



Howard County
Health Department

Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

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

RECEIPT DATE:

3/10/23

ONSITE SEWAGE DISPOSAL SYSTEM

P

574023

APPROVAL DATE:

3/30/23

PERMIT: CONSTRUCTION

A

PROPERTY ADDRESS: 14430 Triadelphia Mill Road

SUBDIVISION: Gedin Property

LOT: -

TAX ID:

05 361583

CONTRACTOR:

Taylor Precision Excavation

EMAIL:

ntewmo@aol.com

CONTRACTOR ADDRESS:

104 Taylor Rd Street, MD 21154

PHONE:

443-686-2523

PROPERTY OWNER:

Kory and Tony Gedin

EMAIL:

OWNER ADDRESS: 1418 Madison Ave, Baltimore, MD 21217

PHONE:

SEPTIC TANK SIZE (GALLONS):

2000

TANK MANUFACTURER:

Back River

PUMP MODEL:

PUMP SIZE

PUMP TANK CAPACITY:

DISTRIBUTION SYSTEM:



GRAVITY



PRESSURE DOSED

BEDROOMS:

7

APPLICATION RATE:

0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>198.9</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4.5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:		

ISSUED BY:

H. Donald

ISSUE DATE:

3/20/23

EXPIRATION DATE:

3/20/24

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 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



ELECTRICAL PERMIT ISSUED

E

N/A

NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

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.

NOT TO SCALE

4/4/23 - left vm for builder regarding well cap for well which is currently covered by a piece of plastic (R)

See separate
sheet for As built

3/28/23 - reviewed file and found that wall check was not reviewed by any LEHS and the system was already installed - we may have missed this before the pre-con. (R)

3/28/23 - wall check provided by builder

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	8'
NUMBER OF TRENCHES		3
TOTAL LENGTH		204'
ABSORPTION AREA		612' + Sidewall
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	yes
MANUFACTURER	Back River
CAPACITY	2000 GAL
SEAM LOC	top
TANK LID DEPTH	2' - 2 1/2'
BAFFLES	front 6" / back 4"
BAFFLE FILTER	-
MANHOLE LOC	front / back
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	yes
DATE ON LID	12/12/22

PUMP/SEPTIC TANK LEVEL

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

3/22/2023 - Vertical Stakes for 12 inch D box. All but one set corner staked, stone was moved for silt blocking. Trench 2 moved slightly due to proximity to tree but still on contour. Trench 3. 68' long, Trench 2 + 1 67' long (RRIS)

INSTALLATION: 3/29/23 - site inspection, contractor onsite, sewer line constructed, septic tank installed and 2 of 3 trenches completed, stone ok, fabric in place in trenches, septic tank baffles ok (4" metal baffle on outlet), soils consistent w/ perc data from perc holes B1 & B2 (see pics), ok to continue backfill as needed to get equipment to 3rd trench. 3/30/23 - contractor onsite, system installation completed, last trench looks good (same stone), fabric in place, all trenches have observation ports, dbox leveled w/ leveler (distribution of H2O to trenches ok). Transit onsite 3/29/23 & 3/30/23 and contractor shooting the trench bottoms during installation. OK to backfill. (R)

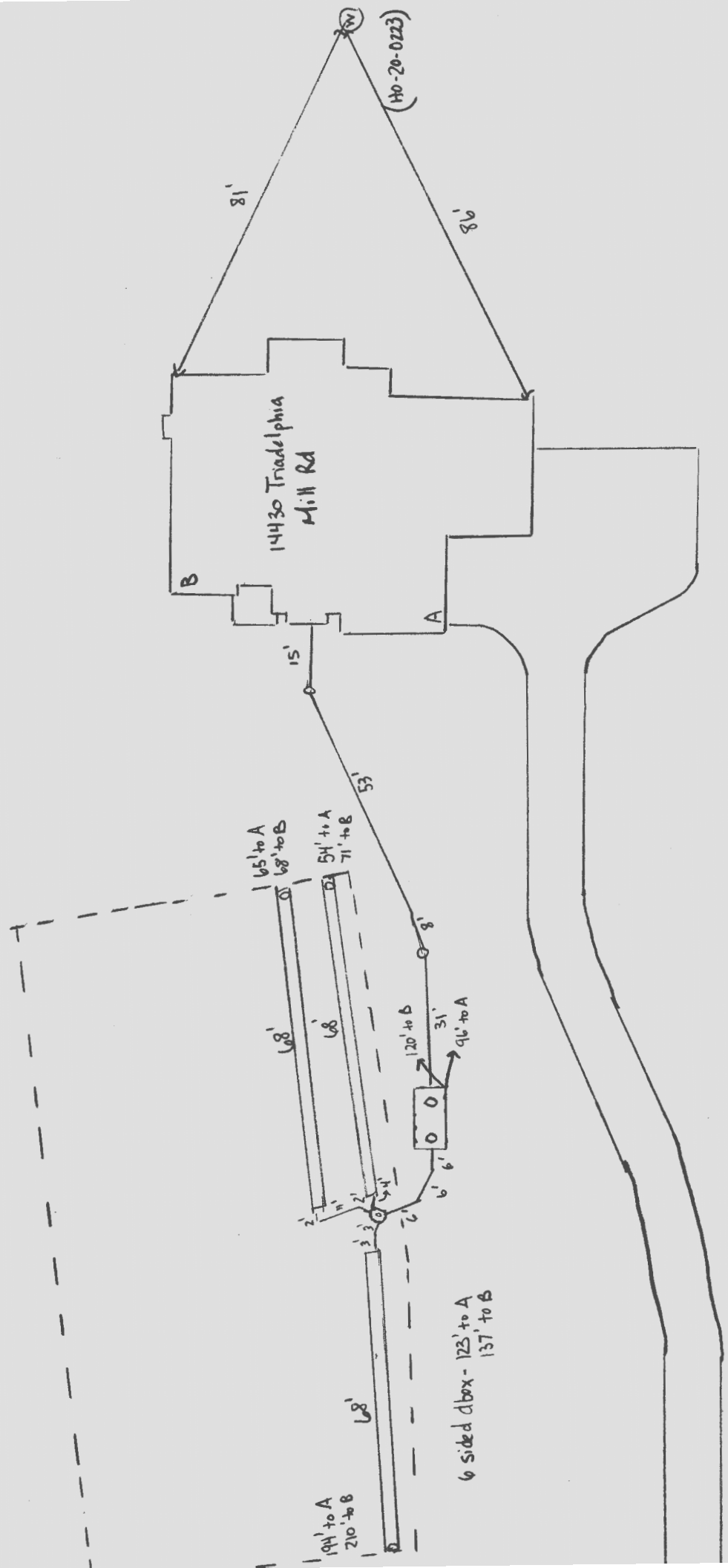
FINAL INSPECTOR

R. Rappaport

DATE OF APPROVAL

3/30/23

1" = 30'



HOME LAND

LABS

240012 Due Date: 06/09/2023
Client: Mid-Atlant

Phone: (443) 505-8375 Email: lab@homelandhealthyhomes.com

1220 E Joppa Rd. Ste C505
Towson, MD 21286
MD Lab # 365

108 Old Solomons Island Road, Ste L2
Annapolis, MD 21401
MD Lab # 106

3430 Rockefeller Court
Waldorf, MD 20602
MD Lab # 139

2216 Commerce Road, Ste 2A
Forest Hill, MD 21050

Please provide completed form with samples. Highlighted fields are required.

Client Name	Mid Atlantic Water Services	Property Address	
Email Address	chrisw@mawaterservices.com	14430 Triadolphie Mill Rd	
Phone Number	410-573-1020	Dayton, MD	

Field Collection Information

Sample Name	Chris Wisor	Field pH:	8.0
Sampler ID #:	2516CW	Field Chlorine (mg/L):	0.1
Date Sampled	6/7	Time Sampled	7:55 am
Well Tag Number:		Sand	None
		Clarity:	Clear
Compliance with State Public Water System	☒ No ☐ Yes	If yes, BWS ID #:	

Well Casing and Cap Condition

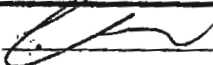
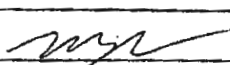
Well Type:	☐ Drilled ☐ Well Pit ☐ Below Grade ☐ Artesian ☐ Hand Dug ☐ N/A ☐ Other: _____		
Height Above Grade:	Cap Type:	Casing:	Conduit:
Sample Point:	Water Conditioning:		
Pressure Tank			

Requested Testing (Please check all that apply)

