

LAYOUT 3/14/12 INSP 4 _____
INSP 2 3/15/12 INSP 5 _____
INSP 3 3/16/12 INSP 6 _____

ISSUE DATE: 3/9/12

PERMIT

P 530750

APPROVAL DATE: 3/16/12

A UPGRADE

Tax ID # 14003285928

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

Maryland Septic Incorporated (Larry Tuck) IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 938 Parkey Road Gambrills MD 21054 PHONE NUMBER: 410-551-8579

SUBDIVISION: N/A LOT NUMBER: 1

ADDRESS: 11791 Triadelphia Road PROPERTY OWNER: Matt Harvill

SEPTIC TANK CAPACITY (GALLONS): Ex 1250 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: 3,610

LINEAR FEET OF TRENCH REQUIRED: 200'

TRENCHES:	Trenches to be <u>3</u> feet wide. Inlet <u>4</u> feet below original grade with <u> </u> feet of stone below distribution pipe. Bottom maximum depth is <u>8</u> feet below grade. Effective area begins at <u>5</u> feet below original grade. Maintain at least <u>9</u> feet spacing between trenches. <i>~150 ft</i>
LOCATION:	Disconnect existing trenches. Set new distribution box per plan. Install 2 x 100' trenches on contour per plan.
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: HS DATE: 3-6-12

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

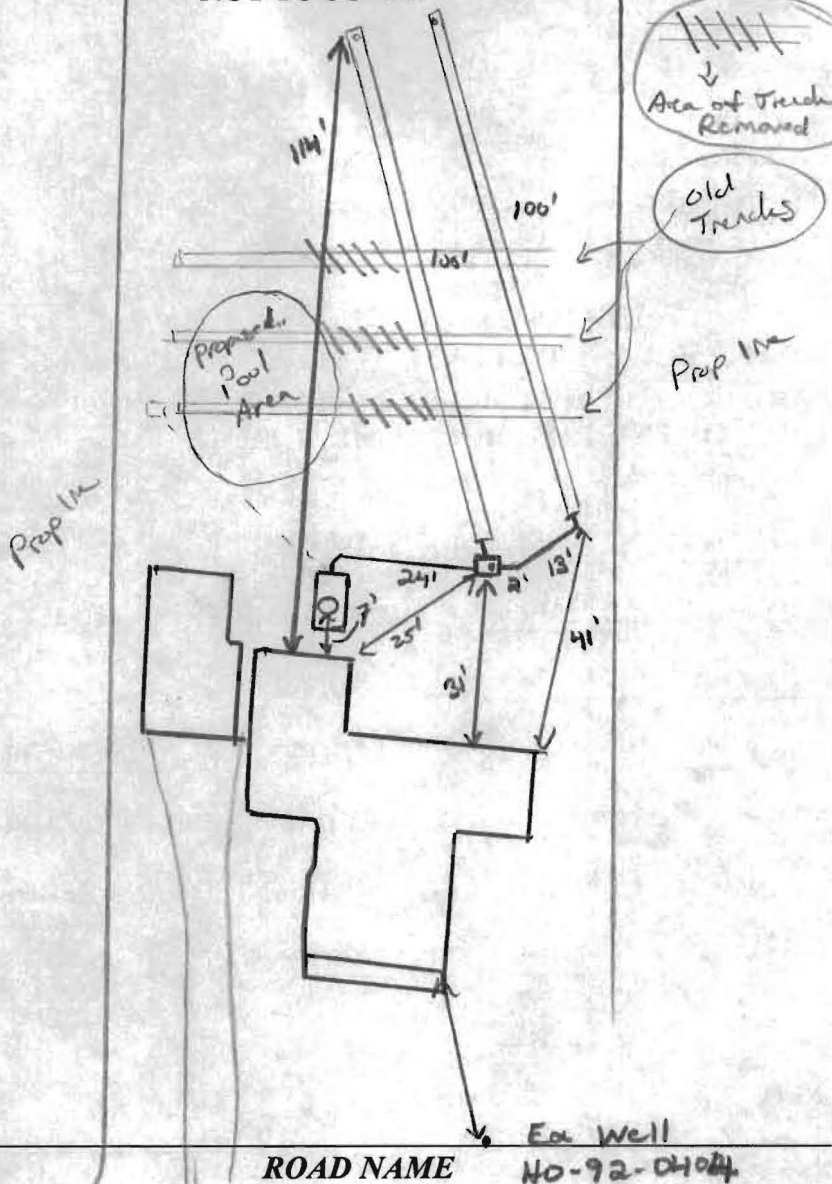
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**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



