

SUBDIVISION REPORT -CONCEPT/USE ON REVIEW

| FILE #: 8-SA-21-C | AGENDA ITEM #: 26 | | | | |
|-------------------------------------|--|--|--|--|--|
| 8-C-21-UR | AGENDA DATE: 8/12/2021 | | | | |
| SUBDIVISION: | DORCHESTER, UNIT 2 | | | | |
| APPLICANT/DEVELOPER: | MESANA INVESTMENTS, LLC | | | | |
| OWNER(S): | Eagle Bend Construction, LLC | | | | |
| TAX IDENTIFICATION: | 78 035 (PART OF) View map on KGIS | | | | |
| JURISDICTION: | County Commission District 6 | | | | |
| STREET ADDRESS: | 7509 Carpenter Rd. | | | | |
| ► LOCATION: | West side of Carpenter Road, north of W. Emory Road, east of Yount Road | | | | |
| SECTOR PLAN: | Northwest County | | | | |
| GROWTH POLICY PLAN: | Planned Growth Area | | | | |
| WATERSHED: | Beaver Creek | | | | |
| APPROXIMATE ACREAGE: | 2.08 acres | | | | |
| ZONING: | PR (Planned Residential) | | | | |
| EXISTING LAND USE: | Vacant land | | | | |
| PROPOSED USE: | Detached residential subdivision | | | | |
| SURROUNDING LAND USE AND ZONING: | North: Residence and vacant land PR (Planned Residential) South: Residences PR (Planned Residential) East: Residences A (Agricultural) West: Vacant land A (Agricultural) | | | | |
| NUMBER OF LOTS: | 9 | | | | |
| SURVEYOR/ENGINEER: | Fulghum MacIndoe & Associates, Inc. | | | | |
| ACCESSIBILITY: | Access is via Carpenter Rd., a minor collector street with a 16' pavement width within 50' right-of-way. | | | | |
| SUBDIVISION VARIANCES REQUIRED: | See the previous Concept Plan approval (9-SC-19-C / 9-J-19-UR) | | | | |

STAFF RECOMMENDATION:

Approve the Concept Plan subject to 6 conditions.

1. Connection to sanitary sewer and meeting any other relevant requirements of the utility provider.

2. Provision of a street name which is consistent with the Uniform Street Naming and Addressing System within Knox County (Ord. 91-1-102).

3. Verifying the total number of allowed residential lots when the subdivision is platted using the surveyed acreage of the property. The total number of lots is based on the maximum density of 4 du/ac of the approved PR zoning. The concept plan states the property is 19.46 acres and the proposed 79 lots has a density of 4.06 du/ac which is greater than the approved zoning density. The surveyed acreage of the development must be a

minimum of 19.75 acres to allow 79 lots, otherwise total number of lots must be reduced to be compliant with the zoning on the property.

4. Meeting all conditions of Concept Plan approval for the Dorchester (Unit 1) subdivision (9-SC-19-C), including but not limited to widening Carpenter Road from the subdivision entrance south to the entrance for Carpenter Ridge subdivision (Ridgewalk Lane), establishing the minimum sight distance at the subdivision entrance in both directions along Carpenter Road, obtaining off-site grading easements if needed for the construction of the entrance road (Road A), installation of sidewalks as identified on the concept plan, and providing the required sinkhole buffer, if necessary, on the final plat.

5. Prior to certification of the final plat for the subdivision, establishing a property owners association that will be responsible for maintenance of the common area, any amenities and the drainage system.

6. Submitting to Planning staff prior to final plat review by the Planning Commission or Planning staff, the certification of design plan approval form as required by the Knoxville-Knox County Subdivision Regulations.

Approve the development plan for up to 9 detached dwelling units on individual lots for Unit 2 of the Dorchester subdivision (up to 79 lots total), subject to 1 condition.

1) Meeting all applicable requirements of the Knox County Zoning Ordinance.

With the conditions noted, this plan meets the requirements for approval in the PR district and the criteria for approval of a use on review.

