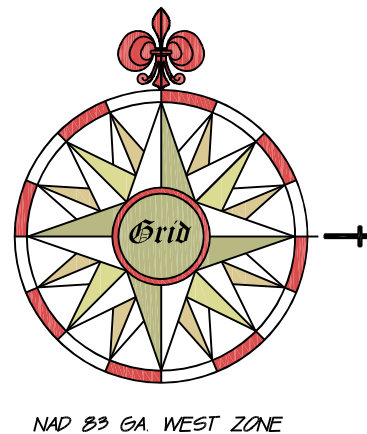




NAD 83 6A WEST ZONE

References

DEEDS:

- (1) DEED BOOK 8077 PAGE 658
- (2) DEED BOOK 1143 PAGE 104
- (3) DEED BOOK 7155 PAGE 296
- (4) DEED BOOK 7056 PAGES 105-108
- (5) DEED BOOK 6480 PAGES 317-334
- (6) DEED BOOK 5460 PAGE 340
- (7) DEED BOOK 7124 PAGES 390-393
- (8) DEED BOOK 6013 PAGE 443
- (9) DEED BOOK 6213 PAGE 542
- (10) DEED BOOK 4863 PAGE 264
- (11) DEED BOOK 5218 PAGE 250
- (12) DEED BOOK 7775 PAGE 515
- (13) DEED BOOK 8078 PAGE 49
- (14) DEED BOOK 8412 PAGES 727-728
- (15) DEED BOOK 8791 PAGES 476-487
- (16) DEED BOOK 8976 PAGE 495
- (17) DEED BOOK 6518 PAGES 555-557

PLATS:

- (1) PLAT BOOK 875 PAGE 242
- (2) PLAT ENTITLED SURVEY FOR, "SPENCER E. DAVIS AND BEVERLY M. DAVIS", PREPARED BY DWIGHT KILBY, LS, DATED: 01/06/2012
- (3) PLAT BOOK 36 PAGE 134
- (4) PLAT BOOK 145 PAGE 173
- (5) PLAT BOOK 838 PAGE 65
- (6) PLAT SLIDE 757 PAGE 143B
- (7) PLAT BOOK 875 PAGE 243
- (8) PLAT BOOK 875 PAGE 244
- (9) PLAT BOOK 875 PAGE 245
- (10) PLAT BOOK 41 PAGE 166

Legend

STANDARD SYMBOLS	ABBREVIATIONS
○ - IRON PIN OR PIPE FOUND (TYPE AS NOTED)	(P.O.B.) - POINT OF BEGINNING
● - #5 REBAR SET CAPPED WITH LS NUMBER	(P.O.C.) - POINT OF COMMENCEMENT
• - COMPUTED POINT	CON. - CONCRETE
□ - MONUMENT FOUND (TYPE AS NOTED)	C/L - CENTERLINE
■ - MONUMENT SET (TYPE AS NOTED)	D.E. - DRAINAGE EASEMENT
/F - FOUND	INT - INTERSECTION
/S - SET	R/W - RIGHT-OF-WAY
W - WATER METER	P/L - PROPERTY LINE
⊕ - FIRE HYDRANT	B/L - BUILDING LINE
⊖ - POWER POLE	BC - BACK OF CURB
⊛ - ELECTRICAL PEDESTAL	
⊙ - PHONE PEDESTAL	
⊙ - CABLE PEDESTAL	
— - COMBINE	

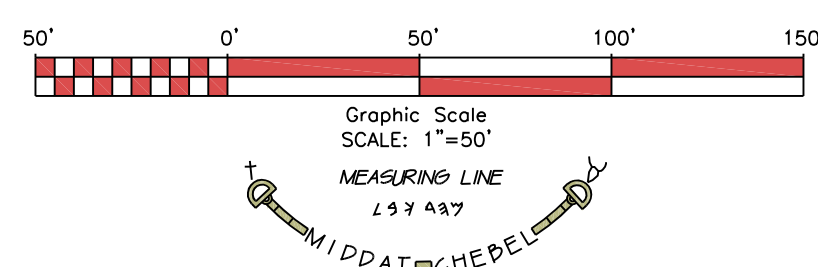
STANDARD LINE TYPES

—	PROPERTY LINES
—	ADJACENT DE LINES OR AS NOTED
—	PLATTED REFERENCED LEGAL DESCRIPTIONS, PLATS OR AS NOTED
—	RIGHT OF WAY
—	POWER LINES
—	FENCE (TYPE AS NOTED)

CONCEPTUAL PLAN:

**John Moreland
and
Patty Moreland**

G.M.D. 385 OF THE HEADRIGHTS SECTION
HALL COUNTY, GEORGIA
CONCEPTUAL PLAN: 03/18/2026
JOB#26030301 DRAWING#26030301
UPDATE: 04/20/2026 - REVISED GAR. LOCATION



Gwinnett Soils 15-25%
Estimated Percolation Rate: 60 (min/in)
Conventional System: $345/(ft^2) \times 4 \text{ (bedroom)} = 1,035/(ft^2)/3 = 460 \text{ Lf}$

Alternative and Chamber Approved Systems:
460 x (0.65 equivalency factor) = 300 Lf
Infiltrator High Capacity
Infiltrator HC Sidewinder
Infiltrator Quick4 Plus High Capacity
EnviroChamber SF Hi-Cap
EnviroChamber SW Hi-Cap
EnviroChamber Pro Hi-Cap
EnviroChamber Pro ARC Hi-Cap
BioDiffuser 14" & 16" Hi-Cap
Arc 36 High Capacity
Pro4 36 HC
EZflow-EZ1303T
Flowtech FTS133T-1 and FTS133T-1350

