

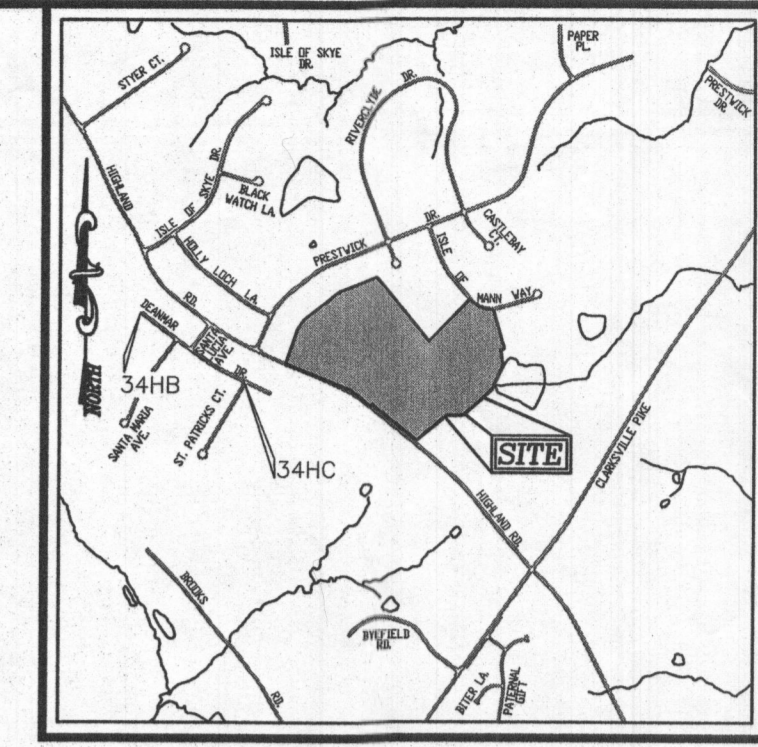
**DESIGN DATA & GENERAL NOTES**

[1] Concrete strength  $F_c=4000$  p.s.i. @ 28 days. Density = 150 pcf.  
 [2] Cement - Portland Type III per ASTM C-150-02.  
 [3] Admixtures & plasticizers per ASTM C-494-04 & C-494-02.  
 [4] Reinforcing per ASTM A-618. Min. 1-1/2" cover.  
 [5] Top ends sealed with butyl rope mastic.  
 [6] 4" well, base, & top thickness.  
 [7] Max 2-1/2" of cover.  
 [8] Depending on use of tank, Inlet & Outlet baffles may be required by code.