COMMENTS:

This proposal is for 9 additional lots to the Dorchester subdivision that was approved for 70 lots in 2019 (9-SC-19-C / 9-J-19-UR). The 2019 approval had a condition that if any additional lots are created in this subdivision, a traffic impact study must be submitted for review and approval. Staff determined that a transportation impact letter (TIL) is sufficient for this project, which was submitted by the applicant's engineer (Fulghum MacIndoe). The 2019 concept plan approval required the developer to widen Carpenter Road to a minimum of 18-FT from the subdivision entrance to Ridgewalk Lane (Carpenter Ridge subdivision)

The purpose of the TIL is primarily to evaluate the access point of the subdivision at Carpenter Road because of concern with the available sight distance looking north. The subdivision regulations require a minimum sight distance of 300-FT because the road speed limit is 30-MPH and the minimum stopping sight distance according to AASHTO is 200-FT. The TIL states there is only 54-FT of sight distance looking north because of a combination of trees and vegetation that is in the right-of-way and the slope of the ditch along Carpenter Road. The developer will be required to certify that sight distance can be obtained during permitting.

The total area of the subdivision according to the concept plan is 19.46 acres, which will only allow up to 78 lots based on the PR up to 4 du/ac zoning. Because the proposed density of 4.06 du/ac is so close to meeting the maximum allowed by the zoning, staff is recommending approval of the requested 79 lots with a condition that the maximum number of lots permitted be determined when the property is platted, which will provide the most accurate total acreage of the development.

This subdivision was originally approved before the Knox County sidewalk ordinance was adopted (Chapter 54, Article IV). The sidewalk was proposed as an amenity feature and the installation of the sidewalk was a condition of the approval. The planning commission also approved a reduction of the road pavement width from 26-FT to 22-FT. The sidewalks and roads were previously approved and are not part of this review.

DEVELOPMENT STANDARDS FOR USES PERMITTED ON REVIEW (ARTICLE 4.10 – SECTION 2) The planning commission, in the exercise of its administrative judgment, shall be guided by adopted plans and policies, including the general plan and the following general standards:

1) THE PROPOSED USE IS CONSISTENT WITH THE ADOPTED PLANS AND POLICIES, INCLUDING THE GENERAL PLAN AND SECTOR PLAN.

A. The Northwest County Sector Plan recommends LDR (Low Density Residential) uses for this site with a maximum of 5 du/ac. The proposed subdivision has a density of 4.06 du/ac.

2) THE USE IS IN HARMONY WITH THE GENERAL PURPOSE AND INTENT OF THE ZONING ORDINANCE.

A. The PR (Planned Residential) zone is intended to provide optional methods of land development which encourage more imaginative solutions to environmental design problems. Residential areas thus established would be characterized by a unified building and site development program, open space for recreation and provision for commercial, religious, educational, and cultural facilities which are integrated with the total project

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by unified architectural and open space treatment. Each planned unit development shall be compatible with the surrounding or adjacent zones. Such compatibility shall be determined by the planning commission by review of the development plans.

B. The proposed subdivision will have detached residential lot sizes that are comparable to those in existing and recently developed subdivisions in the area.

C. The property was rezoned to PR up to 4 du/ac and the proposed subdivision has a density of 4.06 du/ac. The total acreage of the development will be verified when the property is platted and must be a minimum of 19.75 acres to allow 79 lots.

3) THE USE IS COMPATIBLE WITH THE CHARACTER OF THE NEIGHBORHOOD WHERE IT IS PROPOSED, AND WITH THE SIZE AND LOCATION OF BUILDINGS IN THE VICINITY.

A. The proposed single-family detached subdivision has a similar character as other residential subdivisions in this area. The individual house lots created along Carpenter Road have larger lot sizes because the properties are zoned A (Agricultural) which has a 1-acre minimum lot size.

4) THE USE WILL NOT SIGNIFICANTLY INJURE THE VALUE OF ADJACENT PROPERTY.A. The use of the property for single-family residential should not significantly injure the value of the adjacent properties.

