

SEPTIC SPECIFICATIONS WORKSHEET

Subdivision Gaither Estates A 520401
 Street Name 14858 Rusty Park Lot Number 2
 Average Percolation Rate(min./in.) 7-8 min Application Rate (GPD/sq. ft.) 0.8
 Number of Bedrooms 4 Design Flow (BRx150) 600
 Square Footage (of House) 4321.5 Septic Tank Capacity (gal.) 2000
 Sidewall Credit / % Reduction 2' 157% Total Length of Trench (ft.) 214

***All Septic/Pump tanks must be top seamed unless otherwise approved by this agency.**

***All Septic tanks must be compartmented unless otherwise approved by this agency.**

Baffle Filter Required? Yes ☐ No ☒

TRENCH DIMENSIONS: Trench to 2 feet wide. Inlet at 4 feet below original grade. Bottom maximum depth 7 1/2 feet below original grade. Effective area begins at 5 1/2 feet below original grade. 3 feet of stone below the distribution pipe.

PUMP SYSTEM PROPOSED? YES ☐ NO ☒

Pump system details: _____ gallon pump chamber

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test required prior to Health Department approval of pumped septic system.

LOCATION: _____

ADDITIONAL NOTES: Install system per plan. ^{intended by HCHD} No 90° bends between house and tank. Layout inspection required prior to installation.

Reviewed by: DF

Date: 7/5/07

Notes

The subject property is zoned RC per the 02/02/04 comprehensive zoning plan.

A Boundary Survey and Topographic Survey were performed by Dietz Surveying in April of 2004.

All visible utilities have been located.

No comparison to any plane has been made.
Pipe size, type and direction must be verified before construction.

There are no Steep Slopes on the property.

Storm water Management Requirements will be addressed by the use of Rooftop Runoff disconnect Credit since the Site meets the criteria.

Standard Sediment Control Measures will be used for this project.

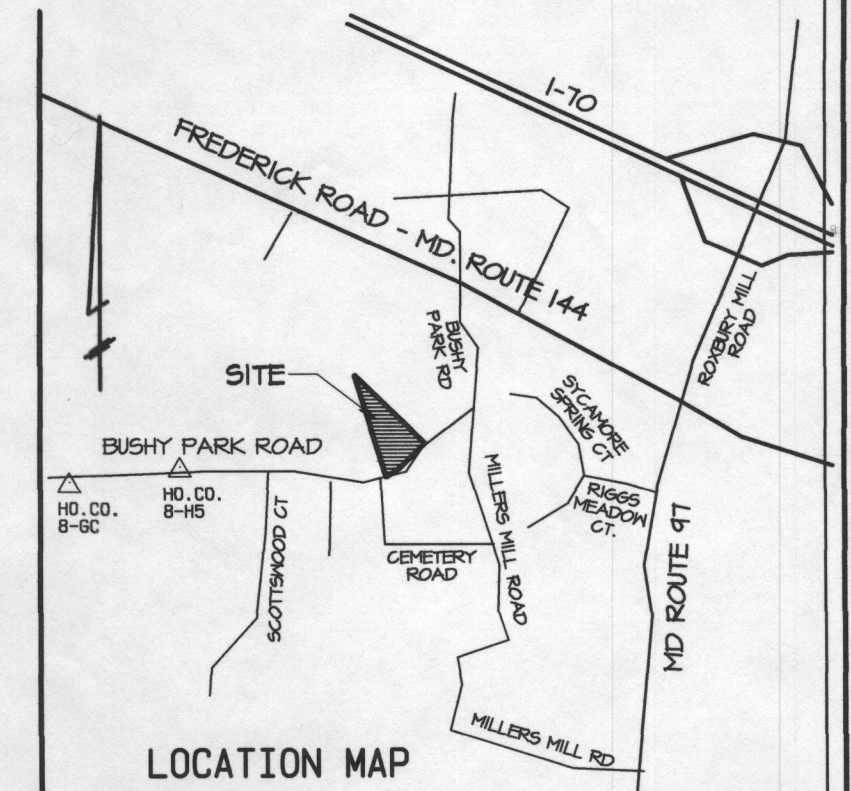
Driveways shall be provided prior to Residential occupancy to ensure safe access for fire and emergency vehicles per the following minimum requirements.

- width - 12 feet (14 feet serving more than 1 residence)
- surface - 6 inches of compacted crusher-run base with tar & chip coating.
- Geometry - maximum 14% grade, maximum 10% grade change and minimum of 45 foot turning radius.
- Structures (Culverts/Bridges) - Capable of supporting 25 gross tons (H25 Loading)
- Drainage Elements - Capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface.
- Structure Clearances - Minimum 12 feet
- Maintenance - sufficient to ensure all weather use.

The existing well(s) shown on this plan (identified with the attached well tag number H0#94-4097) has been field located by Dietz Surveying Inc., professional land surveyor(s) and is accurately shown.



THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.



VICINITY PLAN

SCALE: 1" = 2000'

SCALE: 1" = 2000'
ADC MAP #4-A-13

Septic Data

INV. @ HOUSE = 657.2

SEPTIC TANK
EX. GRADE = 658.5
FIN. GRADE = 658.5
INV. IN = 655.7
INV. OUT = 655.4

DISTRIBUTION BOX
EX. GRADE = 658.0
FIN. GRADE = 658.0
INV. IN = 655.2
INV. OUT = 655.0

TRENCHES
INLET DEPTH = 3.0'
* TRENCH SPECIFICATION TO BE DETERMINED BY HOWARD COUNTY HEALTH OFFICER AT THE TIME OF SEPTIC INSTALLATION.

