



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

DPZ 2017 AUG 3 PM 1:14
Date Received: _____

Permit No.: B17002931

Health

Building Address: 6513 Heather Glen Way
City: Clarksville State: MD Zip Code: 21029
Suite/Apt. # N/A SDP/WP/BA #: _____
Census Tract: _____ Subdivision: 1628
Section: _____ Area: _____ Lot: 10
Tax Map: 0034 Parcel: 0444 Grid: 0017
Zoning: _____ Map Coordinates: _____ Lot Size: 997A

Property Owner's Name: Chris Tippett
Address: 4347 Aitchison Rd
City: Beltsville State: MD Zip Code: 20705
Phone: 443-864-3383 Fax: _____
Email: dandahvac@aol.com

Applicant's Name & Mailing Address, (if other than stated herein)
Applicant's Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Existing Use: Raw Land
Proposed Use: Single family residence
Estimated Construction Cost: \$ 720,000
Description of Work: Constructing a new 2 story single family home with 4 bedrooms and 6 bathrooms
Occupant/Tenant Name: Chris Tippett
Was tenant space previously occupied? Yes No
Contact Name: Chris Tippett
Address: 4347 Aitchison Rd.
City: Beltsville State: MD Zip Code: 20705
Phone: 443-864-3383 Fax: 240-554-2586
Email: dandahvac@aol.com

Contractor Company: Win Field & Lang, LLC
Contact Person: Chip Aitken
Address: 9206 Dogwood Rd.
City: Windsor Hill State: MD Zip Code: 21244
License No.: 5006
Phone: 301-370-4279 Fax: _____
Email: jwa2447@aol.com

Engineer/Architect Company: Mark J. Gandy, Inc.
Responsible Design Prof.: John L. Schneider Jr.
Address: 8312 Jumping Field Ct.
City: Ellicott City State: MD Zip Code: 21043
Phone: 410-750-2262 Fax: 410-750-2262
Email: MJBmodels@verizon.net

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor: <u>71 feet</u>	<u>99 feet</u>
Area of construction (sq. ft.):	2 nd floor: <u>71 feet</u>	<u>99 feet</u>
Use group:	Basement: <u>71 feet</u>	<u>99 feet</u>
Construction type:	<input type="checkbox"/> Finished Basement	
<input type="checkbox"/> Reinforced Concrete	<input checked="" type="checkbox"/> Unfinished Basement	
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Crawl Space	
<input type="checkbox"/> Masonry	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Wood Frame	No. of Bedrooms: <u>4</u>	
<input type="checkbox"/> State Certified Modular	Multi-family Dwelling	
	No. of efficiency units:	
	No. of 1 BR units:	
	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities		
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Water Supply		
<input type="checkbox"/> Public		
<input checked="" type="checkbox"/> Private		
Sewage Disposal		
<input type="checkbox"/> Public		
<input checked="" type="checkbox"/> Private		
Heating System		
<input type="checkbox"/> Electric <input type="checkbox"/> Oil		
<input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas		
<input type="checkbox"/> Other:		
Sprinkler System:		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Grading Permit Number:		<u>G-17000243</u>
Building Shell Permit Number:		

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: [Signature]
Email Address: dandahvac@aol.com
Title/Company: _____

Print Name: Chris Tippett
Date: 8-3-17

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

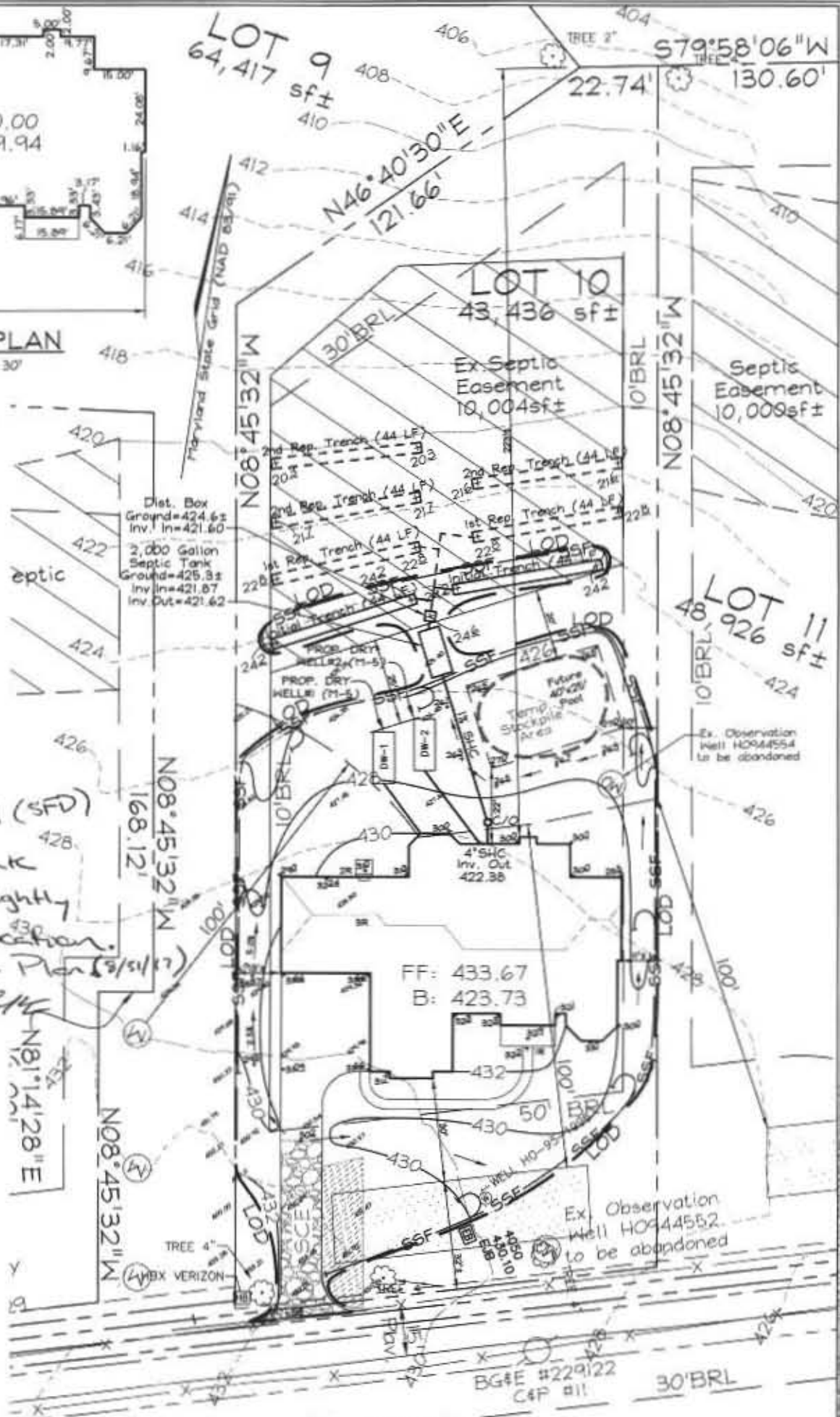
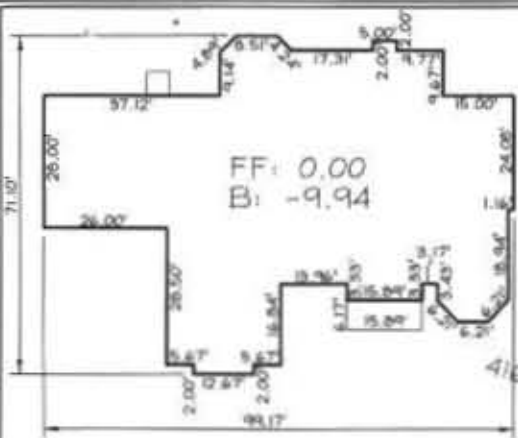
PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>8/3/17</u>	<u>[Signature]</u>

