

# SUBDIVISION REPORT - CONCEPT/DEVELOPMENT PLAN

► FILE #: 9-SA-24-C AGENDA ITEM #: 22

9-B-24-DP AGENDA DATE: 9/12/2024

► SUBDIVISION: 0 HARVEY RD

► APPLICANT/DEVELOPER: MESANA INVESTMENTS LLC

OWNER(S): Sam Harvey

TAX IDENTIFICATION: 169 00903 <u>View map on KGIS</u>

JURISDICTION: County Commission District 5

STREET ADDRESS: 0 HARVEY RD

► LOCATION: West side of Harvey Rd, north of S Northshore Dr

GROWTH POLICY PLAN: Planned Growth Area
FIRE DISTRICT: Rural Metro Fire

WATERSHED: Turkey Creek

► APPROXIMATE ACREAGE: 13.42 acres

ZONING:
PR (Planned Residential) up to 2 du/ac

EXISTING LAND USE: Agriculture/Forestry/Vacant Land

► PROPOSED USE: Detached residential subdivision

SURROUNDING LAND

North: Single family residential, agriculture/forestry/vacant land - PR

USE AND ZONING: (Planned Residential) up to 3 du/ac, A (Agricultural)

South: Single family residential - PR (Planned Residential) up to 3 du/ac East: Agriculture/forestry/vacant land - PR (Planned Residential) at up to 3

du/ac, A (Agricultural)

West: Single family residential, agriculture/forestry/vacant land - PR

(Planned Residential) up to 3 du/ac

► NUMBER OF LOTS: 26

SURVEYOR/ENGINEER: Chris Sharp, P.E. Urban Engineering, Inc.

ACCESSIBILITY: Access is via Harvey Rd, a minor collector with a pavement width of 20 ft

within 54 ft of right-of-way.

► SUBDIVISION VARIANCES VARIANCES

REQUIRED: None.

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOXVILLE-KNOX

**COUNTY PLANNING COMMISSION APPROVAL** 

1) Reduce the minimum horizontal curve radius on Road 'A' from 250 ft

to 125 ft at STA 1+43.20.

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## STAFF RECOMMENDATION:

► Approve the alternative design standard 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 10 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 sight distance easements through the horizontal curve radius less than 250 ft per the requirements of Knox County Engineering and Public Works during the design plan phase. Any driveways that cannot be located outside the sight distance easement must have a 20 ft depth outside the sight distance easement.
- 4) Providing shared driveways for the lots that access Harvey Road, as shown on the concept plan.
- 5) Providing a vehicle turnaround for all driveways access points to Harvey Road.
- 6) On the final plat, the area south of Lot 26 must be either incorporated into Lot 26 or labeled as a common area.
- 7) If during design plan approval or construction of the development, it is discovered that unforeseen off-site improvements within the right-of-way are necessary, the developer will either enter into an MOU with the County for these improvements or reimburse the County for their direct expenses (if competed by County crews) to make corrections deemed necessary.
- 8) Meeting all applicable requirements of the Knox County Zoning Ordinance.
- 9) Meeting all applicable requirements of the Knox County Department of Engineering and Public Works. 10) 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 up to 26 detached residential lots, subject to 1 condition.
  - 1) Meeting all other applicable requirements of the Knox County Zoning Ordinance.

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

# **COMMENTS:**

This proposal is for a 26-lot detached residential subdivision on 13.42 acres at a density of 1.9 du/ac. In June 2024 (5-L-24-RZ), the property was rezoned from A (Agricultural) to PR (Planned Residential) up to 2 du/ac. Nine (9) lots use Harvey Road as frontage, with every other lot sharing an access point. The remaining 17 lots access an extension of Crescent Oaks Lane, which was constructed with The Oaks subdivision. The right-of-way of Crescent Oaks Lane was extended to the subject property with the intention of being extended in the future. If the road were not intended to be extended, a cul-de-sac would have been required at the end of the road. The proposed lots have a similar width and size as those in The Oaks subdivision.

# ALTERNATIVE DESIGN STANDARDS

The applicant is requesting to reduce the minimum horizontal curve radius from 250 ft to 125 ft. The reduced radius helps to reduce grading towards the stream and reduces vehicle speeds. A sight distance easement is required on the inside of the curve through an area that is not a building lot.

