

Bureau of Environmental Health
7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

February 23, 2012

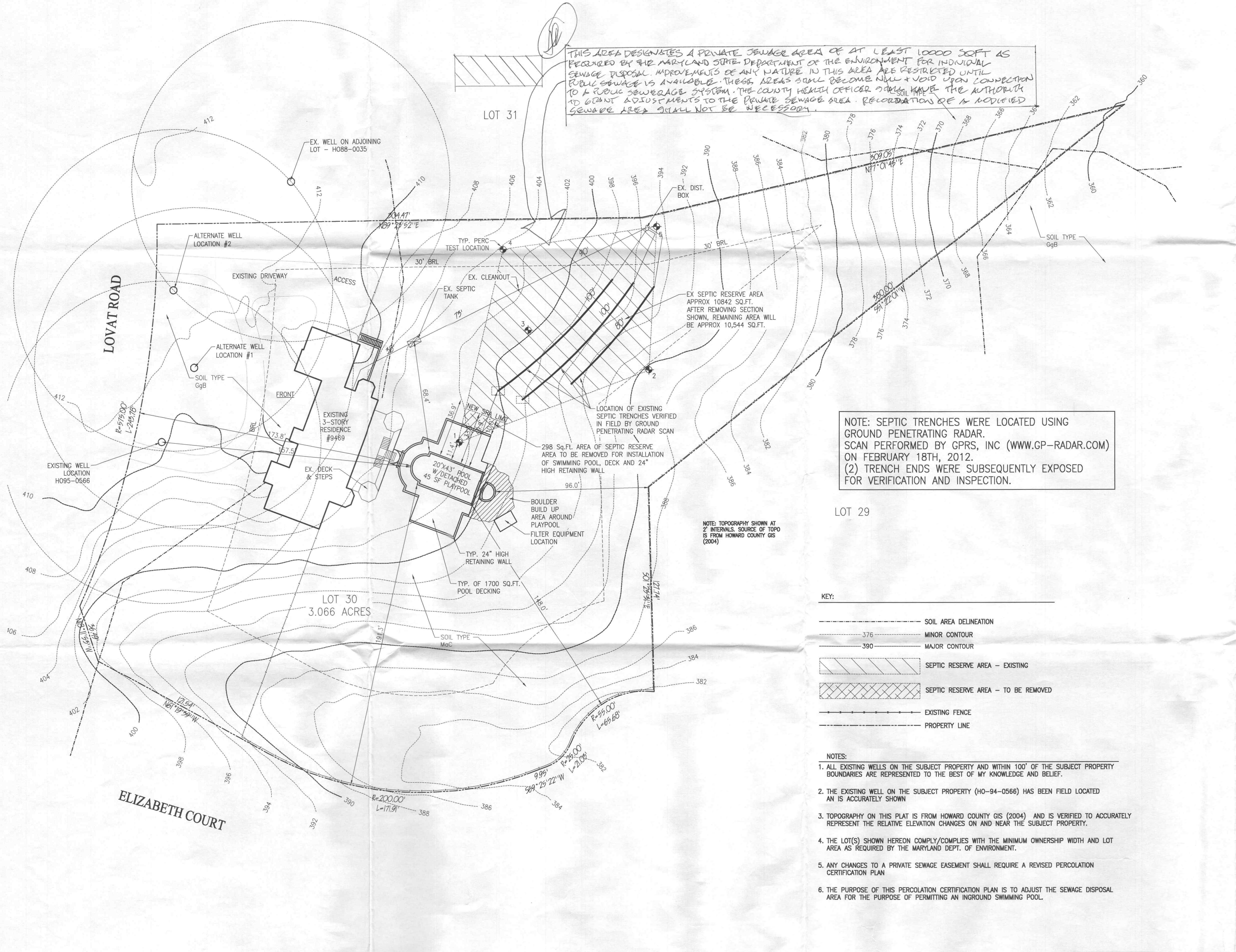
To: John Krowczyk, Elite Pools
From: Robert Bricker, CPSS, REHS/R.S., Environmental Sanitarian Supervisor
Well and Septic Program
RE: 9469 Lovat Road, Perc Cert revision, comment

The following additions, deletions, and/or corrections are required on the submitted Percolation Certification Plan.

