

LAYOUT 2/21/06 INSP 4 _____
LAYOUT 2
INSP 2 3/7/06 INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 9/22/05

P 523361

APPROVAL DATE: 3/8/06

A 513646-Z

PERMIT

TAX ID #05-434157

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

S.V. Enterprises IS PERMITTED TO INSTALL ALTER

ADDRESS: 12570 Hall Shop Rd., Fulton MD 20759 PHONE NUMBER: 301-854-9027

SUBDIVISION: Pindell Woods LOT NUMBER: 27

ADDRESS: 7013 Meandering Stream Way PROPERTY OWNER: Eshelman

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

PUMP CHAMBER CAPACITY (GALLONS): n/a COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 100 HOUSE SERVED BY PUBLIC WATER

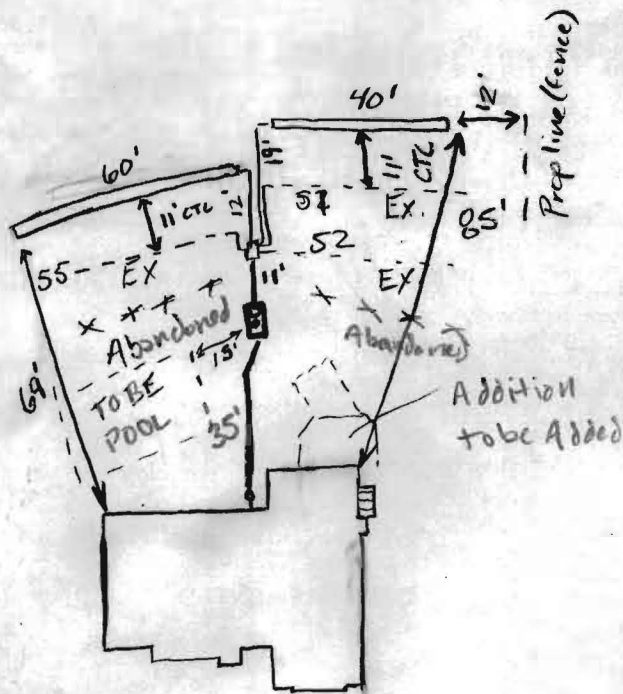
TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Disconnect the two highest trenches. Install two more trenches 50' long each 10' center to center of the existing middle trenches to remain.
NOTES:	Purpose of permit is for future pool location. Pool location no closer than 20' to trenches in order to support building permit approval for the pool. Building permit to be signed after pool layout staked & 20' setback requirement confirmed.

PLANS APPROVED: Kacie Noonan Reviewed by: _____ DATE: 10/6/05

NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE



Meandering Stream Way ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	7'
NUMBER OF TRENCHES <u>2 new 3 exist</u>		
TOTAL LENGTH <u>100' new</u>		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL <u>yes</u>		
DISTRIBUTION BOX BAFFLE <u>yes</u>		
DISTRIBUTION BOX PORT <u>no</u>		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL _____	
CAPACITY _____	GAL
SEAM LOC _____	
TANK LID DEPTH _____	
BAFFLES <u>Existing</u>	
BAFFLE FILTER _____	
MANHOLE LOC _____	
6" PORT LOC _____	
WATERTIGHT TEST _____	
SEPTIC TANK 2 LEVEL _____	
CAPACITY _____	GAL
SEAM LOC _____	
TANK LID DEPTH _____	
BAFFLES _____	
BAFFLE FILTER _____	
MANHOLE LOC _____	
6" PORT LOC _____	
WATERTIGHT TEST _____	

PRE-CONSTRUCTION See pink page dated 2/21/06. 3/7/06 abandon the two topmost trenches as allowed for in permit to support BP for pool & Sunroom addition

INSTALLATION install 1x60' trench & 1x40' trench to the appropriate sides of the basement to make up for abandonment of uppermost trenches. (GAC) Run trenches 9" or 8 1/2" edge to edge. (GAC) Pool layout now appropriate.

