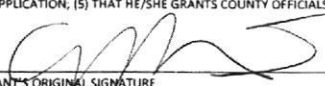
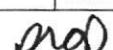


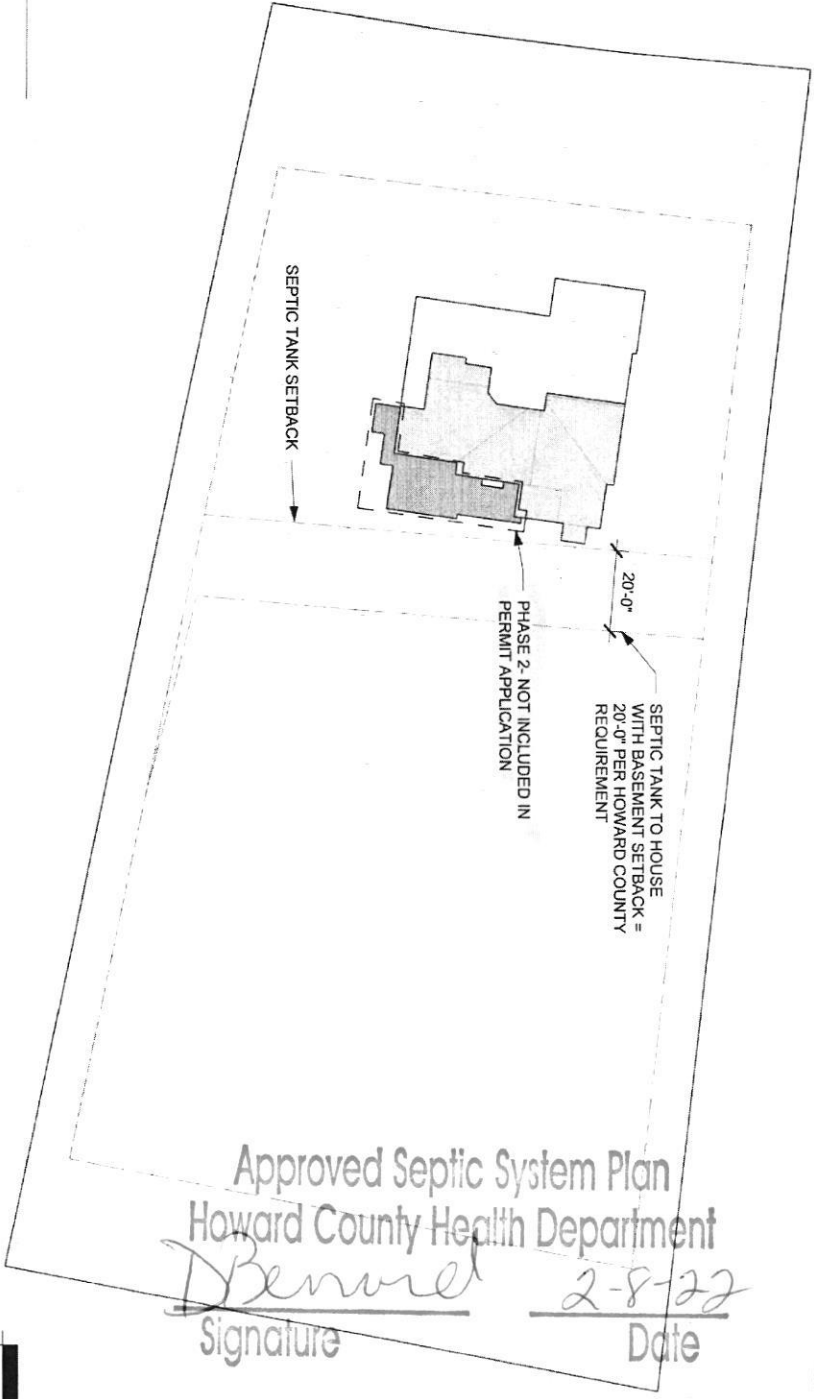
PERMIT NUMBER: B21001868

DATE ACCEPTED: RECEIVED

RESIDENTIAL BUILDING PERMIT APPLICATION					
HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS, PERMITS DIVISION 3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4 www.howardcountymd.gov					
BUILDING SITE ADDRESS <i>REQUIRED</i>					
Street Address: 14838 Michele Drive					Unit:
City: Glenelg			State: MD		Zip Code: 21737
Subdivision/Village/Complex Name: The Warfields II				SDP/WP/BA #:	
Lot: 29	Tax Map: 0027	Parcel: 0114	Grading Permit #:		
DESCRIPTION OF WORK <i>REQUIRED</i>					
Existing Use: Residential		Proposed Use: Residential		Estimated Cost: \$100,000	
Trade Work to Be Completed (<i>Separate Permits Required</i>): <input checked="" type="checkbox"/> Mechanical (HVACR) <input checked="" type="checkbox"/> Electrical <input checked="" type="checkbox"/> Plumbing <input type="checkbox"/> None					
Renovation of basement into in-law apartment. Overall area being renovated is 1,225 SF, and includes a new bathroom, kitchen, entry porch and separate mechanical system. Note that deck addition is a future phase and is not included in this permit application.					
PROPERTY OWNER INFORMATION <i>REQUIRED</i>					
Owner(s) Name(s) (<i>As it appears on tax records</i>): Aaron Hicks, Martha Hicks				Primary Residence: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Owner's Street Address: 14838 Michele Drive					
City: Glenelg			State: MD		Zip Code: 21737
Phone: 443-562-1273		Email: ceoash@aol.com			
APPLICANT NAME <i>REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION</i>					
Business Name: Penza Bailey Architects			Contact Name: Jeffrey Penza		
Street Address: 401 Woodbourne Avenue					
City: Baltimore			State: MD		Zip Code: 21212
Phone: 410-435-6677, Ext 103		Email: jpenza@penzabailey.com			
CONTRACTOR INFORMATION <i>REQUIRED</i>					
Business Name: Owner to act as general contractor					
Licensee's Name:			License #: NA		
Street Address:					
City:		State:		Zip Code:	
Phone:		Email:			
ARCHITECT/ENGINEER INFORMATION <i>INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE</i>					
Business Name: Penza Bailey Architects			Name: Jeffrey Penza		
Street Address: 401 Woodbourne Avenue					
City: Baltimore			State: MD		Zip Code: 21212
Phone: 410-435-6677, Ext 103		Email: jpenza@penzabailey.com			
BUILDING CHARACTERISTICS <i>REQUIRED</i>					
Primary Structure: <input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> SF Duplex <input type="checkbox"/> Mobile Home <input type="checkbox"/> Multi-Family Dwelling (MF*)				Condo: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Utilities: <input checked="" type="checkbox"/> Electric <input checked="" type="checkbox"/> Gas		Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Well)		Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Septic)	
Heating System: <input type="checkbox"/> Electric <input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane <input type="checkbox"/> Other:				Roadside Tree Project: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes: #	
Sprinkler System: <input type="checkbox"/> NFPA 13 <input checked="" type="checkbox"/> NFPA 13R <input checked="" type="checkbox"/> NFPA 17D <input type="checkbox"/> None		Fire Alarm System: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Voice Evac			
ADDITIONAL RESIDENTIAL INFORMATION (<i>PLEASE SELECT/COMPLETE ALL THAT APPLY</i>)					
Model Name & Options: PER F13000810					
# of Bedrooms (SF):		# of efficiency units (MF*):		# of 1 BR (MF*):	
# of 2 BR (MF*):		# of 3 BR (MF*):			
# Rooms:		# Full Baths:		# Half Baths:	
# Fireplaces:					
Garage/Carport Info: <input type="checkbox"/> Attached Garage <input type="checkbox"/> Detached Garage <input type="checkbox"/> Integral Garage <input type="checkbox"/> Carport <input type="checkbox"/> None					
Basement/Foundation Info: <input type="checkbox"/> Slab on Grade <input type="checkbox"/> Post & Pier <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Finished Basement: <input type="checkbox"/> Full or <input type="checkbox"/> Partial					
1 st Fl Width:		1 st Fl Depth:		2 nd Fl Width:	
2 nd Fl Depth:		Bsmt Width:		Bsmt Depth:	
Energy Method: <input type="checkbox"/> Prescriptive <input type="checkbox"/> Performance <input type="checkbox"/> UA Alternative <input type="checkbox"/> ERI				Gross Area: sq ft	
Occupiable Area: sq ft					
AGREEMENT/DISCALIMER <i>REQUIRED</i>					
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 ORIGINAL SIGNATURE				5/12/21 DATE SIGNED	
FOR OFFICE USE ONLY CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY					
AGENCIES REQUIRED/APPROVALS:					
<input checked="" type="checkbox"/> PR	<input checked="" type="checkbox"/> DPZ	<input type="checkbox"/> DED	<input checked="" type="checkbox"/> Health	<input type="checkbox"/> SHA	<input type="checkbox"/> CID
SUBMITTAL FEES: 75-		PAYMENT: 601		ACCEPTED BY: 	

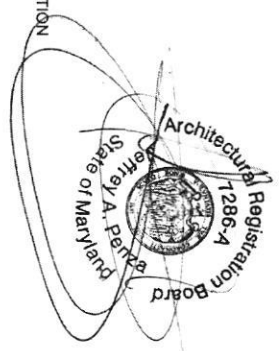
* NEED 3RD SET FOR BOY HEALTH
 * NEED ACCESSORY AIT APPROVAL

① SITE PLAN
1" = 30'-0"



AREA TO BE RENOVATED
NEW DECK AND STAIR ADDITION

Approved Septic System Plan
Howard County Health Department
D. Benard 2-8-22
Signature Date