5) THE USE WILL NOT DRAW ADDITIONAL TRAFFIC THROUGH RESIDENTIAL AREAS.

A. The development will have direct access to Carpenter Road which is a minor collector street.

B. The developer is required to widen Carpenter Road to a minimum of 18-FT from the subdivision entrance to Ridgewalk Lane.

6) THE NATURE OF DEVELOPMENT IN THE SURROUNDING AREA IS NOT SUCH AS TO POSE A POTENTIAL HAZARD TO THE PROPOSED USE OR TO CREATE AN UNDESIRABLE ENVIRONMENT FOR THE PROPOSED USE.

A. There are no known uses in the area that could be a potential hazard or create an undesirable environment for the proposed residential use.

B. The developer must certify that the required sight distance can be obtained in both directions on Carpenter Road at the subdivision entrance.

ESTIMATED TRAFFIC IMPACT: A traffic impact study was prepared by the applicant. The findings of that study were used in formulating the recommendations of this staff report.

ESTIMATED STUDENT YIELD: 4 (public school children, grades K-12)

Schools affected by this proposal: Karns Elementary, Karns Middle, and Karns High.

• Potential new school population is estimated using locally-derived data on public school student yield generated by new housing.

• Students are assigned to schools based on current attendance zones as determined by Knox County

Schools. Students may request transfers to different zones, and zone boundaries are subject to change.
Estimates presume full build-out of the proposed development. Build-out is subject to market forces, and timing varies widely from proposal to proposal.

• Student yields from new development do not reflect a net addition of children in schools. Additions occur incrementally over the build-out period. New students may replace current population that ages through the system or moves from the attendance zone.

Knoxville-Knox County Planning Commission's approval or denial of this concept plan request is final, unless the action is appealed to Knox County Chancery Court. The date of the Knox County Chancery Court hearing will depend on when the appeal application is filed.

Knoxville-Knox County Planning Commission's approval or denial of this use on review request is final, unless the action is appealed to the Knox County Board of Zoning Appeals. The date of the Knox County Board of Zoning Appeals hearing will depend on when the appeal application is filed.





8-C-21-UR

| Non-Hillsi | Acres 19.44 | | | | |
|---------------------------------------|-----------------------|------------|-------|--|--|
| Hillside and Ridgetop Protection Area | | | | | |
| Value | Percent Slope | Count | Acres | | |
| 1 | 0%-15% | 79 | 0.05 | | |
| 2 | 15%-25% | 119 | 0.07 | | |
| 3 | 25%-40% | 39 | 0.02 | | |
| 4 | >40% | 3 | 0.00 | | |
| | | | 0.14 | | |
| Ridgetop | 0 | | | | |
| | | Site Total | 19.58 | | |



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Mesana Investments, LLC

Development Request

DEVELOPMENT Development Plan Planned Development Use on Review / Special Use □ Hillside Protection COA

SUBDIVISION Concept Plan □ Final Plat

Affiliation

ZONING D Plan Amendment □ SP □ OYP □ Rezoning

File Number(s)

December 2020

Applicant Name August 12, 2021 Meeting Date (If applicable) CORRESPONDENCE All correspondence related to this application should be directed to the approved contact listed below. 🖸 Owner 📋 Option Holder 🔲 Project Surveyor Engineer Architect/Landscape Architect Applicant Mesana Investments, LLC Scott Davis

Company Name Knoxville TN 37939 P.O. Box 11315 ZIP City State Address swd444@gmail.com 865.693.3356 Phone Email . **CURRENT PROPERTY INFO** 865.693.3356 Eagle Bend Development, LLC P.O. Box 11315, Knoxville, TN 37939 **Owner Phone Owner Address Owner Name (If different)** 078.035 7509 Carpenter Road

| Property Address | Parcel ID | |
|------------------|---------------|-------------|
| WKUD | WKUD . | Ν |
| Sewer Provider | WaterProvider | Septic (Y/N |