3/8/06 Final inspection system upgrade installed per instruction 2 uppermost trenches abandoned, extra 2 added below existing. OK for BP(s). (GAC) All setbacks met at this time from painted outline of proposed additions. (GAC)

FINAL INSPECTOR Sahil A. Lang DATE OF APPROVAL 3/8/06

FILE INQUIRY FORM

Property Address: 2/21/06 Went to site for

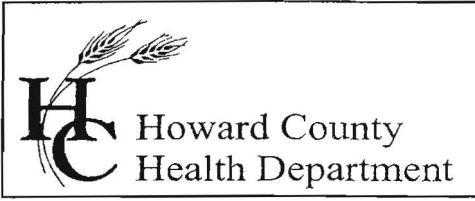
layout for additional 2 trenches to be added to allow for pool/sunroom BP. Homeowner staked and painted outline of these areas

Sunroom to have a basement w/ walkout - walkout ~ 10' from Septic Tank. Pool is staked out 12' from Septic tank. I told homeowner that this is unacceptable. must maintain 15'

Homeowner wants to abandon upper 2 trenches ~~on~~ right side of easement when looking ~~at~~ w/ back to road. Told him this won't buy space he needs ~~to~~ to move tank 15' from pool. To do this would need to abandon upper 4 trenches. This

would sacrifice too much area. Appears that further SDA adjustment is not feasible. Told Contractor not to do any work unless ~~as~~ permitted and laid out at this time ~~OK~~

All setbacks were met at this time



7178 Columbia 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

Penny E. Borenstein, M.D., M.P.H., Health Officer

February 2, 2005

Douglas Eshelman
7013 Meandering Stream Way
Fulton, MD 20759

Re: Pool and Sunroom Proposal
SDA Adjustment
7013 Meandering Stream Way

Dear Mr. Eshelman,

Review of your adjustment of the septic area for the construction of a pool and sunroom appear to meet COMAR regulations. Current SDA is approximately 11, 198 square feet. Your proposal to relocate two trenches and place the pool and sunroom in the vicinity of the upper SDA removes a total of 1,110 feet more or less. Approximately 450 square feet can be added to the lower left hand corner of the SDA but no more due to steep slopes.

By allowing the adjustment of the septic area, future increase in bedrooms may not be allowable unless trench layout proves otherwise. In order to accommodate any future increase in flow, we recommend the two relocated trenches to be slightly deeper than necessary to allow more sidewall adsorption area.

Enclosed is a copy of the site plan, to scale. Resubmit an official copy of the location of the pool and sunroom, grading around them, and the new location of the septic tank with inverts. Once our office receives the plan, we may issue the septic upgrade permit upon payment of \$395.00, check written to Director of Finance.

If you have any questions, you may contact me directly at 410-313-1775. Thank you for your time in this important matter.

Sincerely,

A handwritten signature in cursive script that reads 'Kacie Noonan'.

