Planning
KNOXVILLE I KNOX COUNTY

SUBDIVISION REPORT -CONCEPT/DEVELOPMENT PLAN

FILE #: 12-SG-23-C	AGENDA ITEM #: 34
12-H-23-DP	AGENDA DATE: 12/14/2023
SUBDIVISION:	BRADLEY LAKE LANE (FKA SPRING LAKE FARMS, PHASE 3)
APPLICANT/DEVELOPER:	URBAN ENGINEERING, INC.
OWNER(S):	Mesana Investments, LLC
TAX IDENTIFICATION:	92 PART OF 053 View map on KGIS
JURISDICTION:	County Commission District 3
STREET ADDRESS:	0 BOGART LN
► LOCATION:	Northwest side of Bradley Lake Ln, southeast of Jumping Jack Ln
SECTOR PLAN:	Northwest County
GROWTH POLICY PLAN:	Urban Growth Area (Outside City Limits)
WATERSHED:	Grassy Creek
APPROXIMATE ACREAGE:	3.33 acres
ZONING:	PR (Planned Residential) up to 4 du/ac
EXISTING LAND USE:	Agriculture/Forestry/Vacant Land
PROPOSED USE:	Detached residential subdivision
SURROUNDING LAND USE AND ZONING:	North: Single family residential - PR (Planned Residential) up to 4 du/ac South: Rural residential, agriculture/forestry/vacant land - A (Agricultural) East: Agriculture/forestry/vacant land - A (Agricultural), RN-2 (C) (Single- Family Residential Neighborhood) West: Single family residential - PR (Planned Residential) up to 4 du/ac
NUMBER OF LOTS:	13
SURVEYOR/ENGINEER:	Chris Sharp, P.E. Urban Engineering, Inc.
ACCESSIBILITY:	Access is via Bradley Lake Ln, a local street with a 12-ft pavement width within a 50-ft right-of-way
 SUBDIVISION VARIANCES REQUIRED: 	None

STAFF RECOMMENDATION:

Approve the Concept Plan subject to 6 conditions.

1) Connection to sanitary sewer and meeting other relevant utility provider requirements.

2) Bradley Lake Lane must be widened to a minimum of 18 ft wide from the Jumping Jack Lane intersection to the eastern side of the driveway on Lot 13. The road widening shall be designed by the applicant during the design plan phase and submitted for review and approval to Knox County Engineering and Public Works. A Memorandum of Understanding with Knox County Engineering and Public Works is required per Chapter 54, Article V of the Knox County Code (Ord. O-23-4-102).

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3) The required stormwater detention pond must be located on the property of the Bradley Lake Lane Subdivision.

4) The final plat for the subdivision, or each phase, must contain the minimum land area zoned PR up to 4 du/ac to accommodate the number of lots on the plat. The land area dedicated to public right-of-way shall not be counted for the purpose of determining density. The proposed 13 lots require a minimum of 3.25 acres.
5) Meeting all applicable requirements of the Knox County Department of Engineering and Public Works.
6) Meeting all applicable requirements of the Knox County Zoning Ordinance.

Approve the development plan for a residential subdivision with up to 13 detached dwellings on individual lots, as shown on the plan, subject to 2 conditions.

1) Meeting all applicable requirements of the Knox County Zoning Ordinance.

2) The final plat for the subdivision, or each phase, must contain the minimum land area zoned PR up to 4 du/ac to accommodate the number of lots on the plat. The land area dedicated to public right-of-way shall not be counted for the purpose of determining density. The proposed 13 lots require a minimum of 3.25 acres.

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 subdivision request is for 13 lots with direct access to Bradley Lake Ln. The 3.3 acres associated with this request is currently part of the Spring Lake Farms Subdivision common area and is within the HP (Hillside Protection) area. The Spring Lake Farms Subdivision will remain in compliance with the PR (Planned Residential) up to 4 du/ac zoning with the Bradley Lake Lane acreage taken out.

