

LAYOUT 5/8/07 (KW) INSP 4 5/23/07 (KW)
 INSP 2 5/21/07 (KW) INSP 5 _____
 INSP 3 5/23/07 (KW) INSP 6 _____

ISSUE DATE: 5/8/07
 APPROVAL DATE: 5/23/07 (KW)
 P 526690
 A REPAIR

PERMIT

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

410-596-3618

SOUTH CARROLL BACKHOE IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: 443-286-8659

SUBDIVISION: Brantwood Section I LOT NUMBER: 23

ADDRESS: 3105 Argent Path PROPERTY OWNER: David VanStone

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

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

NUMBER OF BEDROOMS: N/A A LAYOUT INSPECTION IS REQUIRED

SQUARE FEET PER BEDROOM: N/A

LINEAR FEET OF TRENCH REQUIRED: 186 50' Minimum
Need to Add 50' Trench. (KW)

Add visible S.W. to new spec's

TRENCHES:	Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 3 feet of stone below distribution pipe.
LOCATION:	IF ADDITIONAL TRENCHES ARE REQUIRED TO MEET THE MINIMUM 186 FEET REQUIRED, THE LENGTH SHALL BE ADDED IN THE AREA DIRECTLY BELOW THE SEPTIC TANK IN A MANNER TO ATTAIN A MINIMUM OF 40 FEET OF TRENCH LENGTH.
SPECIAL NOTES:	CONTRACTOR IS TO CUT OFF AND SEAL IN AN APPROPRIATE MANNER (ie: concrete, heavy clay or suitable impermeable materials to be approved by HCHD) ANY TRENCH LENGTH WITHIN 20 FEET OF THE PROPOSED POOL'S WATER LINE (edge). CUT LENGTHS OF TRENCH MAY BE ALLOWED TO REMAIN IN SERVICE IF THE LINEAR RUN OF THE TRENCH TO REMAIN IS GREATER THAN 40 FEET FROM THE DISTRIBUTION LINE. ANY TRENCH LENGTH LESS THAN 40 FEET IS TO BE CUT OFF FROM THE DISTRIBUTION BOX SYSTEM IN ITS ENTIRETY AND SEALED OFF TO PROHIBIT EFFLUENT FROM REACHING IT.