1. Number perc test locations per Howard County Health Department records (see accompanying graphic).
2. Add two Alternate Well locations (see accompanying graphic).
3. Add the neighboring well (approximate location per Health Department records shown on accompanying graphic).
4. Add 100-foot radius to each well location. You may hand draw with a compass if your software does not perform this function, or I may add with compass.
5. Correct address on 'Header'.
6. Check spelling in Notes.
7. Add a note stating that distribution trenches were located by Ground Penetrating Radar (GPRS, Inc, 2/??/2012, then 2 trench ends were exposed.

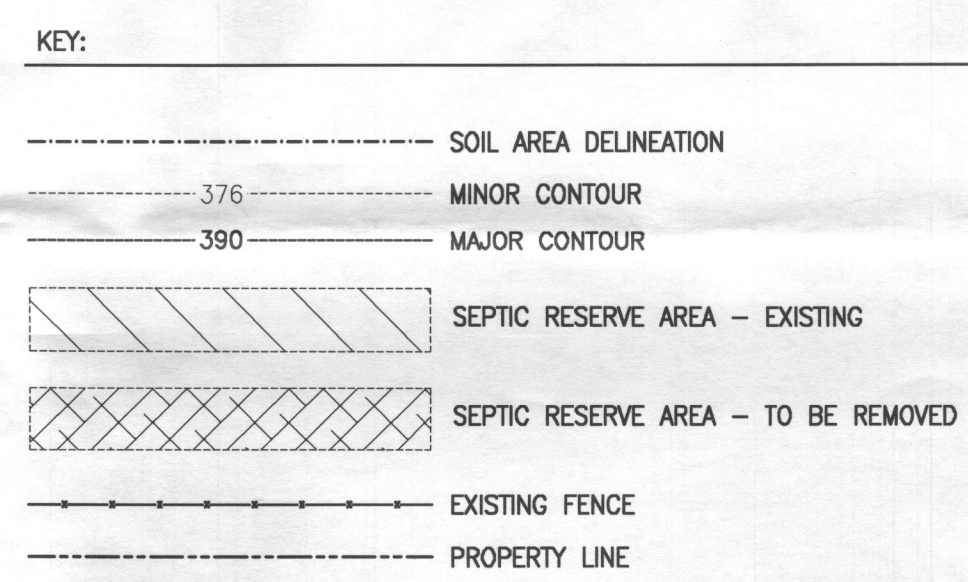
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PERCOLATION CERTIFICATION PLAN, 9469 LOVAT ROAD, FULTON, MD 20759



THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10000 SQFT 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 SEWAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. REORDINATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.

NOTE: SEPTIC TRENCHES WERE LOCATED USING GROUND PENETRATING RADAR. SCAN PERFORMED BY GPRS, INC (WWW.GP-RADAR.COM) ON FEBRUARY 18TH, 2012. (2) TRENCH ENDS WERE SUBSEQUENTLY EXPOSED FOR VERIFICATION AND INSPECTION.



- NOTES:
- ALL EXISTING WELLS ON THE SUBJECT PROPERTY AND WITHIN 100' OF THE SUBJECT PROPERTY BOUNDARIES ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 - THE EXISTING WELL ON THE SUBJECT PROPERTY (HO-94-0566) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
 - TOPOGRAPHY ON THIS PLAN IS FROM HOWARD COUNTY GIS (2004) AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.
 - THE LOT(S) SHOWN HEREON COMPLY/COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPT. OF ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO ADJUST THE SEWAGE DISPOSAL AREA FOR THE PURPOSE OF PERMITTING AN INGROUND SWIMMING POOL.

