

PLEASE TAKE NOTICE that the Mebane Planning Board's Regular Meeting is scheduled for Monday, August 9, 2021 at 6:30 p.m. in the Council Chambers of the Glendel Stephenson Municipal Building located at 106 E. Washington Street, Mebane, NC 27302.

For people who plan to view the meeting, but not participate, the City provides a YouTube live stream by searching *City of Mebane* on YouTube or at the following link:

https://www.youtube.com/channel/UCoL1RXdRDMzK98p53TMoqww

Access to the meeting is also available by the following three (3) options:

Option #1- Attend in Person

Masks may be worn per individual preference, but they are not required for attendance.

For people that do not plan to attend in person but would like to address the Planning Board during the presentation and discussion of an agenda item, see options below.

Option #2- Email Comments to be read aloud by Planning Staff

- Email comment to <u>avogel@cityofmebane.com</u>. Written comments <u>must</u> be received by 4pm
 August 9th.
- Messages must contain commenter's name and address.
- Written comments will be read aloud by the Planning Staff.

Option #3- Conference Telephone

- Email <u>avogel@cityofmebane.com</u> by **2:00pm on Monday, August 9th** to comment during the meeting.
- Emails <u>must</u> contain commenter's name, address, and telephone number that you are using to call into the conference line for identification, in addition to the agenda item you would like to comment on.
- Upon the City's receipt of email, participants will be emailed a confirmation which will include the phone number and access code to use the night of the meeting.
- Callers will be held in queue and asked to mute their phones or speakers until they are called on to speak.
- Speakers will be called in the order in which their email was received.
- Per authority of NCGS 143-318.17, if a person participating remotely willfully disrupts the meeting, then upon direction by the Chair, such person may be removed from electronic participation, or his or her e-mail may not be read.

Planning Board



Regular Meeting Agenda August 9, 2021, 6:30 p.m.

- 1. Call to Order
- 2. Swearing-in of reappointed members Kurt Pearson and Larry Teague
- 3. Election of Officers
- 4. Approval of July 19, 2021, Meeting Minutes
- 5. City Council Actions Update
- 6. Proposed amendment to the Flood Hazard Overlay District (FHO) in accordance with the Federal Emergency Management Agency Letter of Map Revision (LOMR) Case Number 21-04-0010P that revises the extent of the floodplain along the northern bank of the Lake Michael Tributary (FIRM #370390, Panel #9825, Suffix #L), effective July 15, 2021.
- 7. Request to establish R-8(CD) zoning on three (3) properties totaling +/- 25.58 acres located at 900, 1002 & 1010 Ben Wilson Road (PINs 9824434841, 9824435349 & 9824435147) outside of the Extra-Territorial Jurisdiction (ETJ) in Orange County for a residential cluster development of 147 townhomes by Ben Wilson Rd, LLC.
- 8. Request to rezone the +/- 0.343-acre property addressed 702 Vance Street (PIN 9815730196), from B-3 to R-12 to allow for a single-family detached home by VGG Holdings LLC, c/o Peter Gitto
- 9. New Business
- 10. Adjournment





Planning Board Minutes to the Meeting

July 19, 2021 6:30 p.m.

The Planning Board meeting was held at the Glendel Stephenson Municipal Building located at 106 E. Washington Street, Mebane, NC 27302 and livestreamed via YouTube. The video can be accessed through the following link: https://www.youtube.com/watch?v=73t0saVgl3c

<u>Members Present:</u> Chairman Edward Tulauskas, Vice Chair Judy Taylor, Lori Oakley, Gale Pettiford, Keith Hoover, Kevin Brouwer

<u>Also Present:</u> Audrey Vogel, Planner; Ashley Ownbey, Planner; Cy Stober, Development Director; Kirk Montgomery, IT Director

1. Call to Order

At 6:30 p.m. Chairman Edward Tulauskas called the meeting to order.

2. Approval of June 14, 2021 Minutes

Judy Taylor made a motion to approve the minutes from the June 14, 2021 meeting. Lori Oakley seconded the motion, which passed unanimously.

3. City Council Actions Update

Cy Stober, Development Director, provided an update on the City Council's recent action at the July City Council meeting, noting the unanimous appointment of Kurt Pearson, Judy Taylor, and Edward Tulauskas to serve on the Planning Board and unanimous recommendation to the Alamance County Commissioners to appoint Larry Teague to be one of two representatives for the Alamance County ETJ.

4. Lori Oakley made a motion to add the swearing-in of Judy Taylor and Edward Tulauskas to the agenda which passed unanimously.

Stephanie Shaw, City Clerk, swore in Judy Taylor and Edward Tulauskas to take their oaths for their new terms as members of the Planning Board.

5. Request to rezone the +/- 0.97-acre property addressed 115 Hoover Road (PIN 9825817912), from R-20 to B-2 (CD) to allow for a new use in the existing structures by Steve Rose. (Item #4)

Staff presented the above application from Steve Rose. The property has a history as a permitted nonconforming use featuring a cabinetry business. The applicant is requesting acceptance of existing



conditions, with any future improvements to the property complying with the Mebane Unified Development Ordinance (UDO) not requiring further public hearing and legislative approval by the City Council. The applicant has also proposed a series of use restriction. Planning staff has reviewed the request for harmony with the zoning of the surrounding area and consistency with the City's adopted plans and recommends approval.

Ashley Ownbey provided a brief overview and PowerPoint of the request.

The applicant, Steve Rose, spoke about his power equipment repair business and how he plans to use the 115 Hoover Road property. He explained that it would be used primarily as a place to work on and repair power equipment, with the potential to sell equipment in the future. Mr. Rose addressed concerns about the appearance of the building, explaining that they are a professional business and will have a professional appearance. He added that the property would not look like one if those properties on 70 with broken down equipment in the front yard, and that it would be kept neat just as his own yard at home.

Judy Taylor asked Mr. Rose if he was planning on adding any landscape buffers. Mr. Rose responded that he did not intend to add buffers. Lori Oakley asked if the UDO required a buffer along the northern side where it abuts a residential in the Orange County Jurisdiction. Cy Stober responded that the interpretation of the buffer requirement is that it applies to any residential property. Lori Oakley asked Steve Rose if he would consider providing a buffer of evergreen shrubs along the adjacent residential property. Steve Rose responded that he would be happy to do so, adding that he intends to improve the site and appearance.

Lori Oakley asked approximately how many spaces the existing gravel parking lot could accommodate and how many would be required by the UDO. Steve Rose responded that there were 8 existing spaces, and Ashley Ownbey added that 10-15 are required by the UDO. Ms. Oakley asked if it would be possible to accommodate two additional gravel spaces without exceeding impervious surface limitations? Cy Stober responded that it would be possible to add additional impervious.

Lori Oakley asked if the existing cabinet business would be vacated. Mr. Rose responded that Mr. Mebane is winding down his business and will be selling the entire property to him. Mr. Rose confirmed that his business would be the only use of the site.

Lori Oakley asked about the proposed condition to allow for changes onsite without returning to public hearing. Cy Stober clarified that it is referring to upfits that comply with the UDO that could and would be approved at the staff level. Mr. Stober added that a strict reading of Article 9 of the UDO would require further public hearing for compliant improvements of the property, so he



counseled Mr. Rose to include an allowance for improvements that comply with all of the development standards in the UDO.

Judy Taylor asked if the fuel storage tank would be underground. Steve Rose provided some clarification about the fuel storage tank and the purpose of the fuel oil in his business. He noted that it is typical to be stored outside and is likely required by fire code.

Judy Taylor asked if any addition lighting will be installed that could be a problem for the neighbors. Mr. Rose responded that he does not have any immediate plans for any. He noted that the site currently has minimal lighting, so in the future they may want to add some motion lighting for security. Mr. Rose added that he lives on Hoover Road, so as a neighbor he has an interest in the impacts of the lighting as well.

At this time Chairman Tulauskas asked if anyone from the public had questions or comments.

Gary Owen, 207 Hoover Road, asked how much outside storage could be expected for the property, expressing concerns about clutter. Steve Rose responded that he would not tolerate any unsightly outdoor storage. He added that he currently operates his business with 1200 sf and this new location would provide 4000 sf of indoor space, which is more than enough for his business. Mr. Owen asked if the business was a single person operation or if there were any additional employees, expressing concerns about parking. Mr. Rose responded that there would be employees. Mr. Owen commented that he wants to keep his neighborhood nice the way it currently is and has fears of the area looking like the unsightly properties that you see along US 70.

Cy Stober clarified that outdoor storage is a classified use in the table of permitted uses (Article 4 of the UDO) that would be restricted for this property, per the conditional rezoning request. He added that any outdoor storage outside of normal business hours would be a code violation. Mr. Stober also added that the unsightly properties on 70 referenced during the meeting, to his knowledge, are located outside of the Mebane Planning Jurisdiction.

Grace Moon, 500 Hoover Road, spoke in favor Mr. Rose's request. She commented that they are neighbors, and he always keeps is yard in order.

Lori Oakley made a motion to approve the request to rezone the property from R-20 to B-2 CD, with the following conditions to be added to the request:

- 1. Require a 5' buffer of evergreen trees and/or shrubs along adjacent residential property lines
- 2. Allow gravel parking to remail on site and to provide 10 gravel parking spaces
- 3. Allow improvements to the property per the Mebane UDO to be approved at the staff level



Gale Pettiford seconded the motion, which passed unanimously. Chairman Tulauskas confirmed that the request will go before the Mebane City Council at the August 2nd public hearing.

 Request to rezone the +/- 8.192-acre property located on South Eleventh Street (PIN 9825410961), from R-8 to R-8 (CD) to allow for three apartment buildings totaling 48 units by Espitia Properties, LLC.

Staff presented the above application from Espitia Properties, LLC. The Planning staff has reviewed the request for harmony with the zoning of the surrounding area and consistency with the City's adopted plans and recommends approval. The Technical Review Committee (TRC) has reviewed the site plan and the applicant has revised the plan to reflect the comments.

The proposed onsite amenities & dedications include the following:

- A 5' sidewalk inside the public right-of-way of S Eleventh Street, as required by the Mebane UDO and Bicycle and Pedestrian Transportation Plan.
- The construction of an internal sidewalk network connected to a 5'-wide, decomposed granite trail.
- A private recreation area consisting of a shelter, play field, playground, volleyball court, bocce ball, and dog park.

Ashley Ownbey provided a brief overview and PowerPoint of the request.

Tim Smith, Senior Project Manager at Summit Design and Engineering Services, 320 Executive Court, Hillsborough, NC 27278 provided a presentation of the request and site plan. During his presentation, Mr. Smith described a series of building commitments and proposed elevations for the apartment buildings, in addition to typical photos of the proposed recreation amenities.

Lori Oakley commented that she liked all of the proposed recreation amenities and asked if any consideration had been given to increasing the size of the volleyball court and dog park, per Aaron Davis Recreation & Parks Director's memo (included in the packet). Tim Smith responded that they have revised the amenities per Mr. Davis' comments, and there is room on site to increase the size of the amenities if necessary.

Lori Oakley asked if the trash removal would be privately contracted for the dumpsters shown on the plans, and if recycling would be provided as well. Tim Smith confirmed that both would be provided.

Lori Oakley commented that she was pleased with the parking provided and overall layout of the site.

Judy Taylor commented that she was happy to see so much of the existing tree canopy preserved in the rear of the site and asked if any would be preserved along the front or side of the property as part



of the buffers shown. Tim Smith responded some of the existing trees along the north and south property lines will be preserved, but they will not be able to preserve and along the front for grading purposes.

Chairman Tulauskas asked if anyone from the public had questions or comments.

Tom Boney, Alamance News, asked for clarification about the number of two-bedroom and one-bedroom units per building. Tim Smith confirmed that there will be eight of each type per building.

Mr. Boney asked why the City had an opinion on the proposed recreation amenities if they are private? Cy Stober responded that the intent of the UDO requirement to provide private recreation space is so that tenants have facilities available to them rather than relying on public facilities. The Ordinance requires the Recreation & Parks Director to evaluate the sufficiency of these facilities. Judy Taylor added that it is also important for safety.

Varetta Browning, 204 S Eleventh Street, asked about the entrance to the site. Ms. Browning commented that S Eleventh Street is a nice place to live and that she wants it to stay that way. She added that she thought the project was a good idea and that people want to live in Mebane.

Terry Dillard, 202 S Eleventh Street, spoke against the project, noting that Mebane has too many apartments and renters do not contribute significantly to the tax base.

Lori Oakley asked for clarification that apartments are permitted by right in the R-8 zoning district, but that the UDO requires conditional zoning for properties larger than 2-acres.

Gale Pettiford asked if the Fire Department had any concerns about the single entrance to the property. Cy Stober responded that Chief Louis and Fire Marshall Jamie Joseph are on the Mebane Technical Review Committee (TRC). The have reviewed and are satisfied with the plans.

Judy Taylor asked if there will be onsite management. The applicant, Ezequiel Espitia, that is has not been determined at this time. Judy Taylor noted that it is something to consider, as it may help address the neighbor's concerns.

Lori Oakley commented that she knows there are concerns about multifamily housing being approved in Mebane and added that there are variety of housing types available to Mebane residents of all life stages. Ms. Oakley clarified that the role of the Planning Board comes down to evaluating if the project meets the Mebane UDO and comprehensive plan.



Judy Taylor made a motion to approve the R-8 CD rezoning as presented. Kevin Brouwer seconded the motion. The motion passed (5-1). Gale Pettiford did not vote in favor due to concerns about the fire and safety. Chairman Tulauskas confirmed that the request will go before the Mebane City Council at the August 2nd public hearing.

7. Request to rezone the +/- 13.96-acre property located on South Eleventh Street (PIN 9825416325), from R-8 to R-8 (CD) to allow for a residential townhome development of 51 homes by Meritage Homes.

Staff presented the above application from Meritage. The Planning staff has reviewed the request for harmony with the zoning of the surrounding area and consistency with the City's adopted plans and recommends approval. The Technical Review Committee (TRC) has reviewed the site plan and the applicant has revised the plan to reflect the comments.

The proposed onsite amenities & dedications include the following:

- The construction of all internal roads with 5' sidewalks.
- The construction of a dog park and picnic shelter to serve development residents to be maintained by the HOA and 7.84 acres of passive HOA owned open space

Requested waivers:

- 20' front setback, UDO requires 30'
- Lot area and width as presented

Audrey Vogel provided a brief overview and PowerPoint of the request.

Tim Smith, Senior Project Manager at Summit Design and Engineering Services, 320 Executive Court, Hillsborough, NC 27278 provided a presentation of the request and site plan. During his presentation, Mr. Smith described a series of building commitments and proposed elevations for the home products. In addition, Mr. Smith provided a drawing that showed how the Oak Grove Trails project would tie into the recently approved Oakwood subdivision.

Kevin Brouwer raised concerns about the proposal to share amenities with the Oakwood subdivision, particularly with respect to the walking distance to the pool and clubhouse from the further out sections of the subdivisions and the amount of available parking at the club house. He noted that when Oakwood was approved, he was not under the impression that the parking lot would serve more townhomes. Tim Smith responded that the walking distance from Oak Grove trails would not be more than 10 minutes, and the project team feels that the provide parking at the Clubhouse would be adequate – more than 60 spaces.

Tim Smith introduced Melanie Graff, the Vice President of Land Development for Meritage Homes.



Lori Oakley commented that she was happy with the layout of the site and available parking. She added that she had more concern about residents of the Washington Street area of the Oakwood Subdivision getting to the pool and clubhouse compared to the proposed Oak Grove Trails section, which is closer. Ms. Oakley also added that the sidewalks and available parking at the clubhouse appeared to be sufficient, and referred to her experience walking to the pool in the Ashbury Subdivision.

Lori Oakley made a motion to approve the R-8 CD rezoning request as presented. Keith Hoover seconded the motion, which passed unanimously. Chairman Tulauskas confirmed that the request will go before the Mebane City Council at the August 2nd public hearing.

8. Proposed Text Amendment to the City of Mebane Unified Development Ordinance Article 2 ("Administration, Development Review, and Permitting Procedures"), Section 3.C ("Board of Adjustment, Composition")

Cy Stober presented the above proposed Text Amendment to Article 2, Section 3.C. of the City of Mebane Unified Development Ordinance to clarify the Mayor's role on the Board of Adjustment.

Lori Oakley raised the question of who would break the tie if the Board of Adjustment had eight sitting members. Cy Stober clarified that the request should be revised to reflect the same ordinance language used for the city council that establishes the Mayor as the tie-breaking vote.

Judy Taylor made a motion to approve the proposed amendments to Article 2, Section 3.C. of the City of Mebane Unified Development Ordinance, with the condition that the language is revised to clarify that the Mayor will vote only in the event of a tie. Kevin Brouwer seconded the motion, which passed unanimously.

9. Proposed Text Amendment to the City of Mebane Unified Development Ordinance Article 5 ("WSW Buffers, Overlay, Environmental, and Special Purpose Regulations"), Section 4 ("Watershed Overlay District Regulations")

Cy Stober presented the above proposed Text Amendment to Article 5, Section 4 of the Mebane Unified Development Ordinance for the following reasons:

- Expansion of text to apply to both water supply watersheds in the City's limits
- Current language is limited to Graham-Mebane Lake
- State law requires application of same laws to both watersheds



Kevin Brouwer made a motion to approve the proposed amendments to Article 5, Section 4. of the City of Mebane Unified Development Ordinance as presented. Keith Hoover seconded the motion, which passed unanimously.

10. New Business

Kevin West, 412 Lee Street, notified the Board about a pipe that burst on Lee Street on Friday 7/16. He expressed frustration about the City's limited response in addressing the situation, despite his calls to the City over the weekend. Cy Stober apologized for the inconvenience, gave Mr. West his contact information and assured him that Public Works would address the problem.

Audrey Vogel informed the board that Staff will be handing out hardcopies of the Mebane UDO with the 160D amendments.

Ashley Ownbey provided an update on the City Council's approval the Better Block Trailer projects recommended by the Mebane Bicycle and Pedestrian Advocacy Commission (BPAC)

11. Adjournment

There being no further business, the meeting was adjourned at 8:00 p.m.



AGENDA ITEM #6

Amendment to the Mebane Unified Development Ordinance Flood Hazard Overlay (FHO) District

Presenter

Cy Stober, Development Director

Public Hearing
Yes⊠ No□

Summary

The Planning Board shall advise and comment on the request to amend the Flood Hazard Overlay (FHO) District of the Mebane Unified Development Ordinance (UDO), as described in Article 3, Section C, and shown on the official City Zoning Map. The City adopted a new Flood Insurance Rate Map (FIRM) and Floodplain Development Ordinance in 2017, at the direction of the Federal Emergency Management Agency (FEMA) following a reevaluation of floodplain locations and relative flood risks of properties. At the request of Lebanon Road Partners, LLC, the FEMA initiated a process to revise the FIRM and, consequently, the City's FHO. The public notification process complied with federal criteria, including mailings to the immediately-affected properties and advertisement in the local newspaper, evidenced with an affidavit of publication.

The change will reflect the FEMA Letter of Map Revision (LOMR) Case No. 21-04-0010P, approved July 15, 2021, following a 90-day appeal period initiated March 17, 2021. The change effected in the FIRM modifies the 100- and 500-year floodplain locations in FIRM Panel 3710982500L from a point approximately 300 feet upstream of the Lebanon Road crossing of Mill Creek/Lake Michael to a point approximately 2,200 feet upstream of the Lebanon Road crossing of Mill Creek/Lake Michael. The proposed amendment will bring the City's official Zoning Map into consistency with the revised FIRM.

Financial Impact

N/A – the FIRM revision does not place any new structures within the 100- or 500-year floodplains.

Staff Recommendation

Staff advises an in-favor recommendation of the proposed amendments as presented to be reviewed by the Mebane City Council at the September 13, 2021, Public Hearing.

Suggested Motion

Motion to approve the amendments to the City of Mebane Unified Development Ordinance and Zoning Map as presented.

The amendments are consistent with the objectives and policies for growth and development in the Comprehensive Land Development Plan *Mebane By Design*, and are required by State and Federal law.

Attachments

- 1. FEMA LOMR to City of Mebane RE: Case No. 21-04-0010P
- 2. Revised 100- and 500-year Flood Insurance Rate Map Panel 3710982500L
- 3. Example Public Notification Letter to Affected Property Owners



Federal Emergency Management Agency

Washington, D.C. 20472

July 15, 2021

CERTIFIED MAIL RETURN RECEIPT REQUESTED

The Honorable Ed Hooks Mayor, City of Mebane 106 East Washington Street Mebane, NC 27302

IN REPLY REFER TO:

Case No.: 21-04-0010P City of Mebane, NC Community Name:

Community No.: 370390 FIRM Panel Affected: 3710982500L

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Dear Mayor Hooks:

In a Letter of Map Revision (LOMR) dated March 5, 2021, you were notified of proposed flood hazard determinations affecting the Flood Insurance Rate Map (FIRM) and Flood Insurance Study (FIS) report for the City of Mebane, Orange County, NC. These determinations were for Lake Michael Tributary from a point approximately 300 feet upstream of Lebanon Road to a point approximately 2,200 feet upstream of Lebanon Road. The 90-day appeal period that was initiated on March 17, 2021, when the Department of Homeland Security's Federal Emergency Management Agency (FEMA) published a notice of proposed Flood Hazard Determinations in Mebane Enterprise has elapsed.

FEMA received no valid requests for changes to the modified flood hazard information. Therefore, the modified flood hazard information for your community that became effective on July 15, 2021, remains valid and revises the FIRM and FIS report that were in effect prior to that date.

The modifications are pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and are in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. The community number(s) and suffix code(s) are unaffected by this revision. The community number and appropriate suffix code as shown above will be used by the National Flood Insurance Program (NFIP) for all flood insurance policies and renewals issued for your community.

FEMA has developed criteria for floodplain management as required under the above-mentioned Acts of 1968 and 1973. To continue participation in the NFIP, your community must use the modified flood hazard information to carry out the floodplain management regulations for the NFIP. The modified flood hazard information will also be used to calculate the appropriate flood insurance premium rates for all new buildings and their contents and for the second layer of insurance on existing buildings and their contents.

If you have any questions regarding the necessary floodplain management measures for your community or the NFIP in general, please contact the Mitigation Division Director, FEMA Region IV, in Atlanta, Georgia either by telephone at (770) 220-5406, or in writing at 3005 Chamblee Tucker Road, Atlanta, Georgia, 30341

If you have any questions regarding the LOMR, the proposed flood hazard determinations, or mapping issues in general, please call the FEMA Mapping and Insurance eXchange, toll free, at (877) 336-2627 (877-FEMA MAP).

Sincerely,

Patrick "Rick" F. Sacbibit, P.E., Branch Chief

Engineering Services Branch

Federal Insurance and Mitigation Administration

cc: Mr. Chris Rollins City Manager City of Mebane

> Mr. Cy Stober, AICP Development Director City of Mebane

Mr. Timothy A. Smith, P.E. Summit Design and Engineering

Mr. Scott Gentry, P.E., CFM LOMC Manager North Carolina Floodplain Mapping Program

Mr. Steve Garrett, CFM State NFIP Coordinator North Carolina Emergency Management



Federal Emergency Management Agency

Washington, D.C. 20472

North Carolina Floodplain Mapping Program

Cooperating Technical Partner





The Honorable Ed Hooks Mayor, City of Mebane 106 East Washington Street Mebane, NC 27302

IN REPLY REFER TO:

Case No .:

21-04-0010P

Community Name: City of Mebane, NC

Community No.:

370390

Effective Date of

This Revision:

July 15, 2021

Dear Mayor Hooks:

The Flood Insurance Rate Map for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Floodplain Administrator for your community. If you have any technical questions regarding this LOMR, please contact the North Carolina Floodplain Mapping Program (NCFMP) at (919) 825-2318, or the Federal Emergency Management Agency (FEMA) Mapping and Insurance eXchange toll free at 1-877-336-2627 (1 877-FEMA MAP). Additional information about the NFIP is available on FEMA's website at https://www.fema.gov/flood-insurance, and additional information about the NCFMP is available at https://flood.nc.gov/ncflood/.

Sincerely,

Patrick "Rick" F. Sacbibit, P.E., Branch Chief

Engineering Services Branch

Federal Insurance and Mitigation Administration

Krzysztof "Chris" Koltyk,

Assistant Director, Risk Management North Carolina Emergency Management

List of Enclosures:

Letter of Map Revision Determination Document Annotated Flood Insurance Rate Map

cc:

Mr. David S. Cheek, City Manager, City of Mebane

Mr. Cy Stober, AICP, Development Director, City of Mebane

Mr. Timothy A. Smith, P.E., Summit Design and Engineering

Mr. Scott Gentry, P.E., CFM, North Carolina Floodplain Mapping Program

Mr. Steve Garrett, CFM, NFIP Coordinator, North Carolina Emergency Management



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

	COMMUNITY AND REVISION INFORMATION	PROJECT DESCRIPTION	BASIS OF REQUEST	
COMMUNITY	City of Mebane Orange County North Carolina	NO PROJECT	BASE MAP CHANGES FLOODWAY	
	COMMUNITY NO.: 370390			
IDENTIFIER	NC-21-713 Boundary Revision At Lake Michael Tributary	APPROXIMATE LATITUDE & LONGITUDE: 36.10825, -79.25066 SOURCE: Other (ArcGIS) DATUM: NAD 83		
	ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES		
TYPE: FIRM*	NO.: 3710982500L DATE: November 17, 2017	No revision to Flood Insurance Study R	eport	
Enclosures reflect	changes to flooding sources affected by this revision.			