BACKGROUND

In August 2023, Phase 2 of the Spring Lake Farms Subdivision was approved with 57 attached houses on individual lots (8-SA-23-C / 8-B-23-DP). This replaced approximately 39 detached house lots previously approved for the subdivision, resulting in an increase of 18 dwelling units. With that approval, the Spring Lake Farms Subdivision was approved for up to 137 dwelling units on approximately 42.3 acres zoned PR at an overall (gross) density of approximately 3.24 du/ac.

TRANSPORTATION

Bradley Lake Lane is approximately 10-12 ft wide from the entrance of the Spring Lake Farms Subdivision (Jumping Jack Ln) to the southeastern terminus at Lot 13. The road must be widened to a minimum of 18 ft to accommodate the new house lots. The applicant must enter into a Memorandum of Understanding with Knox County Engineering and Public Works for these improvements to be completed per Chapter 54, Article V of the Knox County Code (Ord. 0-23-4-102).

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 du/ac:

a) The PR zone allows houses and attached 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) This PR zone district is approved for a maximum of 4 du/ac. The proposed density for the subdivision is 3.9 du/ac. The gross (overall) density for both subdivisions is 3.55 du/ac.

2) GENERAL PLAN – DEVELOPMENT POLICIES

a) Policy 9.3, Ensure that the context of new development, including scale and compatibility, does not impact existing neighborhoods and communities – NOTE: The proposed houses will have similar scale as the existing houses along Bradley Lake Ln and the Spring Lake Farms Subdivision.

3) NORTHWEST COUNTY SECTOR PLAN

a) The property is classified as LDR (Low Density Residential), which allows consideration of up to 5 du/ac. The proposed density is 3.9 du/ac.

B) All 3.33 acres associated with this development are entirely within the HP (Hillside Protection) area, the majority of which is proposed to be disturbed. The attached slope analysis is for the subject site and the remaining acreage for the Spring Lake Farms Subdivision. When Spring Lake Farms was approved (12-C-18-

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C / 12-J-18-UR), narrower pavement and right-of-way width was approved to help reduce disturbance of the HP area. The slope analysis recommends a disturbance budget of 8.0 acres within the HP area. The combined disturbance within the HP area for the subject proposal and Spring Lake Farms (based on 2022 aerials) is approximately 8 acres.

4) KNOXVILLE - FARRAGUT - KNOX COUNTY GROWTH POLICY PLAN

a) The property is within the Urban Growth Boundary. The purposes of the Urban Growth Boundary designation are to encourage a reasonably compact pattern of development, promote the expansion of the Knoxville-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 service.

ESTIMATED TRAFFIC IMPACT: 154 (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: 5 (public school children, grades K-12)

Schools affected by this proposal: Amherst 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.

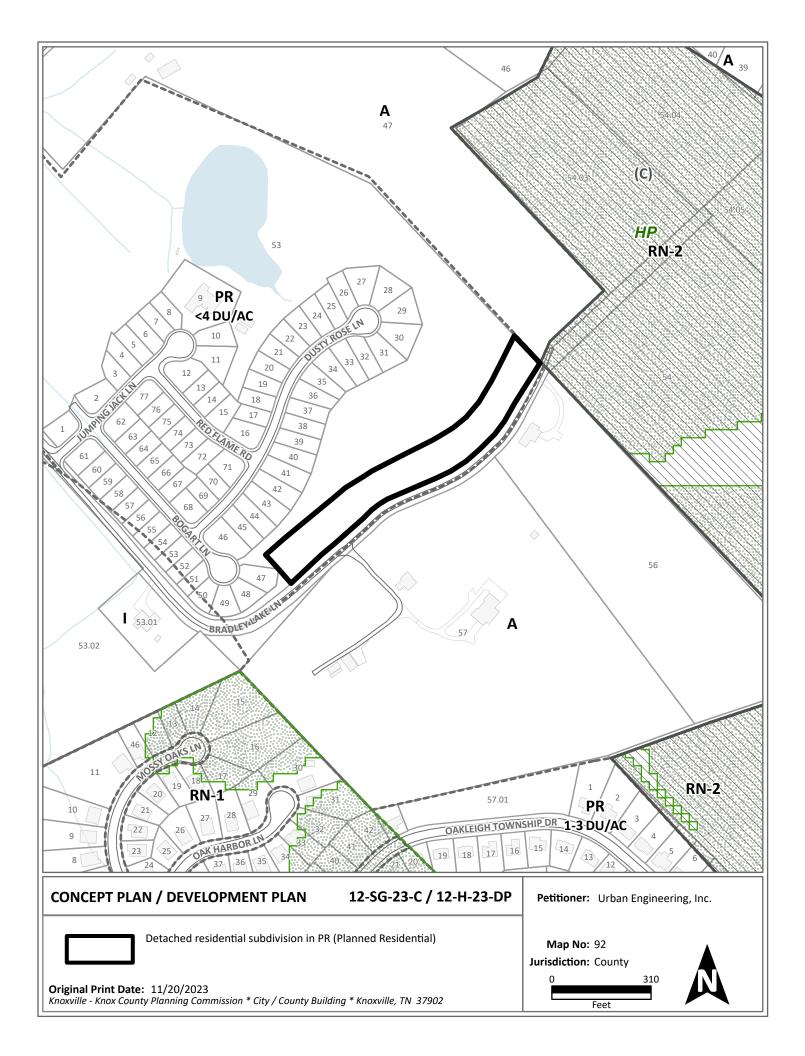
• Students are assigned to schools based on current attendance zones as determined by Knox County Schools. Students may request transfers to different zones, and zone boundaries are subject to change.

