

LAYOUT 6/2/10 INSP 4 _____
 INSP 2 6/16/10 INSP 5 _____
 INSP 3 6/17/10 INSP 6 _____

ISSUE DATE: 5/11/10
 APPROVAL DATE: 10/29/2010

PERMIT

P 533234
 A 514619-K

Tax ID # 03342506

**ON-SITE SEWAGE DISPOSAL SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH**

TRINITY QUALITY HOMES IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: 433-324-9806

SUBDIVISION: The Preserve @ Waverly Glen LOT NUMBER: 11

ADDRESS: 1875 Mount Denali Drive PROPERTY OWNER: Trinity Quality Homes Inc.

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: Unkwn

LINEAR FEET OF TRENCH REQUIRED: 160' 45', 85'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below grade. Effective area begins at 4.0 feet below original grade with 3.0 feet of stone below distribution pipe.
LOCATION:	Set pump tank and septic tank per layout inspection. Set distribution box about 70' from NW septic reserve corner. Install 3 trenches on contour towards west or northwest: 1x50' back to north septic reserve boundary, 1x60' toward NW corner and 1x50' from west septic reserve boundary.
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Robert Bricker DATE: 2/5/10

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

NOT TO SCALE

* See Separate sheet
for As built

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		160'
ABSORPTION AREA		480' + SW
DISTRIBUTION BOX LEVEL		90' bend
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL Yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 3'

BAFFLES Yes

BAFFLE FILTER —

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST —

SLOTTED Yes 5/1/10

PUMP/SEPTIC TANK LEVEL Yes

MANUFACTURER Babylon

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 2-2.5'

BAFFLES Front

BAFFLE FILTER —

MANHOLE LOC Rear

6" PORT LOC Front

WATERTIGHT TEST —

SLOTTED no

PRE-CONSTRUCTION

6/2/10 set tanks
out of swale area
20' from house.

Install D box near
top center of SRT.

Install a 75' and 85' trenches on contour running towards
R499. Call for inspection (P)

INSTALLATION: 6/16/10 21" SMC installed. Tanks set, pump installed,
2" E.M. run up to D. box. No trenches installed. No one present (P)

6/17/10 Trenches complete. 70' and 90' trenches were installed.
Need pump and alarm test for final approval (P)

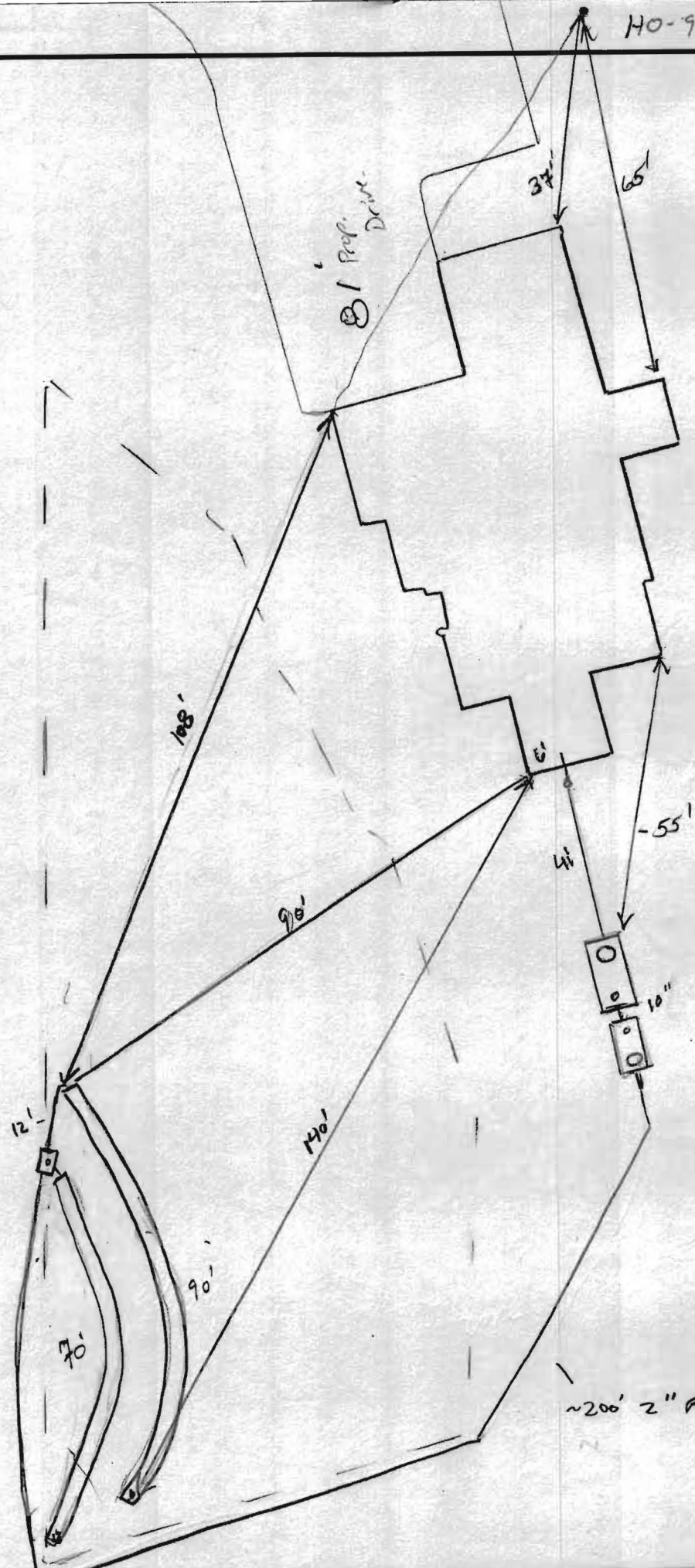
10/20/2010 Pump and alarm working (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 10/20/2010

