

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: 5/24/23 **ONSITE SEWAGE DISPOSAL SYSTEM** P 574142

APPROVAL DATE: 10/19/2023 **PERMIT: NEW CONSTRUCTION** A _____

PROPERTY ADDRESS: 14005 Clarksville Pike

SUBDIVISION: Fox Haven LOT: 4 TAX ID: _____

CONTRACTOR: Young Septic EMAIL: _____

CONTRACTOR ADDRESS: 1802 Baltimore Boulevard, Westminster, MD 21157 PHONE: 443-277-5854

PROPERTY OWNER: Richard K. and Denise R. Temofeew EMAIL: _____

OWNER ADDRESS: 13465 Long Days Court, Highland, MD 20777 PHONE: _____

SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Babylon Vault

PUMP MODEL: N/A PUMP SIZE N/A PUMP TANK CAPACITY: N/A

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>195'(3 @65')</u>	INLET DEPTH: <u>2</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6</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: Dana Bernard ISSUE DATE: 10-24-23 EXPIRATION DATE: 5/24/24

- 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

see separate
sheet for
AS-built

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 3' INLET 2'-2.5' & 4'-4.5" BOTTOM 8"

NUMBER OF TRENCHES 3

TOTAL LENGTH 188'

ABSORPTION AREA 564 ft²

DISTRIBUTION BOX LEVEL yes

DISTRIBUTION BOX BAFFLE yes

DISTRIBUTION BOX PORT yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 2.5'-3'

BAFFLES 6" front & 4" back

BAFFLE FILTER

MANHOLE LOC front & back

6" PORT LOC

WATERTIGHT TEST

SLOTTED yes

DATE ON LID 9/6/2023

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

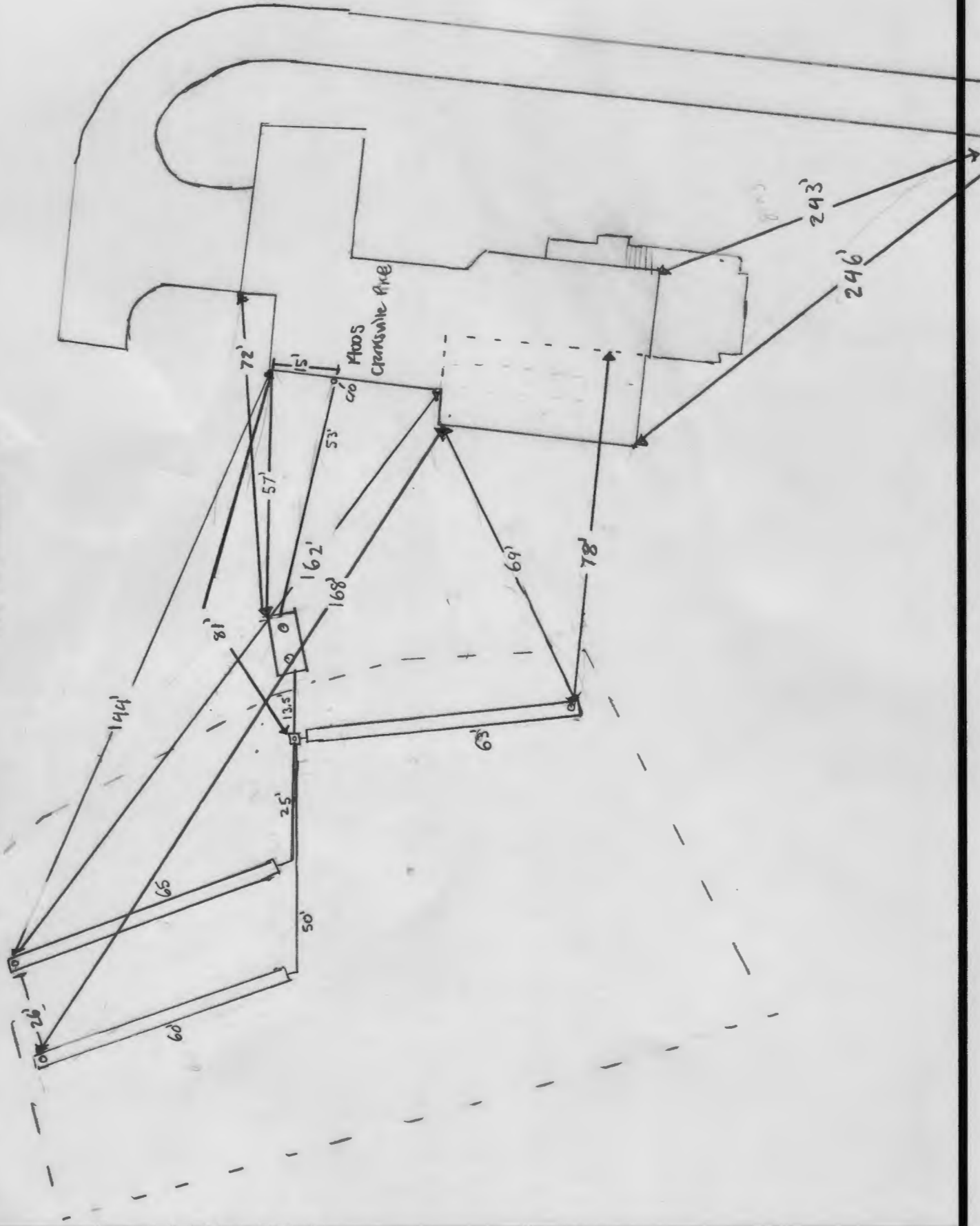
DATE ON LID

PRE-CONSTRUCTION:

10/15/2023 - Installer & builder made for pre-con. Installer stated they would take all part of inlet line, regrade 200' around tank to plan, then re dig for inlet line & tank. SPT shown still on site. Measured 10' off old trench stakes for new stakes on plan. Upper & lower right trenches on center by 0.5'-3".
INSTALLATION: upper left trench will need to be widened about 12" when tank is set.
10/16/2023 - Builder changed grade, took utility to 18" (confirmed front line coming into tank has full. Stand while contractor dig hole for tank, waited for tank to arrive, arrived in good condition & has 2.5'-3' of cover.
10/17/2023 - Installer made for inspection. Started lower trench, bottom depth measured @ 2', still showing trench. Came back later in the day to see rest of lower & upper trench. Lower inlet @ 2'-2.5', upper inlet @ 4' but effective depth @ 6', did not take any effective sidewall. measured lower trench @ 60'. Did not see bottom in tank yet. Waiting for pre of plan for lower trench. Need to see 2 upper trenches still.
10/19/2023 - 2 upper trenches finished inlet @ 4'-4.5'. Contractor leveled box, inspector had to leave due to sickness.

