

SUBDIVISION REPORT - CONCEPT/USE ON REVIEW

► FILE #: 4-SA-19-C

AGENDA ITEM #: 11

4-E-19-UR

AGENDA DATE: 4/11/2019

► SUBDIVISION: BROADY GLEN

► APPLICANT/DEVELOPER: URBAN ENGINEERING, INC.

OWNER(S): HMH Development, Inc.

TAX IDENTIFICATION: 129 123, 124

[View map on KGIS](#)

JURISDICTION: County Commission District 6

STREET ADDRESS: 1921 Marietta Church Rd

► LOCATION: West side of Marietta Church Road at Ricketts Lane

SECTOR PLAN: Northwest County

GROWTH POLICY PLAN: Rural Area

WATERSHED: Conner Creek

► APPROXIMATE ACREAGE: 24.941 acres

► ZONING: PR (Planned Residential)

► EXISTING LAND USE: Residence and vacant land

► PROPOSED USE: Detached Residential Subdivision

SURROUNDING LAND
USE AND ZONING:
North: Vacant land - A (Agricultural)
South: Residences - A (Agricultural)
East: Residences - A (Agricultural)
West: Vacant land - A (Agricultural)

► NUMBER OF LOTS: 52

SURVEYOR/ENGINEER: Urban Engineering

ACCESSIBILITY: Access is via Marietta Church Rd., a minor collector street with a 19' pavement width within a 40' right-of-way.

► SUBDIVISION VARIANCES
REQUIRED:

- 1. Horizontal curve variance at STA 9+71.84, from 250' to 120'.
- 2. Horizontal curve variance at STA 12+76.31, from 250' to 120'.
- 3. Broken back curve tangent variance between STA 11+93.21 and STA 12+76.31, from 150' to 83.1'.
- 4. Reduction of the vertical curve K-value between STA 0+12.43 and STA 1+19.33, from 25 to 20.
- 5. Reduction of the vertical curve K-value between STA 1+34.23 and STA 2+71.70, from 25 to 20.

Waiver approved by Knox County Department of Engineering and
Public Works:

1. Intersection grade waiver from 1% to up to 2.9% as identified on the concept plan

STAFF RECOMMENDATION:

- **APPROVE variances 1-5 because the site's topography restricts compliance with the Subdivision Regulations and the proposed variances will not create a traffic hazard.**

APPROVE the Concept Plan subject to 7 conditions

1. Connection to sanitary sewer and meeting any other relevant requirements of the Knox County Health Department.
2. Provision of a street name which is consistent with the Uniform Street Naming and Addressing System within Knox County (Ord 91-1-102).
3. Meeting all applicable requirements of the Knox County Department of Engineering and Public Works.
4. Meeting all applicable requirements and obtaining all required permits from the Tennessee Department of Environment and Conservation for crossing the blueline stream on the property.
5. On the final plat, including the line of sight easement across Lots 40 and 41 as identified on the concept plan (200' minimum distance) and as required by the Knox County Department of Engineering and Public Works.
6. Prior to certification of the final plat for the subdivision, establishing a property owners association that will be responsible for the maintenance of the common areas, drainage system and any recreational amenities.
7. Submitting to Planning staff prior to final plat review by the Planning Commission, the certification of design plan approval form as required by the Knoxville-Knox County Subdivision Regulations.

► **APPROVE the Development Plan for up to 52 detached dwelling units on individual lots, subject to 2 conditions.**

1. On the final plat, verifying that the development does not exceed the maximum density of 2.08 du/ac approved with the PR (Planned Residential) zoning. Based on identified acreage, the proposed development has a density of 2.0849 du/ac which exceeds the approved density. The subdivision may have to be reduced by one lot.
2. Meeting all 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 other criteria for approval of a Use on Review.

COMMENTS:

The applicant is proposing to develop this 24.941 acre site with 52 detached residential lots. The subdivision will have a single access out to Marietta Church Road, a minor collector street. The Planning Commission recommended approval of the rezoning of this property to PR (Planned Residential) at a density of up to 2.08 du/ac on December 13, 2018 (12-D-18-RZ / 12-C-18-SP). The Knox County Commission approved the rezoning request on January 28, 2019.

