

KNOXVILLE/KNOX COUNTY METROPOLITAN PLANNING COMMISSION SUBDIVISION REPORT - CONCEPT

▶ FILE #: 9-SC-16-C AGENDA ITEM #: 14

AGENDA DATE: 9/8/2016

SUBDIVISION: STEELE ROAD SUBDIVISION

► APPLICANT/DEVELOPER: RUSTY BITTLE

OWNER(S): H. E. (Rusty) Bittle, III

TAX IDENTIFICATION: 117 027 View map on KGIS

JURISDICTION: County Commission District 6

STREET ADDRESS: 0 Hardin Valley Rd

► LOCATION: Southeast side of Hardin Valley Rd., southeast end of Steele Rd

SECTOR PLAN: Northwest County

GROWTH POLICY PLAN: Rural Area
WATERSHED: Conner Creek

APPROXIMATE ACREAGE: 30.5 acres

► ZONING: PR (Planned Residential)

EXISTING LAND USE:

► PROPOSED USE: Detached Residential Subdivision

SURROUNDING LAND North: Vacant land and residence / CA (General Business)

USE AND ZONING: South: Vacant land / A (Agricultural)
East: Vacant land / A (Agricultural)

West: Residences and vacant land / A (Agricultural)

► NUMBER OF LOTS: 60

SURVEYOR/ENGINEER: Billy Fulghum

ACCESSIBILITY: Access is via Hardin Valley Rd., a minor arterial street with a 3-5 lane street

section within an 88' right-of-way.

► SUBDIVISION VARIANCES

REQUIRED:

1. Reduction of the intersection radii for the right-of-way for Road A at

Hardin Valley Rd., from 75' to 0'.

2. Reduction of the intersection radii for the edge of pavement for

Road A at Hardin Valley Rd., from 75' to 25'.

3. Horizontal curve variance on Road A at STA 10+00, from 250' to 200'.

STAFF RECOMMENDATION:

► APPROVE variances 1-3 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 15 conditions.

- 1. This concept plan approval includes approval of a reduction of the public street right-of-way width to 40 feet and the pavement width to 22 feet as permitted under Section 69-10 (Hillside and Ridgetop Protection Area Development Standards) of the Minimum Subdivision Regulations.
- 2. Connection to sanitary sewer and meeting any other relevant requirements of the Knox County Health Department.
- 3. Provision of street names which are consistent with the Uniform Street Naming and Addressing System

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within Knox County (Ord 91-1-102).

- 4. Sidewalks shall be installed 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.
- 5. Obtaining the additional property and any grading and slope easements that will be needed to provide the required improvements for the new public street that will provide access to this subdivision from Hardin Valley Rd.
- 6. Providing the traffic signal modification and pedestrian crossing improvements for the proposed street at this signalized intersection on Hardin Valley Rd.
- 7. The final design and details for implementation of the intersection improvements for Road A at Hardin Valley Rd. shall be worked out between the applicant and the Knox County Department of Engineering and Public Works during the design plan stage for the subdivision.
- 8. At the design plan stage of the subdivision review, increased side yard setbacks may be required by the Knox County Department of Engineering and Public Works for lots along street grades of 10% or greater.
- 9. At the design plan stage of the subdivision, the details and timing of the slope reforestation plan shall be worked out with he Knox County Department of Engineering and Public Works.
- 10. The street improvements for Road C shall be installed with the street improvements for the rest of the subdivision or approved phase of the subdivision.
- 11. During the design plan stage of the subdivision review the applicant shall work with the Knox County Department of Engineering and Public Works and Planning Commission staff to minimize the clearing and grading of the common areas identified on the concept plan. When the grading and stormwater plans are finalized, a plan shall be prepared that identifies the areas within the common area that are to remain as natural undisturbed areas. These areas shall be identified on the final plat and protective covenants for the subdivision as natural undisturbed area with a prohibition on any clearing and grading except what would be needed for a passive trail system. The boundary for the natural undisturbed areas shall be clearly marked in the field prior to any site grading in order to identify the limits of disturbance and protect those areas of mature vegetation.
- 12. Meeting all applicable requirements of the Knox County Department of Engineering and Public Works.
- 13. Prior to certification of the final plat for the subdivision, establishing a homeowners association for the purpose of maintaining the storm water system, common area and any other commonly held assets.
- 14. 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.
- 15. Meeting all applicable requirements of the Knox County Zoning Ordinance.