HO-94-3878

81 Prof. Drive

Apex Prof. L.L.

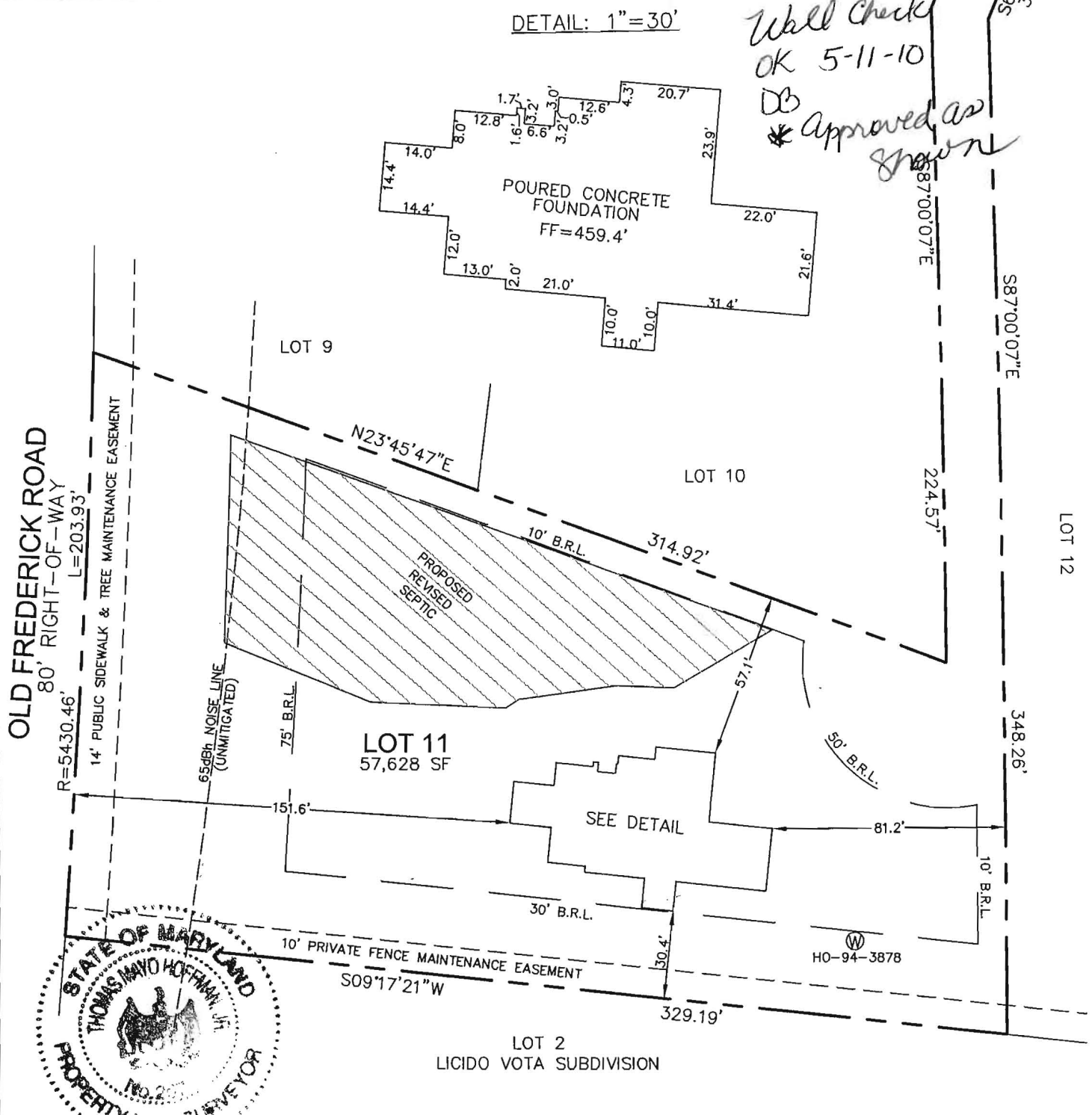


NOT TO SCALE

~200' 2" F.M.

MARYLAND STATE GRID MERIDIAN (NAD83/91)

MOUNT DENALI DRIVE
40' RIGHT-OF-WAY
R=220.00'
L=20.08'



I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

Thomas M. Hoffman Jr. 5.10.10
THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE

B.P.# B10000370
1875 MOUNT DENALI DRIVE

THIS WALL CHECK DRAWING CONTAINS A HORIZONTAL TOLERANCE IN ACCURACY OF 0.1' AND A VERTICAL TOLERANCE IN ACCURACY OF 0.2'

SCALE 1"=50'	DATE 05/07/10	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLCOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING LOT 11 THE PRESERVE AT WAVERLY GLEN PLAT No. 17060 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY A.M.S.	CHECKED BY T.M.H.		
PLAT NUMBER 17059-17069	JOB NUMBER 00-139.02		



Freemire & Associates, Inc.

Manufacturers' Representative

Bio-Microbics Start-Up & Product Registration

Owner		Installer	HATFIELD'S	Consult Engineer	
Owner's Name		Name (Person)	JEFF	Phone #	
Lot #	1	Phone #	410-984-0047	Fax #	
Address (City, State & Zip)	3306 SECRETARIAT WAY Blenheim, MD 21737	Address (City, State & Zip)	P.O. BOX 519 ANNAPOLIS JUNCTION, MD	Original Purchaser from Freemire	