SITE PLAN
SCALE: 1" = 30'

OWNER SIGNED STATEMENT:
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS:
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. DATE: 3/18/12

VICINITY MAP



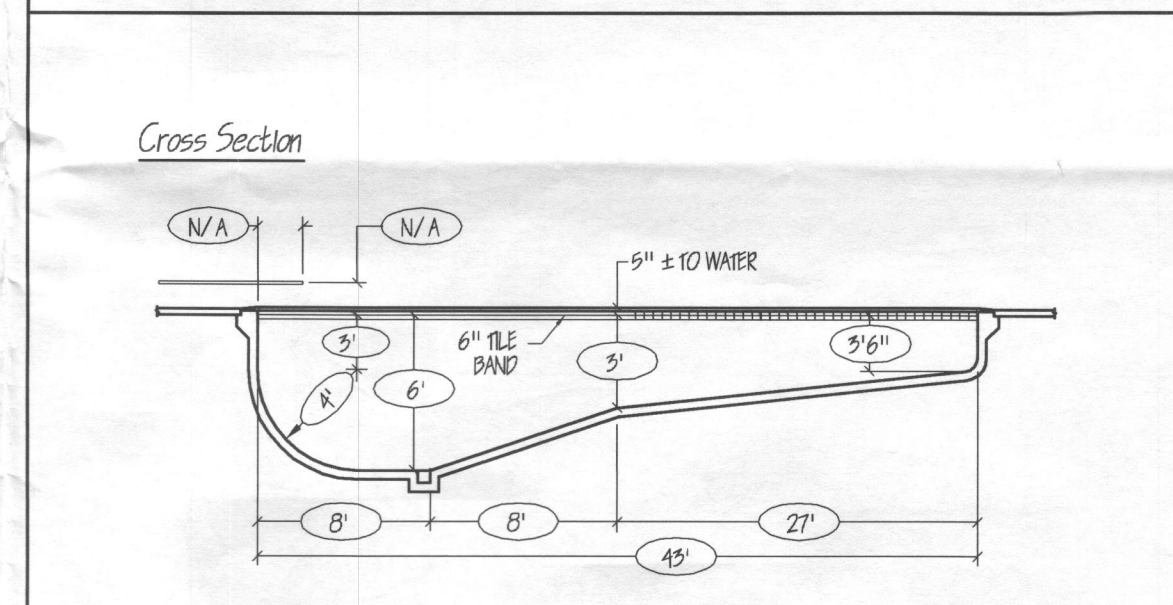
EQUIPMENT LIST

SHELL	
COPING-POOL:	12" BLUESTONE
COPING-OTHER:	12" BLUESTONE
WATERLINE TILE:	TBD
OPTIONAL TILE:	TBD
INTERIOR FINISH:	PEBBLE TEC OR DIAMOND BRITE - COLOR TBD
DEEP END SWIMOUT:	(2) 6" LONG
UNDERWATER BENCH:	NONE
BENCH @ STEPS:	100 SQ.FT. TANNING LEDGE
RAISED BEAM-POOL:	24" HIGH - STONE VENEER FACE
RAISED BEAM-OTHER:	WADING POOL RAISED UP ABOVE POOL
OTHER:	WATER-FALL FEATURE BETWEEN POOL & SPA
SHELL FITTINGS	
LIGHTS-POOL:	(4) PENTAIR INTELLIBRITE LED LIGHT W/LARGE S.S. NICHE
LIGHTS-OTHER:	(1) PENTAIR INTELLIBRITE LED LIGHT W/SMALL S.S. NICHE
MAIN DRAINS-POOL:	(2) ANSC CHANNEL DRAIN
MAIN DRAINS-OTHER:	NONE
SKIMMERS-POOL:	(2) HAYWARD SP-1082
SKIMMERS-OTHER:	NONE
RETURNS-POOL:	(3) WALL RETURNS & (2) FLOOR RETURNS
RETURNS-OTHER:	(3) STAR-RITE FLOOR RETURNS
VACUUM FITTING:	PREPPY KRAMLY FITTING ONLY
HYDRO JETS:	(4) PENTAIR HYDRO-JET FITTINGS
WATER FEATURES:	22 LF. VANISHING EDGE WOOD 5' CATCH BASIN
OTHER:	QUICK CLEAN MAX FLOOR SYSTEM (OPT)
DECK EQUIPMENT	
DIVING BOARD & STAND:	NONE
HANDRAIL:	NONE
RAIL COORDS:	NONE
OTHER:	UMBRELLA SLEEVE IN TANNING LEDGE
FILTER EQUIPMENT	
FILTER:	PENTAIR CLEAN & CLEAR 420 CARTRIDGE
PUMP:	PENTAIR VS-3000 INTELLIFLOW
CLEANING SYSTEM:	PLATINUM LEGEND
TREATMENT SYSTEM:	PENTAIR INTELLICOLOR IC-40
CONTROL SYSTEM:	PENTAIR EASY TOUCH 8 WITH PAD WIFI
HEATER:	NONE - CONNECTIONS FOR SOLAR HEAT
SPA AIR BLOWER:	PLANS OF 24"
OTHER:	PENTAIR VS-3000 INTELLIFLOW (WATERFALL)
APPLURTENANCES	
DECKING:	TBD
FENCE:	EXISTING
RETAINING WALLS:	TBD
ELECTRIC:	BONDING & WIRING