FINAL INSPECTOR S. Page DATE OF APPROVAL 10/19/2023

NOT TO SCALE 1" = 30'

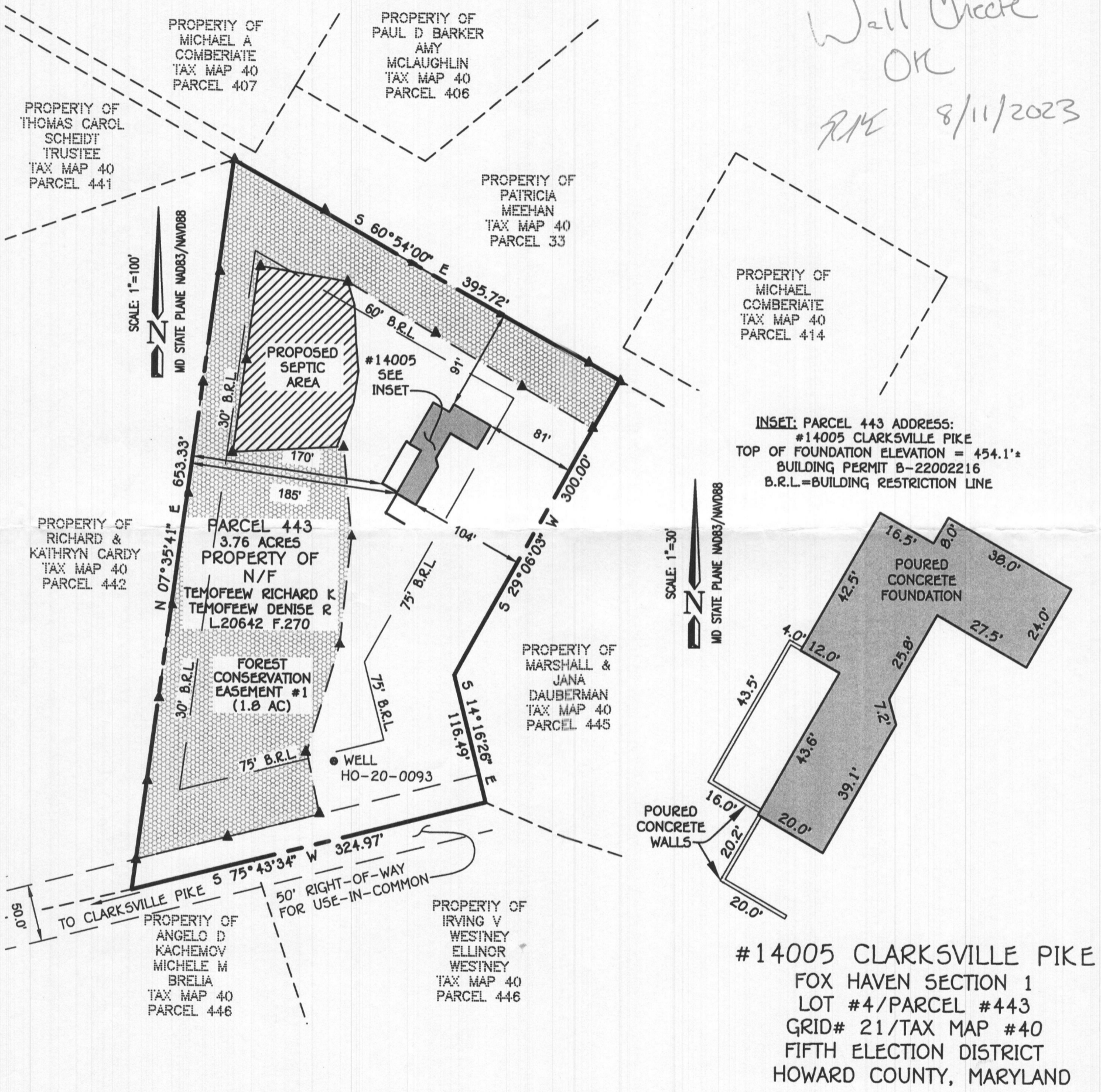


HO 201004E

GENERAL NOTES:

- 1) THE PURPOSE OF THIS SPECIAL PURPOSE SURVEY IS TO REPRESENT THE POSITION OF THE POURED CONCRETE FOUNDATION AND OTHER VISIBLE IMPROVEMENTS AFFECTING THE SUBJECT PROPERTY BASED OFF OF A FIELD RUN SURVEY PERFORMED JULY 25, 2023.
- 2) THIS SPECIAL PURPOSE SURVEY IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES.
- 3) DIMENSIONS TO THE BOUNDARY LINES SHOWN HEREON ARE PLUS OR MINUS ONE HALF A FOOT (1.0').
- 4) THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE X, WHICH IS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD HAZARD, AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP FOR HOWARD COUNTY, MARYLAND, MAP NUMBER 24027C0140D WITH AN EFFECTIVE DATE OF NOVEMBER 06, 2013.
- 5) NO TITLE REPORT WAS REVIEWED AND IS SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 6) BEARINGS SHOWN HEREON ARE SUBJECT TO A $0^{\circ}46'26''$ COUNTERCLOCKWISE FROM DEED MERIDIAN (LIBER 20642 FOLIO 270) INTO THE MARYLAND COORDINATE SYSTEM NAD83 (2011) DATUM.
- 7) THE EXISTING WELL SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-20-0093 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 8) SURVEYORS CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON WAS OBTAINED USING ACCEPTED LAND SURVEYING PRACTICES; AND THAT THE BOUNDARY INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE DEEDS AND RECORDS; AND THAT THIS PLAT AND THE SURVEY ON WHICH IT IS BASED ON WERE PREPARED UNDER MY RESPONSIBLE CHARGE AND ARE IN COMPLIANCE WITH COMAR REGULATION 09.13.06.12; AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 22030, EXPIRATION DATE MAY 11, 2024.