Enclosures reflect changes to flooding sources affected by this revision

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE & REVISED REACH

Lake Michael Tributary – from a point approximately 300 feet upstream of Lebanon Road to a point approximately 2,200 feet upstream of Lebanon Road.

SUMMARY OF REVISIONS							
Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases			
Lake Michael Tributary	Zone AE Floodway	Zone AE Floodway	Yes Yes	Yes Yes			
	Zone X (Shaded)	Zone X (Shaded)	Yes	Yes			

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief

Engineering Service Branch

Federal Insurance and Mitigation Administration

Case No.: 21-04-0010P



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief

Engineering Service Branch

Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Ms. Jacky Bell
Director, Mitigation Division
Federal Emergency Management Agency, Region IV
Rhodes Building, 3005 Chamblee Tucker Road
Atlanta, GA 30341
(770)-220-5406

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief Engineering Service Branch

Federal Insurance and Mitigation Administration

21-04-0010P



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below, and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp

LOCAL NEWSPAPER

Name: Mebane Enterprise

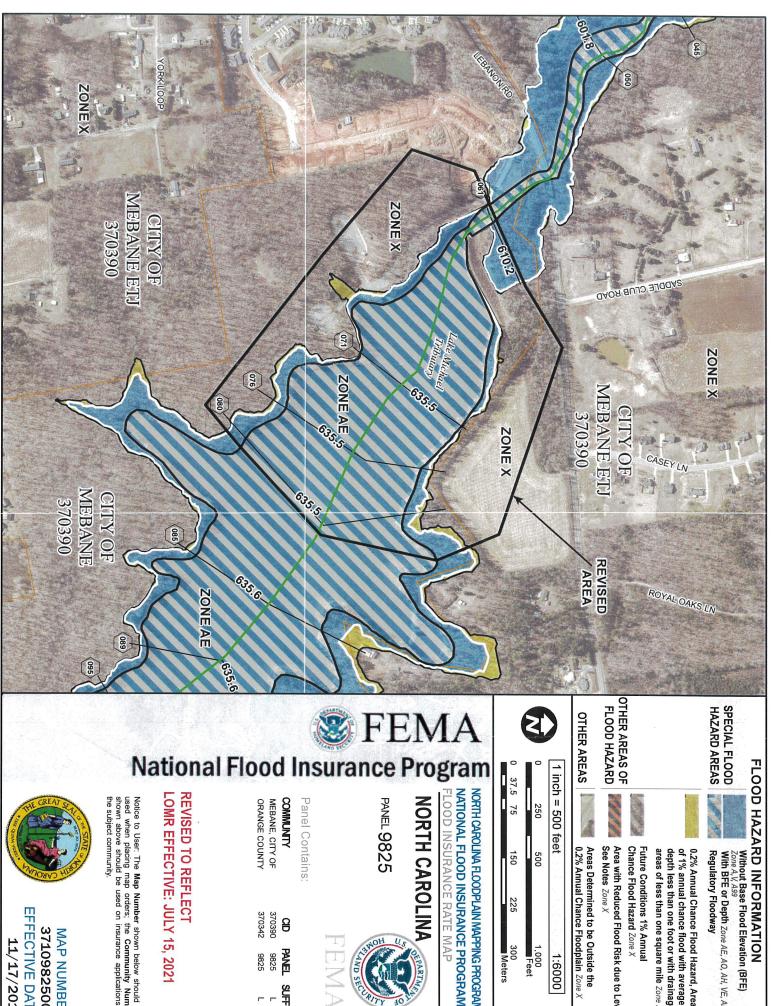
Dates: March 10, 2021

and March 17, 2021

Within 90 days of the second publication in the local newspaper, any interested party may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief Engineering Service Branch Federal Insurance and Mitigation Administration



FLOOD HAZARD INFORMATION















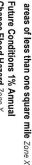








Without Base Flood Elevation (BFE) Regulatory Floodway With BFE or Depth Zone AE, AO, AH, VE, AR



of 1% annual chance flood with average 0.2% Annual Chance Flood Hazard, Areas

depth less than one foot or with drainage

Area with Reduced Flood Risk due to Levee See Notes $\mathit{Zone}\,X$ Chance Flood Hazard Zone X



















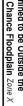




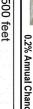














150

225

Meters

1,000 Feet

1:6000

NORTH CAROLINA







MEBANE, CITY OF ORANGE COUNTY

370390 370342 용

Panel Contains

COMMUNITY

REVISED TO REFLECT

LOMR EFFECTIVE: JULY 15, 2021

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



EFFECTIVE DATE 3710982500L MAP NUMBER

11/17/2017



January 21, 2021

City of Mebane 106 Washington Street Mebane, NC 27302

Re: Notification of Flood Hazard Revisions

Dear City of Mebane:

The Flood Insurance Rate Map (FIRM) for a community depicts the floodplain, the area which has been determined to be subject to a 1% (100-year) or greater chance of flooding in any given year. The floodway is the portion of the floodplain that includes the channel of a river or other watercourse and the adjacent land area that must be reserved in order to discharge the base flood without cumulatively increasing the water-surface elevation by more than a designated height. The FIRM is used to determine flood insurance rates and to help the community with floodplain management.

Summit Design and Engineering is applying for a Letter of Map Revision (LOMR) from the Federal Emergency Management Agency (DHS-FEMA) on behalf of Lebanon Road 2, LLC to revise FIRM #370390, Panel #9825, Suffix #L for City of Mebane, NC along Lake Michael Tributary. Summit Design and Engineering is proposing to revise the FIRM to reflect updated field surveyed topographic data.

The City of Mebane Planning Department, in accordance with National Flood Insurance Program regulation 65.7(b)(1), hereby gives notice of the City of Mebane's intent to revise the 1% annual chance (100-year) floodway, generally located between Mace Road and Lebanon Road. Specifically, the floodway shall be revised from a point approximately 345 feet upstream of Lebanon Road (Effective Cross-Section 061) to a point approximately 2,155 feet upstream of Lebanon Road (between Effective Cross-Sections 080 and 085).

The LOMR will also result in:

- 1. Widening and narrowing of the 1% annual chance floodplain along Lake Michael Tributary from a point approximately 345 feet upstream of Lebanon Road (Effective Cross-Section 061) to a point approximately 2,045 feet upstream of Lebanon Road.
- 2. Widening and narrowing of the 1% annual chance floodway along Lake Michael Tributary from a point approximately 345 feet upstream of Lebanon Road (Effective Cross-Section 061) to a point approximately 2045 feet upstream of Lebanon Road

This letter is to inform you of flood hazard revisions on your properties at Orange County Tax Parcel PINs 9825862705 and 9825686521, Mebane, NC, 27302.

Maps and detailed analysis of the flood hazard revision can be reviewed at the Summit Design and Engineering offices located at 320 Executive Court, Hillsborough, NC 27278. If you have any questions or concerns about the proposed project or its effect on your property, you may contact Tim Smith of Summit Design and Engineering at 919-616-6491, tim.smith@summitde.net

Sincerely,

Cy Stober

City of Mebane Planning Department

919-563-9990

cstober@cityofmebane.com



AGENDA ITEM #7

RZ 21-09 Conditional Rezoning -Meadowstone Townhomes

Presenter

Audrey Vogel, City Planner

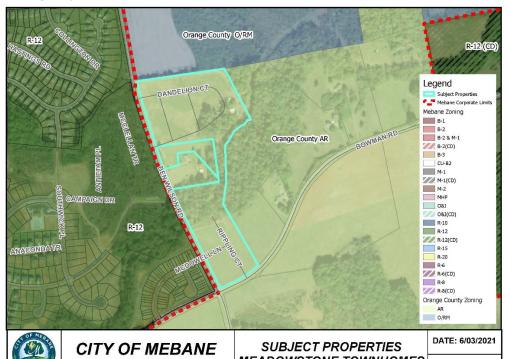
Applicant

Ben Wilson Road, LLC 320 Executive Court Hillsborough, NC 27278

Public Hearing

Yes ⊠ No □

Zoning Map



MEADOWSTONE TOWNHOMES ZONING MAP

DRAWN BY: AV

Property

900, 1002 & 1010 Ben Wilson Road 9824434841, 9824435349, 9824435147

Proposed Zoning

R-8 (CD)

Current Zoning

AR (Orange County, Agricultural Residential)

Size

+/-25.58 acres

Surrounding Zoning

R-12,

Orange County AR and O/RM

Adjacent Land Uses

Residential, Vacant, Manufacturing

Utilities

To be extended at developer's expense

Floodplain

No

Watershed

No

City Limits

No

Summary

Ben Wilson Road, LLC, is requesting approval to establish R-8 CD (Residential Conditional Zoning District) zoning on three (3) properties totaling +/- 25.58 acres located on Ben Wilson Road Rd, with a frontage on Bowman Rd to allow for a residential development of 162 147 townhomes. The property is located outside of the ETJ in Orange County and is currently zoned AR (Agricultural Residential) by Orange County. Ben Wilson Road, LLC, has the property under contract to purchase, contingent upon approval of the conditional rezoning.

The proposed onsite amenities & dedications include the following:

- The construction of all internal roads with 5' sidewalks.
- The construction of an amenity center, dog park, playground, and greenspace to exclusively serve development residents to be maintained by the HOA. In total, the site plan features 1.7 acres of active recreation space and 10.44 acres of passive HOA owned open space.
- +/- 3,446 linear feet of a variable 8'-10'-wide asphalt multiuse path through the development and along the frontage of the northern portion of the site on Ben Wilson Road.

Requested waivers:

UDO Requirement	Requested Wavier
30' front setback	20' front setback
20' rear setback	15' rear setback
15' side setback	8' side setback
Per conditional zoning request	Lot area and width as presented.
2.5 parking spaces per 3-bedroom home	2 parking spaces per 3-bedroom home

The UDO calculates that the applicant should provide 4.62 acres in public recreation area valued at \$44,680. The applicant is proposing to dedicate the new multi-use path, 1.10 acres of public recreation area as an alternate to the payment-in-lieu. The multi-use path will be in the City's right of way and publicly maintained. If this is not possible, a payment *in lieu* will be provided in the amount of \$34,042 (3.52 ac x \$9,671).

A Traffic Impact Analysis was conducted in July 2020. The applicant will be required to provide a southbound left-turn lane on Ben Wilson Road with 100' of storage but, otherwise, the findings do not yield any offsite recommended improvements.

The Technical Review Committee (TRC) has reviewed the site plan five (5) six (6) times and the applicant has revised the plan to reflect the comments.

The initial request was presented to the Planning Board on June 14, 2021, and received a recommendation for denial due to concerns about density and insufficient parking. The request has since been revised to increase the amount of parking so that a waiver is no longer required, and the number of townhome units has decreased from 161 to 147.

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The developer will be required to make all of the improvements at his own expense.

Recommendation

The Planning staff has reviewed the request for consistency with the City's adopted plans and finds that it is in the public's interest, recommending approval.

Suggested Motion

- 1. Motion to approve the R-8 (CD) zoning as presented.
- 2. Motion to find that <u>the application is consistent</u> with the objectives and goals in the City's 2017 Comprehensive Land Development Plan *Mebane By Design*. The request:
 - ☐ Is for a property within the City's G-4 Secondary Growth Area and is generally residential in nature (Mebane CLP, p.66);
 - □ Provides a greenway connection to a different land use, consistent with Open Space and Natural Resource Protection Goal 4.2 (p. 17 & 89);
 - □ Provides a greenway and open space in a developing area, connecting to other locations, consistent with Open Space and Natural Resource Protection Goal 4.3 (p. 17, 89, & 90); and
- 3. Motion to <u>deny</u> the R-8(CD) rezoning as presented due to a lack of
 - a. Harmony with the surrounding zoning

OR

b. Consistency with the objectives and goals in the City's 2017 Comprehensive Land Development Plan *Mebane By Design* or any of the City's other adopted plans.

Attachments

- 1. Zoning Amendment Application
- 2. Zoning Map
- 3. Site Plan
- **4.** Planning Project Report
- 5. Preliminary Water and Sewer System Approval Letter
- **6.** Technical Memorandum City Engineering Review
- 7. Traffic Impact Analysis Executive Summary Revised June 2021 (<u>full TIA available at this link</u>)
- 8. Meadowstone TIA Review Comments Ramey Kemp Associates

APPLICATION FOR A ZONING AMENDMENT

Application is hereby made for all amendment to the Medane Zoning Ordinance as follows:
Name of Applicant: Ben Wusen Road, LLC
Name of Applicant: Ben Wilson ROAD, LLC 4/5 SUMMIT DESIGN AND ENGINEERING SERVICES, PLLC Address of Applicant: 320 EXECUTIVE COVEY, HILLSBORDVEH, NC 27278
Address and brief description of property to be rezoned: 900 REN WILSON ROND (PIN 982443484 2.01 ACRES 1002 BEN WILSON ROND (PIN 9824435349) 1010 BEN WILSON ROND (PIN 9824435349)
Applicant's interest in property: (Owned, leased or otherwise)
CONTRACT PURCHASER
*Do you have any conflicts of interest with: Elected/Appointed Officials, Staff, etc.?
Yes Explain: No
Type of re-zoning requested: R-8 (CD)
Sketch attached: YesX No
Reason for the requested re-zoning: Tembertine from current Drange County Agriculturalle Residential (AR) GENERAL FOUNDE DISTRICT TO CITY OF MORNIE R-8(CD) CONDITIONED FOUNDE DISTRICT VIA A CONTIGUOUS ANNIELATION PETITION TO PARTIT A 1/8 JUNE 8 2020 Date: June 8 2020
Action by Planning Board:
Public Hearing Date:Action:
Zoning Map Corrected:
The following items should be included with the application for rezoning when it is returned:
 Tax Map showing the area that is to be considered for rezoning. Names and addresses of all adjoining property owners within a 300' radius (Include those that are across the street). \$300.00 Fee to cover administrative costs. The information is due 15 working days prior to the Planning Board meeting. The Planning Board meets the 2nd Monday of each month at 6:30 p.m. Then the request goes to the City Council for a Public Hearing the following month. The City Council meets the 1st Monday of each



PETITION REQUESTING A CONTIGUOUS ANNEXATION

Annexation Process - Approximately a 2 Month Process

 $1^{\rm st}$ Month- Submit a Petition for Annexation to the City Council, the Clerk reports to City Council the Sufficiency of the Annexation and the City Council adopts a Resolution to set a Public Hearing

 2^{nd} Month- A Public Hearing is held and normally that same night, the City Council will adopt an Ordinance to set the effective date as the same or the Council will deny the request

Date: June 8, 2020

To the City Council of the City of Mebane:

- 1. We the undersigned owners of real property respectfully request that the area described in Paragraph 2 below be annexed to the City of Mebane.
- 2. The area to be annexed is contiguous to the City of Mebane and the boundaries of such territory are as follows: PIN's: **D9824434841** 9824435349** 9824435147*

 (SEE ATTACHED EXCHISIT.)

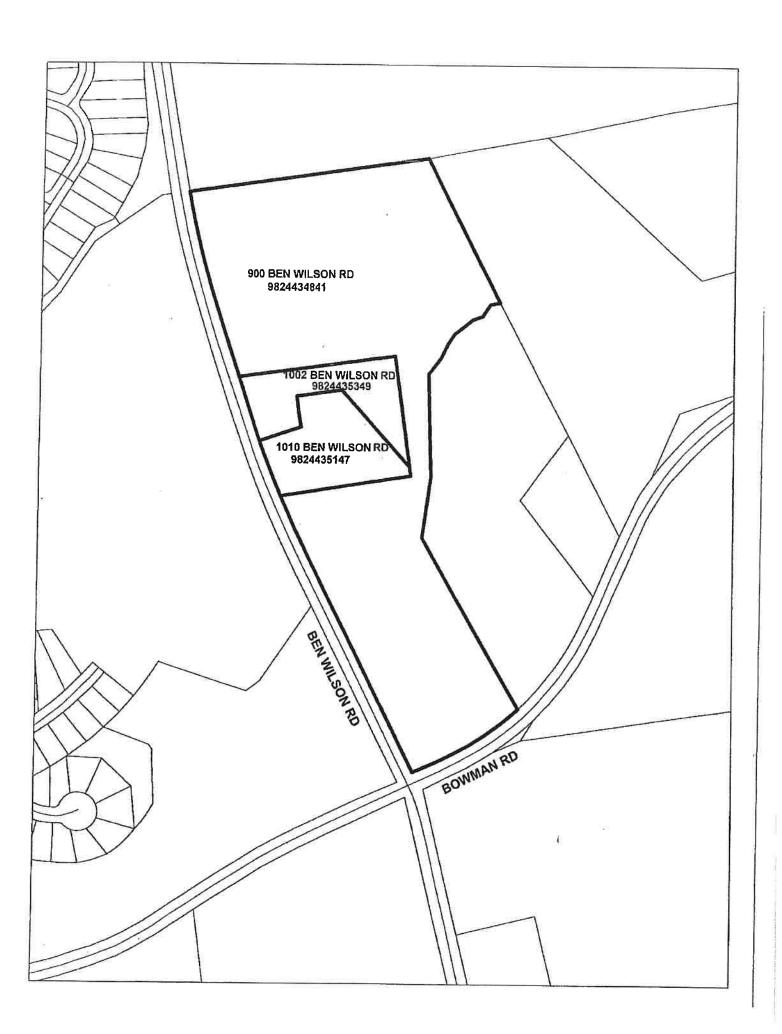
*Please include a Description of Boundaries (Metes and Bounds) on a separate paper.

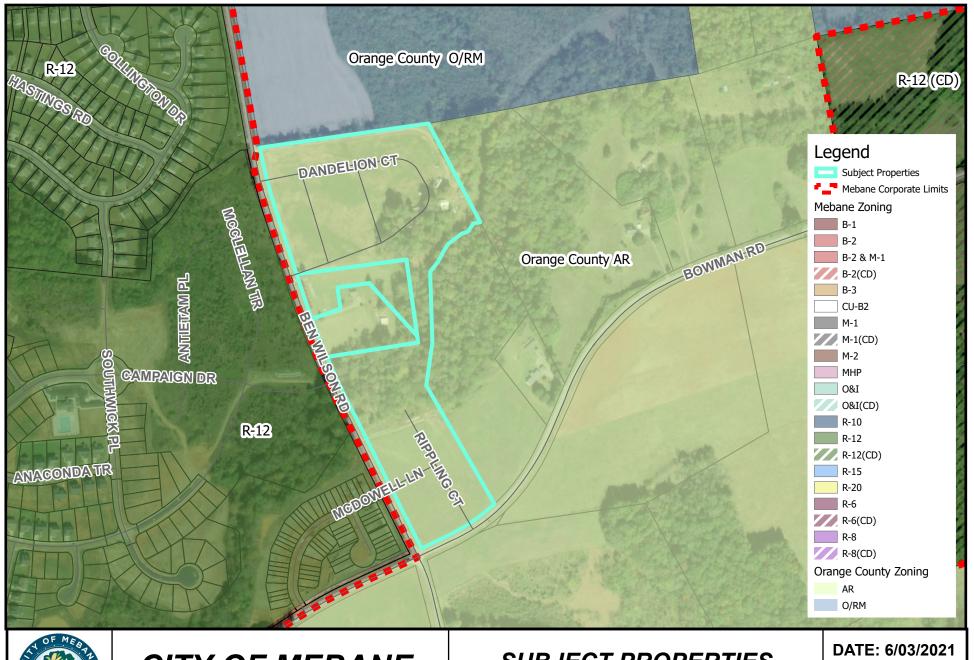
**3. We acknowledge that any zoning vested rights acquired pursuant to G.S. 160A-385.1 or or G.S. 153A-344.1 must be declared and identified on this petition. We further acknowledge that failure to declare such rights on this petition shall result in a termination of vested rights previously acquired for the property. (If zoning vested rights are claimed, indicate below and attach proof.)

Name	Address	Do you declare vested rights (Yes or No)	Signature CONTRACT PURCHASEL! BEH WILLSON ROAD, LLC
NADINE R. WUSSEN HELES	900 BEN WILSON ROAD MERANG, NC 27302	No	Jall J
S.A. & ALAN WILSON	1002 BEN WILSON ROAD MERRANE, NC 27302	No	Alan Wilson Joseph A
T.A. & ALAN WILSON	1010 BEN WILSON ROAD MERNE, NC 27302	No	Man Wilson Grand A
	· .		A55D1C001522470 FBAE58FD13654BB

^{*}Municipality may wish to require metes and bounds description or map. (Provide 2 paper copies, an electronic copy and 3 mylars)

^{**}This is one possible format for zoning vested rights declaration. This language may require modification to reflect the requirements of the municipal zoning vested rights ordinance, if any.







CITY OF MEBANE ZONING MAP SUBJECT PROPERTIES
MEADOWSTONE TOWNHOMES

1 inch = 450 feet

DRAWN BY: AV

SHEET INDEX					
Sheet Title	Sheet Number				
COVER SHEET	C-1				
EXISTING CONDITIONS PLAN	C-2				
OVERALL SITE PLAN	C-3				
SITE & UTILITY PLAN PH I & II	C-4				
SITE & UTILITY PLAN PH III	C-5				
GRADING & STORM DRAINAGE PLAN PH I & II	C-6				
GRADING & STORM DRAINAGE PLAN PH III	C-7				
LANDSCAPE PLAN PHASE I & II	L-1				
LANDSCAPE PLAN PHASE III	L-2				
LANDSCAPE DETAILS	L-3				
SITE DETAILS	D-1				