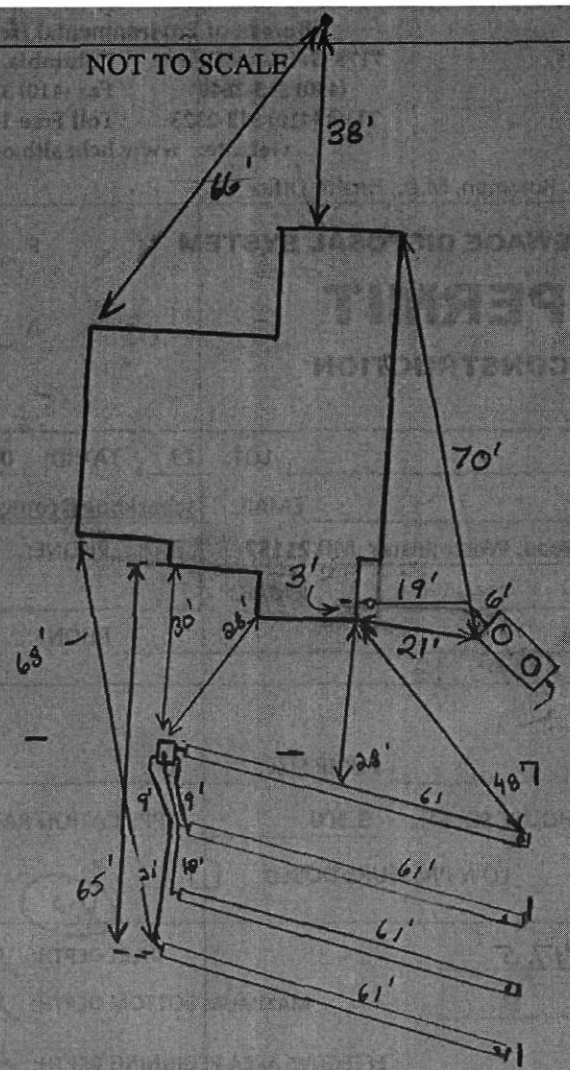


SITE PLAN PROVIDED BY FISHER, COLLINS, AND CARTER, INC.
FEBRUARY 2013

SP1.1	SITE PLAN	PROJECT #: 21003	RENOVATION TO	PENZA+BAILEY ARCHITECTS 401 Woodbourne Avenue Baltimore, Maryland 21212 t 410-528-8077 f 410-528-2000 www.PenzaBailey.com
	SCALE: 1" = 30'-0"		HICKS RESIDENCE	
	DATE: 05/06/2021		14838 Michele Dr. Glenelg, MD 21737	

30

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	7'
NUMBER OF TRENCHES		4
TOTAL LENGTH		244'
ABSORPTION AREA		488'±sw
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1-25'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Front/Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	4/30/2013

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	

ROAD NAME

PRE-CONSTRUCTION:

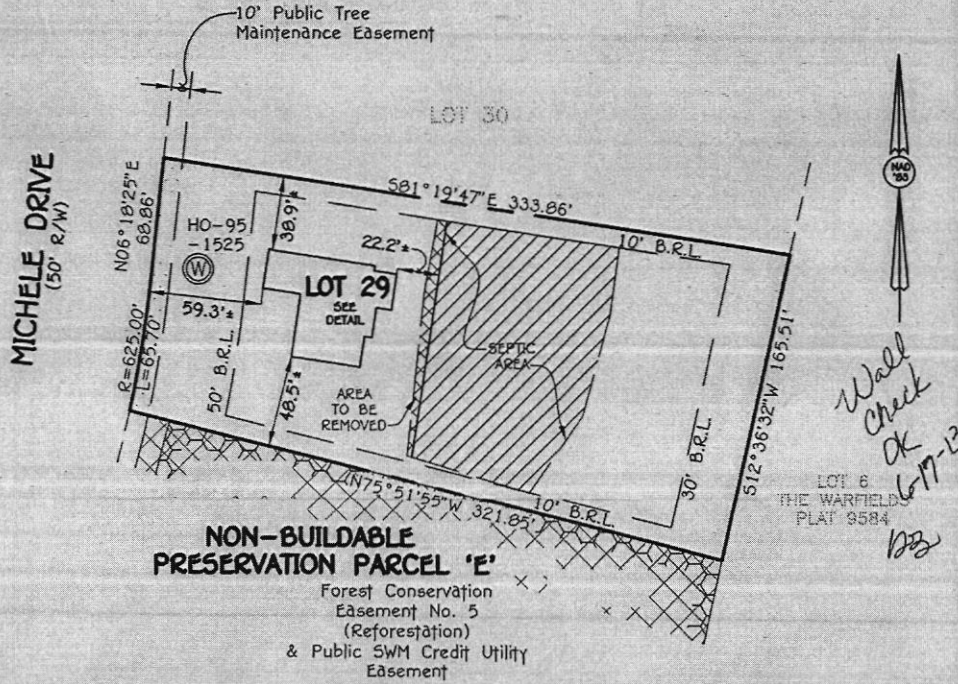
6/18/13 Trench specs adjusted, see permit. SRA adjusted. House foot print changed (see walk check). No trenches layout given. OK to set S.T. Keep min 20' from dwelling. Will try to set Pbox towards top middle part of septic area. Call when area cleared to lay trenches out (KW)
 6/28/2013 (AM) Laid out trenches. Put box at top middle of easement and install four 61' trenches on contour towards lot 30. (BB)
 INSTALLATION: 6/29/2013 (PM) Tank set. House connection made. (BB)

7/9/13 Top 2 trenches previously installed and covered due to heavy rains. Contractor finished up 3rd lowest trench. Need to level Dbox and last trench. (KW) 7/10/13 system finished. OK to cover

FINAL INSPECTOR J. Kelly DATE OF APPROVAL 7/10/13

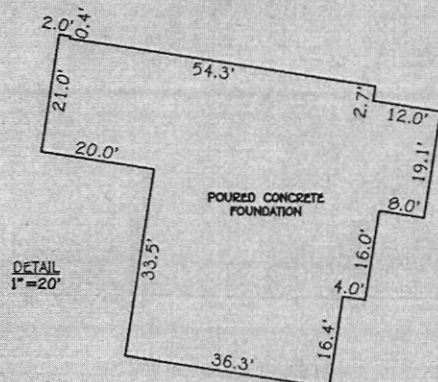
GENERAL NOTES:

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INSOFAR AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440020-B, EFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 0.5'(+)
- 4) NO TITLE REPORT FURNISHED, SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-1525) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 6) PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 339, EXPIRATION DATE 10/04/2014.
- 7) BUILDING PERMIT # B-13000554



Well Check OK 6-17-13
DB

NON-BUILDABLE PRESERVATION PARCEL 'E'
 Forest Conservation Easement No. 5 (Reforestation) & Public SWM Credit Utility Easement



LOT 29
 THE WARFIELDS II
 SECTION TWO
 LOTS 6 THRU 68
 CEMETERY OPEN SPACE LOT 69
 AND BUILDABLE PRESERVATION PARCEL 'A' & NON-BUILDABLE PRESERVATION PARCEL 'B' THRU 'F'
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 PLAT #20247-20254

#14838 MICHELE DRIVE
 B.R.L. = BUILDING RESTRICTION LINE
 TOP OF FOUNDATION ELEV. = 524.0'±

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELIJAH CITY, MARYLAND 21042
 (410) 461 - 2995

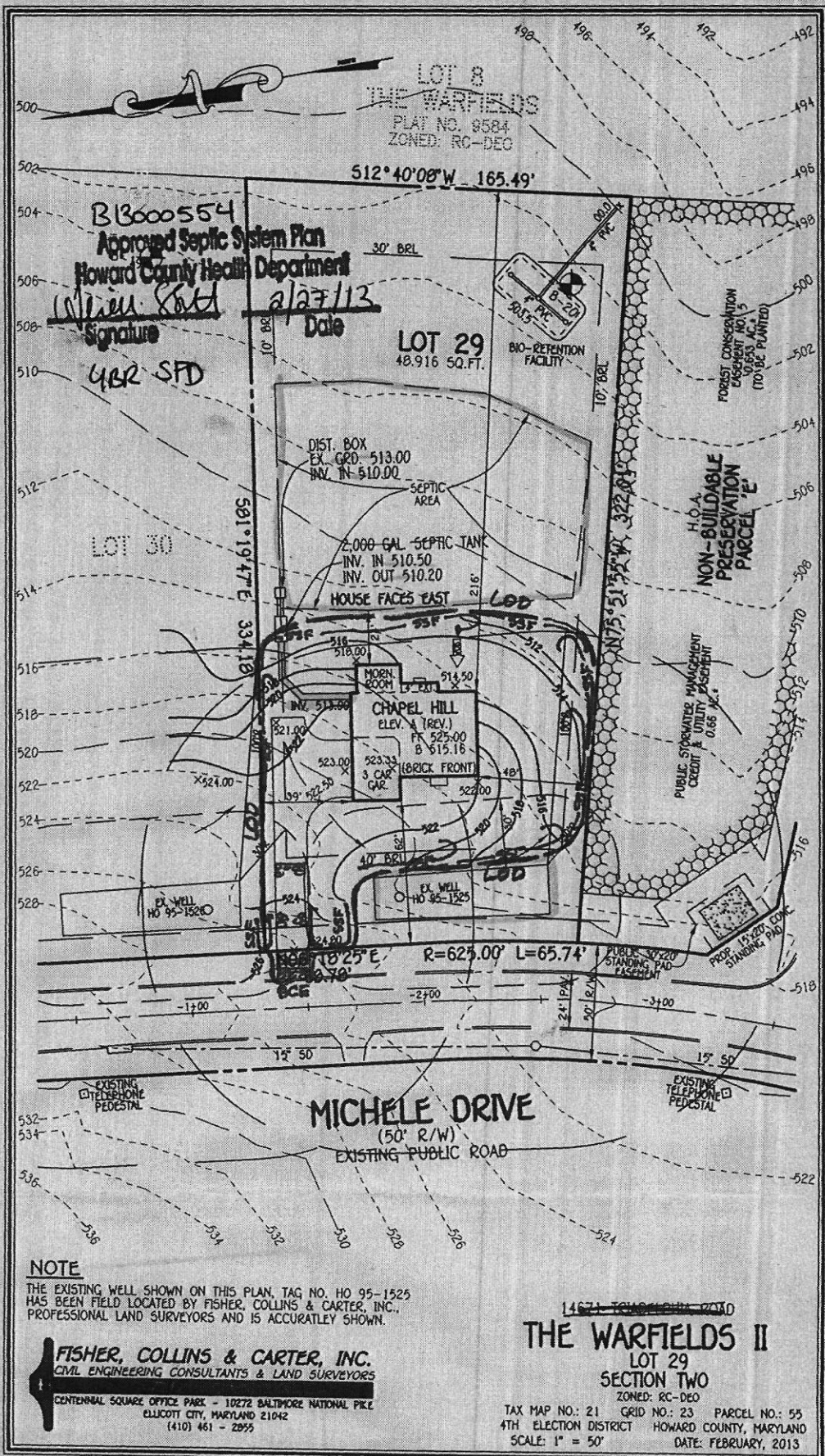


Mark J. Bittel 6/17/13
 PROFESSIONAL LAND SURVEYOR DATE
 REG. # 339

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 4/28/13
 FINAL LOCATION:
 BOUNDARY SURVEY:

SCALE: 1"=60'
 DATE: 4/30/13 REV: 6/7/13
 DRAWN BY: JMP
 CHECKED BY: MLP
 PROJECT No.: 05100-6001



LOT 8
THE WARFIELDS
PLAT NO. 8584
ZONED: RC-DEO

B13000554
Approved Septic System Plan
Howard County Health Department
William S. Holt
Signature
2/27/13
Date
4BR SFD

LOT 29
48,916 SQ. FT.