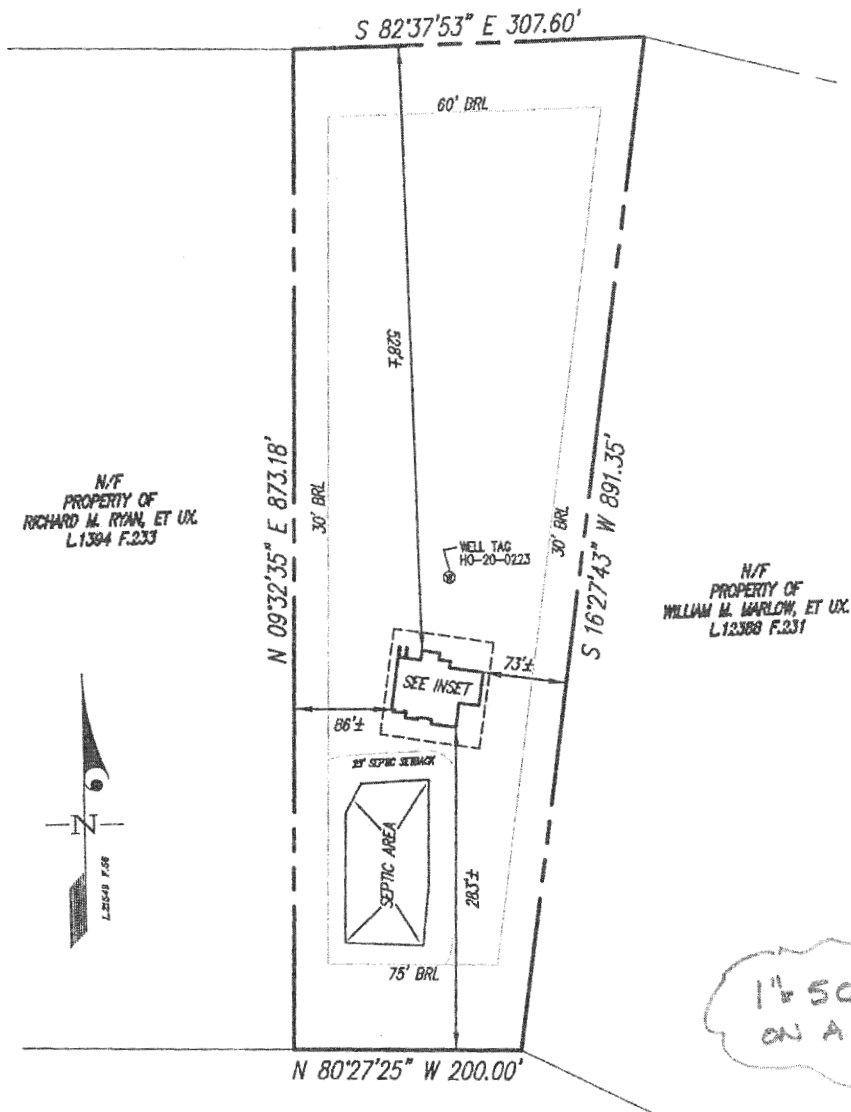
- | | | |
|---|--------------------------------------|---|
| ☐ Potability (Bacteria, Nitrate + Nitrite, Turbidity) | | |
| ☒ FHA/VA (Bacteria, Nitrate + Nitrite, Turbidity, Lead, Iron) | | |
| ☐ Bacteria | ☐ Chlorides | ☐ Total Dissolved Solids |
| ☐ Lead | ☐ Hardness | ☐ Copper |
| ☐ Nitrate + Nitrite | ☐ Arsenic | ☐ VOCs |
| ☐ Iron | ☐ Cadmium | ☐ Other: _____ |
| ☐ Turbidity | ☐ Gross Alpha | ☐ Other: _____ |

List rush samples below
Refer to table for rush turnaround times and fees

Release Signatures

Released By: 	Date/Time: 6/7 12:35 pm
Released By: _____	Date/Time: _____
Received in lab by: 	Date/Time: 6/7 1235pm

"SAW PROPERTY"
PLAT No. 10273



TRIADELPHIA MILL ROAD
(MINOR COLLECTOR)

SURVEYOR'S

THIS IS TO C
'TIMREPRI AKI

1" = 50' IF PLOTTED
ON A 24" X 36" SIZE.

9/22/03 10 AM

PUB. SEWER STATUS VERIFIED BY NA

ISSUE DATE: 9/17/03

APPROVAL DATE: 9/22/03

**PERMIT
INDEXED**

P 519578

A REPAIR

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

- nothing found

J.M. Contracting, LLC

IS PERMITTED TO INSTALL ☐ ALTER ☒

ADDRESS: 425 Obrecht Rd, Sykesville

PHONE NUMBER: 443-277-7526

SUBDIVISION: _____

LOT NUMBER: 5

ADDRESS: 14420
14440 Triadelphia Mill Road

PROPERTY OWNER: Bill Marlow

SEPTIC TANK CAPACITY (GALLONS): Ex 1250

PUMP CHAMBER CAPACITY (GALLONS): N/A

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 180 x 3 = 540 ÷ 3 = 180 (2-90' trenches)

TRENCHES:	Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.
LOCATION:	Maintain 100' well radius. Trenches 10' etc. Baffle filter. Pump, collapse, fill in D.W.
PURPOSE:	Septic system has failed. Call for inspection when the ground is opened so sanitarian can recommend repair.

PLANS APPROVED: [Signature]

DATE: 9/22/03

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

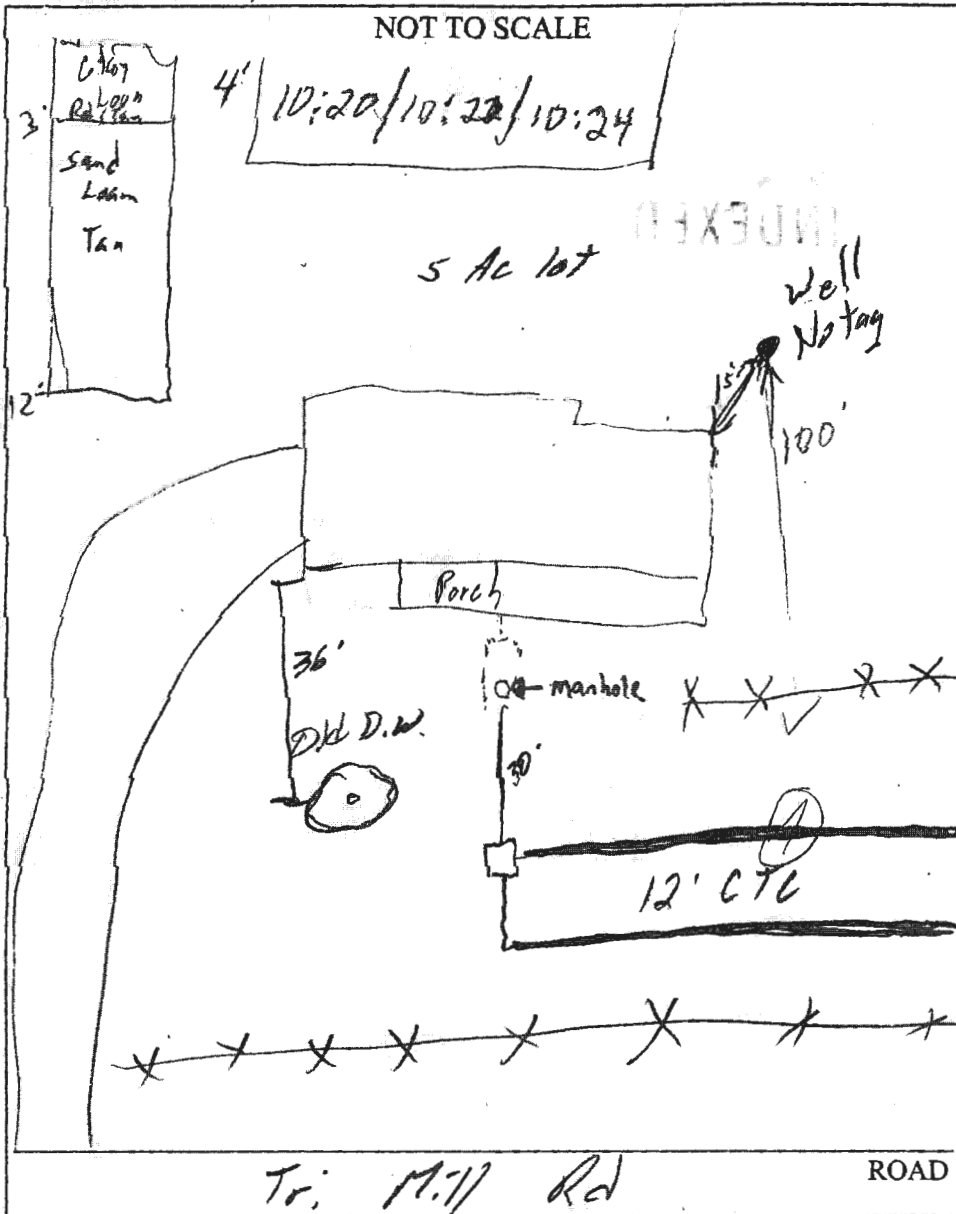
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**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 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

519578

$$180 \times 3 \div 3 = 180$$

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		180'
ABSORPTION AREA		3604
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		NA

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	new outlet
BAFFLE FILTER	✓ new
MANHOLE LOC	Back
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	NA
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—

PRE-CONSTRUCTION 9/22/03 See Front

INSTALLATION 9/22/03 - OK to cover all work (SG)

FINAL INSPECTOR [Signature]

DATE OF APPROVAL 9/22/03

Real Property Data Search (w4)

Search Result for HOWARD COUNTY

View Map	View GroundRent Redemption	View GroundRent Registration
Special Tax Recapture: None		
Account Identifier: District - 05 Account Number - 351057		
Owner Information		
Owner Name:	MARLOW WILLIAM MARLOW JENNIFER A T/E	Use: RESIDENTIAL Principal Residence: YES
Mailing Address:	14420 TRIADELPHIA MILL RD DAYTON MD 21036-1220	Deed Reference: /12388/ 00231
Location & Structure Information		
Premises Address:	14420 TRIADELPHIA MILL RD DAYTON 21036-0000	Legal Description: 5 A 14420 TRIADELPHIA MILL R DAYTON
Map: 0027	Grid: 0017	Parcel: 0096
Neighborhood: 5010101.14	Subdivision: 1001	Section:
Block:	Lot:	Assessment Year: 2020
Plat No:	Plat Ref:	
Town: None		
Primary Structure Built 1972	Above Grade Living Area 1,323 SF	Finished Basement Area 5.0000 AC
Property Land Area 5.0000 AC	County Use	
Stories 1	Basement YES	Type STANDARD UNIT
Exterior FRAME/	Quality 3	Full/Half Bath 2 full
Garage 2	Last Notice of Major Improvements	Carport
Value Information		
	Base Value	Value
		As of 01/01/2020
Land:	297,500	300,000
Improvements	122,300	147,100
Total:	419,800	447,100
Preferential Land:	0	0
		Phase-in Assessments
		As of 07/01/2020
		As of 07/01/2021
		428,900
		438,000
Transfer Information		
Seller: MARLOW WILLIAM	Date: 04/02/2010	Price: \$0
Type: NON-ARMS LENGTH OTHER	Deed1: /12388/ 00231	Deed2:
Seller: KEMPER HAROLD L & WF	Date: 01/09/2004	Price: \$435,000
Type: ARMS LENGTH IMPROVED	Deed1: /07991/ 00598	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:
Exemption Information		
Partial Exempt Assessments:	Class	07/01/2020
County:	000	0.00
State:	000	0.00
Municipal:	000	0.00 0.00
Special Tax Recapture: None		
Homestead Application Information		
Homestead Application Status: Denied		
Homeowners' Tax Credit Application Information		
Homeowners' Tax Credit Application Status: No Application		
Date:		

7/5/83
7/6/83

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 5th

INDEX

DATE July 5, 1983

APPROVED
7/6/83
P 32919
A 26336

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION Kalmia Farms ROAD 5201 Kalmia Drive LOT 1, Sec. 1

PROPERTY OWNER Michael and Joan Pometto

ADDRESS 5016 Mineola Road, College Park, Maryland 20740

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES ☐ NO ☐

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

DRY WELL - To have 120 sq. ft. effective absorbent sidewall area per bedroom below
inlet. Inlet to be 2 1/2 ft. below original grade and maximum depth 10
ft. Locate dry well 50 feet off right property line and 225 ft. from rear property
line when facing lot from KXNN Kalmia Drive (Perc hole 1 & 2).