With the conditions noted, this plan meets the requirements for approval of a Concept Plan in a PR zoning district.

COMMENTS:

The applicant is proposing to subdivide a 30.5 acre tract into 60 detached residential lots at a density of 1.97 du/ac. The property is located on the south side of Hardin Valley Rd. directly south of Steele Rd. The proposed subdivision will be served by public streets with access out to Hardin Valley Rd. at the signalized intersection with Steele Rd.

A concept plan/use on review approval (11-SC-15-C/11-H-15-UR) was granted for this site by the Planning Commission on November 12, 2015 for 61 detached residential lots. During the design plan stage of the subdivision, the applicant ran into problems in grading the site under the approved concept plan. In the revised design, the applicant has requested approval of a reduction of the public street right-of-way to 40' and the pavement width to 22 feet as permitted under Section 69-10 (Hillside and Ridgetop Protection Area Development Standards) of the Subdivision Regulations. Since the site is almost entirely within the hillside protection area and is within a PR zoning district, the Planning Commission can approve the requested reduction. The proposed street connection to the property to the east will allow for the development of that site without having to create a new street connection out to Hardin Valley Rd.

The proposed subdivision will include sidewalks on one side of all streets and will allow for a connection to the existing sidewalks located along Hardin Valley Rd.

ESTIMATED TRAFFIC IMPACT: 648 (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.

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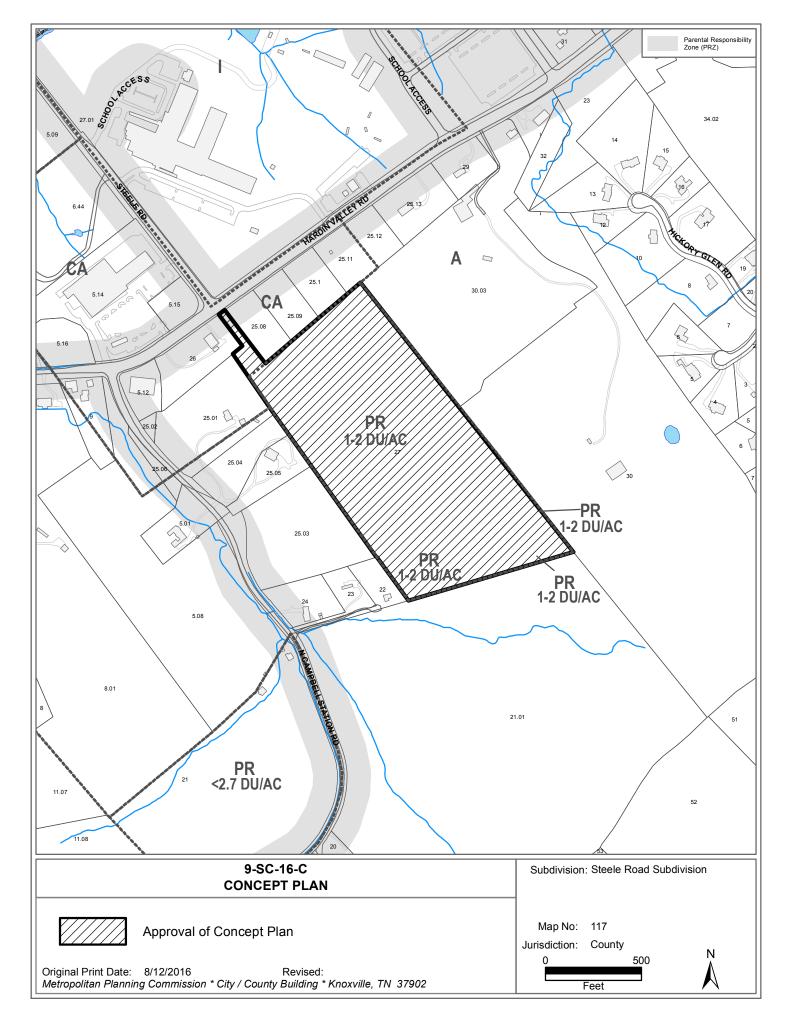
ESTIMATED STUDENT YIELD: 32 (public and private school children, ages 5-18 years)