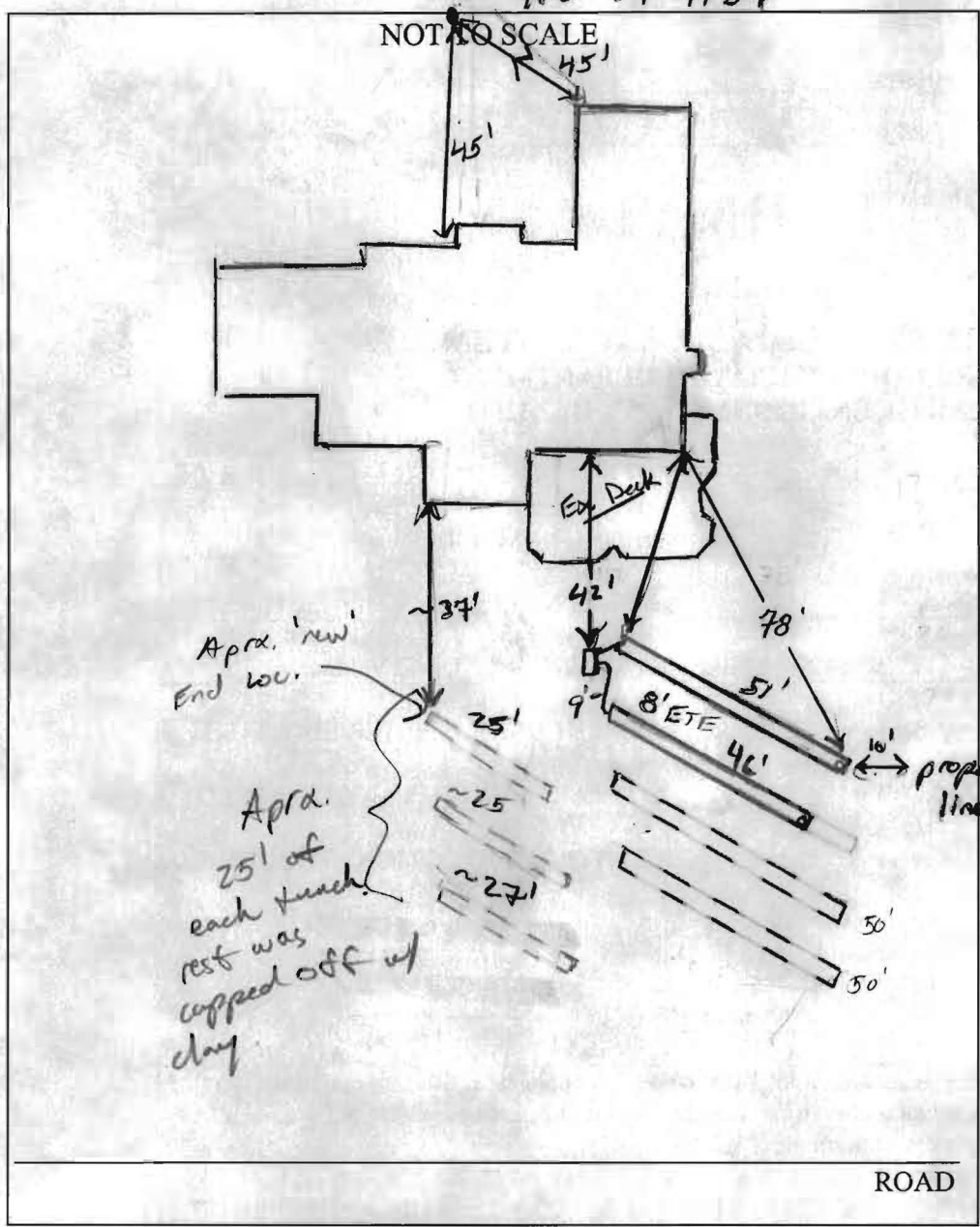
PLANS APPROVED: Gabe Creighton DATE: 5/7/2007

- 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 UNLESS SPECIFICALLY AUTHORIZED

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 CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

Ex Well
 HO-94-1934

↑ Argents path ↑



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		97'
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL <u>lowes</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	_____
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 5/8/07 At time of site insp., top 2 trenches are to be abandoned. One below those two

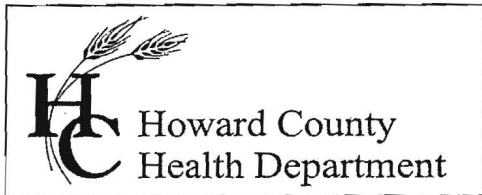
INSTALLATION to be abandoned roughly 35'. Aprx. 38' of bottom 75' trench to remain. Layout of new ~50' trench addition to be given @ time of layout insp. (KW)

5/21/07 Contractor to abandon 20' back of trench from prop pool and fill w/ clay material. 2 x 50' trenches to be installed above 2 ex 50' trenches. (KW)

5/23/07 2 trenches installed per layout installation. 2 trenches placed in Area 'A' according to previous system 'as-built' OK to backfill trenches. Digging up old trench capping off ~10' back from 20' setback to pool. (KW)

5/23/07 Top trench resin pipe was used. Fabric used on 2nd trench. Sys. complete. *Lowes adj. for 3x25' trenches for 80% flow. Sys. complete

FINAL INSPECTOR H. Walf DATE OF APPROVAL 5/23/07



Bureau of Environmental Health
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

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

September 15, 2011

David C. Van Stone
3105 Argent Path
Ellicott City, MD 21042

RE: **Variance Approval**
3105 Argent Path
Ellicott City, MD 21042

Dear Sir:

The Health Department received your waiver request dated August 16, 2011 to allow a proposed pavilion to encroach within one (1) foot of the existing sewage disposal area. The encroachment is in the area of the existing system and it is unlikely that additional on-site sewage disposal trenches will be installed in this location. Therefore, your waiver has been approved. Please be advised that the four corner posts should not be located over any of the existing trenching. Any deviation from the plan submitted with your waiver request requires review by this Department.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