The proposed development with 52 lots on 24.941 acres is calculated at a density of 2.0849 du/ac which exceeds the maximum density of 2.08 du/ac. The acreage on concept plan applications are typically preliminary and subject to more detailed surveying that is done for the Final Plat. The recommended approval is for up to 52 lots, however, this is subject to the actual surveyed acreage being enough so the density does not exceed 2.08 du/ac. The number of lots may need to be reduced if the site does not have sufficient acreage.

The steeper portions of the site that are located within the Hillside Protection area on the north side of the property are included in a open space/common area (6.88 acres). That area however will be graded due to the location of the proposed stormwater detention and open space/field area.

EFFECT OF THE PROPOSAL ON THE SUBJECT PROPERTY, SURROUNDING PROPERTY AND THE COMMUNITY AS A WHOLE

1. The proposed detached residential subdivision will have minimal impact on local services since utilities are available to serve this site.
2. The proposed residential development at a density of 2.08 du/ac is compatible with the scale and intensity of recent development that has occurred in this area.

CONFORMITY OF THE PROPOSAL TO CRITERIA ESTABLISHED BY THE KNOX COUNTY ZONING ORDINANCE

1. With the recommended conditions, the proposed residential development is consistent with all relevant requirements of the PR zoning, as well as other criteria for approval of a use on review.
2. The development is consistent with the following general standards for uses permitted on review: The proposal is consistent with the adopted plans and policies of the General Plan and Sector Plan. The use is in harmony with the general purpose and intent of the Zoning Ordinance. The use will not significantly injure the value of adjacent property. The use will not draw additional traffic through residential areas since the development has access to a minor collector street.

CONFORMITY OF THE PROPOSAL TO ADOPTED MPC PLANS

1. The Northwest County Sector Plan proposes rural residential development for this site which allows consideration of a density of up to 3 du/ac. The proposed development at a maximum approved density density of 2.08 du/ac is consistent with the sector plan.
2. This site is located within the Rural Area on the Knoxville-Knox County-Farragut Growth Policy Plan map.

ESTIMATED TRAFFIC IMPACT: 570 (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.

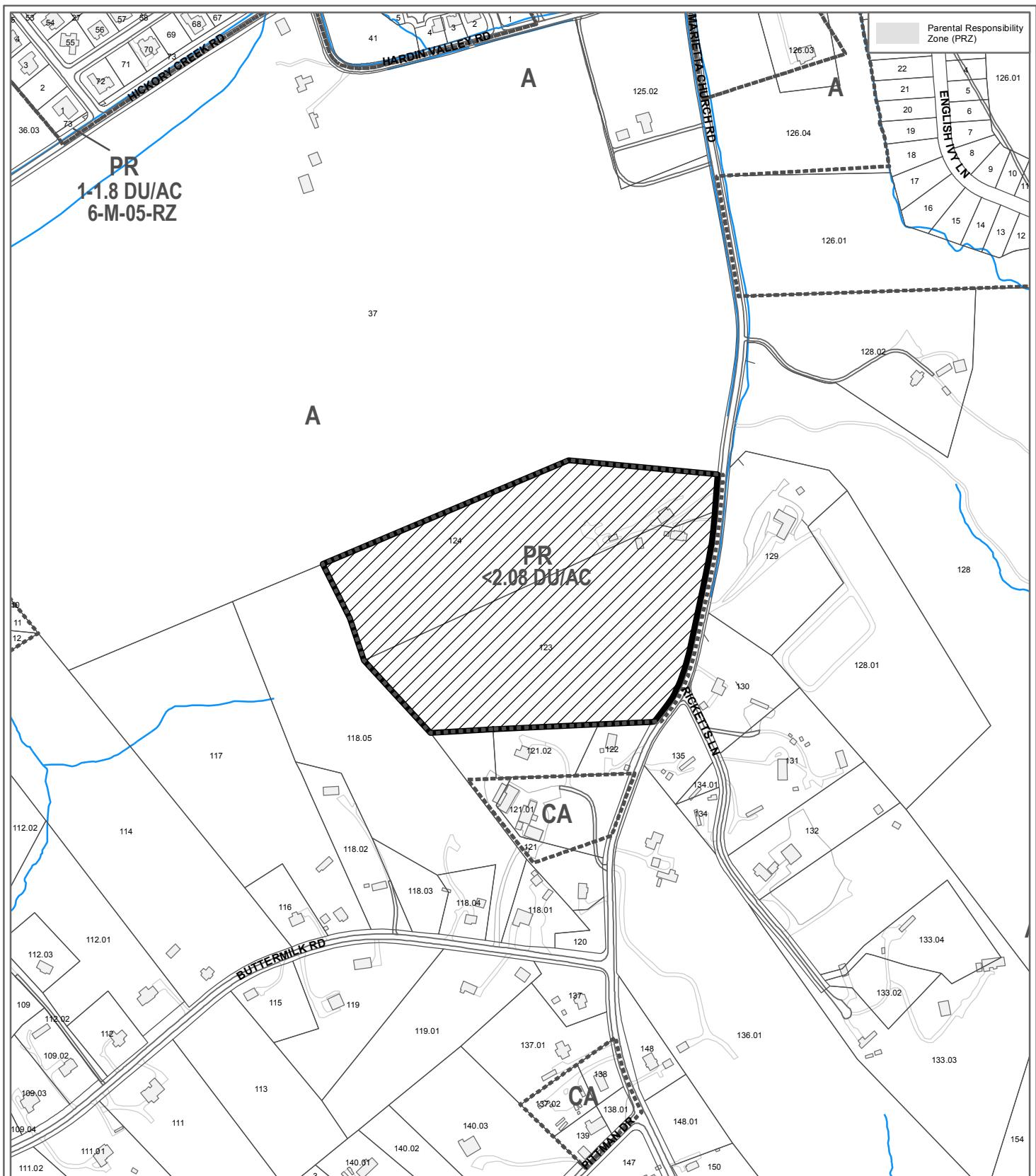
ESTIMATED STUDENT YIELD: 21 (public school children, grades K-12)

