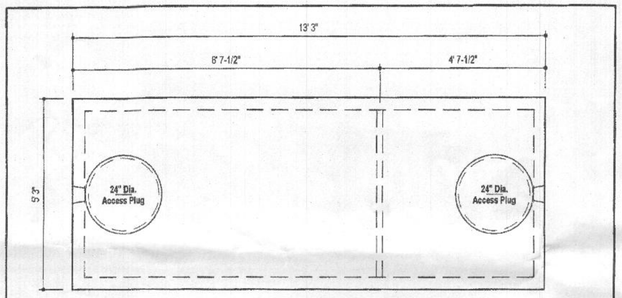
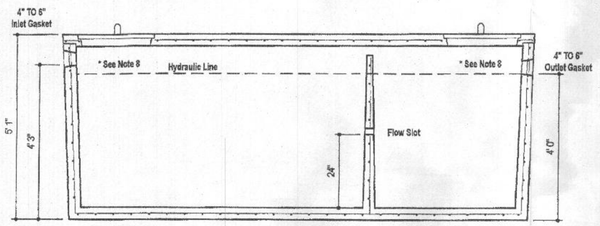


PLAN VIEW



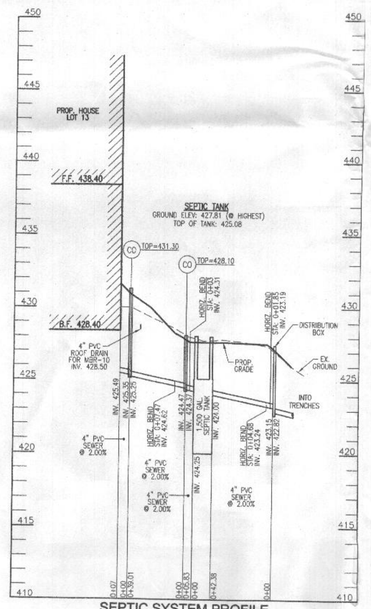
SECTION A-A

DESIGN DATA & GENERAL NOTES

[1] Concrete strength f'c=4,000 p.s.i. @ 28 days. Density = 150 pcf.
[2] Cement - Portland Type III per ASTM C 150-92.
[3] Admixtures & plasticizers per ASTM C 260-86 & C 494-92.
[4] Reinforcing per ASTM A185. Min. 1-1/2" cover.
[5] Top slab sealed with butyl rope mastic.
[6] 4" wall, base, & top thickness.
[7] Max 3-1/2' of cover
*[8] Depending on use of tank, Inlet & Outlet baffle may be required by code.

WEIGHT = 16,750 lbs.

MBI Mayer Bros., Inc.	6264 Race Road Elkridge, Maryland 21075 Tel. 410.796.1434 Fax. 410.796.1438 www.mayerbrosprecast.com	1,500 GALLON TANK (Non-Traffic) 2-Compartment Stock Item	
		Dwg. No. 1500-2C	No Scale	Aug. 11, 2008



SEPTIC SYSTEM PROFILE
SCALE : HORIZONTAL – 1"=50'
VERTICAL – 1"=5'

Approved Septic System Plan
Howard County Health Department
1500-gallon Septic Tank
to gravity drainfield
for 5-bedroom SFD
RBuell 1/25/2021
Signature Date

OWNER
ESTATES AT RIVER HILL, LLC
MICHAEL PFAU, MEMBER
3675 PARK AVE., SUITE 301
ELLICOTT CITY, MD 21043
(410) 480-0023

DEVELOPER
TRINITY HOMES MARY LAND, LLC
3675 PARK AVE., SUITE 301
ELLICOTT CITY, MD 21043
(410) 480-0023

ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

THE ESTATES AT RIVER HILL - LOT 13
13604 OLIVIA WAY
HIGHLAND, MD 20777

PARCEL: 388
TAX MAP: 34 GRID: 23
5TH ELECTION DISTRICT

ZONED: RR-DEO
L. 18487 / F. 262
HOWARD COUNTY, MARYLAND

VOGEL ENGINEERING
⊕
TIMMONS GROUP
3300 NORTH RIDGE ROAD, SUITE 110, ELLICOTT CITY, MD 21043
P: 410.461.7666 F: 410.461.8961 www.timmons.com

STATE OF MARYLAND ROBERT HARRIS VOGEL NO. 16193 PROFESSIONAL ENGINEER
ROBERT H. VOGEL, PE No.16193

DESIGN BY: RHV
DRAWN BY: JMR
CHECKED BY: RHV
DATE: JANUARY 2021
SCALE: AS SHOWN
W.O. NO.: 15-39

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. 16193 EXPIRATION DATE: 09-27-2022

SHEET 2 OF 2