Michael J. Davis, R.S.
Assistant Director
Bureau of Environmental Health

3105 Argent Path
Ellicott City, MD 21042
August 16, 2011

Mr. Michael Davis
Assistant Bureau Director
Howard County Health Department
Bureau of Environmental Health
Well and Septic Program
7178 Columbia Gateway Drive
Columbia, MD 21046

**RE: Pavilion Building Permit Proposal
Brantwood Subdivision, Section 1, Lot 23**

Dear Mr. Davis:

With reference to the subject proposal, in 2007 your department approved setback variances and reallocation of sewage disposal area on my property that achieved the required 10,000 square feet of septic reserve to permit the construction of an in-ground swimming pool. This project required the abandonment of septic trenches within the required setback area where the pool was installed, and installation of new trenches in the area approved by your department. South Carroll Backhoe, Inc. performed the reconfiguration of the septic system according to permit # 526690, and Custom Home Pools, Inc. installed the in-ground pool according to permit # B07002083. A paver deck on sand was installed as part of the landscaping around the pool.

The next phase of completing a desired landscaping plan includes construction of the subject pavilion on an existing paver deck that is laid over the used septic area where portions of the original trenches were abandoned. The proposed pavilion consists of an open 14' x 20' frame structure with a hip roof built on four corner posts that would be secured to existing concrete piers that were installed during construction of the paver deck. The proposed structure, including the roof overhang, would lie within the confines of the existing paver deck which is situated within the 20' setback easement to the pool. Water shed from the roof would fall on the existing porous paver deck or be diverted away from the septic area by downspouts and drain pipes.

The concern at issue is that the northeast perimeter of the proposed structure would be within 1' of the currently documented septic reserve area. With reference to discussion with Mr. Robert Bricker from your office on August 12, I understand that the proposed pavilion would not be in compliance with the required 5' septic easement according to code.

Therefore, I respectfully request variance approval for the 5' septic easement to deck/patio easement requirement. Specifically, I request that the easement requirement

from the 20' long northeast face of the proposed structure to the adjacent septic area be waived.

If the request to waive the requirement is not acceptable, an alternative approach might be to reallocate septic reserve area to maintain an area exceeding 10,000 square feet as follows: Remove approximately 100 square feet of septic reserve in the area in question adjacent to the proposed structure to maintain the required 5' easement. Add an offsetting amount of reserve from the area between the existing wood deck at northeast side of the house and the currently approved septic area. Note that the currently configured septic area was calculated with an incorrectly assumed easement requirement of 10' to the deck, and the actual distance required is only 5'. Reallocation from that area could exceed the potential removed area, thus maintaining the calculated reserve area in excess of 10,000 square feet without requiring an additional variance.