STAFF USE ONLY (part of) res Tract Size **General Location** County Zoning District Existing Land Use Sector Plan Land Use Classification **Growth Policy Plan Designation** or thirest

| Development Plan III Use on Review / Special Use II Hillside Protection COA III Residential II Non-Residential Home Occupation (specify) Single Family | Related City Permit Number(s) |
|---|---|
| Other (specify) | |
| SUBDIVISION REQUEST | Related Rezoning File Number |
| Dorchester | Velaced Veronius Lue Manupel |
| Proposed Subdivision Name 9 2 Divide Parcel Total Number of Lots Created | |
| Other (specify) | |
| Attachments / Additional Requirements | |
| TONUNG REQUISE | |
| ZONING REQUEST | Pending Plat File Number |
| Zoning Change Proposed Zoning | _ |
| Proposed zoning Plan Amendment Change | are post of the second s |
| Proposed Plan Designation(s) | |
| Proposed Density (units/acre) Previous Rezoning Requests | |
| Other (specify) | |
| | |
| ANT PER LIGE ONLY | |
| STAFF USE ONLY | Total |
| PLAT TYPE Fee 1 | Total |
| PLAT TYPE Fee 1 Staff Review Defining Commission 0406 15 | Total |
| PLAT TYPE Fee 1 Staff Review Delanning Commission ATTACHMENTS Fee 2 Fee | Total |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS 04000 Property Owners / Option Holders Variance Request ADDITIONAL REQUIREMENTS 1 | Total |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS OHOG Property Owners / Option Holders Variance Request ADDITIONAL REQUIREMENTS Fee 3 | Total |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS 04000 Property Owners / Option Holders Variance Request ADDITIONAL REQUIREMENTS Fee 2 Design Plan Certification (Final Plat) Fee 3 Use on Review / Special Use (Concept Plan) Fee 3 | 300.00 |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS O4000 Property Owners / Option Holders Variance Request ADDITIONAL REQUIREMENTS Fee 2 Design Plan Certification (<i>Final Plat</i>) Fee 3 Use on Review / Special Use (Concept Plan) Fee 3 | Total 300.00 #1300.00 |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS Property Owners / Option Holders Variance Request ADDITIONAL REQUIREMENTS Design Plan Certification (<i>Final Plat</i>) Use on Review / Special Use (Concept Plan) Traffic Impact Study COA Checklist (Hillside Protection) | 300.00 #1300.00 |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS Option Holders Variance Request Property Owners / Option Holders Variance Request ADDITIONAL REQUIREMENTS Fee 2 Design Plan Certification (Final Plat) Fee 3 Use on Review / Special Use (Concept Plan) Fee 3 Traffic Impact Study COA Checklist (Hillside Protection) AUtitit (a) (VANUCAN By signing below, I certify I am the property owner, applicant or the owner. | 300.00 #1300.00 |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS Office Property Owners / Option Holders Variance Request ADDITIONAL REQUIREMENTS Fee 2 Design Plan Certification (Final Plat) Fee 3 Use on Review / Special Use (Concept Plan) Fee 3 Traffic Impact Study COA Checklist (Hillside Protection) Attraction By signing below, I certify I am the property owner, applicant or the owner. Attraction Scott Davis | 300.00 #1300.00 |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS Option Holders Variance Request ADDITIONAL REQUIREMENTS Fee 2 Design Plan Certification (Final Plat) Fee 3 Use on Review / Special Use (Concept Plan) Fee 3 Traffic Impact Study COA Checklist (Hills/de Protection) AUDITIONAL REQUIREMENTS By signing below, I certify I am the property owner, applicant or the owner, applicant signature | 300.00 #1300.00 vners authorized representative. 6 21 - 24 21 |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS Property Owners / Option Holders Variance Request ADDITIONAL REQUIREMENTS Fee 2 Design Plan Certification (Final Plat) Fee 3 Use on Review / Special Use (Concept Plan) Fee 3 Traffic Impact Study COA Checklist (Hillside Protection) AUUILITATIONAL Signature By signing below, I certify I am the property owner, applicant or the owner, | 300.00 #1300.00 vners authorized representative. 6 21 - 24 21 |
| PLAT TYPE Fee 1 Staff Review Planning Commission ATTACHMENTS Option Holders Variance Request ADDITIONAL REQUIREMENTS Fee 2 Design Plan Certification (Final Plat) Fee 3 Use on Review / Special Use (Concept Plan) Fee 3 Traffic Impact Study COA Checklist (Hills/de Protection) AUDITIONAL REQUIREMENTS By signing below, I certify I am the property owner, applicant or the owner, applicant signature | 300.00 #1300.00 mers authorized representative. 6 21 - 2021 Date |