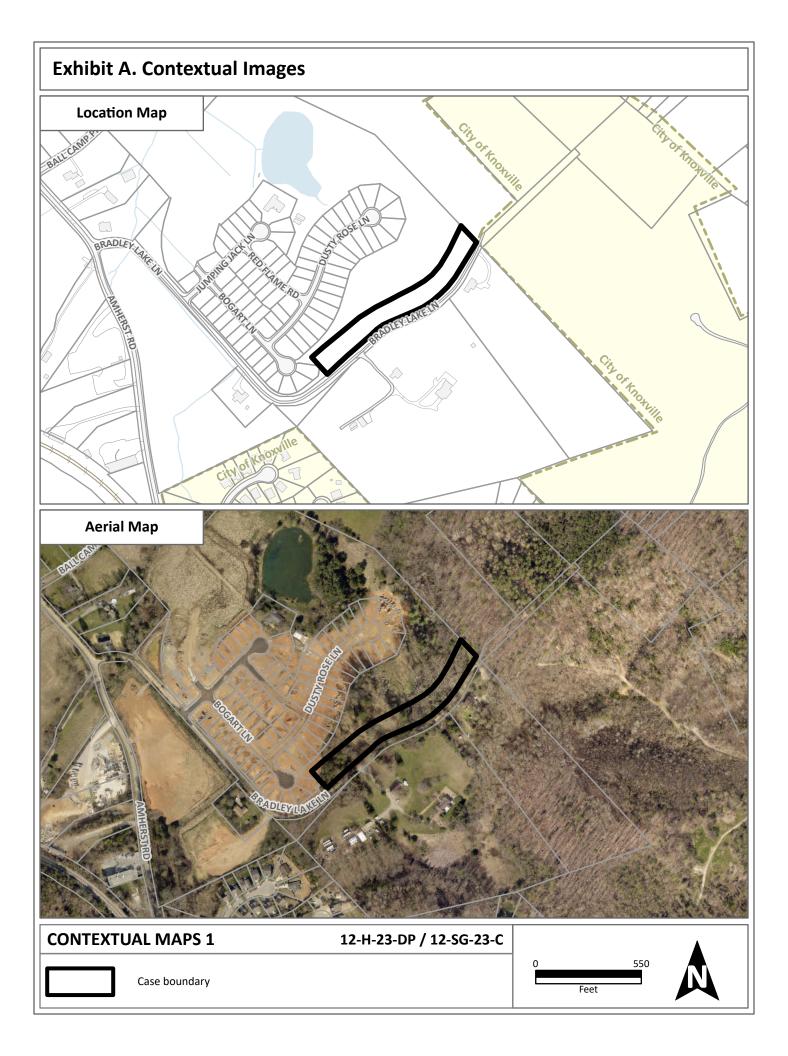
• Estimates presume full build-out of the proposed development. Build-out is subject to market forces, and timing varies widely from proposal to proposal.