300 Lf Alternative and Chamber Approved System shown.
300 Lf Alternative and Chamber Approved System repair shown.

SOIL UNIT	PRED. SLOPE GRADIENT %	DEPTH TO BEDROCK (in)	DEPTH TO HIGH WATER TABLE INDICATORS (in)	INSTALLATION ZONE (in)	ESTIMATED PERC RATE (min/in)	SOIL SUITABILITY CODE
Gwinnett	15-25	>72	>72	40-40	60	A
Lloyd	15-25	>72	>72	18-30	70	A1
Bethlehem	15-25	60	>72	24-38	60	A

NOTE:

- 1) If the area proposed for septic system construction is graded or filled twelve inches or more, this report and the recommendations herein are void. Grading soils with shallow installation recommendations will adversely affect suitability.
- 2) Soil borings were located using a Trimble PROXH global positioning system. The boundary and topography was provided by The Kilby Group. Refer to the official survey for depiction of the entire property and relevant notations. This firm assumes no responsibility for the depiction of property boundary shown.
- 3) The area tested is according to proposed house location of a new 2.01 acre parcel to be subdivided from the original 12.28 acres. This study expands upon previous study from 2018. Borings B1 - B5 were added per this current investigation.
- 4) The Fill area shown is limited to an area adjacent to a gully. These soils are not suitable for septic system installation.
- 5) Ensure that any area proposed for septic system installation, including future reserve area, is properly landscaped such that surface water drainage and ponding does not occur. This includes ensuring that runoff from driveway, hardscape and gutters is diverted away from any component of the septic system.

SOIL SUITABILITY CODES:

- A) These soils are considered suitable for installation of a conventional septic system and should function satisfactorily given proper design, installation and maintenance.
- A1) These soils are considered suitable for conventional septic system installation and should perform satisfactorily given proper design, installation and maintenance. Note these soils require moderately shallow installation due to slower percolation characteristics in the lower soil profile. Deeper installation is not recommended and could result in poor septic system performance.

Property Information

CURRENT OWNER: RANDY MORELAND AND SHELLIE MORELAND
STREET ADDRESS: 4387 BENEFIELD ROAD
BRASELTON, GA 30517
TAX PARCEL NUMBER: 15028 000139
WATER: CITY OF GAINESVILLE
SEWER: ON-SITE SEPTIC
ZONED: AR-1
FRONT SETBACK: 40' MINIMUM OR AVERAGE
SIDE SETBACK: 15' MINIMUM
REAR SETBACK: 25' MINIMUM

ANY STREAM OR STATE WATER LOCATED ON THIS PROPERTY MAY BE SUBJECT TO A 50 FEET UNDISTURBED NATURAL VEGETATIVE BUFFER AND A 75 FEET IMPERVIOUS SURFACE SETBACK MEASURED FROM THE POINT OF WRESTED VEGETATION. (HALL COUNTY CODE § 10.4.7)

THIS PROPERTY OR A PORTION THEREOF IS NOT LOCATED IN A FLOOD HAZARD AREA AS SHOWN ON FLOOD INSURANCE RATE MAP #13139C0312G, HALL COUNTY GEORGIA, DATED: 12/01/2022

THIS PROPERTY OR A PORTION THEREOF IS NOT LOCATED IN THE HALL COUNTY STUDIED FLOOD ZONE PER HALL COUNTY GIS.

General Notes

MATTERS OF ZONING AND LAND USE HAVE NOT BEEN VERIFIED. PARTIES INTERESTED IN ZONING OR LAND USE SHOULD CHECK WITH THE LOCAL ISSUING AUTHORITIES.

SUBJECT TO RIGHT OF WAYS AND EASEMENTS NOT SHOWN HEREIN.

STATE OF GEORGIA AND CITY/COUNTY STREAM BUFFERS AND SETBACK REQUIREMENTS MAY APPLY TO THE SUBJECT PARCEL.

DEED/PLAT LINE - A DEMARCATION LINE AS DERIVED FROM A LITERAL INTERPRETATION OF A REFERENCED LEGAL DESCRIPTION OR PLAT WITHOUT CONSIDERATION OF INTENT OR POSSIBLE AMBIGUITY.

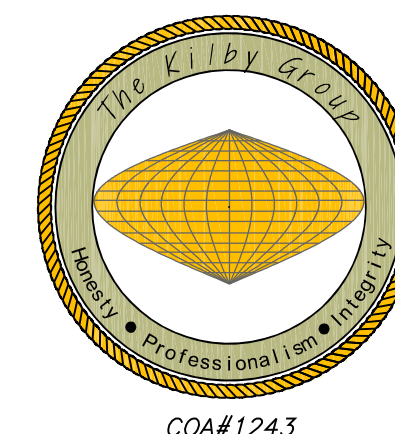
PROPERTY LINE - THE SURVEYED LINE TO ESTABLISH OR REESTABLISH THE DEMARCATION LINE BETWEEN TWO PARCELS OF LAND, FORMING ONE CONTIGUOUS PARCEL.

ALL PLATS, DRAWINGS, REPORTS, PLANS, SPECIFICATIONS, FIELD DATA AND NOTES, AND OTHER DOCUMENTS, INCLUDING ALL DOCUMENTS ON ELECTRONIC MEDIA, PREPARED BY D. KEITH KILBY, LS ARE INSTRUMENTS OF SERVICE, AND SHALL REMAIN THE PROPERTY OF D. KEITH KILBY, LS.

2.01 Acres

BEING A PORTION OF LOTS 5, 8 AND 9
SECTION "A" OF THE NATHANIEL E. ASH S/D
PLAT BOOK 36 PAGE 134

Preliminary for Review



D. KEITH KILBY, PLS
Georgia ~ Tennessee ~ North Carolina
GSWCC Level II Design Professional
LAND SURVEYING • LAND PLANNING • CONSULTING



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