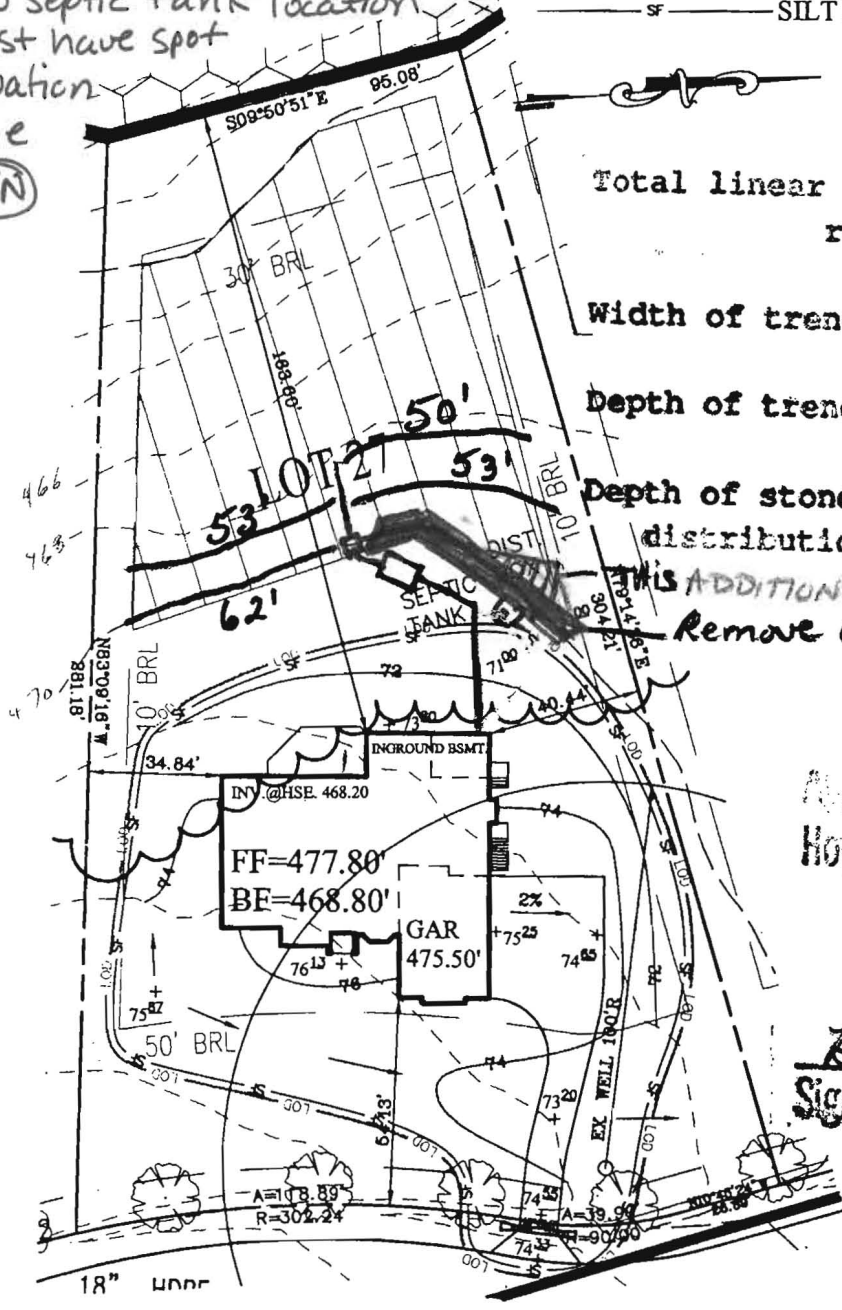
Kacie Noonan, R.S.
Well and Septic Program

Cc: file

12-8-C1, SDA SHOWN = 11,198.772 **A** CALCULATIONS AND ADJUSTMENTS
 support removing a high trench & relocating new trench lower

Called \bar{o} for plan submittal.
 New septic tank location
 must have spot
 elevation
 done
 (KN)

— LOD — LIMITS OF DISTURBANCE
 — SF — SILT FENCE



Total linear feet of trench required **280** feet
 Width of trench(es) **3.0** feet
 Depth of trench(es) **6.0** feet
 Depth of stone required below distribution pipe **2.0** feet

This ADDITIONAL AREA MAY BE REMOVED
 Remove 62' x 5' = 31 of 42

Engineers
 Planners
 Surveyors
 Landscape Architects
 10001 Dereckwood Lane, Suite 100
 Lanham, MD 20706
 (301) 731-5551 Fax: (301) 731-0188

Dewberry & Davis LLC
 A Dewberry Company
 804 West Diamond Avenue, Suite 200
 Gaithersburg, MD 20878-1414
 (301) 948-8300 Fax: (301) 258-7607