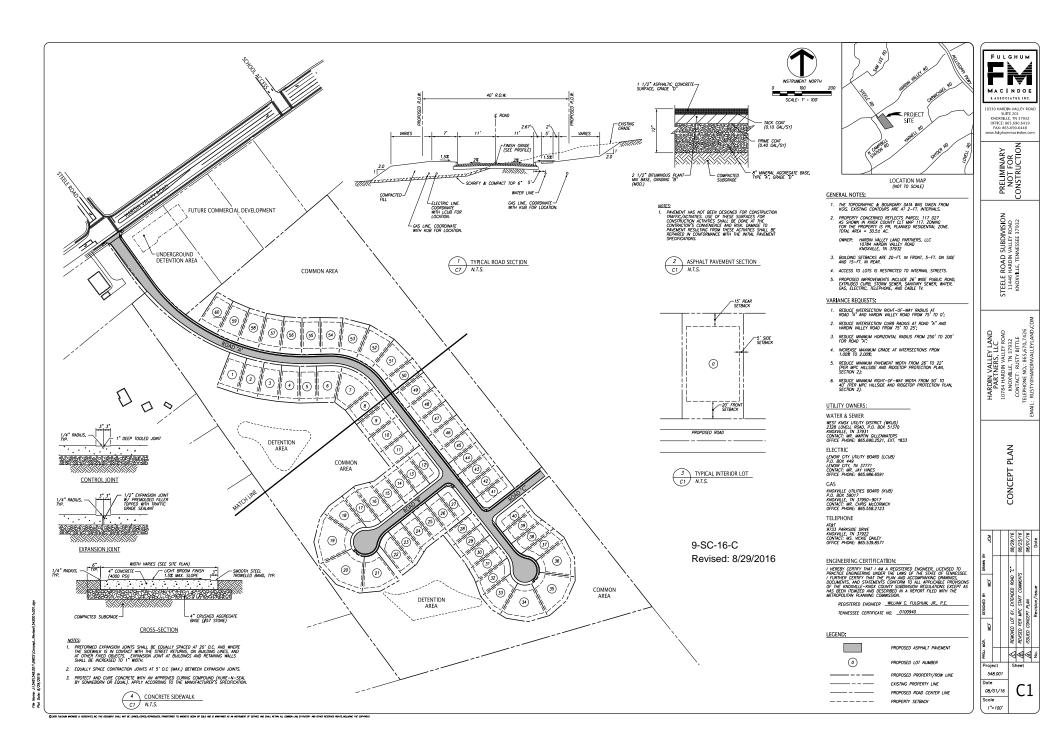
Schools affected by this proposal: Hardin Valley Elementary, Karns Middle, and Hardin Valley Academy.

