

LAYOUT 1/8/2013 INSP 4 _____
 INSP 2 1/10/2013 INSP 5 _____
 INSP 3 3/13/2013 INSP 6 _____

ISSUE DATE: 12/6/12
 APPROVAL DATE: 3/14/2013

PERMIT

P 544417
 A _____

Tax ID # 05-448220

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

Fogles Septic Clean

IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: The Preserve at Clarksville LOT NUMBER: 10

ADDRESS: 12610 Grovewood Court PROPERTY OWNER: Dayton Oaks LLC.

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 6 APPLICATION RATE: 1.2'

SQUARE FOOTAGE OF HOUSE: 9,000 Trenches 3' Wide

LINEAR FEET OF TRENCH REQUIRED: 190' Inlet 4'
174' Bottom 6.5'

TRENCHES:	Trenches to be 2.0 feet wide. Inlet is at 3.0 feet below original grade with 3.0 feet of stone below the distribution pipe. Bottom maximum depth is 6.0 feet below original grade. Effective sidewall begins at 3.5 feet below original grade. Maintain at least 7.0 feet of spacing between trenches. <u>4.0</u>
LOCATION:	Set septic tank per plan. Set distribution box per plan at about 2.5 feet depth. Install 1 x 90' and 1 x 100' trenches on contour at top of septic reserve. <u>3 x 58'</u>
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake 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: 6/28/12

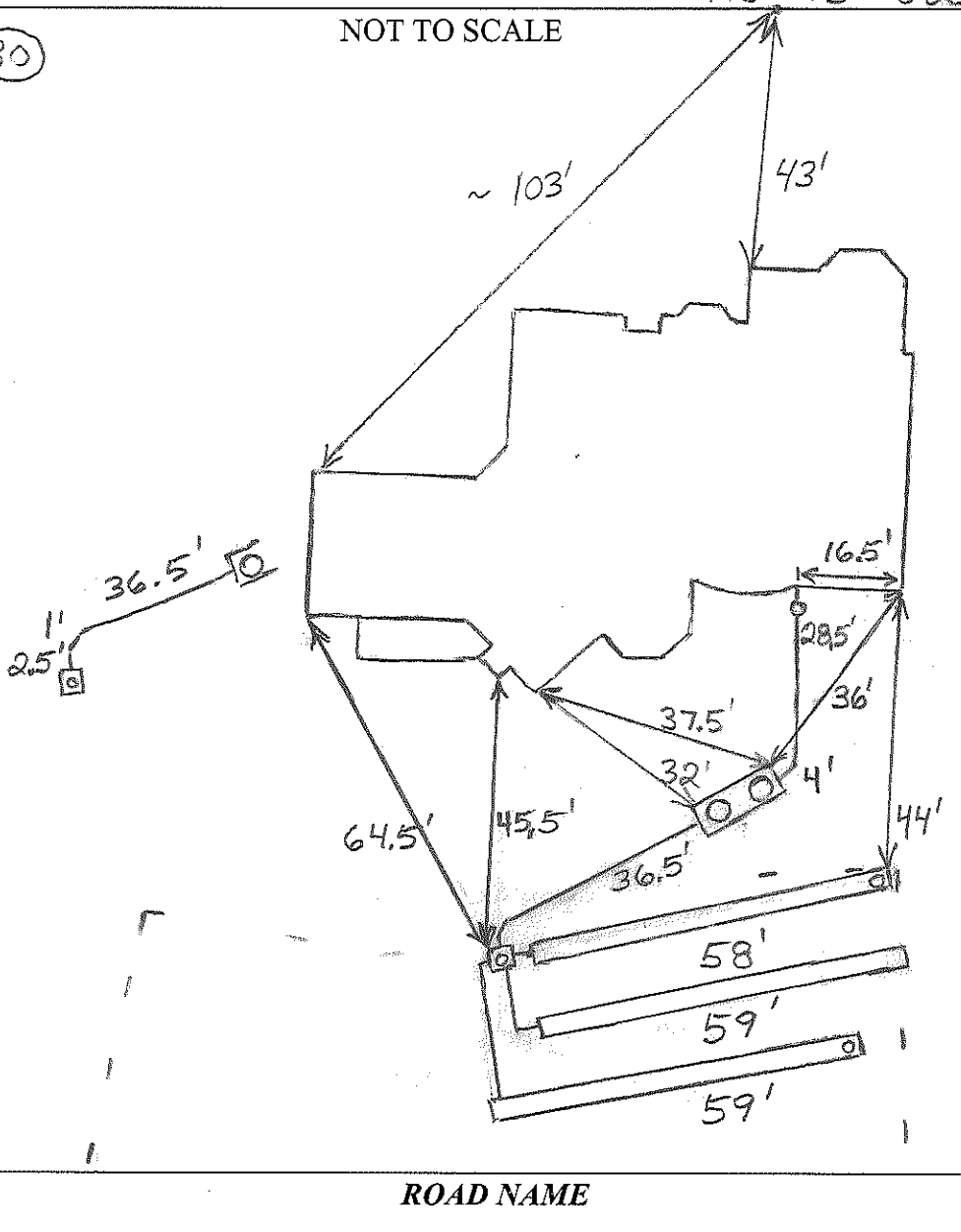
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND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

