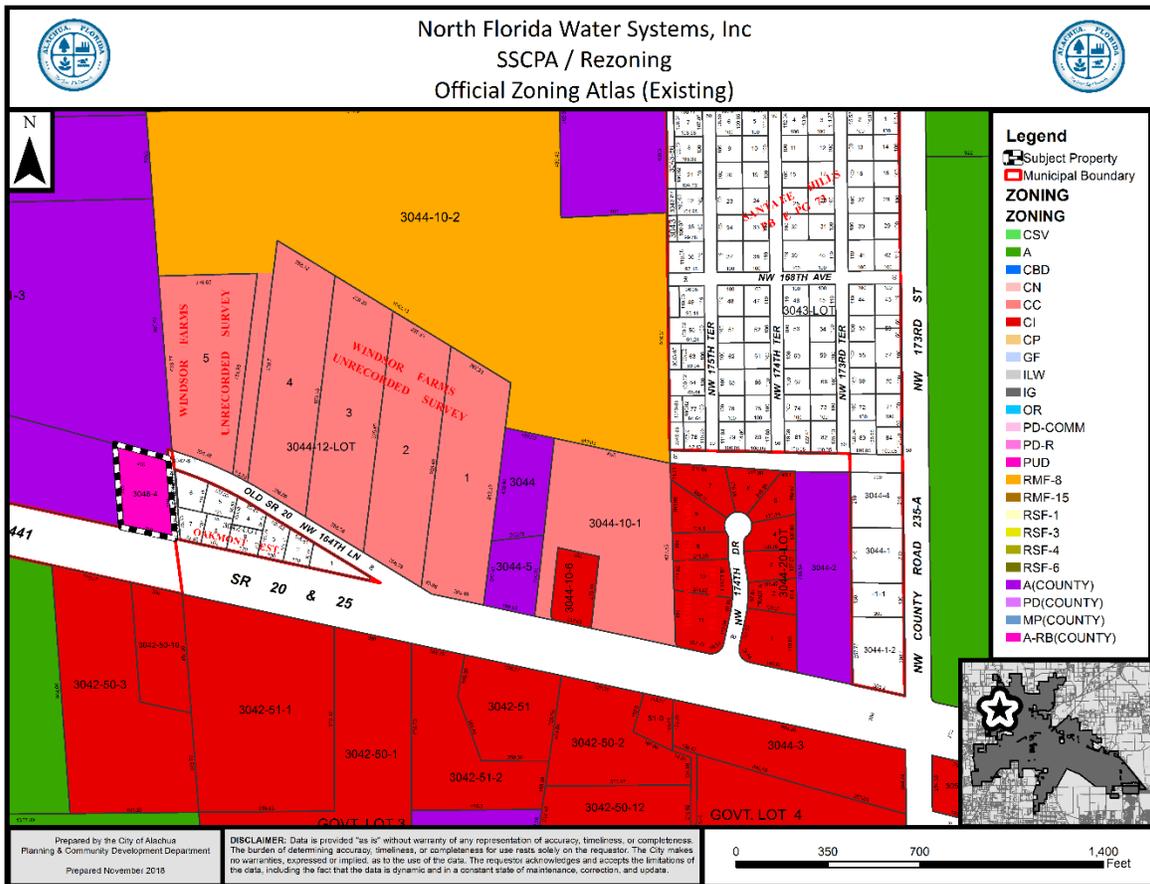
The subject property was annexed through Ordinances 18-13 (adopted July 23, 2018) and as a part group of annexations for which the application fee to be annexed had been waived (Resolutions 17-11 and 17-19). Through Resolution 18-03, the City Commission had also waived application fees for Comprehensive Plan Amendment and Rezoning applications for those properties annexed through the fee waiver resolution.

The subject property currently has an Agriculture (Alachua County) Future Land Use designation. A companion application proposes an amendment to the City’s Comprehensive Plan that would amend the subject property to Agriculture Future Land Use designation.

The Agricultural (“A”) Zone District is described as follows in Section 3.3.2 of the Land Development Regulations (LDRs):

The A district is intended to provide for areas primarily consisting of agriculture uses and agriculture support uses and also allow low-density single-family residential development. The maximum residential density allowed in the district is one dwelling unit per five acres, except that homesteaded lots may be developed at one unit per two acres. Residential cluster development is encouraged through the use of the Conservation Subdivision option. (See Section 7.9, Conservation subdivision.)

Map 1. Current Official Zoning Atlas with Subject Property



ZONING DESIGNATION COMPARISON

	Existing District	Proposed District
Zoning District:	Agricultural- Rural Business("A-RB") (Alachua County)	Agricultural ("A")
Max. Gross Density:	1 Dwelling Unit	1 Dwelling Unit
Floor Area Ratio:	NA	NA
Typical Uses*:	Agriculture, animal husbandry, agricultural support and services, animal sales and care; single family residential uses; fuel sales; outdoor storage	Agriculture, animal husbandry, agricultural support and services, animal sales and care; single family residential units
<small>* The typical uses identified above may be subject to use-specific standards which may not be met by the subject property and may not reflect the actual requirements to which potential development may be subject. For a comprehensive list of uses, reference Table 4.1-1 of the LDRs, also attached as Exhibit A to this Report.</small>		

SURROUNDING USES

The existing uses, Future Land Use Map ("FLUM") Designations, and zone districts of the surrounding area are identified in Table 1. Map 3 provides an overview of the vicinity of the subject property.

NOTE: The information below is intended to provide a general overview of the area surrounding the subject property and to generally orient the reader. It is not intended to be all-inclusive, and may not identify all existing uses, FLUM Designations, and/or zoning districts surrounding the subject property.

