

SUBDIVISION REPORT - CONCEPT

► FILE #: 8-SE-22-C AGENDA ITEM #: 25

AGENDA DATE: 8/11/2022

► SUBDIVISION: LOY FARMS

► APPLICANT/DEVELOPER: ROBERT G. CAMPBELL & ASSOCIATES

OWNER(S): William S. Wilson III Wilko LLC

TAX IDENTIFICATION: 162 062 <u>View map on KGIS</u>

JURISDICTION: County Commission District 5
STREET ADDRESS: 12320 S NORTHSHORE DR

► LOCATION: Southeast side of S. Northshore Dr., north of Choto Rd.

SECTOR PLAN: Southwest County
GROWTH POLICY PLAN: Planned Growth Area
WATERSHED: Tennessee River

► APPROXIMATE ACREAGE: 11.4 acres

► ZONING: PR (Planned Residential)

► EXISTING LAND USE: Agriculture/Forestry/Vacant Land
► PROPOSED USE: Detached residential subdivision

SURROUNDING LAND USE AND ZONING:

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

South: Single family residential, agricultural, and self-storage - A

(Agricultural), PR (Planned Residential), CN(k) (Neighborhood Commercial)

East: Single family residential and rural residential - PR (Planned

Residential), A (Agricultural)

West: Self-storage and single family residential - CN(k) (Neighborhood

Commercial), A (Agricultural)

► NUMBER OF LOTS: 29

SURVEYOR/ENGINEER: Robert G. Campbell & Assoc.

ACCESSIBILITY: Access is via S. Northshore Drive, a minor arterial with 19 ft of pavement

width within 68 ft of right-of-way.

► SUBDIVISION VARIANCES VARIANCES

REQUIRED: 1. None

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOXVILLE-KNOX

COUNTY PLANNING COMMISSION APPROVAL

1. None

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOX COUNTY

ENGINEERING AND PUBLIC WORKS APPROVAL

1. Increase the maximum intersection grade from 1% to 2% at Road "A"

AGENDA ITEM #: 25 FILE #: 8-SE-22-C 8/4/2022 10:15 AM MIKE REYNOLDS PAGE #: 25-1

and S. Northshore Drive

- 2. Increase the maximum intersection grade from 1% to 2% at Road "B" and Road "A"
- 3. Reduce the minimum pavement width from 26' to 24'

STAFF RECOMMENDATION:

Approve the Concept Plan subject to 9 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) Revising the sidewalk width along the S. Northshore Drive to have a consistent width as the greenway to the southwest. The design details for the sidewalk (greenway) will be reviewed and approved by Knox County Engineering and Public Works during the design plan phase.
- 4) Providing the 25-foot common area strip along the S. Northshore Drive frontage where the adjacent lots do not meet the double frontage lot depth standard per Section 3.02.A.4. of the Subdivision Regulations.
- 5) Providing a note on the plat that the lots identified by Knox County Engineering and Public Works during the design plan phase must have a minimum finished floor elevation one foot above the 500-year floodplain.
- 6) Meeting all applicable requirements of the development plan approval (2-E-22-UR).
- 7) Unless otherwise required by Knox County Engineering and Public Works during design plan review, show the existing closed contour on the north side of lots 15 and 16, and the 50' buffer area on the final plat. 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. Any 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.
- 8) Meeting all applicable requirements of the Knox County Department of Engineering and Public Works, including but not limited to off-site stormwater improvements that may be required to mitigate existing downstream flooding.
- 9) Prior to certification of the final plat for the subdivision, establish a property owners association responsible for the maintenance of the common areas, amenities, and drainage system.

COMMENTS:

This proposal is for a 29-lot detached residential subdivision on 11.4 acres at a density of 2.43 du/ac. A concept plan and development plan were previously approved for 57 attached and detached lots in February 2022 (2-SC-22-C / 2-E-22-UR). This request is a revision to the Concept Plan only, because the previous development plan approval was for more residential lots and the requested setbacks remain the same. The other conditions of the Use on Review development plan also apply, including providing a 10-ft non-disturbance area or a Type 'B' landscape screen along the eastern boundary of the development from Lot 4 to Lot 11 (approximately Lot 3 to Lot 6 in the current plan).