POOL/SPA DATA

DIMENSIONS	20' x 43' POOL & 7' x 10' WADING POOL
PERIMETER	120 Ln.Ft. POOL / 27 Ln.Ft. WADING POOL
SURFACE AREA	800 Sq.Ft. POOL / 55 Sq.Ft. WADING POOL
GALLONAGE	25,300 GAL. POOL / 800 GAL. WADING POOL
DEPTHS	3'-6" TO 5' TO 7' POOL / 3' WADING POOL
FILTER RATE	70 GPM
TURNOVER TIME	6 HOURS
POOL DECK AREA	TBD

SWIMMING POOL PROFILE



JOB NOTES

PROPERTY OWNER: ERIC D. WACHSMAN
PROPERTY OWNER ADDRESS: 9469 LOVAT ROAD
FULTON, MD 20759-9638

HOME PHONE: 301-776-7895
OFFICE PHONE:
CELL PHONE:

LOT NUMBER: 30 - SECTION 3
SUBDIVISION NAME: WILLIAMS CONTRIVANCE ESTATES
TAX MAP: 45
GRID & PARCEL: GRID 6, PARCEL 2
TAX ACCOUNT NUMBER: 405696

ELECTION DISTRICT: 5
ZONING:
UTILITIES: PRIVATE WELL & SEPTIC

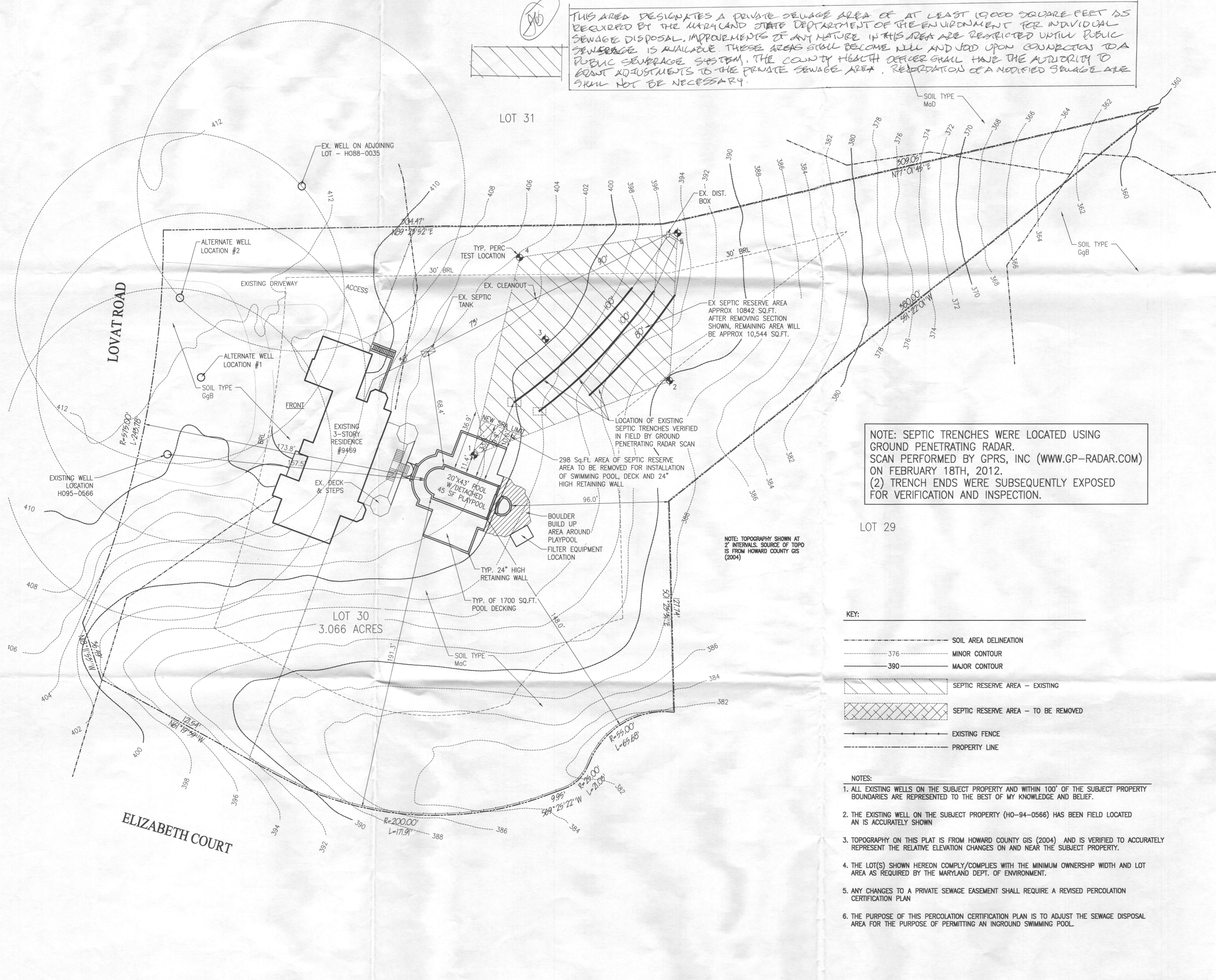
REVISIONS
2/24/2012
PER HD COMMENTS
DATED 2/23/2012

ElitePools
DREAM BUILD ENJOY
300 E. Lombard Street
Suite 440
Fulton, MD 21732
410-688-6666 (toll free)
410-688-6666 (local)
www.elitepools.com
MERS# 77393