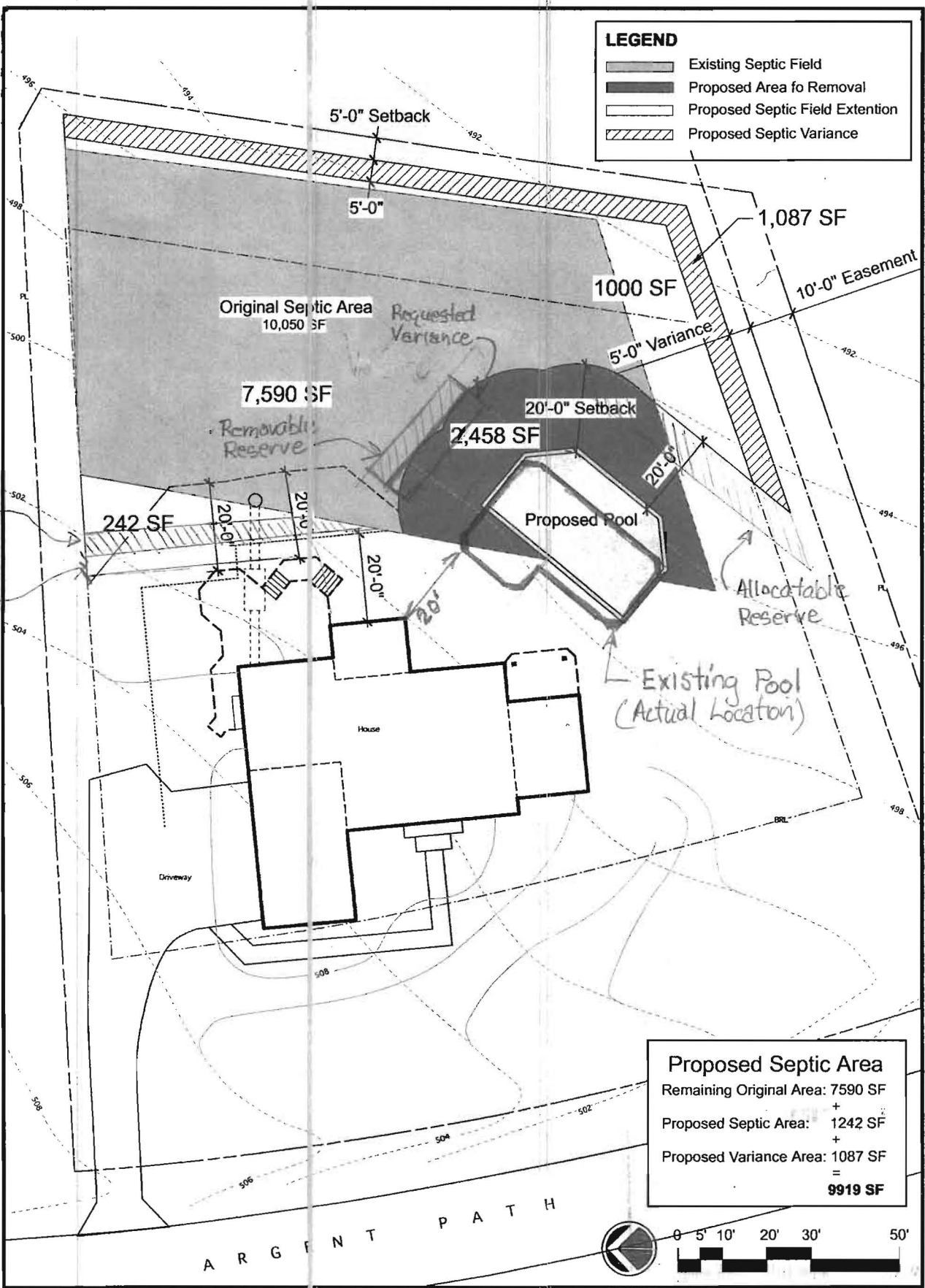
Enclosed are plot and landscape plans along with a conceptual depiction of the proposed pavilion structure for your review. If you are in agreement, please confirm your approval of the proposed structure to enable me to move forward to obtain a building permit. Please contact me at 443 286 8659 or via email at dvanstone@comcast.net if you have any questions or require additional information. Thank-you for your continued assistance with my ongoing project plans.

Sincerely,

A handwritten signature in cursive script that reads "David C. Van Stone".

David C. Van Stone

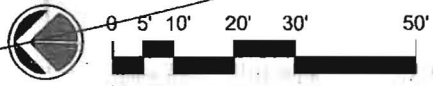




LEGEND

- Existing Septic Field
- Proposed Area fo Removal
- Proposed Septic Field Extention
- Proposed Septic Variance

Proposed Septic Area
 Remaining Original Area: 7590 SF
 +
 Proposed Septic Area: 1242 SF
 +
 Proposed Variance Area: 1087 SF
 =
9919 SF