The property was rezoned from A (Agricultural) to PR (Planned Residential) up to 5 du/ac in November 2020 (10-M-20-RZ). The internal roads will have a 24 ft pavement width. A greenway is proposed along the S. Northshore Drive frontage per the Knox County sidewalk ordinance (Chapter 54, Article IV). The design details for the greenway will be determined during the design plan.

The peripheral setback reduction from 35-ft to 25-ft was recommended by staff to simplify the required setbacks on the lots that are adjacent to the 25-ft common area strip along S. Northshore Dr, and because the common area provides a similar or better buffer to the road than the peripheral setback.

ESTIMATED TRAFFIC IMPACT: 333 (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: 12 (public school children, grades K-12)

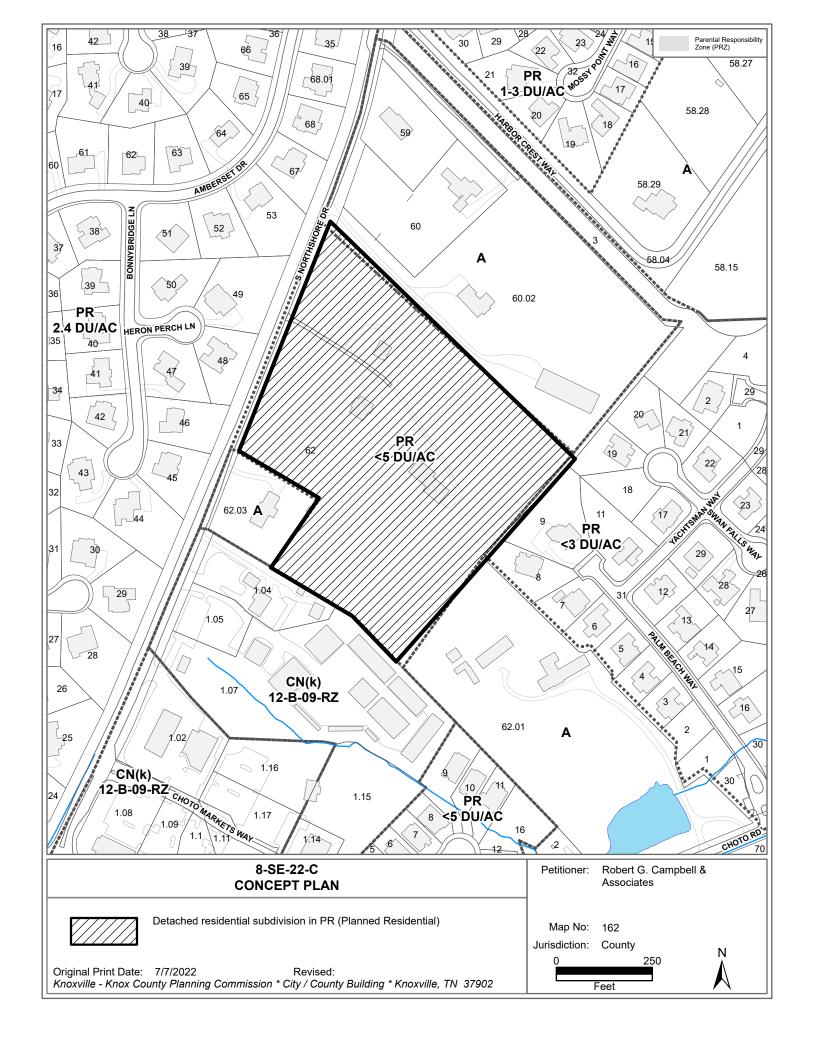
AGENDA ITEM #: 25 FILE #: 8-SE-22-C 8/4/2022 10:15 AM MIKE REYNOLDS PAGE #: 25-2

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 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 #: 8-SE-22-C 8/4/2022 10:15 AM MIKE REYNOLDS PAGE #: 25-3



Requested Variances & Alternative Design Standards

8-SE-22-C - LOY FARMS

VARIANCES

1. None

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOXVILLE-KNOX COUNTY PLANNING COMMISSION APPROVAL

1. None

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOX COUNTY ENGINEERING AND PUBLIC WORKS APPROVAL

- 1. Increase the maximum intersection grade from 1% to 2% at Road "A" and S. Northshore Drive.
- 2. Increase the maximum intersection grade from 1% to 2% at Road "B" and Road "A".
- 3. Reduce the minimum pavement width from 26' to 24'.