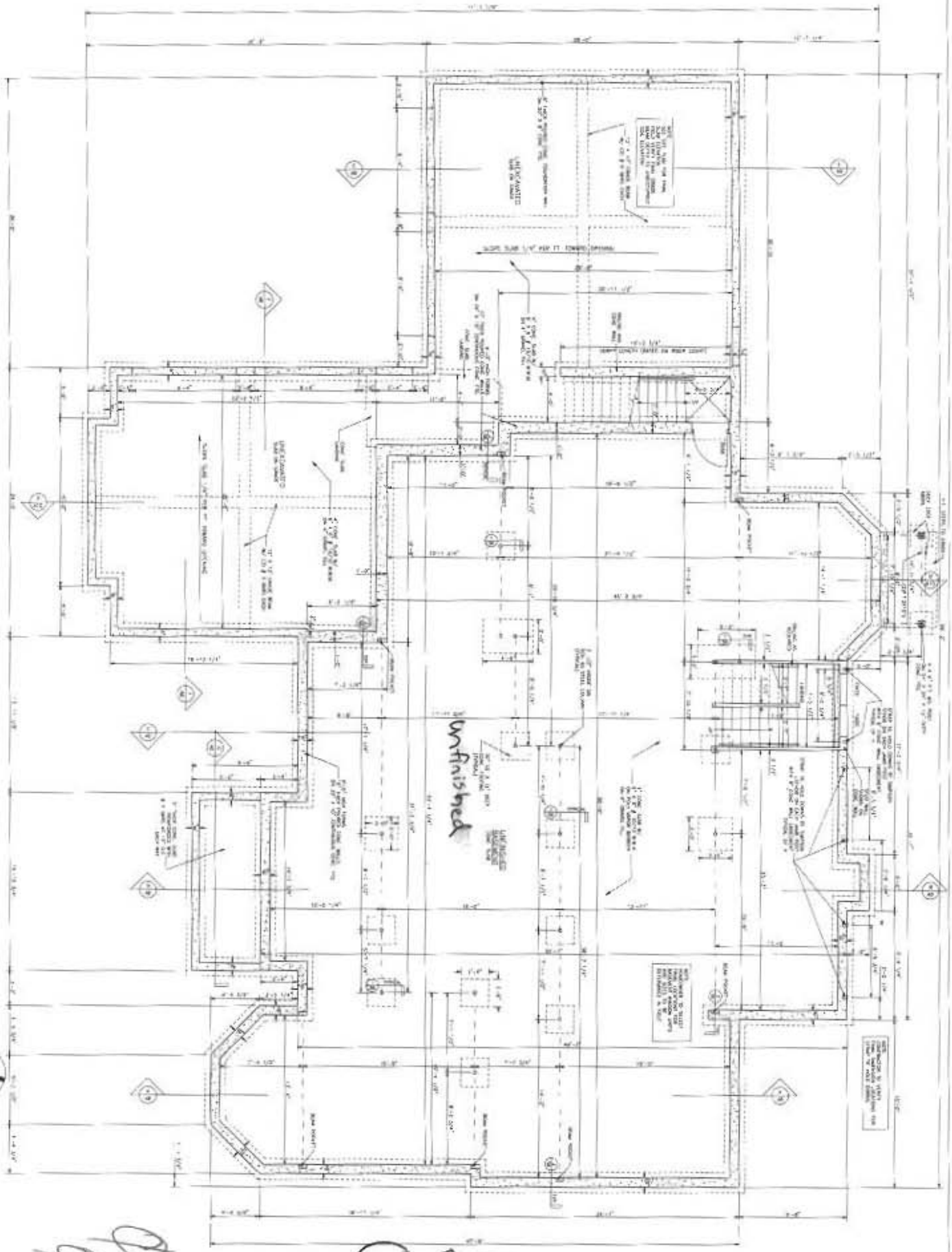
Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$
Permit Fee	\$ <u>100</u>
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50</u>
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>1620</u>



SITE PLAN
Scale: 1" = 30'