Howard County Health Department

Brian Baker 5/6/02
 Signature

PAVING SPECIFICATION:
 2' ASPHALT 4' CR-6 OR
 2.5' ASPHALT 1.5' OVERLAY

PROPOSED:
 FIRST FLOOR: 477.80
 BASEMENT: 468.80
 INVERT OUT OF HOUSE: 468.20
 INVERT INTO SEPTIC TANK: 467.50
 INVERT INTO DIST. BOX: 467.00
 INVERT INTO TRENCHES: 467.00
 GRADE@SEPTIC TANK: 471.00
 GRADE@DIST. BOX: 470.00
 GRADE@TRENCHES: 470.00
 ELEVATION OF WELL@GRADE

HOUSE MODEL
 ESHELMAN RESIDENCE
 DATE: MARCH 22, 2002
 SCALE: 1"=50'
 PLAT REFERENCES
 LIBER/FOLIO:
 PLAT BOOK:
 PLAT NO. FOLIO:

LOT 27, PINDELL WOODS LOTS 1 THRU 47
 AND PRESERVATION PARCELS A THRU F
 OWNER/BUILDER:
 DALE THOMPSON BUILDERS
 6300 WOODSIDE COURT
 COLUMBIA, MD 21045
 (410) 995-6736

PLOT PLAN
 SINGLE FAMILY
 DWELLING
 7013
 7025 MEANDERING STREAM WAY
 LOT 27 PINDELL WOODS
 HOWARD COUNTY, MARYLAND

DOUGLAS F. ESHELMAN
7013 MEANDERING STREAM WAY
FULTON, MD 20759-2303
PH: 410-456-0999
FAX: 410-944-3684

January 10, 2005

VIA HAND DELIVERY

Mr. John Boris
Director, Bureau of Environmental Health
Howard County Health Department
7178 Columbia Gateway Drive
Columbia, MD 21046

RE: 7013 Meandering Stream Way - Permanent Residence

Dear Mr. Boris:

I would like to ask your permission to reduce my septic reserve area ("SRA") in order to accommodate a sunroom and pool, which I would like to construct this coming Spring at my residence.

I have had recent discussions with KC Noonan from your office regarding this matter. She scaled off my current SRA at 11,198 square feet and indicated on the marked-up plot plan that I could relocate to the rear of the 50' trench, the 62' trench immediately to the right of the distribution box ("DB"). Upon further review, I would like to additionally relocate to the rear of the 53' trench on the left, the 62' trench to the left of the DB. This would allow me to also relocate that much further to the rear of my lot, the septic tank and DB (I am enclosing a copy of the as-built which indicates the true location of these facilities). I've attached a preliminary pool design illustrating this improvement parallel to the existing SRA. Together with pool patio decking, this design is fairly tight. Relocating the 62' trench and removing the corresponding SRA would provide relief on this issue. I assume I have a surplus of 1,198 square feet of SRA which I could loose (10,000 square feet SRA being the minimum). If I needed to pick-up some additional SRA, it appears that I have an unused area of approximately 500 square feet located within the left rear corner of my lot that per the contour looks to be of even less slope than other spot areas within the SRA.