KNOX COUNTY ENGINEERING AND PUBLIC WORKS RECOMMENDATION:

Approved 8/3/20 Att WHA

8/1	12	α	7
X/	11	11/	J

LOY FARMS 12320 S. NORTHSHORE DRIVE KNOX COUNTY





ROBERT G. CAMPBELL & ASSOCIATES , L.P. CONSULTING ENGINEERS KNOXVILLE , TENNESSEE

TOTAL AREA: 11.4 +/- ACRE NUMBER OF LOTS: 29

PARCELS:

DEVELOPER: EAGLE BEND PROPERTIES

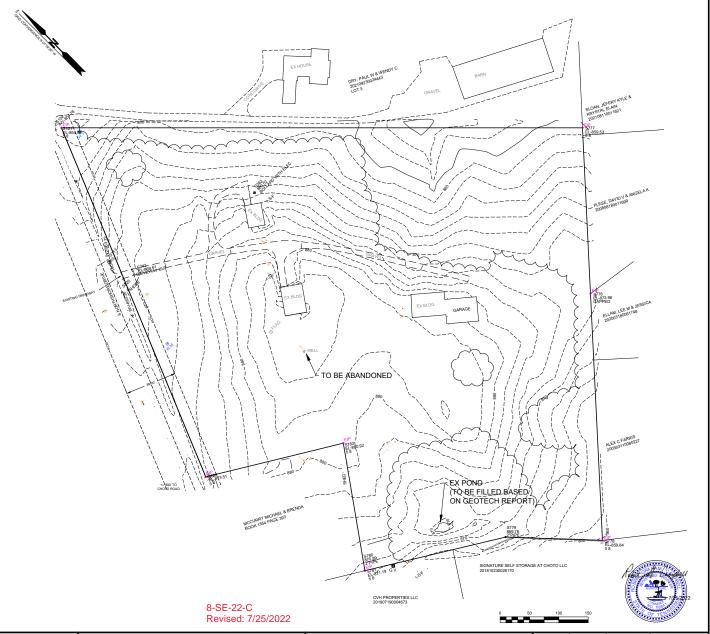
1920 EBENEZER RD KNOXVILLE, TN 37922 (865) 693-3356

ENGINEER

ROBERT G. CAMPBELL & ASSOCIATES, L.P. 7523 TAGGART LANE KNOXVILLE, TN 37938 (865) 947-5996

8-SE-22-C Revised: 7/25/2022





LEGEND

---- EXISTING MINOR CONT EXISTING IRON PIN --880-- EXISTING MAJOR CONT WATER VALVE WATER METER PROPOSED MINOR CONT GAS METER PROPOSED MAJOR CONT PROPOSED TRAIL — — PROPERTY SETBACK PROPOSED CATCH BASIN -ROAD CENTERLINE OUTFALL HEADWALL

- EXISTING CONTOURS BASED ON KGIS ONLY, PROPERTY BOUNDARY BASED ON SURVEY PERFORMED BY RGC&A.

 ACCESS TO UNITS 1-28 WIN THERNAL ROAD SYSTEMS ONLY.

 EXISTING BUILDINGS ON PARCELS ARE TO BE REMOVED.

 EXCAVATE PERMANENT STORM WATER DETENTION PORD IN ADVANCE OF CONSTRUCTION, AND USE AS SEDIMENT BASIN DURING INSTRUCTION, REMOVE ACQUIMILATED SEDIMENT AND INSTALL.

 PERMANENT OUTLET STRUCTURE WHEN THE UPSTREAM DRAINAGE APEA IS STABILITED.
- PERMANENT OUTLET STRUCTURE WHEN THE UPSTREAM UNDIVIDUAL AREA IS STRAILED.
 THE PROPERTY OWNERS) ARE RESPONSIBLE FOR MAINTAINING STORM WATER AGLITIES ON THIS PROPERTY. EASEMENTS TO BE PLATTED
 THE OWNER IS RESPONSIBLE FOR THE INSTALLATION AND
 MAINTENANCE OF CONSTRUCTION SITE POLICITION PREVENTION
 CONTROLS THROUGHOUT THE LIFE OF THE PROJECT.