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		200'
ABSORPTION AREA		600' + SW
DISTRIBUTION BOX LEVEL		Level
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	?
CAPACITY	1250 GAL
SEAM LOC	mid.
TANK LID DEPTH	1-2'
BAFFLES	new out let
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	none
WATERTIGHT TEST	OK
SLOTTED	NO
DATE ON LID	—

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

3/14/12 Preconstruction meeting w/ contractor. Elevation photo contour was off from plan. Homeowner explained to me that he had given trench location to Herd (HD) and was approved. I explained that it is not good practice to cross through ex. trenches (off contour @ that) when trying to put setback to water line of a pool. This creates a channel into new trenches. After a long discussion in field, I told contractor to install 2x 100' trench per

INSTALLATION: permit specs but hold elevations on trenches approx 1/2 way up on contour. Ex. trench will need to be dug out and removed. (see)

3/15/12. New plumbing and box set. High tank installed OK. To continue (see) 3/16/12 Trenches complete. Old trenches removed. Placed w/ a heavy ch from pool on new trenches. Everything looks good. OK to back fill.

FINAL INSPECTOR

R. Wally

DATE OF APPROVAL

3/16/12

HOWARD
COUNTY

HEIDI

410 313 6287

1" = 50'

N 49° 1'

LOT 1

58,999 SQ/FT

N 41° 45' W 580'

N

Larry Tuck 410-274-0059

Toll Free: 1 (800) 674-9020

**MARYLAND
SEPTIC
INCORPORATED**

SEPTIC SYSTEMS • PUMPING • STORM WATER MANAGEMENT
www.marylandsepticinc.com

CHARLOTTE TUCK
President
marylandseptic@yahoo.com

Phone: (410) 551-8579
Fax: (410) 551-3919
936 Parkey Road
Gambrills, MD 21054

ELEVATIONS OK
8/16/93 (CW)

EXISTING GARAGE

5.05

GRAGE

DRIVE

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

House

FF

544

PORCH

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

WALK

REPLACEMENTS

2" WIDE 72' LONG 8" DEEP
PIPE AT 4'

PUMP MAY BE REQUIRED

EXISTING ELEVATION AT TRENCH: 544.90
INVERT ELEVATION INTO TRENCH: 541.70
EXISTING ELEVATION AT DIST. BOX: 544.80
INVERT ELEVATION INTO DIST. BOX: 542.20
EXISTING ELEVATION AT TANK: 544.60
INVERT ELEVATION INTO TANK: 542.90
INVERT ELEVATION OUT OF TANK: 542.60
ELEVATION AT HOUSE: 543.50
INVERT ELEVATION OUT OF HOUSE: 541.17
FF ELEVATION: 544.17
BE ELEVATION: 540.17

PRIMARY 100' X 3' X 8'

pipe AT 4'

EXISTING HOUSE

EXISTING WELL

839.90

84.68

11791
TRIADDELPHIA ROAD
ELLICOTT CITY, MD

OWNER MATT HARVILL
11791 TRIADDELPHIA RD
ELLICOTT CITY MD
21042

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

B. Wilson for Peter Beilenson 3/8/2012

(SIGNATURE, HO. CO. HEALTH OFFICER;)

(DATE)

REVISED PERCOLATION CERTIFICATION PLAN

This area designates a private sewerage easement of at least 10,000 square feet as required by the Maryland Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available and serving any residential structures constructed on these building sites. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easements. Recordation of a modified sewage easements shall not be necessary.

-All percolation test holes that have passed are shown hereon have been field located and thus shown ⑦ ⑧ Failed Test: ①

-The topography of this plat is taken from Howard County GIS and is verified to accurately represent the relative elevation changes on the subject property. Elevations were field verified by Larry Tuck in January 2012.

-All wells and septic systems within 100' of the property boundaries and within 200' downgradient of any wells have been shown.

-The purpose of this plan is to revise the septic area for an in ground pool.

-Any changes to a private sewerage easement shall require a revised percolation certification plan.