Table 1. Surrounding Land Uses

Direction	Existing Use(s)	FLUM Designation(s)	Zoning District(s)
North	Agriculture	Community Commercial	A (County)
East	Single Family Residential	Rural/Agricultural (County)	A (County)
West	Agriculture	Community Commercial	A (County)
South	Commercial	Commercial	CI

Map 3. Proposed Amendment to the Official Zoning Atlas

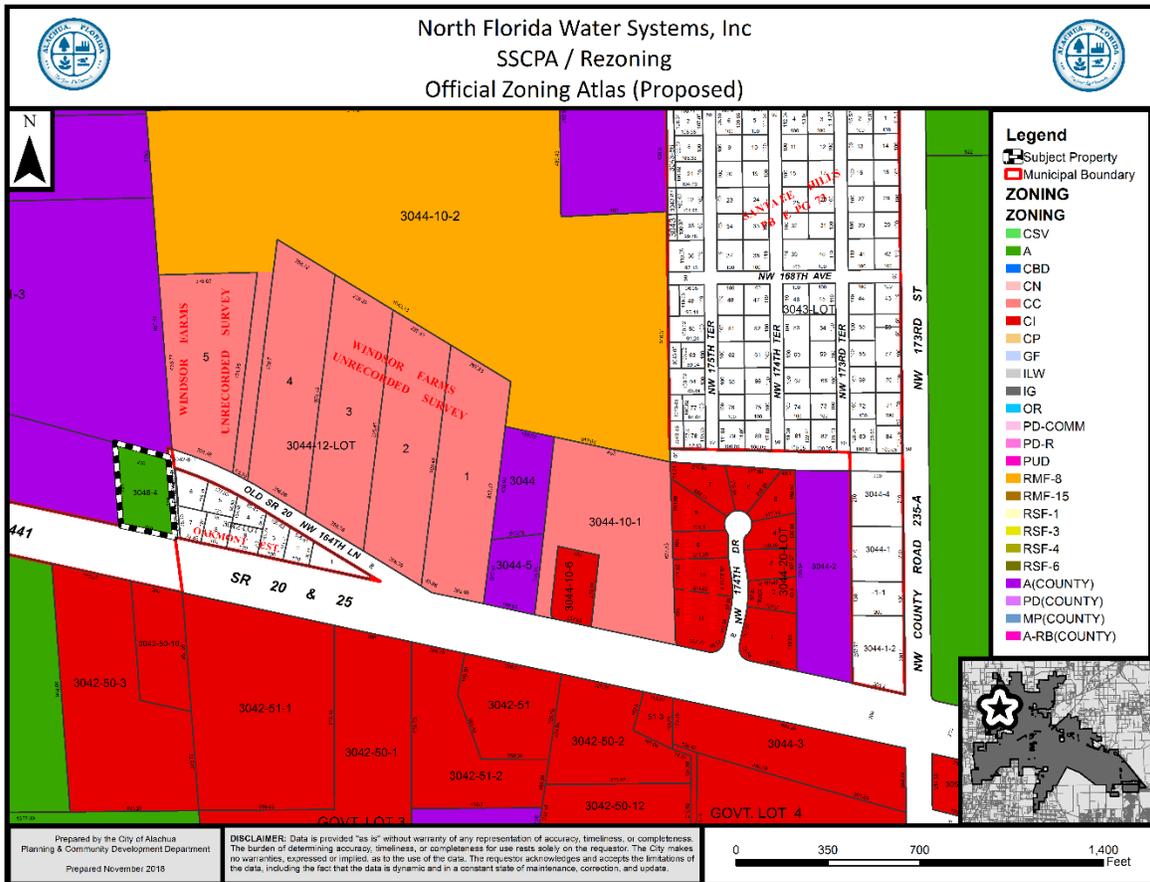


Table 2. Parcels Subject to this Application

Parcel No.	Existing Use(s)	Existing FLUM Designation	Proposed FLUM Designation	Acreage
03046-004-000	Vacant	Rural/ Agriculture (County)	Agriculture	±1.30

NEIGHBORHOOD MEETING

A Neighborhood Meeting was held on November 27, 2018 at the City of Alachua City Hall to educate the owners of nearby land and any other interested members of the public about the project. As required by Section 2.2.4 of the LDRs, all property owners within 400 feet of the subject property were notified of the meeting and notice of the meeting was published in the Alachua County Today. A copy of the brief presentation (a copy of which has been submitted with the application). According to the minutes, there were 7 individuals from the public that attended the meeting. A summary of questions which were asked at the meeting has been provided by the applicant.

CONSISTENCY WITH THE COMPREHENSIVE PLAN

The applicant proposes to amend the zoning designation from Agricultural- Rural Business ("A-RB")(Alachua County) to Agricultural ("A"). Table 3 shows the existing and proposed FLUM designations and the proposed corresponding zoning designations. The proposed Zoning designation is consistent with the existing and proposed Future Land Use Map designations for the subject property.

Table 3. Proposed Zoning Designation

Parcel No.	Existing FLUM	Proposed FLUM	Proposed Zoning Designation	Consistent
03046-004-000	Rural/ Agriculture (County)	Agriculture	Agricultural ("A")	<input checked="" type="checkbox"/>

Based upon the Comprehensive Plan Consistency Analysis and information presented below, staff finds the application consistent with the Comprehensive Plan and the Goals, Objectives, and Policies (GOPs) therein.

Future Land Use Element

Objective 1.1 of the City of Alachua Comprehensive Plan Future Land Use Element (FLUE) establishes the Agriculture FLUM Designation, and states the following:

The City of Alachua shall establish an Agriculture land use category in order to maintain agriculture operations within the city limits as well as preserve the rural character and small- town charm of Alachua.

Policy 1.1.a: Residential uses: Residential uses within the Agriculture land use category shall be developed at a maximum density of 1 dwelling unit per 5 acres. The following residential uses are allowed within the Agriculture land use category:

1. Single family, conventional dwelling units
2. Manufactured, modular, and mobile homes, not to include mobile home parks.
3. Accessory dwelling units
4. Group Living, as provided by special exception

Policy 1.1.b: Supporting community services, such as schools, houses of worship, parks and community centers.

Policy 1.1.c: Agri-business uses: Agri-business uses shall be permitted and encouraged within the Agriculture land use category in order to promote, strengthen, and diversify agricultural operations. These uses shall be limited to a floor area ratio of .50. The following agri-business uses are allowed within the Agriculture land use category:

1. Equestrian centers and boarding facilities;
2. Agriculture;
3. Animal husbandry; animal care; animal sales and services;
4. Horticulture;
5. Event facilities;
6. Nurseries;
7. Farmers markets;
8. Agricultural biotechnological start-ups or incubators;
9. Farm produce stands;
10. Agriculture support services;
11. Agri-tourism related activities;
12. Small-scale visitor and business accommodation uses, such as bed and breakfasts, country inns, spa and retreat facilities, and conference facilities;
13. Home Occupations consisting of home offices or home-based businesses related to agricultural pursuits.

Policy 1.1.d: Rural conservation subdivision option: To maintain the rural character, open space, and natural features and preserve the viability of agricultural operations within the agriculture areas, conservation subdivisions shall be allowed as a subdivision option within the Agriculture land use category. Standards for the conservation subdivision are found in Objective 2.3.

Analysis of Consistency with Objective 1.1: The proposed amendment would not result in an increase the maximum permitted density of the subject property.