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 4.5 du/ac:

A. The PR zone allows detached houses 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, Section 5.13.15).

- B. The proposed density is 1.9 du/ac.
- C. The property has a stream that bisects the east and west sides of the property. The PR zone allows the clustering of lots away from sensitive environmental features like streams.

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# 2) COMPREHENSIVE PLAN - IMPLEMENTATION POLICIES

A. Seventeen (17) of the 26 lots will be along an extension of Crescent Oaks Lane, which was constructed with The Oaks subdivision. This is consistent with Policy 11, to promote connectivity with new development.

# 3) FUTURE LAND USE MAP

- A. The property is classified as the RL (Rural Living) place type on the Future Land Use Map. Rural Living areas are primarily made up of single family residential within a rural setting. These areas may include agriculture, open space, and some limited commercial that supports agriculture and civic uses.
- B. Single family residential on a wide range of lot sizes is a primary use in the RL place type. Primary uses are intended to be the predominant focus of the place. The proposed single family development with varying lot sizes is consistent with the RL place type.
- C. The proposal conforms to the form attributes of the TN place type, which recommends building heights of 1-2 stories. The maximum height is 35 ft for houses in the PR zone.
- D. The RL place type allows consideration of PR (Planned Residential) up to 2 du/ac as a partially related zone per the Place Type and Zoning Correspondence Matrix (Appendix H of the Comprehensive Plan). The proposed development has a density of 1.9 du/ac.

# 4) KNOXVILLE - FARRAGUT - KNOX COUNTY GROWTH POLICY PLAN

A. The purposes of the Planned Growth Area 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. – The proposed development meets the relevant standards of the Growth Policy Plan.

# ESTIMATED TRAFFIC IMPACT: 292 (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: 11 (public school children, grades K-12)

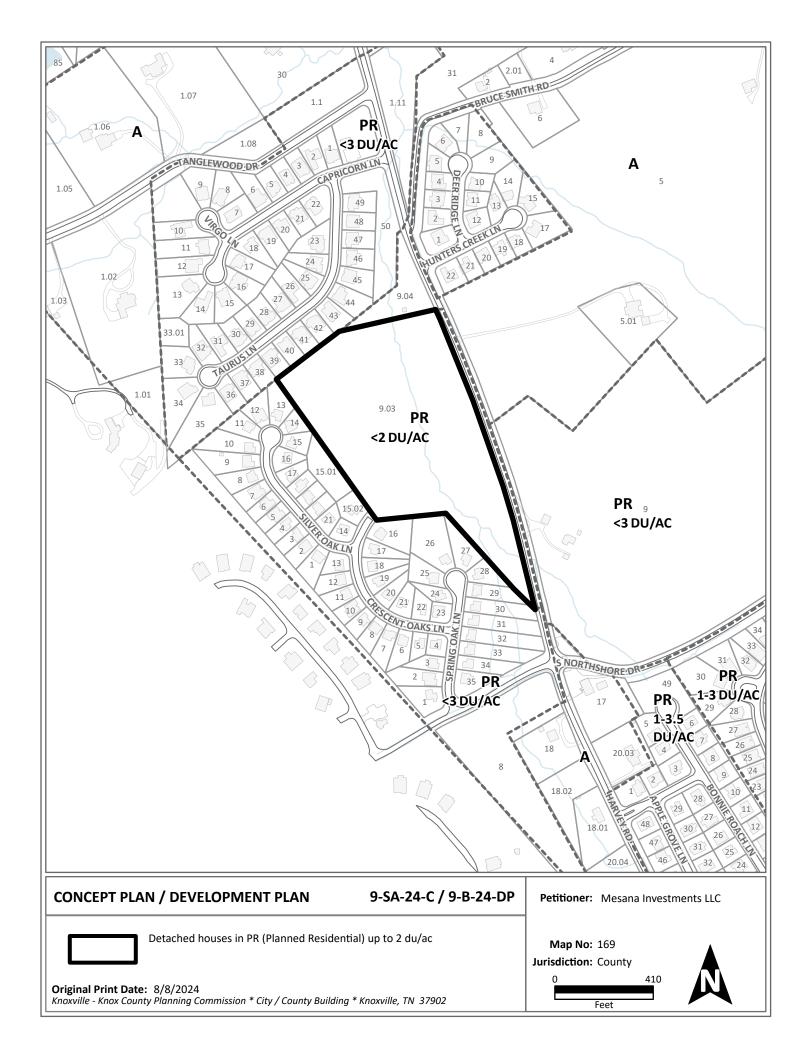
Schools affected by this proposal: Northshore Elementary, Farragut Middle, and Farragut High.