7/5/83 O.K. to use deep trench. inlet 3-3 1/2'. bottom at 10'. 632 SQ. FT. sidewall area req'd
for 4 B.R. home. O.K. to put trench closer to house if soil in open trench is acceptable F.S.

BLDG. PERMIT SIGNED

AND RETURNED 4/16/82

Serial # 413-44 deck porch

PLANS APPROVED BY Charles B. Streaker & F. Shinn

DATE 2/13/79, 7/5/83

COVER NO WORK UNTIL INSPECTED AND APPROVED.

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

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR
PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

BLDG. PERMIT SIGNED

AND RETURNED 4/17/82

Serial # 69958

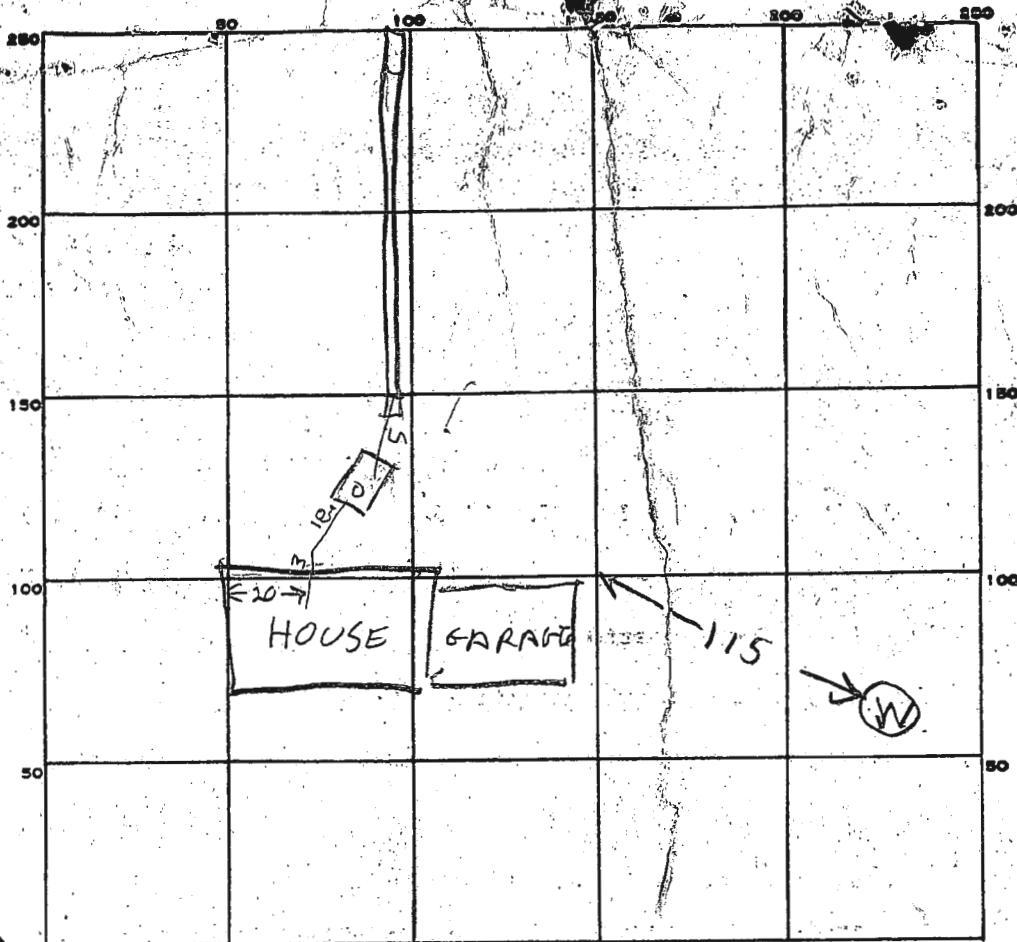
Additional family
room

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

TR 711 W. VINCENNES ST



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

PERMIT CARD

N 0 7/6/83

ST

NO

SEPTIC TANK, LEVEL

OK 1500

CLEANOUTS

6/1

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH

11

FT.

TRENCH WIDTH

2

FT.

GRAVEL DEPTH

7 FT

IN.

TOTAL LENGTH

100

FT.

NUMBER OF TRENCHES

1

TOTAL BOTTOM AREA

700

SEEPAGE PITS, INSIDE DIAMETER

FT.

DEPTH BELOW INLET

FT.

ABSORBENT AREA

SQ. FT.

REMARKS

7/5/83 - SOIL IN DITCH IS BROWN SANDY LOAM ~~OK~~ IS OK - 200 PM

7/5/83 300 PM - FINISH ADDING STONE & PIPE & PUT CLEANOUT ON TANK & CALL RD

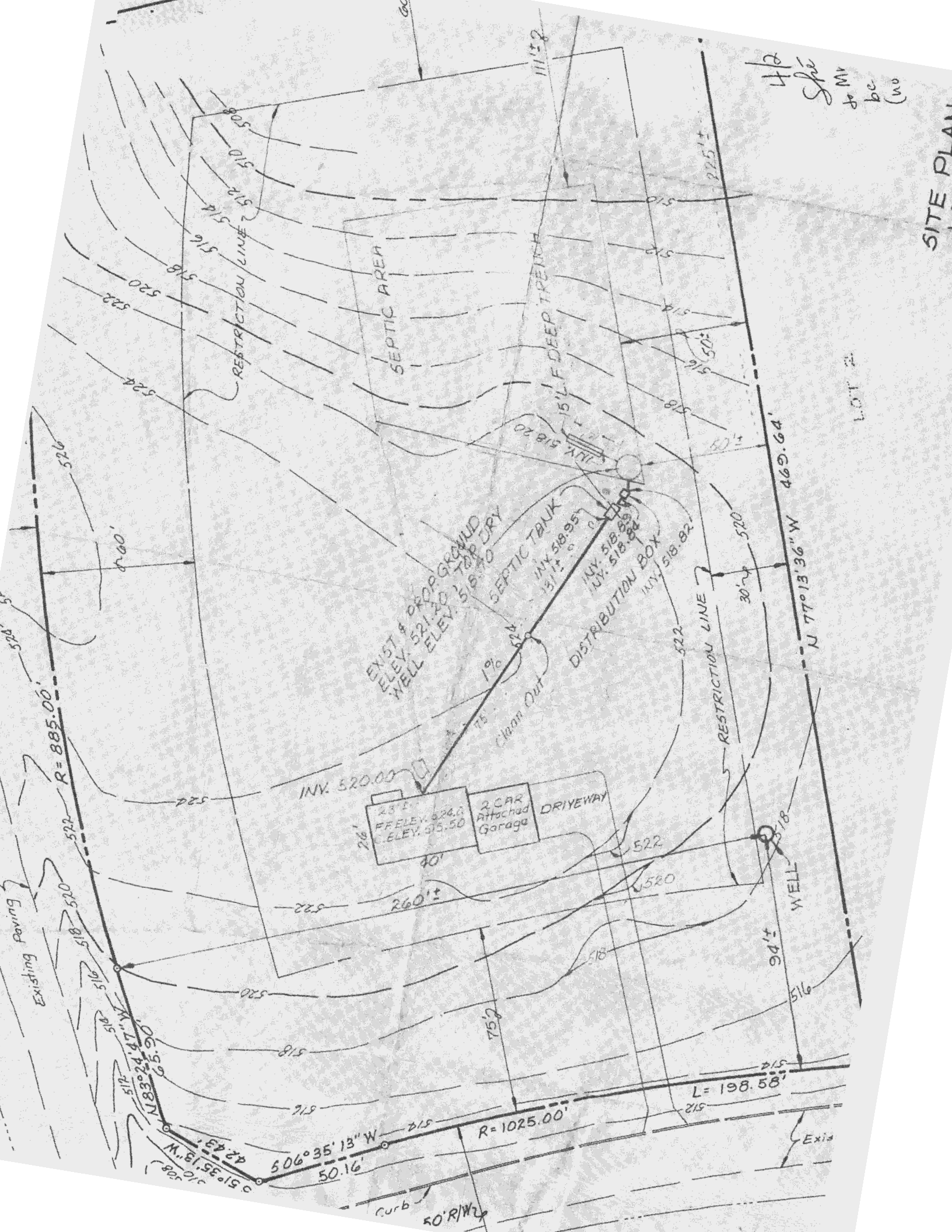
7/6/83 - OK Stone added MH

DATE SYSTEM APPROVED

7/6/83

INSPECTOR

Raymond Hodge



5/14/87
P11 5/14/87 PM

APPROVED:
5/14/87 BH
P 3352
BH
A 17093

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
XXXXXX
461-9933

INDEXED

ELLICOTT CITY
DISTRICT 5th

DATE 5/19/86

Richard Ryan

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS _____ PHONE _____

SUBDIVISION Coleman Lerch Property ROAD 14440 Triadelphia Mill LOT 5

PROPERTY OWNER Richard Ryan

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES ☐ NO ☒

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 170 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 125 feet from the left (910') lot line and 345' from the rear (242.43') lot line as seen when facing the property from Triadelphia Road. Run trenches on contour toward the left lot line.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. HGA

BLDG. PERMIT SIGNED

AND RETURNED 5/11/86

Serial # 44918

2-car garage

PLANS APPROVED BY S. Abel DATE 6/20/86

COVER NO WORK UNTIL INSPECTED AND APPROVED.