**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**

HO-95-0232

30

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'-2.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front+Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	1/8/2013
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:

1/8/2013 Layout cancelled. Too much fill on easement. (BB)

1/10/2013 Some fill removed along with original grade in some areas. Almost impossible to determine the original contour. From looking at undisturbed areas it appears that the contour is probably not too different from the B.P. plan. Install three 58' trenches with level

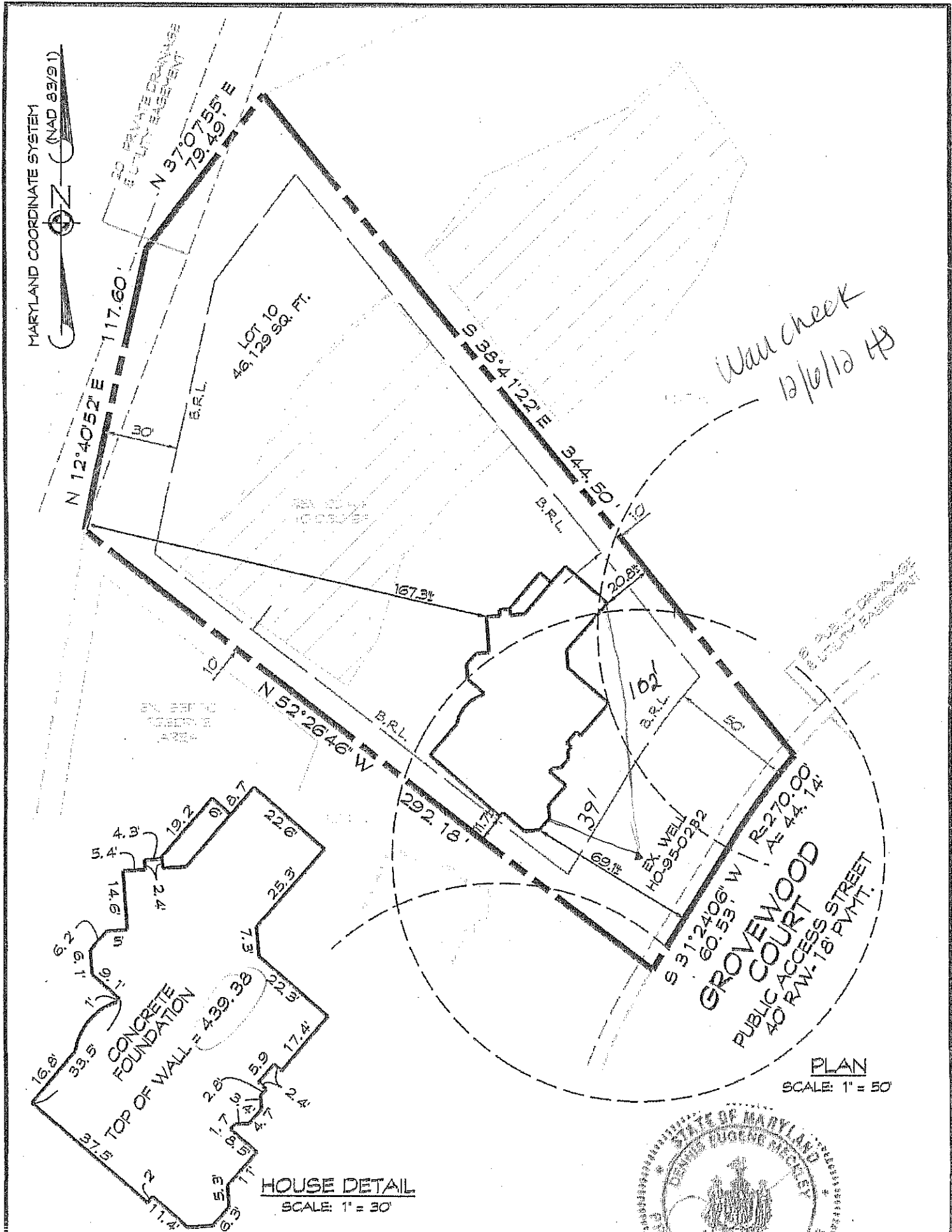
INSTALLATION:

bottoms towards lot 11. Set the box at the top middle of the easement. Use original grade to determine trench depths. Install the tank just above the right side of the septic easement, opposite the side where the proposed pool is supposed to go. (BB)