- 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.

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).

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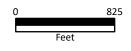


# **Exhibit A. Contextual Images** BRUCE SMITH RD **Location Map** TANGLE WOOD DR **Aerial Map**



9-B-24-DP / 9-SA-24-C

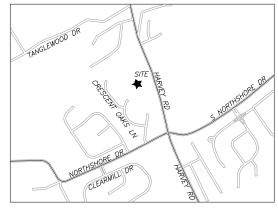
Case boundary







SITE ADDRESS: 0 HARVEY ROAD, KNOXVILLE, TENNESSEE 37922 CLT MAP 169, PARCEL 9.03



LOCATION MAP

## DEVELOPER:

EAGLE BEND DEVELOPMENT LLC 1920 EBENEZER ROAD KNOXVILLE, TN 37922



SITE ENGINEER:

URBAN ENGINEERING, INC.

CHRIS SHARP

10330 HARDIN VALLEY ROAD, SUITE 201

KNOXVULE, TENNESSEE 37932

(865) 966–1924

SPECIFICATIONS
EXCEPT WHERE DIRECTED DITHEMISE BY THE PLANS, WORKMANSHIP
AND MATERIAL (BUT NOT MEASUREMENT AND PAYMENT) FOR THIS
PROJECT SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS AND STANDARDS.

ELECTRICAL

 AS DIRECTED BY LCUB
 AS DIRECTED BY KNOXVILLE UTILITIES BOARD
 AS DIRECTED BY FIRST UTILITY DISTRICT GAS WATER & SEWER TELEPHONE - AS DIRECTED BY AT&T

- AS DIRECTED BY COMCAST

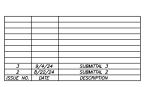
SITE DEVELOPMENT - KNOX COUNTY STANDARDS AND SPECIFICATIONS

# SHEET INDEX

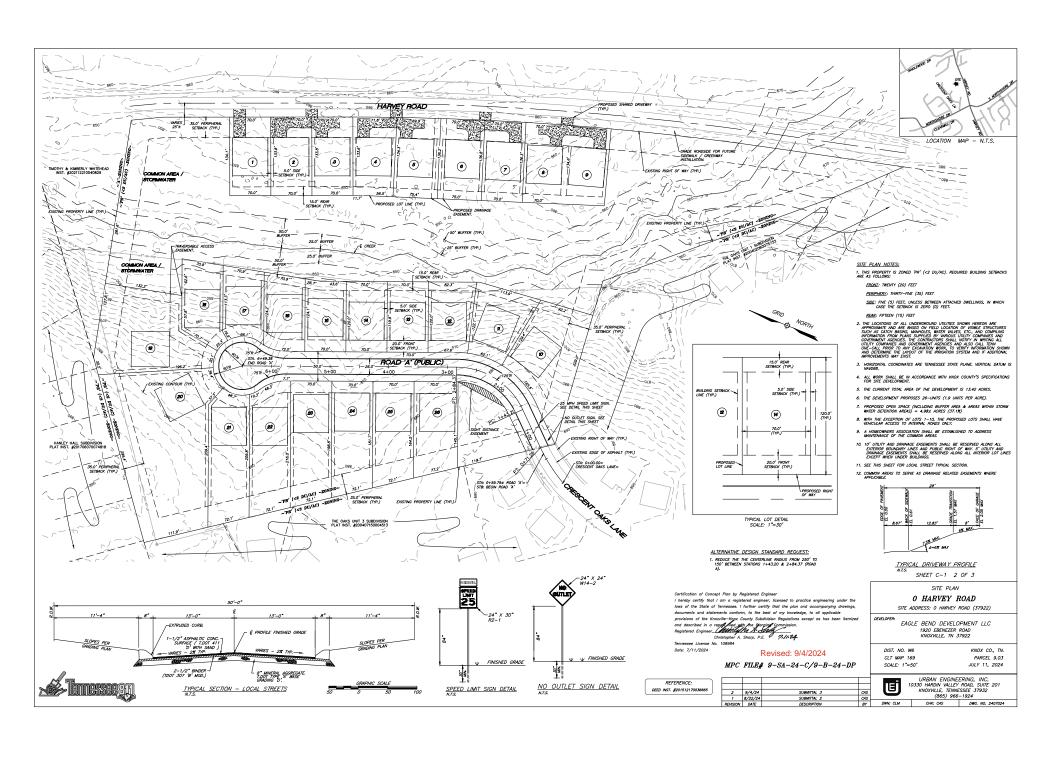
<u>TITLE</u>	<u>SHEET</u>
TITLE SHEET	C-0
SITE PLAN	C-1
ROAD 'A' PROFILE	C-2

