

### **SUBDIVISION REPORT - CONCEPT**

► FILE #: 6-SA-22-C AGENDA ITEM #: 25

**AGENDA DATE:** 6/9/2022

SUBDIVISION: MOCKINGBIRD MEADOWS

► APPLICANT/DEVELOPER: LANCE WILD

OWNER(S): Mike Roper

TAX IDENTIFICATION: 37 23005 <u>View map on KGIS</u>

JURISDICTION: County Commission District 7

STREET ADDRESS: 2129 E. Emory Rd.

LOCATION: North side of E. Emory Rd., southwest of Greenwell Rd., northeast of

Fortner Ln.

SECTOR PLAN: North County

GROWTH POLICY PLAN: Planned Growth Area

WATERSHED: Beaver Creek

APPROXIMATE ACREAGE: 17.09 acres

ZONING: PR (Planned Residential)

► EXISTING LAND USE: Vacant land (under construction)► PROPOSED USE: Detached residential subdivision

SURROUNDING LAND North: Single family residential -- PR (Planned Residential), RA (Low Density

Residential)

South: Single family residential, Rural residential -- A (Agricultural), RA (Low

Density Residential)

East: Single family residential, Rural residential -- A (Agricultural), RA (Low

Density Residential)

West: Single family residential -- PR (Planned Residential), A (Agricultural)

► NUMBER OF LOTS: 60

**USE AND ZONING:** 

SURVEYOR/ENGINEER: Site Inc.

ACCESSIBILITY: Access is via E. Emory Road, a major arterial street with 65' of pavement

width within 90' of right-of-way; and via Hoff Lane, a local street with 26' of pavement within 50' of right-of-way. Hoff Lane is proposed for a pedestrian

connection only.

► SUBDIVISION VARIANCES

**REQUIRED:** 

VARIANCES

1. Reduce the minimum intersection approach vertical curve at STA

01+11.12 (PVI) from K=25 to K=20

2. Reduce the minimum broken back tangent from 150' to 40' between

STA 14+51.07 and STA 14+91.07

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOXVILLE-KNOX

COUNTY PLANNING COMMISSION APPROVAL

1. Reduce the minimum horizontal curve from 250' to 125' beginning at

STA 05+54.64

AGENDA ITEM #: 25 FILE #: 6-SA-22-C 6/2/2022 08:27 AM MIKE REYNOLDS PAGE #: 25-1

- 2. Reduce the minimum horizontal curve from 250' to 125' beginning at STA 12+54.72
- 3. Reduce the minimum horizontal curve from 250' to 125' beginning at STA 14+91.07
- 4. Reduce the minimum horizontal curve from 250' to 125' beginning at STA 22+24.16

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

- 1. Increase the maximum intersection grade from 1 percent to 1.5 percent at STA 0+25.99
- 2. Increase the maximum intersection grade from 1 percent to 1.5 percent at STA 25+57.91

#### STAFF RECOMMENDATION:

▶ Approve the requested variances and alternative design standards based on the justifications provided by the applicant, the recommendations of the Knox County Engineering and Public Works, and the proposal will not create a safety hazard.

### Approve the concept plan subject to 12 conditions.

- 1. Connection to sanitary sewer and meeting other relevant utility provider requirements.
- 2. Provision of a street name consistent with the Uniform Street Naming and Addressing System within Knox County (Ord. 91-1-102).
- 3. If any building construction is proposed within the 50' buffer area around the designated sinkholes/depressions (including the depressions), a geotechnical report must be prepared by a registered engineer to determine soil stability and that report must be submitted to the Knox County Department of Engineering and Public Works for consideration. Any construction in these areas is subject to approval by the County following review of the report. Engineered footings must be designed for these areas. For those lots that do not have a building site outside of the 50' buffer, approval by Knox County will be required prior to final plat approval. The sinkholes/depressions and 50' buffer shall be designated on the final plat even if they are approved to be filled.
- 4. Providing a geotechnical study for lots 34-36 during permitting.
- 5. Providing a minimum 200-ft sight distance easement on Lots 48, 49, & 60. The driveways on these lots must have a depth of 20-ft past the sight distance easement if the driveway cannot be fully located outside the easement.
- 6. Installation of the pedestrian connection (sidewalk) between Lot 3 and 4, from the proposed road to Hoff Lane, and the sidewalk segments required by the Knox County Sidewalk Ordinance, with the timing of the sidewalk installation to be determined during the design plan phase.
- 7. Meeting all applicable requirements of the Tennesee Department of Transportation.
- 8. Meeting all applicable requirements of the Knox County Zoning Ordinance.
- 9. Meeting all applicable requirements of Knox County 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 maintenance of all common areas, amenities, and drainage facilities.
- 11. Placing a note on the final plat that all lots will have access only to the internal street system.
- 12. Submitting the certification of design plan approval form to Planning staff as required by the Knoxville-Knox County Subdivision Regulations prior to final plat approval.

