Planning

## SUBDIVISION REPORT CONCEPT/DEVELOPMENT PLAN

- FILE \#: 5-SC-23-C

AGENDA ITEM \#:
27
5-C-23-DP
AGENDA DATE: 5/11/2023

- SUBDIVISION:
- APPLICANT/DEVELOPER: OWNER(S):


## SPARKS MEADOW

W. SCOTT WILLIAMS \& ASSOCIATES

Ron Worley Worley Builders Inc.

TAX IDENTIFICATION:
JURISDICTION:
STREET ADDRESS:

- LOCATION:

SECTOR PLAN:
GROWTH POLICY PLAN:
WATERSHED:

- APPROXIMATE ACREAGE:
$91 \quad 077.09$
County Commission District 6
6917 BALL RD
North side of Ball Road, west of Bakertown Road
Northwest County
Planned Growth Area
Beaver Creek
20.53 acres
- ZONING:
- EXISTING LAND USE:
- PROPOSED USE:

SURROUNDING LAND USE AND ZONING:

## PR (Planned Residential)

## Agriculture/Forestry/Vacant Land

Detached residential subdivision
North: Agriculture/forestry/vacant -- RA (Low Density Residential)
South: Agriculture/forestry/vacant -- A (Agricultural)
East: Agriculture/forestry/vacant, Rural residential -- RA (Low Density Residential)
West: Agriculture/forestry/vacant -- RA (Low Density Residential), A (Agricultural)

- NUMBER OF LOTS:

SURVEYOR/ENGINEER:
ACCESSIBILITY:
SUBDIVISION VARIANCES REQUIRED:

39
Scott Williams W. Scott Williams and Associates
Access is via Ball Road, a major collector, with a pavement width of 21 ft within a right-of-way width of 50-60 ft.

## VARIANCES

1. Reduce the minimum vertical curve length from 250 ft to 100 ft on Road ' $A$ ' between STA 12+20.99 and 13+20.99
2. Reduce the minimum tangent distance between reverse curves from 50 ft to 0 ft on Road ' $A$ ' between STA 4+89.88 and 6+63.18
3. Increase the maximum cul-de-sac grade from 10 percent to 12 percent

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOXVILLE-KNOX COUNTY PLANNING COMMISSION APPROVAL

1. Reduce the minimum private right-of-way width from 50 ft to 40 ft
2. Reduce the minimum private right-of-way pavement width from 26 ft

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# ALTERNATIVE DESIGN STANDARDS REQUIRING KNOX COUNTY ENGINEERING AND PUBLIC WORKS APPROVAL <br> ** See attached variance and alternative design request form 

## STAFF RECOMMENDATION:

## * Approve the requested variances and alternative design standards based on the justification provided by the applicant and recommendations of the Knox County Department of Engineering and Public Works.

## Approve the Concept Plan subject to 5 conditions.

1) Connection to sanitary sewer and meeting other relevant utility provider requirements.
2) Provision of street names consistent with the Uniform Street Naming and Addressing System within Knox County (County Ord. 91-1-102).
3) Providing the required wetland and stream buffers on the final plat.
4) Meeting all applicable requirements of the Knox County Department of Engineering and Public Works.
5) Before certification of the final plat for the subdivision, establish a property owners association or other legal entity responsible for maintaining common facilities, such as common areas, amenities, private roads, and/or stormwater drainage systems.

* Approve the development plan for a detached residential subdivision with up to 39 lots and reduction of the peripheral setback to 25 ft along the east and west property lines, except for the portions of lots 25-28 identified on plan sheet CC1, subject to 2 conditions.

1) Meeting all applicable requirements of the Knox County Zoning Ordinance.
2) Installing the 8 ft tall privacy fence along the rear lot lines of lots 25-28, as noted and shown on sheet CC1.

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

## COMMENTS:

This proposal is for a 39-lot detached residential subdivision on 20.54 acres, with a density of 1.9 du/ac. This property was previously approved for a 55-lot subdivision (9-SC-22-C / 9-C-22-DP). During the previous review, it was noted that there is a potential blue line stream on the property. The stream determination confirmed that it is a blue line stream and also identified wetlands on the property. The revised plan also converts the road to a private right-of-way (ROW) to allow for flexibility with the pavement and ROW widths. The proposed private ROW has a ROW width of 40 ft and 22 ft of pavement.