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

- 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.

Knoxville-Knox County Planning Commission's approval or denial of this use on review request is final, unless the action is appealed to the Knox County Board of Zoning Appeals. The date of the Knox County Board of Zoning Appeals hearing will depend on when the appeal application is filed.



**4-SA-19-C / 4-E-19-UR
CONCEPT PLAN/USE ON REVIEW**

Petitioner: Urban Engineering, Inc.
Broady Glen



Detached Residential Subdivision in PR (Planned Residential)

Map No: 129

Jurisdiction: County

0 500
Feet

Original Print Date: 3/18/2019

Revised:

Metropolitan Planning Commission * City / County Building * Knoxville, TN 37902



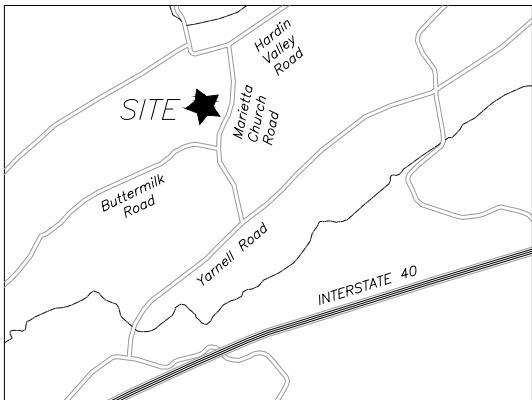
USE ON REVIEW

U.E.I. PROJECT NO. 1810024

BROADY GLEN SUBDIVISION

SITE ADDRESS: 1921 MARIETTA CHURCH ROAD, KNOXVILLE, TENNESSEE 37932

CLT MAP 129, PARCELS 123 & 124



LOCATION MAP

OWNER:
HMH DEVELOPMENT, INC.
12125 HARDIN VALLEY ROAD
KNOXVILLE, TN 37932
(865) 414-5347

SITE ENGINEER:
URBAN ENGINEERING, INC.
CHRIS SHARP
11852 KINGSTON PIKE
FARRAGUT, TENNESSEE 37934
(865) 966-1924

SPECIFICATIONS
EXCEPT WHERE DIRECTED OTHERWISE 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 LENOIR CITY UTILITIES BOARD
GAS	- AS DIRECTED BY KNOXVILLE UTILITIES BOARD
WATER & SEWER	- AS DIRECTED BY WEST KNOX UTILITY DISTRICT
TELEPHONE	- AS DIRECTED BY AT&T
CABLE	- AS DIRECTED BY COMCAST
SITE DEVELOPMENT	- KNOX COUNTY STANDARDS AND SPECIFICATIONS

