

## KNOXVILLE/KNOX COUNTY METROPOLITAN PLANNING COMMISSION SUBDIVISION REPORT - CONCEPT

۲	FILE #: 10-SD-16-C	AGENDA ITEM #: 16
		AGENDA DATE: 10/13/2016
►	SUBDIVISION:	LAUREL RIDGE, PHASE TWO
►	APPLICANT/DEVELOPER:	BALL HOMES, LLC
	OWNER(S):	Ball Homes, LLC
	TAX IDENTIFICATION:	103 10803, 10805, 10806,10807 View map on KGIS
	JURISDICTION:	County Commission District 6
	STREET ADDRESS:	11137 Hardin Valley Rd
۲	LOCATION:	Northwest side of Hardin Valley Rd., west of Berrywood Dr.
	SECTOR PLAN:	Northwest County
	GROWTH POLICY PLAN:	Planned Growth Area
	WATERSHED:	Beaver Creek and Conner Creek
۲	APPROXIMATE ACREAGE:	46 acres
►	ZONING:	PR (Planned Residential)
۲	EXISTING LAND USE:	Vacant land
۲	PROPOSED USE:	Detached Residential Subdivision
	SURROUNDING LAND USE AND ZONING:	North: Vacant land and residence / PR (Planned Residential) and A (Agricultural) South: Residences / PR (Planned Residential) East: Vacant land / A (Agricultural) West: Residences / RA (Low Density Residential) and A (Agricultural)
►	NUMBER OF LOTS:	142
	SURVEYOR/ENGINEER:	Ideal Engineering Solutions, Inc
	ACCESSIBILITY:	Access is via Hardin Valley Rd., a minor arterial street with a 3 lane street section within an 60' right-of-way (88' required).
•	SUBDIVISION VARIANCES REQUIRED:	<ol> <li>Horizontal curve radius on Road B at STA 0+47, from 250' to 125'.</li> <li>Horizontal curve radius on Road B at STA 1+46, from 250' to 125'.</li> <li>Horizontal curve radius on Road D at STA 16+90, from 250' to 125'.</li> <li>Reverse curve tangent variance on Road B at STA 1+38, from 50' to 8.87'.</li> <li>Reverse curve tangent variance on Road B at STA 9+41, from 50' to 43.46'.</li> </ol>

## **STAFF RECOMMENDATION:**

APPROVE variances 1-5 because the site's topography and shape restrict compliance with the Subdivision Regulations and the proposed variances will not create a traffic hazard.

## APPROVE the Concept Plan subject to 13 conditions

1. Connection to sanitary sewer and meeting any other relevant requirements of the Knox County Health Department.

2. Provision of street names which are consistent with the Uniform Street Naming and Addressing System

	AGENDA ITEM #: 16	FILE #: 10-SD-16-C	10/5/2016 12:08 PM	TOM BRECHKO	PAGE #:	16-1
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within Knox County (Ord 91-1-102).

3. Installation of sidewalks as identified on the concept plan. Sidewalks shall meet all applicable requirements of the Americans with Disabilities Act (ADA) and the Knox County Department of Engineering and Public Works. A bond shall be provided to the Knox County Department of Engineering and Public Works by the developer in an amount sufficient to guarantee the installation of the sidewalks.

4. The three stub-out street connection to the adjoining property that are shown on the Concept Plan shall be improved to the requirements of the Knox County Department of Engineering and Public Works.

5. Prior to obtaining a design plan approval for the subdivision, submitting a detailed grading plan to the Knox County Department of Engineering and Public Works and Planning Commission Staff that documents all proposed lots will have adequate building sites and yard areas with driveway grades not exceeding a 15% grade. Those lots that cannot comply with this condition will have to be combined with adjoining lots on any final plats submitted to the Planning Commission for approval.

6. Implementation of the intersection improvements and recommendations outlined in the Traffic Impact Study prepared by Ajax Engineering as revised on March 30, 2016. The design details and timing of the installation of the improvements shall be worked out with the Knox County Department of Engineering and Public Works during the design plan stage for the subdivision.