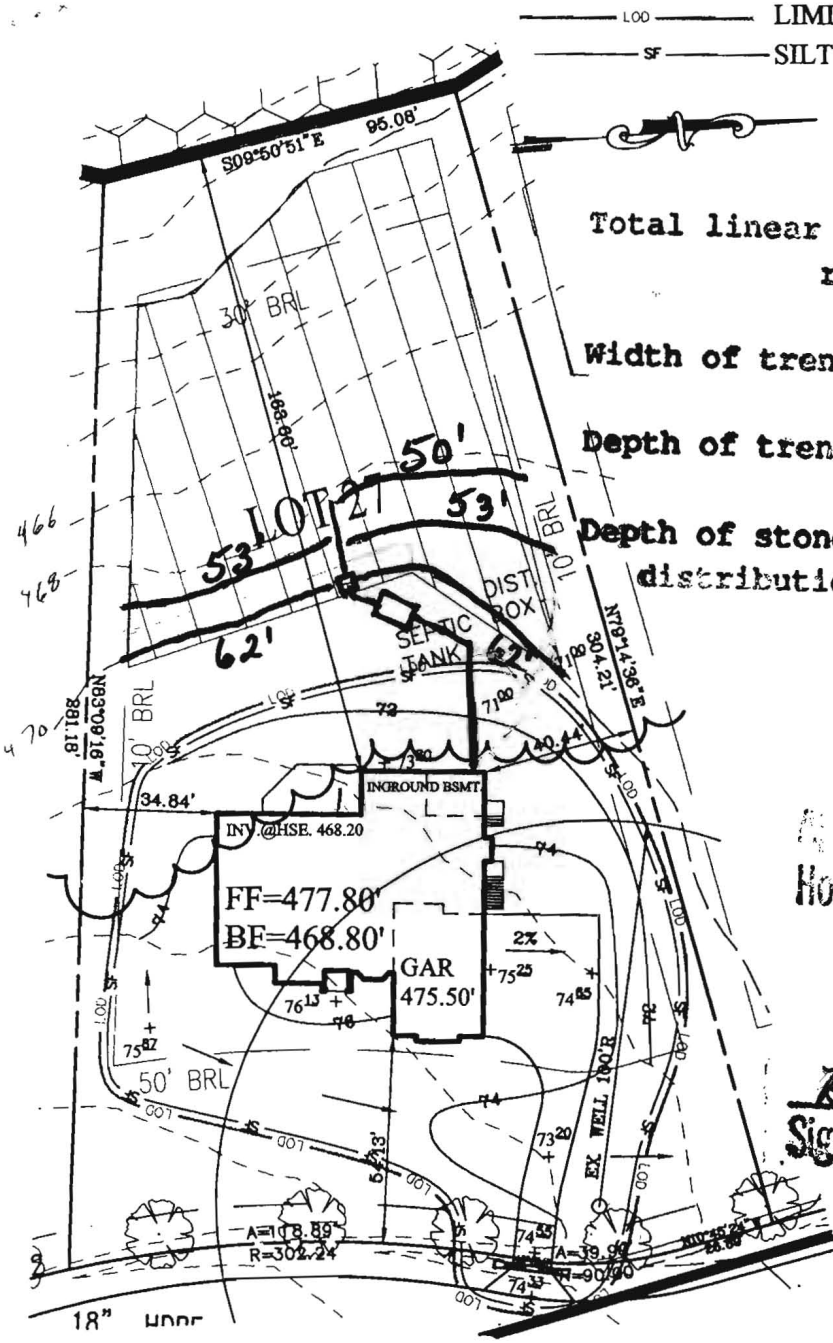
In summary, essentially my request centers on vacating the portion of the SRA between the two (2) 53' trenches and my house footprint and if needed, squaring off the SRA in the left rear corner of my lot. Thank you in advance for your attention to this matter and should you have any questions upon review, please contact me at the phone number listed above.

Yours Truly,



Douglas F. Eshelman

:dfe



— L00 — LIMITS OF DISTURBANCE
 — S — SILT FENCE

Total linear feet of trench required **280** feet
 Width of trench(es) **3.0** feet
 Depth of trench(es) **6.0** feet
 Depth of stone required below distribution pipe **2.0** feet

Dewberry & Davis LLC
 Engineers
 Planners
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Brian Baker 5/6/02
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 PLAT BOOK:
 PLAT NO. FOLIO:

LOT 27, PINDELL WOODS LOTS 1 THRU 47
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PLOT PLAN
 SINGLE FAMILY
 DWELLING
 7013
 7025 MEANDERING STREAM WAY
 LOT 27 PINDELL WOODS
 HOWARD COUNTY, MARYLAND

LAYOUT 8/19/02 2:00 INSP 4 9/18/02 NOON
 INSP 2 9/16/02 11AM INSP 5 _____
 INSP 3 9/17/02 2:00 INSP 6 _____

ISSUE DATE: 6/24/2002

P 517326

APPROVAL DATE: 9/18/02

A 513646-2

PERMIT INDEXED

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Pindell Wood's LOT NUMBER: 27

ADDRESS: 7013 Meadering Stream PROPERTY OWNER: Dale Thompson Builders

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

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

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 280 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box in the uppermost center of the septic easement as shown on the building permit plan. Run trenches on contour in both directions.
NOTES:	Trenches should be 10' center to center.