DIST. BOX
EX. GRD. 513.00
INV. IN 510.00

SEPTIC AREA

2,000 GAL. SEPTIC TANK
INV. IN 510.50
INV. OUT 510.20

HOUSE FACES EAST

CHapel Hill
Elev. A (REV.)
FR 525.00
B 515.16

3 CAR GAR.
(BRICK FRONT)

FOREST CONSERVATION
EASEMENT NO. 5
0.0553 AC.
(TO BE PLANTED)

H.O.A.
NON-BUILDABLE
PRESERVATION
PARCEL 'E'

PUBLIC WATER MANAGEMENT
CREDIT & UTILITY EASEMENT
0.66 AC.

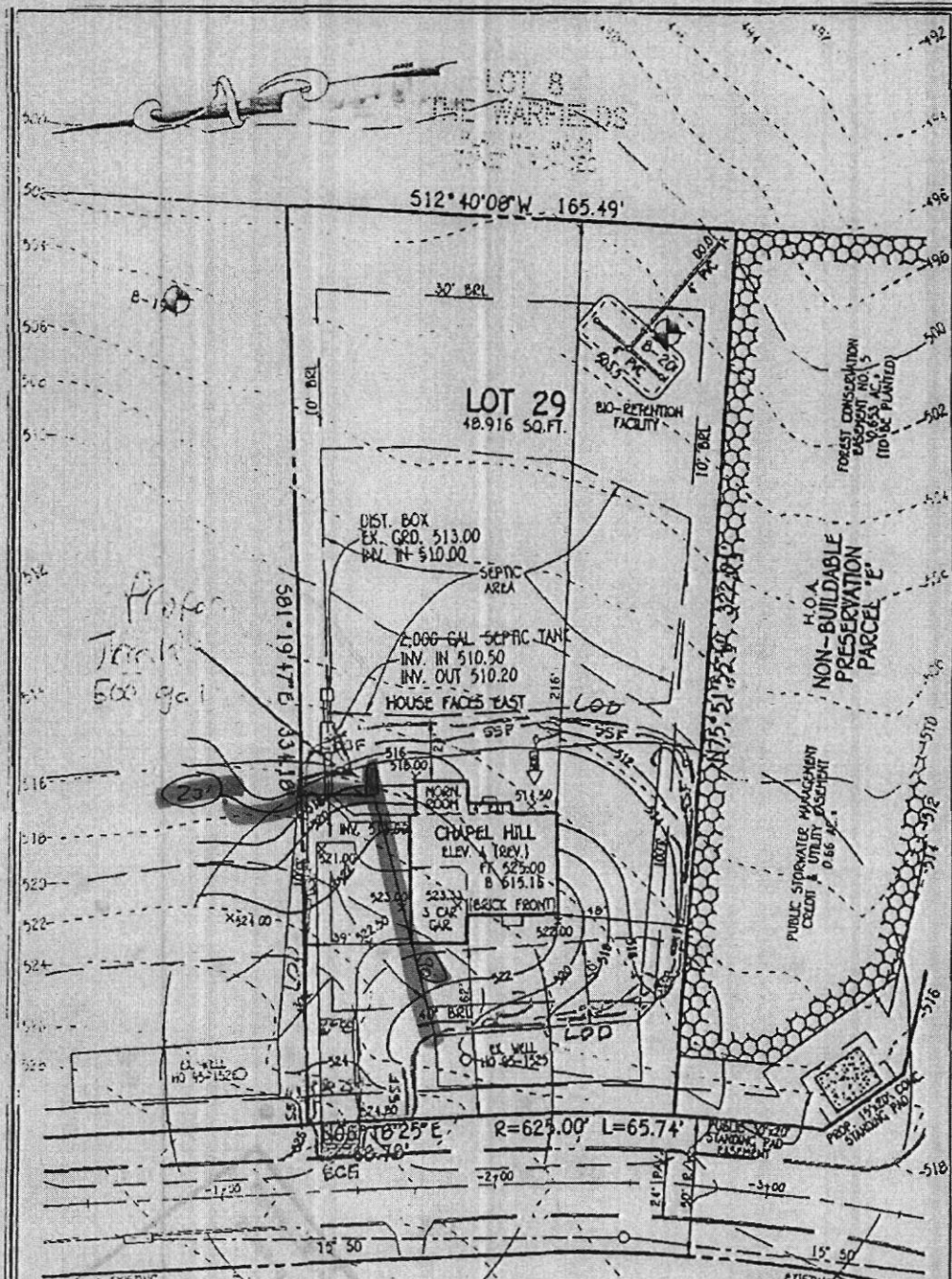
MICHELE DRIVE
(50' R/W)
EXISTING PUBLIC ROAD

NOTE
THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO 95-1525
HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC.,
PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461 - 2855

14671 TOWNSHIP 2210
THE WARFIELDS II
LOT 29
SECTION TWO
ZONED: RC-DEO

TAX MAP NO.: 21 GRID NO.: 23 PARCEL NO.: 55
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: FEBRUARY, 2013



*Proper
Tank
500 gal*

MICHELE DRIVE

Approved *[Signature]* System Plan
Howard County Health Department

[Signature] Signature *6/24/13* Date

**OK with
upgrading
of LP 22*

NOTE

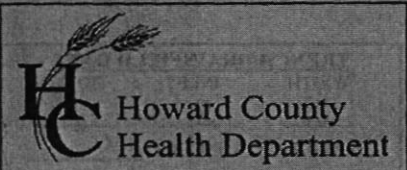
THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO 95-1525 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2895

14838 Michele Dr

~~1774 TRADER ROAD~~
THE WARFIELDS II
LOT 29
SECTION TWO
ZONED: RC-DEO

TAX MAP NO.: 21 GRID NO.: 23 PARCEL NO.: 55
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: FEBRUARY, 2013



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

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/17/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544445-1

INSTALLATION APPROVAL DATE: 2/10/13 **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 14838 Michele Drive
 SUBDIVISION: The Warfields II LOT: 29 TAX ID: 05-451981
 CONTRACTOR: South Carroll Backhoe EMAIL: scbackhoe@comcast.net
 CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157 PHONE: 410-596-3618
 PROPERTY OWNER: NVR Inc. EMAIL: _____
 OWNER ADDRESS: 9720 Patuxent Woods Drive PHONE: 410-379-5956

SEPTIC TANK SIZE (GALLONS): 2000
 PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: _____
 NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. 3,300 APPLICATION RATE: 0.8
 DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

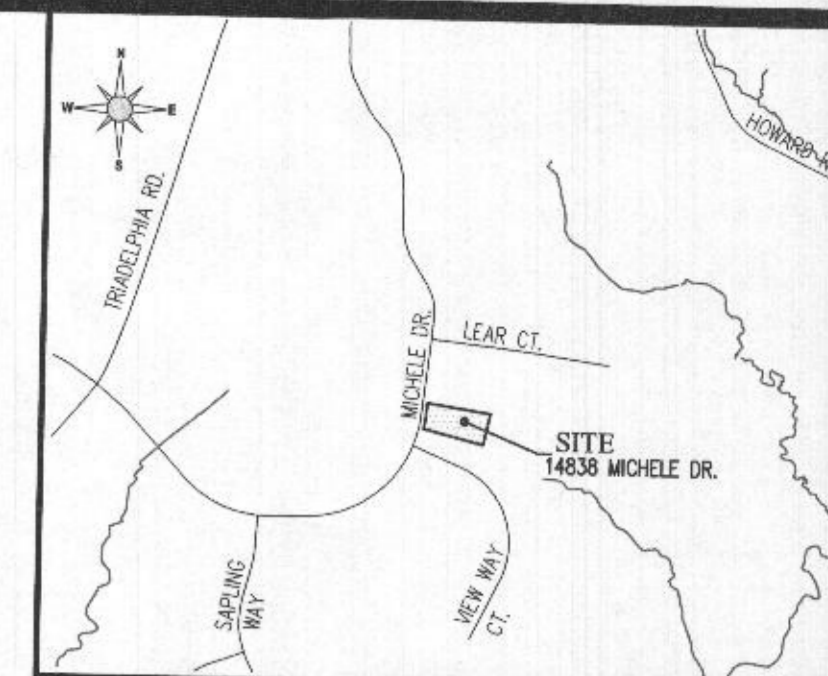
TRENCHES:	LINEAR FEET REQUIRED: <u>300' 247.5'</u>	INLET DEPTH: <u>4' 3'</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>8' 7'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>6</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>7' 5.5'</u> (For upper system)
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per plan. Set distribution per plan. Install 3 <u>4</u> <u>61'</u> trenches on contour. <u>4 x 61' Trenches</u>	

ISSUED BY: Heidi Scott ISSUE DATE: 5/28/13 EXPIRATION DATE: 12/17/13

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

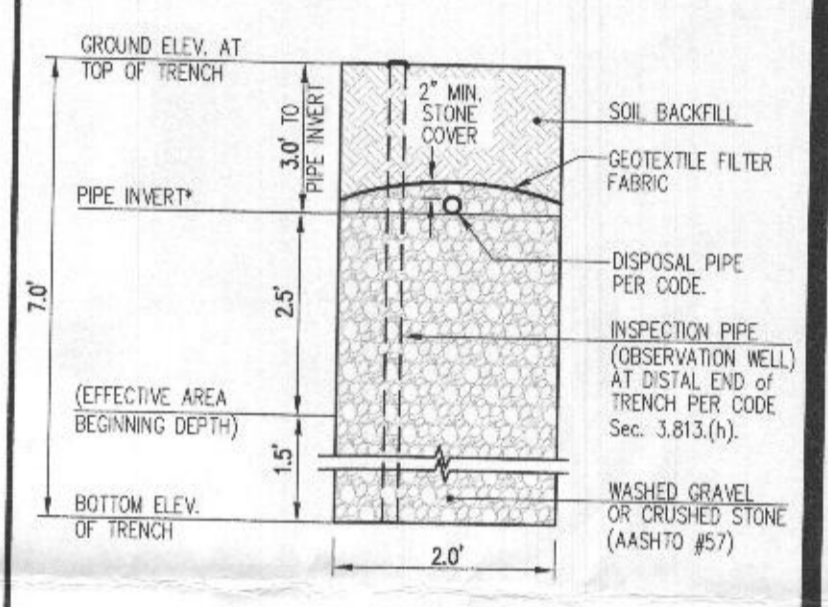
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.