#### **COMMENTS:**

This proposal is a revision to a previously approved Concept Plan that expired (11-SA-17-C). The layout of the subdivision is unchanged except for the removal of three eyebrows in the 90-degree curves of the street, and the reduction of the number of lots from 64 to 60. This 60-lot residential subdivision on 17.09 acres will have a density of 3.5 du/ac. The property was zoned PR up to 4 du/ac in November 2017. The proposed variances are unchanged except for eliminating one horizontal curve reduction request and two new requests to increase the minimum intersection grade. The two intersection grade requests will meet the required ADA standards for cross slope but are greater than the 1 percent maximum required by the subdivision regulations.

The property is within the parental responsibility zone for Brickey McCloud Elementary School, so pedestrian connections are a priority. A sidewalk connection from the new internal road to the terminus of Hoff Lane was a requirement of the previous approval and is provided in this plan as well. A sidewalk will also be required per the Knox County Sidewalk Ordinance along the internal street, from E. Emory Road to the pedestrian

AGENDA ITEM #: 25 FILE #: 6-SA-22-C 6/2/2022 08:27 AM MIKE REYNOLDS PAGE #: 25-2

connection to Hoff Lane. Any additional sidewalks in the subdivision will be required to be maintained by the homeowners association.

The 2017 subdivision approval also included a Use on Review application. This review is for the Concept Plan only because the general layout of the development is the same, the proposed use has not changed, and the number of lots and dwellings has decreased.

ESTIMATED TRAFFIC IMPACT: 650 (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.

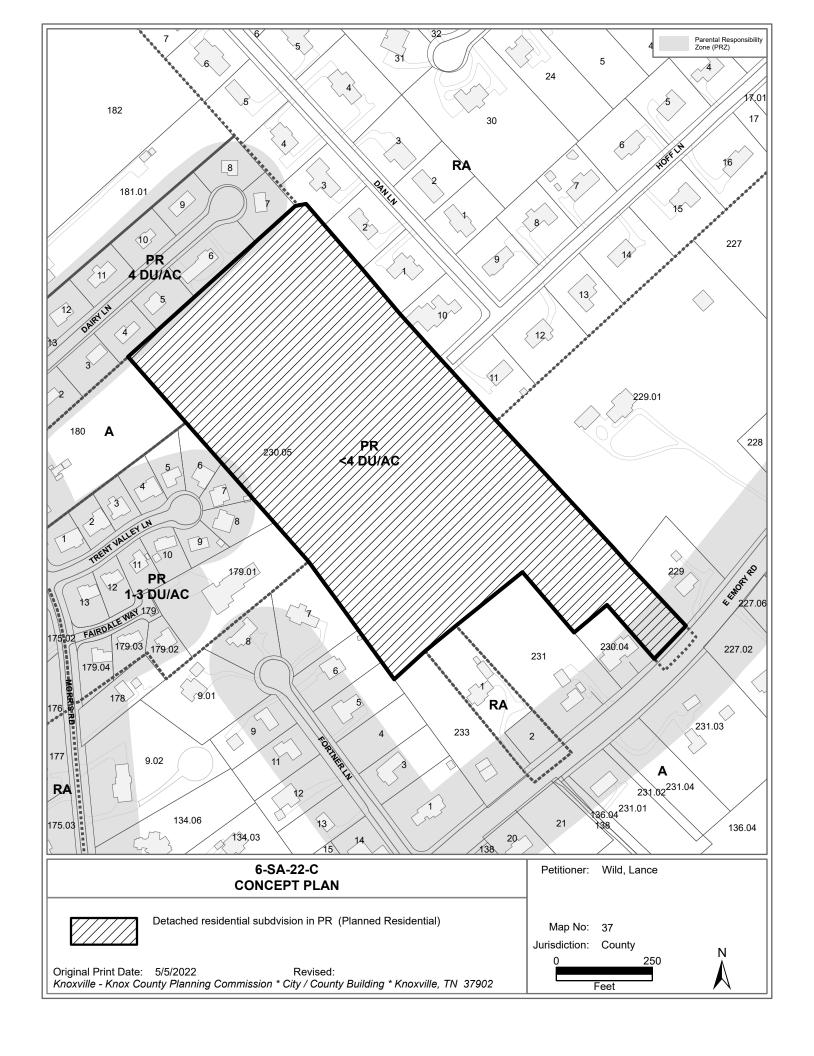
ESTIMATED STUDENT YIELD: 25 (public school children, grades K-12)