PLANS APPROVED: Brian Baker OK 6/11/02 (SC) DATE: 5/06/2002

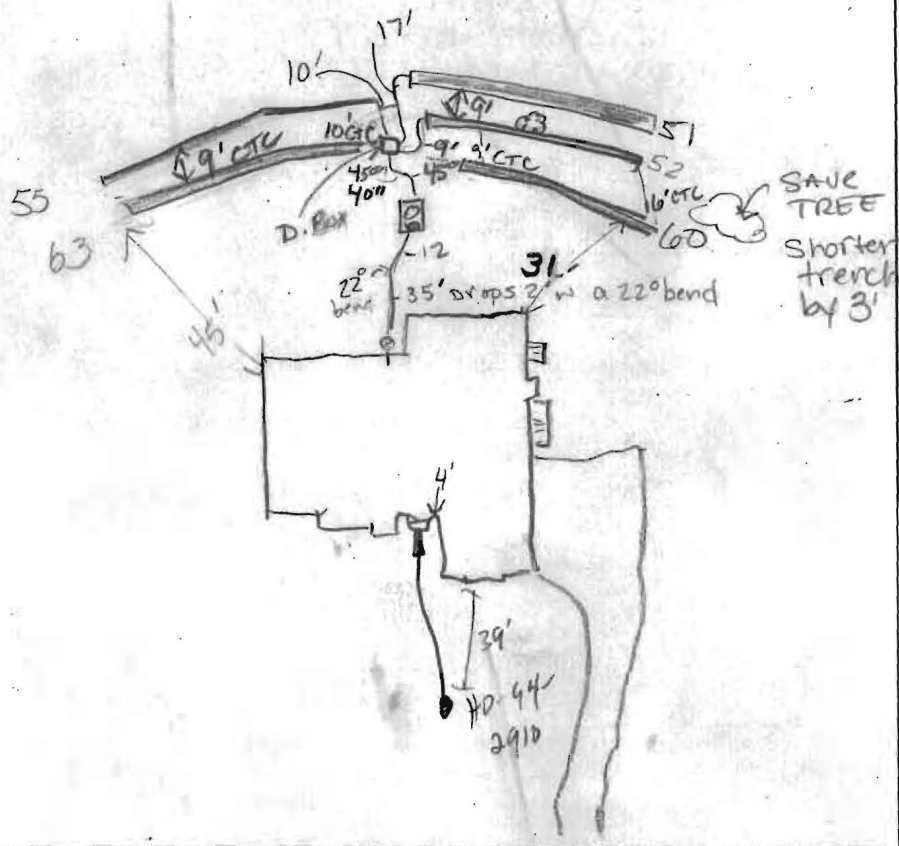
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
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 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

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 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

7-012010-2

NOT TO SCALE

INDEXED



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6"
NUMBER OF TRENCHES		5'
TOTAL LENGTH		277'
ABSORPTION AREA		831 ft ²
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		—