VICINITY MAP
SCALE: 1" = 2,000'
ADC MAP: 23
GRID: F3

LEGEND

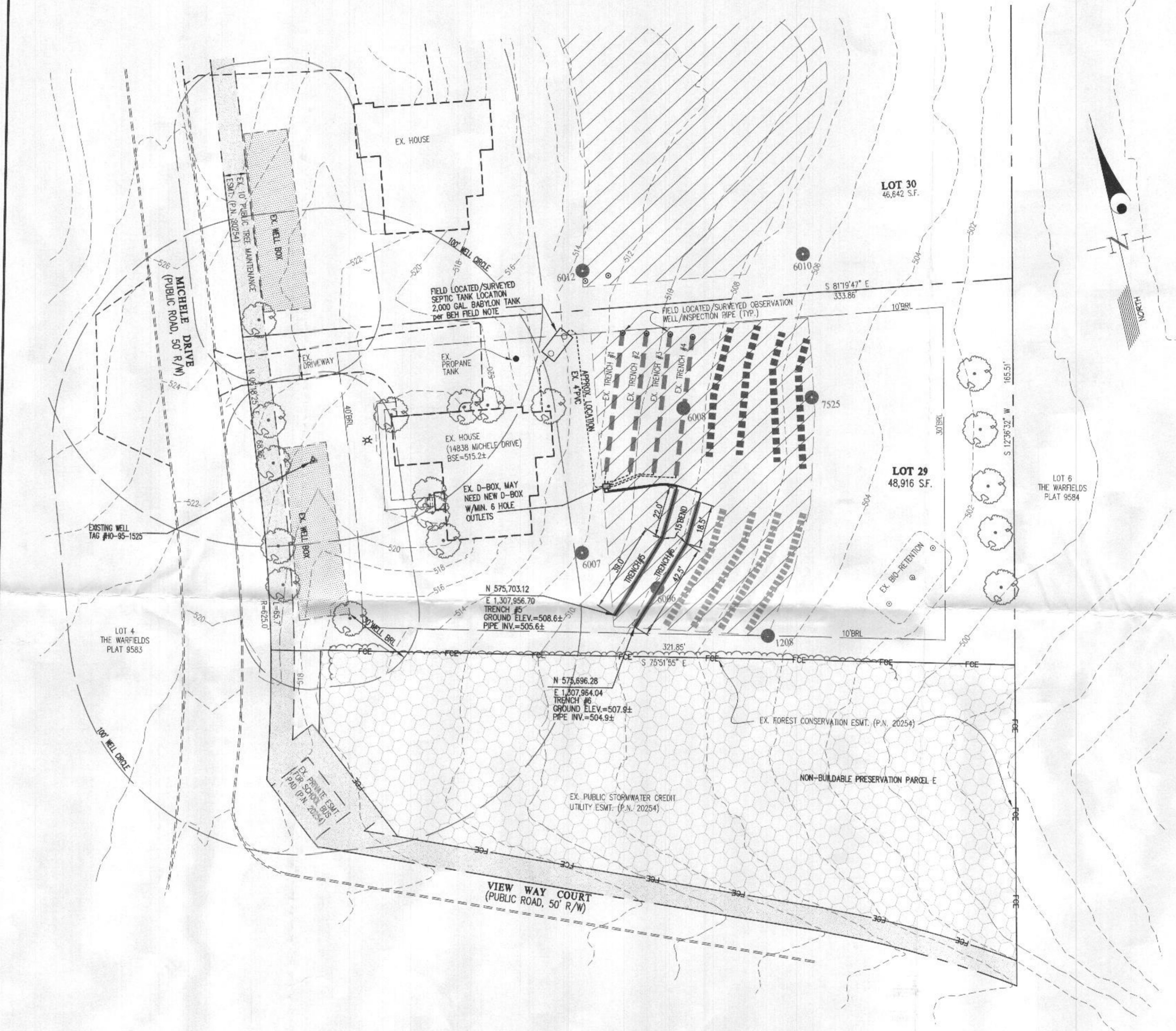
- 430 --- EXISTING CONTOUR
- [Symbol] EXISTING FOREST CONSERVATION EASEMENT
- [Symbol] EXISTING WELL BOX LOCATION
- [Symbol] EXISTING PRIVATE SEWAGE DISPOSAL AREA
- [Symbol] PERCOLATION TEST HOLES PASSED BY THE HEALTH DEPARTMENT
- [Symbol] EXISTING INITIAL SYSTEM 2' WIDE x 61' LONG TRENCH FOR 4 BEDROOMS per PUBLIC RECORDS
- [Symbol] PROPOSED INITIAL SYSTEM 2' WIDE x 61' LONG TRENCH FOR 5 BEDROOMS
- [Symbol] FIRST REPLACEMENT SYSTEM 3' WIDE TRENCH
- [Symbol] SECOND REPLACEMENT SYSTEM 3' WIDE TRENCH



NOTE:
SEE SDA TRENCH SIZE CALCULATIONS (ABOVE) AS PIPE INVERT & EFFECTIVE AREA BEGINNING DEPTH MAY NOT BE THE SAME FOR ALL SYSTEMS.

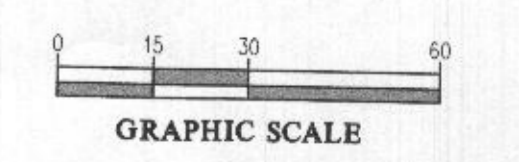
SEPTIC TRENCH #5 and #6
SECTION DETAIL NO SCALE

SDA TRENCH SIZE CALCULATIONS			
Warfields II - Lot 29			
14838 Michele Dr			
System Input Information	Initial System	Replacem't No.1	Replacem't System No.2
Application Rate	0.8	0.8	0.8
Effective area beginning depth	5.5	5.5	5.5
Effective area maximum bottom depth	7	7	7
Number of Bedrooms	5	5	5
Design flow at 150 gal./day/bedroom	750	750	750
Absorption Trench Calculations			
Drainfield area required (Design flow/application rate)	937.5	937.5	937.5
Effluent pipe depth to invert	3		
Effective sidewall depth "D" Depth between the effective beginning depth or pipe depth (which ever is deeper) and maximum trench bottom.	1.5	1.5	1.5
Trench Width "W" (2 or 3 feet)	2	3	3
Sidewall Reduction Percent $= (W-2)/(W+1.2D)$	66.67%	71.43%	71.43%
Linear feet of trench required $= (\text{drainfield area} \times \text{sidewall reduction})/W$	312.5	223.2	223.2
Trench Layout Information			
length of ex. Trenches to match	61		
Number of trenches to use	6	4	4
Min. length (linear feet)	52.1	55.9	55.9
Total (linear feet)	312.6	223.6	223.6
Minimum Trench Spacing:	10	10	10



- NOTES:**
- ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE 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 (TAG #10-95-1825) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
 - ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.

Approved Septic System Plan
Howard County Health Department
Dana Bywood 12-15-21
Signature Date



SCALE	ZONING	G. L. W. FILE No.
1" = 30'	RC-DEO	21166
DATE	TAX MAP - GRID	SHEET
NOV. 2021	27-5	1 OF 1

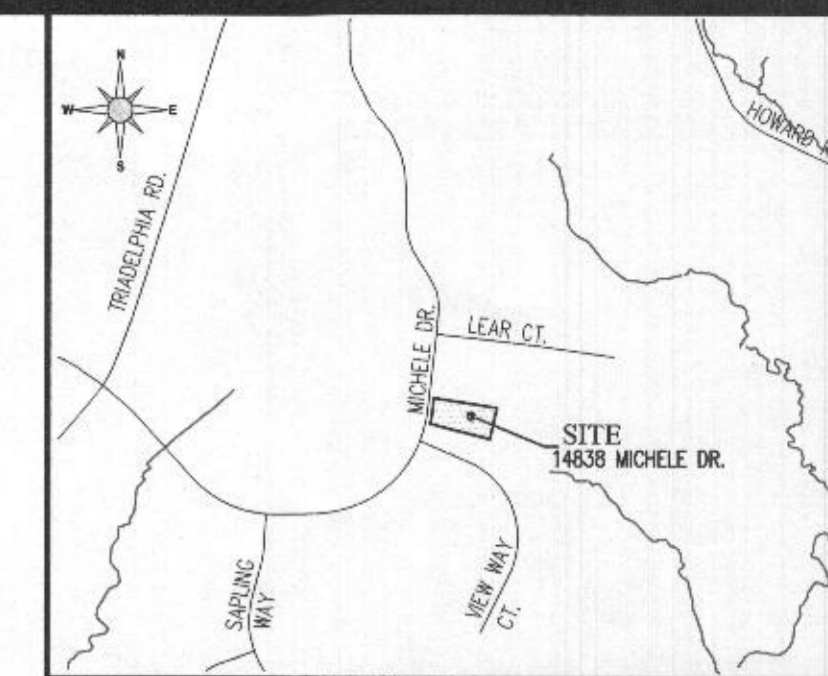
GLW
PLANNING | ENGINEERING | SURVEYING
3908 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM
PHONE: 301-421-4024 | BAL: 410-880-1820 | DC&VA: 301-989-2524 | FAX: 301-421-4186

DESIGNED BY:	mbt			
DRAWN BY:	klp			
CHECKED BY:	cks			
DATE		REVISION		BY APP'R.