Revised: 9/4/2024

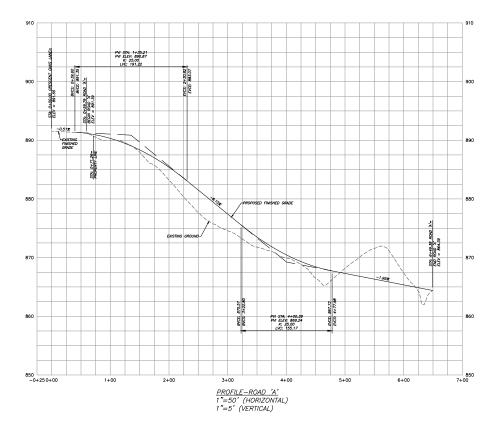
MPC FILE# 9-SA-24-C/9-B-24-DP



SHEET C-0 - 1 OF 3







SHEET C-2 3 OF 3

ROAD 'A' PROFILE O HARVEY ROAD

SITE ADDRESS: 0 HARVEY ROAD (37922)

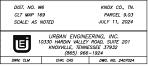
KNOX CO., TN. PARCEL 9.03 JULY 11, 2024

EAGLE BEND DEVELOPMENT LLC 1920 EBENEZER ROAD KNOXVILLE, TN 37922

Revised: 9/4/2024

MPC FILE# 9-SA-24-C/9-B-24-DP

REFERENCE: DEED INST. #201512170036665







# Alternative Design Standards

The minimum design and performance standards shall apply to all subdivisions unless an alternative design standard is permitted within Article 3 Section 3.01.D, Application of Alternative Design Standards, or Article 4.01.C, Street Standards (within Hillside and Ridgetop Areas).

There are some alternative design standards that require Planning Commission approval, and some that can be approved by the Engineering Departments of the City or County. However, the City or County Engineering Departments, as applicable, will provide review comments on any alternative design proposed. These comments will be provided during the review process.

# **Alternative Design Standards Requiring Planning Commission Approval**

Section 3.03.B.2 - Street frontage in the PR (Planned Residential) zone, Knox County

Section 3.03.E.1.e – Maximum grade of private right-of-way

Section 3.03.E.3.a – Pavement width reduction, private rights-of-way serving 6 or more lots

Section 3.04.H.2 – Maximum grade, public streets

Section 3.04.I.1.b.1 – Horizontal curves, local streets in Knox County

# Alternative Design Standards Approved by the Engineering Departments of the City of Knoxville or Knox County

Section 3.03.E.3.a – Right-of-way width reduction, private rights-of-way serving 6 or more lots

Section 3.04.A.3.c – Right-of-way dedication, new subdivisions

Section 3.04.F.1 – Right-of-way reduction, local streets

Section 3.04.G.1 – Pavement width reduction, local streets

Section 3.04.H.3 – Intersection grade, all streets

Section 3.04.J.2 – Corner radius reduction in agricultural, residential, and office zones

Section 3.04.J.3 – Corner radius reduction in commercial and industrial zones

Section 3.11.A.2 – Standard utility and drainage easement

By signing this form, I certify that the criteria for a variance have been met for each request, and that any and all requests needed to meet the Subdivision 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.



Christopher Sharp

8/20/24

Signature Printed Name Date

For each alternative design standard requested, identify how the proposed alternative design either meets the intent of the standard in the Subdivision Regulations or meets an alternative, nationally recognized engineering standard such as The American Association of State Highway and Transportation Officials (AASHTO) or Public Right-of-Way Accessibility Guidelines (PROWAG).