BASEMENT/POOLING PLAN



FOR PERMIT

*4 Bedrooms
of Bathrooms*

*Approved
BTR002951
RJE 8/5/17
4 Finished BR
1 unfinished potential BR*

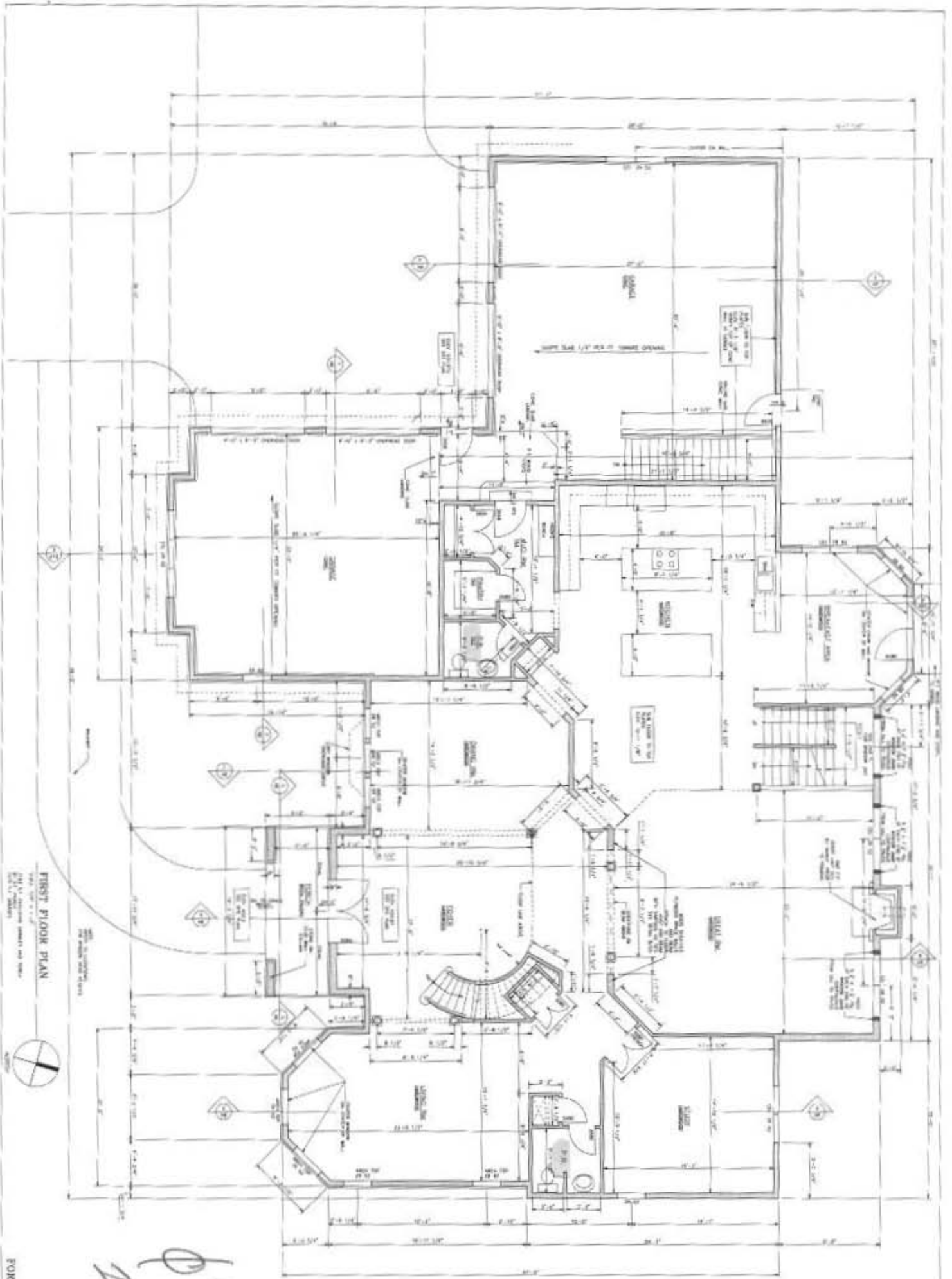
Tippet Residence
LOT-10 WILLOW FOND Clarksville, MD 21029

BASEMENT PLAN
SCALE: 1/4" = 1'-0"

A
1

REV DATE 26-08-2017

DRAWN BY
(410) 750 2262
DATE 05-17-2017



FIRST FLOOR PLAN
 1/4" = 1'-0"