WATER PROVIDERS: FIRST KNOX UTILITY DISTRICT SEWER PROVIDERS: FIRST KNOX UTILITY DISTRICT

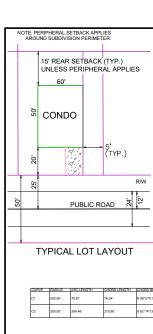




LOY FARMS 12320 S. NORTHSHORE DRIVE KNOX COUNTY

EXISTING CONDITIONS

SIGNED DI	CHECKED B I	SCALE	
RGC&A	RGC	1"=50"	
RAWN BY TRW	DATE 07-25-2022	FILE NO. 21350 8-SE-22-C	



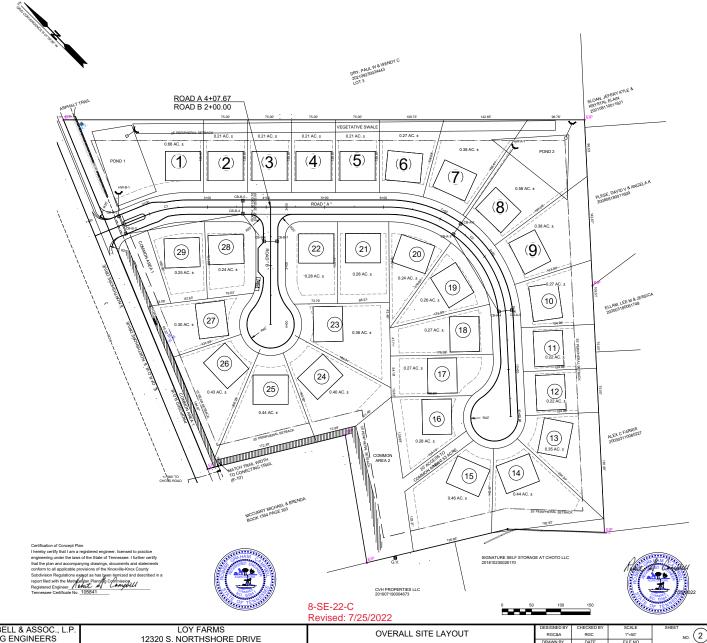
LEGEND

EXISTING IRON PIN WATER VALVE WATER METER GAS METER

LOT SETBACKS EXISTING EDGE OF PAVEMENT ROAD CENTERLINE

PEDESTRIAN TRAIL

- EXISTING CONTOURS BASED ON KGISM ONLY. PROPERTY BOUNDARY BASED ON SURVEY PERFORMED BY ROCA.
 ALL LOTS WILL BE ACCESSED VIA INTERNAL ROAD SYSTEMS ONLY.
 EXISTING BUILDINGS ON PARCELS ARE TO BE REMOVED.
 EXCAVATE PERMANENT STORM WATER DETENTION POND IN ADVANCE OF CONSTRUCTION. AND USE AS SEDIMENT BASIS DURING INSTRUCTION, EMDVE ACCUMULATED SEDIMENT AND INSTALL.
- INSTRUCTION, REMOVE ACCUMULATED SEDIMENT AND INSTALL PERMANENT OUTLET STRUCTURE WHEN THE UPSTREAM DRAINAGE AREA IS STABILIZED. THE PROPERTY OWNER(S) ARE RESPONSIBLE FOR MAINTAINING STORM WATER FACILITIES ON THIS PROPERTY. EASEMENTS TO BE PLATTED
- WAITER FACILITIES ON THIS PROPERTY. EASEMENTS TO BE PLATTED ALONG PRIVATE ROADS FOR ACCESS.
 THE OWNER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF CONSTRUCTION SITE POLUTION PREVENTION CONTROLS THROUGHOUT THE LIFE OF THE PROJECT.
 ASPHALT TRAIL TO MATCH EXISTING WALKWAY TRAIL LOCATED SOUTH
- OF SITE NEAR OTHER DEVELOPMENTS.