PLOT PLAN

LOT 2

Gaither Estates

Plat No 18302

Howard County, Maryland

4th Election District

Scale: 1"=60' May 2, 2007

Dietz Surveying

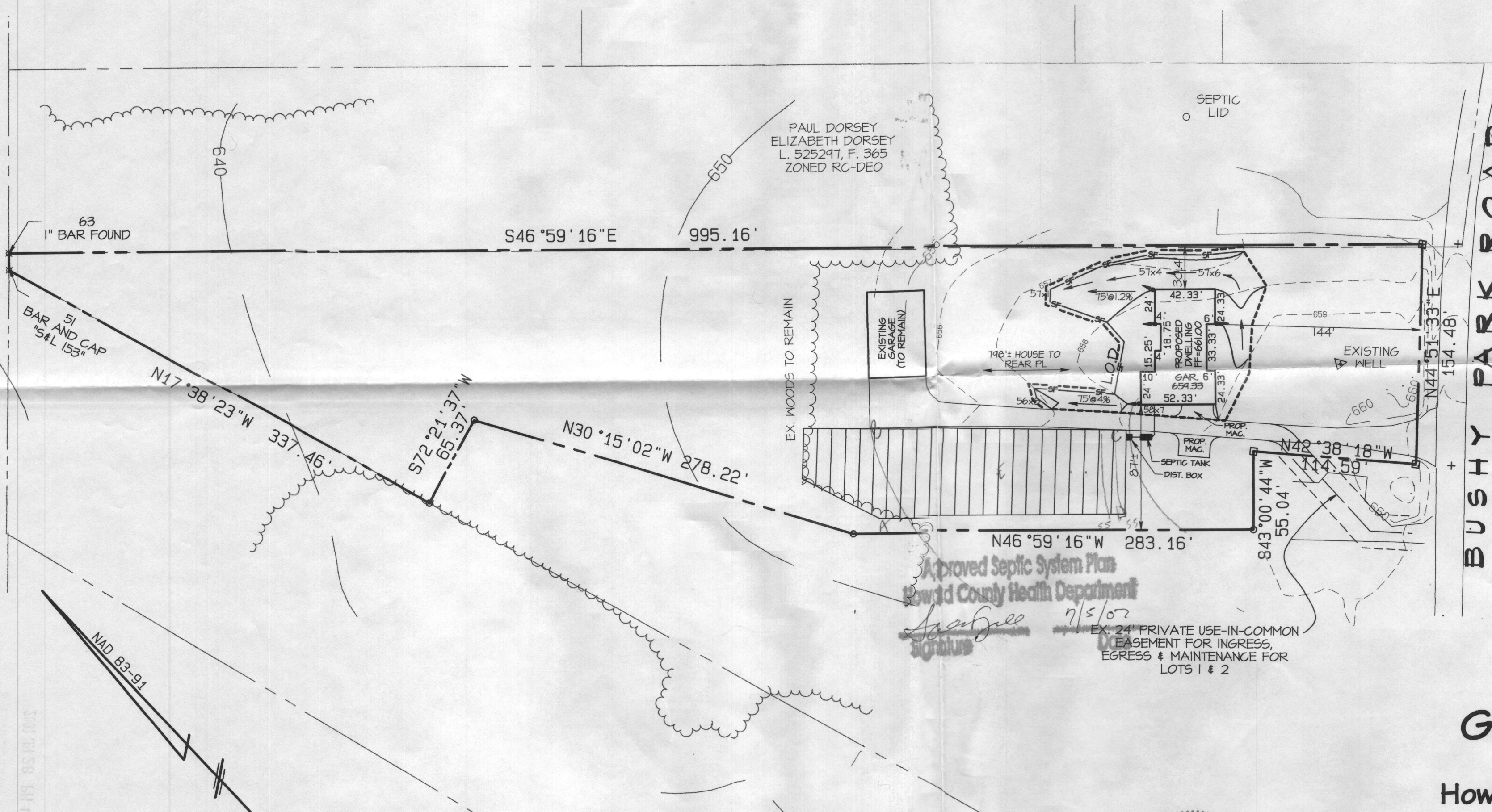
Land Surveying and Land Planning

8119 Oakleigh Road Baltimore MD 21234
Ph 410-661-3160, Fax 410-661-3163
www.dietzsurveying.net

Plot Date: 6/26/2007

Job No. 04080

File Name: X:\Bushy\BUSHY-SITEPLAN.prn



Project Background

Tax Map 8 Parcel 89 (Lot 2)
Election District: 4TH
Zoning: RC
Deed Reference: L. 5333, F. 225
Plat No: 18302
Total Tract Area: 3.425 Ac. (surveyed)
Proposed Use: Single Family Detached

LEGEND

- SEPTIC AREA
- LIMIT OF DISTURBANCE
- RUN-OFF FLOW PATH
- DOWNSPOUT FOR ROOFTOP DISCONNECT
- PROPOSED SPOT ELEVATION
- SILT FENCE

Owner/Builder

WAYNE M. GAITHER
PAULA D. GAITHER
14866 BUSHY PARK ROAD
WOODBINE, MD 21150



GRAPHIC SCALE

1"=60'