*2 Bedrooms
 Powder Room
 Laundry*

A2

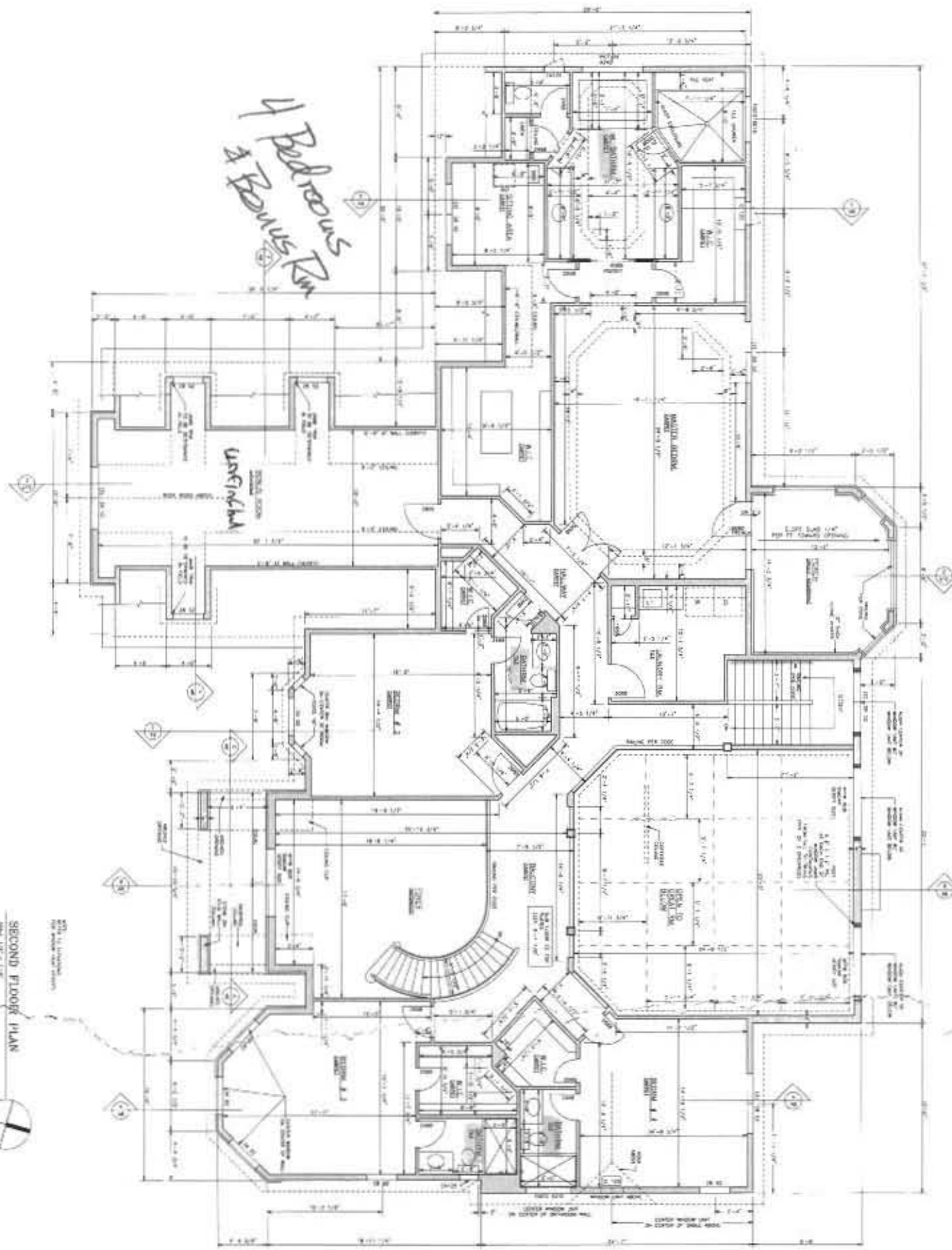
1ST FLOOR PLAN
 SCALE: 1/4" = 1'-0"

Tippett Residence
 LOT-10 WILLOW POND Clarksville, MD 21029

NO.	DATE	DESCRIPTION

REV. DATE: 05-08-2017
 DRAWN BY: MICH. BIRCH, P.E.
 (410) 750-2262
 DATE: 05-17-2017

FOR PERMIT



SECOND FLOOR PLAN
 DATE: 05-17-2017
 100% OF CONSTRUCTION PERMITS
 100% OF CONSTRUCTION PERMITS
 100% OF CONSTRUCTION PERMITS



FOR PERMIT

A3

2ND FLOOR PLAN
 SCALE: 1/4" = 1'-0"

Tippet Residence
 LOT-10 WILLOW POND Clarksville, MD 21029

REVISION	DATE	DESCRIPTION

DRAWN BY:
 MARK J. SANDY, INC
 (410) 750 2762
 DATE: 05-17-2017



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Building Address: 5513 Heather Glen Way
 City: Clarksville State: MD Zip Code: 21029
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: _____
 Section: _____ Area: _____ Lot: 10
 Tax Map: 34 Parcel: 444 Grid: 17
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: Residential Single Family
 Proposed Use: Inground Pool
 Estimated Construction Cost: \$ 50,000
 Description of Work: 700 S.F. Inground Pool with 3.5'-7' Deep with 1,500 S.F. Patio and 4' Black Aluminum Fence

Occupant/Tenant Name: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: Chris Tippet
 Address: 4347 Aitcherson Rd
 City: Beltsville State: MD Zip Code: 20705
 Phone: 443 869 3383 Fax: _____
 Email: Dana.Huebel@gmail.com

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: Brad Hull
 Address: 235 Melvin Ave
 City: Queenstown State: MD Zip Code: 21658
 Phone: 443-926-6945 Fax: _____
 Email: Brad@coastalpoolbuilders.net

Contractor Company: Coastal Pools
 Contact Person: Brad Hull
 Address: 235 Melvin Ave
 City: Queenstown State: MD Zip Code: 21658
 License No.: 097873
 Phone: 443-926-6945 Fax: _____
 Email: Brad@coastalpoolbuilders.net

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling	<input type="checkbox"/> SF Townhouse
No. of stories:	<u>Depth</u>	<u>Width</u>
Gross area, sq. ft./floor:	1 st floor:	
	2 nd floor:	
Area of construction (sq. ft.):	Basement:	
	<input type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
Construction type:	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input type="checkbox"/> Structural Steel	Multi-family Dwelling	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities		
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>P-17004354</u>
Water Supply		
<input type="checkbox"/> Public		
<input checked="" type="checkbox"/> Private		
Sewage Disposal		
<input type="checkbox"/> Public		
<input checked="" type="checkbox"/> Private		
Heating System		
<input type="checkbox"/> Electric	<input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:		
Sprinkler System:		
<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Grading Permit Number:		
Building Shell Permit Number:		

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Brad Hull
 Applicant's Signature
Brad@coastalpoolbuilders.net
 Email Address