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

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

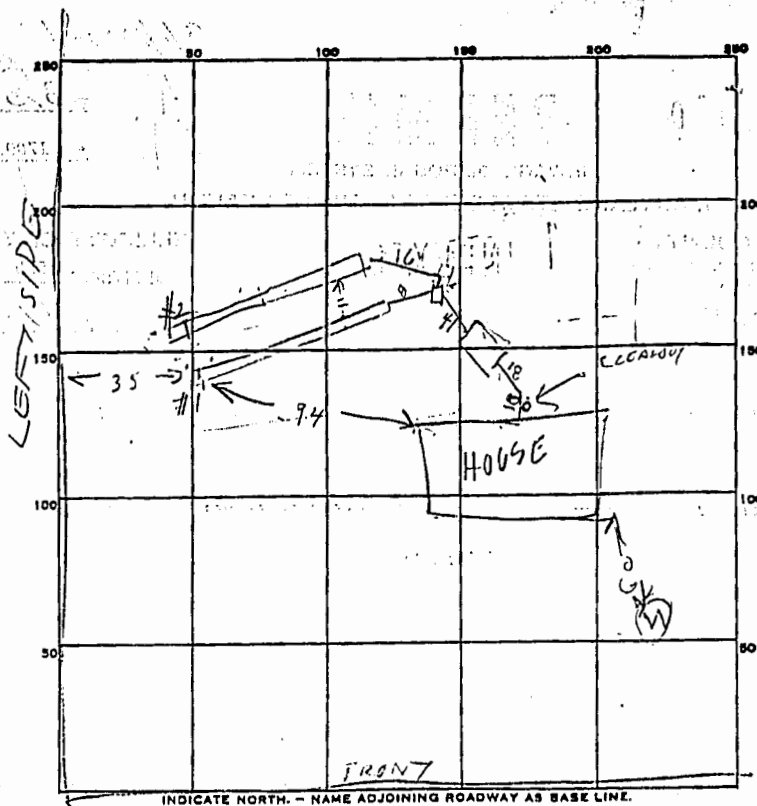
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA. OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 17093



PERMIT CARD _____

SEPTIC TANK, LEVEL OK 1500

CLEANOUTS

SITANK | HOUSEHOLD
MINI HOLE | OL

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 2.18 FT.

TRENCH WIDTH 2.2 FT.

GRAVEL DEPTH 4.5 EFFECTIVE IN. TOTAL LENGTH 83.92 FT. 175

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 700 680 REQUIRED 92

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 5/13/91 - LOCATION OK FINISH DIGGING TRENCH

#2 ADD STONE TO TRENCHES HOOK UP TANK & CALL R11

5/14/91 - STONE ADDED & TANK HOOKED UP R11

DATE SYSTEM APPROVED

5/14/91

INSPECTOR

Raymond J. Hodge

APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 5/31/72

A 17093

P _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Robert Raymond Reece

ADDRESS 11800 Grandview Ave., Wheaton, Maryland

PHONE 942-6173

PROPERTY LOCATION:

SUBDIVISION Coleman and Leroh, Jr.

LOT NO. 5

ROAD AND DESCRIPTION Triadelphia Mill Road

OCCUPANT Unimproved

PHONE _____

PERSON TO CONSTRUCT SYSTEM To be determined

ADDRESS _____

PHONE _____

SIZE OF LOT Five (5) acres

TYPE BLDG. Four bedroom, three baths
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT

Robert Raymond Reece By Brink Company

APPROVED BY _____

FOR _____

(KIND OF SYSTEM)

DATE _____

REJECTED BY _____

FOR _____

(KIND OF SYSTEM)

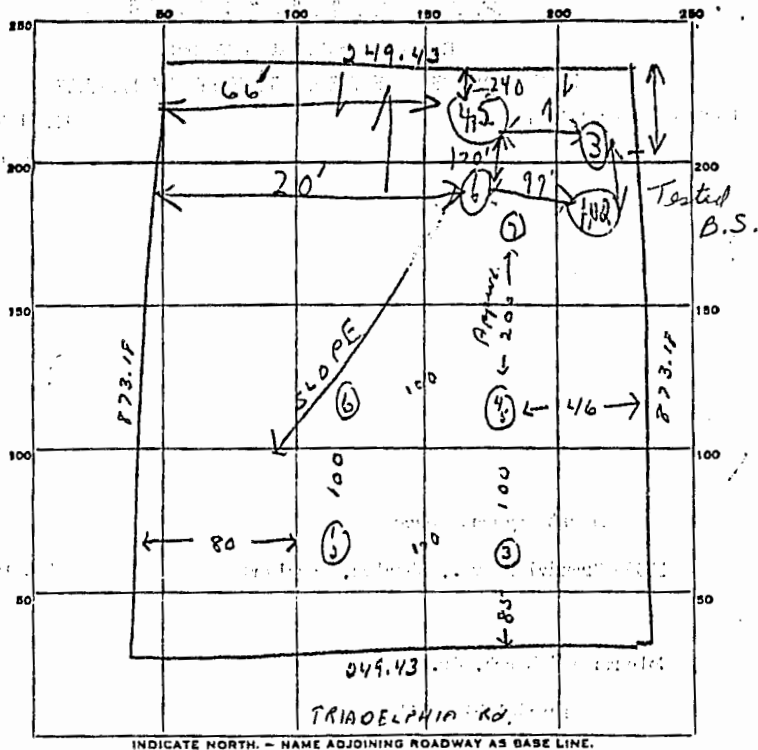
DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/31/72	1	11 1/2 ft	10 ⁰²	10 ⁰⁶	10 ⁰⁶	10 ¹³	7 min
	3	5 1/2 ft	10 ⁰²	Slow Perc.			
	7	8 3/4 ft	10 ¹⁵	10 ¹⁹	10 ¹⁹	10 ²⁸	9 min
	3	Same Soil - Clay line from 8 ft					
	4	12 1/2 ft	10 ²²	10 ²⁹	10 ²⁹	10 ⁴⁵	16 min
	5	8 ft	10 ²²	Overtime (Clay from 9 ft.)			
	6	Clay most of way down - 8-8 1/2 ft					
	7	mostly Clay - Poor Soil					
9/7/73	1	4 1/2 ft	253	255	255	301	6 min
	2	11 ft	253	255	255	301	4 min
	3	3 1/2 ft	303	308	300	325	17 min
	4	11 1/2 ft	304	309	309	320	11 min

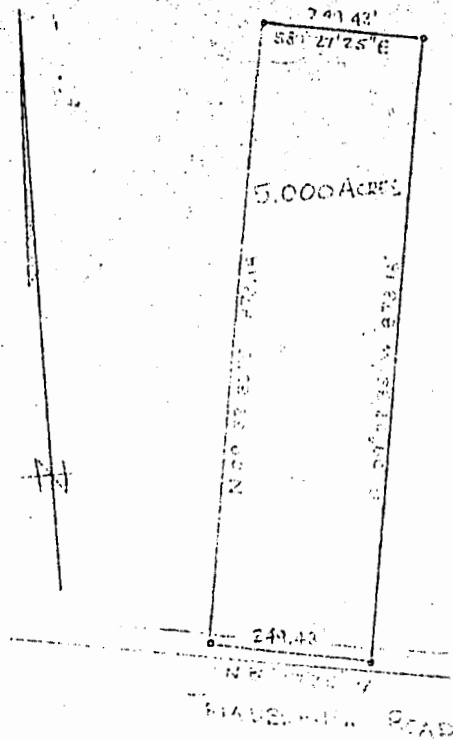
SOIL AUGER FINDING

TESTED BY Rotaro & B. Strecker

4/38

9 min

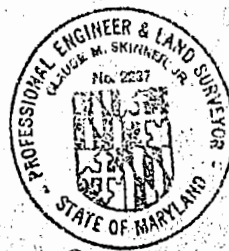
REMARKS



PLAT OF SURVEY
FOR
SECTION 12, T11N, R11W
TOWNSHIP 11 NORTH OF HOWARD COUNTY
DISTRICT MARYLAND
SCALE 1" = 100 FT MAY 3 1972

Charles M. Skinner, Jr.