Objective 5.1: Natural features: The City shall coordinate Future Land Use designations with appropriate topography, soils, areas of seasonal

flooding, wetlands and habitat during review of proposed amendments to the Future Land Use Map and the development review process. Natural features may be included as amenities within a development project.

- Policy 5.1.a: Topography: The City shall protect the natural topography of the City, including steep and seepage slopes, by requiring new development to include techniques to minimize negative impacts on the natural terrain. An emphasis will be placed on retaining the natural function of seepage slopes during development. Additionally, retention of existing native vegetation will be encouraged as one method of protecting slopes.
- Policy 5.1.b: Soils: The City shall ensure soil protection and intervention measures are included in the development review process.
- Policy 5.1.c: Flood prone areas: The City shall require as part of the development review process the identification of FEMA flood zone areas. Where necessary, base flood elevations and minimum finished floor elevations shall be established. The City shall also require finished floor elevations on subdivision plats, site plans and building permit plans when necessary to determine compliance with flood prone area regulations. The City shall establish standards for a limitation on filling in flood prone areas.
- Policy 5.1.d: Wetlands: The City shall utilize statewide wetland delineation methodology in accordance with Florida Administrative Code (FAC) and regulations adopted by the FDEP and the Suwannee River Water Management District.
- Policy 5.1.e: Habitat: The City shall require as part of the development review process, an inventory of listed species for all new developments in areas identified as known habitat for listed species if listed species are known to exist in close proximity to the development. The survey shall include detailed information regarding type, quantity, location, and habitat requirements for any listed species identified. A de minimus threshold for properties required to complete the inventory shall be established in the City's Land Development Regulations.

Analysis of Consistency with Objective 5.1 and Policies 5.1.a – e: A separate analysis of the environmental conditions can be found below in this report.

Objective 5.2: Availability of facilities and services: All new development shall be planned and constructed concurrently with the availability of facilities and services necessary for the development.

Analysis of Consistency with Objective 5.2: Prior to the issuance of any preliminary or final development order, any development must demonstrate that all necessary facilities or services are in place. Prior to any preliminary or final development order,

the applicant must demonstrate how this potential deficiency will be addressed.

GOAL 9: Water and Wastewater Service:

The City will ensure that new development within the corporate limits, where potable water and wastewater service are available, as defined in Policy 1.2.a and Policy 4.2.a of the Community Facilities and Natural Groundwater Aquifer Recharge Element of the Comprehensive Plan, shall connect to the City of Alachua's potable water and wastewater system.

Policy 9.2: Any new residential subdivision within the corporate limits, where potable water service is available, as defined in Policy 4.2.a of the Community Facilities and Natural Groundwater Aquifer Recharge Element of the City of Alachua Comprehensive Plan, regardless of size, that is within either a Residential or Agriculture Future Land Use Map Designation shall connect to the City of Alachua's potable water system. Any new residential subdivision within the corporate limits, where wastewater service is available, as defined in Policy 1.2.a of the Community Facilities and Natural Groundwater Aquifer Recharge Element of the City of Alachua Comprehensive Plan, regardless of size, that is within a Residential Future Land Use Map Designation shall connect to the City of Alachua's wastewater system.

Analysis of Consistency with Goal 9 and Policy 9.2: Potable water is not currently available to the property. At the time of development, if the property is determined to be within the City's water or wastewater service area, a connection to the City's systems will be required.

Recreation Element

Policy 1.2.b: The City shall adhere to a minimum level of service of five (5.0) acres of community, neighborhood or pocket park, per 1,000 persons, with a minimum of 20 percent of this in improved, passive parks.

Analysis of Consistency with Policy 1.2.b: An analysis of the impacts to recreation facilities has been provided within this report.

Transportation Element

Objective 1.1: Level of Service: The City shall establish a safe, convenient and efficient level of service standard for all motorized and non-motorized transportation systems.

Analysis of Consistency with Objective 1.1: An analysis of the impacts to transportation facilities has been provided within this report.

Community Facilities & Natural Groundwater Aquifer Recharge Element

Policy 1.2.a: The City shall establish a Community Wastewater Service Area, which includes all areas where wastewater service is available. Wastewater service shall be deemed available if:

1. A gravity wastewater system, wastewater pumping station, or force main exists within ¼ mile of the property line of any residential subdivision with more than 5 units, or any multi-family residential development, or any commercial development, or any industrial development and the gravity wastewater system, wastewater pumping station, or force main can be accessed through public utility easements or right of ways. The distance shall be measured as required for construction of the infrastructure along public utility easements and right of ways.

Analysis of Consistency with Policy 1.2.a: At the time of development, if the property is determined to be within the City's water or wastewater service area, a connection to the City's systems will be required.

Policy 2.1.a: The City hereby establishes the following level of service standards for solid waste disposal facilities:

<u>FACILITY TYPE</u>	<u>LEVEL OF SERVICE STANDARD</u>
Solid Waste Landfill	.73 tons per capita per year

Analysis of Consistency with Objective 2.1.a: An analysis of the impacts to solid waste facilities has been provided within this report. The proposed amendment would result in a net reduction in the permitted density of the subject property, thereby reducing impacts to solid waste facilities.

Policy 4.1.b: The City shall establish a Community Potable Water Service Area, which includes all areas where potable water service is available. Water service shall be deemed available if:

1. A water main exists within ¼ mile of any residential subdivision with more than 5 units, or any multi-family residential development, or any commercial development, or any industrial development and water service can be accessed through public utility easements or right of ways. The distance shall be measured as required for construction of the infrastructure along public utility easements and right of ways.

Analysis of Consistency with Policy 4.1.b: The subject property is currently served by the City's potable water system.

Conservation and Open Space Element

OBJECTIVE 1.3: Listed Species

The City shall protect species listed by State and Federal agencies as endangered, threatened or of special concern, and their habitats.

Policy 1.3.a: The City shall ensure that its ordinances, regulations and policies protect listed species and their habitats.

Policy 1.3.b: The City shall utilize the development review process, land acquisition programs, environmental regulatory partnerships, stewardship programs and public education to protect listed species and their habitat, and prevent extinction of or reduction in populations of listed species.

Policy 1.3.c: The City shall obtain data from the Florida Fish and Wildlife Conservation Commission, Alachua County Environmental Protection Department, Florida Department of Environmental Protection, to maintain a periodically updated inventory of listed species and habitats located within City limits or immediately adjacent to City limits. The City will use the Florida Natural Areas Inventory as a base inventory.

Policy 1.3.d: The City shall require prior to development approval, an inventory of listed species for all new developments in areas identified as known habitat for listed species. The inventory shall include detailed information regarding type, quantity, location and habitat requirements for any listed species identified. De minimus threshold for properties required to complete the inventory shall be established in the City's Land Development Regulations.