County	Howard	Fax #	301-490-5794	Order #	1002706

The Unit is installed per Manufacturers Instruction? Yes No

Date of Inspection: _____ Date Shipped to User: _____ Serial # MCF 35 32110

In addition to proper installation, I have specifically verified that the following tasks are complete:

ELECTRICAL PANEL(S)

- Proper voltage to electrical panel(s), mounted correct & secure
- Visual alarm operating
- Audio alarm operating (if present)

BLOWERS

- Wired for correct voltage
- Inlet/Outlet piped correctly
- Filter element installed
- Blower hood secure
- Blower works correctly
- Blower located within 100 feet of treatment unit
- Air line clean
- Air inlet screen clear
- Blower hood vents clear

TREATMENT UNIT(S)

- Clean outs to grade and accessible
- Air vent clear
- Septic tank is level & will drain properly
- Septic tank meets minimum size
- Septic tank filled to operating level with water
- Air lift operation
- Recirculation tube in place
- Fasteners tight

Vary close

Comments: Need to stop back with a camera

Start-Up Scheduled for:	Restart Date:	Restart Paid: <input type="checkbox"/> Yes <input type="checkbox"/> No
Your Signature: <i>[Signature]</i>	Title: <u>Service</u>	
Print Name: <u>J. M. Cook</u>	Date: <u>10/22/10</u>	

SEND TO: MDE DNREC BIOMICROBICS