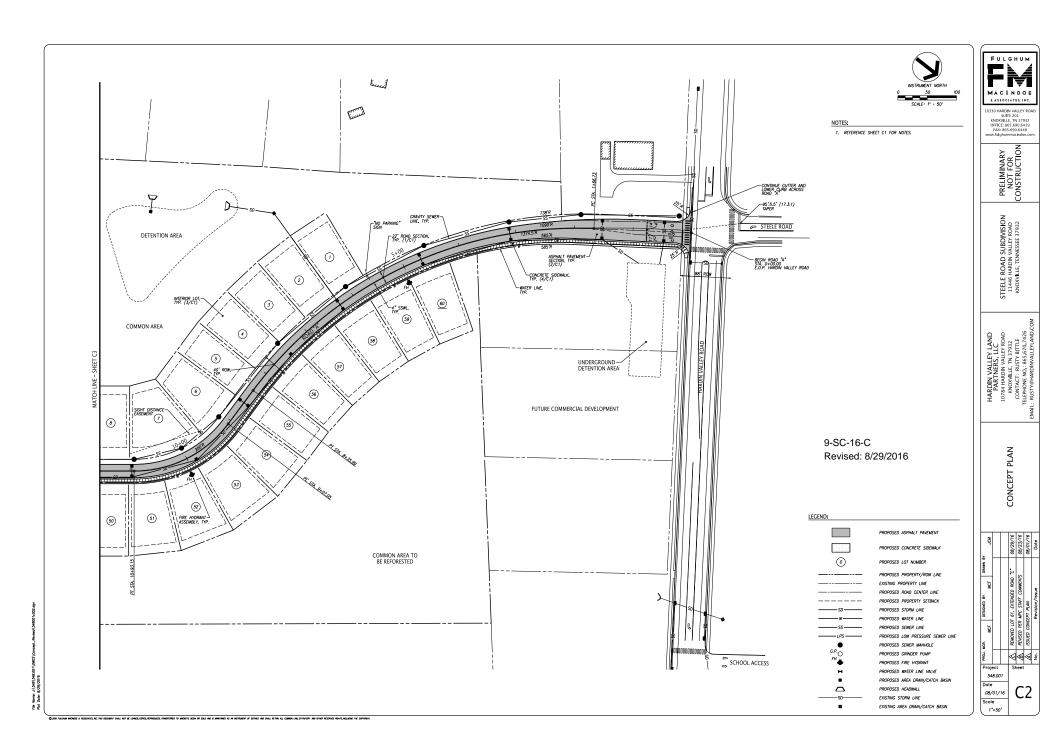
- School-age population (ages 5–18) is estimated by MPC using data from a variety of sources.
- While most children will attend public schools, the estimate includes population that may be home-schooled, attend private schools at various stages of enrollment, or drop out of the public system.
- Students 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.

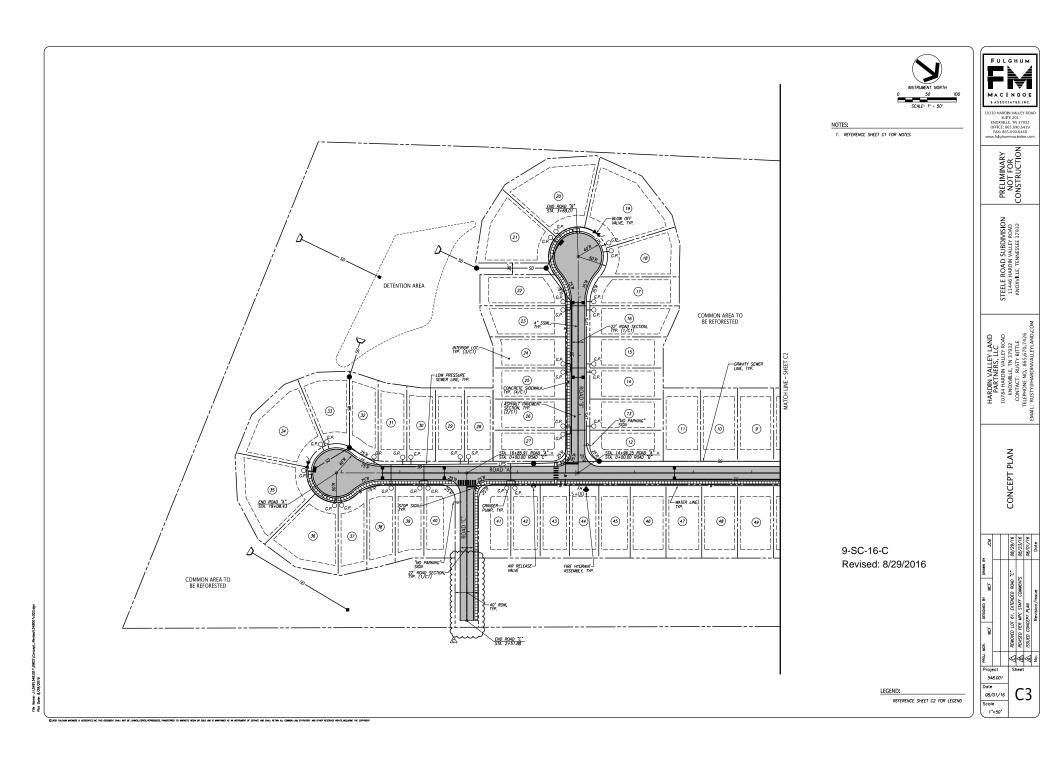
MPC's approval or denial of this request is final, unless the action is appealed to Knox County Chancery Court. The date of the Knox County Chancery Court appeal hearing will depend on when the appeal application is filed.