The property was rezoned from RA (Low Density Residential) to PR (Planned Residential) up to 3 du/ac in August 2022 (7-O-22-RZ). The portion of the property being developed is long and narrow, with a single cul-desac road. The rear portion of the site is within the Hillside Protection area and will largely remain undisturbed.

The applicant requests a reverse curve tangent variance for the proposed chicane at the midpoint of Road ' A '. This request is supported by staff because it will help reduce travel speeds on this residential street, which would otherwise be entirely straight. There is also a variance request to reduce the vertical curve length K value from 25 to 10 where the private road crosses the blue line stream. This sag curve is supported by staff because it will not create sight distance issues, reduces disturbance around the stream and wetland, and is close to the end of the street where traffic volume is lowest and speeds are reduced.
During the rezoning process, the neighboring property owner adjacent to lots $25-28$ expressed concern with houses being located too close to the shared property line. The developer has entered into a private agreement to install an 8-ft tall privacy fence that is approximately 250 ft long along the rear lot lines of lots 25-28.

DEVELOPMENT PLAN ANALYSIS PER ARTICLE 6, SECTION 6.50 .06 (APPROVAL OR DENIAL) In the exercise of its administrative judgment, the Planning Commission shall determine if the proposed plan is in harmony with the general purpose and intent of the zoning ordinance and adopted plans.

1) ZONING ORDINANCE PR (Planned Residential) up to 3 du/ac:
a) The PR zone allows detached dwellings as a permitted use. The administrative procedures for the PR zone require the Planning Commission to approve the development plan before permits can be issued (Article 5,

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Section 5.13.15).
b) This PR zone district is approved for a maximum of 3 du/ac. The proposed density is 1.9 du/ac.
c) The peripheral setback is 35 ft , however, the planning commission may reduce it to 15 ft when the adjacent property is zoned agricultural or residential. The applicant requests a 25 ft peripheral setback for lots 1-24 and 29-39 "due to the limited width of the property and long distance to nearby homes."
2) GENERAL PLAN - DEVELOPMENT POLICIES
a) Policy 9.2, Encourage development practices that respect and fit the natural landscape, minimizing the loss of trees, woodlands, and wildlife habitat - The forested hillside at the rear of the property will be largely undisturbed.
b) Policy 9.3, Ensure that the context of new development, including scale and compatibility, does not impact existing neighborhoods and communities -- The proposed peripheral setback reduction should have minimal impact on adjacent properties because of the distance to adjacent residential structures. Where there is a nearby residential structure, the peripheral setback will remain $35^{\prime}$, and a privacy fence will be installed. The proposed single-family houses should have a similar scale as the other residential development in the area. c) Policy 9.8, Encourage a mixture of housing sizes and prices within planned residential developments - This proposal is for detached residential units only. The mix of house sizes and price points are to be determined by the developer.
3) NORTHWEST COUNTY SECTOR PLAN
a) The property is classified LDR (Low Density Residential), which allows consideration of up to 5 du/ac. The development will have a density of 1.9 du/ac.
b) Approximately 12.75 acres of this $20+$ acre property is within the Hillside Protection (HP) area. The HP slope analysis recommends a maximum of 3.7 acres of land disturbance within the HP area. The proposal includes approximately 1.6 acres of disturbance in the HP area.
4) KNOXVILLE - FARRAGUT - KNOX COUNTY GROWTH POLICY PLAN
a) The property is within the Planned Growth Boundary. The purposes of the Planned Growth Boundary designation are to encourage a reasonably compact pattern of development, promote the expansion of the Knox County economy, offer a wide range of housing choices, and coordinate the actions of the public and private sectors, particularly with regard to the provision of adequate roads, utilities, schools, drainage and other public facilities and services.

## ESTIMATED TRAFFIC IMPACT: 424 (average daily vehicle trips)

Average Daily Vehicle Trips are computed using national average trip rates reported in the latest edition of "Trip Generation," published by the Institute of Transportation Engineers. Average Daily Vehicle Trips represent the total number of trips that a particular land use can be expected to generate during a 24-hour day (Monday through Friday), with a "trip" counted each time a vehicle enters or exits a proposed development.