• 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.

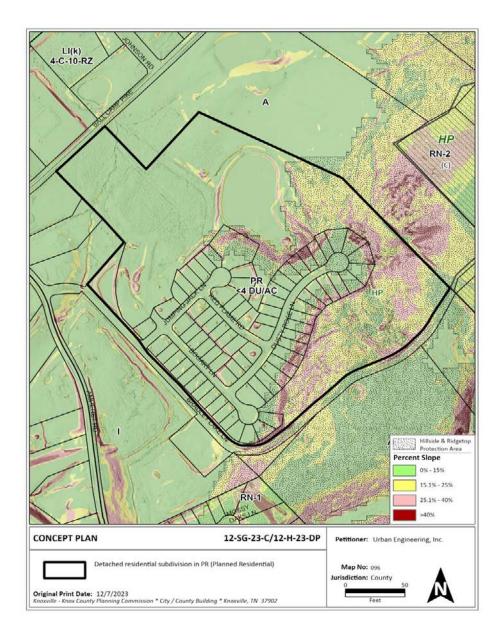
The Planning Commission's approval or denial of this development plan request is final, unless the action is appealed either to the Board of Zoning Appeals or to a court of competent jurisdiction within thirty (30) days of the decision being appealed (Knox County, Tennessee Code of Ordinances, Appendix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





Staff - Slope Analysis Case: 12-SG-23-C/1-H-23-DP

CATEGORY	ACRES	RECOMMENDED DISTURBANCE BUDGET (Percent)	DISTURBANCE AREA (Acres)
Total Area of Site	42.5		
Non-Hillside	27.1	N/A	
0-15% Slope	4.2	100%	4.2
15-25% Slope	5.8	50%	2.9
25-40% Slope	4.0	20%	0.8
Greater than 40% Slope	1.3	10%	0.1
Ridgetops			
Hillside Protection (HP) Area	15.3	Recommended disturbance budget within HP Area (acres)	8.0
		Percent of HP Area	52.3%





LOCATION MAP

Cartification of Concept Pain by Registered Engineer I hordy cartify that I an an engineered engineer, Koncead Ia practice engineering under the base of the State of Temassae. I there early that the pion one accompanying drawings, documents and alutements contam, to the baset of my konstedge, to al capticoble provisions of the Koncelli-Gia Couchy Schuliscian Regulations exceed as has been itemized and described in a regel right sign for granying commission. Registered Engineer J. Storge, R.E. Contralopher A, Storge, R.E. Constrained R. 188986 Cole: 11/27/2023

DEVELOPER: EAGLE BEND DEVELOPMENT LLC 1920 EBENEZER ROAD KNOXVILLE, TN 37922	
SITE ENGINEER: URBAN ENGINEERING, INC. CHRIS SHARP 10330 HARDIN VALLEY RD, \$201 KNOXVILLE, TENNESSEE 37932 (865) 966–1924	
SPECIFICATIONS EXCEPT WHERE DIRECTED OTHERWISE BY THE PLANS, WORKMANSHIP AND MATERIAL (BUT NOT MESSUREWENT AND PAYMENT) FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS AND STANDARDS.	
ELECTRICAL – AS DIRECTED BY KNOXVILLE UTILITIES BOARD GAS – AS DIRECTED BY KNOXVILLE UTILITIES BOARD WATER & SEWER – AS DIRECTED BY KNOXVILLE UTILITIES BOARD TELEPHONE – AS DIRECTED BY AT&T CABLE – AS DIRECTED BY COMCAST SITE DEVELOPMENT – KNOX COUNTY STANDARDS AND SPECIFICATIONS	