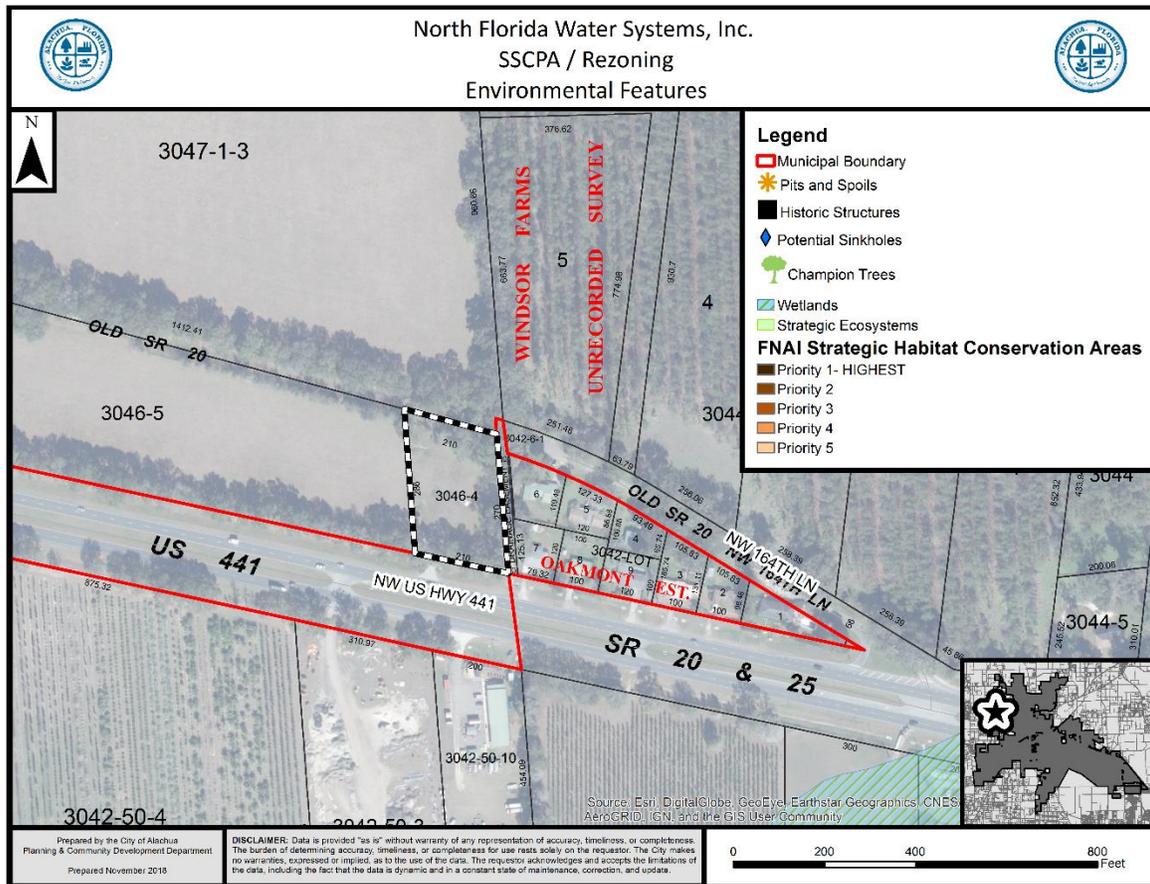
Policy 1.3.e: The City's land use designations shall provide for the protection of threatened and endangered species.

Analysis of Consistency with Objective 1.3 and Policies 1.3.a - e:

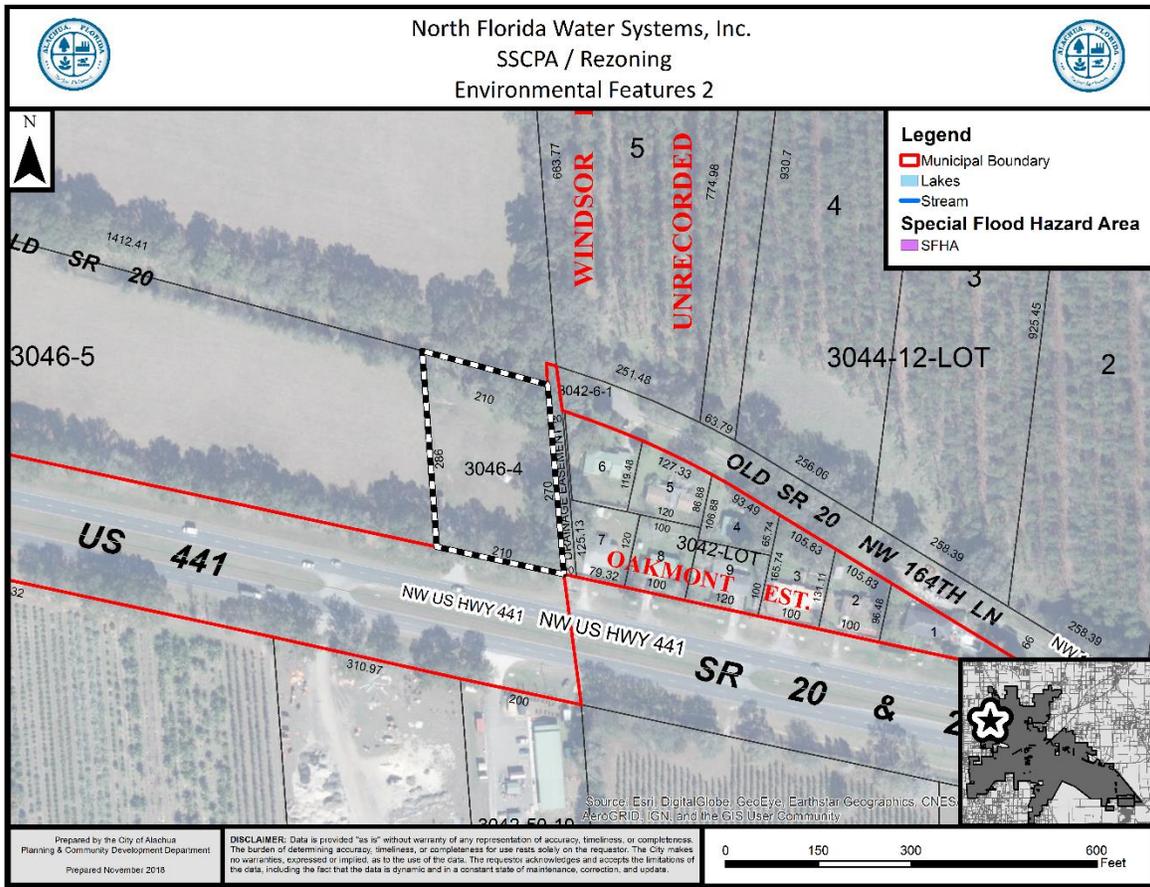
An environmental conditions and site suitability analysis has been provided separately in this report. Future development of the site must comply with the environmental protections established in the City of Alachua Comprehensive Plan and Land Development Regulations.