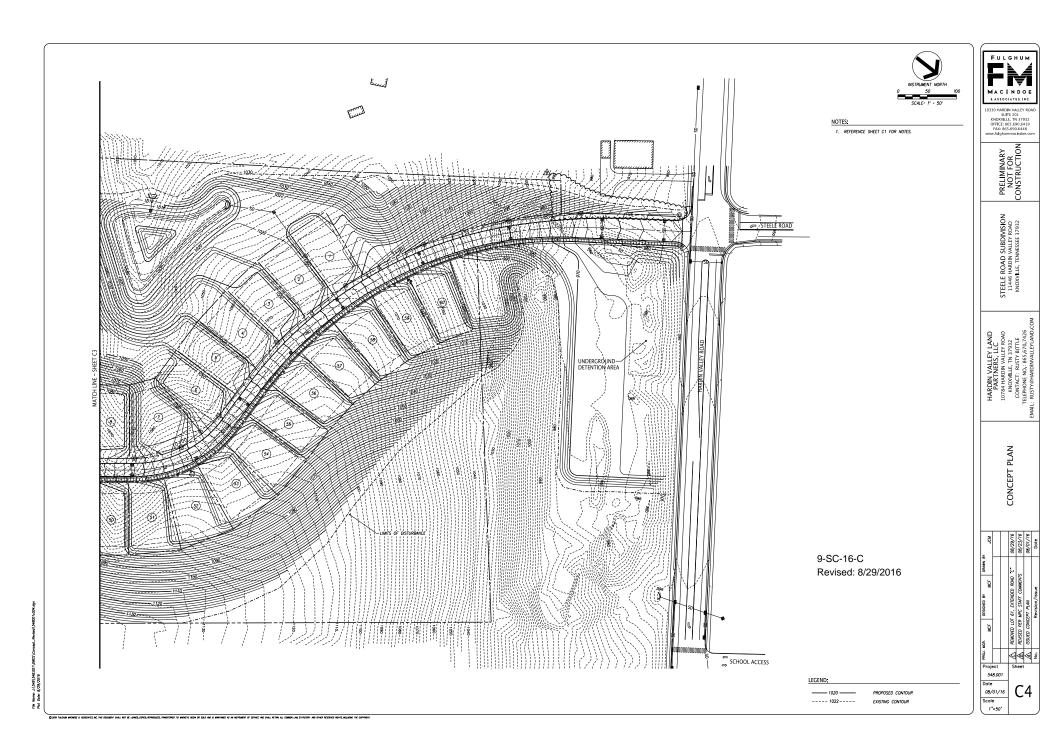
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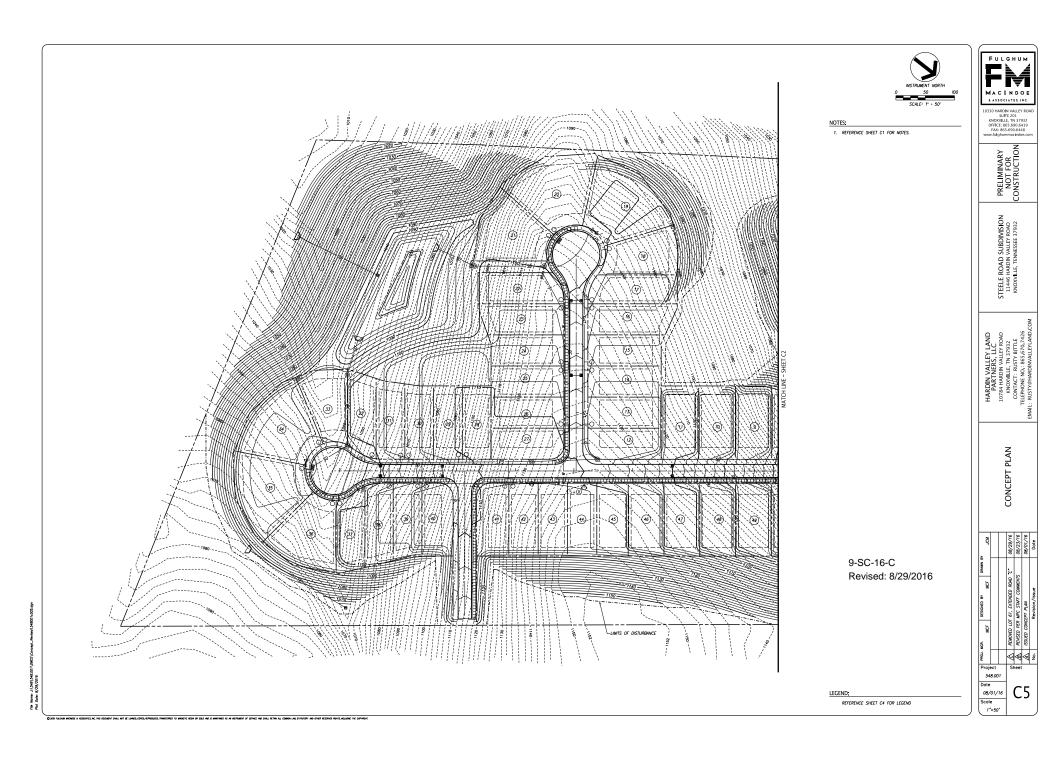