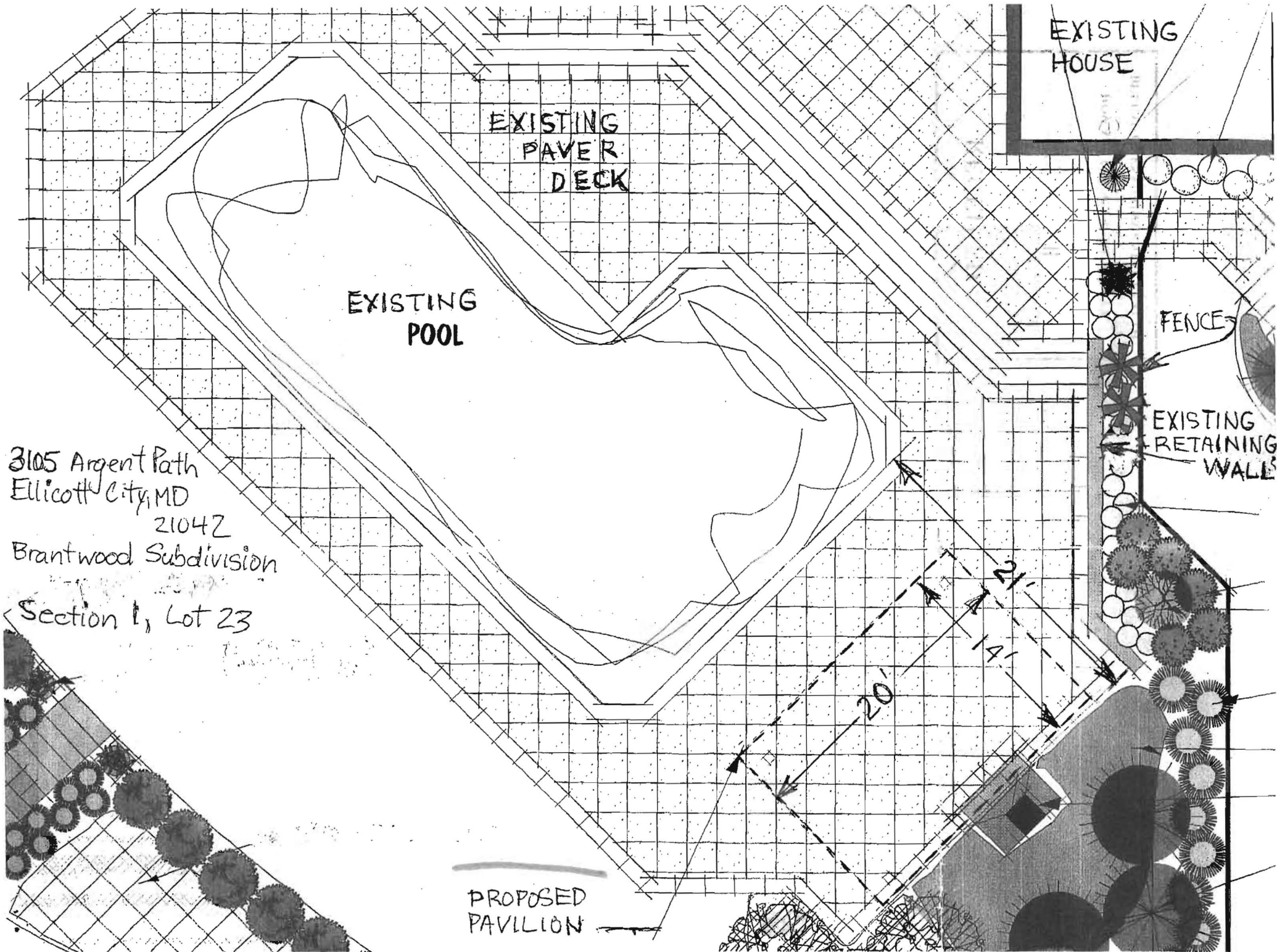
Pool Context Plan

Gonzales/ VanStone Residence

SLATER ASSOCIATES, INC.
 5660 Sierrett Pl. Suite 302
 Columbia, MD 21044
 410.992.0212 - fax
 410.992.0001 - phone
www.slaterassociates.com
 Landscape Architecture • Site Planning • Land Planning