Schools affected by this proposal: Brickey-McCloud Elementary, Halls Middle, and Halls 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 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.

AGENDA ITEM #: 25 FILE #: 6-SA-22-C 6/2/2022 08:27 AM MIKE REYNOLDS PAGE #: 25-3



# VARIANCES/ALTERNATIVE DESIGN STANDARDS REQUESTED



1. Vertical curve variance on proposed road from K=25 to K=20 at STA 01+11.12 (PVI)				
Justify request by indicating hardship:	Conditions of site as prepared per previously approved plans that included same variance			
with File Number 11-SA-17-C				
2. Broken back tangent variance on proposed road f	from 150' to 40' between STA 14+51.07 and STA 14+91.07			
Justify request by indicating hardship: _s	Shape/dimension of existing parcel does not allow for distance required to achieve minimum			
tangent of 150'. Conditions of site as prepared per p	reviously approved plans that included same variance with File Number 11-SA-17-C			
3. Horizontal curve variance on proposed road from	n 250' to 125' beginning at STA 05+54.64			
Justify request by indicating hardship:	Shape/dimension of existing parcel does not allow for distance required to achieve minimum			
radius of 250'. Radius adheres to requirement for sh	orter roads per Knox County Subdivision regulations. Conditions of site as prepared per			
previously approved plans that included same varian	nce with File Number 11-SA-17-C. Tighter curve radius will provide traffic calming.			
4. Horizontal curve variance on proposed road from	n 250' to 125' beginning at STA 12+54.72.			
Justify request by indicating hardship:	Shape/dimension of existing parcel does not allow for distance required to achieve minimum			
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5. Horizontal curve variance on proposed road from	n 250' to 125' beginning at STA 14+91.07			
Justify request by indicating hardship: _s	Shape/dimension of existing parcel does not allow for distance required to achieve minimum			
radius of 250'. Radius adheres to requirement for she	orter roads per Knox County Subdivision regulations. Conditions of site as prepared per			
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6. Horizontal curve variance on proposed road from	n 250' to 125' beginning at STA 22+24.16			
Justify request by indicating hardship: s	Shape/dimension of existing parcel does not allow for distance required to achieve minimum			
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previously approved plans that included same varian	nce with File Number 11-SA-17-C. Tighter curve radius will provide traffic calming.			
7. Increase the maximum intersection grade from 1	% to 1.5% at STA 0+25.99.			
Justify request by indicating hardship:	Conditions of site as prepared per previously approved plans with File Number 11-SA-17-C.			
Previously approved plans showed 3% intersection g	grade.			

I certify that any and all requests 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.