MPC FILE# 12-SG-23-C / 12-H-23-DP

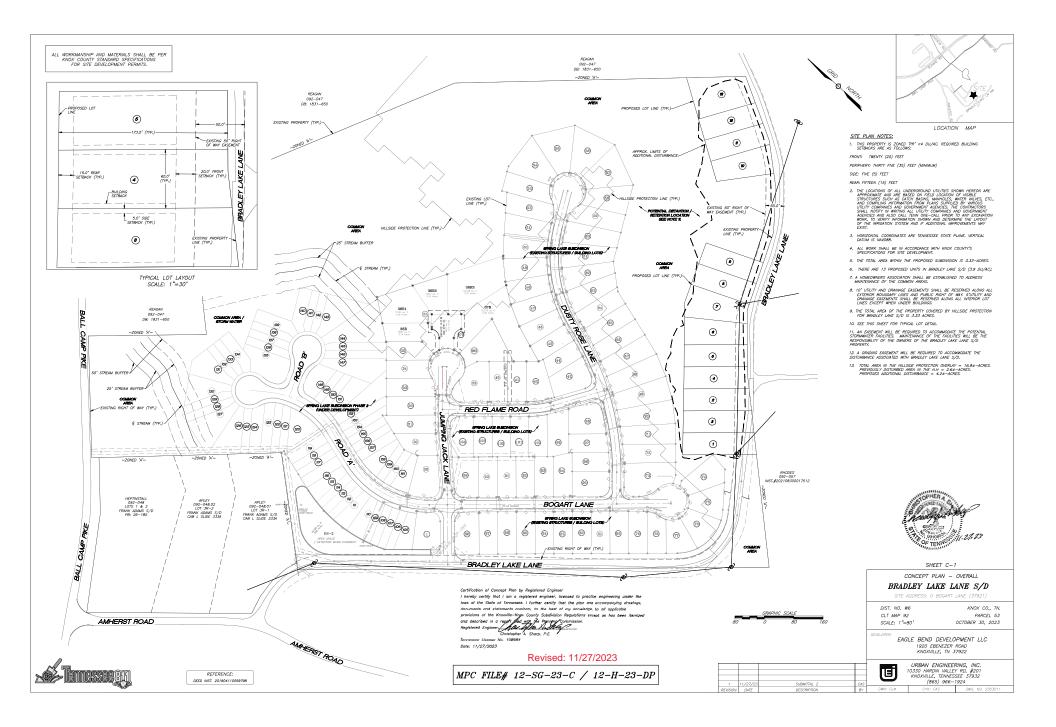
Revised: 11/27/2023

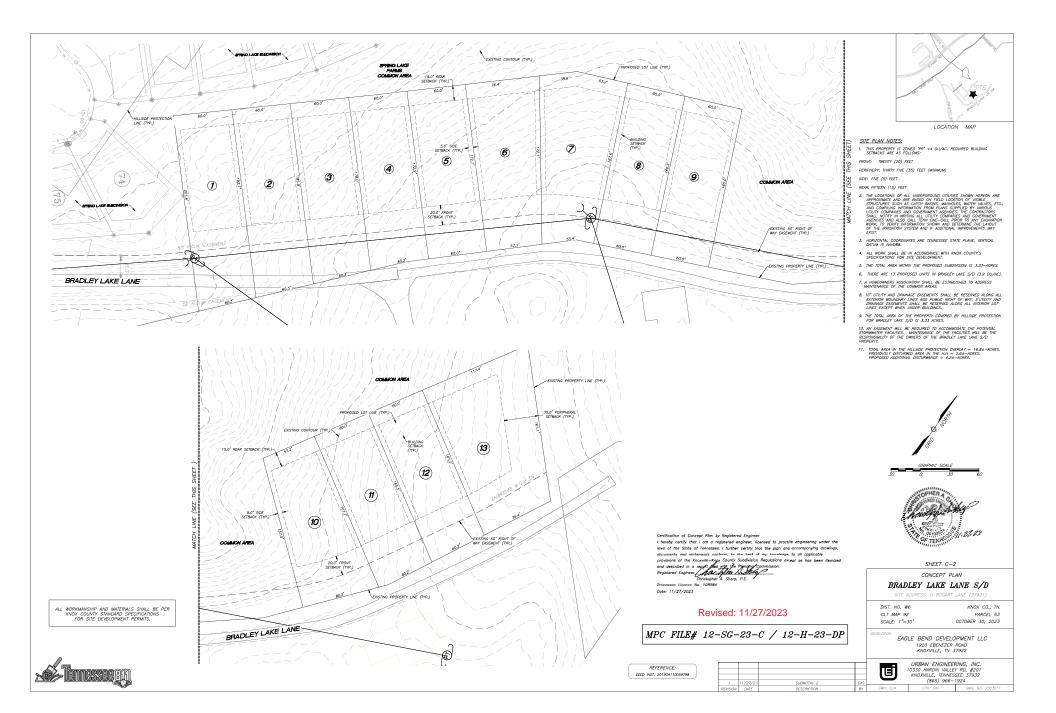
SHEET INDEX <u>_____</u> TITLE SHEET С-О KEY SHEET C-1 SITE PLAN C-2