 Title/Company

Bradley T. Hull
 Print Name

 Date

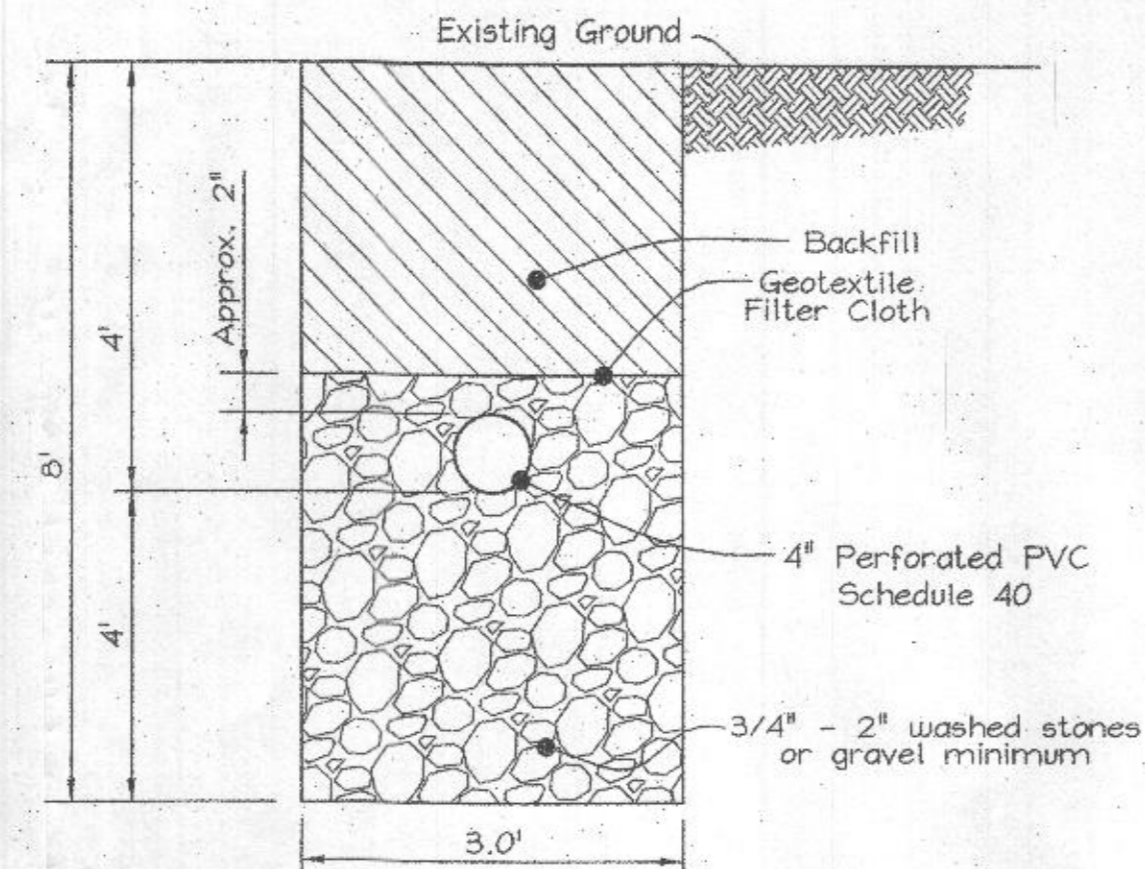
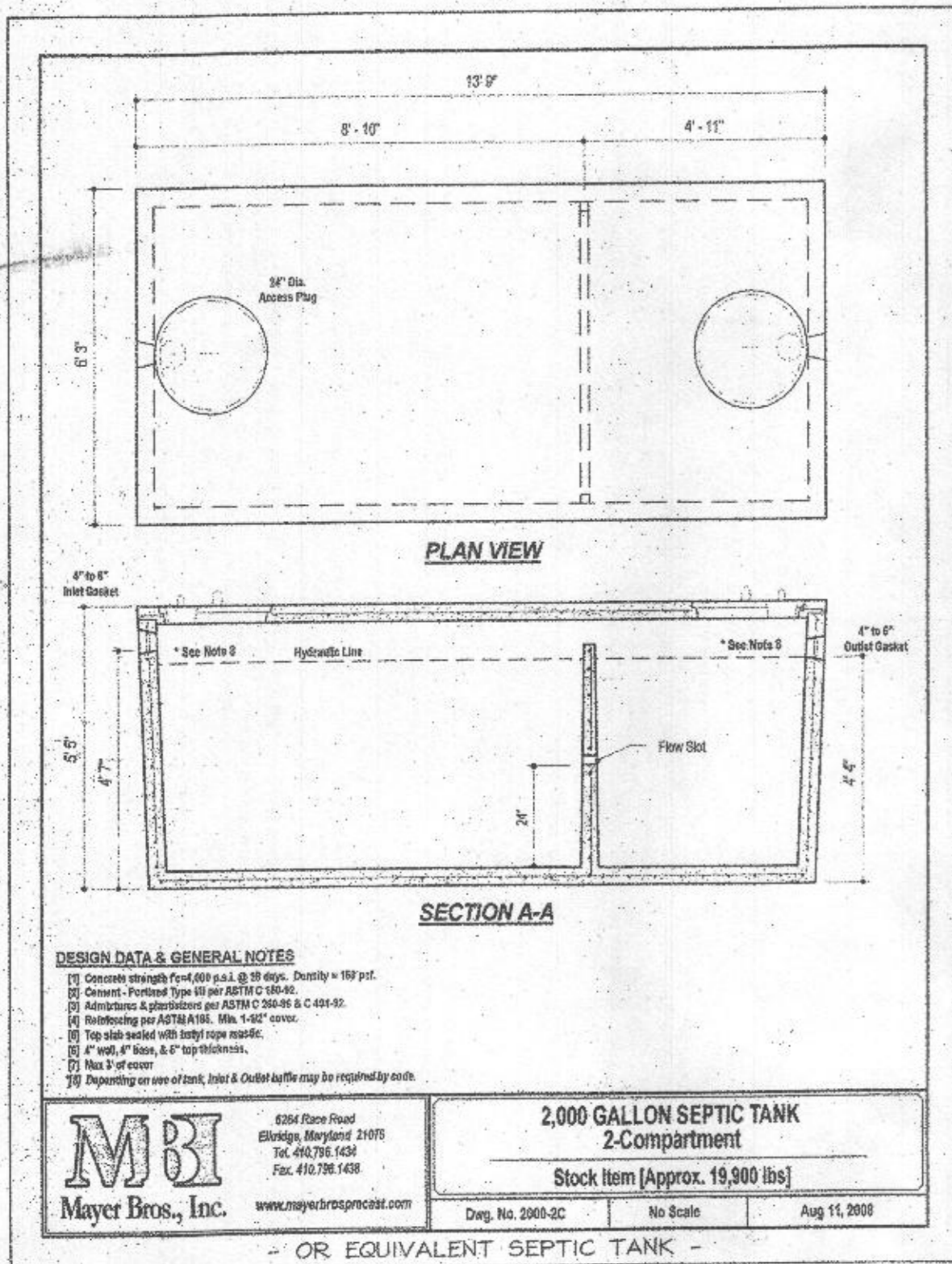
Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>10/18/17</u>	<u>H. Oswald</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
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Lot Coverage for New Town Zone:
SDP/Red-line approval date:

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Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#



NOTES:
 1. Trenches shall be constructed 11 ft. (Min.) edge to edge.
 2. Trench bottoms shall be level along the length of 4" Perforated Distribution Pipe.