Signature

05/25/2022

Date

## VARIANCES/ALTERNATIVE DESIGN STANDARDS REQUESTED



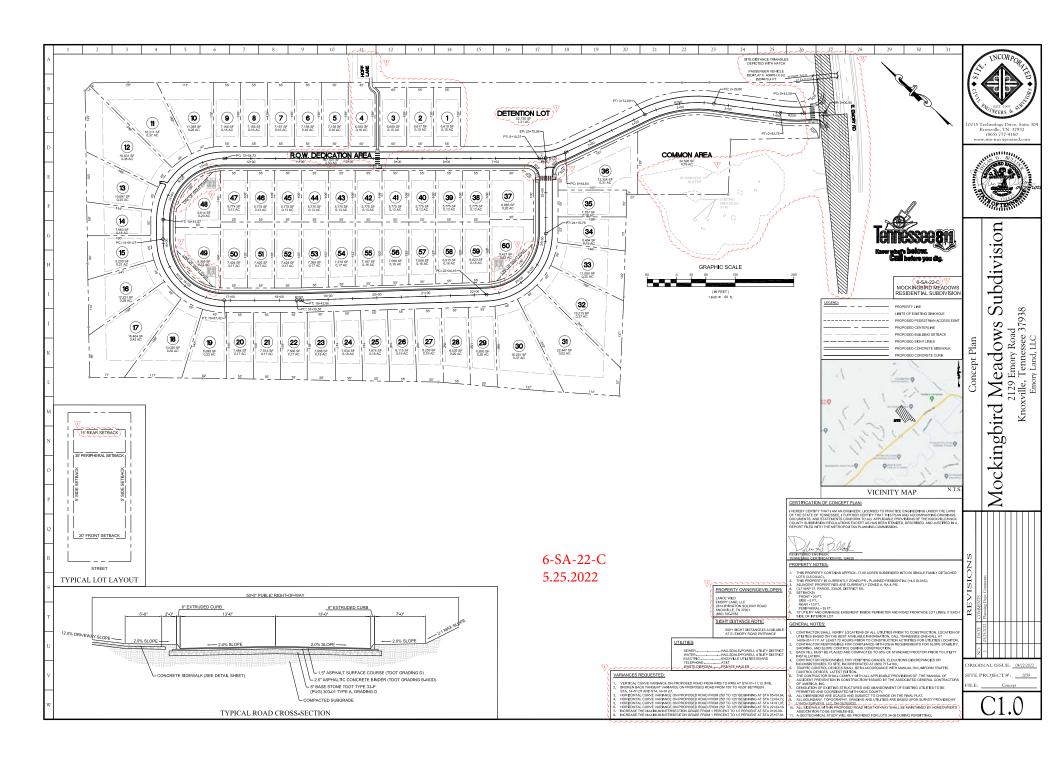
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