SHEET C-0 - 1 OF 3





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Development Request

DEVELOPMENT

□ Planned Development

□ Use on Review / Special Use □ Hillside Protection COA

✓ Development Plan

SUBDIVISION

✓ Concept Plan
☐ Final Plat

Plan AmendmentSector PlanOne Year Plan

🗌 Rezoning

ZONING

Urban Engineering, Inc.		
Applicant Name		Affiliation
11/13/2023	12/14/2023	12-SG-23-C / 12-H-23-DP
Date Filed	Meeting Date (if applicable)	File Number(s)
CORRESPONDENCE	All correspondence related to this application	should be directed to the approved contact listed below.
Chris Sharp, P.E. Urban E	ngineering, Inc.	
Name / Company		
10330 Hardin Valley Rd. F	Pk. Suite 201 Knoxville TN 37932	
Address		
865-966-1924 / chris@url	ban-eng.com	
Phone / Email		
CURRENT PROPERTY	(INFO	
Mesana Investments, LLC	1920 Ebenezer Rd Knoxville TN	37922 865-693-3356 / swd444@gmail.
Owner Name (if different)	Owner Address	Owner Phone / Email
0 BOGART LN		
Property Address		
92 part of 053		3.25 acres
Parcel ID	Part of	Parcel (Y/N)? Tract Size
Knoxville Utilities Board	Knoxville Utilities	Board
Sewer Provider	Water Provider	Septic (Y/N)
STAFF USE ONLY		
Northwest side of Bradle	y Lake Ln, southeast of Jumping Jack Ln	
General Location		
City Commission Dis	trict 3 PR (Planned Residential)	Agriculture/Forestry/Vacant Land
County District	Zoning District	Existing Land Use
Northwest County	LDR (Low Density Residential), HP (Hillside Pr	otection) Urban Growth Area (Outside City Limit
Planning Sector	Sector Plan Land Use Classification	Growth Policy Plan Designation

DEVELOPMENT REQUEST				
✓ Development Plan □ Plan	ned Development 🗌 Use d	on Review / Special Use	Related City P	ermit Number(s)
Hillside Protection COA	Resid	dential 🗌 Non-residential		
Home Occupation (specify)				
Other (specify) Detached reside	ential subdivision			
SUBDIVSION REQUEST				
Spring Lake Farms			Related Rezor	ning File Number
Proposed Subdivision Name				
Phase 3		13		
Unit / Phase Number	Split Parcels	Total Number of Lots Created		
Additional Information				
Attachments / Additional Requ	uirements			
ZONING REQUEST				
Zoning Change			Pending Pla	at File Number
Proposed Zol	ning		-	
🗌 Plan				
Amendment Proposed P	lan Designation(s)			
	Previous Zoning Requests			
Additional Information				
STAFF USE ONLY		1		
PLAT TYPE		Fee 1		Total
Staff Review Plannin	ng Commission	\$875.00		
ATTACHMENTS	_			
Property Owners / Option Hol		Fee 2		
ADDITIONAL REQUIREMEN				
Design Plan Certification (Final	,	Fee 3		
Site Plan (Development Reque	est)			
Traffic Impact Study				
✓ Use on Review / Special Use (0	Concept Plan)			
AUTHORIZATION				
		ect: 1) He/she/it is the owner of the pro	perty, AND 2) the	e application and
all associated materials are bein	g submitted with his/her/its con Urban Engineering, Ir			11/13/2023
Applicant Signature	Please Print	ic.		Date
Phone / Email				
	Mesana Investments	, LLC		11/13/2023
Property Owner Signature	Please Print			Date