Well Check
OK
RMC 8/11/2023



REVISION	
DATE	COMMENT
8/10/23	CHANGED ELEVATION OF TOP OF FOUNDATION

ROBERT EVANS WALKER
PROFESSIONAL LAND SURVEYOR
REG. #22030 EXP. 05/11/2024

5/10/2023
DATE

SPECIAL PURPOSE SURVEY

FOUNDATION LOCATION: 7/25/23
FINAL LOCATION: _____
BOUNDARY SURVEY: _____

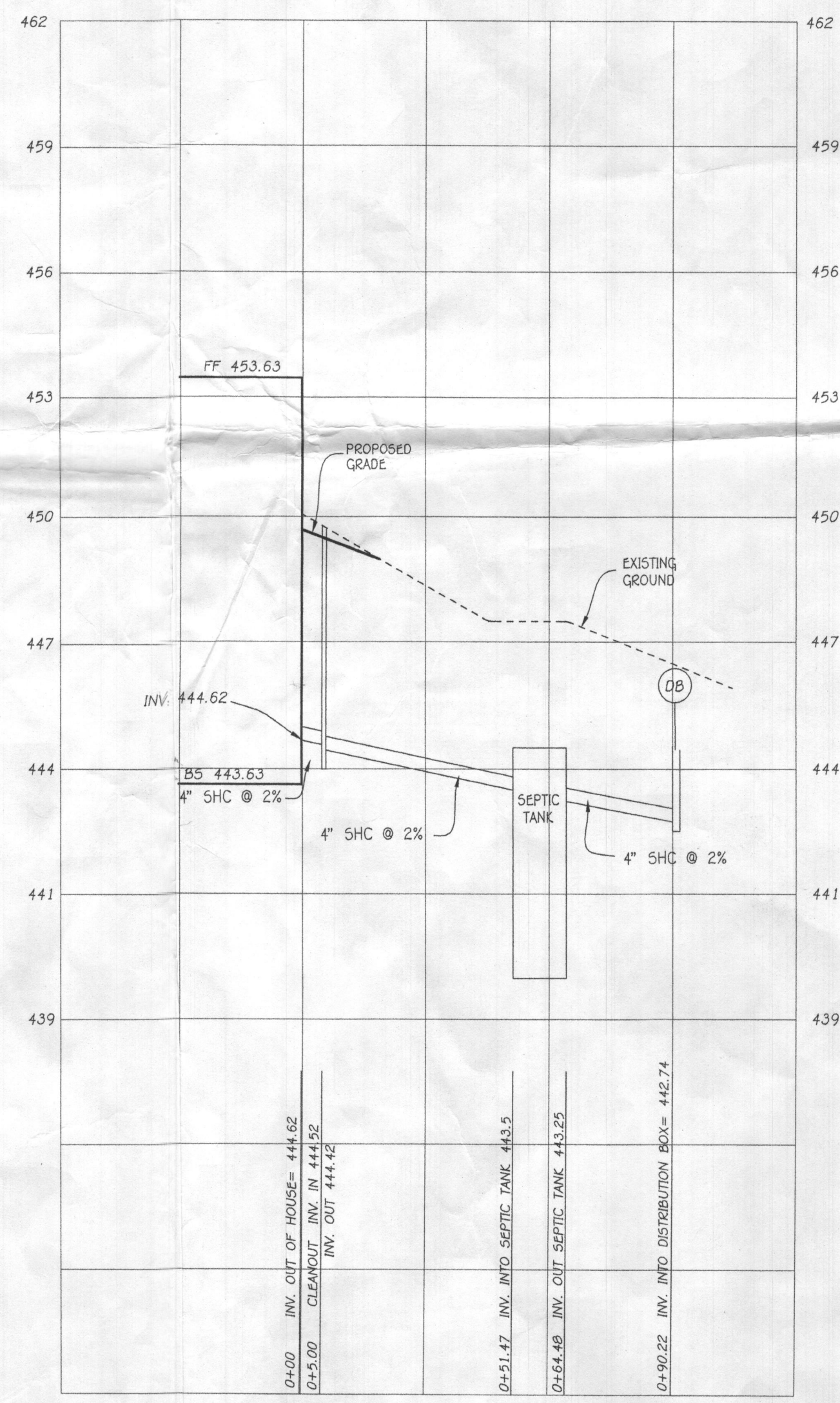
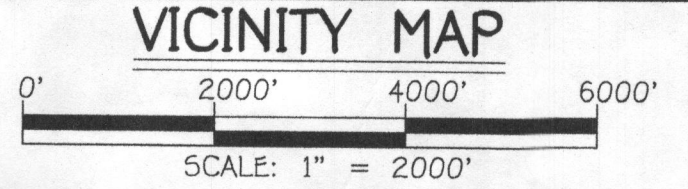
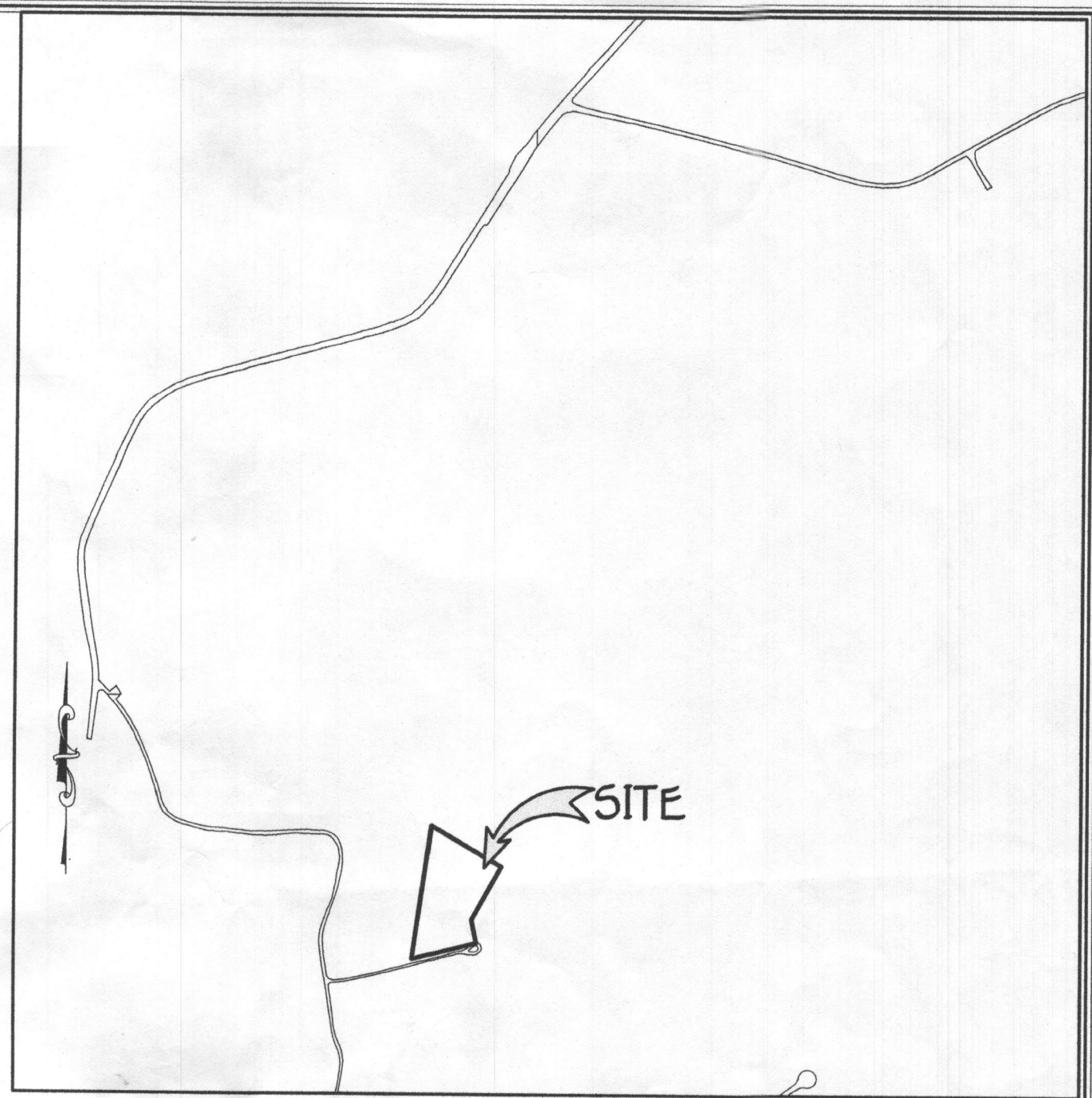
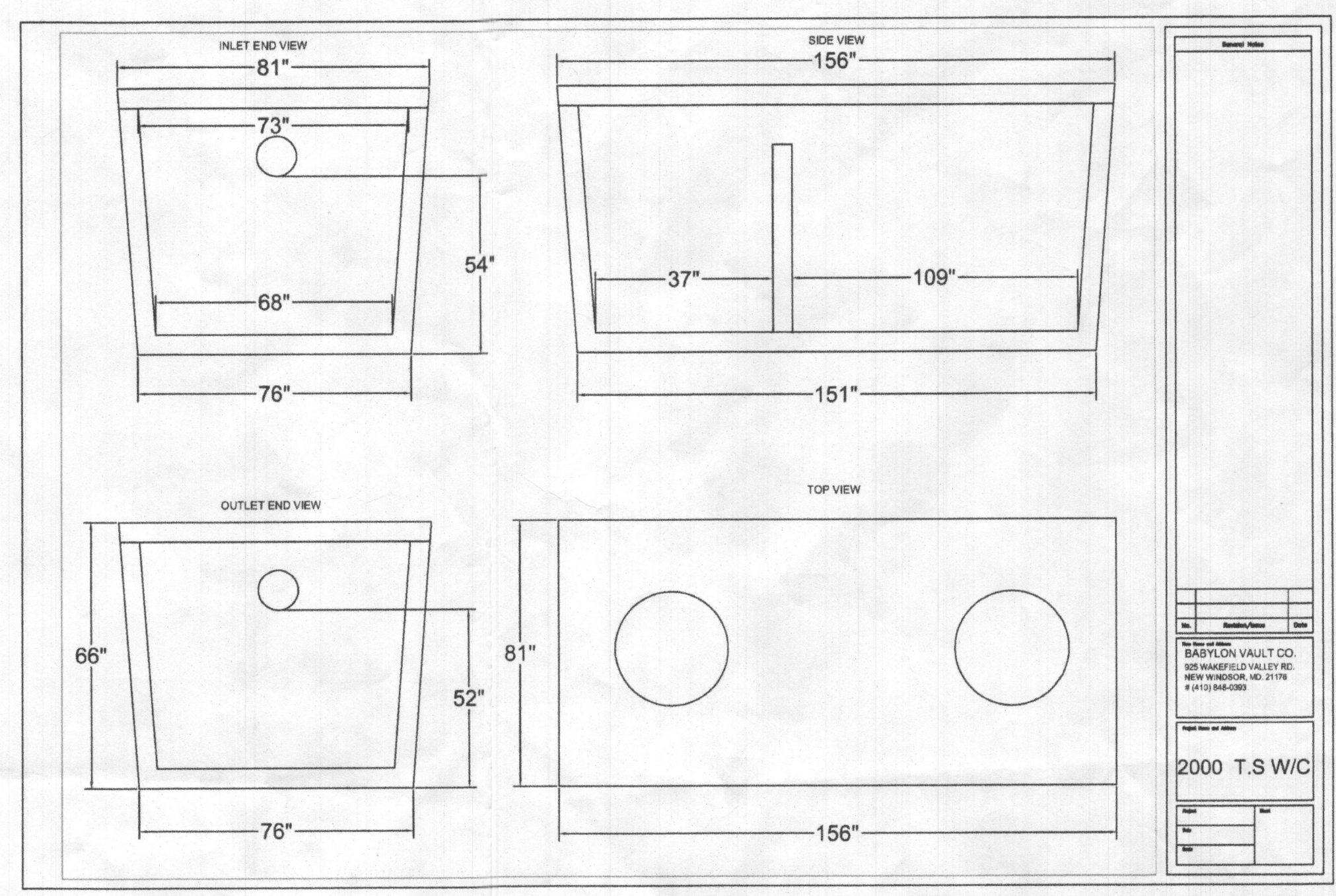
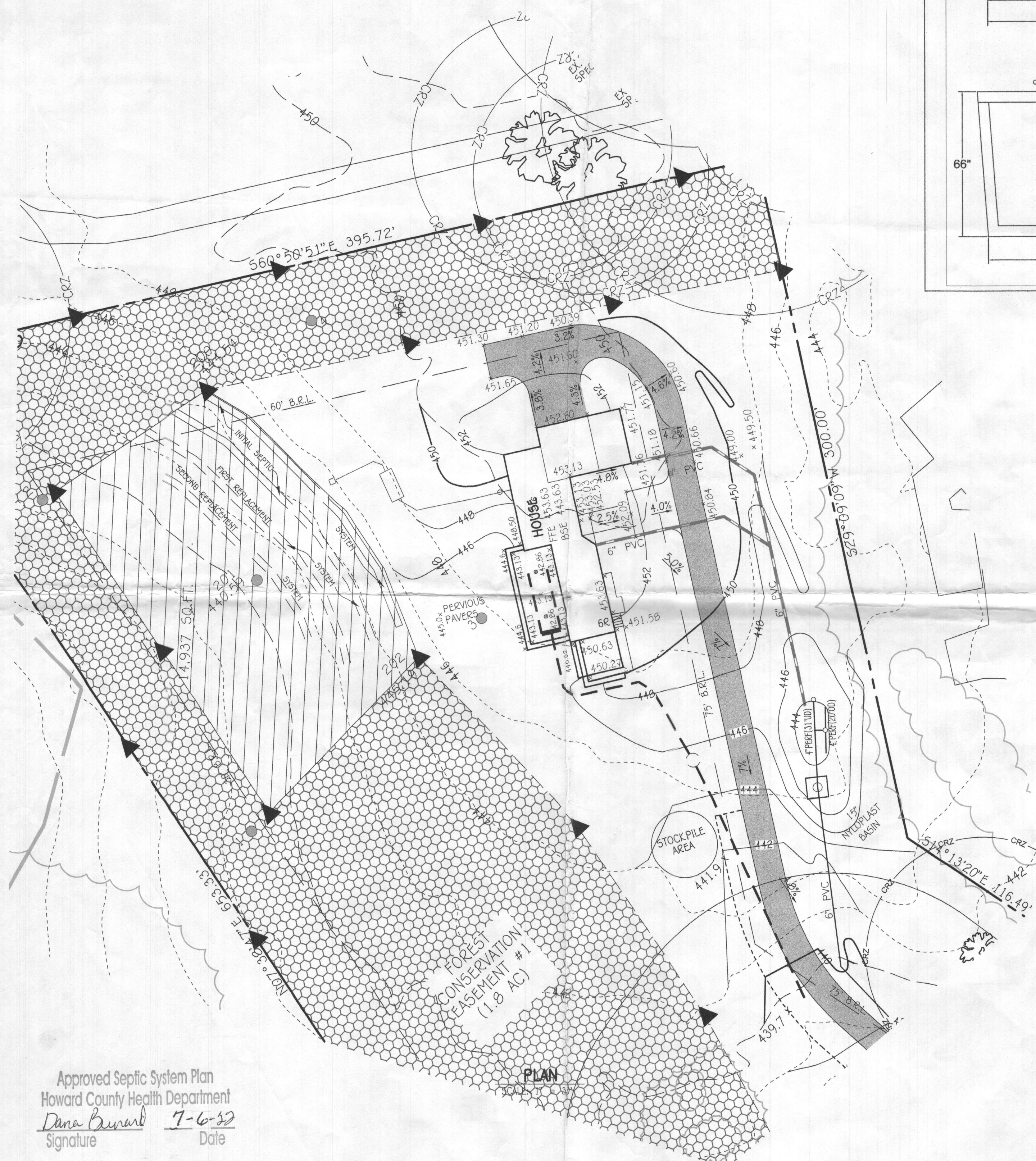
SCALE: 1"=100'
DATE: 7/27/2023
DRAWN BY: WAS
CHECKED BY: REW
PROJECT No.: 21003-6002

