

Asher Engineering, Inc.

Environmental & Engineering Consulting

March 25, 2021

Mr. Rich Heareth
Perfection Builders
rich@perfectionbuilders.com

RE: Slope Stability
Proposed Aiken North Subdivision
Louisville, Ky

Dear Mr. Heareth,

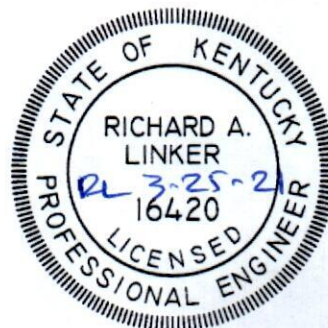
On March 24, 2021 Asher Engineering visited the referenced site to inspect the property grounds for slope stability issues, and comment on construction of proposed house lots situated in areas with steep slopes.

While no slope failures were noted during our site visit, there are several areas designated as house lots and paved roads that have steep slopes. These lots and road areas (see attached sketch) must be inspected by the Geotechnical Engineer during the earthwork portion of the site and site development, and inspected during construction of the new house foundation.

The subsurface conditions at the site consist of clayey soil underlain by limestone bedrock. Placement of any fill in sloped areas must be inspected by the Geotechnical Engineer. Soil fill must be benched into the slope and placed horizontally, and compacted to 98 percent of the Standard Proctor (ASTM D698). Field density tests would be conducted to confirm that the specified compaction was achieved. Some lots may require additional efforts to insure positive drainage away from the house foundations. This may include perimeter and subfloor drains connected to a sump or French drain. Lot yards should be graded such that water drains away from structures. Any such recommendations would be made at the time of house construction.

Sincerely,

Richard A. Linker, P.E.





OWNER
KATHARINE KAYDORF
LOUISVILLE, KY 40245

DEVELOPER
PERCEPTION BUILDERS
PO BOX 15264
LOUISVILLE, KY 40225

OWNER
RICHARD & ANNE GLEBE
18077 Aiken Road
Louisville, KY 40245

OWNER
KATHARINE KAYDORF
LOUISVILLE, KY 40245

DEVELOPER
PERCEPTION BUILDERS
PO BOX 15264
LOUISVILLE, KY 40225

REZONING & SUBDIVISION PLAN
AIKEN NORTH SUBDIVISION
16907, 16909 & 17401 AIKEN ROAD
LOUISVILLE, KENTUCKY 40245
D.B. 9067 PG. 819 & D.B. 10590 PG. 234
T.D. M0424 PG. 986 & PG. 996
10 LOTS, 8.19 AC., 120 & 121

DATE: 1/1/21
SCALE: 1" = 40'

PROJECT NO.: 2020-001
DATE: 1/1/21

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LEGEND

EXISTING GRADE
PROPOSED GRADE
PROPOSED DRIVEWAY
PROPOSED DRIVEWAY CURB
PROPOSED DRIVEWAY CURB AND GUTTER
PROPOSED DRIVEWAY CURB AND GUTTER WITH SIDEWALK
PROPOSED DRIVEWAY CURB AND GUTTER WITH SIDEWALK AND BIKEWAY

EXISTING DRIVEWAY
EXISTING DRIVEWAY CURB
EXISTING DRIVEWAY CURB AND GUTTER
EXISTING DRIVEWAY CURB AND GUTTER WITH SIDEWALK
EXISTING DRIVEWAY CURB AND GUTTER WITH SIDEWALK AND BIKEWAY

EXISTING SIDEWALK
EXISTING BIKEWAY
EXISTING UTILITY
EXISTING TREE
EXISTING SHrub

PROPOSED SIDEWALK
PROPOSED BIKEWAY
PROPOSED UTILITY
PROPOSED TREE
PROPOSED SHRUB

PROPOSED DRIVEWAY CURB AND GUTTER WITH SIDEWALK AND BIKEWAY
PROPOSED DRIVEWAY CURB AND GUTTER WITH SIDEWALK AND BIKEWAY WITH BIKEWAY

PROPOSED DRIVEWAY CURB AND GUTTER WITH SIDEWALK AND BIKEWAY WITH BIKEWAY AND BIKEWAY

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NOTES

1. THIS PLAN IS A REVISION OF THE PREVIOUS PLAN AND SHALL BE CONSIDERED AS SUCH.

2. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS DEFECTS OR CONDITIONS THAT WOULD PRESENT A HAZARD TO THE PUBLIC OR INTERFERE WITH THE PROPOSED DEVELOPMENT.