OWNER:	JOSEPH JR. 101 SAM SNE MEBANE, NO					
		. WILSON, JR. LSBOROUGH				
DEVELOPER:	BEN WILSON 320 EXECUT HILLSBOROU (919) 732-388 JAMES PARK	IVE COURT JGH, NC 2727 33 (PHONE)	8			
PIN: REFERENCE: LAND AREA:	DB 6580, PG	, 9824-43-534 240 & DB 658 37 = 25.58 ACI), PG 237	147		
PROPERTY ADDRES	,	1002 & 1010 B ANE, NC	EN WILSON	ROAD		
PROPERTY IS NOT L EXISTING ZONING: PROPOSED ZONING: CURRENT USE: PROPOSED USE:	AR (ORANGE	E COUNTY) L				
JURISDICTION: STATE:	MEBANE NORTH CAR	COLINA				
WATERSHED:	HAW CREEK	(UNPROTECT	ΓED)			
TOWNHOMES ALLOV			C. = 255			
PROPOSED TOWNHO				BR/UNIT = 44	1 BR)	
PROPOSED MINIMUN	M LOT AREA:	2,10	00 SF			
PROPOSED DENSITY	/ :	5.74	D.U./ACRE			
IMPERVIOUS AREA TOWNHOMES	S & SIDEWALKS	<u>PH</u> 106 120		0,200 SF	<u>PH III</u> 41 X 1,70 52,889 SI	0 = 69,700SF
MULTI-USE P. AMENITY CENTE PARKING	ATH	24,8	340 SF 26 SF		8,260 SF 4,057 SF	
SIDEWALK BUILDING		1,42	4 SF 0 SF		, , <u></u>	
TOTAL	DD0\#5== ==	341	,391 SF		134,906 \$	
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PHASE III:	256,0	25 SF (5.88 A)	?)			
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UNDISTURBED AREA SLOPE> 15%: AREA IN STREAM BUTTER STREAM	A: 171,1 113,4 JFFER: 176,3 DPEN SPACE UNIT X 147 UN = 11.95 (46.72% C AND PRIVAT- RECREATION E: DN SPACE PRO E RECREATION GROUND, GF N SPACE REQU N SPACE PRO ENWAY/MULTI- REATION SPACE ROVIDING THE DSSIBLE A PAY 71/AC). 7 - THREE BR U (1 DRIVEWA 90° PARKING AND AMENIT UDED 2 VAN A	67 SF (21.65 A) 90 SF (3.93 A) 58 SF (2.60 A) 45 SF (4.04 A) ITS = 73,500 S 6) E RECREATIO AL HOA PROF DVIDED: N SPACE PROF EEN SPACE A JIRED: (147 L //IDED: USE PATH) X E DEFICIT: DE EMUITI-USE P //MENT IN LIEU JINITS X 2.5 SF	OC) C) C	0.10 AC. LUDING AME () = 0.75 AC AC./LOT) = E EASEMENT VISHES TO H UGHOUT TH ROVIDED IN = 368 SPACE E 294 SPACE ROADS, MA	4.20 AC. T) = 1.06 AG HAVE THIS IE DEVELO THE AMOU	C. DEFICIT PMENT. IF
UNDISTURBED AREA SLOPE> 15%: AREA IN STREAM BUTTER STREAM	A: 171,1 113,4 JFFER: 176,3 DPEN SPACE UNIT X 147 UN = 11.95 (46.72% C AND PRIVAT- RECREATION E: DN SPACE PROVE E RECREATION OF SPACE PROVIDING THE DSSIBLE A PAY 71/AC). 7 - THREE BR U (1 DRIVEWA 90° PARKING AND AMENIT UDED 2 VAN A WAYS BLIC ROADS:	67 SF (21.65 A) 90 SF (3.93 A) 58 SF (2.60 A) 45 SF (4.04 A) ITS = 73,500 S 6) E RECREATION AL HOA PROF DVIDED: N SPACE PROF REEN SPACE A JIRED: (147 L JIDED: USE PATH) X E DEFICIT: DE MUITI-USE P MENT IN LIEU JINITS X 2.5 SF JINITS X 2.5 SF JINITS X 2 SP./ Y & 1 GARAG G SPACES ALO Y CENTER CC. SPACE) PHASE 18.11 2,487 LF	OC) C) C	0.10 AC. LUDING AME () = 0.75 AC AC./LOT) = E EASEMENT VISHES TO HOUGHOUT TH ROVIDED IN 368 SPACE ROADS, MA 85 SPACES 379 SPACE	4.20 AC. T) = 1.06 AC HAVE THIS IE DEVELO THE AMOU S IL KIOSK TOTAL 3,371 LF	C. DEFICIT PMENT. IF INT OF \$30,367
UNDISTURBED AREA SLOPE> 15%: AREA IN STREAM BLE PRIVATE COMMON CONTROL TOTAL (TOTAL) ACTIVE (PUBLIC PASSIVE (NON-PROVIDED: TOTAL PRIVATE PARKING, PLAY) PUBLIC RECREATION SPACE PRIVATE RECREATION (3,310 LF GREE) NOTE: PUBLIC RECREATION (3,310 LF GREE) NOTE: PUBLIC RECREATION (3,114 AC X \$9,6) PARKING: REQUIRED: 147 PROVIDED: 147 TOTAL (INCLUE) ROADS & RIGHT-OF-LINEAR FEET OF PUBLIC RECREATION (1) CONTROL TO TOTAL (1) CLUE ROADS & PUBLIC RECREATION (1) CLUE ROADS & RIGHT-OF-LINEAR FEET OF PUBLIC RECREATION (1) CLUE ROADS & RIGHT-OF-LINEAR FEET OF PUBLIC RECREATION (1) CLUE ROADS & RIGHT-OF-LINEAR FEET OF PUBLIC RECREATION (1) CLUE ROADS & RIGHT-OF-LINEAR FEET OF PUBLIC R	A: 171,1 113,4 JFFER: 176,3 DPEN SPACE UNIT X 147 UN = 11.95 (46.72% C AND PRIVAT- RECREATION E: DN SPACE PROVE E RECREATION OF SPACE PROVIDING THE DSSIBLE A PAY 71/AC). 7 - THREE BR U (1 DRIVEWA 90° PARKING AND AMENIT UDED 2 VAN A WAYS BLIC ROADS: IC R/W: JBLIC WATER,	67 SF (21.65 A) 90 SF (3.93 A) 58 SF (2.60 A) 45 SF (4.04 A) ITS = 73,500 S 6) E RECREATION AL HOA PROF OVIDED: N SPACE PROF REEN SPACE A JIRED: (147 L JIDED: USE PATH) X E DEFICIT: DE MUITI-USE P MENT IN LIEU JINITS X 2.5 SF JINITS X 2.5 SF JINITS X 2 SP./ Y & 1 GARAG G SPACES ALO Y CENTER CC. SPACE) PHASE I&II 2,487 LF 119,738 SF SANITARY SE	OC) ON SPACE): PERTY): 1 OVIDED (INC) NOTS) X (1/35) (14 FT. WIDE) EVELOPER V ATHS THRO J WILL BE PI ONG PUBLIC PHASE I 884 LF 51,422 S EWER,	0.10 AC. LUDING AME () = 0.75 AC 5 AC./LOT) = E EASEMENT WISHES TO HUGHOUT TH ROVIDED IN = 368 SPACE ROADS, MA = 85 SPACES = 379 SPACE	4.20 AC. T) = 1.06 AG HAVE THIS IE DEVELO THE AMOU S S S IL KIOSK TOTAL	C. DEFICIT PMENT. IF INT OF \$30,367
UNDISTURBED AREA SLOPE> 15%: AREA IN STREAM BLE PRIVATE COMMON CEQUIRED: 500 SF / PROVIDED: (TOTAL) ACTIVE (PUBLIC PASSIVE (NON-PROVIDED: TOTAL PRIVATE PARKING, PLAY PUBLIC RECREATION (3,310 LF GREE MAKE UP BY PITHIS IS NOT POWER (3.14 AC X \$9,6) PARKING: REQUIRED: 147 PARKING: REQUIRED: 147 TOTAL (INCLUE ROADS & RIGHT-OF-LINEAR FEET OF PUBLIC RECREATION PROVIDED: 147	A: 171,1 113,4 JFFER: 176,3 DPEN SPACE UNIT X 147 UN = 11.95 (46.729 C AND PRIVAT- RECREATION. E: DN SPACE PROVIDENT SPACE PROVIDING THE DSSIBLE A PAY 71/AC). 7 - THREE BR U (1 DRIVEWA 90° PARKING AND AMENIT UDED 2 VAN A WAYS BLIC ROADS: IC R/W: JBLIC WATER, L BE PROVIDED R: 2,586 R: 2,419 4,668 PATH: 2,637	67 SF (21.65 A) 90 SF (3.93 A) 58 SF (2.60 A) 45 SF (4.04 A) ITS = 73,500 S 6) E RECREATION AL HOA PROF DVIDED: N SPACE PROP REEN SPACE (147 L) //IDED: USE PATH) X E DEFICIT: DE E MUITI-USE P //MENT IN LIEU JNITS X 2.5 SF JNITS X 2 SP./ Y & 1 GARAG G SPACES ALO (Y CENTER CC. SPACE) PHASE I&II 2,487 LF 119,738 SF SANITARY SE D FOR THIS D E BE I&II 2,487 LF 119,738 SF SANITARY SE D FOR THIS D E BE I&II 2,487 LF 119,738 SF SANITARY SE D FOR THIS D E BE I&II 2,487 LF 19,738 SF SANITARY SE D FOR THIS D E BE I&II 2,487 LF 19,738 SF	OC) C) C	0.10 AC. LUDING AME () = 0.75 AC 5 AC./LOT) = E EASEMENT WISHES TO HUGHOUT TH ROVIDED IN = 368 SPACE ROADS, MA = 85 SPACES = 379 SPACE	4.20 AC. T) = 1.06 AC HAVE THIS E DEVELO THE AMOU S S IL KIOSK TOTAL 3,371 LF 171,160 S RD. T 4 3 5 3	C. DEFICIT PMENT. IF INT OF \$30,367
UNDISTURBED AREA SLOPE> 15%: AREA IN STREAM BUTTER AREA OF NEW PUBLIC SAN. SEWER PUBLIC SIDEWALK: PUBLIC MULTI-USE FORM DRAINAGE PROPOSED BUILDIN PROP	A: 171,1 113,4 JFFER: 176,3 DPEN SPACE UNIT X 147 UN = 11.95 (46.729 C AND PRIVAT- RECREATION. TO SPACE PROVIDED STATE CROVIDING THE DESTIBLE A PAY TILAC). TO THREE BRUE (1 DRIVEWA 90° PARKING AND AMENIT UDED 2 VAN AUDED 2 VAN AUDE	67 SF (21.65 A) 90 SF (3.93 A) 58 SF (2.60 A) 45 SF (4.04 A) 1TS = 73,500 S 6) E RECREATION AL HOA PROF OVIDED: N SPACE PROF REEN SPACE A JIRED: (147 L) //IDED: USE PATH) X E DEFICIT: DE MUITI-USE P //MENT IN LIEU JINITS X 2.5 SF JINITS	OC) C) C	0.10 AC. LUDING AME (X) = 0.75 AC 5 AC./LOT) = E EASEMENT WISHES TO HOUGHOUT TH ROVIDED IN = 368 SPACE ROADS, MA = 85 SPACES = 379 SPACE III F NT. BEN WILSON 1995 LF	4.20 AC. T) = 1.06 AC HAVE THIS E DEVELO THE AMOU S S IL KIOSK TOTAL 3,371 LF 171,160 S RD. T 4 3 5 3	DEFICIT PMENT. IF INT OF \$30,367 OTAL 450 LF 298 LF 651 LF 447 LF
UNDISTURBED AREA SLOPE> 15%: AREA IN STREAM BUTTO TOTAL PROVIDED: (TOTAL) ACTIVE (PUBLIC PASSIVE (NON-PROVIDED: TOTAL) ACTIVE (PUBLIC PASSIVE (NON-PROVIDED: TOTAL PRIVATE PARKING, PLAY) PUBLIC RECREATION SPACE PRIVATE RECREATION (3,310 LF GREE) NOTE: PUBLIC RECREATION (3,310 LF GREE) NOTE: PUBLIC RECREATION (3,14 AC X \$9,6) PARKING: REQUIRED: 147 PROVIDED: 147 TOTAL (INCLUTE ROADS & RIGHT-OF-PROVIDED: 147 TOTAL (INCLUTE ROADS & RIGHT-OF-PROVIDED: 147) LINEAR FEET OF PUBLIC RECREATION (1) AREA OF NEW PUBLIC SAN. SEWER PUBLIC SAN. SEWER PUBLIC SIDEWALK: PUBLIC MULTI-USE FORM DRAINAGE PROPOSED BUILDIN	A: 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 171	67 SF (21.65 A) 90 SF (3.93 A) 58 SF (2.60 A) 45 SF (4.04 A) 1TS = 73,500 S 6) E RECREATION AL HOA PROF OVIDED: N SPACE PROF REEN SPACE A JIRED: (147 L) //IDED: USE PATH) X E DEFICIT: DE MUITI-USE P //MENT IN LIEU JINITS X 2.5 SF JINITS	OC) C) C	0.10 AC. LUDING AME (X) = 0.75 AC 5 AC./LOT) = E EASEMENT WISHES TO HOUGHOUT TH ROVIDED IN = 368 SPACE ROADS, MA = 85 SPACES = 379 SPACE III F NT. BEN WILSON 1995 LF	4.20 AC. T) = 1.06 AC HAVE THIS E DEVELO THE AMOU S S IL KIOSK TOTAL 3,371 LF 171,160 S RD. T 4 3 5 3	DEFICIT PMENT. IF INT OF \$30,367 OTAL 450 LF 298 LF 651 LF 447 LF
UNDISTURBED AREA SLOPE> 15%: AREA IN STREAM BL. PRIVATE COMMON CREQUIRED: 500 SF / PROVIDED: (TOTAL) ACTIVE (PUBLIC PASSIVE (NON-RECREATION SPACE) PRIVATE RECREATION SPACE PRIVATE RECREATION (3,310 LF GREE) NOTE: PUBLIC RECREATION (3,310 LF GREE) NOTE: PUBLIC RECREATION (3,310 LF GREE) NOTE: PUBLIC RECREATION (3,14 AC X \$9,6) PARKING: REQUIRED: 147 PROVIDED: 147 TOTAL (INCLUE) ROADS & RIGHT-OF-LINEAR FEET OF PUBLIC RECREATION (1) AREA OF NEW PUBLIC RECREATION (1) AREA OF	A: 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 113,4 171,1 171	67 SF (21.65 A) 90 SF (3.93 A) 58 SF (2.60 A) 45 SF (4.04 A) ITS = 73,500 S 6) E RECREATION AL HOA PROF DVIDED: N SPACE PROP REEN SPACE (147 L) //IDED: USE PATH) X E DEFICIT: DEFINITS X 2.5 SF INITS X 2.5 SF INITS X 2 SP./ Y & 1 GARAG G SPACES ALO (Y CENTER CC. SPACE) PHASE I&II 2,487 LF 119,738 SF SANITARY SE D FOR THIS D E I&II PHA LF 869 LF 879 LF 983 LF 810 LF 808 R-8 CD)	PHASE IN SEVELOPMENT SEVELOPMENT STATES THROUGH SEVELOPMENT STATES SEVELOPMENT	0.10 AC. LUDING AME (X) = 0.75 AC 5 AC./LOT) = E EASEMENT WISHES TO HOUGHOUT TH ROVIDED IN = 368 SPACE ROADS, MA = 85 SPACES = 379 SPACE III FF NT. BEN WILSON 095 LF	4.20 AC. T) = 1.06 AC HAVE THIS IE DEVELO THE AMOU S S IL KIOSK TOTAL 3,371 LF 171,160 S RD. T 4 3 5 3 4	DEFICIT PMENT. IF INT OF \$30,367 OTAL .450 LF .298 LF .651 LF .447 LF

PRELIMINARY PLANS FOR

MEADOWSTONE TOWNHOMES

900 BEN WILSON ROAD MEBANE, NORTH CAROLINA 27302

TRC SUBMITTAL #1 JUNE 8, 2020 TRC SUBMITTAL #2 FEBRUARY 9, 2021 TRC SUBMITTAL #3 MARCH 23, 2021 TRC SUBMITTAL #4 APRIL 27, 2021 TRC SUBMITTAL #5 JUNE 4, 2021 TRC SUBMITTAL #6 JULY 13, 2021 TRC SUBMITTAL #7 JULY 30, 2021

ALAN& ROBIN WILSON AND JOSEPH JR. & JOANNIE WILSON 101 SAM SNEAD DRIVE MEBENE, NC 27302 SAMUEL WILSON, JR. (NADINE WILSON HEIRS

4222 OLD HILLSBOROUGH ROAD

MEBANE, NC 27302

BEN WILSON ROAD, LLC c/o JAMES PARKER, JR. 320 EXECUTIVE COURT HILLSBOROUGH, NC 27278 (919) 732- 3883 (PHONE)

SURVEY CONTACT SUMMIT DESIGN & ENGINEERING SERVICES THOMAS TELLUP, PLS 320 EXECUTIVE COURT HILLSBOROUGH, NC 27278 (919) 732-3883 (PHONE) (919) 732-6676 (FAX) THOMAS.TELLÙP@SUMMITDE.NET

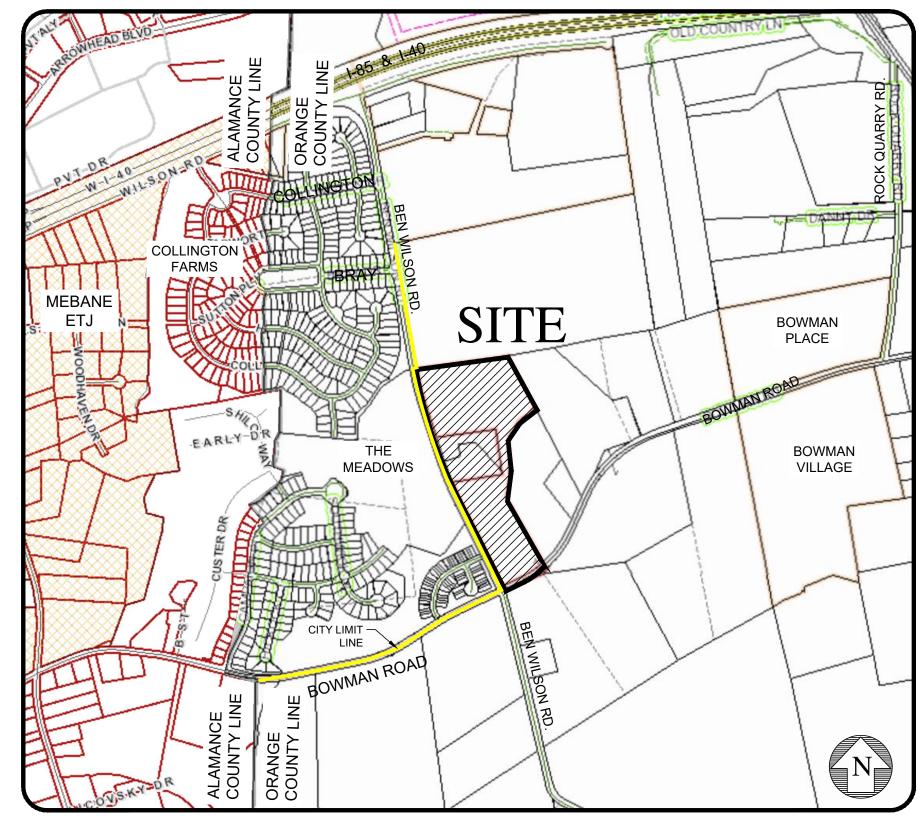
TIMOTHY A. SMITH, PE, PLS 320 EXECUTIVE COURT HILLSBOROUGH, NC 27278 (919) 732-6676 (FAX) TIM.SMITH@SUMMITDE.NET

PUBLIC SERVICE CONTACTS STATE ROADWAYS: NCDOT - DIVISION 7, DISTRICT 1 KYLE SMITH, P.E. CHARLES N. EDWARDS (CHUCK), PE 636 CORRIGIDOR STREET DISTRICT ENGINEER MEBANE, NC 27302 115 E. CRESCENT SQUARE DRIVE (919) 563-3401 GRAHAM, NC 27253 CITY OF MEBANE PUBLIC WORKS DEPT. (336) 570-6833 KYLE SMITH, P.E. 636 CORRIGIDOR STREE CITY OF MEBANE MEBANE, NC 27302 CY STOBER, AICP (919) 563-3401 DEVELOPMENT DIRECTOR 102 S. 5TH STREET CITY OF MEBANE MEBANE, NC 27302 BOB LOUIS, CHIEF (919) 563-9990 450 N. FIRST STREET MEBANE, NC 27302 CITY OF MEBANE PUBLIC WORKS DEPT. (919) 563-5718 106 E. WASHINGTON STREET MEBANE, NC 27302 PSNC ENERGY / DOMINION ENERGY (919) 563-5901 **BRIAN SMITH** 2541 WHILDEN DRIVE WASTE INDUSTRIES DURHAM, NC 27713 703 E. GILBREATH STREET (919) 598-7454 GRAHAM, NC 27253 BRIAN.SMITH@SCANA.COM (336) 229-0525 PIEDMONT ELECTRIC EROSION CONTROL: ORANGE COUNTY PLANNING & INSPECTIONS DEPT. 2500 S. NC 86 STEVE KALTENBACH MEBANE, NC 27302 EROSION CONTROL & STORMWATER OFFICER II (336) 732-2123 131 W. MARGARET LANE HILLSBOROUGH, NC 27278 TELEPHONE: (919) 245-2587 AARON BOYKINS

TRC NOTES:

(336) 508-3237

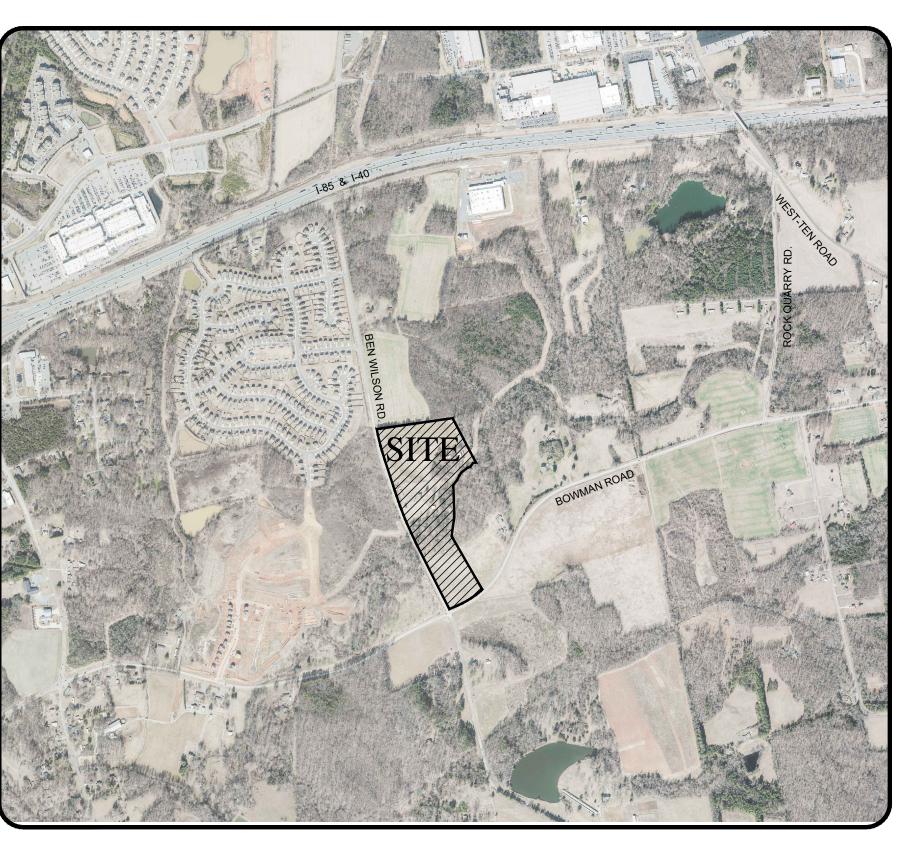
- 1. ALL NEW ROADS WILL BE BUILT TO CITY STANDARDS AND MAINTAINED BY THE CITY OF MEBANE AFTER FINAL ACCEPTANCE.
- 2. THIS SUBDIVISION WILL BE PHASED AS SHOWN ON THE PLANS. THE END OF EACH PHASE SHALL PROVIDE SOME TYPE OF TURNAROUND FOR SERVICE AND EMERGENCY VEHICLES, THAT WILL BE APPROVED BY THE CITY OF MEBANE WITH THE CONSTRUCTION DRAWINGS.
- 3. THIS PROJECT IS SUBJECT TO REZONING AND ANNEXATION BY THE CITY OF MEBANE.
- 4. A TIA HAS BEEN APPROVED BY THE CITY OF MEBANE AND NCDOT.
- 5. TWO ENTRANCE FEATURES SHALL BE PROVIDED AT EACH ENTRANCE INTO THE SITE.
- 6. ANY AMENITY AREA, AND STORMWATER CONTROL MEASURES SHALL BE SCREENED WITH LANDSCAPING AND/OR BERMS. ALSO, THE RECREATION AREA SHALL BE SCREENED FROM THE RESIDENTIAL LOTS WITHIN THE SITE. ALL SCREENING SHALL BE IN ACCORDANCE WITH THE MEBANE UDO AND INCLUDED WITH THE LANDSCAPING PLANS PROVIDED FOR APPROVAL BY THE CITY OF MEBANE. ANY STORMWATER CONTROL MEASURES THAT POND OR HOLD 2 FEET OF WATER SHALL BE FENCED FOR SAFETY.
- 7. MAINTENANCE OF ALL COMMON AREAS WILL BE THE RESPONSIBILITY OF THE HOA FOR THIS SUBDIVISION.
- 8. THE LIMITS OF DISTURBANCE WILL TYPICALLY FOLLOW THE GRADING LIMITS. ALL OPEN SPACES AND UNDISTURBED AREAS WILL BE FENCED OFF ALONG TREE CANOPIES TO PRESERVE EXISTING VEGETATION WHERE SHOWN ON THE PLANS.
- 9. THE SUBDIVISION ROAD NAMES SHOWN HEREON HAVE BEEN APPROVED BY BOTH ALAMANCE COUNTY AND ORANGE COUNTY.
- 10. OPEN SPACE SHALL NOT BE USED FOR FUTURE STRUCTURES EXCEPT FOR INTENDED RECREATIONAL PURPOSES AND IS ACCESSIBLE TO ALL RESIDENTS OF THIS DEVELOPMENT OR GENERAL PUBLIC.
- 11. ALL NOTED PRIVATE COMMON ELEMENTS, INCLUDING BUT NOT LIMITED TO THE PRIVATE RECREATION AMENITIES, ENTRANCE FEATURES, STORMWATER CONTROL MEASURES AND STREET TREES ARE THE RESPONSIBILITY OF THE HOMEOWNERS ASSOCIATION (HOA)
- 12. THE CURRENT PLANS INDICATE PRELIMINARY DRAINAGE EASEMENTS OVER PIPES AND ENGINEERED SWALES. AS PHASED CONSTRUCTION DRAWINGS ARE FINALIZED ALL DRAINAGE WAYS (5 CFS OR MORE) SHALL HAVE A DEDICATED DRAINAGE EASEMENT PER THE CITY OF MEBANE STORM SEWER DESIGN MANUAL WHETHER PIPED OR UN-PIPED.
- 13. THIS PROJECT WILL BE SUBJECT TO THE CITY OF MEBANE REGULATIONS FOR HIGH DENSITY STORMWATER, BUFFER, AND STORM DRAINAGE DESIGN. A FLOOD STUDY WILL BE REQUIRED ALONG WITH A FLOODPLAIN (NON-FEMA) PERMIT.
- 14. A WAIVER IS BEING REQUESTED BY THE DEVELOPER TO PREVENT PROVIDING A STUB ROAD TO THE ADJACENT INDUSTRIAL TRACT.
- 15. STREET LIGHTING AND ASSOCIATED CONDUIT LOCATION WILL BE PROVIDED DURING THE CONSTRUCTION DRAWING APPROVAL PROCESS WHEN DUKE ENERGY CAN PROVIDE THIS INFORMATION.
- 16. ALL OFF-STREET PARKING AREAS THAT ARE ADJACENT TO TOWNHOME LOTS/UNITS SHALL BE SCREENED WITH A TYPE 'B' BUFFER. THE DETAILS OF THE BUFFERS AND PLANTINGS SHALL BE PROVIDED AT THE TIME OF CONSTRUCTION PLAN SUBMITTAL AND REVIEW.