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

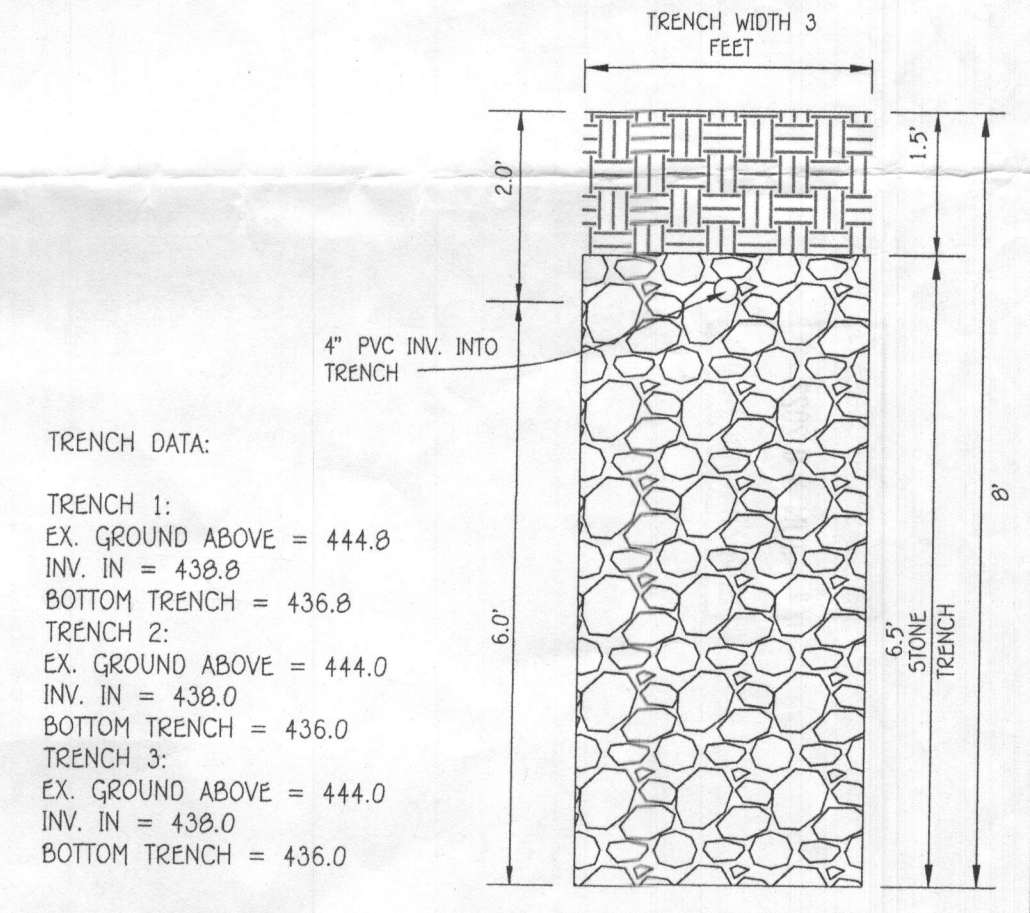
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855

1:2021\21003\Engineering\SURVEYS\ELECTRONIC FND LOCATION\21003\FNDLOC.dwg

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2. THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
3. THE WELL HO-20-0093 HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
4. 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.



FFE 453.63
 BSE 443.693
 INV. OUT OF HOUSE = 444.2
 PROP. GROUND AT CLEANOUT #1 = 450.00
 INV. INTO CLEANOUT = 445.2
 INV. OUT OF CLEANOUT = 444.2
 EX. GROUND AT SEPTIC TANK = 447.5
 PROP. GRADE ABOVE SEPTIC TANK = 447.5
 TOP OF SEPTIC TANK = 445
 INV. INTO SEPTIC TANK = 445
 INV. OUT OF SEPTIC TANK = 443.25
 EX. GROUND AT DISTRIBUTION BOX = 445.9
 INV. INTO DISTRIBUTION BOX = 442.74
 INV. OUT OF DISTRIBUTION BOX = 442.64



TRENCH DATA:
 TRENCH 1:
 EX. GROUND ABOVE = 444.8
 INV. IN = 438.8
 BOTTOM TRENCH = 436.8
 TRENCH 2:
 EX. GROUND ABOVE = 444.0
 INV. IN = 438.0
 BOTTOM TRENCH = 436.0
 TRENCH 3:
 EX. GROUND ABOVE = 444.0
 INV. IN = 438.0
 BOTTOM TRENCH = 436.0

INITIAL SYSTEM

SEWAGE DISPOSAL SYSTEM DATA/DESIGN FOR
 5 BEDROOMS (PERMIT FOR 4 BEDROOMS)
 LOADING RATE = 5 BEDROOMS 150 GPD/BEDROOM = 750 GPD
 APPLICATION RATE = 0.8
 EFFECTIVE SIDEWALL BEGINS AT FEET
 TRENCH DEPTH = 8 FEET
 TRENCH WIDTH (W) = 3 FEET
 EFFECTIVE DEPTH (D) = 2 FEET
 SF OF DRAINFIELD = 750 GPD / 0.8 = 937.5 SF
 COEFFICIENT OF REDUCTION OF TRENCH LENGTH =
 $(W+2)/(W+1+2D) = (3+2)/(3+1+2(2)) = 0.625$
 TRENCH LENGTH = 312.50 SF / 0.625 = 195.31 FEET
 (USE 3 TRENCHES AT 65.10 LF.)
 TRENCH SPACING = 20+W = ((2+3) + 3) = 7' USE 10'

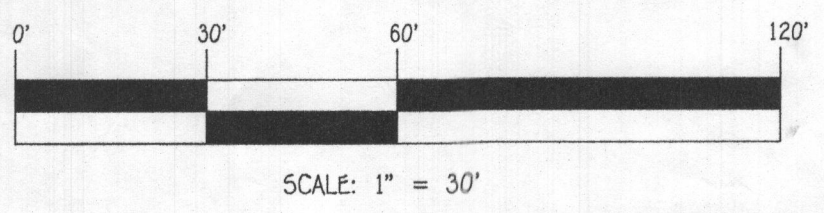
2ND REPLACEMENT SYSTEM

SEWAGE DISPOSAL SYSTEM DATA/DESIGN FOR
 5 BEDROOMS (PERMIT FOR 4 BEDROOMS)
 LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD
 APPLICATION RATE = 1.2
 EFFECTIVE SIDEWALL BEGINS AT 4 FEET
 TRENCH DEPTH = 8 FEET
 TRENCH WIDTH (W) = 3 FEET
 EFFECTIVE DEPTH (D) = 4 FEET
 SF OF DRAINFIELD = 750 GPD / 1.2 = 625 SF
 COEFFICIENT OF REDUCTION OF TRENCH LENGTH =
 $(W+2)/(W+1+2D) = (3+2)/(3+1+2(4)) = 0.41$
 TRENCH LENGTH = 208.33 SF x 0.41 = 85.42 FEET
 (USE 2 TRENCHES AT 42.71 LF.)
 TRENCH SPACING = 20+W = ((2+4) + 3) = 11' USE 11'

1ST REPLACEMENT SYSTEM

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Approved Septic System Plan
 Howard County Health Department
 Dana Bernard 7-6-22
 Signature Date



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING, CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 GAITHERSBURG, MARYLAND 20878
 (410) 461-2895