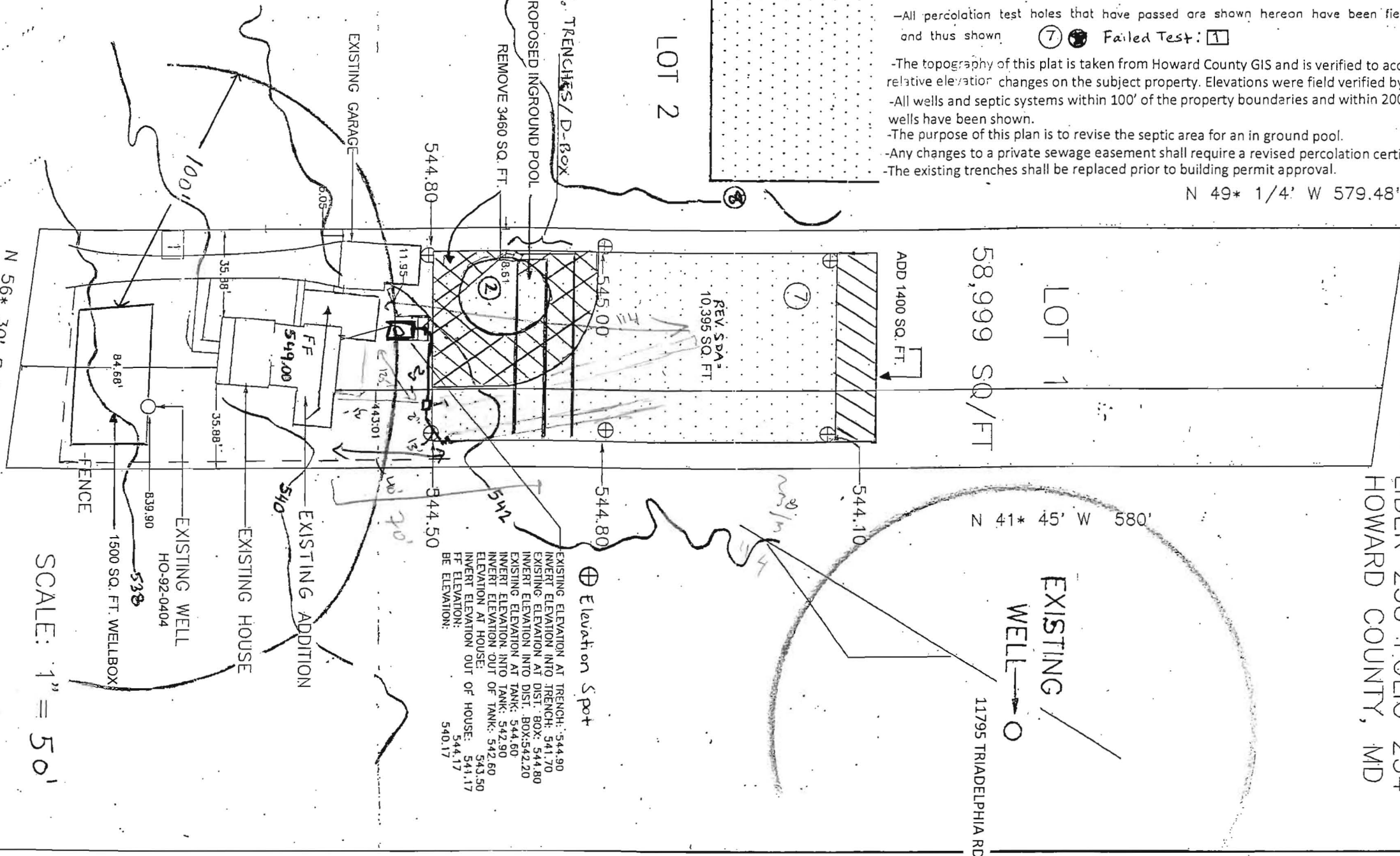
-The existing trenches shall be replaced prior to building permit approval.

N 49° 1/4' W 579.48'

TRIADDELPHIA ROAD

N 56° 30' E 95.24'

SCALE: 1" = 50'



11791 TRIADDELPHIA RD.
3RD ELECTION DISTRICT
LIBER 238 FOLIO 254
HOWARD COUNTY, MD

N 41° 45' W 580'

EXISTING
WELL

11795 TRIADDELPHIA RD

⊕ Elevation Spot
EXISTING ELEVATION AT TRENCH: 544.90
INVERT ELEVATION INTO TRENCH: 541.70
EXISTING ELEVATION AT DIST. BOX: 544.80
INVERT ELEVATION INTO DIST. BOX: 542.20
EXISTING ELEVATION AT TANK: 544.60
INVERT ELEVATION INTO TANK: 542.90
EXISTING ELEVATION OUT OF TANK: 542.60
ELEVATION AT HOUSE: 543.50
INVERT ELEVATION OUT OF HOUSE: 541.17
FF ELEVATION: 540.17
BE ELEVATION: 540.17