VICINITY MAP

PARCELS

PIN: 9824-43-4841, 9824-43-5147 & 9824-43-5349 PB 79, PG 194 - PB 81, PG 58 - PB 115, PG 86 ZONING: AR (ORANGE COUNTY)

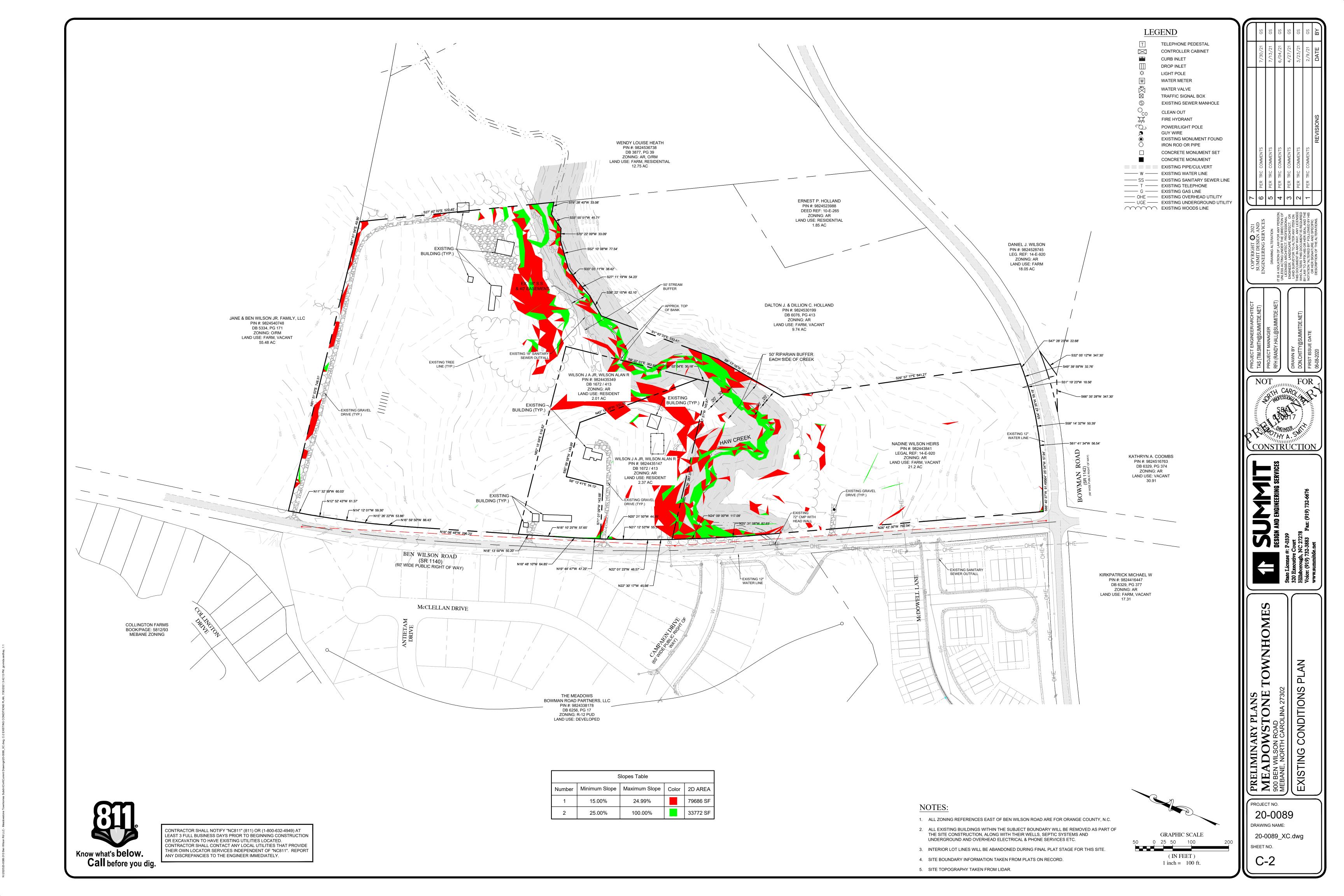


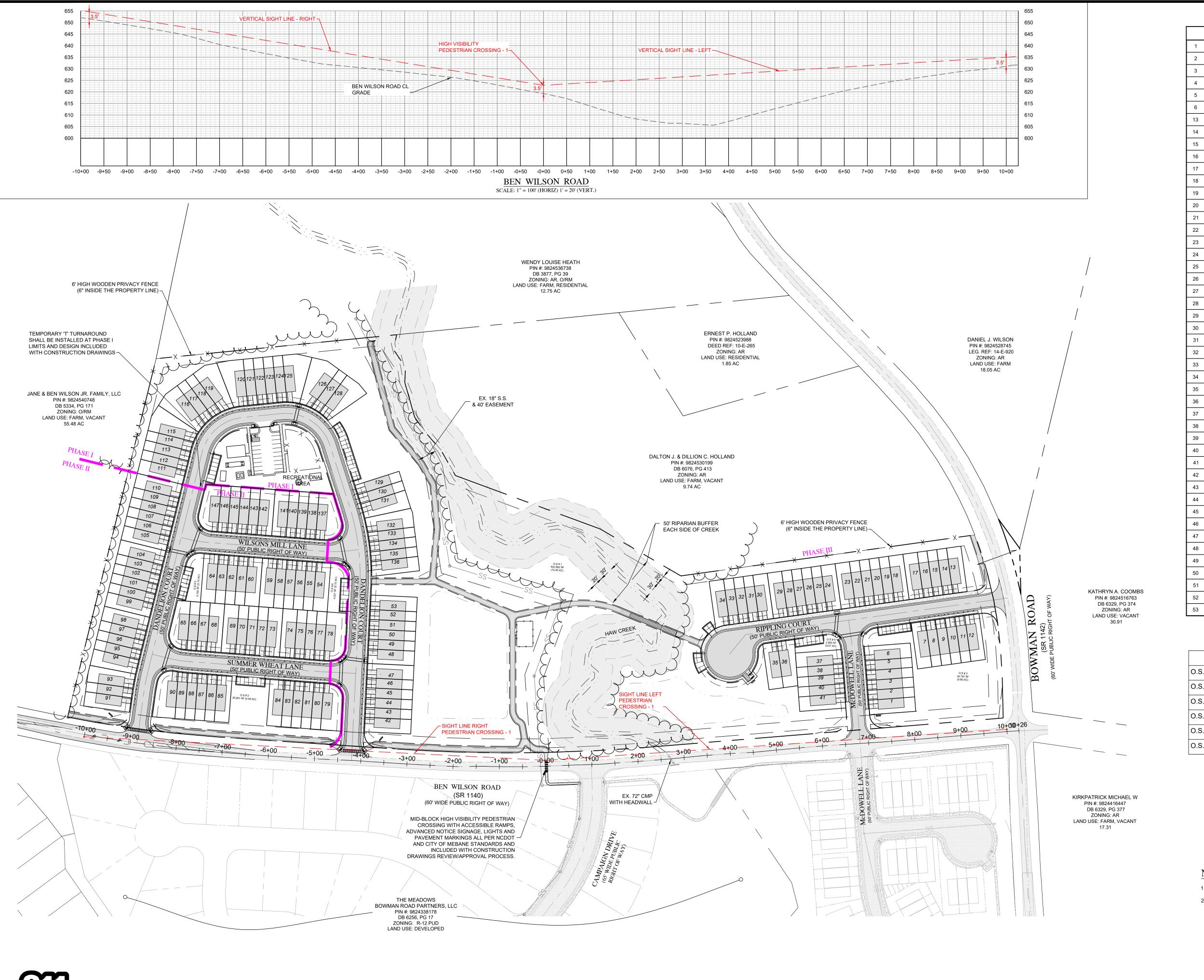
SITE LOCATION MAP

CONS	TRUCTION BU	ILD-OUT SCHEDULE
PHASE	# OF UNITS	APPROX. COMPLETION
I	38	FALL 2022
II	68	FALL 2023
Ш	41	FALL 2024

PROJECT NO. DRAWING NAME:

20-0089_CS.dwg





CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION

OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED.
CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE
THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT

ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

Know what's below.

Call before you dig.

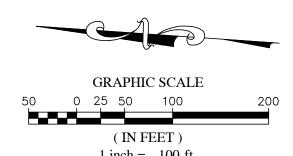
1	3133 SF (0.07 AC)	54	3294 SF (0.08 AC)	101	2133 SF (0.05 AC)
2	2133 SF (0.05 AC)	55	2240 SF (0.05 AC)	102	2133 SF (0.05 AC)
3	2133 SF (0.05 AC)	56	2239 SF (0.05 AC)	103	2133 SF (0.05 AC)
4	2133 SF (0.05 AC)	57	2240 SF (0.05 AC)	104	3133 SF (0.07 AC)
5	2132 SF (0.05 AC)	58	2240 SF (0.05 AC)	105	3133 SF (0.07 AC)
6	3132 SF (0.07 AC)	59	3289 SF (0.08 AC)	106	2133 SF (0.05 AC)
13	3102 SF (0.07 AC)	60	3290 SF (0.08 AC)	107	2133 SF (0.05 AC)
14	2112 SF (0.05 AC)	61	2239 SF (0.05 AC)	108	2133 SF (0.05 AC)
15	2112 SF (0.05 AC)	62	2240 SF (0.05 AC)	109	2133 SF (0.05 AC)
16	2112 SF (0.05 AC)	63	2240 SF (0.05 AC)	110	3133 SF (0.07 AC)
17	3102 SF (0.07 AC)	64	3290 SF (0.08 AC)	111	3133 SF (0.07 AC)
18	3102 SF (0.07 AC)	65	3598 SF (0.08 AC)	112	2133 SF (0.05 AC)
19	2112 SF (0.05 AC)	66	2239 SF (0.05 AC)	113	2133 SF (0.05 AC)
20	2112 SF (0.05 AC)	67	2240 SF (0.05 AC)	114	2141 SF (0.05 AC)
21	2112 SF (0.05 AC)	68	3290 SF (0.08 AC)	115	4296 SF (0.10 AC)
22	2112 SF (0.05 AC)	69	3290 SF (0.08 AC)	116	4328 SF (0.10 AC)
23	3102 SF (0.07 AC)	70	2240 SF (0.05 AC)	117	2146 SF (0.05 AC)
24	3102 SF (0.07 AC)	71	2240 SF (0.05 AC)	118	2146 SF (0.05 AC)
25	2112 SF (0.05 AC)	72	2240 SF (0.05 AC)	119	4462 SF (0.10 AC)
26	2112 SF (0.05 AC)	73	3290 SF (0.08 AC)	120	4401 SF (0.10 AC)
27	2112 SF (0.05 AC)	74	3290 SF (0.08 AC)	121	2133 SF (0.05 AC)
28	2112 SF (0.05 AC)	75	2240 SF (0.05 AC)	122	2133 SF (0.05 AC)
29	3102 SF (0.07 AC)	76	2240 SF (0.05 AC)	123	2133 SF (0.05 AC)
30	3102 SF (0.07 AC)	77	2239 SF (0.05 AC)	124	2137 SF (0.05 AC)
31	2112 SF (0.05 AC)	78	4454 SF (0.10 AC)	125	4735 SF (0.11 AC)
32	2112 SF (0.05 AC)	79	4230 SF (0.10 AC)	126	4758 SF (0.11 AC)
33	2112 SF (0.05 AC)	80	2133 SF (0.05 AC)	127	2146 SF (0.05 AC)
34	3131 SF (0.07 AC)	81	2133 SF (0.05 AC)	128	4186 SF (0.10 AC)
35	3131 SF (0.07 AC)	82	2133 SF (0.05 AC)	129	2133 SF (0.05 AC)
36	3451 SF (0.08 AC)	83	2133 SF (0.05 AC)	130	2133 SF (0.05 AC)
37	3118 SF (0.07 AC)	84	3133 SF (0.07 AC)	131	3641 SF (0.08 AC)
38	2133 SF (0.05 AC)	85	3133 SF (0.07 AC)	132	3713 SF (0.09 AC)
39	2133 SF (0.05 AC)	86	2133 SF (0.05 AC)	133	2141 SF (0.05 AC)
40	2133 SF (0.05 AC)	87	2133 SF (0.05 AC)	134	2135 SF (0.05 AC)
41	3133 SF (0.07 AC)	88	2133 SF (0.05 AC)	135	2143 SF (0.05 AC)
42	3133 SF (0.07 AC)	89	2140 SF (0.05 AC)	136	3208 SF (0.07 AC)
43	2133 SF (0.05 AC)	90	4483 SF (0.10 AC)	137	4598 SF (0.11 AC)
44	2133 SF (0.05 AC)	91	3133 SF (0.07 AC)	138	2133 SF (0.05 AC)
45	2133 SF (0.05 AC)	92	2134 SF (0.05 AC)	139	2133 SF (0.05 AC)
46	2133 SF (0.05 AC)	93	3389 SF (0.08 AC)	140	2133 SF (0.05 AC)
47	3133 SF (0.07 AC)	94	3371 SF (0.08 AC)	141	3133 SF (0.07 AC)
48	3133 SF (0.07 AC)	95	2133 SF (0.05 AC)	142	3133 SF (0.07 AC)
49	2133 SF (0.05 AC)	96	2133 SF (0.05 AC)	143	2133 SF (0.05 AC)
50	2133 SF (0.05 AC)	97	2133 SF (0.05 AC)	144	2133 SF (0.05 AC)
\vdash	2133 SF (0.05 AC)	98	3133 SF (0.07 AC)	145	2133 SF (0.05 AC)
51			ı		
51 52	2133 SF (0.05 AC)	99	3133 SF (0.07 AC)	146	2133 SF (0.05 AC)

LOT TABLE

OPEN SPACE TABLE		ECREATION AREA
6. 1 452,962 SF (10.40 AC)		0,576 SF (0.70 AC)
20,801 SF (0.48 AC)		
34,797 SF (0.80 AC)		RIGHT AWAY
2,993 SF (0.07 AC)	PH I&II	119,738 SF (2.75 AC)
4,191 SF (0.10 AC)	PH III	51,422 SF (1.18 AC)
4,221 SF (0.10 AC)		
	452,962 SF (10.40 AC) 20,801 SF (0.48 AC) 34,797 SF (0.80 AC) 2,993 SF (0.07 AC) 4,191 SF (0.10 AC)	452,962 SF (10.40 AC) 30 20,801 SF (0.48 AC) 34,797 SF (0.80 AC) 2,993 SF (0.07 AC) PH I&II 4,191 SF (0.10 AC) PH III

NOTES:

- 1. MAIL KIOSKS SHALL BE SCREENED FROM ADJOINING PROPERTIES.
- CANOPY TREES SHALL BE REPLACED FROM WITH UNDERSTORY TREES UNDER EXISTING OVERHEAD POWER LINES AS REQUIRED.



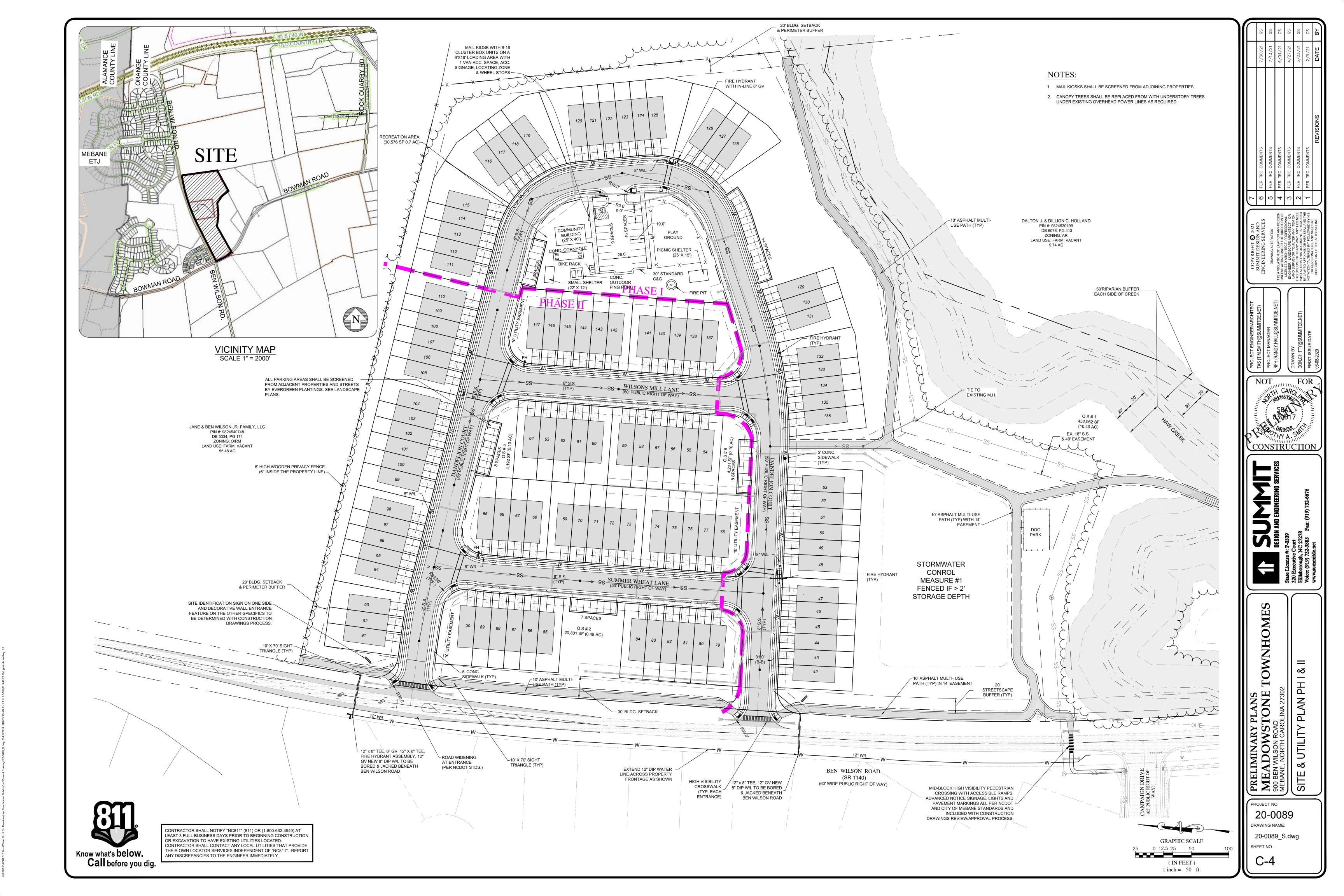
_		
	GRAPHIC SCALE	
50	0 25 50 100	200
	(IN FEET) 1 inch = 100 ft.	