7. Installation of traffic calming devices as required by the Knox County Department of Engineering and Public Works.

8. All closed contours/sinkholes and the 50' setback around the feature shall be shown on the final plat. Building construction within the 50' setback may be permitted if a geotechnical study prepared by a registered engineer states that building within the 50' sinkhole buffer is acceptable and the study is approved by the Knox County Department of Engineering and Public Works. The geotechnical study must be completed and submitted to Knox County Department of Engineering and Public Works prior to submission of the final plat for any lots that do not have a building area outside of the 50' setback area. A 5' drainage easement extending outside of the uppermost closed contour is required. Building construction is not permitted within the hatchered contour area of the sinkhole or the drainage easement. Engineered footings may be required for any structures within the 50' sinkhole buffer.

9. Meeting all applicable requirements of the Knox County Department of Engineering and Public Works.
 10. Prior to certification of the final plat for the subdivision, establishing a property owners association that will be responsible for the maintenance of the common areas, recreational amenities and drainage system.
 11. Submitting a final plat for review and approval of the combination of Tax Parcel 103-10801 and the 4.1 acre portion of Tax Parcel 103-10805 that is located on the west side of Road A at the entrance of the subdivision. The approved plat shall be recorded prior to the approval of the first final plat for this subdivision.
 12. A final plat application based on this concept plan will not be accepted for review by the MPC until certification of design plan approval has been submitted to the MPC staff.

13. Meeting all applicable conditions of the Planning Commission's approvals for 4-SA-16-C and 4-D-16-UR.

## COMMENTS:

The Planning Commission approved a Concept Plan and Use on Review application (4-SA-16-C/4-D-16-UR) for this site that is located on the northwest side of Hardin Valley Rd., northeast of Brighton Farms Blvd., on April 14, 2016. The approved Concept Plan included 227 detached residential lots at a density of 3.26 du/ac. The Knox County Commission had approved the rezoning request to PR (Planned Residential) at a density of up to 4 du/ac. on April 25, 2016.

The applicant is proposing a revision to the approved Concept Plan and has submitted a revised concept plan that divides the subdivision into two phases. The first phase which includes 27.7 acres with a total of 55 lots is the southeastern portion of the site which has direct access off of Hardin Valley Rd. This portion of the subdivision remains unchanged from the original approval except for some slight adjustment to the lots. The second phase of the subdivision includes changes to the street layout and lots with a total of 142 lots on 46 acres. The revised Concept Plan that is before the Planning Commission for review and approval is Phase II. The proposed subdivision with the changes will have a total of 197 lots with a density of 2.67 du/ac.

The proposed subdivision will be served by public streets with access out to Hardin Valley Rd. While the property fronts on a section of Sam Lee Rd. it is not at a location that would be acceptable for a second street connection. The proposed subdivision will include sidewalks that will connect to the existing sidewalks located along Hardin Valley Rd. The revised Concept Plan includes three stub-out streets to the larger parcels located to the northeast and southwest side of the proposed subdivision. The stub-out streets are recommended to be improved to the adjoining property.

A Traffic Impact Study was prepared by Ajax Engineering for this development with the last revision date being March 30, 2016. The study recommends turn lane improvements on Hardin Valley Rd. at the proposed subdivision entrance.

AGENDA ITEM #: 16	FILE #: 10-SD-16-C	10/5/2016 12:08 PM	TOM BRECHKO	PAGE #:	16-2

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: 75 (public and private school children, ages 5-18 years)

Schools affected by this proposal: Hardin Valley Elementary, Karns Middle, and Hardin Valley Academy.

• School-age population (ages 5–18) is estimated by MPC using data from a variety of sources.

• While most children will attend public schools, the estimate includes population that may be home-schooled, attend private schools at various stages of enrollment, or drop out of the public system.