11/6/06

3105 Argent Path
Ellicott City, MD
21042
Brantwood Subdivision
Section 1, Lot 23



EXISTING
PAVER
DECK

EXISTING
POOL

EXISTING
HOUSE

FENCE

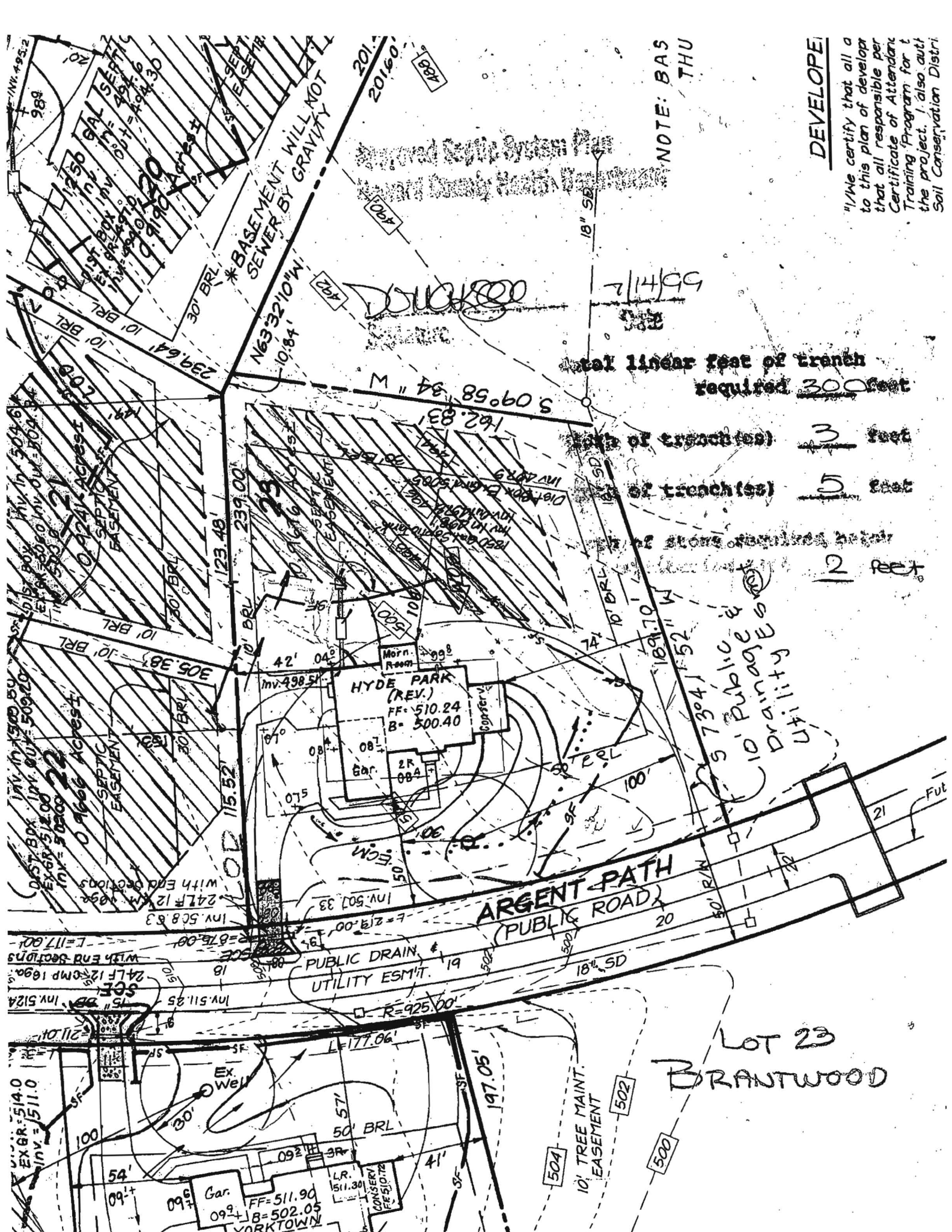
EXISTING
RETAINING
WALLS

PROPOSED
PAVILION

20'

14'

21'



NOTE: BAS THU

DEVELOPER
 "I/We certify that all a
 to this plan of developa
 that all responsible per
 Certificate of Attendan
 Training Program for t
 the project. I also aut
 Soil Conservation Distri