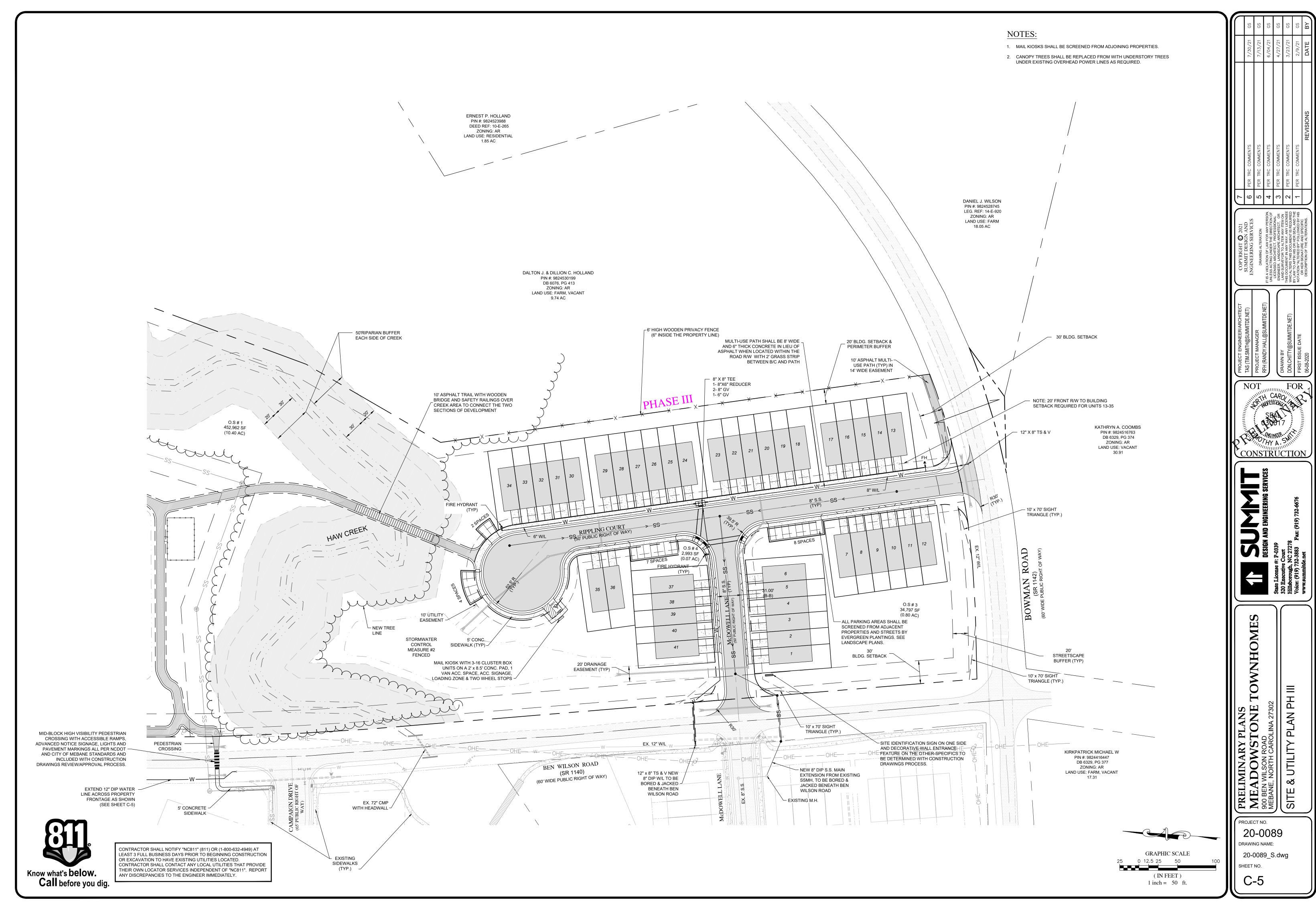
PROJECT NO. 20-0089

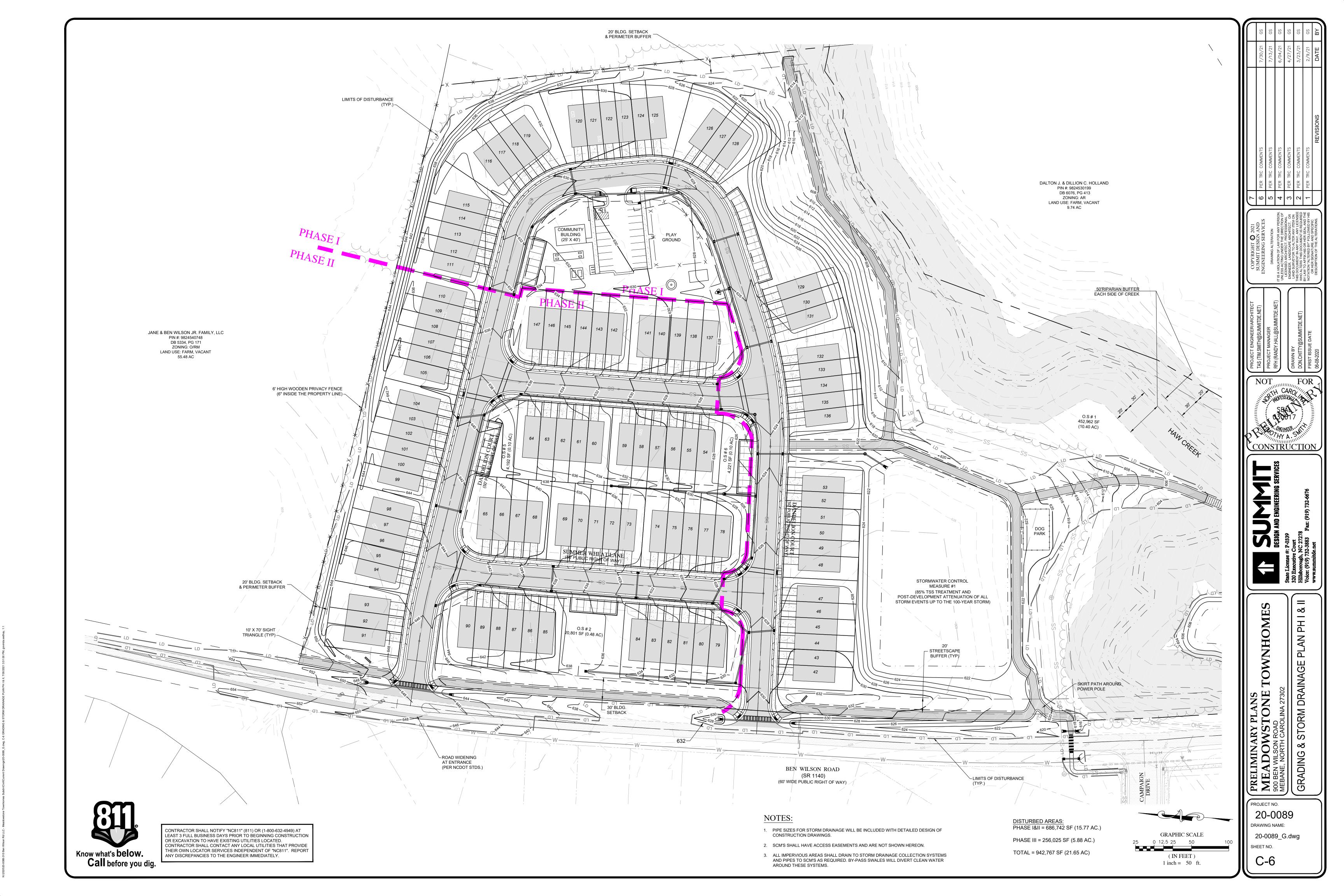
CONSTRUCTION

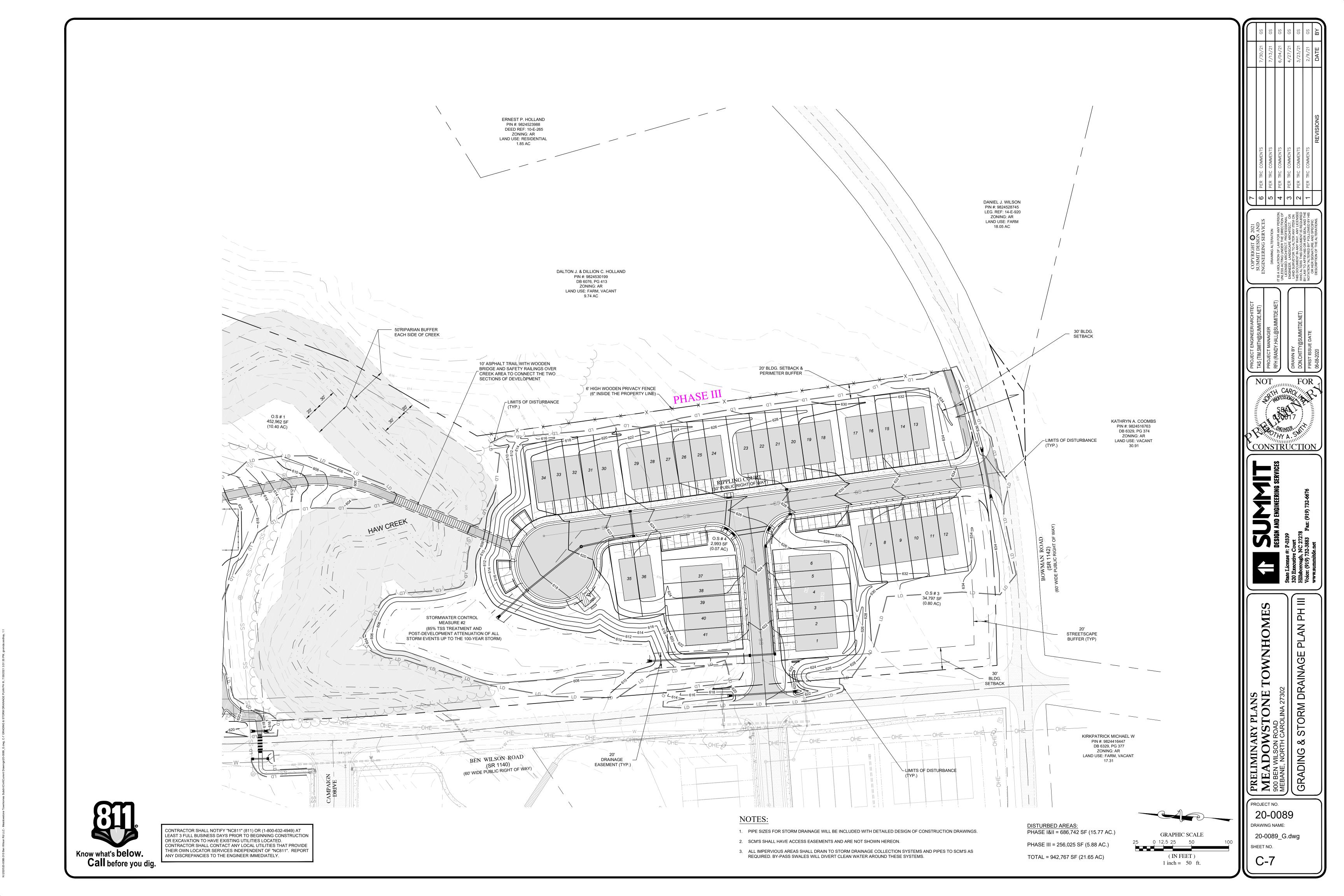
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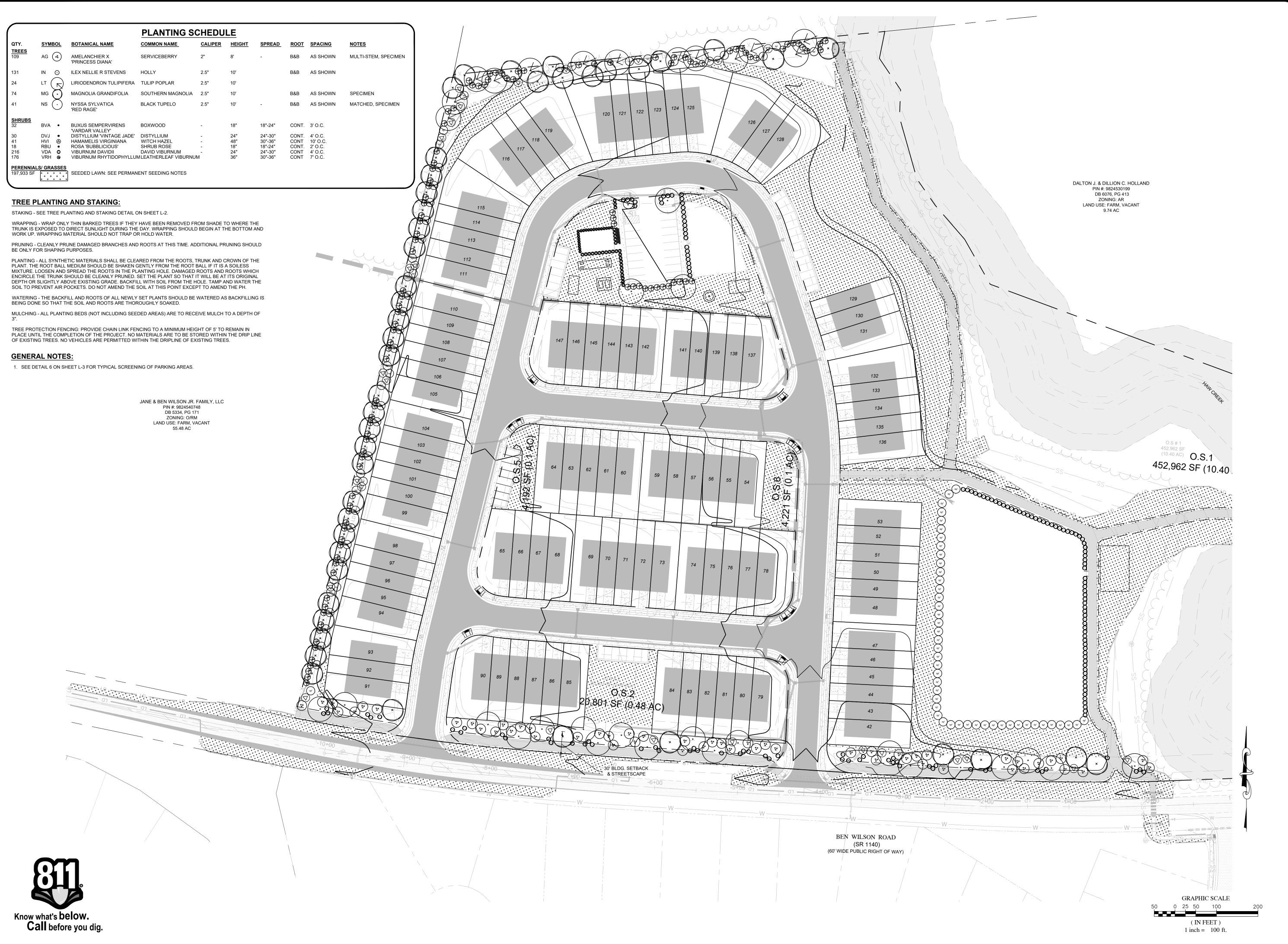
SHEET NO.











CONSTRUCTION

PROJECT NO. 20-0089

DRAWING NAME: 20-0089_LS.dwg

SHEET NO.

TREE PLANTING AND STAKING:

STAKING - SEE TREE PLANTING AND STAKING DETAIL ON SHEET L-2.

WRAPPING - WRAP ONLY THIN BARKED TREES IF THEY HAVE BEEN REMOVED FROM SHADE TO WHERE THE TRUNK IS EXPOSED TO DIRECT SUNLIGHT DURING THE DAY. WRAPPING SHOULD BEGIN AT THE BOTTOM AND WORK UP. WRAPPING MATERIAL SHOULD NOT TRAP OR HOLD WATER.

PRUNING - CLEANLY PRUNE DAMAGED BRANCHES AND ROOTS AT THIS TIME. ADDITIONAL PRUNING SHOULD BE ONLY FOR SHAPING PURPOSES.

PLANTING - ALL SYNTHETIC MATERIALS SHALL BE CLEARED FROM THE ROOTS, TRUNK AND CROWN OF THE PLANT. THE ROOT BALL MEDIUM SHOULD BE SHAKEN GENTLY FROM THE ROOT BALL IF IT IS A SOILESS MIXTURE. LOOSEN AND SPREAD THE ROOTS IN THE PLANTING HOLE. DAMAGED ROOTS AND ROOTS WHICH ENCIRCLE THE TRUNK SHOULD BE CLEANLY PRUNED. SET THE PLANT SO THAT IT WILL BE AT ITS ORIGINAL DEPTH OR SLIGHTLY ABOVE EXISTING GRADE. BACKFILL WITH SOIL FROM THE HOLE. TAMP AND WATER THE SOIL TO PREVENT AIR POCKETS. DO NOT AMEND THE SOIL AT THIS POINT EXCEPT TO AMEND THE PH.

WATERING - THE BACKFILL AND ROOTS OF ALL NEWLY SET PLANTS SHOULD BE WATERED AS BACKFILLING IS BEING DONE SO THAT THE SOIL AND ROOTS ARE THOROUGHLY SOAKED.

MULCHING - ALL PLANTING BEDS (NOT INCLUDING SEEDED AREAS) ARE TO RECEIVE MULCH TO A DEPTH OF

TREE PROTECTION FENCING: PROVIDE CHAIN LINK FENCING TO A MINIMUM HEIGHT OF 5' TO REMAIN IN PLACE UNTIL THE COMPLETION OF THE PROJECT. NO MATERIALS ARE TO BE STORED WITHIN THE DRIP LINE OF EXISTING TREES. NO VEHICLES ARE PERMITTED WITHIN THE DRIPLINE OF EXISTING TREES.

GENERAL NOTES:

SEE DETAIL 6 ON SHEET L-3 FOR TYPICAL SCREENING OF PARKING AREAS.

LANDSCAPING REQUIREMENTS:

TYPE B SEMI-OPAQUE BUFFER:

SEMI-OPAQUE SCREEN FROM GROUND TO HEIGHT OF AT LEAST 6'.

DECIDIOUS OR EVERGREEN TREES TO REACH MINIMUM HEIGHT OF 40' AT MATURI'

MAXIMUM SPACING 20' BETWEEN TREES AND 5'-8' BETWEEN SHRUBS.

- DECIDUOUS OR EVERGREEN TREES TO REACH MINIMUM HEIGHT OF 40' AT MATURITY; INSTALLED AT 2.5" CALIPER AND 10' HEIGHT.
 AT LEAST 75% OF THE REQUIRED SHRUBS SHALL BE EVERGREENS ADAPTED TO THE AREA.
- ONE CANOPY TREE PER 20 LINEAR FEET OF BUFFER (1997 = 100 REQUIRED)
 2,814 LINEAR FEET OF BUFFER REQUIRED ALONG PROPERTY LINE. NOTE, 817 LINEAR FEET ARE WITHIN THE STREAM BUFFER AND HAVE EXISTING VEGETATION. THE EXISTING VEGETATION WILL BE MAINTAINED AND WILL ONLY BE SUPPLEMENTED IF NECESSARY. VEGETATION WILL BE PLANTED ALONG THE REMAINING 1,997 LINEAR FEET OF BUFFER.

PROVIDED -

CANOPY TREES - 100 SHRUBS - 190 (85% EVERGREEN)

STREETSCAPE LANDSCAPING:

- ONE CANOPY TREE FOR EVERY 40 LINEAR FEET OF STREETSCAPE. $(\frac{2120}{40}$ = 53 REQUIRED)
- ONE UNDERSTORY FOR EVERY 20 LINEAR FEET OF STREETSCAPE. (²¹²⁰/₂₀ = 106 REQUIRED)
 SHRUBS SHALL BE PLANTED TO MEET THE INTENT OF THE STREETSCAPE.
- -- 2,401 LINEAR FEET OF STREETSCAPE REQUIRED. NOTE, 281 FEET OF THE STREETSCAPE IS WITHIN THE STREAM BUFFER AND HAS EXISTING VEGETATION. THE PROJECT WILL MAINTAIN THE EXISTING VEGETATION AND ONLY SUPPLEMENT THAT AREA IF NECESSARY. VEGETATION WILL BE PLANTED ALONG THE REMAINING 2,120 LINEAR FEET OF STREETSCAPE.

PROVIDED -CANOPY TREES - 53 UNDERSTORY TREES - 106

SHRUBS - 139

STORMWATER CONTROL POND SCREENING:

- STORMWATER DEVICES MUST BE SCREENED WITH EVERGREEN PLANTING.

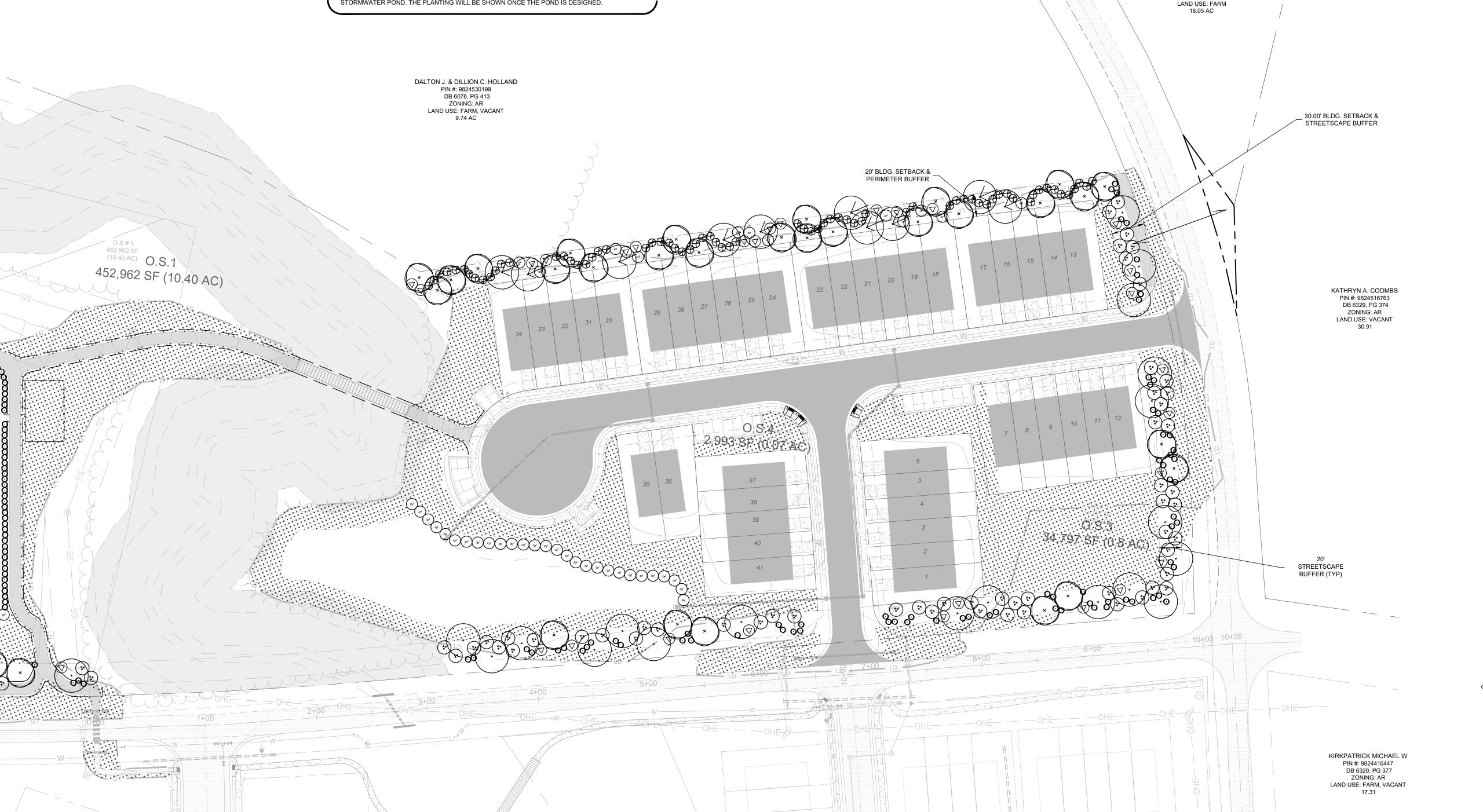
PROVIDED - A SCREEN OF EVERGREEN SHRUBS WILL BE PROVIDED AROUND THE PROPOSED STORMWATER POND. THE PLANTING WILL BE SHOWN ONCE THE POND IS DESIGNED.

			PLANTING SCHEDULE						
QTY.	SYMBOL	BOTANICAL NAME	COMMON NAME	CALIPER	<u>HEIGHT</u>	SPREAD	ROOT	SPACING	NOTES
TREES 109	AG 🚓	AMELANCHIER X 'PRINCESS DIANA'	SERVICEBERRY	2"	8'	-	B&B	AS SHOWN	MULTI-STEM, SPECIMEN
128	IN ©	ILEX NELLIE R STEVENS	HOLLY	2.5"	10'		B&B	AS SHOWN	
24	LT (N	LIRIODENDRON TULIPIFERA	TULIP POPLAR	2.5"	10'				
74	MG (·)	MAGNOLIA GRANDIFOLIA	SOUTHERN MAGNOLIA	2.5"	10'		В&В	AS SHOWN	SPECIMEN
41	NS \odot	NYSSA SYLVATICA 'RED RAGE'	BLACK TUPELO	2.5"	10'	-	B&B	AS SHOWN	MATCHED, SPECIMEN
SHRUBS 22	BVA ◆	BUXUS SEMPERVIRENS 'VARDAR VALLEY'	BOXWOOD	-	18"	18"-24"	CONT.	3' O.C.	
30 41	DVJ ● HVI ຝ	DISTYLLIUM 'VINTAGE JADE' HAMAMELIS VIRGINIANA	DISTYLLIUM WITCH HAZEL	-	24" 48"	24"-30" 30"-36"	CONT.	4' O.C. 10' O.C.	
18 213	RBU • VDA •	ROSA 'BUBBLICIOUS' VIBURNUM DAVIDII	SHRUB ROSE DAVID VIBURNUM	- -	18" 24"	18"-24" 24"-30"	CONT.	2' O.C. 4' O.C.	
	176 VRH VIBURNUM RHYTIDOPHYLLUMLEATHERLEAF VIBURNUM 36" 30"-36" CONT 7' O.C. PERENNIALS/ GRASSES 197,933 SF + + + + + + + + + + + + + + + + + +								

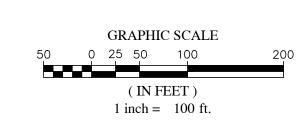
DANIEL J. WILSON

PIN #: 9824528745 LEG. REF: 14-E-920

ZONING: AR







TRC COMMENTS
TRC C

ENGINEEKING SEKVICES

DRAWING ALTERATION

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS ACTING UNDER THE DIRECTION OF
LICENSED ARCHITECT, PROFESSIONAL
ENGINEER, LANDSCAPE ARCHITECT, OR
LAND SURVEYOR TO ALTER ANY TIEM ON
THIS DOCUMENT IN ANY WAY. ANY LICENSEE
WHO ALTERS THIS DOCUMENT IS REQUIRED
BY LAW TO AFFIX HIS OR HER SEAL AND THE
NOTATION "ALTERED BY" FOLLOWED BY HIS
OR HER SIGNATURE AND SPECIFIC
DESCRIPTION OF THE ALTERATIONS.

PROJECT MANAGER
RFH (RANDY.HALL@SUMMITDE.NET)
DRAWN BY
DON.CHITTY@SUMMITDE.NET)

TOT FOR

DESIGN AND ENGINEERING SERVICES
#: P-0339
COURT
NC 27278
32-3883 Fax: (919) 732-6676
Se.net

State License #: P-0339
320 Executive Court
Hillsborough, NC 27278
Voice: (919) 732-3883 Fax: (91

ONE TOWNHOMES

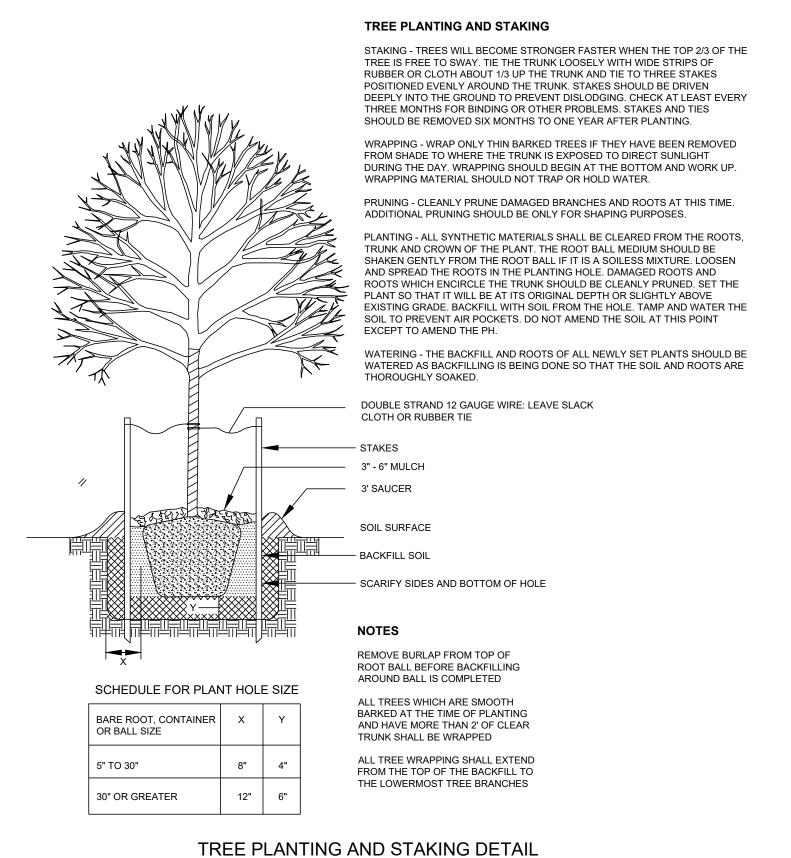
MEADOWSTONE TC
300 BEN WILSON ROAD
AEBANE, NORTH CAROLINA 27302

PROJECT NO. 20-0089

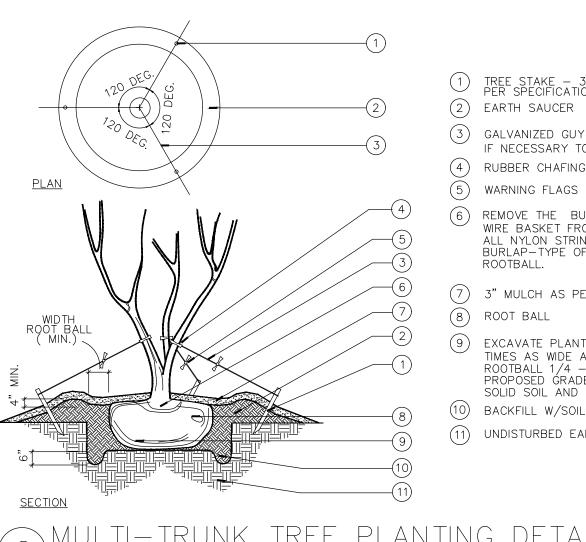
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20-0089_LS.dwg
SHEET NO.