ENVIRONMENTAL CONDITIONS ANALYSIS

Map 4a. Environmental Features



Map 4b. Environmental Features



Wetlands

According to National Wetlands Inventory, potential wetlands do not appear to be located on the subject property. Any wetlands identified must be delineated and protected in accordance with the applicable protection standards.

Evaluation: Based on GIS analysis, potential wetlands do not appear to be located on the subject property. If wetlands are identified on subject property at a later time, the applicable standards in the City's Comprehensive Plan, Land Development Regulations, and Suwannee River Water Management District (SRWMD) regulations would apply to those areas identified as wetlands; therefore, there are no issues related to wetland protection.

Strategic Ecosystems

Strategic Ecosystems were identified by an ecological inventory project in a report prepared for Alachua County Department of Growth Management in 1996. The purpose of the inventory was to identify, inventory, map, describe, and evaluate the most significant natural biological communities in private ownership in Alachua County.

Evaluation: The subject property is not located within a Strategic Ecosystem, therefore, the development will have no impact upon any Strategic Ecosystem(s) identified within the ecological inventory report.

Regulated Plant & Animal Species

The subject property is not known to contain any species identified as endangered, threatened, or of special concern. The Florida Natural Areas Inventory (FNAI) has identified areas throughout the State of Florida which may contain good quality natural communities. This data layer is known as the Potential Natural Areas (PNA) data layer, and identifies privately owned lands that are not managed or listed for conservation purposes. These areas were delineated by FNAI scientific staff through interpretation of natural vegetation from 1988-1993 FDOT aerial photographs and from input received during Regional Ecological Workshops held for each regional planning council. These workshops were attended by experts familiar with natural areas in the region. Potential Natural Areas were assigned ranks of Priority 1 through Priority 5 based on size, perceived quality, and type of natural community present. The areas included in Priority 5 are exceptions to the above criteria. These areas were identified through the same process of aerial photographic interpretation and regional workshops as the PNA 1 through 4 ranked sites, but do not meet the standard criteria.

Evaluation: No species identified as endangered, threatened, or of special concern are known to exist on the subject property. The property does not contain any Priority lands identified in the PNA data layer. If a regulated plant or animal species is identified during development, the applicant must adhere to the applicable standards in the City of Alachua Comprehensive Plan and the Land Development Regulations.

Soil Survey

Each soil type found on the subject property is identified below. The hydrologic soil group is an indicator of potential soil limitations. The hydrologic soil group, as defined for each specific soil, refers to a group of soils which have been categorized according to their runoff-producing characteristics. These hydrologic groups are defined by the Soil Survey of Alachua County, Florida, dated August 1985. The chief consideration with respect to runoff potential is the capacity of each soil to permit infiltration (the slope and kind of plant cover are not considered, but are separate factors in predicting runoff). There are four hydrologic groups: A, B, C, and D. "Group A" soils have a higher infiltration rate when thoroughly wet and therefore have a lower runoff potential. "Group D" soils have very lower infiltration rates and therefore a higher runoff potential.

There are two (2) soil types found on the subject property:

Soil Type	Hydrologic Group	Drainage Class	Dwellings w/out basements	% of Subject Property (may not total to 100% due to rounding)
Arredondo fine sand, 0 to 5 percent slopes	A	Well drained	Not limited	76.10%
Arredondo-Urban land complex, 0 to 5 percent slopes	A	Well drained	Not limited	23.90%

Evaluation: The subject property is not limited for dwellings. Any future development would require that any soil limitations be addressed at the time of development. Therefore, there are no issues related to soil suitability.

Flood Potential

Panels 0120D of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Series, dated June 16, 2006, indicates that the subject property contains areas with Flood Zone "X" designations (areas determined to be outside of the 500-year floodplain) and no Special Flood Hazard Areas (SFHAs).

Evaluation: Any proposed development would be required to conform with applicable requirements found in the City of Alachua Land Development Regulations. Therefore, there are no issues related to flood potential.

Karst-Sensitive Features

Karst sensitive areas include geologic features, such as fissures, sinkholes, underground streams, and caverns, and are generally the result of irregular limestone formations. The subject property is located within an area where sinkholes may potentially allow hydrologic access to the Floridan Aquifer System, however, best available data indicates that there may be sinkholes or known indicators of sinkhole activity are located on the subject property.

Evaluation: No potential karst features or sinkholes are identified via GIS analysis. If any environmentally sensitive lands are found prior to the development of the site, applicable protection standards must be followed for any development within those environmentally sensitive lands.

Wellfield Protection Zone

Policy 7.2.1 of the Future Land Use Element of the Comprehensive Plan establishes a 500 foot radial buffer around city-owned potable water well.

Evaluation: The subject property is not currently located within a City of Alachua wellhead protection zone as identified on the City of Alachua Wellfield Primary Protection Zones Map of the Comprehensive Plan, therefore, there are no issues related to wellfield protection.

Historic Structures and Markers

While the Historic State File indicates the presence of a potential historic structure on site, it appears that this structure was demolished in December 2015. Therefore, the subject property does not contain any historic structures or markers as determined by the State of Florida and the Alachua County Historic Resources Inventory.

Evaluation: There are no issues related to historic markers or structures.

COMPLIANCE WITH LAND DEVELOPMENT REGULATIONS

Section 2.4.2(E) (1) of the Land Development Regulations (LDRs) establishes standards with which all rezoning applications must be found to be compliant. Staff's evaluation of the application's compliance with the applicable standards of Section 2.4.2(E)(1) is provided below.

- (a) ***Consistent with Comprehensive Plan*** – The proposed amendment is consistent with and furthers the goals, objectives, and policies of the Comprehensive Plan.

Evaluation and Findings: An analysis of the application's consistency with the Comprehensive Plan has been provided in this report. The proposed amendment would render the property's zoning designation consistent with the property's Future Land Use Designation.

- (b) ***Consistent with Ordinances*** – The proposed amendment is not in conflict with any portion of these LDRs or any of the City Code of Ordinances.