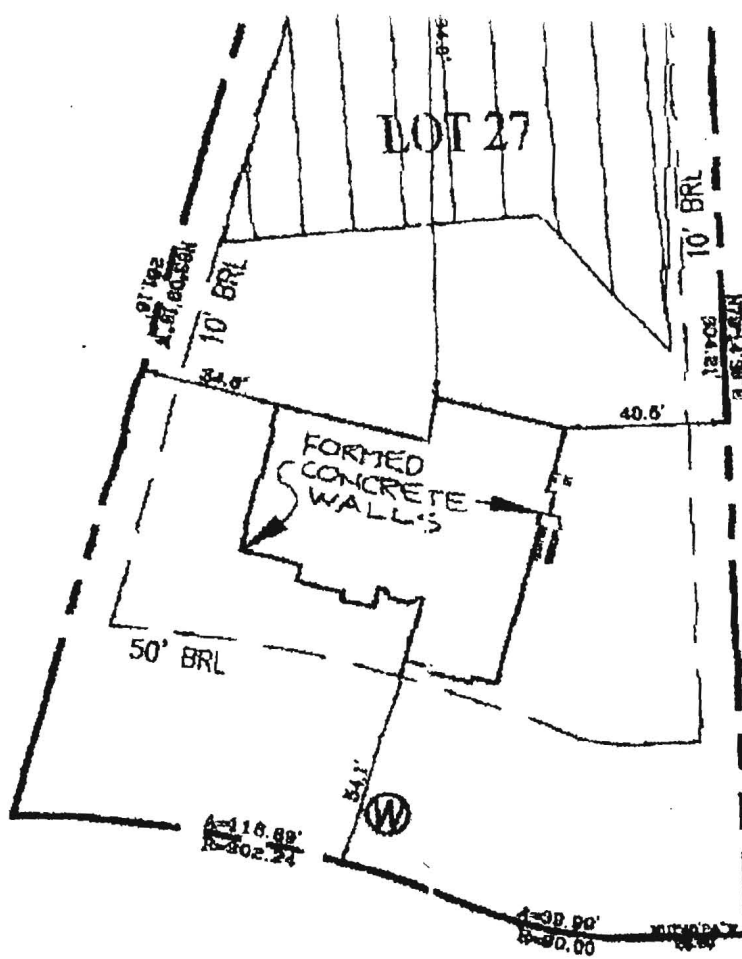
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	yes
CAPACITY	1250 GAL
SEAM LOC	TOP
TANK LID DEPTH	2'
BAFFLES	yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	fund
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

MEANDERING STREAM WAY ROAD

PRE-CONSTRUCTION 8/19/02 lot staked, house corner changed, trench layout per BP. (SO) 9/16/02 2nd layout, same as before (SO)

INSTALLATION 9/17/02 OKAY TO COVER two trenches OK TO SHORTEN TRENCH ON RIGHT SIDE CLOSEST TO DRIVEWAY TO SAVE the tree - Ron wants 3' - OK'd. Ensure D.Box is cleaned out & water test (KN) 9/18/02 3 trenches installed - OK TO COVER. D.B. level. OK'd moving trench on right 1 foot closer to house to save tree per owner's request. Shot contour with contractor. OKAY TO COVER ALL WORK (KN)