L-2



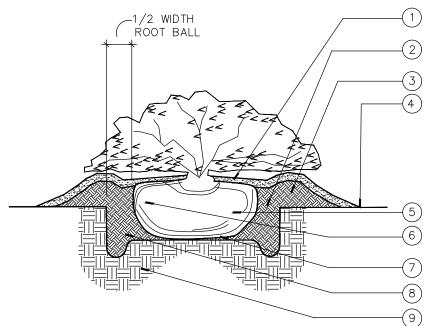
TREE PLANTING & STAKING DETAIL





- (3) GALVANIZED GUY WIRE, ADD TURNBUCKLES IF NECESSARY TO STABILIZE TREE (4) RUBBER CHAFING GUARD
- 6 REMOVE THE BURLAP, BURLAP TIES AND WIRE BASKET FROM TOP 1/3 OF ROOTBALL. REMOVE ALL NYLON STRINGS, PLASTIC LINERS AND SYNTHETIC BURLAP-TYPE OF MATERIALS FROM THE ENTIRE
- (7) 3" MULCH AS PER SPECIFICATIONS
- ROOT BALL (9) EXCAVATE PLANTING PIT TWO TO THREE
- TIMES AS WIDE AS THE ROOTBALL, INSTALL ROOTBALL 1/4 1/3 ABOVE EXISTING / PROPOSED GRADE. LOCATE ROOTBALL ON SOLID SOIL AND NOT LOOSE BACKFILL. (10) BACKFILL W/SOIL AS PER SPECIFICATIONS
- (11) UNDISTURBED EARTH
- MULTI-TRUNK TREE PLANTING DETAIL

 SCALE: N.T.S.



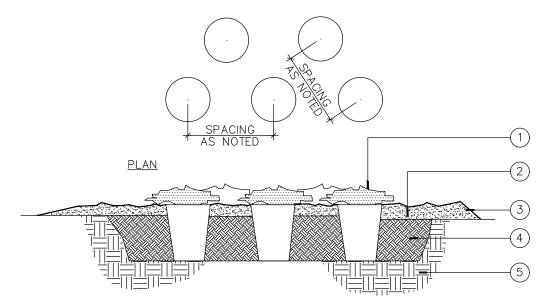
(1) 2" MULCH LAYER BACKFILL W/SOIL AS PER SPECIFICATIONS. MAKE PLANTING MIX CONTINUOUS IN CLUSTER BED PLANTINGS. (3) 3" HIGH EARTH SAUCER "SHOVEL EDGE" TYP. WHERE BED MEETS LAWN. (REF. DET. 5 THIS SHEET) (5) ROOT BALL (6) REMOVE THE BURLAP, BURLAP TIES AND WIRE BASKET FROM TOP 1/3 OF ROOTBALL. REMOVE ALL NYLON STRINGS, PLASTIC LINERS AND SYNTHETIC BURLAP—TYPE OF MATERIALS FROM THE ENTIRE

ROOTBALL.

7 SCARIFY ROOTBALL AND BOTTOM / SIDES OF PLANT PIT

(8) EXCAVATE PLANTING PIT TWO TO THREE TIMES AS WIDE AS THE ROOTBALL, INSTALL ROOTBALL 1/4 - 1/3 ABOVE EXISTING / PROPOSED GRADE. LOCATE ROOTBALL ON SOLID SOIL AND NOT LOOSE BACKFILL. (9) UNDISTURBED EARTH

HRUB PLANTING DETAIL

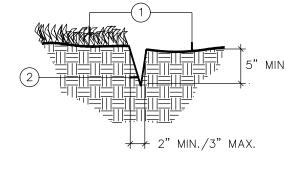


(1) GROUNDCOVER

- (2) 2" MULCH LAYER
- 3 "SHOVEL EDGE" TYP WHERE BEDS MEET 4 BACKFILL W/SOIL AS PER SPECIFICATIONS

(5) UNDISTURBED EARTH

GROUNDCOVER PLANTING DETAIL SCALE: N.T.S.



1) DIFFERENT PLANTING TREATMENTS. 2) SHOVEL EDGE

GENERAL NOTES A. PROVIDE SMOOTH CONTINUOUS EDGE AS SHOWN. DIG EDGE WITH COMMON SPADE OR STRAIGHT BLADE SHOVEL.

SHOVEL EDGE DETAIL

LANDSCAPE NOTES:

1. ALL EXISTING VEGETATION ON THIS SITE, WITH THE EXCEPTION OF THE SPECIES NOTED, SHALL BE REMOVED PRIOR TO ANY INSTALLATION OF NEW PLANTING MATERIAL.

2. CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES

3. ANY AREAS NOT SCHEDULED FOR HARDSCAPE, PLANTINGS, OR SHREDDED HARDWOOD MULCH SHALL BE SEEDED LAWN.

4. CONTRACTOR SHALL AMEND ALL PROPOSED PLANT BEDS WITH SOIL CONDITIONER. SOIL CONDITIONER SHALL BE APPLICABLE TO THE GEOGRAPHIC AREA OF INSTALLATION PER THE MANUFACTURER'S SPECIFICATIONS.

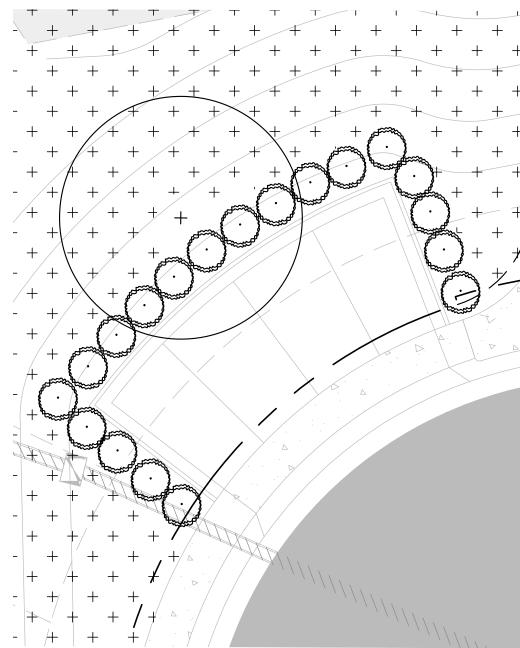
5. CONTRACTOR SHALL LIMIT DISTURBANCE WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN. NO STORAGE OF ANY MATERIALS IS PERMITTED WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN.

6. CONTRACTOR TO PROVIDE ANNUALS WHICH ARE APPROPRIATE FOR THE PLANTING SEASON AT THE TIME OF INSTALLATION.

7. OWNER RESERVES THE RIGHT TO REJECT ANY DAMAGED OR DYING PLANT MATERIALS. CONTRACTOR SHALL REPLACED SAID PLANTING MATERIALS WITH NO ADDITIONAL COST TO THE OWNER. 8. THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.

9. NO PLANT SUBSTITUTIONS ARE PERMITTED WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.

10. ALL PROPOSED PLANT MATERIALS SHALL COMPLY WITH THE SIZING AND GRADING STANDARDS AS SET FORTH IN THE CURRENT EDITION OF ANSI Z60.180-'AMERICAN STANDARD FOR NURSERY STOCK'.



6 PARKING - TYPICAL SCREEN PLANTING DETAIL scale: N.T.S.

PARKING SCREENING NOTES:

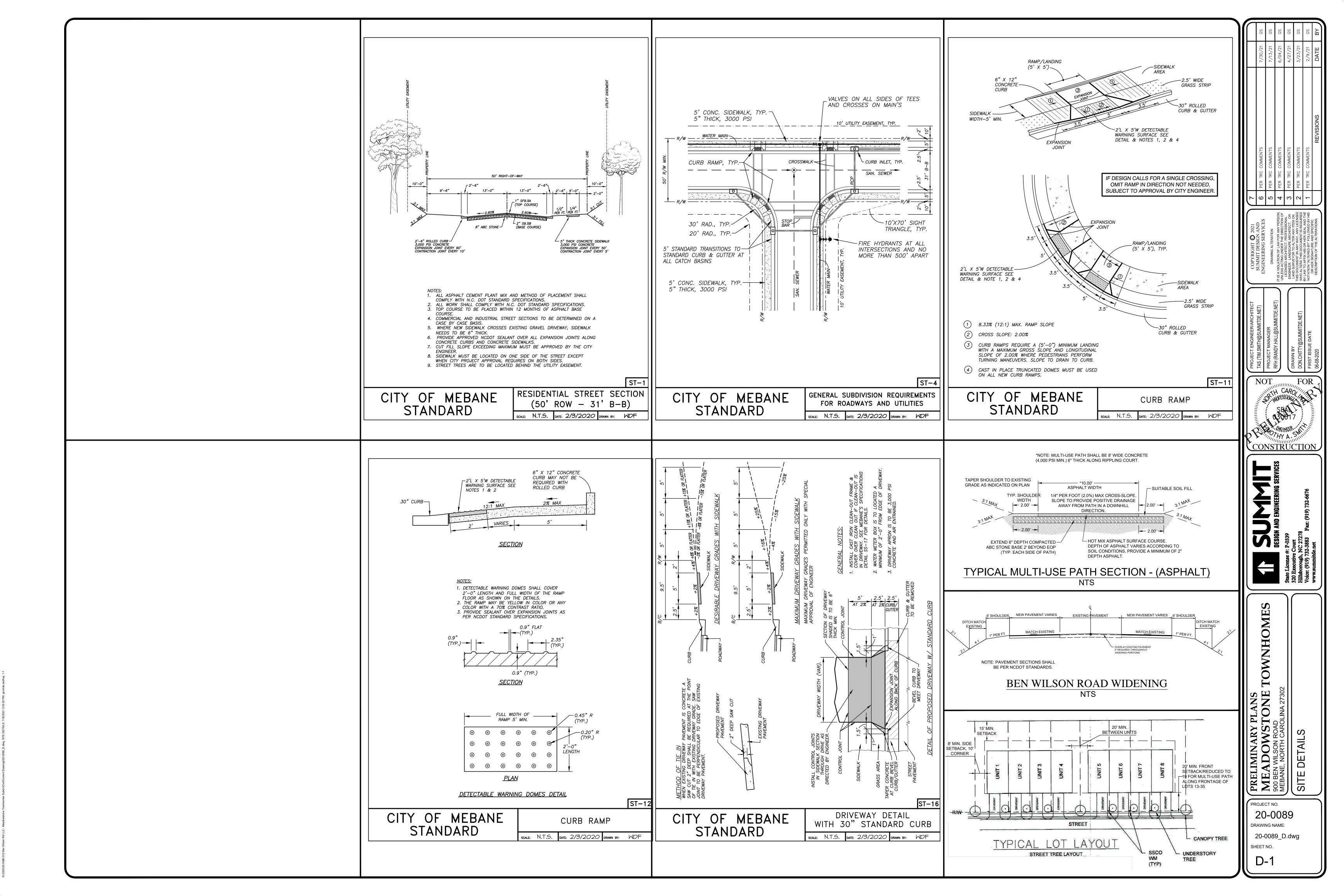
1. ALL PARKING AREAS WILL BE SCREENED FROM ADJACENT PROPERTIES AND STREETS BY EVERGREEN SHRUBS, PER UDO SECTION 6.3 2 (b). 2. ALL PARKING SPACES WILL BE LOCATED WITHIN 60' OF A CANOPY TREE TRUNK, PER UDO SECTION 6.3 2 (a).

CONSTRUCTION

PROJECT NO. 20-0089

DRAWING NAME: 20-0089_LS.dwg SHEET NO.





PLANNING PROJECT REPORT

DATE

PROJECT NUMBER

RZ 21-09

PROJECT NAME

Meadowstone Townhomes

Ben Wilson Road, LLC

APPLICANT

320 Executive Court

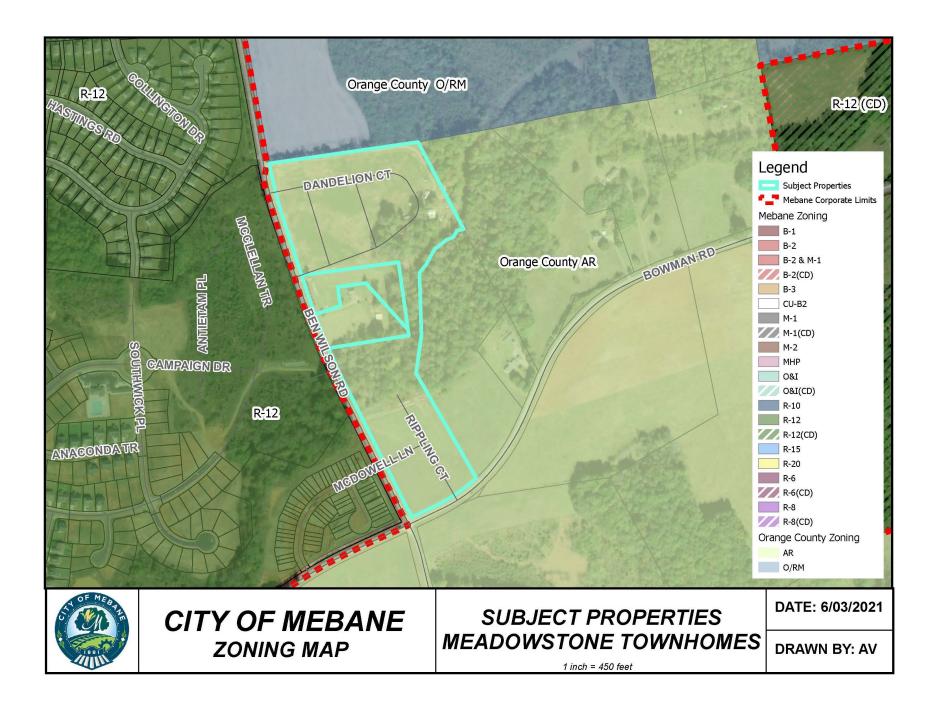
Hillsborough, NC 27278

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LAND USE REPORT	PAGE 4
UTILITIES REPORT	PAGE 6
STAFF ZONING REQUEST RECOMMENDATION	PAGE 9

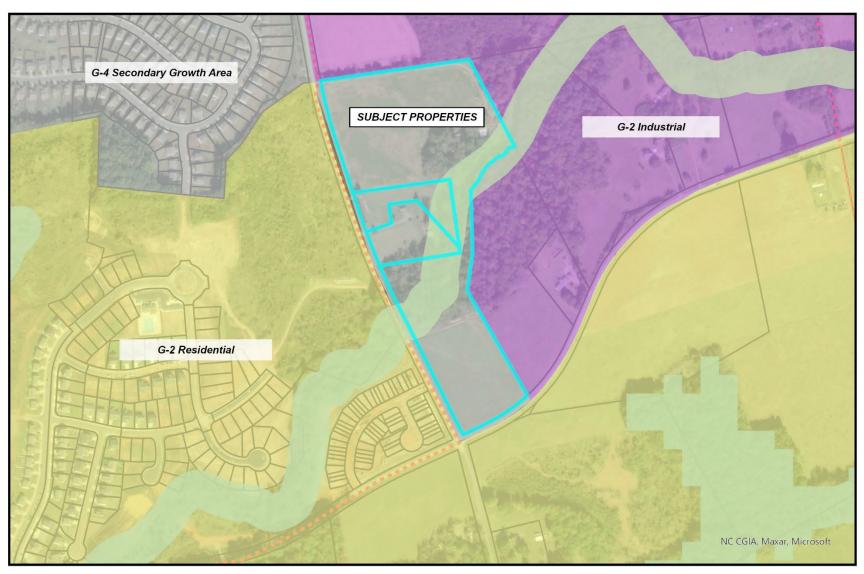
ZONING REPORT

201111011210111					
EXISTING ZONE	AR (Agricultural Residential) – Orange	County			
REQUESTED ACTION	R-8(CD) (Residential Conditional Zonin	g Districts)			
CONDITIONAL ZONE?	⊠YES □NO				
CURRENT LAND USE	Single-Family Residential, Vacant Farm	١			
PARCEL SIZE	+/- 25.58 acres				
PROPERTY OWNERS	J A Wilson Jr. Alan R. Wilson 101 Sam Snead Drive Mebane, NC 27302 PIN 9824435349 & 9824435147	Nadine Wilson Heirs 4222 Old Hillsborough Road Mebane, NC 27302 PIN 9824434841			
The applicant requests to establish R-8(CD) zoning on three (3) properties totaling 25.58 acres at 900, 1002 & 1010 Ben Wilson Road Located Outside of the Extra- LEGAL DESCRIPTION Territorial Jurisdiction (ETJ) in Orange County to allow for a residential developm of 147 townhomes. The property will require annexation into the City limits prior action regarding the properties' zoning.					
AREA ZONING & DISTRICTS	The properties to the west and northwest of the site are located in Mebane's jurisdiction and zoned R-12 for both townhomes and detached-single family residential use. The adjacent property to the north is zoned O/RM (Office/Research and Manufacturing) in Orange County. The properties surrounding the site to the east and south are zoned AR (Agricultural Residential) in Orange County.				
SITE HISTORY	The largest of the properties has a present use tax value reflecting its status as a bona fide farm. The other two properties have been rural residential properties.				
	STAFF ANALYSIS				
CITY LIMITS?	□YES ⊠NO				
PROPOSED USE BY-RIGHT?	□YES ⊠NO				
SPECIAL USE?	□YES ⊠NO				
EXISTING UTILITIES?	⊠YES □NO				
POTENTIAL IMPACT OF PROPOSED ZONE	The proposed zoning district will support townhome residential uses consistent and in connection with the R-12 Planned Unit Development to the west of the site. The higher-density nature of townhomes is different in character to the surrounding agricultural residential uses to the south and east, though consistent with the single-family residential use in the area. The by-right development of the O/RM-zoned property to the north will require additional perimeter buffering of this residential use from an office or light manufacturing use.				



LAND USE REPORT

EXISTING LAND USE	Single-Family Residential, Vacant, Agricultural
PROPOSED LAND USE & REQUESTED ACTION	The applicant proposes to establish R-8 CD zoning (Residential Conditional Zoning District) on three (3) properties totaling +/- 25.58 acres at 900, 1002 & 1010 Ben Wilson Road Located Outside of the Extra-Territorial Jurisdiction (ETJ) in Orange County to allow for a residential development of 162 townhomes.
PROPOSED ZONING	R-8(CD) (Residential, Conditional Zoning District)
PARCEL SIZE	+/- 25.58 acres
AREA LAND USE	Surrounding properties primarily include residential and agricultural uses and vacant land. The properties to the west of the site include two single family residential subdivisions: The Meadows and Collington Farms. The properties to the north, east, and south include farmland and low density single family residential uses.
ONSITE AMENITIES & DEDICATIONS	The applicant proposes to provide +/- 3,446 linear feet of a variable 8'-10'-wide asphalt and concrete multiuse path through the development and along the frontage of the northern portion of the site on Ben Wilson Road. The applicant is also proposing to provide an amenity center, dog park, playground, and greenspace to exclusively serve development residents to be maintained by the HOA. In total, the site plan features 1.7 acres of active recreation space and 10.44 acres of passive HOA owned open space.
WAIVER REQUESTED	⊠YES □NO
DESCRIPTION OF REQUESTED WAIVER(S)	 20' front setback rather than the required 30' 15' rear setback rather than the required 20' 8' side yard rather than the required 15' Lot area and width as shown
CONS	ISTENCY WITH <i>MEBANE BY DESIGN</i> STRATEGY
LAND USE GROWTH STRATEGY DESIGNATION(S)	G-4 Secondary Growth Area Conservation Area
MEBANE BY DESIGN GOALS & OBJECTIVES SUPPORTED	OPEN SPACE AND NATURAL RESOURCE PROTECTION 4.2 Provide greenways, parks and open space connectivity between different land uses and across major transportation corridors, thereby advancing safety and health.
	OPEN SPACE AND NATURAL RESOURCE PROTECTION 4.3 Support park, greenway, and open space expansion in developed and developing areas, prioritizing connectivity between each location.
MEBANE BY DESIGN GOALS & OBJECTIVES NOT SUPPORTED	



1 inch = 450 feet

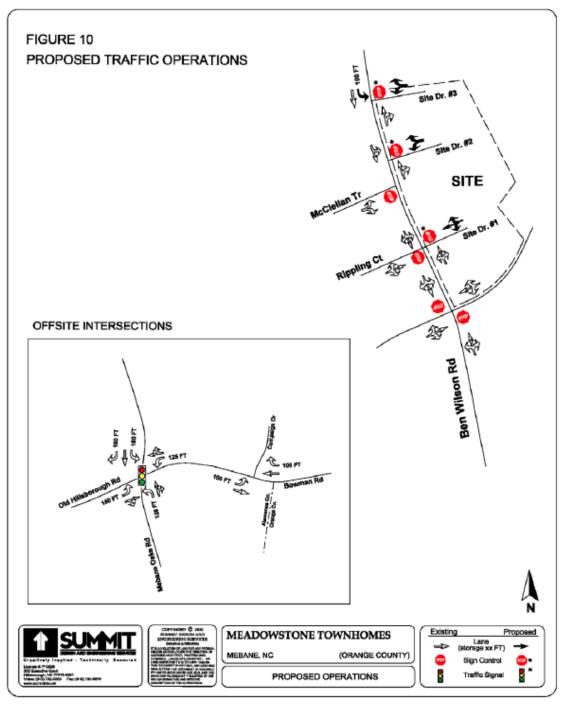
UTILITIES REPORT

OTILITIES INCI OINT					
AVAILABLE UTILITIES	⊠YES □NO				
PROPOSED UTILITY NEEDS	Per the memorandum from Franz Holt of AWCK, the project has an estimated domestic water and sewer demand at approximately 22,050 gallons per day to support the development's 147 3-bedroom, townhomes. Water service is available to Phase 3 from 12-inch water mains recently installed along Ben Wilson and Bowman Road associated with the Meadows and Bowman Village developments. A 12-inch water line extension from the intersection of Campaign Drive at Ben Wilson Road will be required along Ben Wilson Road heading north to serve Phases 1 & 2. The water system layout includes 8-inch and 6-inch water lines. Sewer service is available on-site with connection to the City's existing 18-inch sanitary sewer outfall. Phases 1 and 2 propose to connect to this sewer line. Phase 3 is proposed to connect to previous sewer installation associated with the Meadows Phase 2B. The sewer system layout includes 8-inch line extensions. All water and sewer lines will be turned over to the City of Mebane for ownership and maintenance when completed in accordance with requirements.				
UTILITIES PROVIDED BY APPLICANT	Applicant has pledged to provide all on-site utilities.				
MUNICIPAL CAPACITY TO ABSORB PROJECT	The City has adequate water & sewer supply to meet the domestic and fire flow demands of the project. The City has available sewer capacity at the WRRF in excess of 0.72 million gallons per day (MGD) and approximately 0.73 MGD at the Graham WWTP for a total of 1.45 MGD. This proposed project and other previously approved/permitted projects will reduce available capacity as they develop over time. The City's Capital Improvement Plan addresses the need for additional sewer capacity at the WRRF.				
CONSISTENCY WITH MEBANE LONG RANGE UTILITY PLAN?	⊠YES □NO				
ADEQUATE STORMWATER CONTROL?	⊠YES □NO				
INNOVATIVE STORMWATER MANAGEMENT?	□YES ⊠NO				

	TRANSPORTATION NETTAKORY STATUS
CURRENT CONDITIONS	TRANSPORTATION NETWORK STATUS The proposed development includes four driveway connections. The northern portion of the site has two connections on Ben Wilson Rd., one of which features a left turn lane with 100' of storage. The southern portion of the site has a connection on Bowman Rd and a connection on Ben Wilson Road at McDowell Ln, which connects to the townhomes at the Meadows subdivision. The intersection of Ben Wilson Road and Bowman Road has a Level of Service (LOS) A. It is projected to have an LOS B in 2023 with build and no build conditions.
	Bowman Road has Safety Score of 77.8 from NCDOT. No safety data is available for Ben Wilson Road. The intersection of Ben Wilson Rd and Bowman Road has had 5 crashes 2015 – 2019 (non-fatal).
TRAFFIC IMPACT ANALYSIS REQUIRED?	⊠YES □NO
DESCRIPTION OR RECOMMENDED IMPROVEMENTS	A southbound left-turn lane with 100' of storage from Ben Wilson Road to the site.
CONSISTENCY WITH THE MEBANE BICYCLE AND PEDESTRIAN TRANSPORTATION PLAN?	⊠YES □NO
MULTIMODAL IMPROVEMENTS PROVIDED BY APPLICANT?	⊠YES □NO
DESCRIPTION OF MULTIMODAL IMPROVEMENTS	The applicant proposes to provide +/- 3,446 linear feet of a 10'-wide asphalt and concrete multiuse path through the development and along the frontage of the northern portion of the site on Ben Wilson Road. It will interconnect to the multiuse path network in The Meadows. It aligns with the municipal sanitary sewer easement along the creek, allowing for further extension of the off-road bicycle and pedestrian network to adjoining properties in the future.