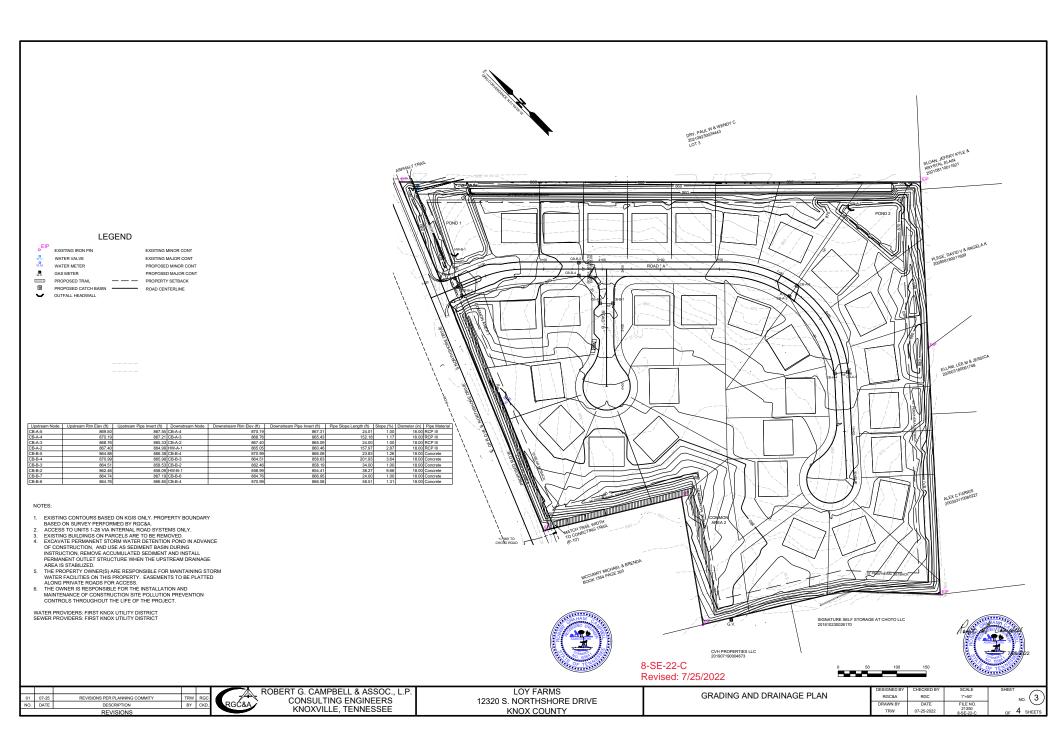
REVISIONS PER PLANNING COMMITY

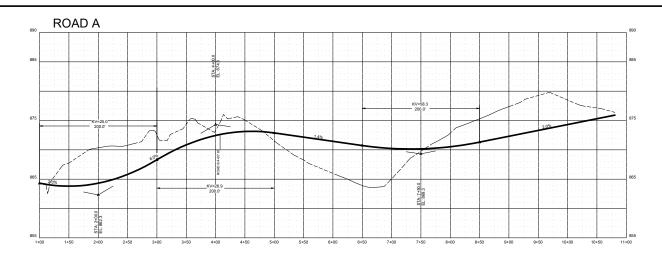
ROBERT G. CAMPBELL & ASSOC., L.P. CONSULTING ENGINEERS KNOXVILLE, TENNESSEE

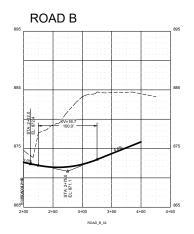
LOY FARMS 12320 S. NORTHSHORE DRIVE KNOX COUNTY