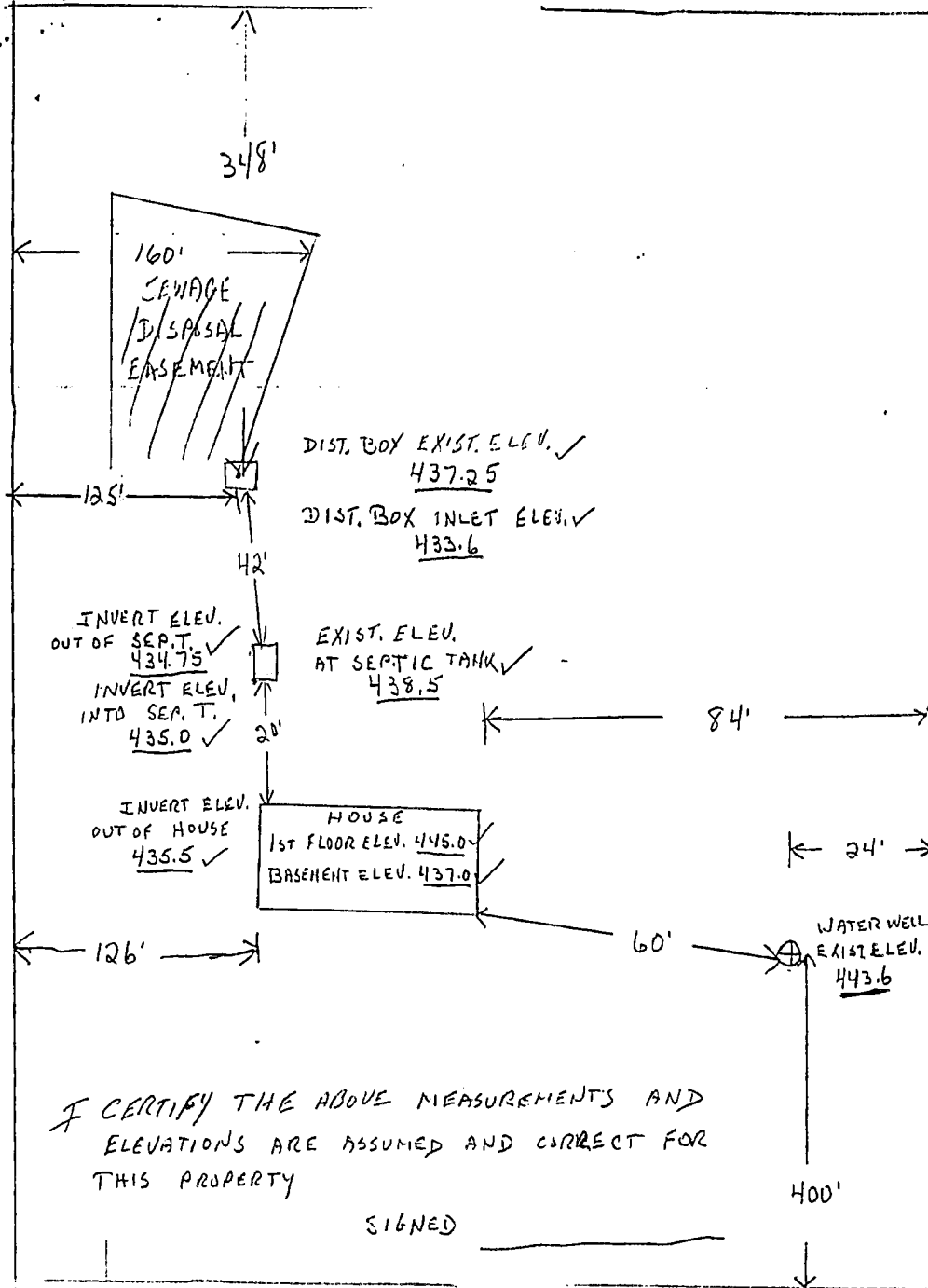
Charles M. Skinner, Jr.
Professional Engineer & Land Surveyor
No. 2237
State of Maryland



A:3270-5

Reese

ASSUMED AND RELATIVE ELEVATIONS



TRIDELPHIA ROAD LOT #5 LIBER 791 FOLIO # 495

WR-W-4 8/71

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401 WELL COMPLETION REPORT		THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION FILL IN THIS FORM COMPLETELY COUNTY NUMBER _____																			
SEQUENCE NO. (OWNER USE ONLY) 6238		PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-73-1205																			
DATE RECEIVED (OWNER USE ONLY) 4-20-73		DEPTH OF WELL 175 (TO NEAREST FOOT)																			
DATE WELL COMPLETED 4-20-73		DRILLERS IDENTIFICATION NO. 120																			
OWNER <u>Reese, Robert</u> STREET OR RFD. <u>11800 Grandview Ave</u> POST OFFICE <u>Wheaton, Md 20902</u>																					
WELL DESCRIPTION																					
WELL LOG STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)</th> <th colspan="2">FEET</th> <th rowspan="2">CHECK IF WATER BEARING</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Overburden</td> <td>0</td> <td>6</td> <td></td> </tr> <tr> <td>Brown shale</td> <td>6</td> <td>52</td> <td></td> </tr> <tr> <td>Gray Rock</td> <td>52</td> <td>175</td> <td>X</td> </tr> </tbody> </table>		DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING	FROM	TO	Overburden	0	6		Brown shale	6	52		Gray Rock	52	175	X	GROUTING RECORD WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES ☒ NO ☐ TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT ☒ BENTONITE CLAY ☐ NO. OF BAGS <u>8</u> NO. OF POUNDS <u>800</u> GALLONS OF WATER <u>48</u> DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM <u>0</u> FT. TO <u>48</u> FT. (ENTER 0 IF FROM SURFACE) CASING RECORD INSERT APPROPRIATE CODE BELOW STEEL ☐ CONCRETE ☐ PLASTIC ☐ OTHER ☐ MAIN CASING TYPE <u>S</u> NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) <u>6</u> TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) <u>175</u> OTHER CASING (IF USED) DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____ SCREEN RECORD SCREEN TYPE OR OPEN HOLE INSERT APPROPRIATE CODE BELOW STEEL ☐ BRASS ☐ OPEN HOLE ☐ PLASTIC ☐ OTHER ☐ C 2 DEPTH (NEAREST WHOLE FOOT) FROM <u>54</u> TO <u>175</u> SLOTSIZE 1. _____ 2. _____ 3. _____ DIAMETER OF SCREEN _____ (NEAREST INCH) GRAVEL PACK _____ IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX ☐ F OWNER USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING ☐ LOG INDICATOR ☐ OTHER DATA AVAILABLE ☐	
DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING																		
	FROM	TO																			
Overburden	0	6																			
Brown shale	6	52																			
Gray Rock	52	175	X																		
CIRCLE APPROPRIATE BOXES ☐ A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ☐ E ELECTRIC LOG OBTAINED ☐ P TEST WELL CONVERTED TO PRODUCTION WELL I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF. DRILLERS NAME (PLEASE PRINT) <u>G. Edgar Mann Sons Corp</u> SIGNATURE <u>Charles E. Mann</u>		PUMPING TEST HOURS PUMPED (TO NEAREST HOUR) <u>4</u> PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) <u>15</u> METHOD USED TO MEASURE PUMPING RATE <u>Area</u> WATER LEVEL (DISTANCE FROM LAND SURFACE) BEFORE PUMPING <u>38</u> (NEAREST FOOT) WHEN PUMPING <u>165</u> (NEAREST FOOT) TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST) ☐ AIR ☐ PISTON ☐ TURBINE ☐ CENTRIFUGAL ☐ ROTARY ☐ OTHER (DESCRIBE BELOW) ☐ JET ☐ SUBMERSIBLE PUMP INSTALLED TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) ☐ 29 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES ☐ NO ☐ CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) _____ PUMP HORSE POWER _____ PUMP COLUMN LENGTH (NEAREST FOOT) _____ CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) _____ ABOVE LAND SURFACE _____ (NEAREST FOOT) _____ BELOW _____ LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL). Pitless adapter																			

WH-W-4 9/73

SEQUENCE NO. (OWNER USE ONLY) **9434**

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY.

COUNTY NUMBER

DATE RECEIVED (OWNER USE ONLY) **9-21-73**

DATE WELL COMPLETED **9-21-73**

DEPTH OF WELL **175**
(TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" **410-73-1203**

DRILLERS IDENTIFICATION NO. **120**

OWNER **Reese, Robert**

STREET OR RFD **17800 Grandview Ave**

POST OFFICE **Wheaton**

FIRST NAME **Wheaton**

WELL DESCRIPTION

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Overburden	0	8	
Brown shale	8	43	
Gray rock	43	175	X

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) **YES** ☒ **NO** ☐

TYPE OF GROUTING MATERIAL (CIRCLE BOX) **CEMENT** ☒ **BENTONITE CLAY** ☐

NO. OF BAGS **8** NO. OF POUNDS **800**

GALLONS OF WATER **48**

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM **0** FT. TO **45** FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

MAIN CASING TYPE **S** **7**

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6**

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **45**

OTHER CASING (IF USED)

DIAMETER (INCH) **6** DEPTH (FEET) **45**

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE **INSERT APPROPRIATE CODE BELOW**

STEEL ☐ BRASS ☐ OPEN HOLE ☐

PLASTIC ☐ OTHER ☐

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

7 ABOVE **1** LAND SURFACE (NEAREST FOOT)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

Pitless Adapter

CIRCLE APPROPRIATE BOXES

☐ A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

☐ E ELECTRIC LOG OBTAINED

☐ P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME **G. Adair Hana Sons Corp**

TELESCOPE CASING ☐ LOG INDICATOR ☐ OTHER DATA AVAILABLE ☐



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer
April 6, 1990

Reply to:
Charles Streaker, Sanitarian
461-9933 or 461-9934

Mr. Richard Ryan
14440 Triadelphia Mill Road
Dayton, Maryland 21030

Re: Colman Lerch Property
14440 Triadelphia Mill Road
Well Permit No. HO-73-0205

Dear Mr. Ryan:

This is to advise you that the septic system was installed, inspected and approved on May 14, 1987.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and bacteriologically safe for drinking.

FINAL CERTIFICATION OF POTABILITY

This certifies that all sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under permit(s) HO-73-0205.

March 27, 1990
Date of Final Sampling

April 6, 1990
Date of Acceptance

A handwritten signature in cursive script, appearing to read "Charles Streaker".