SHEET INDEX

TITLE

- TITLE SHEET
SITE PLAN
GRADING PLAN
ROADWAY PROFILE

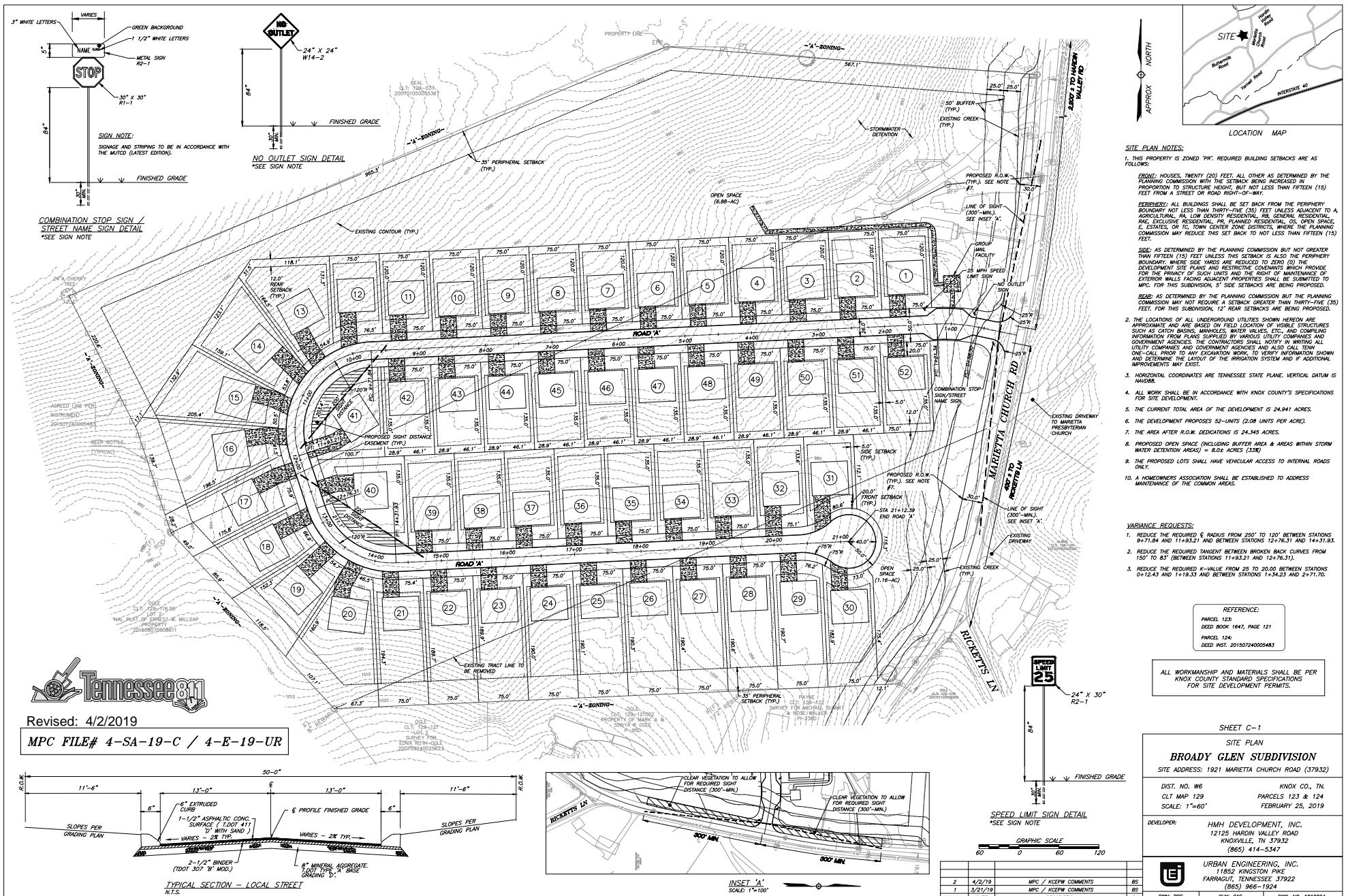
SHEET

- C-0
C-1
C-2
C-3

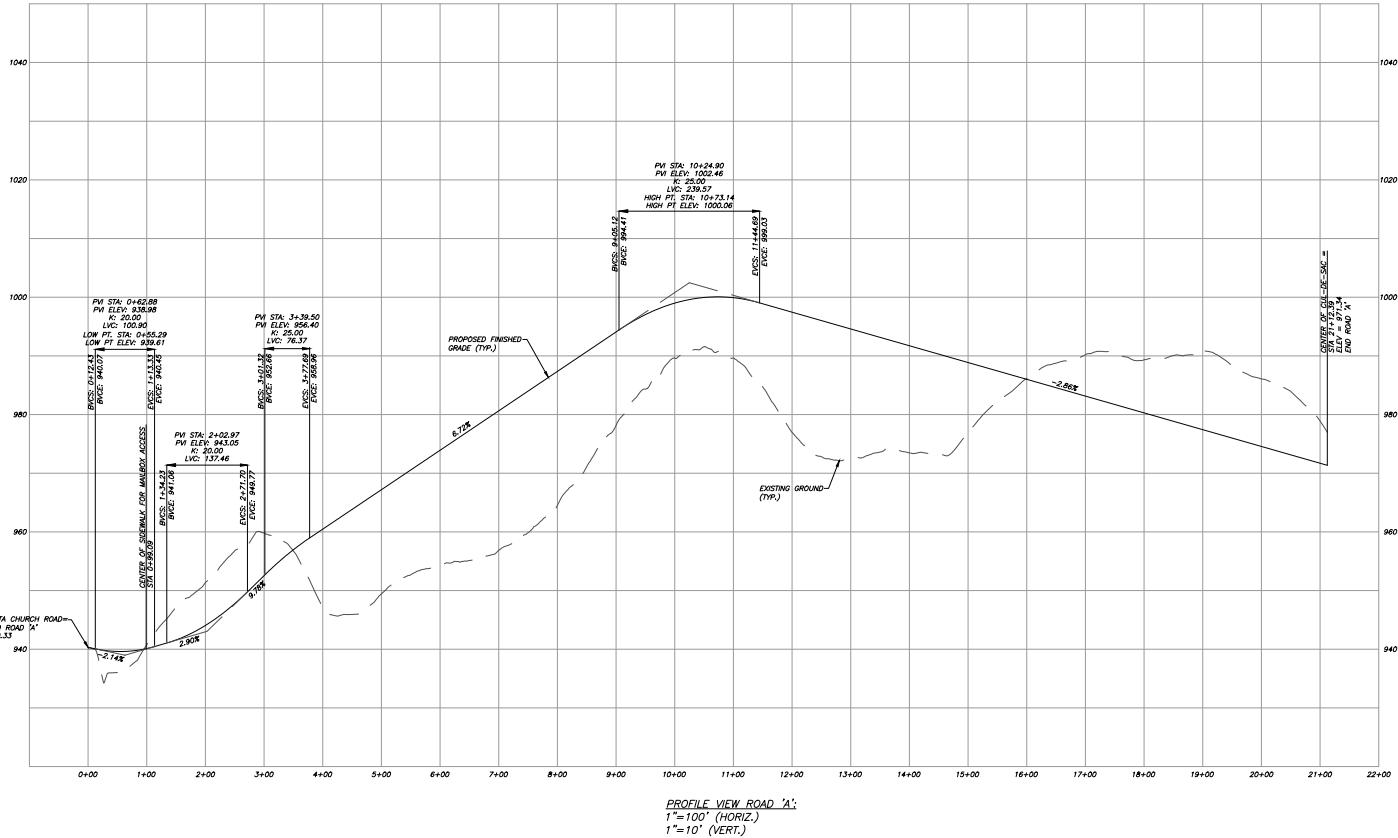
Revised: 4/2/2019

MPC FILE# 4-SA-19-C / 4-E-19-UR

3	4/2/19	RESUBMITTAL
2	3/21/19	RESUBMITTAL
ISSUE NO. DATE DESCRIPTION		







PROFILE VIEW ROAD 'A':
1"=100' (HORIZ.)
1"=10' (VERT.)