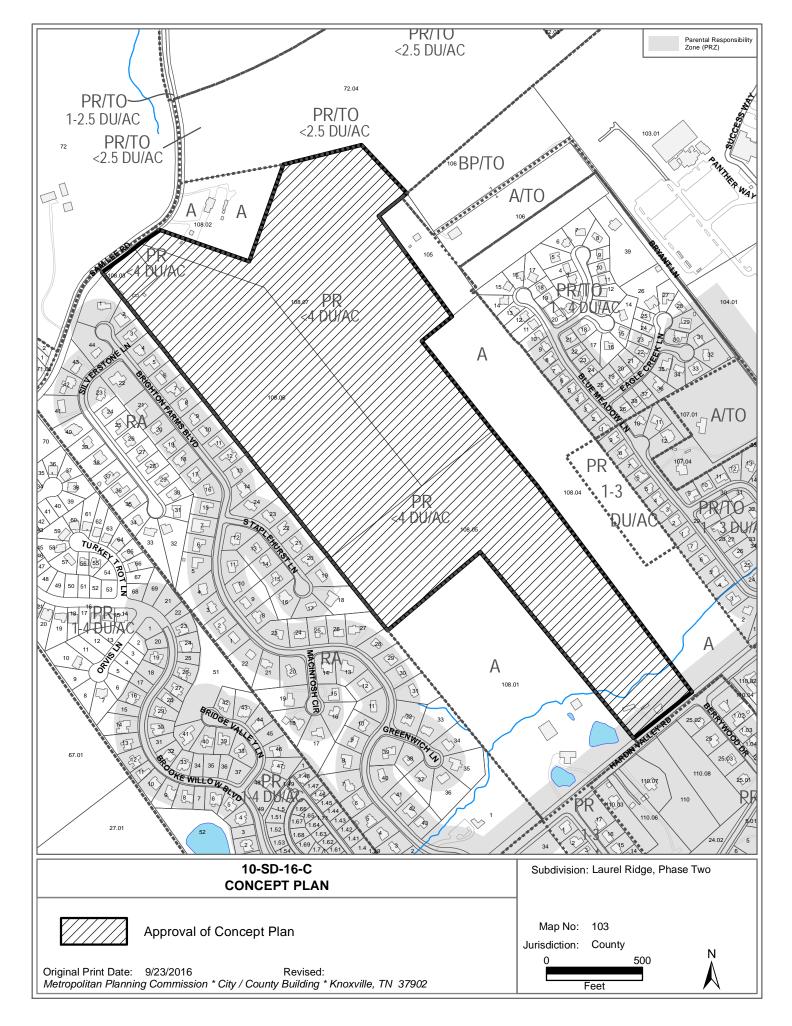
• Students are assigned to schools based on current attendance zones as determined by Knox County Schools. Zone boundaries are subject to change.