**1,500 GALLON TANK (Non-Traffic) 2-Compartment**  
 Stock Item  
 WEIGHT = 16,750 lbs.

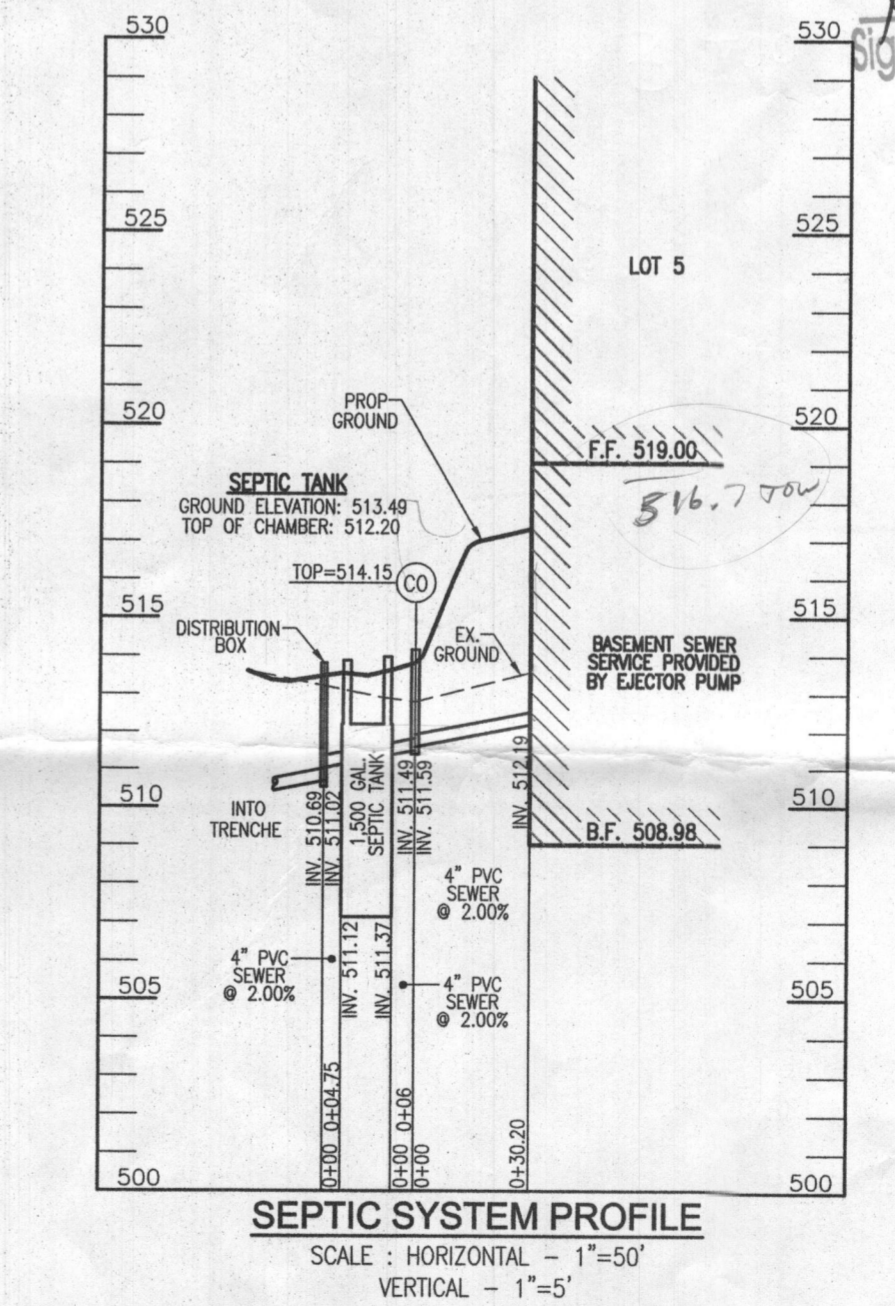
6384 Race Road  
 Ellicott City, Maryland 21045  
 Tel. 410.786.1434  
 Fax. 410.786.1438  
 www.mayerbrosprecast.com

Dwg. No. 1600-02 No Scale Aug. 11, 2008



- LEGEND:**
- BOUNDARY LINE
  - RIGHT-OF-WAY LINE
  - EXISTING EDGE OF PAVING
  - EXISTING UTILITY POLE
  - EXISTING FENCE LINE
  - EXISTING 10' CONTOUR
  - EXISTING 2' CONTOUR
  - EXISTING TREES
  - PRIVATE VARIABLE WIDTH USE-IN-COMMON ACCESS EASEMENT
  - PRIVATE VARIABLE WIDTH STORMWATER MANAGEMENT DRAINAGE & UTILITY EASEMENT
  - PROP. ALTERNATE WELL LOCATION
  - EX. WELL LOCATION
  - FAILED PERC. TEST
  - PASSED PERC. TEST
  - APPROVED SEPTIC AREA

Approved Septic System Plan  
 Howard County Health Department  
 1500 gal septic tank  
 to gravity drainfield  
 for 5-bedroom SFD  
 J. Bueller 6/7/2017  
 Signature Date



**ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN**

**MCDANIEL PROPERTY - LOT 5**  
 12992 HIGHLAND ROAD  
 HIGHLAND, MD 20777

BUILDING PERMIT # \_\_\_\_\_

**OWNER/DEVELOPER**  
 JOHN P. MCDANIEL  
 13032 HIGHLAND ROAD  
 HIGHLAND, MD 20777  
 ATTN: MR. JOE RUTTER  
 (443) 367-0422

**ROBERT H. VOGEL ENGINEERING, INC.**  
 ENGINEERS • SURVEYORS • PLANNERS  
 8407 MAIN STREET  
 ELLICOTT CITY, MD 21043  
 TEL: 410.461.7666  
 FAX: 410.461.8961

**PROFESSIONAL CERTIFICATE**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 18183 EXPIRATION DATE: 08-27-2018

DESIGN BY: RHW  
 DRAWN BY: JMR  
 CHECKED BY: RHW  
 DATE: DECEMBER 2016  
 SCALE: AS SHOWN  
 W.O. NO.: 08-43

1 SHEET OF 1