Revised: 4/2/2019

MPC FILE# 4-SA-19-C / 4-E-19-UR

ROAD 'A' PROFILE BROADY GLEN SUBDIVISION SITE ADDRESS: 1921 MARIETTA CHURCH ROAD (37932)					
DIST. NO. W6		KNOX CO., TN CLT MAP 129 PARCELS 123 & 124 FEBRUARY 25, 2019			
DEVELOPER:		HMH DEVELOPMENT, INC. 12125 HARDIN VALLEY ROAD KNOXVILLE, TN 37932 (865) 414-5347			
2	4/2/19	MPC / KCEPM COMMENTS	RS		
1	3/21/19	MPC / KCEPM COMMENTS	GAS		
REVISION	DATE	DESCRIPTION	BY	DWG. BDS	CHC CAS
					DWG. NO. 1810024

Suite 403 • City County Building
 400 Main Street
 Knoxville, Tennessee 37902
 865 • 215 • 2500
www.knoxmpc.org

SUBDIVISION - CONCEPT

Name of Applicant: Urban Engineering, Inc.

Date Filed: 2/25/2019 Meeting Date: 4/11/2019

Application Accepted by: M. Payne

Fee Amount: 20603.00 File Number: Subdivision - Concept 451-19-2 RECEIVED

Fee Amount: 14 Related File Number: Development Plan 4-2-19-UR USE ON REVIEW FEB 25 2019

Knoxville-Knox County Planning

PROPERTY INFORMATION

Subdivision Name: Broady Glen
1921, 1925 Marietta Church Road
 Unit/Phase Number: 1
 General Location: w/s Marietta Church Rd
@ Ricketts Lane
 Tract Size: 24.7 ac +/- No. of Lots: 52
 Zoning District: PR L2.08 du/ac
 Existing Land Use: Vacant
 Planning Sector: Northwest County
 Growth Policy Plan Designation: Rural
 Census Tract: 59.05
 Traffic Zone: 222
 Parcel ID Number(s): 129 123
129 124
 Jurisdiction: City Council X District
 County Commission 6th District

AVAILABILITY OF UTILITIES

List utility districts proposed to serve this subdivision:
 Sewer _____
 Water KUB
 Electricity KUB
 Gas _____
 Telephone A+T

TRAFFIC IMPACT STUDY REQUIRED

No Yes

USE ON REVIEW No Yes

Approval Requested:
 Development Plans in Planned District or Zone
 Other (be specific): _____

VARIANCE(S) REQUESTED

No Yes (If Yes, see reverse side of this form)

PROPERTY OWNER/OPTION HOLDER

PLEASE PRINT
 Name: Hunter Harrison
 Company: HMH Development, Inc.
 Address: 2926 Swafford Rd
 City: Knoxville State: TN Zip: 37932
 Telephone: 414-5347
 Fax: _____
 E-mail: _____

PROJECT SURVEYOR/ENGINEER

PLEASE PRINT
 Name: (Same as below)
 Company: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Telephone: _____
 Fax: _____
 E-mail: _____

APPLICATION CORRESPONDENCE

All correspondence relating to this application (including plat corrections) should be directed to:

PLEASE PRINT
 Name: Christopher Sharp
 Company: Urban Engineering
 Address: 11852 Kingston PK
 City: Knoxville State: TN Zip: 37934
 Telephone: 966-1924
 Fax: _____
 E-mail: CHRIS@urban-eng.com

KNOXVILLE-KNOX COUNTY
M P C
METROPOLITAN
PLANNING
COMMISSION
TENNESSEE

Suite 403 • City County Building
400 Main Street
Knoxville, Tennessee 37902
865 • 215 • 2500
FAX: 215 • 2068
www.knoxmpc.org

Use on Review Development Plan

Name of Applicant: URBAN ENGINEERING, INC.