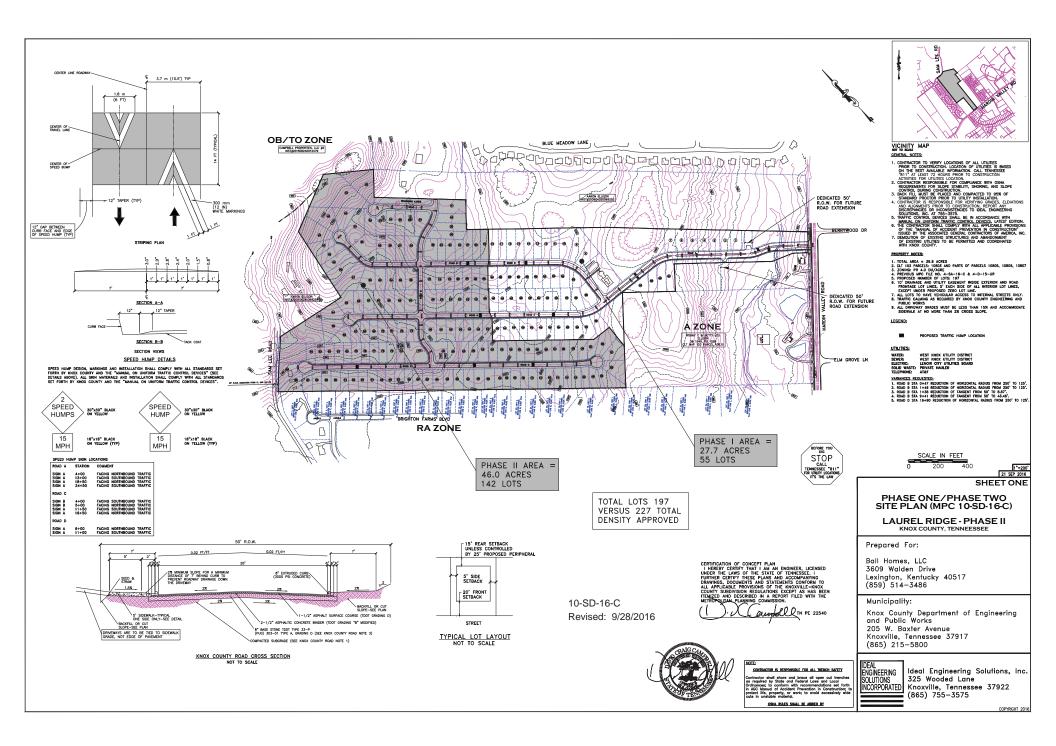
• Estimates presume full build-out of the proposed development. Build-out is subject to market forces, and timing varies widely from proposal to proposal.

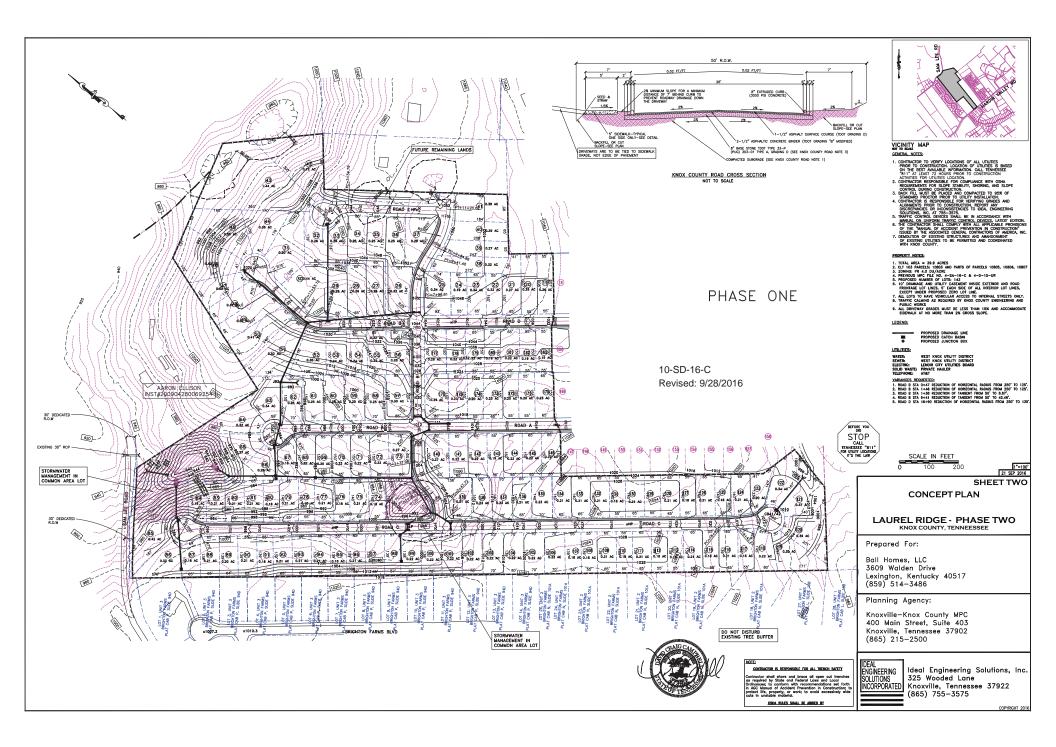
• Student yields from new development do not reflect a net addition of children in schools. Additions occur incrementally over the build-out period. New students may replace current population that ages through the system or moves from the attendance zone.