Evaluation and Findings: An analysis of the application's compliance with the Land Development Regulations has been provided in this report. The application does not conflict with the City's Code of Ordinances.

- (c) ***Logical Development Pattern*** – The proposed amendment would result in a logical and orderly development pattern.

Evaluation and Findings: The proposed amendment would permit agricultural and limited residential uses in a predominately agricultural/ rural area.

- (d) ***Pre-Mature Development*** – The proposed amendment will not create premature development in undeveloped or rural areas.

Evaluation and Findings: The proposed amendment would permit agricultural uses in areas located immediately adjacent to existing agricultural uses.

- (e) ***Incompatible with Adjacent Lands*** – The uses permitted by the proposed amendment are not incompatible with existing land uses of adjacent lands and/or the uses permitted by the zone district classifications of adjacent lands.

Evaluation and Findings: The subject property is located adjacent to existing uses that are similar in character. The applicant is proposing zoning designations that are consistent with the underlying Future Land Use Map ("FLUM") Designation.

- (f) ***Adverse Effect on Local Character*** – The proposed amendment will not adversely affect the character of the general area where it is proposed to be located by creating excessive traffic, density and/or intensities of use, building height and bulk, noise, lights, or other physical effects or nuisances.

Evaluation and Findings: The proposed amendment will not create excessive traffic, density or intensity of use, building height or bulk, noise, lighting, or other physical effects. Any future development will be required to obtain a development order through the site plan and/or subdivision approval process.

- (g) ***Not Deviate from Pattern of Development*** – The uses permitted by the proposed amendment will not deviate from the development pattern (both established and as proposed by the surrounding zone districts) of the area where the proposed amendment is located.

Evaluation and Findings: The proposed application would agricultural uses adjacent to existing agricultural uses.

- (h) ***Encourage Sprawl*** – The proposed amendment will not encourage urban sprawl, either by resulting in strip or ribbon commercial development, leap-frog development or low density single dimensional development.

Evaluation and Findings: Chapter 163.3164(51), Florida Statutes, defines "urban sprawl" as, "a development pattern characterized by low density, automobile-dependent development with either a single use or multiple uses that are not functionally related, requiring the extension of public facilities and services in an inefficient manner, and failing to provide a clear separation between urban and rural uses." It is staff's opinion that the proposed amendment does not constitute urban sprawl.

- (i) ***Spot Zoning*** – The proposed amendment will not result in the creation of an isolated zone district unrelated to adjacent and surrounding zone districts (spot zoning).

Evaluation and Findings: The proposed amendment to the Zoning Atlas will not result in creation of isolated zoning districts. The proposed application will place Agricultural ("A") lands adjacent to existing lands with similar zoning designations. Therefore, this amendment will not result in the creation of isolated zoning districts.

- (j) ***Public Facilities*** – The proposed amendment will not result in development in a location where there are no plans by the City or other governmental entities to provide public facilities to serve the development (roads, potable water, wastewater, parks, storm water management, and solid wastes), and there are no

assurances by the private sector that public facilities are planned and will be available to adequately accommodate development.

Evaluation and Findings: The subject property is not located within the City of Alachua’s utility service area and development will be required to connect to public utility infrastructure.

At the time of site plan review or subdivision plat review, concurrency will be re-evaluated. It should also be noted that the City of Alachua Comprehensive Plan places the burden of showing compliance with the adopted levels of service and meeting the concurrency requirements upon the applicant.

- (k) No Adverse Effect on the Environment** – The proposed amendment would not result in significantly adverse impacts on the natural environment, including but not limited to water, air, noise, storm water management, wildlife, vegetation, wetlands, and the natural functioning of the environment.

Evaluation and Findings: A comprehensive analysis of environmental features has been provided in this report.

PUBLIC FACILITIES IMPACT

The existing maximum development potential and proposed maximum development potential is provided within the following matrix:

	Existing Zoning Designation	Proposed Zoning Designation
Z oning Designation:	Agricultural- Rural Business (“A-RB”)(Alachua County)	Agricultural (“A”)
Max. Gross Density:	.2 dwelling units/acre	.2 dwelling units/acre
Floor Area Ratio:	N/A	N/A
Maximum Density/ Intensity	1 dwelling unit	1 dwelling unit

The analysis of each public facility provided below represents an analysis of the maximum development potential generated by the proposed FLUM Designation.

At present, the total impacts generated by the amendment are acceptable and are not anticipated to degrade the Level of Service (LOS) of any public facility. If development is proposed in the future, the applicant will be required to provide a comprehensive analysis of the impacts generated by such development upon public facilities. Facility capacity must be available to support the proposed development prior to the issuance of a final development order.

Per Section 2.4.14, amendments to the Future Land Use Map of the Comprehensive Plan are not preliminary development orders. Prior to any preliminary development order, the

applicant will need to demonstrate how any deficiencies will be addressed. No final development order can be issued if the development would result in a deficiency for any public facility monitored for concurrency.

Traffic Impact

Table 3. Affected Comprehensive Plan Roadway Segments¹

Segment Number ^{2, 3}	Segment Description	Lanes	Functional Classification	Area Type	LOS
5 (107/1407)	US Hwy 441 (from SR 235 to NCL)	4U	Principle Arterial	Urban Trans	D

1 Source: City of Alachua Comprehensive Plan, Traffic Circulation Element.
2 For developments generating 1,000 trips or greater, affected roadway segments are identified as all those wholly or partially located within ½ mile of the development's ingress/egress, or to the nearest intersecting major street, whichever is greater, and all roadway segments for which the proposed development's impacts are 5% or greater on the Maximum Service Volume (MSV) of the roadway [Section 2.4.14(H)(2)(b) of the LDRs].
3 FDOT roadway segment number shown in parenthesis. For the purposes of concurrency management, COA Comprehensive Plan segments that make up a portion of a larger FDOT roadway segment will be evaluated together when determining post development roadway capacity

Table 4. Potential Trip Generation¹

	Land Use	AADT (Enter/Exit)	AM Peak Hour (Enter/Exit)	PM Peak Hour (Enter/Exit)
Proposed FLUM Designation (Agriculture)	Single-Family Detached Housing ² (ITE Code 220 (9th ed.))	10 (5/5)	1 (0/1)	1 (1/0)

1 Source: ITE Trip Generation, 10th edition
2 Formulas: AADT – 9.52 trips per dwelling unit x 1 dwelling units (50% entering/50% exiting); AM Peak Hour – 0.44 trips per dwelling unit x 1 dwelling units (17% entering/83% exiting); PM Peak Hour – 0.52 trips per dwelling unit x 1 dwelling units (67% entering/33% exiting).