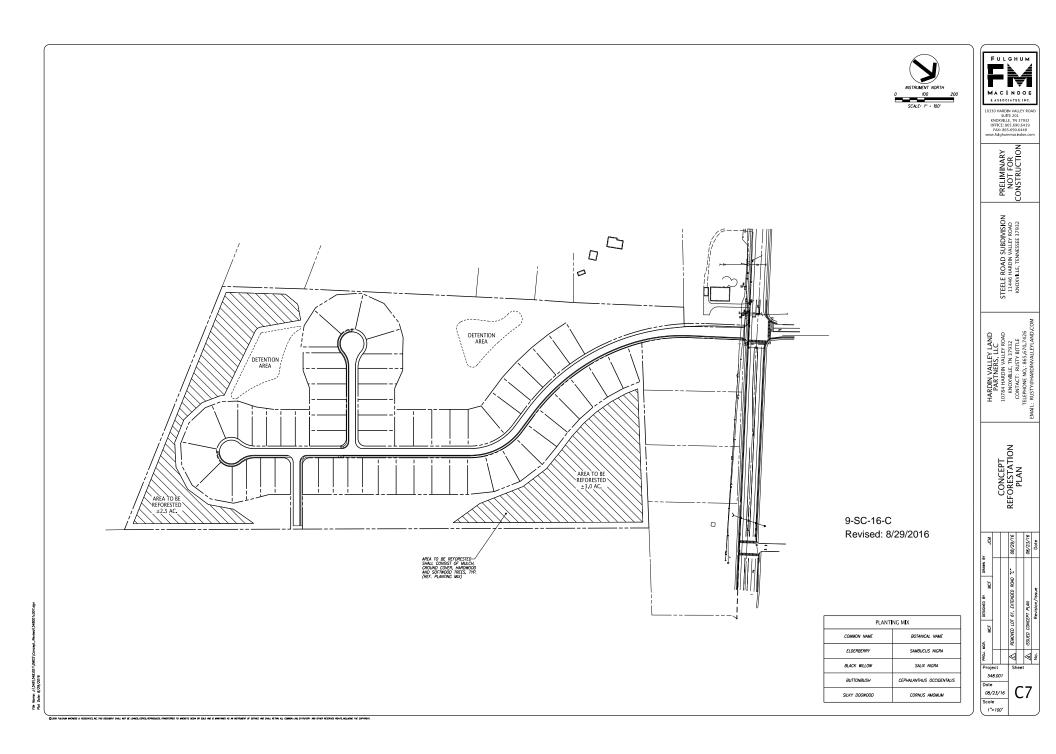












SUBDIVISION - CONCEPT

IVI I	Name of Applicant: Rusty Bittle	
METROPOLITAN PLANNING COMMISSION EN HESSETT Suite 403 • City County Building	Date Filed: August 1, 2016	Meeting Date: September 8, 2016
		Payre
00 Main Street (noxville, Tennessee 37902		ber: Subdivision - Concept 9-50-14-C
65 • 2 1 5 • 2 5 0 0 A X • 2 1 5 • 2 0 6 8 www.knoxmpc.org		File Number: Development Plan
PROPERTY INFORMATION		PROPERTY OWNER/OPTION HOLDER
Subdivision Name:	Steele Road Subdivision	PLEASE PRINT Name: Hardin Valley Land Partners
Unit/Phase Number:		Company:
General Location: Hardin Valley Road, west of		Address:10780 Hardin Valley Road
Pellissippi Parkway, across from Hardin Valley Academy		City: Knoxville State: TN Zip: 37932
Tract Size: 30.5 acres No. of Lots: 56 Zoning District: PR - Planned Residential		Telephone: <u>865-670-7426</u>
Existing Land Use: Undeveloped		Fax:
Planning Sector: Northwest County		E-mail:rusty@hardinvalleyland.com
Growth Policy Plan Designation:		PROJECT SURVEYOR/ENGINEER
		PLEASE PRINT
Census Tract: 59.05 Traffic Zone: 237		Name: William C. Fulghum, Jr., P.E.
Parcel ID Number(s):		Company: Fulghum, MacIndoe & Associates, Inc.
		Address: 10330 Hardin Valley Road, Ste 201
Jurisdiction: ☐ City Council District		City: Knoxville State: TN Zip: 37932
⊠ Cou	nty Commission <u>W6</u> District	Telephone: 865-690-6419
AVAILABI	LITY OF UTILITIES	Fax:
, , ,	posed to serve this subdivision:	E-mail: fulghum@fulghummacindoe.com
Sewer West Knox Utility District		
Water West Knox Utility District Electricity Lenoir City Utilities Board		APPLICATION CORRESPONDENCE All correspondence relating to this application (including