FINAL INSPECTOR K Noonan DATE OF APPROVAL 9/18/02



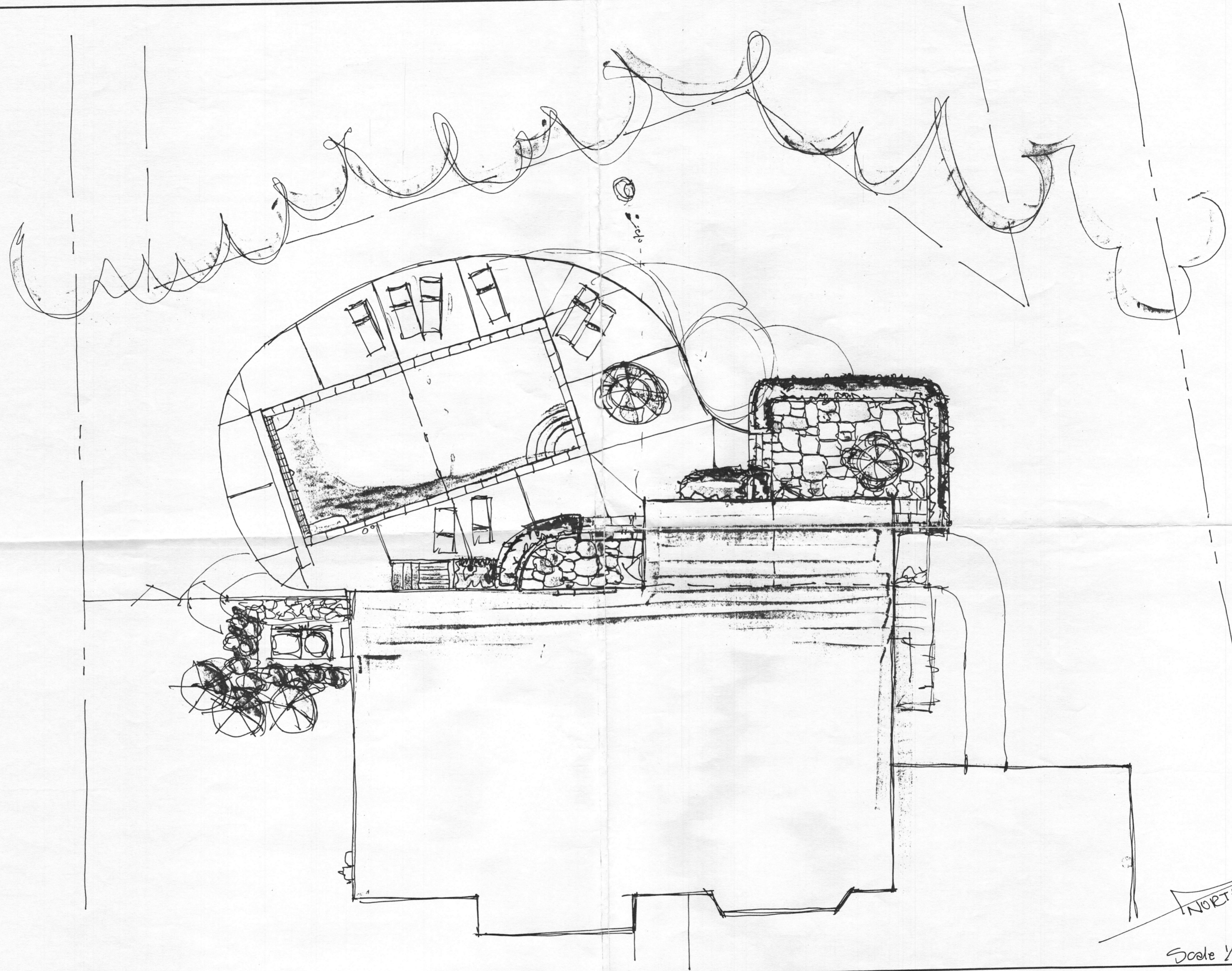
6/24/02-
Wall Check
OK
SRK

PLAN
NOT
TO SCALE



TOP OF WALL ELEVATION=476.0'

RECORD REFERENCES	WALL CHECK	MARKS & ASSOCIATES L.L.C. SURVEYORS—LAND PLANNING—CONSULTANTS
LIBER/FOLIO PLAT BOOK/FOLIO PLAT NO.	LOT 27 PINDELL WOODS	4531 COLLEGE AVENUE ELlicOTT CITY, MARYLAND TELEPHONE (410) 747-8736 FAX (410) 747-8737 I HEREBY CERTIFY THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN HEREON AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.
SCALE: 1"=80' DATE: JUNE 14, 2002	HOWARD COUNTY, MARYLAND	<i>Erik C. Marks</i> ERIK C. MARKS R.P.L.S. NO. 607



MPM CONSTRUCTION CO. INC. BUILDERS OF

MARYLAND POOLS

9515 GERWIG LANE - SUITE 119
COLUMBIA, MARYLAND 21046
410-995-6600 BALTIMORE
301-621-3319 WASHINGTON
410-369-0667 Joe Kruger

Doug & Brenda Echelman
7013 Meandering Stream Way Fulton md