whoau and jir out this jorn at In the application digitally (or pr	int, sign, and scan).	of Entrier print the comp Knoxville-Knox Count OR email it to applice	y Planning officient	ces anning.org	Reset For
Planning KNOXVILLE I KNOX COUNTY	DEVELOPMEN Developmen Planned Dev	t Plan elopment ew / Special Use	t Req subdivision © Concept © Final Pla	DN Plan	ZONING Plan Amendment SP OYP Rezoning
Urban Engineering, Inc.				Engin	eer
Applicant Name				Affiliati	on
10/26/2023	12/14/23	1			File Number(s)
Date Filed	Meeting Da	te (if applicable)			
CORRESPONDENCE	All correspondence rela	ted to this application sh	ould be directed	d to the ap	proved contact listed below.
🗌 Applicant 🛛 🗌 Property Ow	vner 🗌 Option Holder	Project Surveyor	🔳 Engineer	🗌 Archi	tect/Landscape Architect
Chris Sharp		Urban	Engineering	, Inc.	
Name		Compar	iγ		
10330 Hardin Valley Road	, Suite 201	Knoxv	ille	ΤN	37932
Address		City		State	ZIP
(865) 966-1924	chris@u	rban-eng.com			
Phone	Email				
CURRENT PROPERTY INF	0				
Mesana Investments, LLC	1	920 Ebenezer Road	(37922)		(865) 693-3356
Property Owner Name (if differe	ent) Pr	operty Owner Address			Property Owner Phone
0 Bogart Lane Knoxvill	e, TN 37921		092 053 (pa	rt of)	
Property Address			Parcel ID		
KUB		KUB			
Sewer Provider		Water Provider			Septic (Y/N
STAFF USE ONLY	L				
General Location				Tract Si	ze
City 🗌 County District	Zoning Dist	rict	Existing Lan	d Use	
Planning Sector	Sector Plan	Land Use Classification		Growth	n Policy Plan Designation

DEVELOPMENT REQUEST

🛛 Development Plan	Use on Review / Special Use	Hillside Protection COA	Related City Permit Number(s)
🔀 Residential	Non-Residential		
Home Occupation (spe	cify)		
Detac Other (specify)	hed residential subdivision		

SUBDIVISION REQUEST

Spring Lake Farms		Related Rezoning File Number
Proposed Subdivision Name Phase 3 Combine Parcels Divide Parcel	13	
Unit / Phase Number	Total Number of Lots Created	
Other (specify) Attachments / Additional Requirements		
ZONING REQUEST		
Zoning Change Proposed Zoning	· · · · ·	Pending Plat File Number
Plan Amendment Change Proposed Plan Designation(s)		
Proposed Density (units/acre) Previous Rezoning Re	equests	
STAFF USE ONLY		4912-60-2019-6-4-4-9
PLAT TYPE Staff Review Planning Commission	Fee 1 0102 \$875	Total
ATTACHMENTS	Fee 2	\$875.00
ADDITIONAL REQUIREMENTS Design Plan Certification (Final Plat) 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 is true and correct:
 1) He/she/it is the owner of the property AND 2) The application and all associated materials are being submitted with his/her/its consent

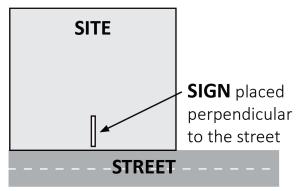
Chris Sharp	Digitally signed by Chris Sharp Date: 2023.10.26 14:26:15 -04'00'	Urban Engineering, Inc.	10/26/23
Applicant Signature		Please Print	Date
(865) 966-1924	\frown	chris@urban-eng.com	
Phone Number	1	Email	
Lind		Scott Davis	
Property Owner Signat	ture	Please Print	Date Paid



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-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 removing the sign(s) provided consistent with the above guidelines and between the dates of:

12/29/2023	and	01/12/2024	
(applicant or staff to post sign)		(applicant to remove sign)	
Applicant Name: Urban Engineering			
Date: 11/14/2023		Sign posted by Staff	
File Number: _12-SG-23-C & 12-H-23-DP		Sign posted by Applicant	