3/13/2013 Tank installed. Working on trenches. (BB)

3/14/2013 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 3/14/2013



FOUNDATION CERTIFICATION
 LOT 10
 GROVEWOOD COURT

THE PRESERVE AT CLARKSVILLE
 5th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
 RECORDED PLAT # 19216

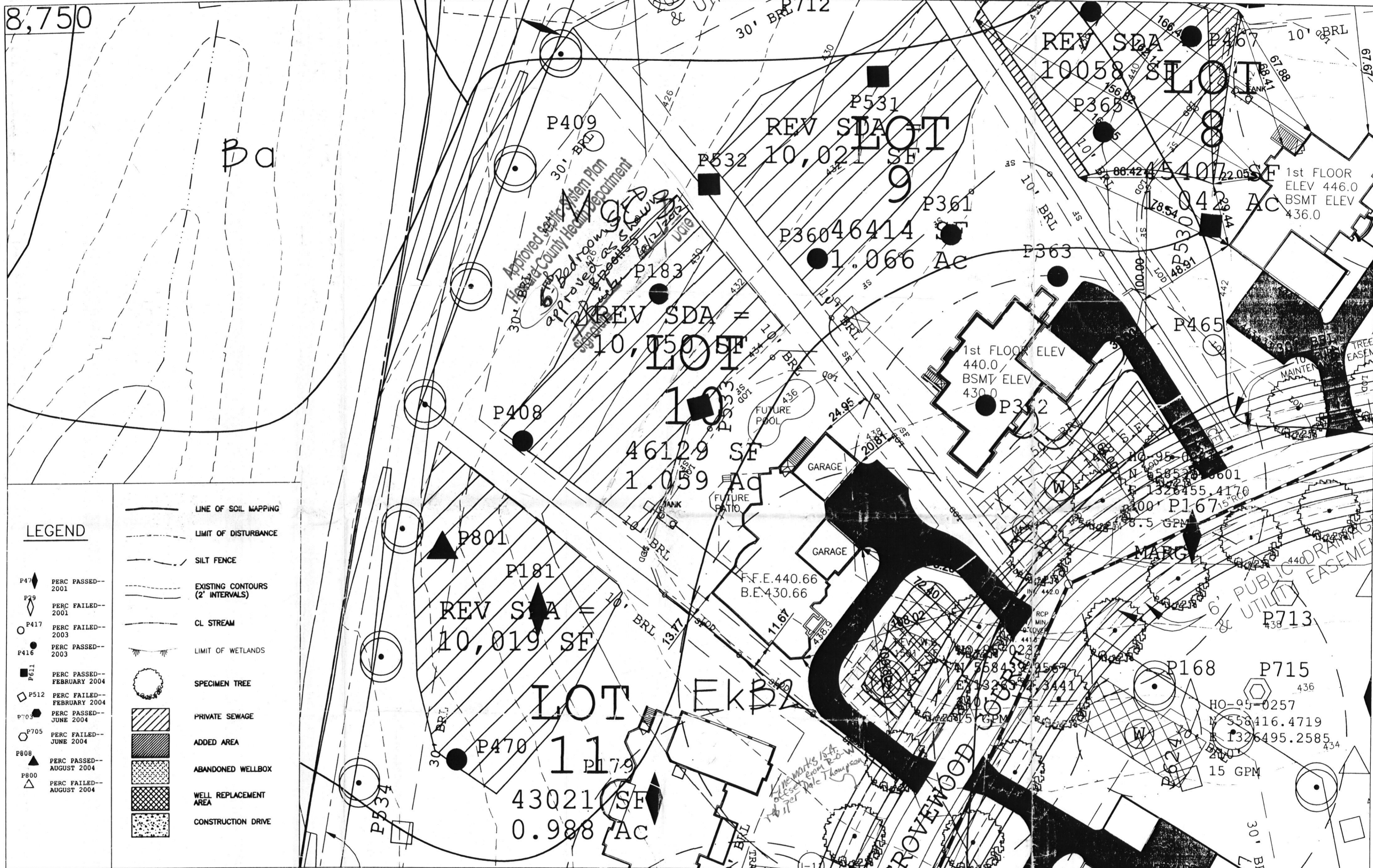
I hereby certify that I have surveyed the property shown hereon for the sole purpose of locating the improvements. This plan is a benefit to the customer only in so far as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. It is not to be relied upon for the establishment of boundary, easement or right-of-way lines for any reason, such as the location of fences, garages, buildings, or other existing or future improvements. Offsets of buildings to property lines are to the nearest foot (1') unless otherwise noted.