Charles Streaker, Sanitarian
Water and Sewerage Program

Water Sample Dates:
October 5, 1989
March 27, 1990

CS:cm

Bureau of Environmental Health
3525 Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Director 461-9956 Water and Sewerage, Permits 461-9933 Community Environmental Health 461-9944
Technical Services 461-9955

Real Property Data Search (w4)

Search Result for HOWARD COUNTY

View Map		View GroundRent Redemption				View GroundRent Registration			
Special Tax Recapture: None									
Account Identifier:		District - 05 Account Number - 364426							
Owner Information									
Owner Name:		RYAN RICHARD M RYAN LINDA S WF				Use: Principal Residence:		RESIDENTIAL YES	
Mailing Address:		14440 TRIADELPHIA MILL RD DAYTON MD 21036-1220				Deed Reference:		/01394/ 00233	
Location & Structure Information									
Premises Address:		14440 TRIADELPHIA MILL RD DAYTON 21036-0000				Legal Description:		PAR 5 5.000 A 14440 TRIADELPHIA MILL R DAYTON	
Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0027	0017	0096	5010101.14	1001			PAR 5	2020	Plat Ref:
Town: None									
Primary Structure Built		Above Grade Living Area			Finished Basement Area		Property Land Area		County Use
1986		2,160 SF					5.0000 AC		
Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements		
2	YES	STANDARD UNIT	FRAME/	4	2 full/ 1 half	1 Attached			
Value Information									
			Base Value		Value		Phase-in Assessments		
					As of 01/01/2020		As of 07/01/2020		As of 07/01/2021
Land:			297,500		300,000				
Improvements			181,300		227,100				
Total:			478,800		527,100		494,900		511,000
Preferential Land:			0		0				
Transfer Information									
Seller: SEHGAL RAGHBIR PARKASH & WF				Date: 10/15/1985			Price: \$46,000		
Type: ARMS LENGTH IMPROVED				Deed1: /01394/ 00233			Deed2:		
Seller:				Date:			Price:		
Type:				Deed1:			Deed2:		
Seller:				Date:			Price:		
Type:				Deed1:			Deed2:		
Exemption Information									
Partial Exempt Assessments:		Class		07/01/2020			07/01/2021		
County:		000		0.00					
State:		000		0.00					
Municipal:		000		0.00 0.00			0.00 0.00		
Special Tax Recapture: None									
Homestead Application Information									
Homestead Application Status: Approved 11/18/2014									
Homeowners' Tax Credit Application Information									
Homeowners' Tax Credit Application Status: No Application									
Date:									

11/20/92 noon

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49181
A 27474
A REPAIR

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX-87-8938~~ 313-2640

INDEXED

DISTRICT 5th

DATE 4/22/93

DATE SYSTEM APPROVED 11/20/92

INSPECTOR M. R. P. K. n

Jack Fyock

IS PERMITTED TO INSTALL ALTER X

ADDRESS _____ PHONE 988-9270

SUBDIVISION Kalmia Farms LOT 34, Sec.1 ROAD 5200 Kalmia Drive

PROPERTY OWNER Englehart
5200 Kalmia Drive
ADDRESS Dayton, Maryland

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 500±

REPAIR - PURPOSE - Drywell has failed.

Call for inspection when ground is opened so sanitarian can recommend repair. 11/16/92

PLANS APPROVED BY _____ DATE _____

COVER NO WORK UNTIL INSPECTED AND APPROVED.

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

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST-IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

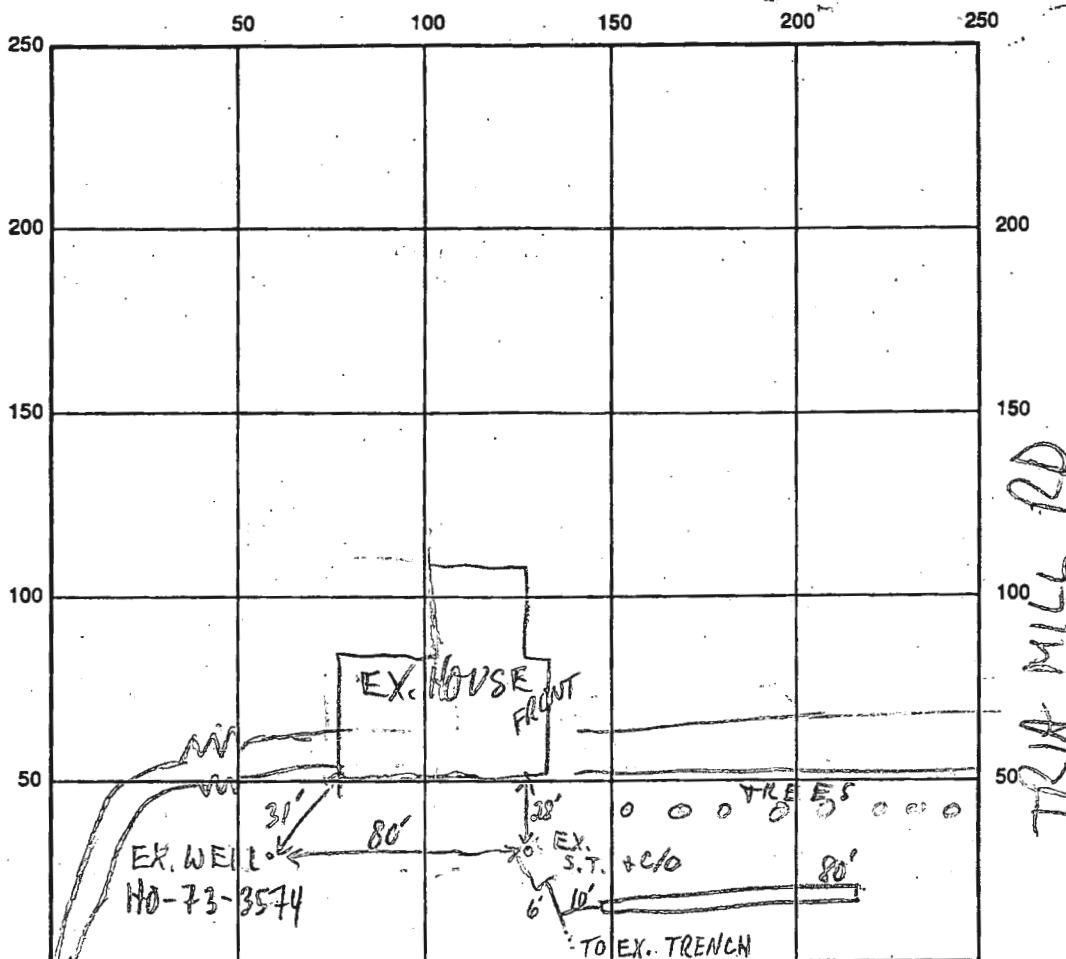
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

P 49181



KALMIA DR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL EX. 1000 GAL

CLEANOUTS EX. OK

DISTRIBUTION BOX LEVEL —

DRAIN FIELD/TITLE DEPTH 10-11 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 6-7 FT.

TOTAL LENGTH 80 FT.

NUMBER OF TRENCHES 1

ONE SIDEWALL/BOTTOM AREA 500± SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 500 SQ. FT.

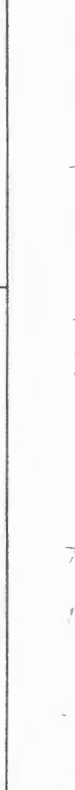
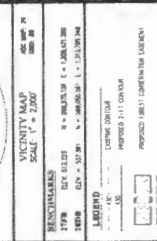
REMARKS: 11/20/92 EX. SYSTEM DEPTH 9', PERCS TO 12 1/2' - 13', SO

INSTALLERS INSTRUCTED TO WAIT FOR INSP BEFORE STONE;
OK TO COVER MR

DATE SYSTEM APPROVED 11/20/92

INSPECTOR M. Ripkin

6202 6/23/13

[illegible]

NOTES

1. WE CHOOSE TO USE LOCATIONS IN GOING TO ANY CONCEPTS MUST BE APPROVED BY THE COMMISSION AND THE NARRATIVE CHARTER. GO TO DEPARTMENT NEED TO INSTALLATION A HIGHER COST. Please MAY BE REPEATED
2. THE MAXIMUM LAYERS OVER THE TANKS IS 3 (IT) CREATED LAYERS ONLY AND REQUIRED A HEAVY LOAD BEING LIFTED
3. ELECTRICAL WORK FOR THE ZEPHYRUS SYSTEM MUST BE COMPLETED BY A LICENSED ELECTRICIAN
4. CHIMNEY, FLUE, DUCTS, SYSTEMS AND DUCTS INTERNAL AND EXTERNAL TO THE BUILDING MUST BE MAINTAINED AND THE NEW SYSTEMS MUST BE MAINTAINED AND MAINTAINED ZEPHYRUS SYSTEMS IN SEVERAL SPECIAL AREAS HAVE BEEN DONE
5. THE WALL, THE FLOOR-ROOF WAS TOLD, GAINED BY 10 IN 1992 AND IS ACCURATELY THE SAME YEAR

BOILER LOGBOOK		
DATE	NAME	% FACTOR
1981	Cherry, James, J to B postcard	0.37

SCALE TO MEANING LINE

Approved Septic System Plan
Howard County Health Department
Signature _____ Date 9.14.23



ITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

GEDIN PROPERTY
14430 TRAI DELPHIA MILL ROAD
TAX PARCEL 0096 (LJ1549 PM)

SECTION DISTRICT No. 5



PROFESSIONAL CERTIFICATION

BUILDER:
TIMBERLANCE HOMES
104 HARRY S. TRUMAN PARK
Suite M
ANNAPOLIS, MD 21401
ATTN: BRIAN WESSIED
443-837-3115
briandw@timberlancehomes.com

OWNER:

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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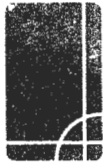
[illegible][illegible]

$\frac{1}{2} \log \frac{A_0 + A_{\infty}}{A_0 - A_{\infty}}$

1

LV

PLANNING



GLW

PLANNING | ENGINEERING | SURVEYING

3909 NATIONAL DR. SUITE 250
BURTONSVILLE, MD 20866
301-421-4024 | FAX: 301-421-4186
WWW.GLWPA.COM

LETTER OF TRANSMITTAL

TO: TIMBERLAKE HOMES

304 HARRY S. TRUMAN PKWY SUITE M

ANNAPOLIS, MD 21401

ATTN: BRIAN MESSINEO

DATE	03/09/2023	JOB NO.	21165
PROJECT	GEDIN PROPERTY		
	14430 TRIADELPHIA MILL ROAD		
	bmessineo@timberlakehomes.com		