## ESTIMATED STUDENT YIELD: 16 (public school children, grades $\mathrm{K}-12$ )

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.

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The Planning Commission's approval or denial of this development plan request is final, unless the action is appealed either to the Board of Zoning Appeals or to a court of competent jurisdiction within thirty (30) days of the decision being appealed (Knox County, Tennessee Code of Ordinances, Appendix A, Zoning, 6.50.08).


5-SC-23-C / 5-C-23-DP- Sparks Meadow Subdivision

VARIANCES

1. Reduce the minimum vertical curve $K$ value from 25 to 10 on Road ' $A$ ' between STA $12+20.99$ and $13+20.99$
2. Reduce the minimum tangent distance between reverse curves from 50 ft to 0 ft on Road ' A ' between STA 4+89.88 and 6+63.18
3. Increase the maximum cul-de-sac grade from 10 percent to 12 percent

## ALTERNATIVE DESIGN STANDARDS REQUIRING KNOXVILLE-KNOX COUNTY PLANNING COMMISSION APPROVAL

1. Reduce the minimum private right-of-way width from 50 ft to 40 ft
2. Reduce the minimum private right-of-way pavement width from 26 ft to 22 ft

## ALTERNATIVE DESIGN STANDARDS REQUIRING KNOX COUNTY ENGINEERING AND PUBLIC WORKS APPROVAL

1. None

KNOX COUNTY ENGINEERING AND PUBLIC WORKS RECOMMENDATION:

## Recommend approval since no unsafe conditions are created.

Steve Elliott 5/4/2023

| CATEGORY | ACRES | RECOMMENDED DISTURBANCE BUDGET (Percent) | DISTURBANCE AREA (Acres) |
| :---: | :---: | :---: | :---: |
| Total Area of Site | 21.33 |  |  |
| Non-Hillside | 8.58 | N/A |  |
| 0-15\% Slope | 0.70 | 100\% | 0.7 |
| 15-25\% Slope | 3.42 | 50\% | 1.7 |
| 25-40\% Slope | 4.35 | 20\% | 0.9 |
| Greater than 40\% Slope | 4.29 | 10\% | 0.4 |
| Ridgetops |  |  |  |
| Hillside Protection (HP) Area | 12.75 | Recommended disturbance budget within HP Area (acres) | 3.7 |
|  |  | Percent of HP Area | 0.3 |






## CORRESPONDENCE

All correspondence related to this application should be directed to the approved contact listed below.
Scott Williams W. Scott Williams and Associates
Name / Company

4530 Annalee Way Way Knoxville TN 37921
Address

865-692-9809 / wscottwill@comcast.net
Phone / Email
CURRENT PROPERTY INFO

| Ron Worley Worley Builders Inc. | P.O. Box $\mathbf{7 1 0 2 2}$ Knoxville TN 37938 | 865-922-2600 / worleybuildersr |
| :--- | :--- | :--- |
| Owner Name (if different) | Owner Address | Owner Phone / Email |

6917 BALL RD
Property Address

| $\mathbf{9 1} \mathbf{0 7 7 . 0 9}$ |  | 20.53 acres |  |
| :--- | :--- | :--- | :--- |
| Parcel ID | Part of Parcel $(Y / N) ?$ | Tract Size |  |
| West Knox Utility District | West Knox Utility District |  |  |
| Sewer Provider | Water Provider | Septic $(\mathrm{Y} / \mathrm{N})$ |  |

## STAFF USE ONLY

## North side of Ball Road, west of Bakertown Road

## General Location

| $\square$ City | Commission District 6 | PR (Planned Residential) | Agriculture/Forestry/Vacant Land |
| :--- | :--- | :--- | :--- |
|  | County | District | Zoning District |
| Northwest County | LDR (Low Density Residential), HP (Hillside Protection) | Existing Land Use |  |
| Planning Sector | Sector Plan Land Use Classification | Growth Policy Plan Designation |  |

DEVELOPMENT REQUEST

| $\square$ Development Plan $\square$ Planned Development | $\square$ Use on Review / Special Use | Related City Permit Number(s) |  |
| :--- | :--- | :--- | :--- |
| $\square$ Hillside Protection COA | $\square$ Residential $\quad \square$ Non-residential |  |  |
| Home Occupation (specify) |  |  |  |