By: *Dennis E. Meckley* Date: *7/31/12*
 Dennis E. Meckley Property Line Surveyor No. 10844
 License expires March 29, 2014

A licensed Maryland Surveyor either personally prepared this Location Drawing, or was in responsible charge over its preparation and the surveying work reflected in it, in compliance with the Maryland Minimum Standards of Practice



DRAWN BY: KMB
DESIGN BY:
REVIEW BY: DEM
DATE: 07-30-2012
SCALE: 1" = 50'
JOB NO: 2007035



LEGEND

- P47 PERC PASSED-- 2001
- P29 PERC FAILED-- 2001
- P417 PERC FAILED-- 2003
- P416 PERC PASSED-- 2003
- P11 PERC PASSED-- FEBRUARY 2004
- P512 PERC FAILED-- FEBRUARY 2004
- P705 PERC PASSED-- JUNE 2004
- P705 PERC FAILED-- JUNE 2004
- P808 PERC PASSED-- AUGUST 2004
- P800 PERC FAILED-- AUGUST 2004

- LINE OF SOIL MAPPING
- LIMIT OF DISTURBANCE
- SILT FENCE
- EXISTING CONTOURS (2' INTERVALS)
- CL. STREAM
- LIMIT OF WETLANDS
- SPECIMEN TREE
- PRIVATE SEWAGE
- ADDED AREA
- ABANDONED WELLBOX
- WELL REPLACEMENT AREA
- CONSTRUCTION DRIVE

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
2. THIS AREA IS SHOWN AS PER PREVIOUSLY REVISED AND APPROVED PERC. THE TOPOGRAPHY SHOWN IS TWO-FOOT CONTOUR INTERVALS AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
3. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
4. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWNGRADIENT OF EXISTING OR PROPOSED SEPTIC OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN USING ALL REASONABLE EFFORTS.
5. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT # 10214 ET SEQ. REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
6. THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY A PROFESSIONAL LAND SURVEYOR AND ARE ACCURATELY SHOWN.

SITE SPECIFIC NOTES

1. ALL DRIVEWAY CULVERTS ARE TO BE 15" RCP OR HDPE WITH MINIMUM 6" COVER
2. ANY WELL DRILLED WITHIN 10' OF DRIVEWAY TO BE PROTECTED WITH TWO BOLLARDS.
3. PAVING SPECIFICATIONS: 2" ASPHALT OVER 4" CR-6 OR 2.5" ASPHALT OVER 1.5" OVERLAY

PROPOSED ELEVATIONS:

TOP OF BASEMENT SLAB:	430.66	GRADE AT HOUSE INVERT:	437.0
TOP OF FOUNDATION WALL:	439.48	GRADE AT SEPTIC TANK:	434.5
TOP OF FIRST SUBFLOOR:	440.66	GRADE AT DISTRIBUTION BOX:	434.0
INVERT OUT OF HOUSE:	435.0	GRADE AT TRENCHES:	434.0
INVERT INTO TANK:	433.0		
INVERT OUT OF TANK:	432.5		
INVERT INTO DISTRIBUTION BOX:	432.0		

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY.
Peter Baileman 6/7/2012
 Peter Baileman, M.D., M.P.H.
 HOWARD COUNTY HEALTH OFFICER

I certify that the information shown hereon is based on field work performed under my direct supervision and is correct, to the best of my knowledge and belief.
Dale Thompson 12/14/2012
 Dale Thompson

SEPTIC DESIGN PARAMETERS:

1st Floor Sq. Ft.	2845 sq. ft.
2nd Floor Sq. Ft.	3470 sq. ft.
Basement Sq. Ft.	2845 sq. ft.
Number of Bedrooms	8

TAGGED WELL DATA

TAG NUMBER:	HO-95-0232
NORTHING:	558439.9567
EASTING:	1326372.3441
WELL YIELD:	15 GPM
WELL DEPTH:	240'

OWNER: Patel
BUILDER: Compass Homes
 6206 Heather Glen Way
 Clarksville, MD 21029
SCALE: 1:30
DATE: 4/6/12

PROJECT NAME:
 Patel Residence
 PC-10
 PRESERVE @ CLARKSVILLE
 CLARKSVILLE
 HOWARD COUNTY
 MARYLAND

TITLE:
 PLOT PLAN LOT #10
 12610 Grovewood Court
 Clarksville, Maryland 21029

PURPOSE:
 CONSTRUCTION OF NEW SINGLE FAMILY DETACHED DWELLING AND REVISED WELL BOX TO ALLOW FOR DWELLING LOCATION AS SHOWN