Total linear feet of trench required 300 feet

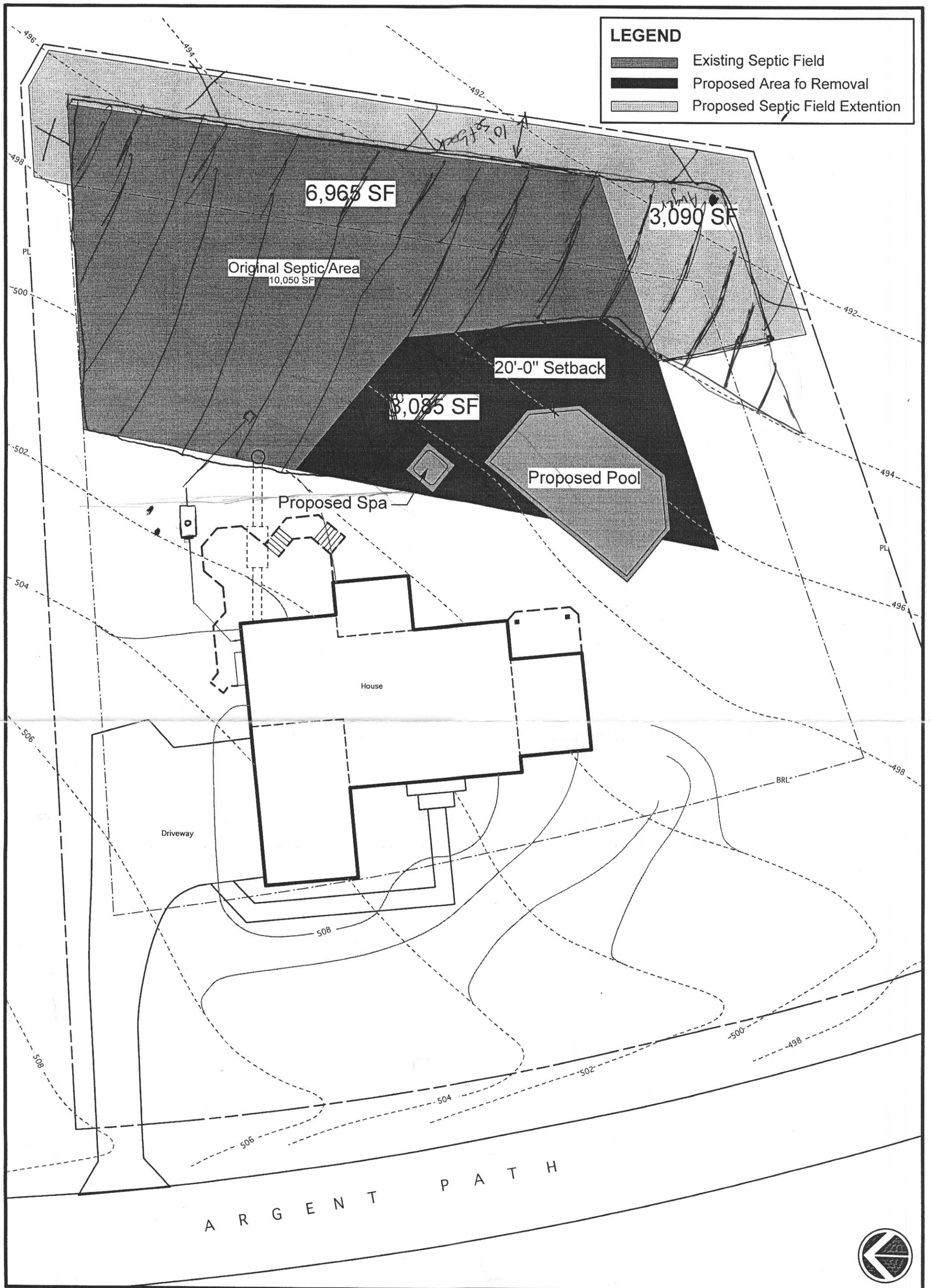
Depth of trench(es) 3 feet

Width of trench(es) 5 feet

Depth of stone required below trench(es) 2 feet

Public & Drainage Utility

LOT 23
 BRANTWOOD



Pool Context Plan

Gonzales/ VanStone Residence