Date Filed: 07/23/19 Meeting Date: 4/15/19

Application Accepted by:

Fee Amount: _____ File Number: Development Plan _____

Fee Amount: \$2060 File Number: Use on Review _____

PROPERTY INFORMATION

Address: 1921 + 1925 MARIETTA CHURCH RD.

General Location: HARRIN VALLEY
MARIETTA CHURCH

Tract Size: 24.7 AC No. of Units: 52

Zoning District: PR

Existing Land Use: RESIDENCES

Planning Sector: NORTHWEST County

Sector Plan Proposed Land Use Classification:

1921 = RR

Growth Policy Plan Designation: RA (rural)

Census Tract: 59.05

Traffic Zone: 222

Parcel ID Number(s): 192129124, 123

Jurisdiction: City Council _____ District

County Commission 6 District

APPROVAL REQUESTED

Development Plan: Residential Non-Residential

Home Occupation (Specify Occupation)

Other (Be Specific)

USE ON REVIEW /
CONCEPT

PROPERTY OWNER/OPTION HOLDER

PLEASE PRINT

Name: HUNTER HARRISON

Company: HUNTER DEVELOPMENT, INC

Address: 2926 SWAFFORD RD.

City: KNOXVILLE State: TN Zip: 37932

Telephone: 414-5347

Fax: _____

E-mail: HUNTERH@COMCAST.NET

APPLICATION CORRESPONDENCE

All correspondence relating to this application should be sent to:

PLEASE PRINT

Name: CHRIS SHARP

Company: URBAN ENGINEERING

Address: 11852 KINGSTON PK.

City: KNOXVILLE State: TN Zip: 37934

Telephone: 966-1924

Fax: 315-7011

E-mail: CHRIS@URBAN-ENG.COM

APPLICATION AUTHORIZATION

I hereby certify that I am the authorized applicant, representing ALL property owners involved in this request or holders of option on same, whose signatures are included on the back of this form.

Signature: Hunter H. Harrison

PLEASE PRINT

Name: CHRIS SHARP

Company: URBAN ENGINEERING

Address: 11852 KINGSTON PK.

City: KNOXVILLE State: TN Zip: 37934

Telephone: 966-1924

E-mail: CHRIS@URBAN-ENG.COM

SIGNATURES OF ALL PROPERTY OWNERS INVOLVED OR HOLDERS OF OPTION ON SAME MUST BE LISTED BELOW:

Please Sign in Black Ink:

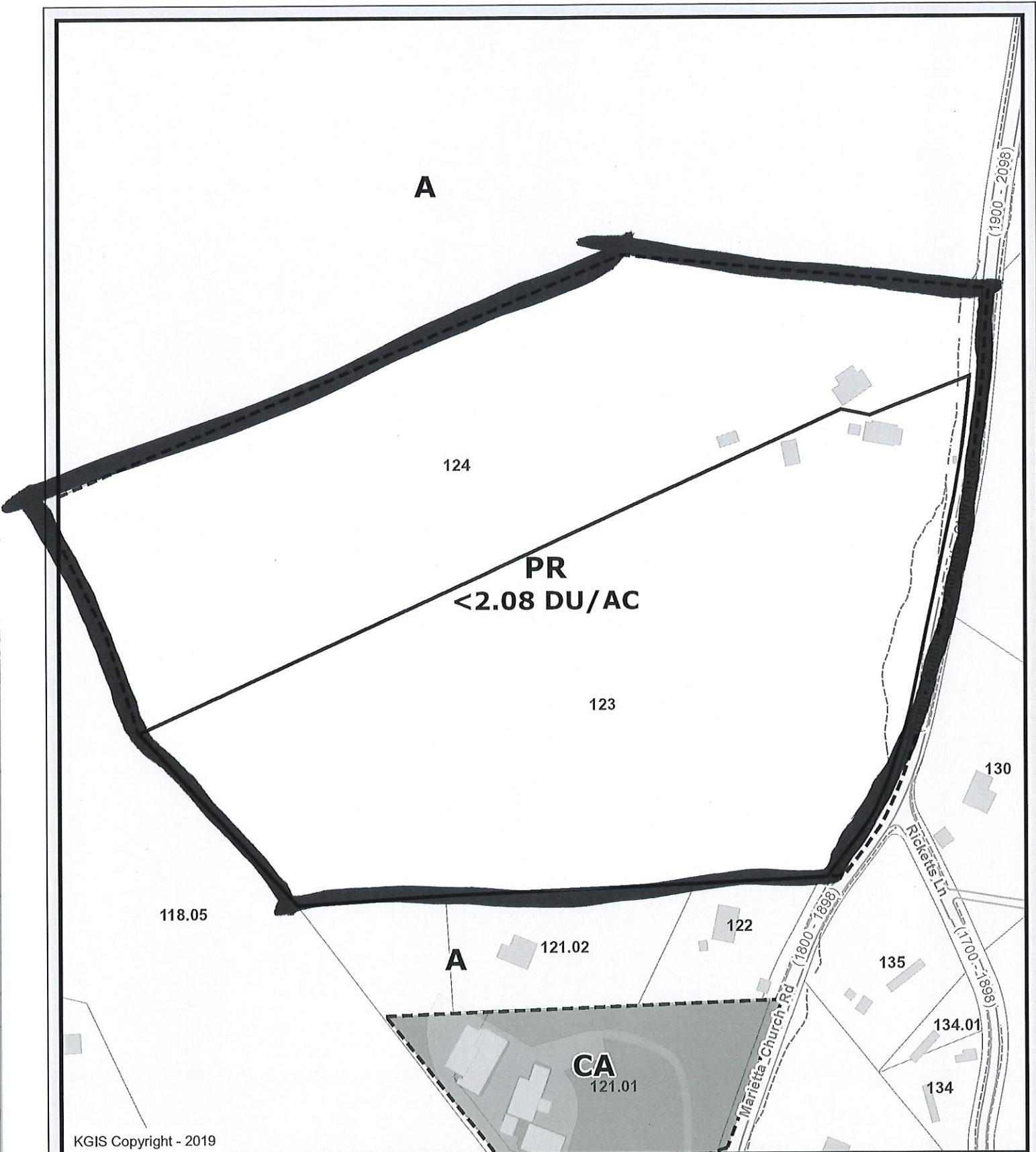
(If more space is required attach additional sheet.)

Name _____

Address • City • State • Zip (Owner) Option



2926 Swafford Rd Knoxville TN 37932 ✓



Letter Portrait



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ft

Knoxville - Knox County - KUB Geographic Information System

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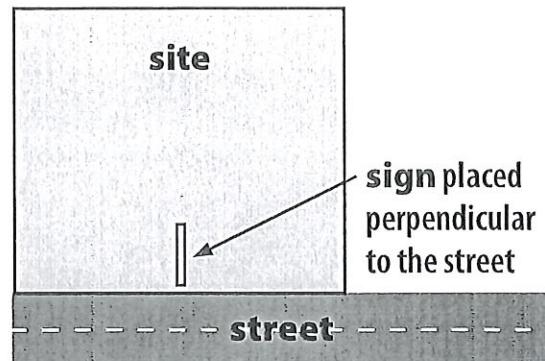
REQUIRED SIGN POSTING AGREEMENT

For all rezoning, plan amendment, concept plan, use on review, right-of-way closure, and street name change applications, a sign must be posted on the subject property, consistent with the adopted MPC Administrative Rules and Procedures.

At the time of application, MPC staff will provide a sign(s) to post on the property as part of the application process. If the sign(s) go missing for any reason and need to be replaced, then the applicant will be responsible for picking up a new sign(s) from the MPC offices. The applicant will be charged a fee of \$10 for each replacement sign.

LOCATION AND VISIBILITY

The sign must be posted in a location that is clearly visible from vehicles traveling in either direction on the nearest adjacent/frontage street. If the property has more than one street frontage, then the sign should be placed along the street that carries more traffic. MPC staff may recommend a preferred location for the sign to be posted at the time of application.



TIMING

The sign(s) must be posted 15 days before the scheduled MPC 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 15 days before the next MPC meeting.

I hereby agree to post and remove the sign(s) provided on the subject property consistent with the above guidelines and between the dates of:

Signature: Ashley Russell

Printed Name: Urban Engineering

Phone: 9606-1924 Email:

Date: 2-25-19

MPC File Number: 4-SA-19-C / 4-E-19-UR