WE ARE SENDING THE FOLLOWING ITEMS:

☒ ATTACHED

☐ UNDER SEPARATE COVER

☐ MYLARS

☒ PRINTS

☐ COST ESTIMATES

☐ DESCRIPTIONS

☐ GRADE SHEETS

☐ COPY OF LETTER

☐ APPLICATIONS

☐ COMPUTATIONS

☐ OTHER

VIA: ☐ MAIL

☐ OVERNIGHT

☐ GLW COURIER

☐ COURIER

☒ OTHER

EMAIL

COPIES	DATE	PAGES	DESCRIPTION
1	03/09	1	WALLCHECK SKETCH

THESE ARE TRANSMITTED as checked below:

☐ FOR APPROVAL

☐ SIGN & RETURN

☐ FOR YOUR USE

☐ AS SUBMITTED TO

☐ FOR REVIEW & COMMENT

☐ AS REQUESTED BY

☐ PER YOUR REQUEST

☐

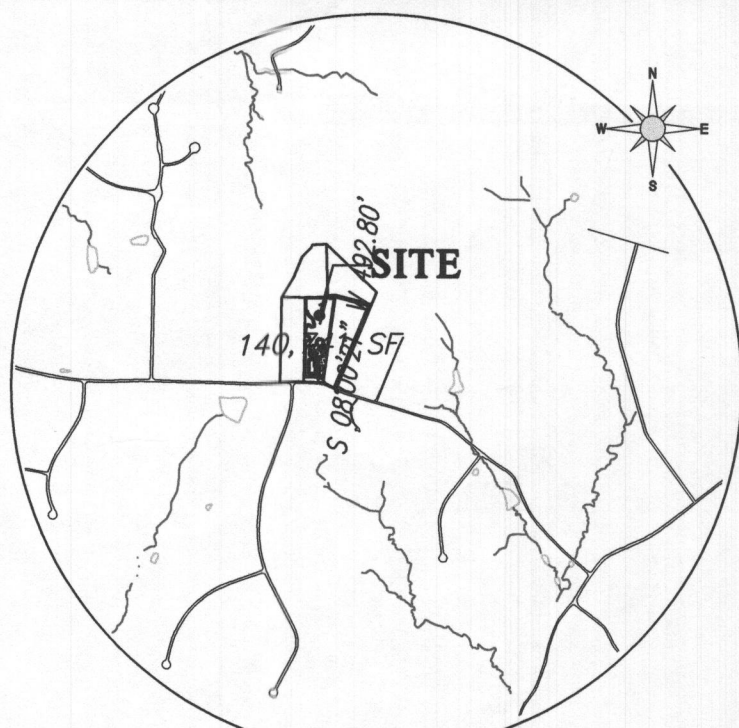
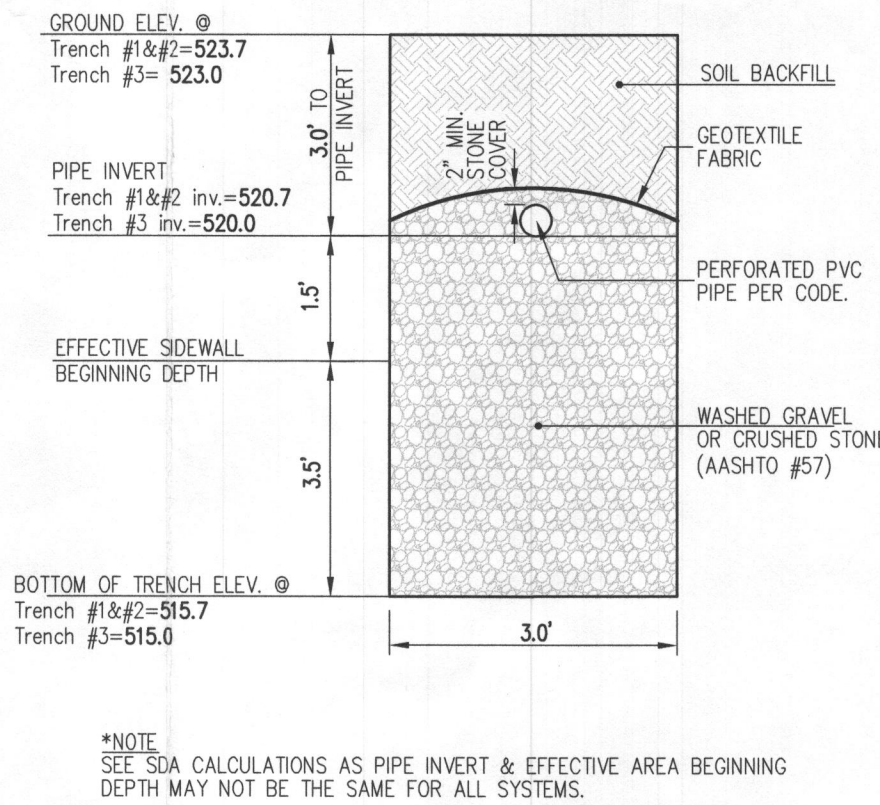
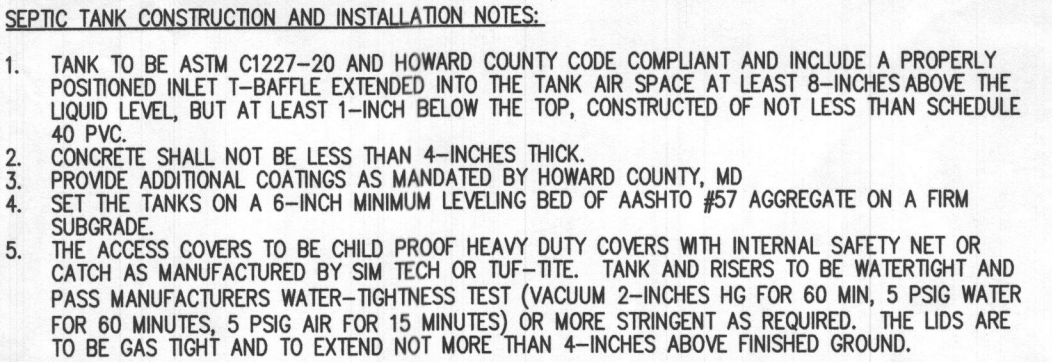
REMARKS:

COPY TO:

SIGNED:

WILLIAM KING

If enclosures are not as noted, kindly notify us at once.



VICINITY MAP
SCALE: 1" = 2,000'

ADC MAP: 24
GRID: B6

BENCHMARKS			
27FB	ELEV. 512.223	N = 568,975.151	E = 1,308,421.369
28DB	ELEV. = 537.361	N = 569,055.561	E = 1,313,795.348

LEGEND	
---430---	EXISTING CONTOUR
<u>430</u>	PROPOSED 2-FT CONTOUR

B-3A PERCOLATION TEST PIT FAILED BY HEALTH DEPARTMENT

B-1  PERCOLATION TEST PIT PASSED BY HEALTH DEPARTMENT

INITIAL SYSTEM 3' WIDE TRENCH

FIRST REPLACEMENT SYSTEM 3' WIDE TRENCH

SECOND REPLACEMENT SYSTEM 3' WIDE TRENCH

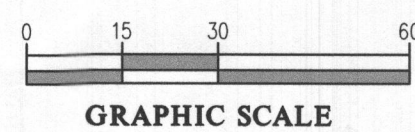
NOTES

1. 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 ODS PLAN MAY BE REQUIRED.
2. THE MAXIMUM EARTH COVER OVER THE TANKS IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
3. ELECTRICAL WORK FOR THE SEPTIC SYSTEM INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
4. EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPOSED IMPROVEMENTS AND THOSE 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
5. THE WELL TAG, #10-20-2023 WAS FIELD LOCATED BY GUN IN 2022 AND IS CURRENTLY SHOWN ON THIS PLAN.

SOILS LEGEND			
SOIL	NAME	CLASS	'K' FACTOR
GgBl	Glenelg loam, 3 to 8 percent slopes	B	0.37
SOILS DELINEATION LINE			