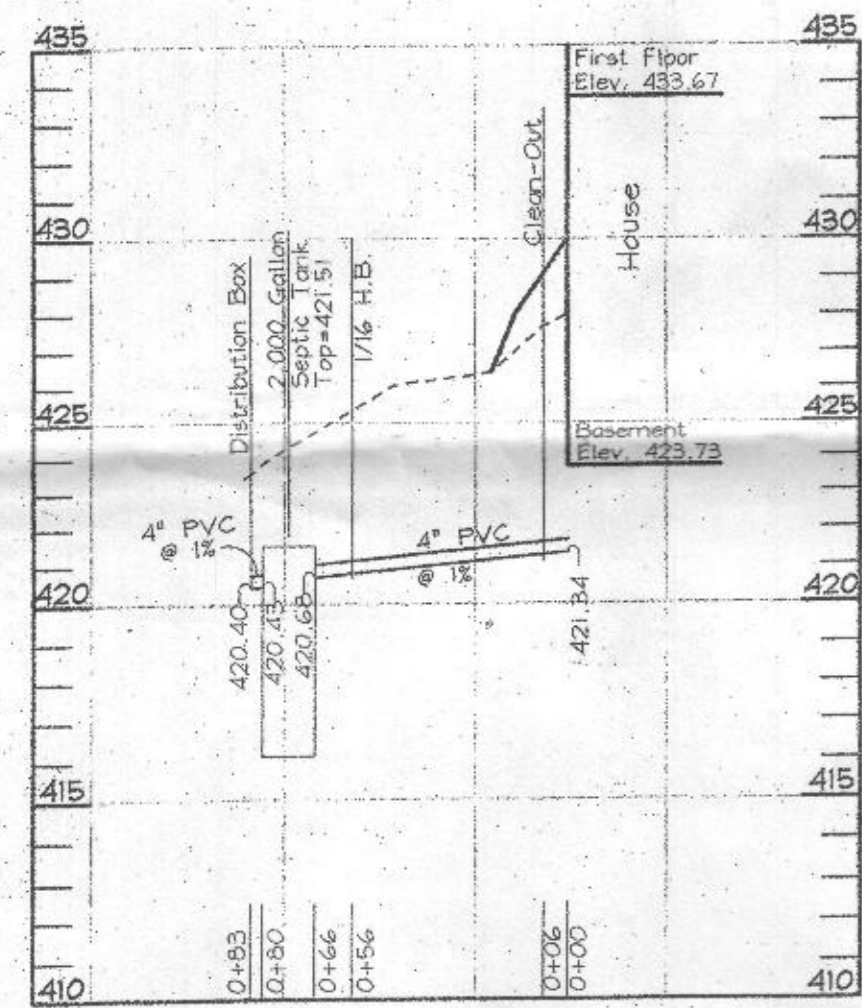
SEPTIC TRENCH DETAIL
 Not to Scale

Trench	Length	Pipe Inv	Bottom	Ground
Initial Sys.	44'	419.4	415.4	423.4
1st Replace	44'	418.1	414.1	422.1
2nd Replace	44'	416.7	412.7	420.7
	44'	415.3	411.3	419.3

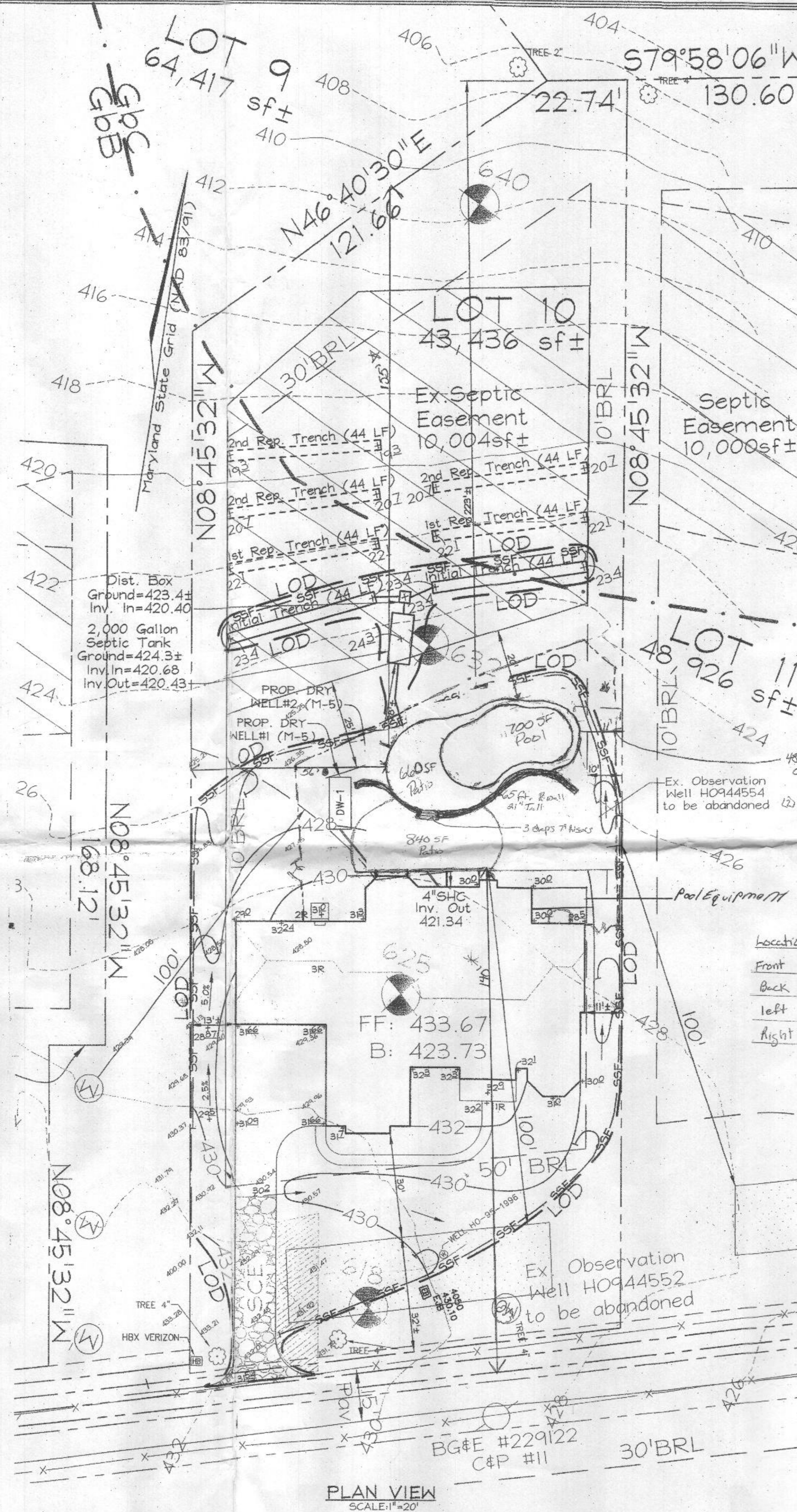
INITIAL SYSTEM	
Number of bedrooms	5
Application rate	1.2 apd/sf
Effective area beginning depth	8'
Bottom maximum depth	8'
Design flow	750 apd
Drainage field square footage	625 sf
Sidewall reduction credit	0.42
Trench width	3'
Effective area depth	4'
Linear length of trench required	88 lf