PREPARED FOR:
OWNER:
AARON HICKS
14838 MICHELE DRIVE
GLENELG, MD 21737
443-562-1273
ceosh@aol.com

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS 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. 12975.
EXPIRATION DATE: MAY 28, 2022
12/1/21

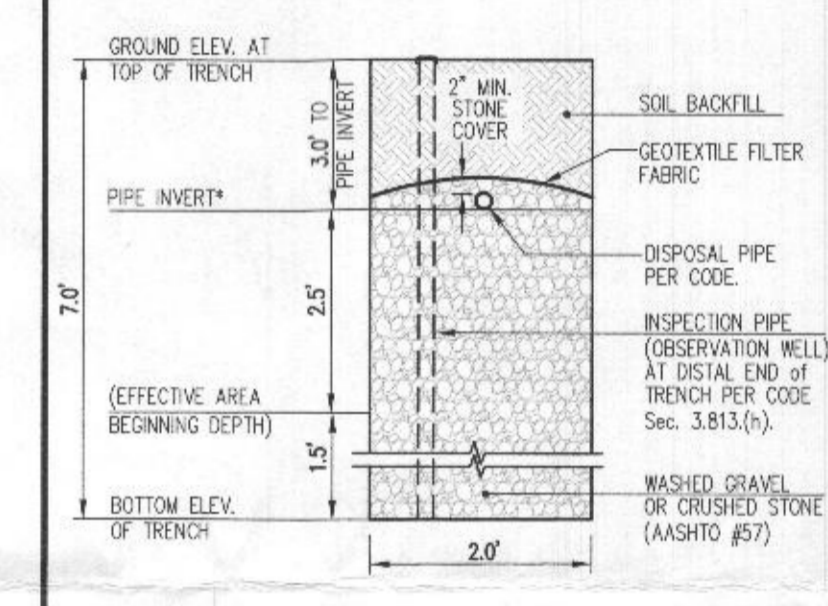
ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
THE WARFIELDS II
Lot 29 (14838 Michele Drive)
PLAT No. 20254
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND



VICINITY MAP
SCALE: 1" = 2,000'
ADC MAP: 23
GRID: F3

LEGEND

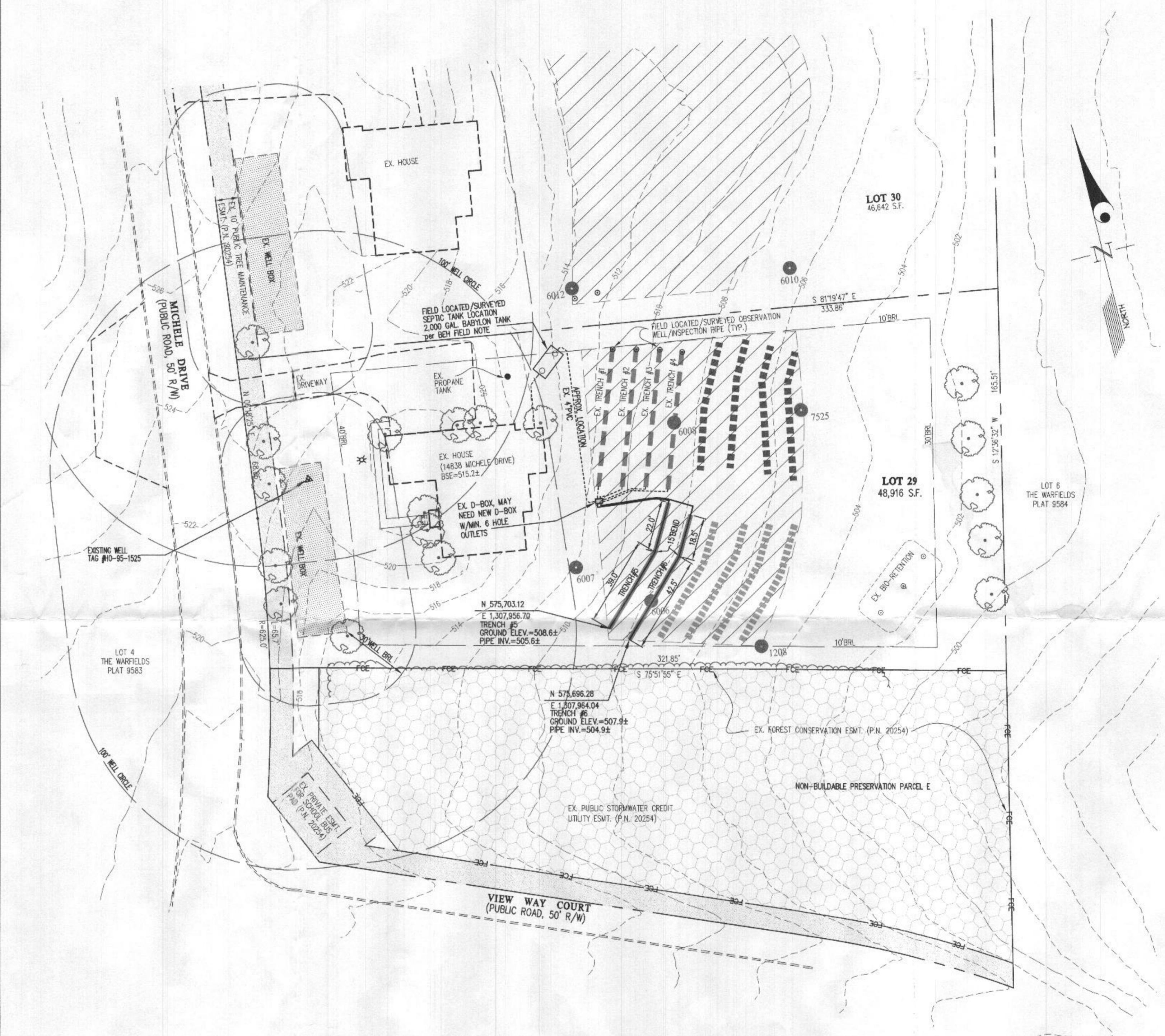
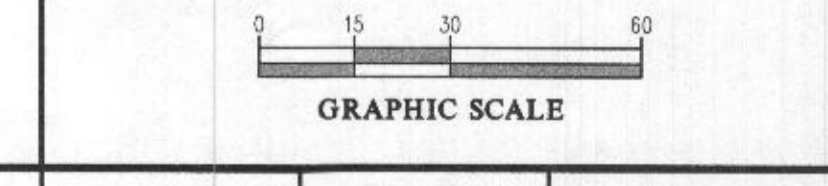
- - - - - EXISTING CONTOUR
- FCE - EXISTING FOREST CONSERVATION EASEMENT
- - - - - EXISTING WELL BOX LOCATION
- - - - - EXISTING PRIVATE SEWAGE DISPOSAL AREA
- PERCOLATION TEST HOLES PASSED BY THE HEALTH DEPARTMENT
- - - - - EXISTING INITIAL SYSTEM 2" WIDE x 61' LONG TRENCH FOR 4 BEDROOMS PER PUBLIC RECORDS
- - - - - PROPOSED INITIAL SYSTEM 2" WIDE x 61' LONG TRENCH FOR 5 BEDROOMS
- - - - - FIRST REPLACEMENT SYSTEM 3" WIDE TRENCH
- - - - - SECOND REPLACEMENT SYSTEM 3" WIDE TRENCH



*NOTE:
SEE SDA TRENCH SIZE CALCULATIONS (ABOVE) AS PIPE INVERT & EFFECTIVE AREA BEGINNING DEPTH MAY NOT BE THE SAME FOR ALL SYSTEMS.

SEPTIC TRENCH #5 and #6
SECTION DETAIL
NO SCALE

Approved Septic System Plan
Howard County Health Department
Dana Bernard 12-15-21
Signature Date



SDA TRENCH SIZE CALCULATIONS

Warfields II - Lot 29		14838 Michele Dr.	
System Input Information	Initial System	Replacem't System No. 1	Replacem't System No. 2
Application Rate	0.8	0.8	0.8
Effective area beginning depth	5.5	5.5	5.5
Effective area maximum bottom depth	7	7	7
Number of Bedrooms	5	5	5
Design flow at 150 gal./day/bedroom	750	750	750
Absorption Trench Calculations			
Drainfield area required (Design flow/application rate)	937.5	937.5	937.5
Effluent pipe depth to invert	3		
Effective sidewall depth "D" Depth between the effective beginning depth or pipe depth (which ever is deeper) and maximum trench bottom.	1.5	1.5	1.5
Trench Width "W" (2 or 3 feet)	2	3	3
Sidewall Reduction Percent = (W-2)/(W+2D)	66.67%	71.43%	71.43%
Linear feet of trench required = (drainfield area x sidewall reduction)/W	312.5	223.2	223.2
Trench Layout Information			
Length of ex. Trenches to match	61		
Number of trenches to use	6	4	4
Min. length (linear feet)	52.1	55.9	55.9
Total (linear feet)	312.6	223.6	223.6
Minimum Trench Spacing:	10	10	10

- NOTES:**
- ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE 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 (TAG #40-95-1525) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
 - ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.

GLW
PLANNING | ENGINEERING | SURVEYING
3900 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20886 | GLWPA.COM
PHONE: 301-421-4024 | BAL: 410-880-1820 | DC&VA: 301-989-2524 | FAX: 301-421-4186

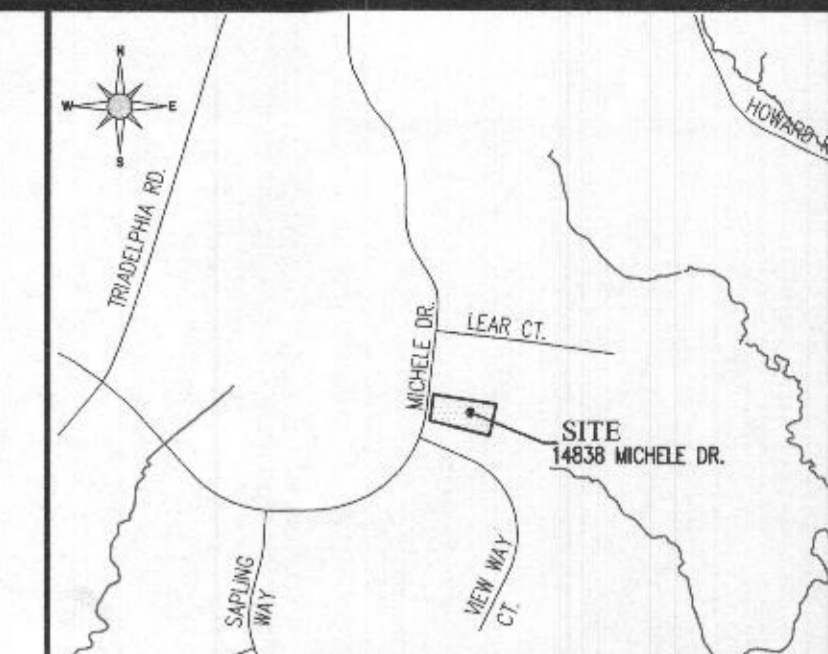
DESIGNED BY:	mbt			
DRAWN BY:	klp			
CHECKED BY:	ckg			
DATE	REVISION	BY	APPR.	