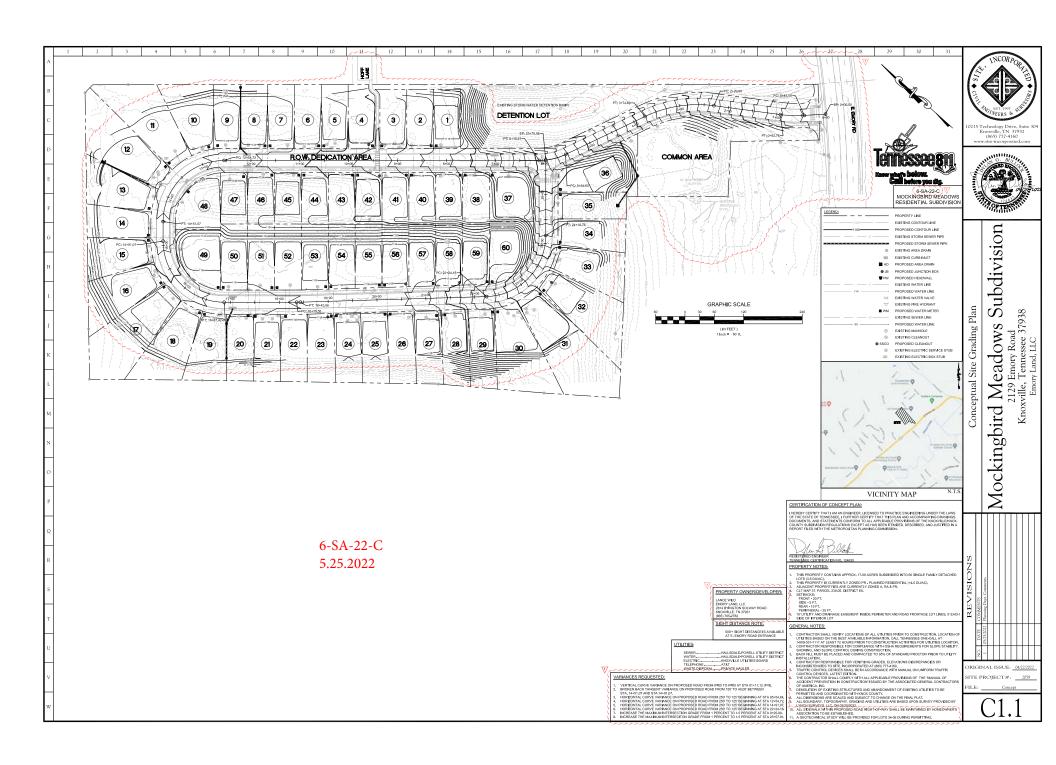
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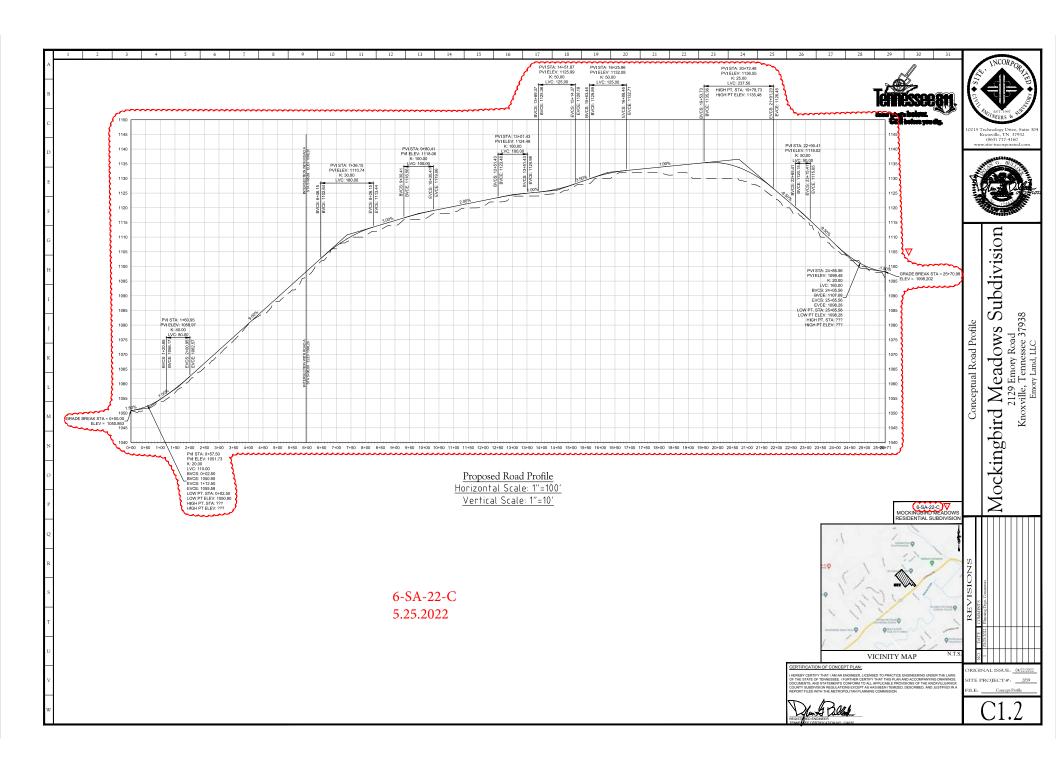
Signature