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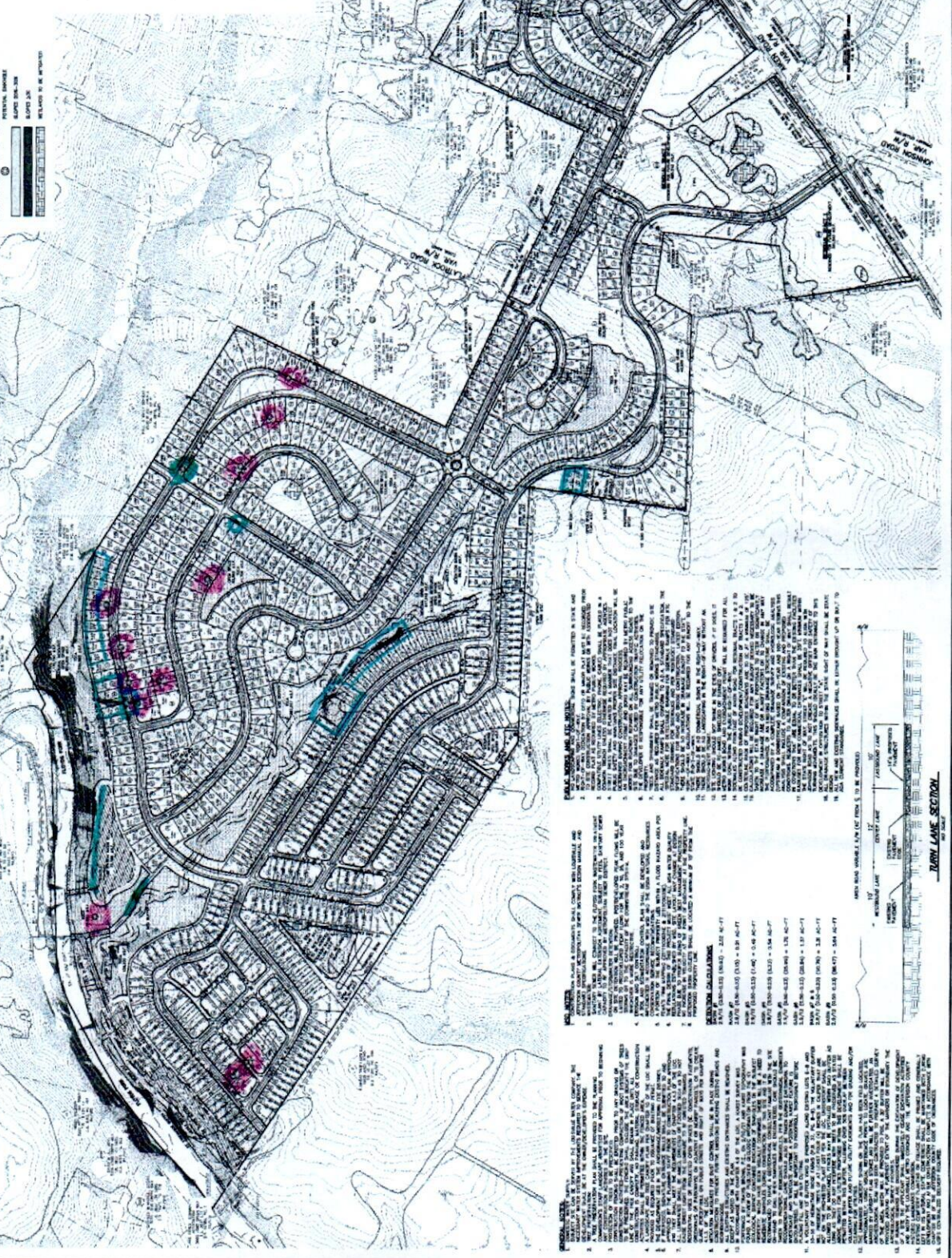
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SLOPE

SINKHOLE

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SCALE: 1" = 40'