OWNER
 RICHARD K. TEMOFFEWE
 DENISE R. TEMOFFEWE
 13465 LONG DAYS COURT
 HIGHLAND, MARYLAND 20777

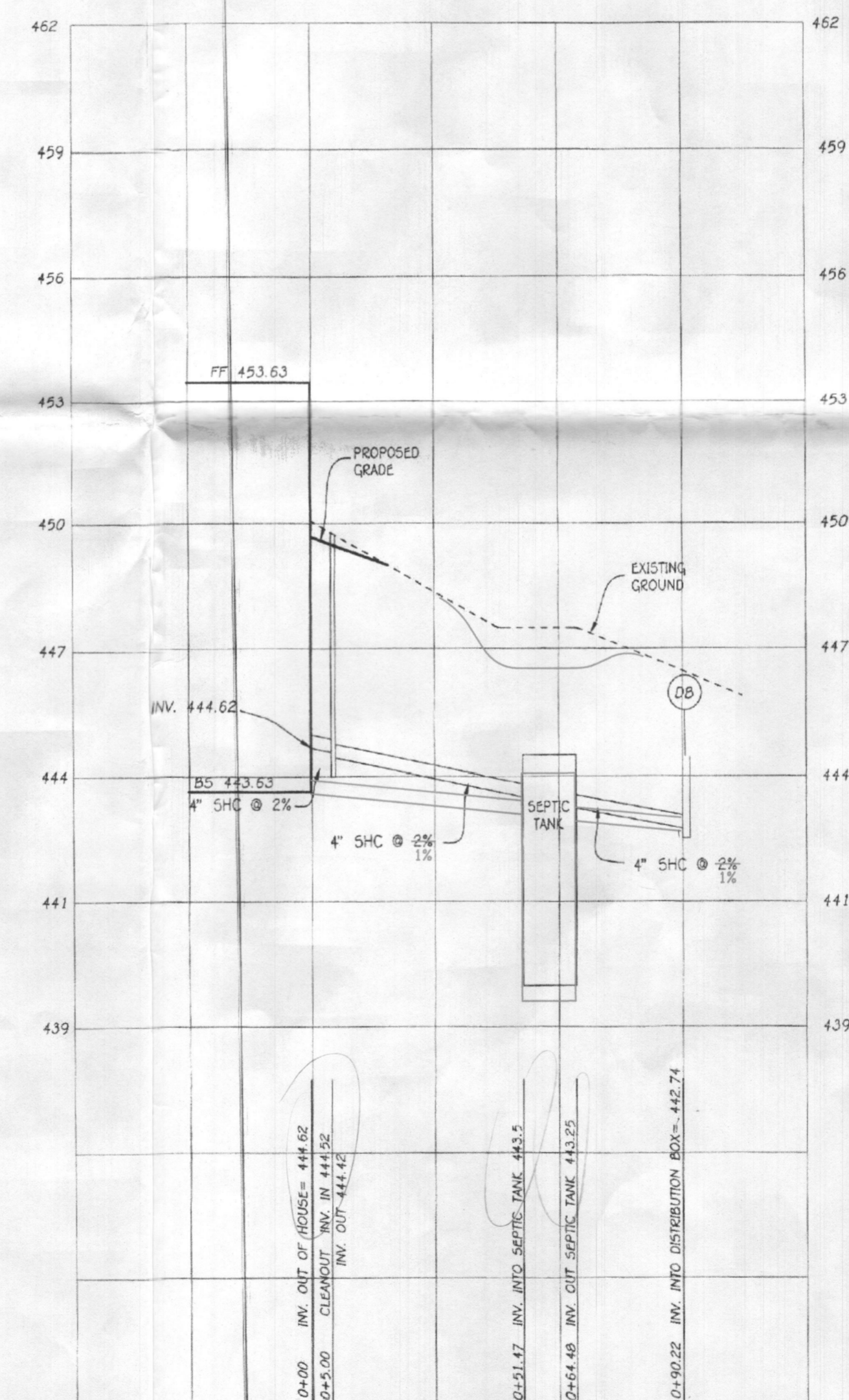
