



Loy Farms (2-SC-22-C / 2-E-22-UR)

Aaron Fritts <Aaron.Fritts@knoxcounty.org>
To: Mike Reynolds <mike.reynolds@knoxplanning.org>
Cc: Steve Elliott <Steve.Elliott@knoxcounty.org>

Mon, Feb 7, 2022 at 7:38 AM

Reponses below in blue. Thanks Mike.

Aaron Fritts, PE

Land Development Manager

Knox County Engineering and Public Works
Office: 865-215-5830

205 W. Baxter Avenue

Knoxville, TN 37917



From: Mike Reynolds <mike.reynolds@knoxplanning.org>
Sent: Thursday, February 3, 2022 2:02 PM
To: Aaron Fritts <Aaron.Fritts@knoxcounty.org>
Subject: [External]Loy Farms (2-SC-22-C / 2-E-22-UR)

Aaron,

The requested alternative design standards are listed below. Please let me know if these are acceptable. The internal street are private.

VARIANCES

- 1) Reduce the minimum vertical curve K value from K=25 to K=18.8 on Road 'A' at STA 11+15 Knox County will approve down to K=20
- 2) Reduce the minimum vertical curve K value from K=15 to K=6.3 on Road 'B' at STA 25+50 Maintain K=15
- 3) Reduce the minimum vertical curve K value from K=25 to K=14.3 on Road 'B' at STA 26+80 Knox County will approve down to K=20

ALTERNATIVE DESIGN STANDARDS REQUIRING PLANNING COMMISSION APPROVAL

- 1) Reduce the minimum private right-of-way width from 50 ft to 40 ft for Road 'A' and Road 'B' Approve
- 2) Reduce the minimum pavement width for a private right-of-way from 26 ft to 24 ft for Road 'A' and Road 'B' Approve
- 3) Increasing the maximum grade of a private right-of-way from 12 to 15 percent on Road 'D' Approve
- 4) Reduce the minimum horizontal curve radius from 250 ft to 200 ft for Road 'A' from STA 15+44.19 to 18+43.22 Approve

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOX COUNTY ENGINEERING AND PUBLIC WORKS APPROVAL

1) Increase the maximum intersection grade from 1 to 2 percent on Road 'B' at the Road 'A' intersection approach.

Approve

Thanks!

Mike

Mike Reynolds, AICP

Principal Planner

865.215.3827

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