1. ALTERNATIVE DESIGN STANDARD REQUESTED:  Reduce the centerline radius from 250' to 125' between stations 1+43.20 and 2+84.37 (Road A).
Approval required by: Planning Commission ■ Engineering □
Engineering supports the alternative design standard requested (to be completed during review process): YES ■ NO □ Engineering Comments:
2. ALTERNATIVE DESIGN STANDARD REQUESTED:
Approval required by: Planning Commission $\square$ Engineering $\square$
Engineering supports the alternative design standard requested (to be completed during review process): YES □ NO □ Engineering Comments:
3. ALTERNATIVE DESIGN STANDARD REQUESTED:
<b>Approval required by:</b> Planning Commission $\square$ Engineering $\square$
Engineering supports the alternative design standard requested
(to be completed during review process): YES $\square$ NO $\square$

**Engineering Comments:** 

Updated: January 10, 2024



# **Development Request**

	DEVELOPMENT	SUBDIVISION	ZONING
Planning	✓ Development Plan	✓ Concept Plan	Rezoning
Planning	☐ Planned Development	$\square$ Final Plat	☐ Plan Amendment
KNOXVILLE I KNOX COUNTY	☐ Use on Review / Special Use		☐ Sector Plan
	☐ Hillside Protection COA		☐ City OYP / County Comp Plan
Mesana Investments LLC			
Applicant Name		Affilia	tion
7/17/2024	9/12/2024	9-SA-24-C / 9-	B-24-DP
Date Filed	Meeting Date (if applicable)	File Number(s)	
CORRECTONIDENCE			
CORRESPONDENCE	All correspondence related to this application s	hould be directed to the	e approved contact listed below.
Chris Sharp, P.E. Urban Engineering	g, Inc.		
Name / Company			
10330 Hardin Valley Rd. Pk. Suite 2	01 Knoxville TN 37932		
Address			
865-966-1924 / chris@urban-eng.c	om.		
Phone / Email	OIII		
r none / Linaii			
CURRENT PROPERTY INFO			
Sam Harvey	3300 Lee Street NE		
Owner Name (if different)	Owner Address		Owner Phone / Email
0 HARVEY RD			
Property Address			
169 00903			13.42 acres
Parcel ID	Part of I	Parcel (Y/N)?	Tract Size
First Knox Utility District	First Knox Utility D	istrict	
Sewer Provider	Water Provider		Septic (Y/N)

**COMMUNITY ENGAGEMENT** 

Sign and return the **Public Notice and Community Engagement** form with this application.

Planning strives to provide community members with information about upcoming cases in a variety of ways. In addition to posting public notice signs, our agency encourages applicants to provide information and offer opportunities for dialogue related to their upcoming case(s). We require applicants to acknowledge their role in this process.

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DEVELOPMENT REQUEST			
✓ Development Plan ☐ Plann	ed Development 🔲 Use o	on Review / Special Use	Related City Permit Number(s)
☐ Hillside Protection COA	☐ Resid	dential Non-residential	
Home Occupation (specify)			
Other (specify) <b>Detached houses</b>			
SUBDIVSION REQUEST			
0 Harvey Rd			Related Rezoning File Number
Proposed Subdivision Name			
		27	
Unit / Phase Number	plit Parcels	Total Number of Lots Created	
Additional Information			
Attachments / Additional Requi	rements		
ZONING REQUEST			
Zoning			Pending Plat File Number
Change Proposed Zoning			
Plan			
Amendment Proposed Plan De	esignation(s)		
	revious Rezoning Requests		
Additional Information			
STAFF USE ONLY			
PLAT TYPE		Fee 1	Total
☐ Staff Review ☐ Planning	g Commission	\$1,600.00	)
ATTACHMENTS		. ,	
Property Owners / Option Hold		Fee 2	
Amendment Request (Compreh	·		
ADDITIONAL REQUIREMENT  ✓ Use on Review / Special Use (Co		Fee 3	
Traffic Impact Study	эпсерс Ріап)	ree 3	
☐ COA Checklist (Hillside Protection	on)		
ALITHORIZATION			
AUTHORIZATION			
I declare under penalty of perjury all associated materials are being		ct: 1) He/she/it is the owner of the pro sent.	operty, AND 2) the application and
	Mesana Investments		7/17/2024
Applicant Signature	Please Print		Date
Phone / Email			
December On Civil	Sam Harvey		7/17/2024
Property Owner Signature	Please Print		Date