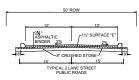
OVERALL SITE LAYOUT

RGC&A PGC FILE NO. 21350 DRAWN BY DATE



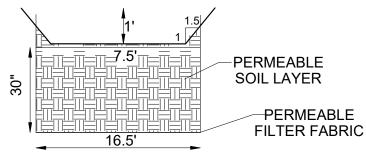






TYPICAL PAVING DETAIL

TYPICAL ROAD CROSS-SECTION NTS



8-SE-22-C

Revised: 7/25/2022

10.0	///
	Action to give
VEGETATIVE SWALE DETAIL	OF TEN
NTS	
1110	

01	07-25	REVISIONS PER PLANNING COMMITY	TRW	RGC	1
NO.	DATE	DESCRIPTION	BY	CKD.	١,
		REVISIONS			





ROAD PROFILES & DETAILS

TRW	RGC	HOR:1"=50" VER: 1"= 5"
DRAWN BY TRW	DATE 07-25-2022	FILE NO. 21350 8-SE-22-C

THREE NO. 4



Development Request

	DEVELOPMENT	SUBDIVISION	ZONING
Plannir	☐ Development Plan	Concept Plan	☐ Plan Amendment
Plannin	☐ Planned Development	☐ Final Plat	☐ Sector Plan
KNOXVILLE I KNOX COUN	☐ Use on Review / Special Use		☐ One Year Plan
	☐ Hillside Protection COA		Rezoning
Robert G. Campbell & Asso	ociates		6/27/2022
Applicant Name			Date Filed
8/11/2022	0	8-SE-22-C	
Planning Commission Meeting (if applicable)	Legislative Meeting (if applicable)	File Number(s)	
CORRESPONDENCE	All correspondence related to this application s	should be directed to the app	roved contact listed below.
Tommy Warren Robert G.	Campbell & Associates		
Name / Company			
7523 Taggart Ln Knoxville	ΓN 37938		
Address			
865-947-5996 / tommy.wa	rren@rgc-a.com		
Phone / Email			
CURRENT PROPERTY	INFO		
William S. Wilson III Wilko	LLC 12320 S Northshore Dr Knoxville	e TN 37922 865	5-693-3356
Owner Name (if different)	Owner Address	Ow	ner Phone / Email
12320 S NORTHSHORE DR			
Property Address			
162 062		11.	65 acres
Parcel ID	Part of	Parcel (Y/N)? Tra	ct Size
FIRST UTILITY SEWER	FIRST UTILITY WA	TER	
Sewer Provider	Water Provider		Septic (Y/N)
STAFF USE ONLY			
South side of S. Northshore	e Drive, east of Choto Road		
General Location			
City Commission Distr	ict 5 PR (Planned Residential)	Agriculture	:/Forestry/Vacant Land
✓ County District	Zoning District	Existing La	ind Use
Southwest County	LDR (Low Density Residential)	Planned G	rowth Area
Planning Sector	Sector Plan Land Use Classification	Growth Po	licy Plan Designation

8-SE-22-C Printed 6/29/2022 1:48:02 PM

DEVELOPMENT REQUEST			
☐ Development Plan ☐ Planned Development ☐ Use on Revie ☐ Hillside Protection COA ☐ Residential	ew / Special Use	Related City	Permit Number(s)
Home Occupation (specify)			
Other (specify)			
SUBDIVSION REQUEST			
Loy Farms		Related Rezo	oning File Number
Proposed Subdivision Name			
	28		
Unit / Phase Number Tot	al Number of Lots Created	1	
Additional Information			
Attachments / Additional Requirements			
ZONING REQUEST			
☐ Zoning Change		Pending P	lat File Number
Proposed Zoning		-	
Proposed Density (units/acre) Previous Zoning Requests			
Plan Amendment Change Proposed Plan Designation(s)			
Additional Information			
STAFF USE ONLY			
PLAT TYPE	Fee 1		Total
☐ Staff Review ☐ Planning Commission	\$1,340.00		
ATTACHMENTS			_
☐ Property Owners / Option Holders ☐ Variance Request	Fee 2		
ADDITIONAL REQUIREMENTS COA Checklist (Hillside Protection)			
Design Plan Certification (Final Plat)	Fee 3	Fee 3	
☐ Site Plan (Development Request)			
☐ Traffic Impact Study			
Use on Review / Special Use (Concept Plan)			
AUTHORIZATION By signing below, I certify that I am the	property owner, applicant, or ow	vner's authorized	d representative.
Tommy Warren Robert G. Campbell & Associates, 7523 Taggart Ln Ki			6/27/2022
Application Authorized By	Affiliation		Date
865-947-5996 / tommy.warren@rgc-a.com			
Phone / Email			
Cameron Taylor			D-:-I
Staff Signature Please Print		Date	raid