Other (specify) Detached residential subdivision

## SUBDIVSION REQUEST

| Sparks Meadow |  | Related Rezoning File Number |
| :--- | :--- | :--- |
| Proposed Subdivision Name |  |  |
| Unit / Phase Number | $\checkmark$ Split Parcels | $\mathbf{3 8}$ |
| Additional Information |  |  |

$\square$ Attachments / Additional Requirements

## ZONING REQUEST

| $\square$ Zoning Change |  | Pending Plat File Number |
| :--- | :--- | :--- |
|  | Proposed Zoning |  |
| $\square$ Plan |  |  |
| $\quad$ Amendment | Proposed Plan Designation(s) |  |

Proposed Density (units/acre) Previous Zoning Requests
Additional Information

## STAFF USE ONLY

| PLAT TYPE | Fee 1 | Total |
| :---: | :---: | :---: |
| $\square$ Staff Review $\quad \square$ Planning Commission | \$1,500.00 |  |
| ATTACHMENTS |  |  |
| $\square$ Property Owners / Option Holders $\square$ Variance Request | Fee 2 |  |
| ADDITIONAL REQUIREMENTS |  |  |
| $\square$ COA Checklist (Hillside Protection) |  |  |
| $\square$ Design Plan Certification (Final Plat) | Fee 3 |  |
| $\checkmark$ Site Plan (Development Request) |  |  |
| $\square$ Traffic Impact Study |  |  |
| $\square$ Use on Review / Special Use (Concept Plan) |  |  |

AUTHORIZATION

|  | W. Scott Williams \& Associates | 3/28/2023 |
| :--- | :--- | :--- |
| Applicant Signature | Please Print | Date |

Phone / Email

|  | Ron Worley Worley Builders Inc. |
| :--- | :--- |
| Property Owner Signature | Please Print |
| I declare under penalty of perjury the foregoing (i.e., he/she/they is/are the owner of the property and that the application and all associated materials are being |  |
| submitted with his/her/their consent) is true and correct. |  |



CURRENT PROPERTY INFO

| Worley Builders, Inc. | P.O. Box 71022 Knoxville,TN 37918 | 865-922-2600 |  |
| :--- | :--- | :--- | :--- |
| Property Owner Name (if different) | Property Owner Address | Property Owner Phone |  |
| 6917 Ball Road |  | 9107709 |  |
| Property Address | Parcel ID |  |  |
| WKUD | WKUD | N |  |
| Sewer Provider | Water Provider | Septic (Y/N) |  |
| STAFF USE ONLY |  |  |  |


| Northorn_Parcelapprown600-4. SW of Bakertown and Ball Rd. intersection |  |  | 20.53 |
| :---: | :---: | :---: | :---: |
| General Location |  |  | Tract Size |
| 6 | PR 3DU/AC | Ag for Vac |  |
|  |  | Existing |  |
| Northwest County LPR/HP | LDR/HP | Existing |  |
|  | Alorthwest-Geunty |  | Planne |
| Planning Sector | Sector Plan Land Use Class |  | Growth |


| $\square$ Development Plan $\quad \square$ Residential $\square$ Non-Residential | Related City Permit Numbers) |
| :--- | :--- | :--- |
| $\quad \square$ Protection COA |  |
| Home Occupation (specify) |  |
| Other (specify) Detached residential subdivision |  |

## SUBDIVISION REQUEST


$\square$ Other (specify)
$\square$ Attachments / Additional Requirements

## ZONING REQUEST

| $\square$ Zoning Change $\quad$ Proposed Zoning | Pending Plat File Number |
| :--- | :---: |
| Plan Amendment Change |  |


| Proposed Density (units/acre) | Previous Rezoning Requests |
| :--- | :--- |
| $\square$ Other (specify) |  |

## STAFF USE ONLY



## AUTHORIZATION



Applicant Signature
865-692-9809
Phone Number
W. Scott Williams \& Associates

Please Print

wscottwill@comcast.net
Email

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:

April 28, 2023
and
May 12, 2023
(applicant or staff to post sign)
(applicant to remove sign)

Applicant Name: W. Scott Williams \& Associates
Date: 3/28/2023
Sign posted by Staff

File Number: 5-SC-23-C / 5-C-23-DP $\square$ Sign posted by Applicant