Table 5a. Projected Impact on Affected Comprehensive Plan Roadway Segments (AADT)

Traffic System Category	US Hwy 441 (from SR 235 to NCL) ¹
Average Annual Daily Trips	
Maximum Service Volume ²	39,000
Existing Traffic ³	25,926
Reserved Trips ⁴	2,367
Available Capacity ⁴	10,707
Increase/Decrease in Daily Trips Generated by Development	10
Residual Capacity After Development's Impacts⁵	10,697

1 FDOT roadway segment number shown in parenthesis (when applicable.) For the purposes of concurrency management, COA Comprehensive Plan segments that make up a portion of a larger FDOT roadway segment will be evaluated together when determining post development roadway capacity.
2 Source: FDOT 2018 Quality/Level of Service Handbook, Generalized Annual Average Daily Volumes and Generalized Peak Hour Two-Way Volumes for Areas Transitioning to Urbanized Areas or Areas of 5,000 Not in Urbanized Areas.
3 Florida State Highway System Level of Service Report 2016, Florida Department of Transportation, District Two (published August 2017).
4 Source: City of Alachua August 2018 Development Monitoring Report.
5 The application is not for a Final Development Order. Facility capacity and concurrency will not be reserved.

Table 5b. Projected Impact on Affected Comprehensive Plan Roadway Segments (PM)

Traffic System Category	US Hwy 441 (from SR 235 to NCL) ¹
Maximum Service Volume ²	3,510
Existing Traffic ³	2,463
Reserved Trips ⁴	244
Available Capacity ⁴	803
Increase/Decrease in PM Peak Hour Trips Generated by Development ⁵	1
Residual Capacity After Development's Impacts⁵	802
<p><small>1 FDOT roadway segment number shown in parenthesis (when applicable.) For the purposes of concurrency management, COA Comprehensive Plan segments that make up a portion of a larger FDOT roadway segment will be evaluated together when determining post development roadway capacity.</small></p> <p><small>2 Source: FDOT 2018 Quality/Level of Service Handbook, Generalized Annual Average Daily Volumes and Generalized Peak Hour Two-Way Volumes for Areas Transitioning to Urbanized Areas or Areas of 5,000 Not in Urbanized Areas.</small></p> <p><small>3 Florida State Highway System Level of Service Report 2016, Florida Department of Transportation, District Two (published August 2017).</small></p> <p><small>4 Source: City of Alachua August 2018 Development Monitoring Report.</small></p> <p><small>5 The application is not for a Final Development Order. Facility capacity and concurrency will be reserved.</small></p>	

Evaluation: This analysis is based on maximum development potential of the proposed Future Land Use Designation. There are no definitive development plans associated with this proposed amendment. Concurrency and impacts to the City's transportation network will be reevaluated when any application for a preliminary development order is made.

Potable Water Impacts

Table 6. Potable Water Impacts

System Category	Gallons Per Day
Current Permitted Capacity*	2,300,000
Less Actual Potable Water Flows*	1,236,000
Reserved Capacity*	37,817
Potential Potable Water Demand from Proposed Amendment **	275
Residual Capacity	1,025,908
Percentage of Permitted Design Capacity Utilized	55.40%
<p><small>Sources: * City of Alachua August 2018 Development Monitoring Report **City of Alachua Comprehensive Plan Potable Water Level of Service of 275 gallons/du/ day</small></p>	

Evaluation: This analysis is based on maximum development potential of the proposed Future Land Use Designation. Concurrency and impacts to the City's utility systems will be reevaluated at the preliminary plat review stage. It is anticipated that the proposed amendment will not adversely affect the Level of Service ("LOS") for potable water facilities, and the impacts are therefore acceptable.

Sanitary Sewer Impacts

Table 7. Sanitary Sewer Impacts

System Category	Gallons Per Day
Treatment Plant Current Permitted Capacity*	1,500,000
Less Actual Treatment Plant Flows*	687,000
Reserved Capacity*	33,789
Projected Potential Wastewater Demand from Proposed Amendment **	250
Residual Capacity	778,961
Percentage of Permitted Design Capacity Utilized	48.10%
Sources: * City of Alachua March 2018 Development Monitoring Report **City of Alachua Comprehensive Plan Potable Water Level of Service of 250 gallons/du/ day	

Evaluation: This analysis is based on maximum development potential of the proposed Future Land Use Designation. Concurrency and impacts to the City’s utility systems will be reevaluated at the preliminary plat review stage. It is anticipated that the proposed amendment will not adversely affect the Level of Service (“LOS”) for sanitary sewer facilities, and the impacts are therefore acceptable.

Recreational Impacts

Table 8a. Recreational Impacts

System Category	Acreage
Existing City of Alachua Recreation Acreage ¹	117.65
Acreage Required to Serve Existing Population ²	49.68
Reserved Capacity ¹	0.62
Potential Demand Generated by Development ³	.01
Residual Recreational Capacity After Impacts	67.34
Sources: 1 City of Alachua August 2018 Development Monitoring Report. 2 University of Florida, Bureau of Economic & Business Research, Estimates of Population by County and City in Florida, April 1, 2016; Policy 1.2.b, Recreation Element (Formula: 9,892 persons / [5 acres/1,000 persons]) 3 US Census Bureau; Policy 1.2.b, Recreation Element (Formula: 2.37 persons per dwelling x 1 dwellings / [5 acres/1,000 persons])	

Table 8b. Improved Passive Park Space Analysis

Minimum Improved Passive Park Space Required to Serve Existing Population & Reserved Capacity ¹	10.06 acres
Acreage Required to Serve Demand Generated by Development ²	0.00 acres
Total Area Required to Serve Existing Population, Reserved Capacity, & Demand Generated by Development	10.06 acres
Existing Improved Passive Park Space ¹	34.82 acres
Improved, Passive Park Space Utilized by Existing Population, Reserved Capacity, & Demand Generated by Development³	28.90 %
1 Source: City of Alachua August 2018 Development Monitoring Report. 2 Formula: Recreation Demand Generated by Development (.83 acres) x 20%. 3 Formula: Total Improved Passive Park Space / (Acreage Required to Serve Existing Population + Reserved Capacity + Acreage Required to Serve Demand Generated by Development.)	

Evaluation: The proposed amendment would not increase the maximum potential demand from the development of the subject property. The analysis above is based on the maximum development potential of the property at the proposed Future Land Use Designation. Concurrency and impacts to the City’s recreation system will be reevaluated at the preliminary plat review stage. It is anticipated that the proposed amendment will not adversely affect the Level of Service (“LOS”) of recreational facilities; therefore, the impacts are acceptable.