FIGURE 10 PROPOSED TRAFFIC OPERATIONS 2023



Meadowstone Townhomes Traffic Impact Study Mebane, NC

STAFF RECOMMENDATION

STAFF ZONING RECOMMENDATION	■ APPROVE □ DISAPPROVE
RATIONALE	The proposed development "Meadowstone Townhomes" is consistent with the guidance provided within <i>Mebane By Design</i> , the Mebane Comprehensive Land Development Plan. Specifically, it serves Goals 4.2 and 4.3. The proposed project is in harmony with the single-family and multifamily residential uses of some of its nearby properties.



August 4, 2021

Tim Smith, PE with Summit Design and Engineering Services 320 Executive Court Hillsborough, NC 27268

Subject: Meadowstone – Water and Sewer System

Regarding the subject Preliminary Subdivision Plans and in accordance with paragraph 7-4.3 A.3.a. in the UDO, this memo is provided to indicate that I have reviewed the preliminary water and sewer system layout and find it acceptable and meets City standards based on the following:

Water system – Water service is available to Phase 3 from 12-inch water mains recently installed along Ben Wilson and Bowman Road associated with the Meadows and Bowman Village developments. A 12-inch water line extension from the intersection of Campaign Drive at Ben Wilson Road will be required along Ben Wilson Road heading north to serve Phases 1 & 2. The water system layout includes 8-inch and 6-inch water lines with appropriate valves and fire hydrants along Ben Wilson Road and the proposed internal street network. All water lines will be turned over to the City of Mebane for ownership and maintenance when completed in accordance with requirements. The City has adequate water capacity available to meet the domestic demand and fire flow requirements.

Sanitary Sewer system – Sewer service is available on-site with connection to the City's existing 18-inch sanitary sewer outfall. Phases 1 and 2 propose to connect to this sewer line. Phase 3 is proposed to connect to previous sewer installation associated with the Meadows Phase 2B. The sewer system layout includes 8-inch line extensions located generally within the internal street network with appropriate manhole spacing. All sewer lines will be turned over to the City of Mebane for ownership and maintenance when completed in accordance with requirements.

The permitted sewer use based on 147 3-bedroom townhomes at 80 gallons per day per bedroom is 35,280 gallons per day. Based on a historical water usage of less than 150 gpd per home, the anticipated tributary flow is approximately 22,050 gallons per day. The downstream Southeast Regional Pump Station and WRRF have adequate capacity to serve this project.

Available sewer capacity at the WRRF is approximately 0.72 million gallons per day (MGD) and 0.73 MGD at the Graham WWTP for a total of 1.45 MGD. This proposed project and other previously approved/permitted projects will reduce available capacity as they develop over time. The City's Capital Improvement Plan addresses the need for future sewer capacity at the WRRF with the following future projects:

- WRRF Expansion at min. 0.5 MGD (currently considering 1.5 MGD expansion).
- GKN and Arbor Creek PS rerouting wastewater to the Graham WWTP 0.275 MGD current.
- I/I reduction projects (manhole and line rehabilitation) to limit lost capacity.

In addition, the City Council has adopted new policy on limiting the accumulation of paper flow (flow permitted at a higher amount than when tributary - in the system). Permitting of wastewater will be done one phase at a time as opposed to multiple phases and requires plat approval for the current phase prior to permitting flow for the next phase of development. This will improve the City's ability to permit sewer use for approved and planned projects moving forward.

If there are any questions, please let me know. Sincerely.

Frang K. Hold Franz K. Holt, P.E. City Engineer

CC: Cy Stober, Development Director and Kyle Smith, Utilities Director



Technical Memorandum

Date: August 4, 2021

To: Cy Stober, Planning Director

From: Franz Holt, P.E.

Subject: Meadowstone – City Engineering review

The preliminary plans for Meadowstone dated July 30th, 2021 and prepared by Tim Smith with Summit Design and Engineering Services in Hillsborough, NC, have been reviewed by the Engineering Department as a part of the TRC plan review process. Our technical review comments are as follows:

A. General

Meadowstone is a 147-unit phased residential townhome development proposed on 25.6-acres and fronting Ben Wilson Road and Bowman Road.

Stormwater management control measures will be required for this project as planned built upon area exceeds 24% (Phase 2 rules for post construction runoff).

Water and Sewer service will be available from extensions of existing City of Mebane water and sewer lines.

Internal streets will be City of Mebane standard 31' b-b roll curb and gutter with sidewalks proposed on both sides of the street.

Amenities include a community building, picnic shelter, playground, fire pit, corn hole, small shelter, outdoor ping pong, a dog park, and multi-use path.

NCDOT driveway permits are required for the proposed roadway connections to Ben Wilson Road (3) and Bowman Road (1). Three-Party NCDOT encroachment agreements are required for work inside NCDOT rightof-way.

B. Water and Sewer System Layout

Regarding the subject Preliminary Subdivision Plans and in accordance with paragraph 7-4.3 A.3.a. in the UDO, this memo is provided to indicate that I have reviewed the preliminary water and sewer system layout and find it acceptable and meets City standards based on the following:

1. Water system – Water service is available to Phase 3 from 12-inch water mains recently installed along Ben Wilson and Bowman Road associated with the Meadows and Bowman Village developments. A 12inch water line extension from the intersection of Campaign Drive at Ben Wilson Road will be required along Ben Wilson Road heading north to serve Phases 1 & 2. The water system layout includes 8-inch and 6-inch water lines with appropriate valves and fire hydrants along Ben Wilson Road and the internal street network. All water lines will be turned over to the City of Mebane for ownership and maintenance when completed in accordance with requirements. The City has adequate water capacity available to meet the domestic demand and fire flow requirements.

2. Sanitary Sewer system – Sewer service is available on-site with connection to the City's existing 18-inch sanitary sewer outfall. Phases 1 and 2 propose to connect to this sewer line. Phase 3 is proposed to connect to previous sewer installation associated with the Meadows Phase 2B. The sewer system layout includes 8- inch line extensions located generally within the internal street network with appropriate manhole spacing. All sewer lines will be turned over to the City of Mebane for ownership and maintenance when completed in accordance with requirements.

The permitted sewer use based on 147 3-bedroom townhomes at 80 gallons per day per bedroom is 35,280 gallons per day. Based on a historical water usage of less than 150 gpd per home, the anticipated tributary flow is approximately 22,050 gallons per day. The downstream Southeast Regional Pump Station and WRRF have adequate capacity to serve this project.

Available sewer capacity at the WRRF is approximately 0.72 million gallons per day (MGD) and 0.73 MGD at the Graham WWTP for a total of 1.45 MGD. This proposed project and other previously approved/permitted projects will reduce available capacity as they develop over time. The City's Capital Improvement Plan addresses the need for future sewer capacity at the WRRF with the following future projects:

- WRRF Expansion at min. 0.5 MGD (currently considering 1.5 MGD expansion).
- GKN and Arbor Creek PS rerouting wastewater to the Graham WWTP 0.275 MGD current.
- I/I reduction projects (manhole and line rehabilitation) to limit lost capacity.

In addition, the City Council has adopted new policy on limiting the accumulation of paper flow (flow permitted at a higher amount than when tributary - in the system). Permitting of wastewater will done one phase at a time as opposed to multiple phases and requires plat approval for the current phase prior to permitting flow for the next phase of development. This will improve the City's ability to permit sewer use for approved and planned projects moving forward.

- C. Watershed Overlay District and Phase II Stormwater Requirements
 - 1. Watershed Overlay District requirements are provided under Sec. 5.2 of the UDO. These requirements in the UDO are for the Back-Creek Watershed, which includes the Graham-Mebane Lake. The Meadowstone project is tributary to Haw Creek, a Class V watershed and the Watershed Overlay District requirements do not apply to this project. This type of watershed classification (Class V) does not have density restrictions or built upon restrictions as required for the Graham-Mebane Lake watershed.
 - 2. Phase II Stormwater Post Construction Ordinance Sec. 5.4 in the UDO provides standards for Storm Water Management and 5.4.F requires compliance with the Mebane Post Construction Runoff Ordinance (which is a stand-alone ordinance titled the Phase II Stormwater Post Construction Ordinance (SPCO)). The standards in the UDO are general standards as the Ordinance itself provides detailed standards. The SPCO does apply to this project as it will disturb more than one acre of land and it is estimated that the new built upon will be more than 24% of the site.

The project proposes two engineered storm water control devices with 100 year storm detention post vs. pre-development runoff. The Phase 3 storm water control device is proposed as a wet pond requiring fencing. The Phase 1 and 2 storm water control device type has not been determined at this time (wet pond, stormwater wetland, sand filter, or bio retention basin). When storing 2 feet or more of surface water the storm water control device will require fencing.

D. Storm Drainage System

Sec. 5-4. D. in the UDO provides requirements for storm drainage systems. The preliminary site plans include a preliminary piping layout that indicates certain pipe locations, inlets, and discharge points. Stormwater flows from these pipes will be transported to stormwater management devices before being released.

E. Street Access and TIA

Internal streets are considered local and to be constructed to the City standard of 31-ft. b-b roll curb and gutter section with sidewalks to be constructed generally on both sides of the street. A proposed 8' concrete multi-use path is proposed along the Rippling Court from Bowman Road to the end of the cul-desac. The continuation of the multi-use path that is not in road right-of-way will be 10' asphalt and HOA maintained (including the proposed bridge creek crossing). As this path potentially will be extended to other development public easements have been provided. However, until those extensions occur the responsibility for maintenance/ownership remains with the HOA. All internal streets are proposed to have 5' concrete sidewalks on both sides of the road (except where the multi-use path is proposed). Street stubs are not provided to adjacent undeveloped properties.

A Traffic Impact Analysis was submitted and reviewed by the City and NCDOT and indicated the need for a left turn lane on Ben Wilson Road onto proposed Dandelion Court (northern most connection).

F. Construction Plan Submittal

Sec. 7-6.7. A. in the UDO indicates that construction plans for all street facilities, including water and sewer facilities, shall be submitted following preliminary plat or site plan approval; therefore, construction plans are not required as a part of the site plan review. A utility plan is provided which generally shows the proposed water lines, sewer lines, and storm drainage and stormwater management devices to indicate that the project is feasible for utility service and providing stormwater management. Appendix E which is included in the UDO is a Construction Document checklist which is to be provided at such time as construction plans are submitted after Preliminary Site Plan approval. Based on city engineering review of the referenced preliminary site plans, it is my opinion that said plans are in substantial compliance with the UDO.





JULY 2020 (REVISED JUNE 2021)

Traffic Impact Analysis

Meadowstone Townhomes Ben Wilson Road Mebane, NC Prepared for Ben Wilson Road , LLC





Meadowstone Townhomes Ben Wilson Road (SR 1140) & Bowman Road (SR 1142) Mebane, North Carolina

Traffic Impact Analysis



Prepared by **Summit Design & Engineering**

320 Executive Court Hillsborough, NC 27278 License Number: P-0339

Prepared for

Ben Wilson Road, LLC

320 Executive Court Hillsborough, NC 27278

July 2020 REVISED June 2021



Executive Summary

Introduction

A proposed residential development consisting of one hundred sixty-three (163) townhomes is planned to be constructed on a site that is on Ben Wilson Road (SR 1140) north of Bowman Road (SR 1142) and south of Bray Drive in Collington Farms subdivision in the City of Mebane in Orange County, North Carolina. The development is being proposed on a combination of three parcels totaling approximately 26 acres. The development will be built in three (3) phases over a three-year period after work commences in 2021. Two separate tracts of townhomes will be constructed on the east side of Ben Wilson Road, with three site entrances proposed, two entrances for the northern, larger grouping of homes, and one entrance further south closer to Bowman Road for the smaller grouping of townhomes. The access points will be street type entrances, each built with one entry lane and one exit lane onto Ben Wilson Road. The accesses will be built to NCDOT and City of Mebane standards, and all internal streets are proposed to be City maintained streets.

Summit Design & Engineering analyzed the development to determine the potential traffic impacts that this project may have on the roadway network. The analysis will identify any transportation improvements that may be required to accommodate the impacts of both the projected background traffic and the new development traffic. The following intersections were included in the study:

- Mebane Oaks Road (SR 1007) & Old Hillsborough Road (SR 2126)
- Bowman Road (SR 1142) & Ben Wilson Road (SR 1140)
- Ben Wilson Road (SR 1140) & Rippling Court (Site Dr. #1)
- Ben Wilson Road (SR 1140) & Dandelion Court (S) (Site Dr. #2)
- Ben Wilson Road (SR 1140) & Dandelion Court (N) (Site Dr. #3)

The Vicinity Map shows the location of the site near Mebane, NC, and the intersections in the vicinity that are part of this Traffic Impact Analysis. The subject intersections were analyzed for the following scenarios:

- 2020 Existing Conditions
- 2021 Future No Build Conditions
- 2021 Future Phase I Build Conditions
- 2023 Future No Build Conditions
- 2023 Future Buildout Conditions

A scoping discussion was held with City of Mebane Planning staff, as well as NCDOT Division 7 staff, to obtain background information and to determine the elements to be covered in this Traffic Impact Analysis (TIA). The topics discussed involved selecting the intersections to be studied, the background growth rate, and any recently approved developments and/or TIP projects that may be impacted or create an impact on the study area. Following the scoping discussion, the NCDOT TIA Checklist was completed and submitted to the City of Mebane, in lieu of a traditional Memorandum of Understanding.



Based on discussions with City and NCDOT staff, it was determined that the study corridor would include the proposed main public street intersections along Ben Wilson Road from and including the intersection at Bowman Road (SR 1142) to the intersection at Dandelion Court (N) (Site Dr. #3). In addition, the existing intersection of Mebane Oaks Road (SR 1007) and Old Hillsborough Road (SR 2126) will be included in the study. The site drives are correspondingly named streets on the site plan, site drive #1 named Rippling Court (an extension of the same named street in The Meadows Phase IV presently under construction), site drive #2 named Dandelion Court, which completes a U-shape pathway through the proposed townhome community and intersects Ben Wilson Road again at site drive #3.

As part of the City of Mebane Unified Development Ordinance, there is consideration to provide a capacity analysis of all transportation modes. However, in light of the lack of a transit system in the area, it was agreed that analysis of the transit mode would not be necessary for this study, but bicycle and pedestrian modes will be applicable.

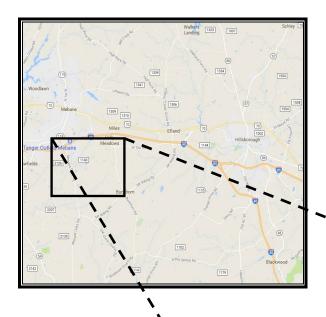
There are developments in the area that have been approved and under construction (or soon to be) that will need to be considered as part of this Traffic Impact Analysis, specifically the future trips created when they are completed. These developments are The Meadows, The Summit Church, and the Bowman Village/Bowman Place subdivision. These developments are in various stages of permitting and phased construction, and the impacts of the trips generated by those developments are captured within this Traffic Impact Analysis.

As a result of the issues from COVID-19 and stay at home orders, NCDOT has requested that no new data be collected for traffic counting purposes in the short term, until restrictions have been lifted and traffic returns to conditions closer to normal. As a result of this request, it was agreed between the City, NCDOT and the developer that data obtained in October 2015 for the adjacent subdivision, The Meadows, would be acceptable to use, along with applying a growth rate to bring the turn movement counts in close proximity to estimated 2020 levels.

Data was collected at the two existing subject intersections, at Mebane Oaks Road/Old Hillsborough Road and Bowman Road/Ben Wilson Road by Davenport & Associates for use in a TIA developed for The Meadows. Data was collected for the AM and PM peak hours, from 6 AM to 9 AM and from 4 PM to 7 PM to allow for determining the exact peak hours. The turn movement counts were collected on October 14 and 15, 2015 while all traditional and year-round schools were in session. The data was collected in 15-minute intervals at all locations to determine the exact peak hour within the data collection period.



VICINITY MAP



LEGEND



= Study Area Intersection

- 1 Mebane Oaks Rd. & Old Hillsborough Rd.
- 2 Ben Wilson Rd. & Bowman Rd.
- 3 Ben Wilson Rd. & Rippling Ct./Site Dr #1
- 5 Ben Wilson Rd. & Dandelion Ct./Site Dr #2
- 6 Ben Wilson Rd. & Dendelion Ct./Site Dr #3





Trip Generation

The site generation potential of the proposed development was computed using the 10th Edition of *ITE Trip Generation Manual*. The trip generation calculated trips based on a total build of one hundred sixty-three (163) Townhomes (Low Rise) (ITE Land Use Code 220). The developer plans to construct the subdivision in three phases over a period of 3 years. Per NCDOT Congestion Management Standards, and the Rate vs. Equation Spreadsheet effective July 1, 2018, the trip generation was calculated using the Equation Method for the adjacent street peak hour data.

The weekday average daily trips generated, as well as AM and PM Peak Hour trips by development phase are shown for the proposed land use in Table 3:

TABLE 3
SUMMARY OF SITE TRIP GENERATION

									Adjace	ent Street	Traffic Vo	lumes	
					Wkday A	vg #Trip	os	Week	day AM F	eak Hr	Weeko	day PM F	Peak Hr
Phase	ITE Code	Land Use	Size	Units	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
Phase I	220	LOWRISE1	45	Dwelling Units	150	149	299	5	17	22	18	11	29
Phase II/II	220	LOWRISE1	118	Dwelling Units	446	446	892	12	42	54	39	23	62
		TOTAL	163	Unadjusted Volume	596	595	1191	17	59	7 6	57	34	91
				Internal Capture				0	0	0	0	0	0
				Pass-By Trips				0	0	0	0	0	0
		ν	/olume Ad	ded to Adjacent Streets	596	595	1191	17	59	76	57	34	91
Source: ITE Trip Generation Manaul, 10th Edition						lition							

For a residential type land use, pass-by trips are not utilized, as those type types apply to retail and service type land uses. Similarly, there are no internal capture trips to account for in a residential development.

The 2021 total unadjusted volumes were calculated to be 22 trips during the AM peak hour (5 entering and 17 exiting), and 29 trips during the PM peak hour (18 entering and 11 exiting) at the Phase I build. The average weekday trips added to the network total 299, with 150 entering and 149 exiting vehicles. These trips were distributed to one access point, as this phase of the development will only construct the southernmost section in 2021.

The total unadjusted volumes were calculated to be 76 trips during the AM peak hour (17 entering and 59 exiting), and 91 trips during the PM peak hour (57 entering and 34 exiting) at full buildout. The average weekday trips have been calculated to be 1,191 total, with 596 entering trips and 595 exiting trips. These trips are distributed across all three proposed entrances for the development at full buildout. The Phase I buildout is planned to construct only the first forty-five (45) units in the southern parcel of the site, which has a separate access for these units only, therefore the distribution is slightly different for Phase I and the full buildout.



Adjacent Developments

There are several approved and planned developments within the study area that were identified by the City of Mebane planning staff that could either impact or be impacted by the proposed development. There are three adjacent developments that must be considered for this study: the Summit Church, The Meadows subdivision and Bowman Village / Bowman Place subdivision. Only The Meadows is partially constructed with occupied units, the other two are in various phases of the construction process, and do not have any residential units constructed and occupied to date.

The Summit Church development had a Traffic Impact Study completed in February of this year, however the peak hour for a church generally occurs on a Sunday morning, and has little impact on the weekday typical AM and PM peak hour. For this reason, the Summit Church distributions did not influence the distribution assumptions for the Meadowstone Townhomes.

The Meadows subdivision had a Traffic Impact Analysis completed in 2015, and although proposes a larger number of homes, the trip distributions were useful in the development of the study for Meadowstone Townhomes, since they share a common roadway and similar network. One of the assumptions for The Meadows was that it would be completely built out by 2020, however the development is only partially complete. Approximately 75 homes have been built in Phase I, and are occupied (for the purposes of baseline 2020 traffic). Therefore it was necessary to re-configure the trip distributions for this development according to the current build phases. The same distributions were utilized, however the existing 2020 traffic only has access through one entrance, while the remaining build phases will have access to all three entrances.

The Bowman Village / Bowman Place subdivision, although nearby and in proximity to Meadowstone Townhome development to be included in this study, is likely to impact the roadway network slightly differently. The eastern perimeter of Bowman Village accesses Rock Quarry Road, which provides quick, convenient access to the I-85/I-40 corridor. While there are likely to be trips to and from the west along Bowman Road, it will be considerably less than what would be expected from The Meadows and Meadowstone Townhomes. The trip distribution proposed for Bowman Village / Bowman Place is a 25% / 75% distribution west versus east. The figures in Appendix D show the distributions, and the trip assignments noted in this study were derived from these distributions.

Trip Distribution

The primary site trips for the proposed development were distributed based upon the existing traffic patterns, similar distribution pattern for adjacent developments, and engineering judgement. Since there have been several residential developments in the area recently approved, the trip distributions closely resemble the adjacent developments' distributions.

A review of the existing turning movement counts at the subject intersections indicate directional flow in the peak hours, primarily inbound in the morning (towards the City), and outbound in the afternoon. Distribution ratios have been developed for the Phase I build of the site, since only one complete parcel of the development is proposed to be completed in 2021. For this phase of construction, it was assumed that 60% of the new trips will be generated to/from the north on Ben



Wilson Road, 30% of the new trips to/from the west on Bowman Road and 10% new trips to/from the east on Bowman Road.

A separate distribution for the overall completion of the development was also developed that distributes traffic across all three proposed access points. The primary distributions although similar to the Phase I distribution, have further distribution splits at each access point to the development. Based on the layout of the internal street system within the development, a relative split of two to one (2 to 1) for trips in and out of the northern section of the development is assumed between the streets. A higher percentage of trips to/from the north would be expected to access the parcel from the first street approached, since the entire parcel can be accessed from either street. Some trips can be expected to enter and exit from the furthest street on approach, since that will likely be a shorter route for some number of homes within the development.

Both of the phased distributions and directional splits at the two existing study intersections are reflective of the distributions utilized for The Meadows development, as much as possible. The new trips generated for both of these developments would be expected to be similar, with the main difference in traffic patterns being the additional access that The Meadows provides on Bowman Road. Without a major access point further west on Bowman Road for Meadowstone, it was assumed a higher percentage of trips would utilize the Wilson Road to Ben Wilson Road route, than the proposed trips for The Meadows development.

The results of the study are presented as follows, listed by intersection:

Mebane Oaks Road & Old Hillsborough Road

The proposed development, and the adjacent developments under construction, will add new trips to this currently unsignalized intersection. However, a planned widening project and subsequent signal installation at this intersection provides adequate capacity for these developments in all operating conditions. The Level of Service for this intersection will improve by 2021 to LOS C for the AM and PM peak hours for all future horizons. These improvement will provide adequate capacity in this configuration for several years after the project buildout.

Ben Wilson Road & Bowman Road

The proposed development, and the adjacent developments under construction, will add new trips to this intersection that would be turning movements on Ben Wilson Road, as well as through movements on Bowman Road. The Level of Service for this intersection will remain at B (or better in the 2021 AM peak hours) for all future build or No build conditions. The existing configuration will provide adequate capacity for several years after the project buildout.

Ben Wilson Road & Rippling Court (Site Drive #1)

With the construction of the 2023 full Buildout of the proposed development a fourth leg will be added to this intersection, and new trips generated by the proposed forty-five (45) units. The trips will be added as west bound left and right turns from Rippling Court (WB) and left and right turns from Ben Wilson Road into the site. None of these movements experience excessive delays or queues, and the configuration of the intersection provides adequate capacity. These additional trips will not decrease capacity of the intersection, nor create longer queues on Rippling Court for either approach.



The Level of Service for the intersection overall is A under all future conditions, with less than 10 seconds average delay.

Ben Wilson Road & Dandelion Court (s) (Site Drive #2)

This intersection is planned to be constructed as part of the Phase I Build in 2021 of the development, and will add new trips to the roadway network however, only the new trips generated by the buildout of the townhomes will add any turning traffic at this intersection. All other adjacent developments, as well as the proposed site will add only through movements at this intersection in all but the full build conditions. The trips generated by the site will be left and right turns both from Dandelion Court as well as from Ben Wilson Road. These additional trips will not decrease capacity of the intersection, nor create longer queues on Rippling Court for either approach. The Level of Service for the intersection overall is A under all future conditions, with less than 10 seconds average delay.

Ben Wilson Road & Dandelion Court (n) (Site Drive #3)

This intersection is also planned to be constructed as part of the full buildout of the development, and will add new trips to the roadway network however, only the new trips generated by the buildout of the townhomes will add any turning traffic at this intersection. All other adjacent developments, as well as the proposed site will add only through movements at this intersection in all but the full build conditions. The trips generated by the site will be left and right turns both from Dandelion Court as well as from Ben Wilson Road. A left turn lane will be installed for this development per City of Mebane UDO requirements, and will be constructed at the northern most access of Dandelion Court (Site Drive #3). The turn lane will provide storage of 100 feet for southbound turning vehicles on Ben Wilson Road. The additional trips do not decrease capacity of the intersection, with or without the turn pane provided, and the queues on Dandelion Court are of minimal length. The Level of Service for the intersection overall is A under all future conditions, with less than 10 seconds average delay.

A summary of the existing, No Build conditions and Build conditions is provided on the following page indicating the capability of the roadway network to handle the new trips generated by this site.