PREPARED FOR:
OWNER:
AARON HICKS
14838 MICHELE DRIVE
GLENMELC, MD 21737
443-562-1273
ceoosh@aol.com

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS 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. 12975
EXPIRATION DATE: MAY 26, 2022
12/1/21

ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
THE WARFIELDS II
Lot 29 (14838 Michele Drive)
PLAT No. 20254
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND

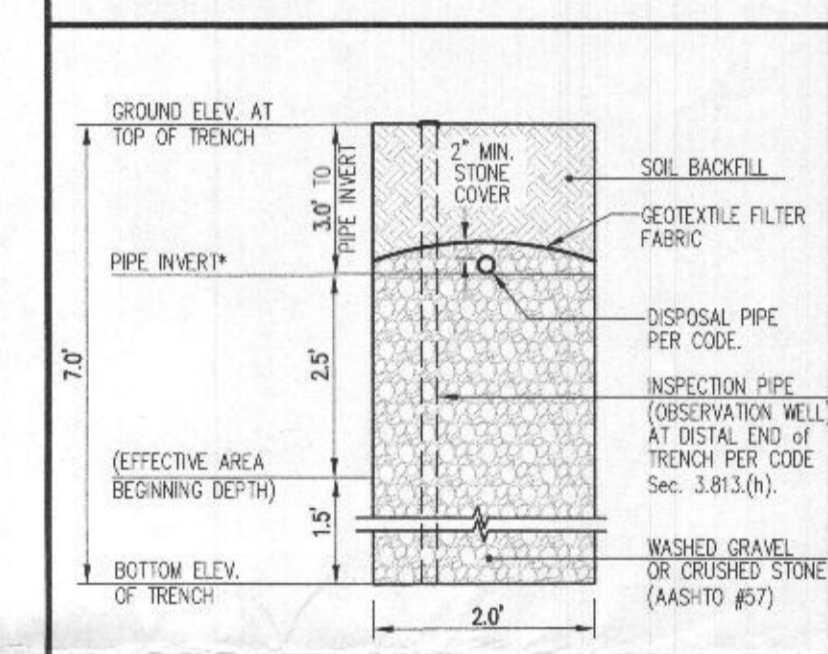
SCALE	ZONING	G. L. W. FILE No.
1" = 30'	RC-DEO	21166
DATE	TAX MAP - GRID	SHEET
NOV. 2021	27-5	1 OF 1



VICINITY MAP
SCALE: 1" = 2,000'
ADD MAP: 23
GRID: F3

LEGEND

- - - - - EXISTING CONTOUR
- FCE --- EXISTING FOREST CONSERVATION EASEMENT
- FCE --- EXISTING WELL BOX LOCATION
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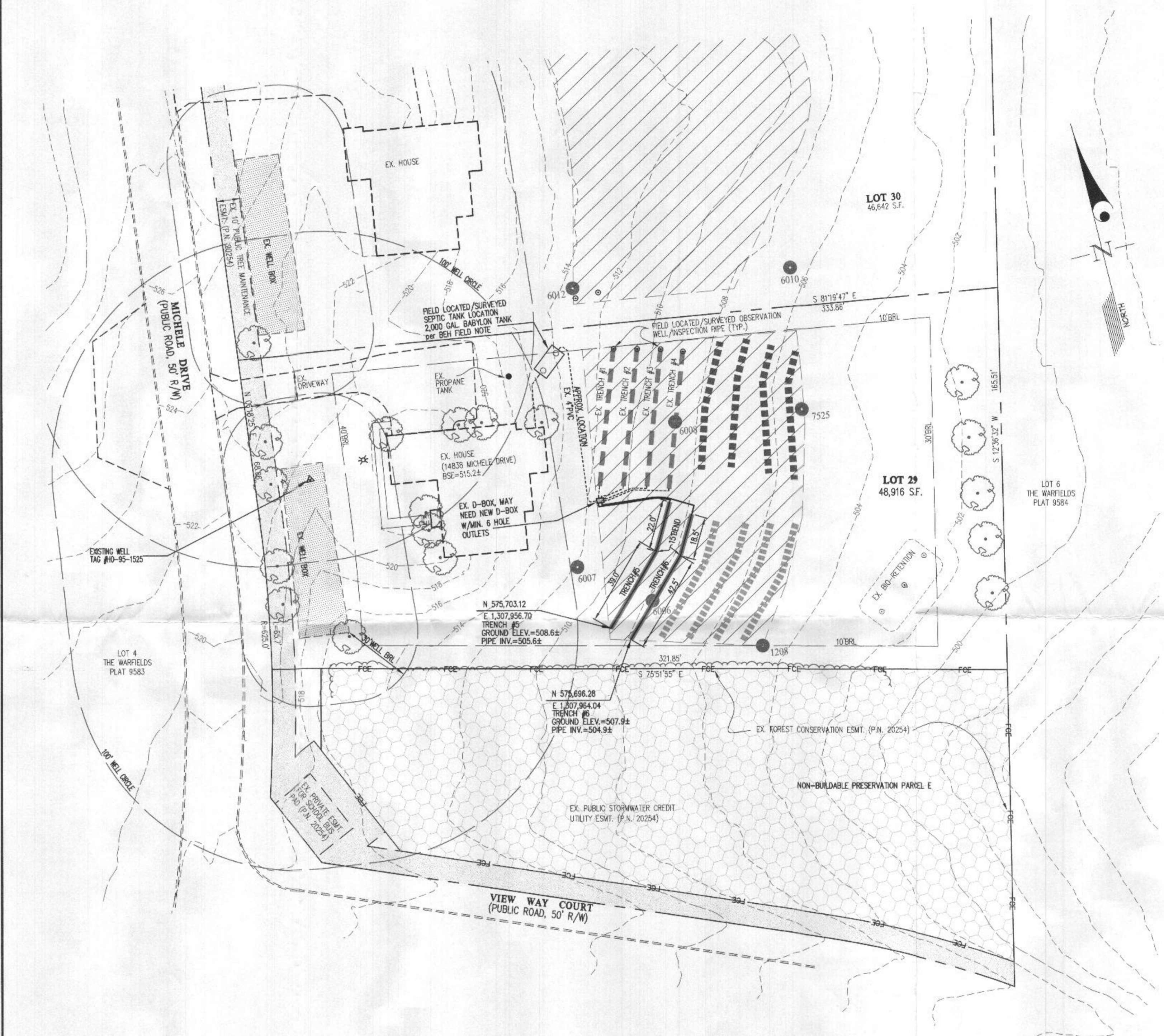


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SEPTIC TRENCH #5 and #6
SECTION DETAIL
NO SCALE

Approved Septic System Plan
Howard County Health Department
Dana Beard 12-15-21
Signature Date

0 15 30 60
GRAPHIC SCALE



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PHONE: 301-421-4024 | BAL T: 410-680-1820 | DC/VA: 301-989-2524 | FAX: 301-421-4188

DESIGNED BY:	mbt			
DRAWN BY:	ktp			
CHECKED BY:	ckg			
DATE	REVISION	BY	APPR.	

PREPARED FOR:

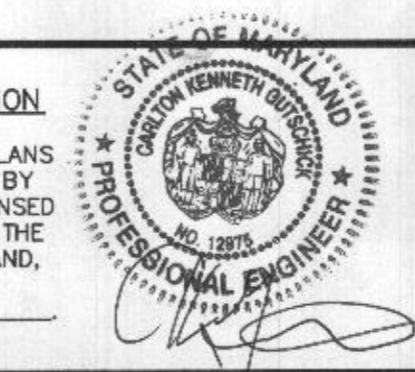
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EXPIRATION DATE: MAY 26, 2027

12/1/21



ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

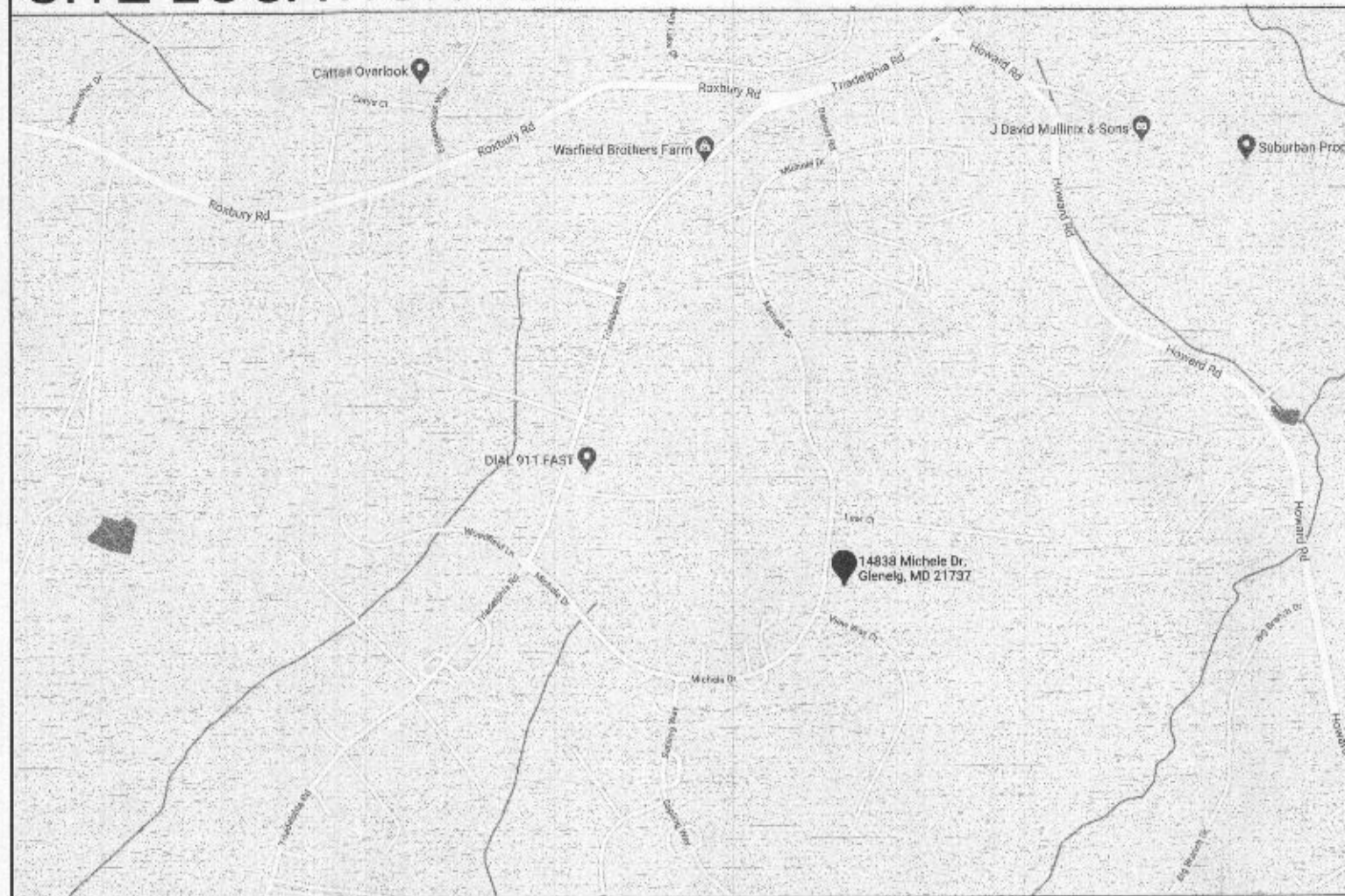
THE WARFIELDS II
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ELECTION DISTRICT No. 4

HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
1" = 30'	RC-DEO	21166
DATE	TAX MAP - GRID	SHEET
NOV. 2021	27-5	1 OF 1

SITE LOCATION MAP NOT TO SCALE



BUILDING DATA

SITE & ZONING:	CODES:	2018 INTERNATIONAL BUILDING CODE (R-3) 2018 INTERNATIONAL RESIDENTIAL CODE (R-3) 2018 INTERNATIONAL ENERGY CODE
OWNER:	AARON HICKS	
ADDRESS:	14838 MICHELE DR GLENELG, MD 21737	
TAX ACCOUNT #:	451981	SQUARE FOOTAGE ESTIMATES
TAX MAP:	0027	RENOVATION OF UNFINISHED BASEMENT INTO ACCESSORY APARTMENT: 1227 SF
PARCEL:	0114	RENOVATION MEETS ZONING REQUIREMENT OF LESS THAN 1/3 NET FLOOR AREA AND LESS THAN 1500 SF
ZONING:	RC	
SETBACKS:		FIRST FLOOR REAR DECK ADDITION: 435 SF (PHASE 2)
FRONT=	40'	TOTAL: 1662 SF
SIDE=	10'	EXISTING HOUSE SF: 6691 SF
REAR=	30'	
SEPTIC =	20'	
NOTE: EXISTING HOUSE IS EQUIPPED WITH AN R13 SPRINKLER		

ABBREVIATIONS ARCHITECTURAL DRAWINGS ONLY

AT NUMBER, POUND AND DIAMETER	FK FIRE HOSE CABINET	PLUM PLASTER	PLASTIC LAMINATE
AB ANCHOR BOLT	FLR FLOORING	PLAS PLASTER	PLYWOOD
ABV ABOVE	FLU FLUORESCENT	PLY PLYWOOD	PREPREFABRICATED
ACC ACCESSIBLE	FR FIRE RATED, FRONT	PSI POUNDS PER SQUARE INCH	PSI POUNDS PER SQUARE INCH
ACD AIR CONDITIONING	FRF FIRE RETARDANT TREATED FEET FOOT	PTD PAINTED PAPER TOWEL DISPENSER	PTD PAINTED PAPER TOWEL DISPENSER
ACI ACCESSIBLE	FTG FOOTING	PTN PARTITION	PTN PARTITION
ACP ACoustICAL CEILING PANEL	FURN FURNITURE	QUAL QUANTITY	QUANTITY
ACT ACoustICAL CEILING TILE	FV FIELD VERIFY	QTY QUANTITY	QUANTITY
AD AREA DRAIN	GA GAUGE	R RADII, RISER(S), RANGE	RADII, RISER(S), RANGE
ADA ADA ARCHITECTURAL GUIDELINES	GALV GALVANIZED	RUBER RUBBER	REFLECTED CEILING PLAN
ADM ADMINISTRATION	GEN GENERAL CONTRACTOR	RD ROOF DRAIN	REINFORCING BAR
ADJ ADJUSTABLE	GENL GENERAL CONTRACTOR UNDERLAYMENT	REBAR REINFORCING BAR	REFLECTED
AGG AGGREGATE	GENL GENERAL CONTRACTOR UNDERLAYMENT	REF REFLECTED	REFLECTED
AIR AIR HANDLING UNIT	GFI / GFI GROUND FAULT CIRCUIT INTERRUPTED	REF REFLECTED	REFLECTED
AL ALUMINUM	GL GLASS, GLAZING	REF REFLECTED	REFLECTED
ALT ALTERNATE	GWB/GYPB GYPSUM WALL BOARD	REF REFLECTED	REFLECTED
ANC ANCHOR ANCHORAGE	H HIGH	REF REFLECTED	REFLECTED
AND ANODIZED	HB HOSE BIB	REF REFLECTED	REFLECTED
APPROX APPROXIMATE	HD HEAVY DUTY HAND DRYER	REF REFLECTED	REFLECTED
ARCH ARCHITECTURAL	HGT / HT HEIGHT	REF REFLECTED	REFLECTED
ATM AUTOMATIC TELLER MACHINE	HM HOLLOW METAL	REF REFLECTED	REFLECTED
AUTO AUTOMATIC	HORIZ HORIZONTAL	REF REFLECTED	REFLECTED
BD BOARD	HP HIGH POINT	REF REFLECTED	REFLECTED
BELOW BELOW	HR HOUR	REF REFLECTED	REFLECTED
BKLD BULKHEAD	HVAC HEATING, VENTILATION, AIR CONDITIONING	REF REFLECTED	REFLECTED
BLK BLOCK	HWWD HARDWOOD	REF REFLECTED	REFLECTED
BLDG BUILDING	INT INTERNATIONAL BUILDING CODE	REF REFLECTED	REFLECTED
BTM BOTTOM	IN INCH	REF REFLECTED	REFLECTED
BRK BREAK ROOM	INCO INFORMATION	REF REFLECTED	REFLECTED
BTR BETWEEN	INS INSULATION	REF REFLECTED	REFLECTED
BULF BUILT UP ROOFING	INT INTERIOR	REF REFLECTED	REFLECTED
C CHANNEL (COURSES MASONRY)	INV INVERTED	REF REFLECTED	REFLECTED
CAB / CABT CABINET	JT JOINT	REF REFLECTED	REFLECTED
CEM CEMENT	JST JOIST	REF REFLECTED	REFLECTED
CH CHANNEL	K KIP, 1000	REF REFLECTED	REFLECTED
CEILING HEIGHT CONTROL JOINT	KN KNOCKOUT	REF REFLECTED	REFLECTED
CL CENTER LINE	L LONG, ANGLE	REF REFLECTED	REFLECTED
CLG CEILING	LAM LAMINATED	REF REFLECTED	REFLECTED
CLR CLEAR, CLEARANCE	LAV LAVATORY	REF REFLECTED	REFLECTED
CM CENTIMETER	LF LINEAR FEET	REF REFLECTED	REFLECTED
CMU CONCRETE MASONRY UNIT	LH LEFT HAND	REF REFLECTED	REFLECTED
COL COLUMN	LN LINEAR	REF REFLECTED	REFLECTED
CONC CONCRETE	LKR LOCKER	REF REFLECTED	REFLECTED
CONSTR CONSTRUCTION	LP LOW POINT	REF REFLECTED	REFLECTED
CONTR CONTRACTOR	LT LIGHT	REF REFLECTED	REFLECTED
CORR CORRUGATED, CORRIDOR	LTL LINTEL	REF REFLECTED	REFLECTED
COUR COURSES MASONRY	LVR LOUVER	REF REFLECTED	REFLECTED
CT CERAMIC TILE	M MEN, METER (MEASUREMENT)	REF REFLECTED	REFLECTED
CTP CENTER COUNTER	MAN MANUFACTURER	REF REFLECTED	REFLECTED
CUR CURTAIN	MAT MAT	REF REFLECTED	REFLECTED
D DEEP, DIAMETER, DRAIN, DRYER	MAX MAXIMUM	REF REFLECTED	REFLECTED
DBL DOUBLE	MEC MECHANICAL	REF REFLECTED	REFLECTED
DEM DEMOLITION	MEM MEMBRANE	REF REFLECTED	REFLECTED
DET DETAIL	MEZZ MEZZANINE	REF REFLECTED	REFLECTED
DH DOUBLE HUNG	MFD MANUFACTURED	REF REFLECTED	REFLECTED
DIA DIAGONAL	MIC MICRO	REF REFLECTED	REFLECTED
DISP DISPENSER	MIN MINIMUM	REF REFLECTED	REFLECTED
DIV DIVISION(S)	MISC MISCELLANEOUS	REF REFLECTED	REFLECTED
DN DOWN	MS MASONRY OPENING	REF REFLECTED	REFLECTED
DPP DAMP PROOFING	MTD MOUNTED	REF REFLECTED	REFLECTED
DR DOOR	MTR METER (DEVICE)	REF REFLECTED	REFLECTED
DS DOWNSPOUT	MULL MULLION	REF REFLECTED	REFLECTED
DTL DETAIL	N NORTH	REF REFLECTED	REFLECTED
DWG(S) DRAWING(S)	NOT NOT APPLICABLE	REF REFLECTED	REFLECTED
E EAST	NO NOT IN CONTRACT	REF REFLECTED	REFLECTED
EA EACH	NO NUMBER	REF REFLECTED	REFLECTED
EE EACH END	NOM NOMINAL	REF REFLECTED	REFLECTED
EL / ELEV ELEVATION	NOT NOT TO SCALE	REF REFLECTED	REFLECTED
ELEC ELECTRICAL	NO NOT TO SCALE	REF REFLECTED	REFLECTED
EMER EMERGENCY	NO NOT TO SCALE	REF REFLECTED	REFLECTED
ENCL ENCLOSURE	NO NOT TO SCALE	REF REFLECTED	REFLECTED
EQ EQUAL	NO NOT TO SCALE	REF REFLECTED	REFLECTED
EQUI EQUIPMENT	NO NOT TO SCALE	REF REFLECTED	REFLECTED
EXP EXISTING	NO NOT TO SCALE	REF REFLECTED	REFLECTED
EXP EXPANDED, EXPANSION	NO NOT TO SCALE	REF REFLECTED	REFLECTED
EXT EXTERIOR	NO NOT TO SCALE	REF REFLECTED	REFLECTED
FCU FAN COIL UNIT	NO NOT TO SCALE	REF REFLECTED	REFLECTED
FD FLOOR DRAIN	NO NOT TO SCALE	REF REFLECTED	REFLECTED
FE FOUNDATION	NO NOT TO SCALE	REF REFLECTED	REFLECTED
FE FIRE EXTINGUISHER	NO NOT TO SCALE	REF REFLECTED	REFLECTED
FF FIRE EXTINGUISHER CABINET	NO NOT TO SCALE	REF REFLECTED	REFLECTED
FIN FINISHED FLOOR	NO NOT TO SCALE	REF REFLECTED	REFLECTED
FIN FINISHED	NO NOT TO SCALE	REF REFLECTED	REFLECTED