8-SE-22-C Printed 6/29/2022 1:48:02 PM



Planning KNOXVILLE I KNOX COUNTY	Development Development Plan Planned Development Use on Review / Special Use Hillside Protection COA	SUBDIVISION Concept Plan Final Plat	ZONING Plan Amendment SP OYP Rezoning
Robert G. Campbell & Associa	tes	Eng	ineer/Surveyor
Applicant Name		Affilia	ation
June 27, 2022	August 11, 2022		File Number(s)
Date Filed	Meeting Date (if applicable)		
CORRESPONDENCE All co	orrespondence related to this application s	should be directed to the a	approved contact listed below.
■ Applicant □ Property Owner			hitect/Landscape Architect
Tommy Warren	Robe	rt G. Campbell & Asso	ociates
Name	Compa	iny	
7523 Taggart Lane	Knoxy	ville TN	37938
Address	City	State	ZIP
865-947-5996	tommy.warren@rgc-a.com		
Phone	Email		
CURRENT PROPERTY INFO			
Wilko LLC	12320 S. Northshore	Dr., Knoxville, TN 37	9: (865) 693-3356
Property Owner Name (if different)	Property Owner Address		Property Owner Phone
12320 S. Northshore Drive		162 062	
Property Address		Parcel ID	
First Utility district of Knox Cou	nty First Utility di	strict of Knox County	N
Sewer Provider	Water Provider		Septic (Y/N)
STAFF USE ONLY			
1140' northeast from intersect	ion of S Northshore Dr. & Choto Ro	d 11.40	O acrea

		ction of S Northshore Dr. & Choto Rd	11.40 acrea
General Location			Tract Size
City 🔳 County	5 th	PR Res	sidential
☐ City ☐ County District	District	Zoning District Exist	ring Land Use
Southwest Coun	ty	LDR	Planned Growth
Planning Sector		Sector Plan Land Use Classification	Growth Policy Plan Designation

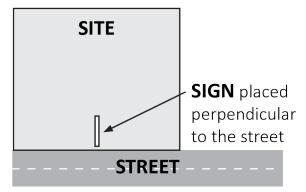
DEVELOPMENT REQUEST				
☐ Development Plan ☐ Use on Poview	/ Special Use	Protection COA	Relat	ed City Permit Number(s)
☐ Residential ☐ Non-Residentia		TOTAL COA		10 - 124-20102
Home Occupation (specify)				
Other (specify)				
SUBDIVISION REQUEST				
Loy Farms			Relate	ed Rezoning File Number
roposed Subdivision Name				
Combine Parce	els 🗹 Divide Parcel	28		
Init / Phase Number		otal Number of Lots	Created	
Other (specify) Detached reside	ential subdivision			
Attachments / Additional Requirements				
ZONING REQUEST				
7 Zaning Chausa			Pen	ding Plat File Number
Zoning Change Proposed Zoning				
Plan Amendment Change				
	n Designation(s)			
roposed Density (units/acre)	Previous Rezoning Reque	acto		
Other (specify)		-3.3		
(5,555)				
STAFF USE ONLY				
LAT TYPE		Fee 1		Taka
Staff Review Planning Commission				Total
TTACHMENTS		108	Concept Pla	n
Property Owners / Option Holders	ariance Request	Fee 2		
DDITIONAL REQUIREMENTS			1	\$1,340
Design Plan Certification (Final Plat)				7 - ,0 - 0
Use on Review / Special Use (Concept Plan	7)	Fee 3		
Traffic Impact Study				
COA Checklist (Hillside Protection)				
AUTHORIZATION				
Digitally signed by Tommy Date: 2022.06.27 09:17:53	R Warren Robert G. Carr	npbell & Associa	tes 06	5-27-2022
pplicant Signature	Please Print		Da	
865) 947-5996	tommy.warre	n@rgc-a.com	1 10	5505
one Number	Email	- 0		
100111				
anorty Owner Si		5. Wilson	Ht 6	-27-22
operty Owner Signature	Please Print		Dat	te



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:

	and
(applicant or staff to post sign)	(applicant to remove sign)
Applicant Name:	
Date:	Sign posted by Staff
File Number:	Sign posted by Applicant