Wachsman Residence
9469 Lovat Road
Fulton, Maryland

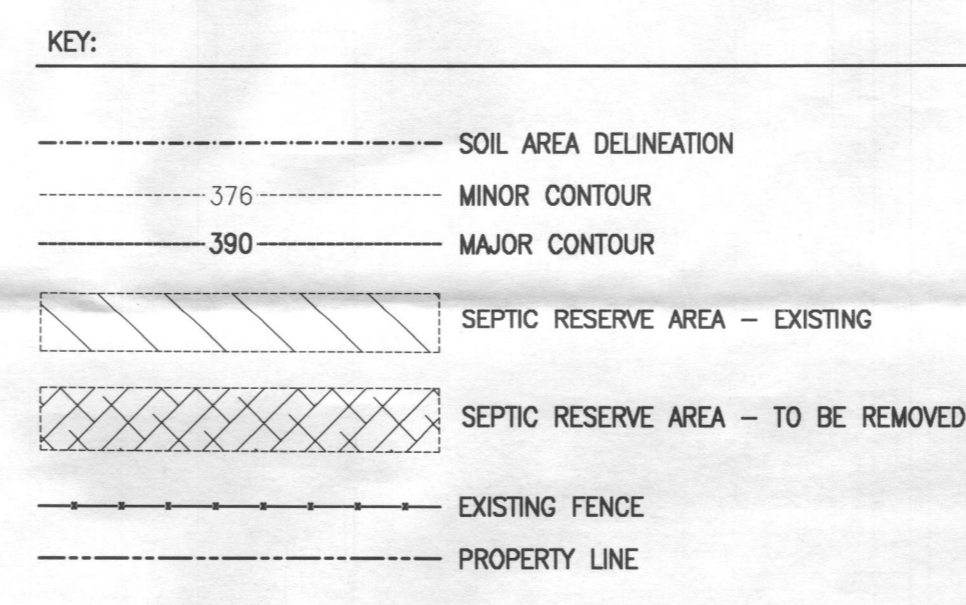
Date: 2/7/2012
Scale: 1" = 30'
Drawn: JEK
Job: EPM2011-0188
Sheet: 1 of 1

PERCOLATION CERTIFICATION PLAN, 9469 LOVAT ROAD, FULTON, MD 20759



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 ILL 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. RECONSTRUCTION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.

NOTE: SEPTIC TRENCHES WERE LOCATED USING GROUND PENETRATING RADAR. SCAN PERFORMED BY GPRS, INC (WWW.GP-RADAR.COM) ON FEBRUARY 18TH, 2012. (2) TRENCH ENDS WERE SUBSEQUENTLY EXPOSED FOR VERIFICATION AND INSPECTION.



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SITE PLAN
SCALE: 1" = 30'

OWNER SIGNED STATEMENT:
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APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS:
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. DATE: 2/23/2012