RENOVATION & ADDITION TO HICKS RESIDENCE

14838 Michele Dr.
Glenelg, MD 21737

OWNER
AARON HICKS
14838 MICHELE DR
GLENELG, MD 21737
CONTACT: AARON HICKS
443-562-1273
CEOASH@AOL.COM

ARCHITECT
PENZA BAILEY ARCHITECTS
401 WOODBOURNE AVE
BALTIMORE, MD 21212
CONTACT: JEFF PENZA
401-435-6677 EXT.
JPENZA@PENZABAILEY.COM

STRUCTURAL
MORABITO CONSULTANTS
952 RIDGEBROOK ROAD, SUITE 1700
SPARKS, MD 21152
CONTACT: FRED MORABITO
410-467-2377
FRED@MORABITOCONSULTANTS.COM

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D1.1	DEMOLITION PLAN - BASEMENT
ARCHITECTURAL	
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A2.1	EXTERIOR ELEVATIONS - NORTH & SOUTH
A2.2	EXTERIOR ELEVATIONS - WEST
A4.1	INTERIOR ELEVATIONS - KITCHEN
A4.2	INTERIOR ELEVATIONS - BATHROOM
A5.1	WALL SECTIONS - DETAILS
A6.1	SCHEDULES
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E2.0	LIGHTING PLAN - BASEMENT
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S1.1	FOUNDATION & BASEMENT PLAN
S2.1	STRUCTURAL NOTES & DETAILS

GENERAL CONTRACTOR NOTES

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE LATEST VERSIONS OF ALL APPLICABLE LOCAL, STATE, AND FEDERAL AUTHORITIES, CODES, RULES, AND REGULATIONS.
- CONTRACTOR IS SPECIFICALLY RESPONSIBLE FOR ALL MEANS AND METHODS OF JOB SITE SAFETY.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS.
- CONTRACTOR IS RESPONSIBLE OF ALL HAZMAT REMOVAL RELATED TO THE PROJECT DEMOLITION AND NEW WORK. HAZARDOUS MATERIAL ABATEMENT SHALL BE DONE IN FULL COMPLIANCE WITH CITY, STATE, AND FEDERAL REGULATIONS. CONTACT OWNER FOR A COPY OF HAZMAT REPORT.
- NO MATERIALS CONTAINING ASBESTOS WILL BE USED.
- ALL PAINTING AND COATING MATERIALS, BOTH INTERIOR AND EXTERIOR, TO BE FREE OF LEAD AND MERCURY.
- MATERIALS SHALL HAVE LOW OR NO "VOLATILE ORGANIC EMISSIONS" (V.O.C.) COMPLIANT WITH STATE AND LOCAL REGULATIONS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FILED. VERIFY ALL EXISTING CONDITIONS AS THEY RELATE TO THE WORK. REQUEST CLARIFICATION OF ALL CONFLICTS PRIOR TO PROCEEDING. THE CONTRACTOR SHALL CONTACT THE ARCHITECT IMMEDIATELY REGARDING ANY DIMENSIONAL DISCREPANCIES NOTED ON THE DRAWINGS OR INCURRED DURING THE CONSTRUCTION PROCESS. NO ADDITIONAL COST WILL BE PAID FOR VARYING DIMENSIONAL CONDITIONS.
- ALL DIMENSIONS SHOWN ON DRAWINGS ARE NOTED FROM FACE OF C.M.U., CONCRETE, MASONRY, OR ROUGH FRAMING. FINISH MATERIAL DIMENSIONS MAY BE USED WITH EXISTING CONDITIONS AND DETAILS. DRAWINGS SHALL NOT BE SCALED.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND CONFIRMING ALL QUANTITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. LISTED QUANTITY ASSUMPTIONS ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND CONFIRMING ALL QUANTITIES.
- CONTRACTOR SHALL MAKE THEMSELVES FAMILIAR WITH ALL SITE CONDITIONS, UTILITIES, ELEVATIONS AND DIMENSIONS PRIOR TO START OF WORK. THE CONTRACTOR IS TO CONTACT THE OWNER/ARCHITECT FOR ANY DISCREPANCIES. THE CONTRACTOR IS RESPONSIBLE FOR SURVEY, LAYOUT, AND COORDINATION OF ALL WORK.
- DURING THE BID PHASE, CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE FOR REVIEWING AND PRICING ALL CONTRACT DOCUMENTS AS A COMPLETE SET.
- CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO BUILDING AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT ALL EQUIPMENT AND BUILDING FROM DUST AND WATER DAMAGE.
- ALL WORK SHALL BE DONE IN WORKMANLIKE MANNER AND IN CONFORMANCE WITH MANUFACTURER'S INSTALLATION AND GUARANTEE REQUIREMENTS.
- PROVIDE ELECTROLYTIC PROTECTION WITH BITUMINOUS COATING BETWEEN METAL AND CONCRETE. ANY CONFLICT IN THE DRAWINGS OR BETWEEN DRAWINGS AND SPECIFICATIONS ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT. THE CONTRACTOR SHALL NOT PROCEED WITH WORK UNTIL WRITTEN CLARIFICATION FROM THE ARCHITECT IS RECEIVED.
- ANY UNFORESEEN OR UNCLEAR CONDITIONS TO BE REPORTED TO THE ARCHITECT AND OWNER PRIOR TO PROCEEDING WITH WORK.
- ANY DEVIATION FROM OR IN FIELD ALTERATION TO THESE DRAWINGS AND SPECIFICATIONS IS STRICTLY PROHIBITED WITHOUT PRIOR APPROVAL OF ARCHITECT OR OWNER. ANY SUCH ALTERATIONS SHALL BE CORRECTED AT ONCE, WITH NO EXPENSE TO THE OWNER.
- DEMOLITION, CUTTING AND PATCHING OF ANYTHING REQUIRED TO CONSTRUCT THE PROJECT IS HERIN MADE A PART OF THE PROJECT SCOPE OF WORK AND SHALL CONFORM TO THE LEVEL OF FINISH REQUIRED FOR THE PROJECT.
- ALL NAILERS, BLOCKING, SHIMS, FURRING, AND OTHER ROUGH CARPENTRY FOR USE AT CONCRETE OR MASONRY MATERIALS SHOWN ON DRAWINGS SHALL BE PRESSURE AND FIRE RETARDANT TREATED. PRESERVATIVE TREATMENT FOR GROUND-CONTACT APPLICATION SHALL FOLLOW THE AMERICAN WOOD PROTECTION ASSOCIATION (AWPA).
- ALL EXPOSED STEEL, SUCH AS, BUT NOT LIMITED TO, BEAMS, COLUMNS, LINTELS, ANGLES AND JOINTS SHALL BE GALVANIZED AND COATED BY CORROSIVE RESISTANT PAINT ON ALL SURFACES. COLOR TO BE SELECTED.
- ALL EXPOSED TO VIEW CONCRETE SURFACES SHALL HAVE CLASS "A" FINISH.
- PROVIDE SHOP DRAWINGS FOR ALL NEW CASEWORK INCLUDING CABINETS, SHELVING, RADIATOR COVERS, VANITIES, AND DESK. ALL DRAWINGS SHALL BE AT A MINIMUM OF 1/2" = 1'-0" FOR PLAN, ELEVATION, AND SECTION, WITH 1/2" = 1'-0" DETAILS. DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. DIGITAL DRAWINGS IN PDF FORMAT WILL BE ACCEPTABLE FOR SUBMISSION.
- ALL WIRING, EXISTING AND NEW, INCLUDING COAXIAL CABLE, NETWORK, LOW-VOLTAGE, AND AUDIO / VISUAL, SHALL BE COMPLETELY CONCEALED IN WALL OR BEHIND MOULDING AND BASEBOARDS.
- ALL HYDRONIC PIPING TO BE COMPLETELY CONCEALED BELOW OR WITHIN NEW CASWORK. REROUTE/ RECONFIGURE AS REQUIRED.

PENZA + BAILEY
ARCHITECTS
401 Woodbourne Avenue
Baltimore, Maryland 21212
T 410-435-6677 | F 410 435 6868
www.PenzaBailey.com



Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the state of Maryland, license number 7286, Expiration Date 09/29/2022.

RENOVATION & ADDITION TO

HICKS RESIDENCE

14838 Michele Dr.
Glenelg, MD 21737

#	DATE	DESCRIPTION

ISSUED FOR:
 REVIEW SD SET
 BID DD SET
 PERMIT CD SET

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DRAWN: KW PROJECT # 21003
CHECKED: JEFFREY PENZA, AIA
CAD FILE: Z:\JPA Projects\21003 Hicks Residence\Drawings\CAD\Hicks permit 12-22.rvt
DATE: 10/14/2021

COVER SHEET

G1.1

SYMBOLS

ROOM NAME	SPACE TITLE	SPACE NUMBER	
123			
101	DOOR NUMBER		
A	WINDOW TYPE		
B	PARTITION TYPE		
1	REVISION		
3	KEYNOTE		
2	EQUIPMENT		
1	ELEVATION		
A2-1			
1	INTERIOR ELEVATION		
A4-1			
2			
A3-1			
3	SECTION		
A3-1			
1	DETAIL		

MATERIALS

TIMBER WOOD FRAMING	CMU	STANDARD CONCRETE
FINISH WOOD	BRICK	LIGHTWEIGHT CONCRETE
PLYWOOD	STONE MASONRY	REINFORCING BARS
HARDBOARD PARTICLE BOARD	MARBLE	STEEL
SPRAY FOAM INSULATION	FACING TILE	ALUMINUM
FLEXIBLE INSULATION	RIGID INSULATION, STRUCTURAL GLAZED TILE	GWB, PLASTER MORTAR, SAND
ACCOUSTICAL TILE OR PANELS	PRECAST STONE OR CONCRETE	STUCCO
GLASS LARGE SCALE	GRAVEL FILL	FLAGSTONE SLATE
GLASS OR METAL SMALL SCALE	EARTH	CERAMIC QUARRY TILE
SCREENING	POROUS FILL	RESILIENT FLOORING