HCM 6th Edition (Revised)

Level of Service Summary

	2020	20	21	2023			
AM PEAK	EXISTING	NO BUILD	BUILD	NO BUILD	BUILD	BUILD + IMP	
1 Mebane Oaks Rd & Old Hillsborough Rd	B (14.0)	C (21.7)	C (22.1)	C (24.8)	C (25.3)	C (25.3)	
* Existing 4 way stop upgrades to signal in 2021							
2 Bowman Rd & Ben Wilson Rd	A (9.5)	A (9.7)	A (9.7)	B (10.1)	B (10.2)	B (10.2)	
3 Ben Wilson Rd & Rippling Ct/Site Dr #1	-	A (8.8)	A (8.9)	A (8.9)	A (9.3)	A (9.3)	
	-						
4 Ben Wilson Rd & McClellan Trl	-	A (9.0)	A (9.0)	A (9.2)	A (9.4)	A (9.4)	
	-						
5 Ben Wilson Rd & Site Dr #2	-	-	A (8.9)	-	A (9.3)	A (9.3)	
	-	-		-			
6 Ben Wilson Rd & Site Dr #3	=	=	-	-	A (9.1)	A (9.1)	
	-	-	-	-			

		2020	2020 2021		2023		
	PM PEAK	EXISTING	NO BUILD	BUILD	NO BUILD	BUILD	BUILD + IMP
1	Mebane Oaks Rd & Old Hillsborough Rd	F (70.6)	C (20.2)	C (20.4)	C (21.9)	C (22.3)	C (22.3)
	* Existing 4 way stop upgrades to signal in 2021						
2	Bowman Rd & Ben Wilson Rd	B (10.0)	B (10.7)	B (10.9)	B (11.4)	B (11.9)	B (11.9)
3	Ben Wilson Rd & Rippling Ct/Site Dr #1	-	A (8.7)	A (8.8)	A (8.9)	A (9.8)	A (9.8)
		-					
4	Ben Wilson Rd & McClellan Trl	-	A (9.0)	A (9.1)	A (9.4)	A (9.6)	A (9.6)
		-					
5	Ben Wilson Rd & Site Dr #2	-	-	A (8.9)	-	A (9.4)	A (9.4)
		-	-		-		
6	Saddle Club Rd. & Shallow Spring Dr. (Site Dr. #2	-	-	-	-	A (9.1)	A (9.1)
		-	-	-	-		

LOS (delay in seconds)

Note: for unsignalized conditions, LOS and delay indicates only minor street approach with longest delay.

Bicycle and Pedestrian Level of Service (BLOS/PLOS) Results

There are several different methods to analyze bicycle and pedestrian modes of transportation, and to determine the Bicycle Level of Service (BLOS) and Pedestrian Level of Service (PLOS), but the method to be used to do this is generally site and network dependent. The *Highway Capacity Manual* can be used to determine a LOS value for each mode of transportation, but it too varies by the chapter of the Manual being utilized.

Separately, but part of the basis for the research and development of the BLOS/PLOS for the *Highway Capacity Manual*, use of the BLOS/PLOS Calculator developed by Sprinkle Consulting is possible that can evaluate features that are not dependent upon pedestrian volumes or bicycle volumes. These analyses developed and utilized the "Level of Traffic Stress" measure that determined how well the features of sidewalks, bicycle paths and lanes, and density of users related to the comfort level of each user.

A corresponding chart of values was factored from algorithms derived from research, that set a scale from A to F, similar to automobile LOS, but not based on delay values that is used for the automobile mode. This model is still used across the US for many cities, large and small, and represents a reasonable estimation of Level of Service where pedestrian and bicycle counts are unavailable.



For the evaluation of this site, the developer has committed to the construction of sidewalks within the subdivision on all streets, as well as a ten-foot wide multi-use path extending from the southernmost culde-sac in the northern section of homes, out to Ben Wilson Road. The multi-use path will be constructed along Ben Wilson Road south to a crossing near McClellan Trail to provide access to The Meadows development, and the sidewalk system developed within that subdivision. By crossing the path at this location, it provides a logical crossing point to allow motorists, cyclists and pedestrians to determine the respective movements of vehicles, bikes and pedestrians to minimize conflicts. The crossing will include a high-visibility type crosswalk and appropriate signage on Ben Wilson Road.

Within the subdivision, the sidewalks are proposed to be constructed on both sides of all internal streets, in both northern and southern sections of the development. The sidewalks proposed along the subdivision streets are five (5) feet in width. All sidewalks will be constructed with ADA compliant curb ramps at intersections, in accordance with City of Mebane standards. The results of each condition's analysis are summarized below:

BLOS / PLOS SUMMARY Ben Wilson Road

	2020	2021		2023	
	EXISTING	NO BUILD	BUILD	NO BUILD	BUILD
Bicycle LOS	C (2.66)	C (2.92)	C (2.89)	C (3.09)	C (3.14)
Pedestrian LOS	D (4.11)	D (3.65)	C (3.35)	B (2.48)	B (1.92)

LOS	MODEL SCORE	
Α	<u>≤</u> 1.50	
В	1.51 - 2.50	
С	2.51 - 3.50	
D	3.51 - 4.50	
Е	4.51 - 5.50	
F	> 5.50	

The Buildout Level of Service indicates an improvement in the Level of Service for both pedestrians and cyclists, since the proposed development will be providing a left turn lane for the site, as well as the multi-use path connection from the site to the existing sidewalk on Ben Wilson Road. The analysis provides intuitive results to the differences the pedestrian and bicycle features included in a project can have for various related buildout or no-build conditions. These improvements show a significant improvement in the Level of Service for pedestrians by the addition of the sidewalks, while providing adequate Level of Service for bicyclists.



Conclusions and Recommendations

In summary, the residential development site on the east side of Ben Wilson Road, north of Bowman Road in Mebane (Orange County) was analyzed for five (5) separate conditions including 2020 Existing Conditions, 2021 Phase I Build/No Build Conditions and 2023 Build/No Build Conditions. The trip generation analysis indicates that the proposed development of one hundred sixty-three (163) townhomes to be constructed in three (3) phases starting in 2021 is expected to generate a total of 1,191 trips per day, with 76 trips during the AM peak hour, and 91 trips in the PM peak hour at full buildout.

For the purposes of this study, the total volume added to the adjacent roadway network was not reduced for any pass-by trips or Internal Capture trips, since this is a residential subdivision. Due to the current situation with COVID-19 and its impact on typical traffic patterns, a review of 2015 traffic counts was utilized and projected forward to 2020 to provide the basis current existing traffic conditions. A phased addition of trips generated by The Meadows development was compiled as an adjacent development, since it initially had been planned to be completed by 2020, but is only partially constructed at the time of this study.

All scenarios were configured according to NCDOT Congestion Management requirements for capacity analysis. New trips added to the study area from approved adjacent developments presently under construction were considered and included in the future traffic analysis. An analysis of the Bicycle Level of Service and Pedestrian Level of Service was also calculated as required by the City of Mebane Unified Development Ordinance. An assumption was made that the speed limit on Ben Wilson Road at the current City Limit boundary will be extended south to Bowman Road, as a condition for annexation.

For this site construction, three (3) new street accesses will be built for the site that will provide access from Ben Wilson Road. The two northern site accesses on Ben Wilson Road will be constructed at approximately 500 foot spacing between each other as well as 500 feet to McClellan Trail, a site access for The Meadows development now under construction. The third entrance, which provides access to an isolated parcel of forty-five (45) townhomes, will be constructed directly opposite Rippling Court, just north of Bowman Road. All three access points provide one entering lane and one exiting lane, and the northern most access will provide a south bound left turn lane for traffic entering the site.

In addition to the roadway network within the site, and required sidewalks, the development will also construct a 10-foot wide multi-use path that connects from a cul-de-sac in the northern parcel of home to a sidewalk along Ben Wilson Road. This sidewalk will also provide a connection to the sidewalk network under construction and provided by The Meadows development, and extend south to Bowman Road. Construction of the project is expected to begin in 2021 and be completed by the end of 2023, pending agency approvals.

Summit Design & Engineering developed the existing traffic count information for the existing intersections, calculated the trip generation for the site development and analyzed the traffic impacts to formulate the recommendations in this study. Discussions with NCDOT Division 7 staff as well as City of Mebane Planning Department staff were conducted to determine the complete scope of the report, including the multi-modal aspects of the study.



The existing roadway network demonstrated the ability to adequately handle the added site trips to the network with only minimal improvements, as the Existing, Future No Build and Future Buildout analysis Level of Service indicates adequate roadway capacity under the current operating conditions.

A summary of the results for the study intersections are as follows:

Mebane Oaks Road & Old Hillsborough Road

With the planned construction by NCDOT of additional turn lanes on all approaches, as well as the addition of a traffic signal at this intersection, the capacity and Level of Service are improved greatly for all future conditions., and adjacent approved developments. With the addition of the proposed site traffic to the roadway network, the analysis of this intersection during build conditions indicate that all approaches will operate at acceptable levels of service, and subsequent queues are provided adequate storage length for the turning movements under the NCDOT project. There is adequate capacity available to handle additional traffic for the proposed site, the adjacent developments under construction, and annual growth.

No improvements are recommended for this intersection.

Ben Wilson Road & Bowman Road

The existing configuration shows minimal increases in delay for both peak hours for existing and no build future conditions. The addition of adjacent developments presently under construction do not decrease the capacity of the intersection. Addition of new trips generated by the Meadowstone Townhomes development for both Phase I build and complete buildout also impact the intersection's capacity at minimal decreases, under stop sign control, and the intersections continues to provide adequate future capacity as well as minimal delay, with the highest possible Level of Service classification (A).

No improvements are recommended for this intersection.

Ben Wilson Road & Rippling Court (Site Drive #1)

The construction of the development will create a new, fourth approach leg to the existing three-leg intersection on Ben Wilson Road at Rippling Court. The new approach will be constructed with one entering and one exiting lane providing access to a small, isolated forty-five (45) unit parcel of the development. There is minimal delay associated with the new access drive, and no queuing observed on any of the approaches of the intersection under buildout conditions. There is adequate capacity available on Ben Wilson Road to handle additional traffic for the adjacent developments, the proposed site, as well as annual growth.

Construct a new site access road on the east side of Ben Wilson Road directly opposite Rippling Court and, approximately 350 feet north of Bowman Road with one entry lane and one exit lane. The site access shall be constructed with the Full Buildout (2023) of the subdivision.



Ben Wilson Road & Dandelion Court (s) (Site Drive #2)

The construction of the development will create a new intersection on Ben Wilson Road to access the northern most parcel of new townhomes. The new intersection will be constructed with one entering and one exiting lane on Dandelion Court, allowing entering vehicles from Ben Wilson Road under its current (two-lane/two-way) configuration. There is minimal delay associated with the new intersection, and no queuing observed on any of the approaches of the intersection under buildout conditions. There is adequate capacity available on Ben Wilson Road to handle additional traffic for the adjacent developments, the proposed site, as well as annual growth.

Construct a new site access road on the east side of Ben Wilson Road approximately 525 feet north of McClellan Trail with one entry lane and one exit lane. The site access shall be constructed with the Phase I Build (2021) of the subdivision.

Ben Wilson Road & Dandelion Court (n) (Site Drive #3)

The construction of the development will create a third new intersection on Ben Wilson Road to access the northern most parcel of new townhomes. The new intersection will be constructed with one entering and one exiting lane on the northern end of Dandelion Court, as well as providing a left turn lane for south bound traffic entering the site. There is minimal delay associated with the new intersection, and no queuing observed on any of the approaches of the intersection under buildout conditions. There is adequate capacity available on Ben Wilson Road to handle additional traffic for the adjacent developments, the proposed site, as well as annual growth.

Construct a new site access road on the east side of Ben Wilson Road, approximately 1,000 feet north of McClellan Trail, with one entry lane and one exit lane. The site access shall be constructed with the Phase II and III build of the subdivision.

Construct a left turn lane on Ben Wilson Road southbound for this site access, with 100 feet of storage and appropriate taper. The construction of this turn lane should be completed within the second phase of the project, and be completed prior to the construction of greater than 50 lots.

All driveway accesses roadway shall be constructed to City of Mebane standards and specifications and per the City's Unified Development Ordinance. Any NCDOT requirements related to NCDOT maintained roadways will be designed to NCDOT standards and specifications.

In conclusion, this study has reviewed the impacts of both background traffic conditions and the proposed traffic to be generated by the site as well as the adjacent developments presently under construction, studied the impacts to the roadway network, and has determined that there will be adequate capacity for future traffic. In addition, this study provided a Level of Service analysis for bicycle and pedestrian modes, and found that the amenities and features proposed with the construction of this development will enhance and improve the non-automobile modes of transportation in the area. Speed information was collected for further evaluating the speed on Lebanon Road by NCDOT, as the adjacent developments are built to completion.

RAMEY KEMP ASSOCIATES

Moving forward.

June 8, 2021

T 919 872 5115

5808 Faringdon Place Raleigh, NC 27609

TO: Cy Stober, AICP

Development Director – City of Mebane

E: cstober@cityofmebane.com

FROM: Michael Karpinski, PE

Ramey Kemp Associates

E: mkarpinski@rameykemp.com

SUBJECT: Meadowstone Townhomes TIA Review Comments

Mr. Stober:

Ramey Kemp Associates (RKA) has reviewed the subject TIA and issues the following comments.

Study Summary

The proposed site is a residential development located east of Ben Wilson Road and north of Bowman Road in Mebane, NC. The development is expected to consist of 163 townhomes. The development is proposed to be built in three (3) phases over a three-year period after work begins in 2021, with full buildout anticipated in 2023. Access is proposed via four (4) full access site driveway connections: two (2) site driveways for the northern tract and two (1) site driveways for the southern tract with no cross-connectivity between the tracts.

The development is anticipated to generate approximately 1,191 daily trips during a typical weekday at full buildout – with 76 trips occurring during the morning (AM) peak hour and 91 trips occurring during the afternoon (PM) peak hour. Analysis was performed for five (5) scenarios: 2020 Existing, 2021 Future No-Build, 2021 Future Build (Phase 1), 2023 Future No-Build, and 2023 Future Build (Full Buildout) Conditions. Analysis results indicate that the levels-of-service from the Future No-Build scenarios remain the same with some minor increases in delay under the Future Build scenarios.

At the time the subject TIA was prepared and submitted, NCDOT project 47786 (considered in the analysis of future traffic conditions) was planned to be let the current budget year, and under construction in the fall. This project will improve the Mebane Oaks Road and Old Hillsborough Road intersection with the addition of left-turn lanes on all approaches, right-turn lanes on the southbound and westbound approaches, and installation of a traffic signal. STIP Project No. I-5711 will improve the Mebane Oaks Road / I-40 / I-85 interchange ramp intersections, as well as provide additional lanes on Mebane Oaks Road; however, the southern project limits do not extend to the study intersections for the subject TIA and was therefore not considered in the analysis of future traffic conditions.

The TIA for the subject development recommended an exclusive southbound left-turn lane with 100' of storage on Ben Wilson Road at the intersection of Ben Wilson Road and Site Drive #3. Based on the review of the Meadowstone Townhomes TIA, no additional improvements within the study area are required to accommodate site traffic associated with the subject development.



Transportation Consulting that moves us forward.

The following comments relate to deviations from various NCDOT and/or City analysis guidelines. However, these variations have either been approved by NCDOT or are not anticipated to significantly impact the analysis results. A revised TIA based on these comments is not requested.

TIA Report

- 1. Due to the impacts of the COVID-19 pandemic, no new traffic count data was collected; therefore, traffic counts collected in 2015 were projected to the existing analysis year of 2020 utilizing a 2% growth rate to determine the existing AM and PM peak hour traffic volumes at the study intersections. This methodology appears reasonable and is consistent with the approved scope / methodology from the NCDOT TIA Scoping Checklist.
- 2. An annual growth rate of 1.5% was applied to the existing (2020) peak hour traffic volumes to determine future traffic volumes at Phase 1 (2021) and full buildout (2023). In addition to background traffic projections, three adjacent developments were considered in the analysis of future traffic conditions: The Meadows subdivision, the Summit Church, and the Bowman Village / Bowman Place subdivision. This methodology appears reasonable and is consistent with the approved scope / methodology from the NCDOT TIA Scoping Checklist.
- 3. Trip generation results presented in the TIA, assuming 163 townhome units, are correct.
- 4. There is conflicting information regarding the number of townhome units proposed at full buildout when comparing the site plan, TIA report, and the NCDOT TIA Scoping Checklist. The NCDOT TIA Scoping Checklist indicates 168 townhome units, while the TIA report and capacity analysis results for the subject development are based on 163 townhome units. Additionally, the site plan provided in the TIA (Figure 1 -Page 7) illustrates 168 townhome units. The difference in trip generation potential between 163 and 168 townhome units is minor (difference of less than 5 trips during the AM and PM peak hours) and is not expected to significantly impact the capacity analysis results; however, the developer / TIA consultant should coordinate with NCDOT and City staff to confirm the number of townhome units proposed at full buildout.
- 5. The trip distribution is reasonable and generally consistent with similar developments in the area.
- 6. Figures 7A & 7B: Phase 1 and Full Buildout Site Trip Assignments There are minor imbalances (loss or gain of one trip in both the AM and PM peak hours) in site trips between study intersections. Additionally, the entering and exiting trips during both peak hours do not sum to equal the proposed trip generation potential at full buildout (Figure 7B). These are not expected to significantly impact the analysis results.
- 7. The TIA evaluated bicycle and pedestrian modes of transportation within the study area. The TIA indicated that the developer has committed to the construction of sidewalks within the subdivision on all streets and a ten-foot multi-use path along Ben Wilson Road from the northern tract to provide access to the Meadows subdivision sidewalk system. The results of the analysis using the Sprinkle model under full buildout indicates an improvement in level-of-service for pedestrians since the proposed development will be providing additional sidewalk along Ben Wilson Road. Due to the lack of a transit system servicing



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the roadways along the frontage of the proposed development, it was agreed that analysis of the transit mode would not be necessary for this study.

Synchro Analysis

1. NCDOT Congestion Management Guidelines indicate a volume of 4 should be used for any allowable movements that have actual counts lower than 4. Several movements in the Synchro files have volumes less than 4. However, these volumes are relatively low and are not anticipated to significantly impact the analysis results.

General

- 1. The development is generally consistent with City of Mebane long-range plans. City of Mebane's 2040 Comprehensive Transportation Plan (CTP) does not include any recommendations for pedestrians and bicyclists on Ben Wilson Road or Bowman Road along the site frontage.
- 2. It should be noted that based on the City of Mebane's 2040 CTP, Mebane Oaks Road is showing the need for widening from the I-85 Interchange to the southern study area boundary, near Oak Grove Church Road, to improve the flow of traffic and decrease delay.





AGENDA ITEM #8

RZ 21-010 Rezoning – 702 Vance Street

Presenter

Audrey Vogel, Planner

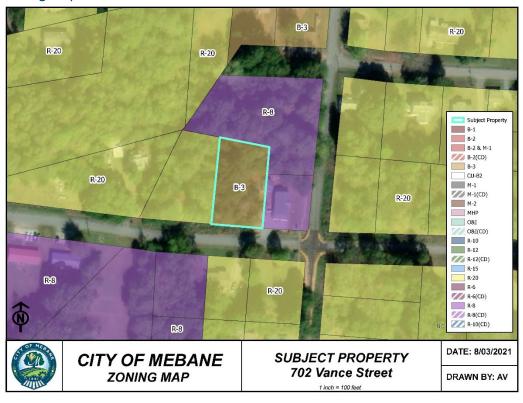
Applicant

VGG Holdings LLC 7720 Basset Hall Court Raleigh, NC 27616

Public Hearing

Yes ⊠ No □

Zoning Map



Property

702 Vance Street Alamance Co. 9815730196

Proposed Zoning

R-12

Current Zoning

B-3

Size

+/- 14,963 sf (0.343 acre)

Surrounding Zoning

R-20, R-8

Adjacent Land Uses

Vacant Residential, Single-Family Residential

Utilities

Water and sewer are present

Floodplain

No

Watershed

No

City Limits

Yes

Summary

VGG Holdings LLC, c/o Peter Gitto, is requesting a rezoning from B-3 (Neighborhood Business District) to R-12 (Residential District) to allow for a new single-family detached home. The property is currently vacant and located within the Mebane City Limits. The surrounding zoning includes R-20, R-8, and B-3. The immediate area land use is primarily single-family residential and vacant land. There are several nonconforming properties zoned B-3 but being used for single-family residential that are north of the subject property.

The subject property and the adjacent property (704 Vance Street) were previously recognized as a single tax parcel (Parcel ID No. 165586) by Alamance County and as a single property with split-zoning (R-20 and B-3) on the City of Mebane Zoning Map. However, the original recorded plats and historic deeds demonstrate that the properties were recorded as individual lots and never legally recombined. The applicant provided the evidence of this property history and was issued a Certificate of Exclusion, per Article 7, Section 2 of the Unified Development Ordinance. As such, an exempt subdivision plat was approved for the subject property and adjacent property in March 2021 per the exclusion determination.

The property is served by City Water and Sewer. The applicant will be responsible for all System Development Fees. The applicant has submitted a plot plan for the proposed single-family home that meets the R-12 zoning dimensional requirements.

The proposed rezoning is located in the G-4 Secondary Growth area and is consistent with the guidance provided within *Mebane By Design*, the Mebane Comprehensive Land Development Plan. The rezoning will allow for an appropriate by-right use for a property in a primarily residential area.

A project report has not been provided for this general rezoning request due to the simplicity of the request and lack of site details, waivers, etc.

Financial Impact

The developer will be required to make all improvements at his own expense.

Recommendation

The Planning staff has reviewed the request for harmony with the zoning of the surrounding area and consistency with the City's adopted plans and recommends approval.

Suggested Motion

- 1. Motion to approve the R-12 zoning as presented.
- 2. Motion to find that <u>the application is consistent</u> with the objectives and goals in the City's 2017 Comprehensive Land Development Plan *Mebane By Design*. The request:
 - ☐ Is for a property within the City's G-4 Secondary Growth Area and is generally residential in nature (Mebane CLP, p.66).

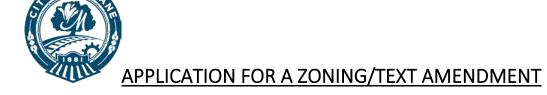
- 3. Motion to <u>deny</u> the R-12 rezoning as presented due to a lack of
 - a. Harmony with the surrounding zoning.

OR

b. Consistency with the objectives and goals in the City's 2017 Comprehensive Land Development Plan *Mebane By Design* or any of the City's other adopted plans.

Attachments

- 1. Zoning Amendment Application
- 2. Zoning Map
- 3. Plot Plan



Application is hereby made for an amendment to the Mebane Unified Development Ordinance: VGG Holdings LLC- Peter Gitto Name of Applicant: ___ 7320 Bassett Hall Ct, Raleigh, NC 27616 Address of Applicant: Address and brief description of property to be rezoned and/or text to be amended: 702 Vance Street, Mebane, NC 27302 Owned Applicant's interest in property (owned, leased or otherwise): Do you have any conflicts of interest with Elected/Appointed Officials, Staff, etc.? Rezoning to R-12 Type of action requested: Build single family house Reason for the requested action: Sketch attached: Yes 08/03/21 Date: _____ Action by Planning Board: Public Hearing Date: ______Action: _____ Zoning Map Corrected: ______

The following items should be included with the application for rezoning when it is returned:

- 1. Tax Map showing the area that is to be considered for rezoning.
- 2. Names and addresses of all adjoining property owners within a 300' radius (Include those across the street).
- 3. \$300.00 Fee to cover administrative costs.
- 4. The information is due 15 working days prior to the Planning Board meeting. The Planning Board meets the 2nd Monday of each month at 6:30 p.m. Then the request goes to the City Council for a Public Hearing the following month. The City Council meets the 1st Monday of each month at 6:00 p.m.



August 3, 2021 Owner Name:

GPIN: 9815730196 PID: 10-10-232

Address Points

Preliminary Address

PERMIT APPROVED



UNDER CONSTRUCTION

Address

Heavy Industrial Development Applicants



Tax Address

APPLIED FOR PERMIT

PERMIT RENEWED

Alamance County GIS Alamance County Tax Department 0 0.015 0.03 mi

DISCLAIMER:
The datasets and maps available are not survey grade or a legal document. They are a best approximation of what is on the ground, but do contain errors. The data comes from various sources nationally, the state of North Carolina, and here in Alamance County. Alamance County will not be held responsible Administre County. Administre County within the relative period for the misuse, misrepsentation, or misinterpretation of the data or maps. These maps and data are a service provided for the benefit for Alamance County citizens. We constantly strive to improve the quality and expand the amount of data and maps available.

ALAMANCE CO LNT y shall assume no liability for any errors, omissions, or inaccuracies in the information provided regardless of how caused; or any decision made or action taken or not taken by user in eliance upon any information or data furnished hereunder. The user knowingly waives any and all dams for damages against any and all of the formation and all of the entities comprising the Alamance County (GIS Schen). Nate may stop from the proposed of the Data 8/1/2/2013. System that may arise from the mapping data. Date: 8/3/2021





CITY OF MEBANE ZONING MAP SUBJECT PROPERTY 702 Vance Street

1 inch = 100 feet

DRAWN BY: AV