1st REPLACEMENT SYSTEM	
Number of bedrooms	5
Application rate	1.2 apd/sf
Effective area beginning depth	8'
Bottom maximum depth	8'
Design flow	750 apd
Drainage field square footage	625 sf
Sidewall reduction credit	0.42
Trench width	3'
Effective area depth	4'
Linear length of trench required	88 lf

2nd REPLACEMENT SYSTEM	
Number of bedrooms	5
Application rate	0.8 apd/sf
Effective area beginning depth	4'
Bottom maximum depth	4'
Design flow	750 apd
Drainage field square footage	938 sf
Sidewall reduction credit	0.42
Trench width	3'
Effective area depth	4'
Linear length of trench required	131 lf



SYSTEM PROFILE
 HOR. SCALE: 1" = 50'
 VERT. SCALE: 1" = 5'

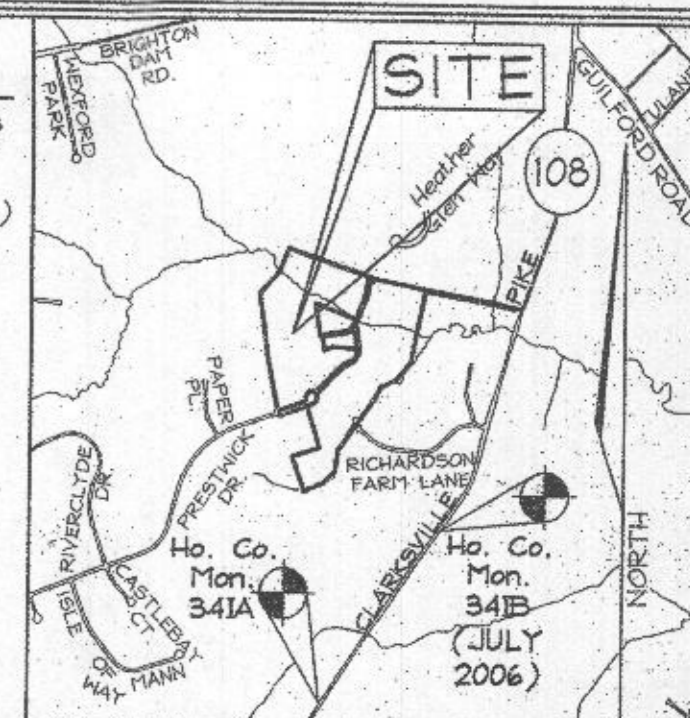
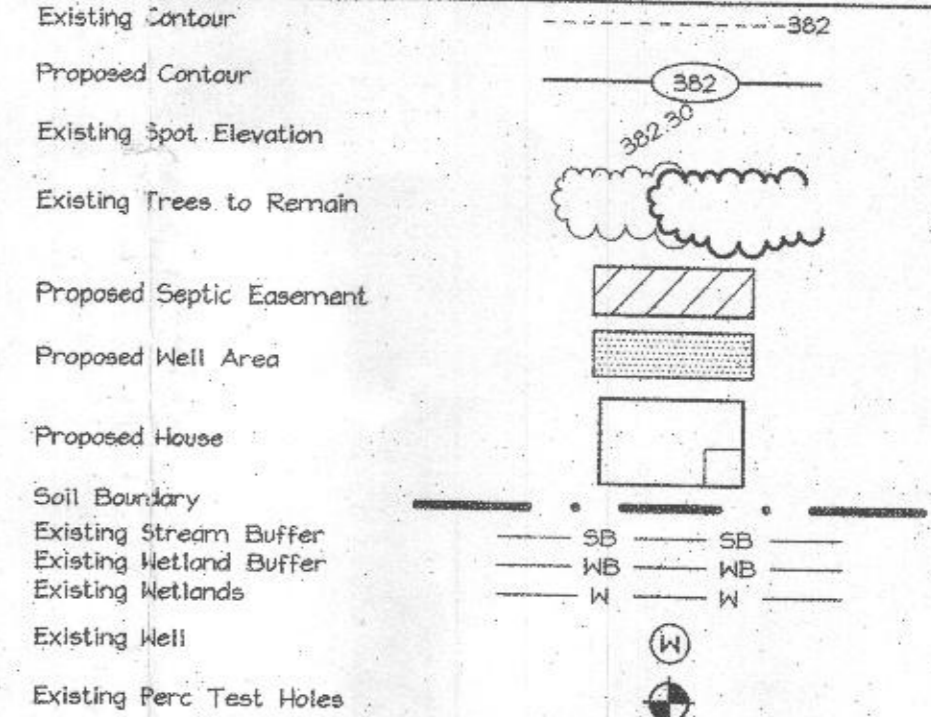