Gas Knoxville Utilities Board		plat corrections) should be directed to:
Telephone AT&T		PLEASE PRINT
TRAFFIC IMPACT STUDY REQUIRED		Name: Carter McCall, E.I.
	□ No □ Yes	Company: Fulghum, MacIndoe & Associates, Inc.
USE ON REVIEW ☑ No ☐ Yes		
Approval Requested:		Address: 10330 Hardin Valley Road
☐ Development Plans in Planned District or Zone ☐ Other (be specific):		City: Knoxville State: TN Zip: 37932
		Telephone: 865-251-5075
		Fax:
VARIANCE(S) REQUESTED		**.**
□ No ☑ Yes (If Yes, see reverse side of this form)		E-mail: mccall@fulghummacindoe.com

VARIANCES REQUESTED		
1. Reduce intersection R.o.w. radius Justify variance by indicating hardship:	at Road A : Hardin Valley Rd. from 75 to D	
2. Reduce intersection with radius at Ro Justify variance by indicating hardship: Bedas Sites	ad A: Hardin Valley Rd from 75' to 25'	
3. Reduce minimum harizontal conversed Justify variance by indicating hardship:		
4. Increase maximum grade at intersect Justify variance by indicating hardship:	tions from 1.00% to 2.00%	
5. Reduce minimum pavement wielth from Justify variance by indicating hardship:		
6. Reduce minimum R.o.w. width from 5. Justify variance by indicating hardship:	o' to 40'	
7		
APPLICATION A	UTHORIZATION	
I hereby certify that I am the authorized applicant, representing ALL property owners involved in this request or holders of option on same, as listed on this form. I further 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.	Name: Rusty Bittle Address: 10784 Hardin Valley Road City: Knoxv://e State: TN Zip: 37932 Telephone: 865-670-1426	
Signature:	Fax:	
Date: 7/29/16	E-mail: Rusty @ hardin valleyland.com	