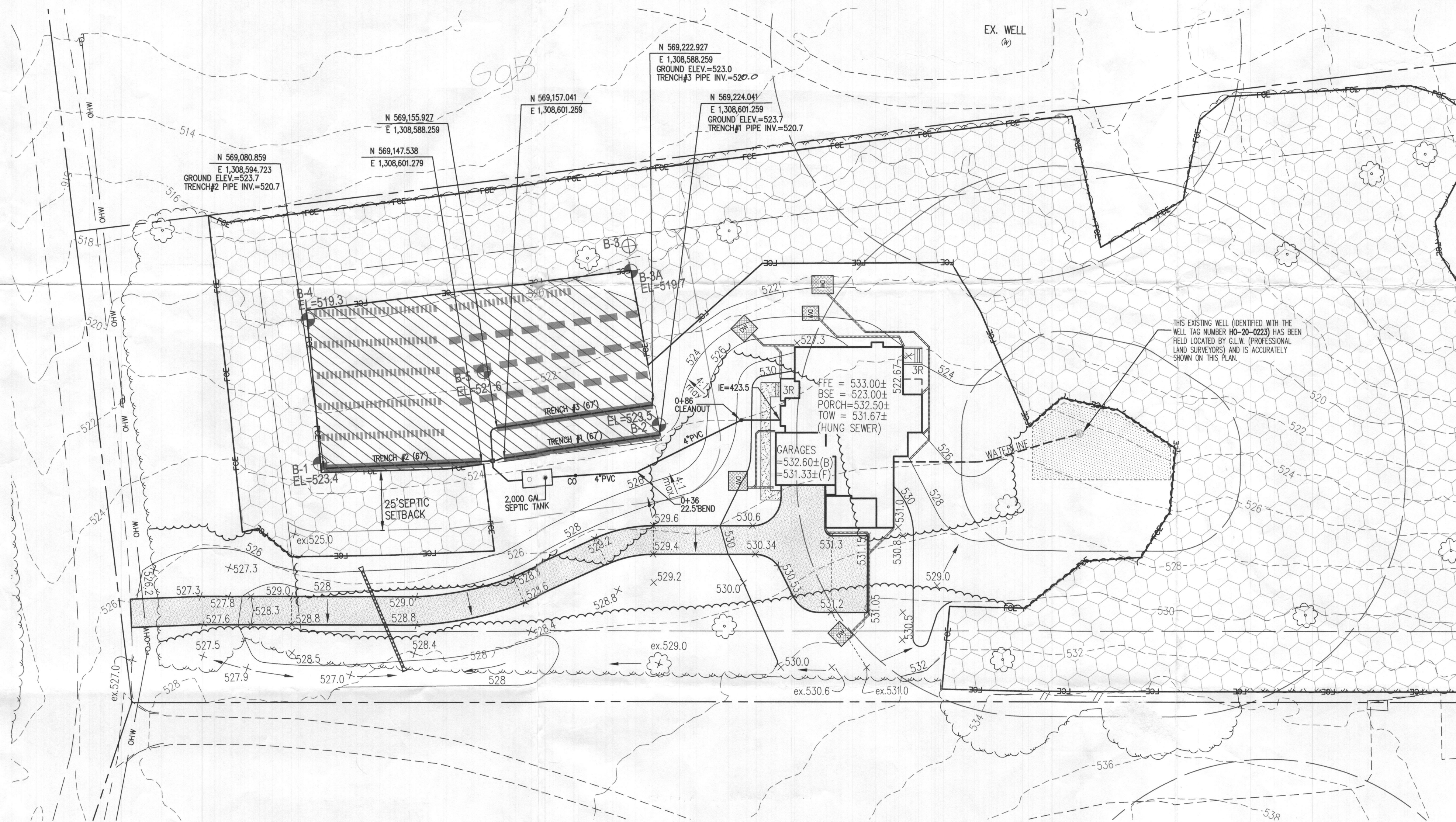
Approved Septic System Plan
Howard County Health Department

<u>Mark Oswald</u>	<u>9.14.22</u>
Signature	Date



SCALE 1" = 30'	ZONING RR-DEO	G. L. W. FILE No. 21165
DATE SEPT. 2022	TAX MAP - GRID 27-17	SHEET 1 OF 1

14430 Triadelphia Mill Road			
System Input Information	Initial System	Replacement System No.1	Replacement System No.2
Application Rate	0.8	1.2, use 0.8	0.8
Effective area beginning depth	4.5	5.5	6.5
Effective area maximum bottom depth	8	8	8
Number of Bedrooms	7	7	7
Design flow at 150 gal./day/bedroom	1050	1050	1050
Absorption Trench Calculations			
Drainfield area required (Design flow/application rate)	1312.5	1312.5	1312.5
Effluent pipe depth to invert	3	2.5	2.5
Effective sidewall depth "D" Depth between the effective beginning depth or pipe depth (which ever is deeper) and maximum trench bottom.	3.5	2.5	1.5
Trench Width "W" (2 or 3 feet)	3	3	3
Side wall Reduction Percent = (W-2)/(W+1-2D)	45.45%	55.56%	71.43%
Linear feet of trench required = (drainfield area x sidewall reduction)/W	198.9	243.1	312.5
Trench Layout Information			
Approximate length available on contour & not exceeding 100-ft	145	100	100
Number of trenches to use	3	3	6
Min. length (linear feet)	66.3	81.1	52.1
Total (linear feet)	198.9	243.3	312.6
Minimum Trench Spacing :	10	10	10
For trenches with no sidewall credit the spacing is 6' for a 2' wide trench and 9' for a 3' wide trench (measured edge to edge). All trenches utilizing sidewall reduction credit must be spaced a min. of 10' for effective sidewall not over 3.5'. If >3.5', then spacing formula is 2D+W up to a maximum of 18'.			



ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

GEDIN PROPERTY
14430 TRAIDELPHIA MILL ROAD
 TAX PARCEL 0096 (L21549 F56)

HOWARD COUNTY, MARYLAND



3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM
PHONE: 301-421-4024 | BALT: 410-880-1820 | DC&VA: 301-989-2524 | FAX: 301-421-4186

DESIGNED BY:	klp
DRAWN BY:	klp
CHECKED BY:	mbt

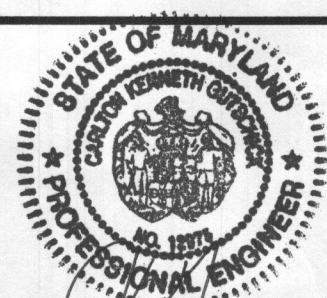
[illegible]

OWNER:
KORY and TONII GEDIN
1418 MADISON AVE.
BALTIMORE, MD 21217
202-368-0289

BUILDER:
TIMBERLAKE HOMES
304 HARRY S. TRUMAN PKWY
Suite M
ANNAPOLIS, MD 21401
ATTN.: BRAIN MESSINEO
443-837-3115
bmessineo@timberlakehomes.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, 2024

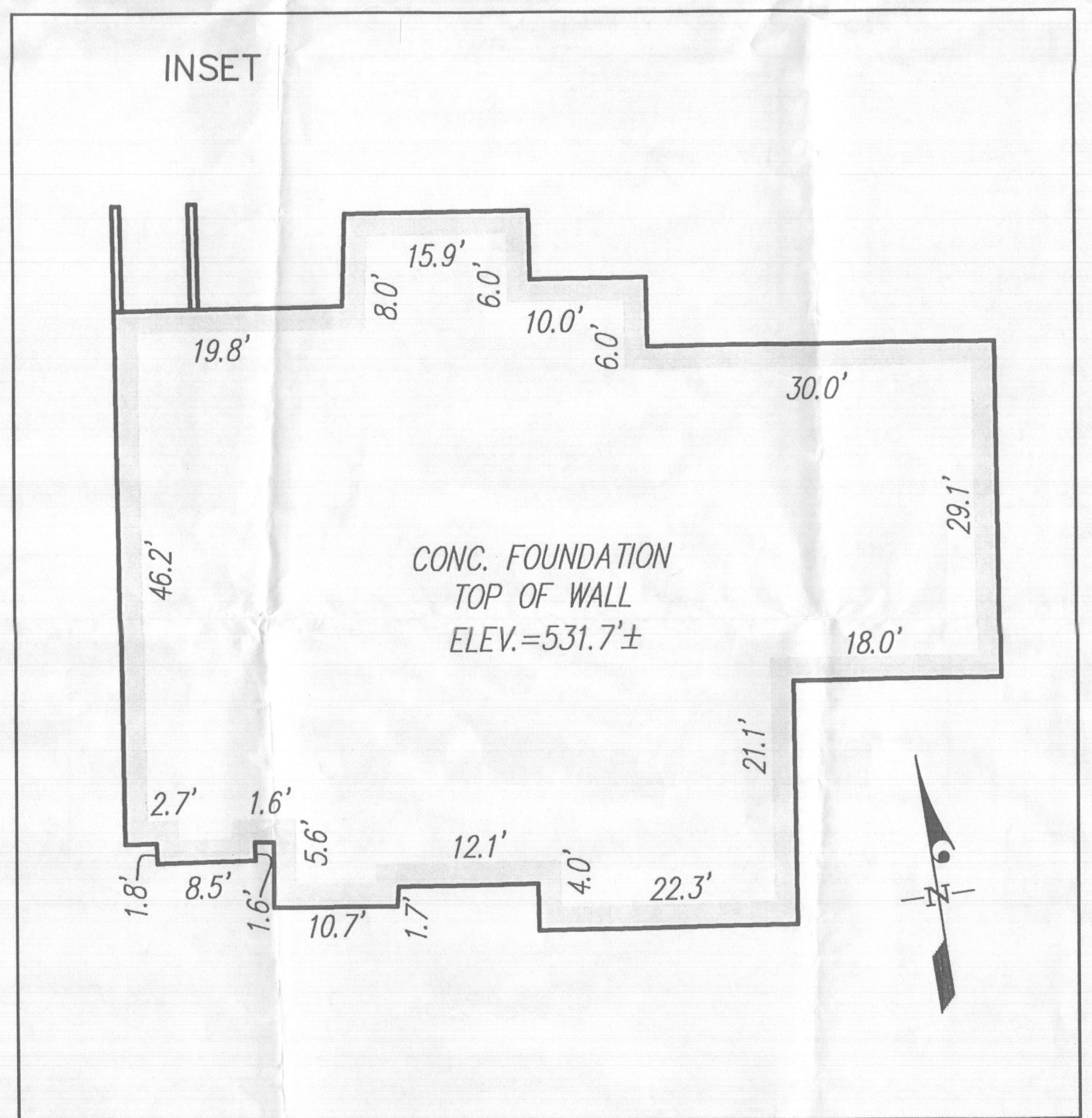


ELECTION DISTRICT No. 5

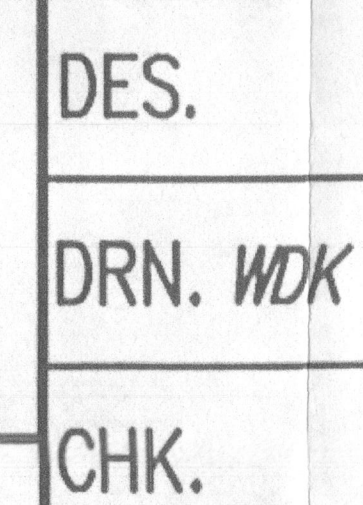
THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, MAP NUMBER 24027C0110D, EFFECTIVE DATE NOVEMBER 6, 2013.

SETBACK DISTANCES SHOWN HEREON ARE TO THE OUTERMOST FACE OF THE FOUNDATION WALLS AND HAVE AN ACCURACY OF $\pm 1'$ FOOT.



SCALE: 1" = 50'



S:\Survey Drawings\WALLCHECK\GEDIN PROPERTY-21165\WCK\21165WCK.dwg

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