Solid Waste Impacts

Table 9. Solid Waste Impacts

System Category	Lbs Per Day	Tons Per Year
Existing Demand ¹	39,744.00	7,253.28
Reserved Capacity ²	2,908.79	530.85
Projected Solid Waste Demand from Application ³	9.48	1.730
New River Solid Waste Facility Capacity⁴	50 years	
<i>Sources:</i> 1 University of Florida, Bureau of Economic & Business Research, <i>Estimates of Population by County and City in Florida, April 1, 2016; Policy 2.1.a, CFNGAR Element (Formula: 9,892 persons x 0.73 tons per year)</i> 2 City of Alachua August 2018 Development Monitoring Report 3 Policy 2.1.a, CFNGAR Element (Formula: 2.37 persons per dwelling x 1 dwellings x 0.73 tons per year) 4 New River Solid Waste Facility, April 2018		

Evaluation: The proposed amendment would not increase the maximum potential demand from the development of the subject property. Concurrency and impacts to the solid waste system will be reevaluated at the preliminary plat review stage. It is anticipated that the proposed amendment will not adversely affect the Level of Service (“LOS”) of solid waste facilities; therefore, the impacts are acceptable.

Public School Impact

As this application is in association with a recent annexation(s), and not related to any specific development plan, the application has not been issued a School Capacity Review determination by the School Board of Alachua County (SBAC). The application has been forwarded to the SBAC for their records. Upon submittal of any final subdivision plat or site plan, the development will be subject to a concurrency review and determination of the availability of school capacity at the time of such review.

Exhibit A- Table 4.1-1 Table of Allowed Uses

Table 4.1-1. Table of Allowed Uses																								
P = Permitted use S = Special exception permit A = Allowed in the PD districts Blank cell = Prohibited																								
Use Category/Use Type	CSV	Residential									Business							Planned Development				Use Specific Standards (Sec. 4.3)		
		Single-Family (RSF)			Mobile Home (RMH)			Multiple Family (RMF)			OR	CN	CC	CBD	CI	CP	ILW	IG	GF	COMM	R		TND	EC
		1	3	4	6	5	P	8	15															
RESIDENTIAL USES																								
Household living																								
Dwelling, live/work		P							P	P	P	P	P	P	P	P				A	A	A	A	
Dwelling, manufactured home		P	P	P	P	P	P	P	P	P											A	A	A	4.3.1(A)(1), (2)
Dwelling, mobile home		P				P	P																	4.3.1(A)(1)
Dwelling, multiple-family					S			P	P	P		P	P	P	P					A	A	A	A	4.3.1(A)(3)
Dwelling, single-family attached					P			P	P	P			P	P	P					A	A	A		4.3.1(A)(3)

Cultural facility									S	S	P	P	P	P		P			P	A	A	A	A	4.3.2(A)		
Library						S			P	P	P	P	P	P					P	A	A	A	A	4.3.2(A)		
Senior center						S	P	P	P	P		P	P	P					P			A	A	4.3.2(A)		
Youth club facility						S	P	P	P	P		P	P	P					P			A	A	4.3.2(A)		
Day care																										
Adult care center			S	S	S	S	S	S	S	S	S	S	S	S								A	A	A	A	
Child care center			S		S	S	S	S	P	P	P	P	P	P		P						A	A	A	A	4.3.2(B)(1)
Day care home (up to and including 6 persons)			S	S	S	S	S	S	S	S	P	P	P	P									A			
Overnight child care center			S				S	S	S	P	P	P	P	P											A	4.3.2(B)(1)
Educational facilities																										
College or university								S		P	P	S		P	P	P	P	P	P	P	A	A	A	A		
School			P	S	S	S	P	P	P	P	P			P	P					P	A	A	A		4.3.2(C)(1)	
Vocational school							S	S	S	P	P	S	P	P	P	P	P	P	P	P	A	A	A	A	4.3.2(C)(1)	
Government facilities																										
Government maintenance, storage, and distribution facility															S	S	P		P	P	P	A			A	4.3.2(D)

Government office										P		P	P	P	P			P	A		A	A	4.3.2(D)
Post office					S	S	S	S	S	P	P	P	P	P	P	P		P	A	A	A	A	4.3.2(D)
Health care facilities																							
Blood collection facility														P	P	P	P		A			A	
Birth center										P	S	P	P	P	P				A		A	A	
Hospital		S						S	S			P	P			P	P	A		A	A	4.3.2(E)(1)	
Medical and dental clinic										P	S	P	P	P	P				A		A	A	
Medical and dental lab												P		P	P	P	P		A			A	
Medical marijuana dispensing																							
Outpatient facility								S	S		S	P	P	P					A		A	A	4.3.2(E)(2)
Institutions																							
Assisted living facility		S			S	S			P	P	S								A	A	A	A	
Auditorium											S	P	P	S	P	P		P	A			A	4.3.2(F)(1)
Convention center											S	P	P	S	P	S		P	A			A	4.3.2(F)(1)
Drug and alcohol treatment facility												P											
Nursing home		S						S	S	P		P	P						A		A		

Animal hospital	P										P		S						A				4.3.3(C)(1)
Animal shelter	S										S								A				4.3.3(C)(2)
Animal grooming	P										P	P	P					P	A				
Kennel, indoor	P					S	S		S	P		S	P	P					A		A		4.3.3(C)(3)
Kennel, outdoor	P										P		P		P	P			A				4.3.3(C)(4)
Veterinary clinic	P										P	P	P	P					A		A		4.3.3(C)(5)
BUSINESS																							
Eating establishments																							
Ice cream shop								S	S	S	P	P	P	P	P				A	A	A		
Restaurant, indoor seating only								S	S	S	P	P	P	P	P	P			A	A	A	A	
Restaurant, with outdoor seating								S	S	S	P	P	P	S	P	S			A	A	A	A	4.3.4(A)(1)
Restaurant, with drive-through or drive-in service												P		P	S	S			A			A	4.3.4(A)(2)
Specialty eating establishment								S	S	S	P	P	P	P	P				A	A	A	A	
Conference and training centers																							
Conference center	S							S	S			P	P	P	P	P		S	A		A	A	4.3.4(B)(1)

**EXHIBIT “B”
TO
APPLICATION FOR A
SITE SPECIFIC AMENDMENT TO THE CITY’S OFFICIAL ZONING ATLAS
ON BEHALF OF
NORTH FLORIDA WATER SYSTEMS, INC**

**SUPPORTING APPLICATION MATERIALS
SUBMITTED BY CITY STAFF TO THE PLANNING
AND ZONING BOARD**