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NAMES OF ALL PROPERTY OWNERS INVOLVED OR HOLDERS OF OPTION ON SAME MUST BE LISTED BELOW:

Please print or type in black ink:

| NAME | ADD | RESS | CITY | STATE | ZIP | OWNER / OPTION |
|------------------------|--------------|---|-----------|-------|-------|---------------------------------------|
| Eagle Bend Development | ;, LLC | P.O. Box 11315 | Knoxville | TN | 37939 | X |
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VARIANCES REQUESTED



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1. Reduce ROW radius from 25-ft to 0-ft at Intersection of Road "A" and Carpenter Road

Justify variance by Indicating hardship: Property constraints

2. Reduce horizontal curve radius from 250-ft to 150-ft from STA 16+17.66 to STA 18+35.61 along Road "A" Justify variance by indicating hardship: Property constraints

3. <u>Reduce horizontal curve radius from 250-ft to 175-ft from STA 20+65.10 to STA 23+36.25 along Road "A"</u> Justify variance by indicating hardship: Property constraints

4. <u>Reduce horizontal curve radius from 250-ft to 175-ft from STA 25+48.53 to STA 27+86.49 along Road "A"</u> Justify variance by indicating hardship: Property constraints

Justify variance by indicating hardship:

5. ______

6. ._____

7. _____

Justify variance by indicating hardship:

Justify variance by indicating hardship:

Signature

6-21-2021

I certify that any and all variances needed to meet regulations are requested above, or are attached. I understand and agree that no additional variances can be acted upon by the legislative body upon appeal and none will be requested. I hereby waive the requirement for approval or disapproval of the plat within sixty (60) days after its submission, in accordance with the provisions of Tennessee Code Annotated 13-3-404.

Date



Sign Posting & Removal Requirement

Revised April 2021

The Administrative Rules and Procedures of the Knoxville-Knox County Planning Commission require a sign to be posted on the property for each application subject to consideration by the Planning Commission, including the following applications: rezoning, plan amendment, concept plan, use on review/special use, planned development, right-ofway closure, and name change.



The required public notice sign(s) will be provided by Planning to the applicant when an application is submitted. If an application is submitted electronically, Planning staff will post the required sign. If a replacement sign(s) is needed, the applicant is responsible for picking up the new sign(s) from Planning and will be charged \$10 for each replacement.

LOCATION AND VISIBILITY

The sign must be posted on the nearest adjacent/frontage street and in a location clearly visible to vehicles traveling in either direction. If the property has more than one street frontage, the sign should be placed along the street that carries more traffic. Planning staff may recommend a preferred location for the sign to be posted at the time of application.

TIMING

The sign(s) must be posted **not less than 12 days prior to the scheduled Planning Commission public** hearing and must remain in place until the day after the meeting. In the case of a postponement, the sign can either remain in place or be removed and reposted not less than 12 days prior to the next Planning Commission meeting. The applicant is responsible for removing the sign after the application has been acted upon by the Planning Commission.

The individual below is responsible for posting and removing the sign(s) provided consistent with the above guidelines and between the dates of:

| July 28 (Wed) and | aug 13 (Ini) |
|-----------------------------------|----------------------------|
| (applicant or staff to post sign) | (applicant to remove sign) |
| Applicant Name: Mesana Investme | Sign posted by Staff |
| Date: | Sign posted by Applicant |
| File Number: | |

Knoxville-Knox County Planning | KnoxPlanning.org 400 Main Street, Suite 403 | Knoxville, TN 37902 | 865.215.2500