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SOMEONING MECHANISA DISTA DE L'ARCHES L'ARCHES AND ARCHES AND ARCH ') Sign the application digitally (or print, sign, and scan). (o) enthor print the completed form and bring it to the Knoxville-Knox County Planning offices OR email it to applications@knoxplanning.org

**Reset Form** 



**Development Request** 

Planning	DEVELOPMENT  ■ Development Plan  □ Planned Development  □ Use on Review / Special Use  □ Hillside Protection COA		SUBDIVISION ■ Concept Plan □ Final Plat		ZONING  ☐ Plan Amendment ☐ SP ☐ PA ☐ Rezoning	
Mesana Investments, LLC				Optio	n Holder	
Applicant Name				Affiliati	ion	
07/15/2024	9/12/24					File Number(s)
Date Filed	Meeting Date (if applicable)			9-SA-24-C 9-B-24-DP		
CORRESPONDENCE All	correspondence related	d to this application s	hould be dire	ected to the ap	proved cont	act listed below.
☐ Applicant ☐ Property Owner	☐ Option Holder	☐ Project Surveyor	Engin	eer 🗌 Archi	tect/Landsc	ape Architect
Chris Sharp		Urban	Engineer	ng, Inc.		
Name	1	Compa	ny			
10330 Hardin Valley Road, Su	ite 201	Knoxv	ille	TN	(	37932
Address		City		State	7	ZIP
(865) 966-1924	chris@urba	in-eng.com				
Phone	Email					
CURRENT PROPERTY INFO						
Sam Harvey	330	O Lee Street, NE				
Property Owner Name (if different)	Prop	erty Owner Address			Property (	Owner Phone
0 Harvey Road (37772)			169 0090	03		
Property Address			Parcel ID			
FUD	FUD					No
Sewer Provider	Water Provider					Septic (Y/N)
STAFF USE ONLY						
General Location				Tract Si	ze	
☐ City County ☐ District	Zoning District		Existing	Land Use		
Planning Sector	Land Use ,	' Place Type		Growth	Policy Plan	Designation

COUNTY

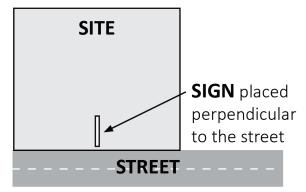
DEVELOPMENT REQUEST			ж-
☐ Development Plan ☐ Use on Review / Special Use ☐ Hillside Protection COA ☐ Residential ☐ Non-Residential  Home Occupation (specify)			Related City Permit Number(s)
Other (specify)	9		
SUBDIVISION REQUEST			
			Related Rezoning File Number
Proposed Subdivision Name			
Unit / Phase Number Combine Parce	ls Divide Parcel Total Num	ber of Lots Created	
☐ Other (specify)			
☐ Attachments / Additional Requirements			
ZONING REQUEST			
		LUI	Pending Plat File Number
Zoning Change Proposed Zoning			
☐ Plan Amendment Change			
Proposed Plan	Designation(s)		
Proposed Density (units/acre)	Previous Rezoning Requests		
Other (specify)			
STAFF USE ONLY			
PLAT TYPE		Fee 1	Total
☐ Staff Review ☐ Planning Commission	į.	1	
ATTACHMENTS  ☐ Property Owners / Option Holders ☐ Value   Val		Fee 2	
☐ Amendment Request (Comprehensive Plan	ariance Request	r via	\$1600.00
ADDITIONAL REQUIREMENTS			
Use on Review / Special Use (Concept Plan	)	Fee 3	
☐ Traffic Impact Study ☐ COA Checklist (Hillside Protection)			
AUTHORIZATION			
☐ I declare under penalty of perjury the foregoing			
1) He/she/it is the owner of the property AND	2) The application and all associated n	naterials are being submit	tted with his/her/its consent
Muner	Mesana Investments	s, LLC	7/11/24
Applicant Signature	Please Print		Date
(865) 693-3356	swd444@gmail.com		
Phone Number	Email		
Sam W Harvey 07/12/24	Sam W Harvey		07/17/2024, SG
Property Owner Signature	Please Print		Date Paid



# 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:

08/30/2024	_ and	09/13/2024
(applicant or staff to post sign)		(applicant to remove sign)
Applicant Name: Mesana Investments, LLC		
Date: 07/17/2024		Sign posted by Staff
File Number: 9-SA-24-C & 9-B-24-DP		Sign posted by Applicant