05/25/2022

Date









Development Request
DEVELOPMENT SUBDIVISION ZO

Planning KNOXVILLE I KNOX COUNTY	☐ Development Plan ☐ Planned Development ☐ Use on Review / Special Cook	■ Concep □ Final Pl Use	t Plan	☐ Plan Amendment ☐ SP ☐ OYP ☐ Rezoning	
Lance Wild			Owne	er	
Applicant Name			Affiliati	on	_
04/21/2022	06/09/2022			File Number(s)	)
Date Filed	Meeting Date (if applicable)		6-SA-22-C		
CORRESPONDENCE All	correspondence related to this appl	lication should be direct	ed to the ap	proved contact listed below.	
☐ Applicant ☐ Property Owner	☐ Option Holder ☐ Project	Surveyor 🔳 Enginee	r ☐ Archi	itect/Landscape Architect	
John R Anderson		SITE, Inc.			
Name		Company			_
10215 Technology Drive, Suit	e 304	Knoxville	TN	37932	
Address		City	State	ZIP	_
(865) 777-4165	janderson@site-inco	rporated.com			
Phone	Email				_
CURRENT PROPERTY INFO					
	2814 Byington	n Solway Road		865-705-2782	
Property Owner Name (if different)	Property Owner	Address		Property Owner Phone	_
2129 E Emory Road, Knoxvlle	, TN 37938	037 2300S			
Property Address		Parcel ID			_
HPUD	HPUD	HPUD		N	
Sewer Provider	Water Provider			Septic (Y/N	1
STAFF USE ONLY					
North side of E. Emory Ro		ell Rd., northeast	Tract Si	17.09 acres	_
of Fortner 7th		۸ ۲ - ۱۰۱			
☐ City 【 County District	PR < 4 du/ac  Zoning District	AgFor\ Existing Lar			_
		LXISHIIR LdI	ia OSE		
North County Planning Sector	LDR & HP  Sector Plan Land Use Class	sification	Growth	Planned Growth	_
TOTAL TIME SECTION	SCULUL I I I LA LU USE LIAS:	JIIICALIOII	OLO MALL		

DEVELOPMENT REQUEST						
☐ Development Plan ☐ Use on Review / Sp☐ Residential ☐ Non-Residential  Home Occupation (specify)					Related Ci	ty Permit Number(s)
Other (specify)						
SUBDIVISION REQUEST						
Mockingbird Meadows					Related Re	ezoning File Number
Proposed Subdivision Name						
Unit / Phase Number	■ Divide Parcel	Total Num	60 ber of Lots Cre	ated		
Other (specify) Revised Concept Plan	1					
Attachments / Additional Requirements						
ZONING REQUEST					D 1:	
☐ Zoning Change Proposed Zoning					Pending	g Plat File Number
☐ Plan Amendment Change Proposed Plan I	Designation(s)					
Proposed Density (units/acre)	Previous Rezoning Re	equests				
Other (specify)						
STAFF USE ONLY						
PLAT TYPE			Fee 1			Total
☐ Staff Review ☐ Planning Commission			base fee	500.0	00	
ATTACHMENTS			Fac 2			
☐ Property Owners / Option Holders ☐ Var	iance Request	+	Fee 2 \$60 lots x \$30/lot	1000	00	
ADDITIONAL REQUIREMENTS			x \$30/10t	1800	.00	
<ul><li>□ Design Plan Certification (Final Plat)</li><li>□ Use on Review / Special Use (Concept Plan)</li></ul>			Fee 3			
Traffic Impact Study						
☐ COA Checklist (Hillside Protection)						\$2300.00
AUTHORIZATION		,				
Lance Wild  Digitally signed by Lance W Date: 2022.04.20 12:52:01		ł			04/2	20/2022
Applicant Signature	Please Print				Date	
(423)736-2424	lance@wil	dbuilding.	com			
Phone Number	Email					
Mike Roper Digitally signed by Mike Ro Date: 2022.04.20 12:52:33		er			04/2	20/2022
Property Owner Signature	Please Print				Date	

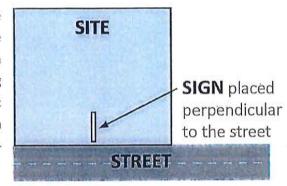
Therry Michienje 4/21/2022 MR 4/22/2022



# 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-of-way 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 removabove guidelines and between the dates of:	ing the sign(s) provided consistent with the
May 25th and	June 10th
(applicant or staff to post sign)	(applicant to remove sign)
Applicant Name: Gnce Wild	Sign posted by Staff
Date: 4 4 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Sign posted by Applicant