VICINITY MAP



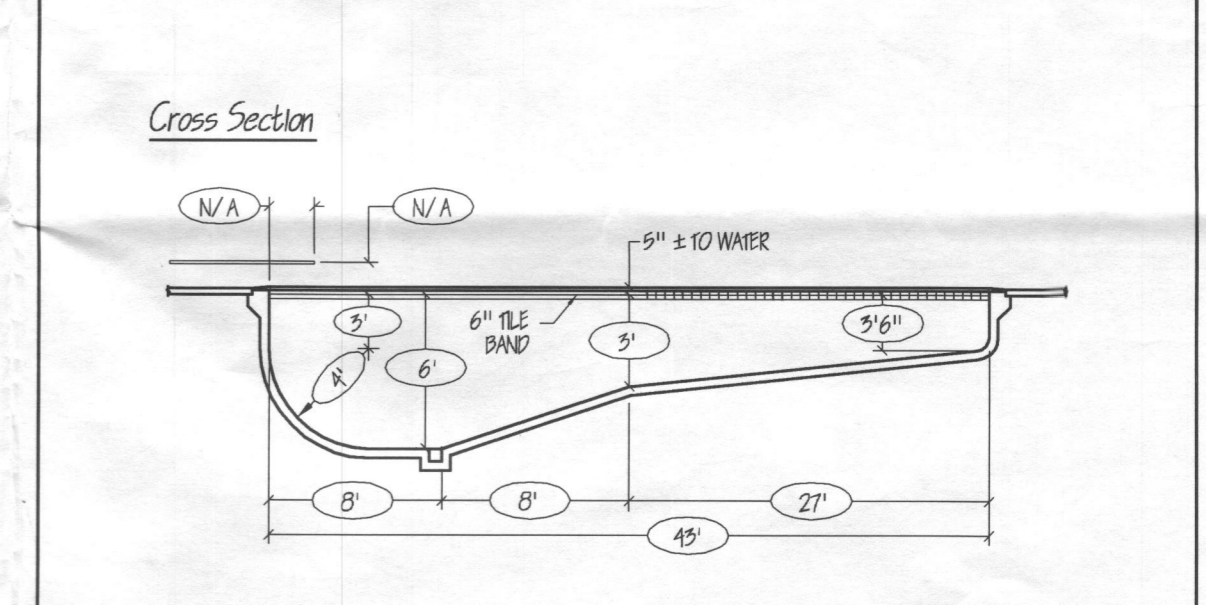
EQUIPMENT LIST

SHELL	
COPING-POOL:	12" BLUESTONE
COPING-OTHER:	12" BLUESTONE
WATERLINE TILE:	TBD
OPTIONAL TILE:	TBD
INTERIOR FINISH:	PEBBLE TEC OR DIAMOND BRITE - COLOR TBD
DEEP END SWIMOUT:	(2) 6' LONG
UNDERWATER BENCH:	NONE
BENCH @ STEPS:	(10) SQ. FT. TANNING LEDGE
RAISED BEAM-POOL:	24" HIGH - STONE VENER FINE
RAISED BEAM-OTHER:	WADING POOL BASED UP ABOVE POOL
OTHER:	WATERFALL FEATURE BETWEEN POOL & SPA
SHELL FITTINGS	
LIGHTS-POOL:	(4) PENTAIR INTELLIBRITE LED LIGHT W/LARGE S.S. NIDE
LIGHTS-OTHER:	(1) PENTAIR INTELLIBRITE LED LIGHT W/SALL S.S. NIDE
MAIN DRAINS-POOL:	(2) AISC CHANNEL DRAIN
MAIN DRAINS-OTHER:	AISC CHANNEL DRAIN
SKIMMERS-POOL:	(2) HAYWARD SP-168Z
SKIMMERS-OTHER:	NONE
RETURNS-POOL:	(3) WALL RETURNS & (2) FLOOR RETURNS
RETURNS-OTHER:	(3) STAIR-TIE FLOOR RETURNS
VACUUM FITTING:	KREPPY KRAVY FITTING ONLY
HYDRO JETS:	(4) PENTAIR HYDRO-JET FITTINGS
WATER FEATURES:	22 LF. VANISHING EDGE W/800 SQ' CATCH BASIN
OTHER:	QUICK CLEAN MAX FLOOR SYSTEM (QPT)
DECK EQUIPMENT	