PLAN VIEW
 SCALE: 1" = 20'

GEODETIC CONTROL STATIONS

Coordinates shown herein are based on NAD '83, Maryland Coordinate System as projected by Howard County, Geodetic Control Stations no. 341A and no. 341B.
 Denotes approximate location (see vicinity map).
 Sta. 341A N 553,271.914 E 1,325,836.75 Elev. 471.86 (NAVD 88)
 Sta. 341B N 552,475.544 E 1,327,076.76 Elev. 471.86 (NAVD 88)

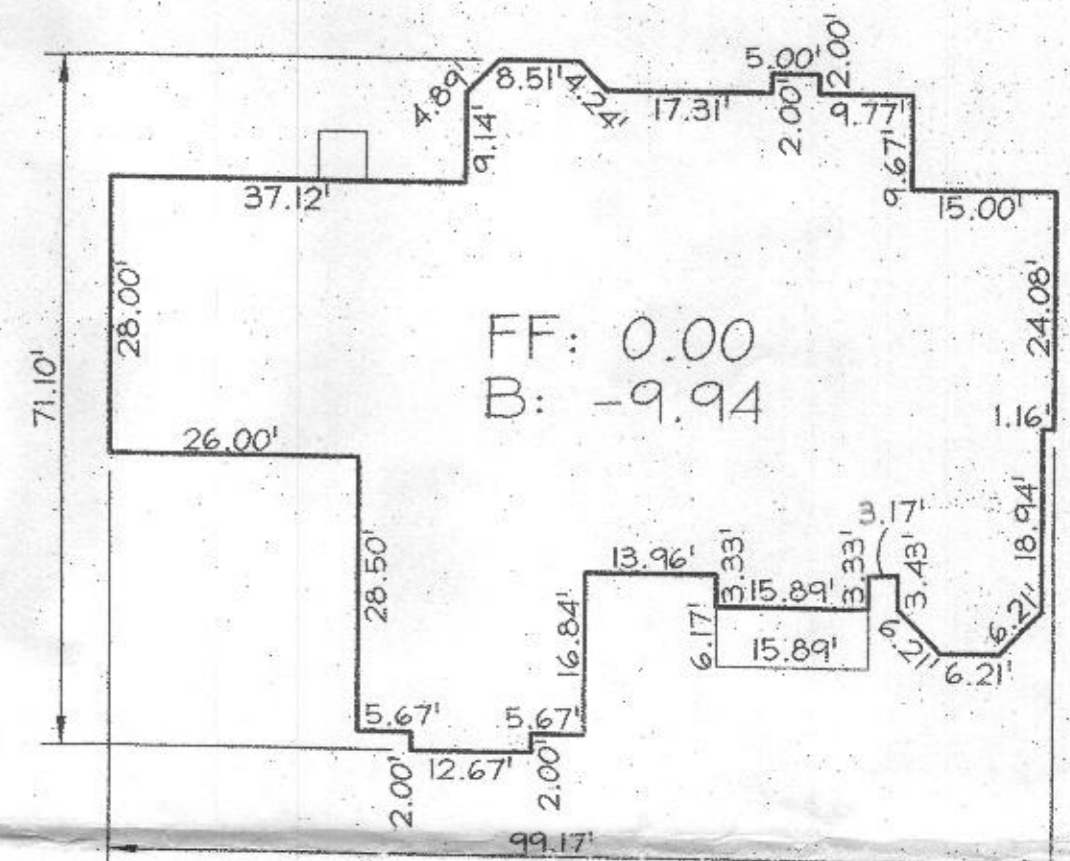
LEGEND



VICINITY MAP
 SCALE: 1" = 2000'

SCHEMATIC ELEVATION

NOT TO SCALE



HOUSE PLAN
 SCALE: 1" = 20'

Location	Set Back
Front	140' *
Back	155' *
Left	56' *
Right	14' *

GENERAL NOTES

- Any change to the location or depths to any component must be approved by the engineer and Howard County Health Department prior to installation. A revised site plan may be required.
- The maximum earth cover over the tank is 3 feet. Greater earth cover will require a heavy load bearing tank.
- The well HO-95-1996 has been field located by FSH Associates and is accurately shown.
- All wells and septic systems located within 100' of the property boundaries and 200' down gradient of any well and/or septic system have been shown.

APPROVED WALK-THRU BUILDING PERMIT

BP# A#
 APP SAN H. O. DATE: 01/10/17
 DESC. OF WORK: Install 700sf. in ground pool with 1500 sf. patio & 4' fence

OWNER/DEVELOPER
 Chris Tippett
 4347 Aitchison Road
 Beltsville, Maryland 20705
 240.294.4470

SEPTIC DESIGN PLAN
 WILLOW POND

LOT 10 - 6513 HEATHER GLEN WAY
 Plat #21632

TAX MAP 34 GRID 17 5TH ELECTION DISTRICT PARCEL 444 HOWARD COUNTY, MARYLAND

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	SOIL GROUP	K FACTOR
GdB	Gladstone loam, 3 to 8 percent slopes	A	0.28
GbC	Gladstone loam, 8 to 15 percent slopes	A	0.28

PROFESSIONAL CERTIFICATION
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #22416, Expiration Date: 07/24/2019.



FSH Associates
 Engineers Planners Surveyors
 6339 Howard Lane, Ellicott City, MD 21115
 Tel: 410-567-5200 Fax: 410-796-1552
 E-mail: info@fsh.com

DESIGN BY: CRH2
 DRAWN BY: CRH2
 CHECKED BY: ZTF
 DATE: Aug 30, 2017
 W.O. No.: 4036
 SHEET No.: 1 OF 1