• School capacities are subject to change by Knox County Schools through building additions, curriculum or scheduling changes, or amendments to attendance zone boundaries.

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







Name of Applicant: METROPOLITAN P L A N N I N G C O M M I S S I O N T E N N E S S E E Suite 403 • City County Building Application Accepted by:	SION - CONCEPT Meeting Date: 10/11/10 M. Payne ber: Subdivision - Concept _10-3D-16-C ile Number: Development Plan
PROPERTY INFORMATION Subdivision Name:  Anale Unit/Phase Number: General Location:  Andin Andi Andi Andi Andi Andi Andi An	PROPERTY OWNER/OPTION HOLDER  PLEASE PRINT Name:
AVAILABILITY OF UTILITIES List utility districts proposed to serve this subdivision: Sewer	Fax: E-mail: dcamp44@tds.net
Water West Kox Utity Electricity LCDS Gas Telephone ATAT TRAFFIC IMPACT STUDY REQUIRED INO I Yes	APPLICATION CORRESPONDENCE All correspondence relating to this application (including plat corrections) should be directed to: PLEASE PRINT Name:
USE ON REVIEW	Address: 325 Wooded Lave City: Luoxulle State: 50 Zip: 37977 Telephone: <u>265</u> 755-3575 Fax: E-mail: <u>Camp 44</u> @ Tds. Net

	REQUESTED
VARIANCES REQUESTED:	OF HORIZONIAL DADILIC FROM 250' TO 1
1. ROAD B STA 0+47 REDUCTION (	OF HORIZONTAL RADIUS FROM 250' TO 1
Site Geometric a	and Topographic Constraints
	HORIZONTAL RADIUS FROM 250' TO 125'
any randood as an aminu times	l Topographic Constraints
3. ROAD B STA 1+38 REDUCTION	OF TANGENT FROM 50' TO 8.87'.
Site Geometric and Topograph	ic Constraints
4. ROAD B STA 9+41 REDUCTION O	F TANGENT FROM 50' TO 43.46'
Site Geometric and Topographic	
. ROAD D STA 16+90 REDUCTION O	F HORIZONTAL RADIUS FROM 250' TO 12
lustify variance by indicating hardship:	
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ustify variance by indicating hardship:	UTHORIZATION
APPLICATION A hereby certify that I am the authorized applicant, epresenting ALL property owners involved in this equest or holders of option on same, as listed on this orm. I further certify that any and all variances needed to	PLEASE PRINT Name: Brian Stephens / Ball Home
APPLICATION A hereby certify that I am the authorized applicant, epresenting ALL property owners involved in this equest or holders of option on same, as listed on this orm. I further certify that any and all variances needed to neet regulations are requested above, or are attached.	UTHORIZATION
APPLICATION A hereby certify that I am the authorized applicant, epresenting ALL property owners involved in this equest or holders of option on same, as listed on this present regulations are requested above, or are attached. understand and agree that no additional variances can	PLEASE PRINT Name: Brian Stephens / Ball Homes Address: 3609 Walden Drive
Applications are requested above, or are attached. understand and agree that no additional variances can be acted upon by the legislative body upon appeal and one will be requested. I hereby waive the requirement	PLEASE PRINT Name: Brian Stephens / Ball Home
Applications are requested above, or are attached. understand and agree that no additional variances can e acted upon by the legislative body upon appeal and one will be requested. I hereby waive the requirement or approval or disapproval of the plat within sixty 60) days after its submission, in accordance with the	PLEASE PRINT Name: Brian Stephens / Ball Homes Address: 3609 Walden Drive
ustify variance by indicating hardship:	Name: Print Name: Prian Stephens / Ball Home Address: 3609 Walden Drive City: Lexington State: KY zip: 40517

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