DIVING BOARD & STAND:	NONE
HANDRAIL:	NONE
RAIL GOODS:	NONE
OTHER:	UMBRELLA SLEEVE IN TANNING LEDGE
FILTER EQUIPMENT	
FILTER:	PENTAIR CLEAN & CLEAR 120 CARTRIDGE
PUMP:	PENTAIR VS-3500 INTELLIFLOW
CLEANING SYSTEM:	PLATINUM LEGEND
TREATMENT SYSTEM:	PENTAIR INTELLICOLOR IC-10
CONTROL SYSTEM:	PENTAIR EASY TOUCH 4 WITH IPAD WIFI
HEATER:	NONE - CONNECTIONS FOR SOLAR HEAT
SPA AIR BLOWER:	POLARS OF 2HP
OTHER:	PENTAIR VS-3500 INTELLIFLOW (WATERFALL)
APPROPRIENANCES	
DECKING:	TBD
FENCE:	EXISTING
RETAINING WALLS:	TBD
ELECTRIC:	BONDING & WIRING

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REVISIONS

2/24/2012

PER HD COMMENTS

DATED 2/23/2012

ElitePools
DREAM BUILD ENJOY

Aquatic Consultants • Site Design/Build • Master Planning
300 E. Lombard Street
Baltimore, MD 21202
410-528-6600 (cell)
410-528-6608 (fax)
www.elitepools.com
MPC# 71793

Wachsman Residence
9469 Lovat Road
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Date: 2/7/2012
Scale: 1"=30'
Drawn: JEK
Job: EPM2011-0188
Sheet: Of
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