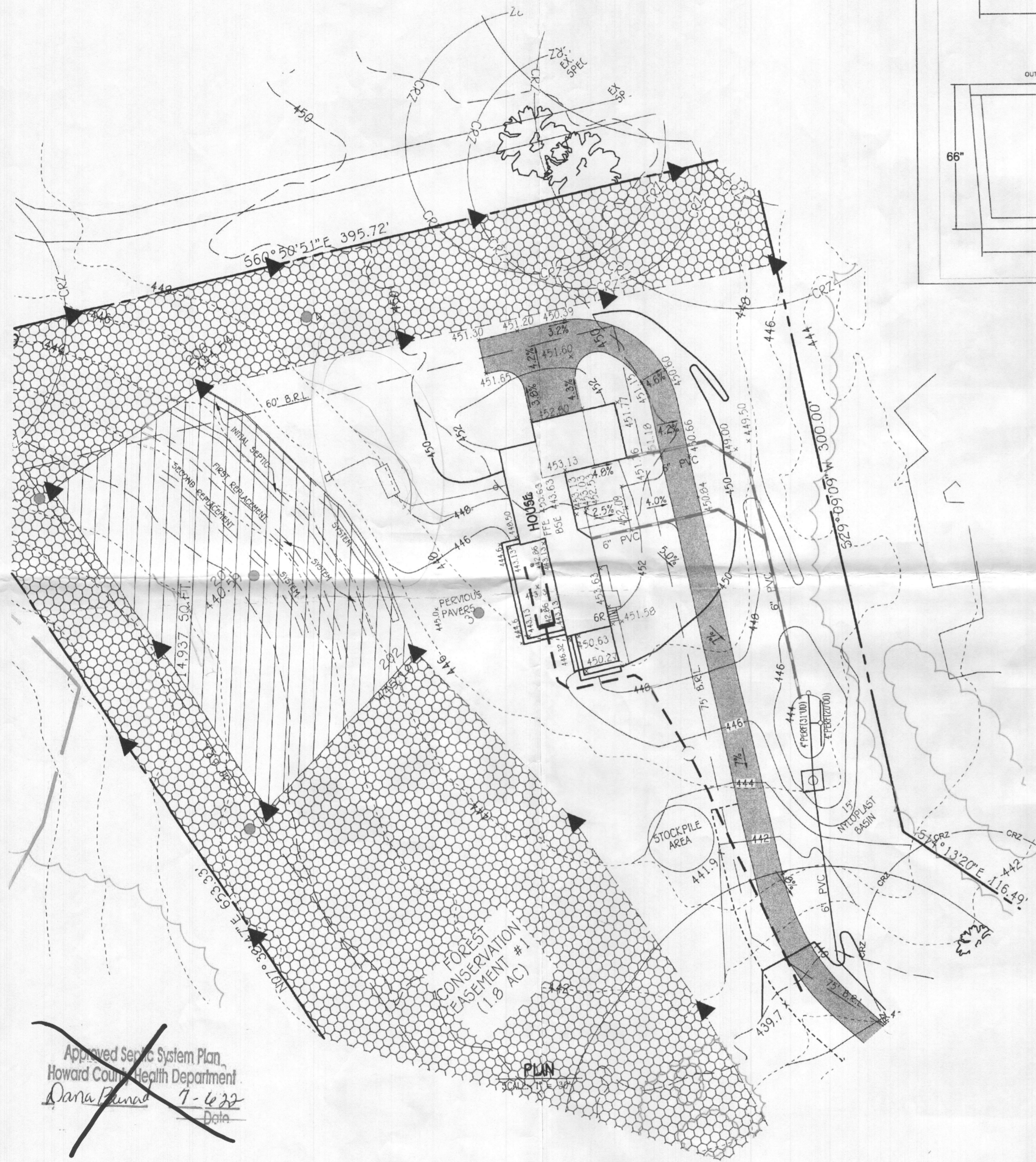
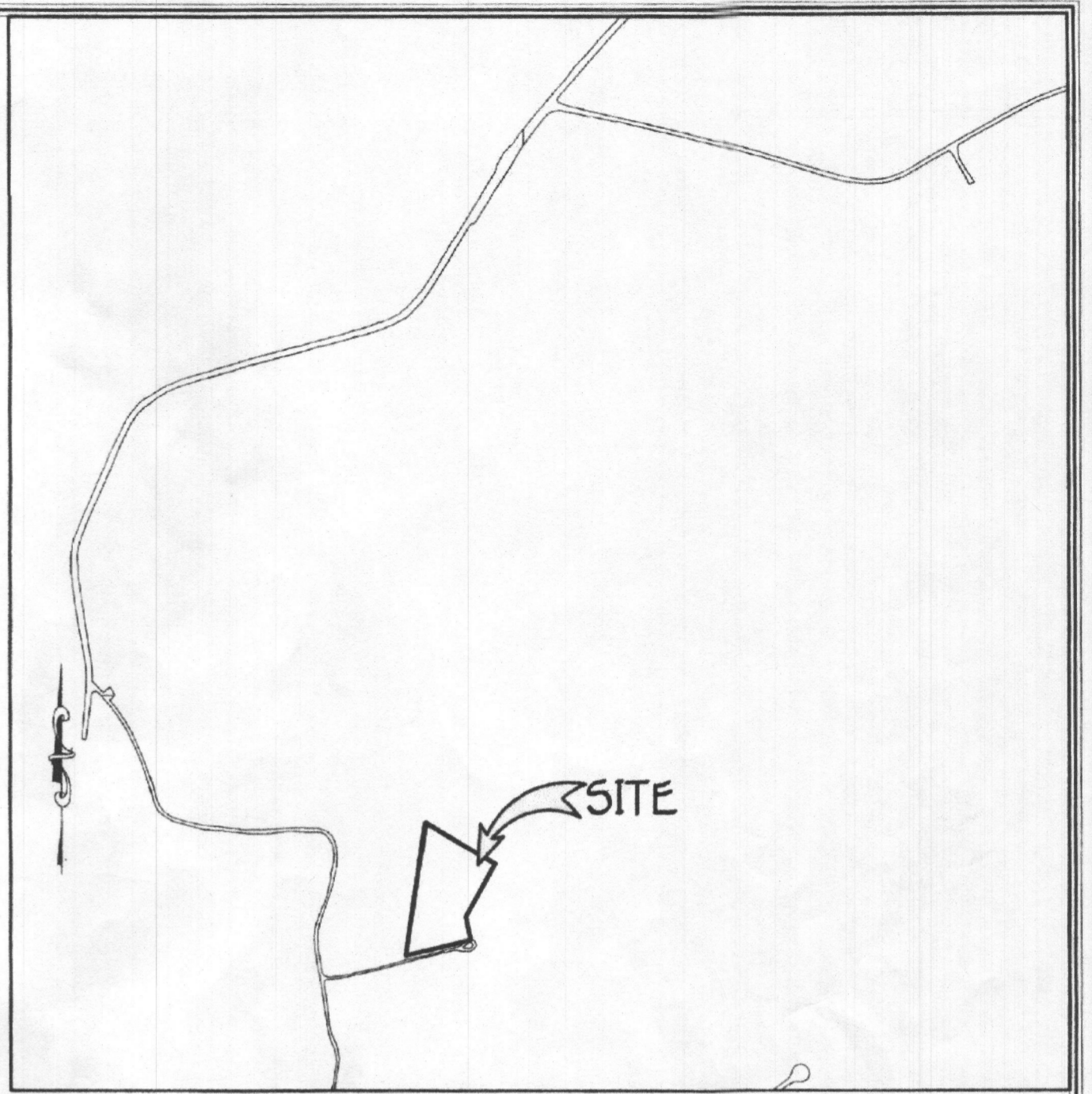
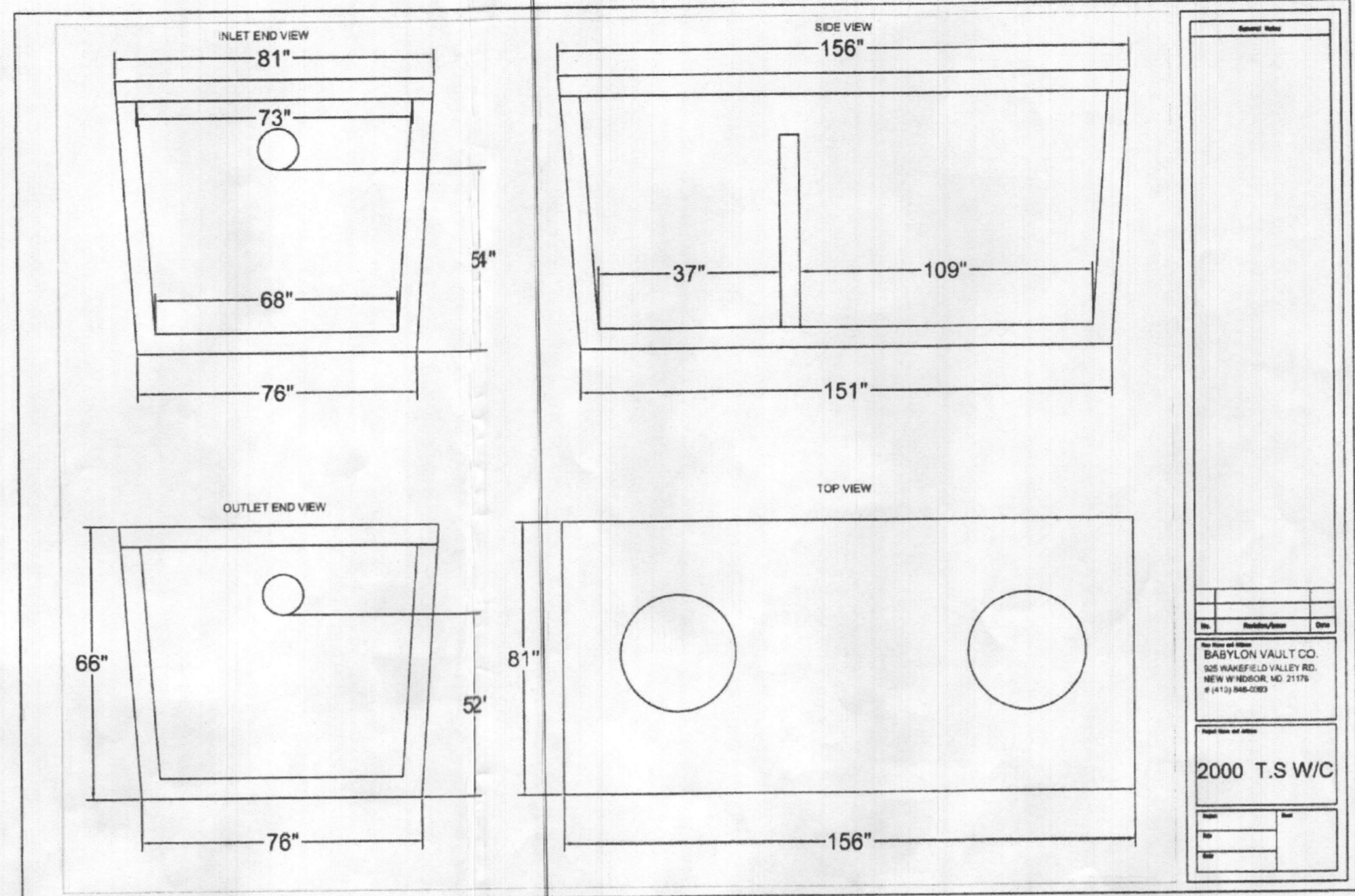


PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 20748, EXPIRATION DATE: 02/22/2023.
 Signature: Michael Vitucci
 Date: 6/30/22

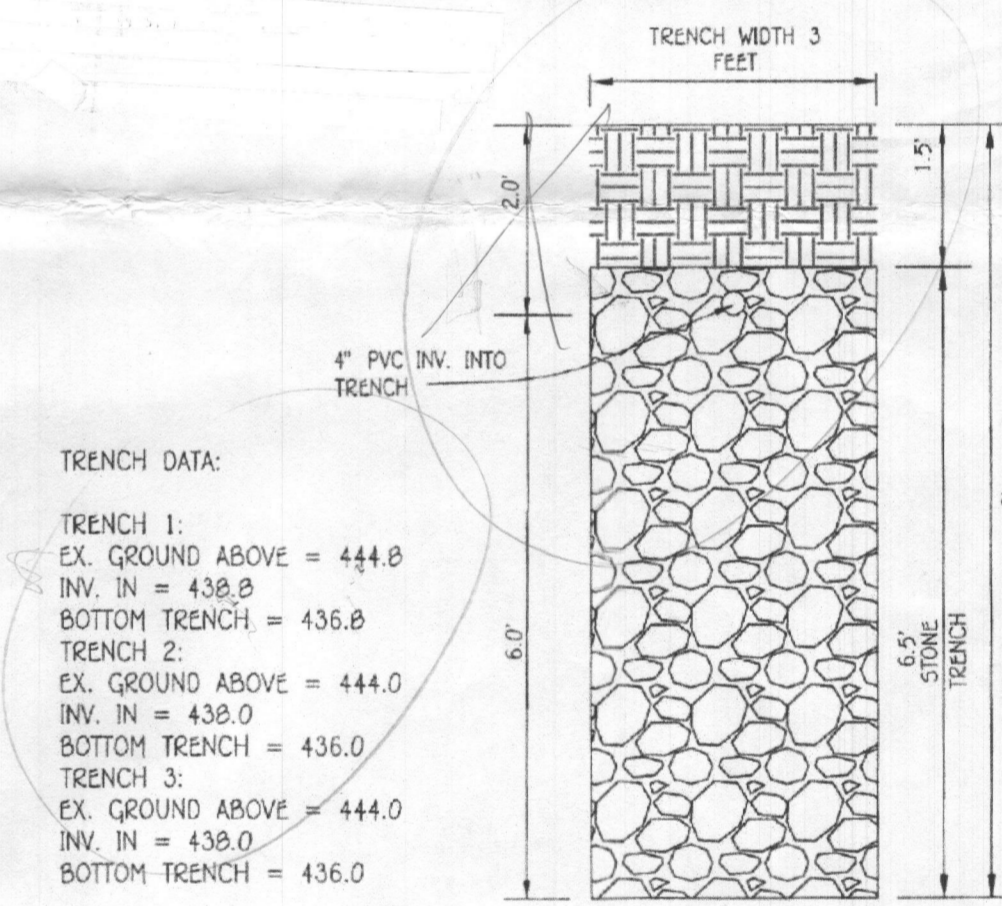
SEPTIC PROFILE
 SCALE: 1"=30'

**SEPTIC SYSTEM
 INSTALLATION SITE PLAN
 14005 CLARKSVILLE PIKE**
 ZONED: RR-DEO
 TAX MAP NO.: 40 GRID NO.: 21 PARCEL NO.: 443
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=30' DATE: JUNE 30, 2022
 SHEET 1 OF 1

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INITIAL SYSTEM

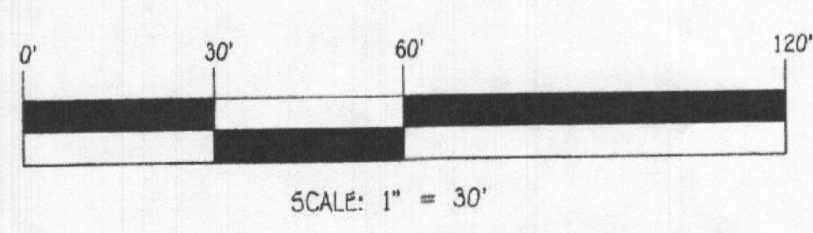
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 ELICOTT CITY, MARYLAND 21042
 (410) 461-2099

OWNER
 RICHARD K. TEMPEEW
 DENISE R. TEMPEEW
 13465 LONG DAYS COURT
 HIGHLAND, MARYLAND 20777



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Richard K. Tempeew
 Signature Of Professional Engineer

6/30/22
 DATE

SEPTIC PROFILE
 SCALE: 1"=30'

**SEPTIC SYSTEM
 INSTALLATION SITE PLAN
 14005 CLARKSVILLE PIKE**

ZONED: RR-DEO
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 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=30' DATE: JUNE 30, 2022
 SHEET 1 OF 1

Silvast, Zackary

From: Silvast, Zackary
Sent: Tuesday, September 26, 2023 2:38 PM
To: Luke Groom
Cc: Paul Cavanaugh; Williams, Jeffrey; Wolf, Kevin; Page, Shepsura; Bernard, Dana
Subject: regarding 14005 Clarkesville Pike OSDS plan revision comments.
Attachments: 14005 Clarkesville Pike specs (most recent).pdf

To Whom It May Concern,

We are directly responding to the redline submission of the OSDS provided to the Health Department from FCC for 14005 Clarkesville Pike property. There were unforeseen miscommunications between a number of parties involved with the property and a problem was put on the Environmental Health Bureau's to resolve. We have the following revision comments down below.

1. **This is no longer a redline submittal. We are requesting a whole new plan with three fresh copies for signature.**
2. **The septic profile detail DID NOT update all the necessary elevation changes with the tank and the invert pipe coming out of the house.**
3. **The redline grading should be flattened out further across contour line 448.**
 - a. **We do not want the tank in that large of a created depression and square in the middle of it.**
 - b. **May want to slide the tank downhill closer to the SDA. (might provide better than barely one percent fall from invert)**
4. **The trench data by the initial trench detail is incorrect showing a 6' invert.**
5. **The trench detail itself is incorrect showing the invert going in at 2'.**
 - a. **We need this number deeper than the distribution box, obviously.**
6. **Both the 1st and 2nd replacement systems need to be created around a 0.8 perc rate like the initial system.**
 - a. **The most recent spec sheet was created in 2021 by Jeff Williams which specifies these rates and effective areas. (see attached)**
 - b. **PLEASE DOUBLE CHECK ALL CALCULATIONS.**

We look forward to your swift corrections and resubmittal. Please share this e-mail with builder and contractor if desired. Thank you.

- ZS

Zack Silvast (LEHS)

Plan Review Supervisor - Water & Sewer Division
410-313-1777

Environmental Health Bureau
Howard County Health Department

Randy Young

443-277-5854

redline revision

2056

140

14005 clarksville pike

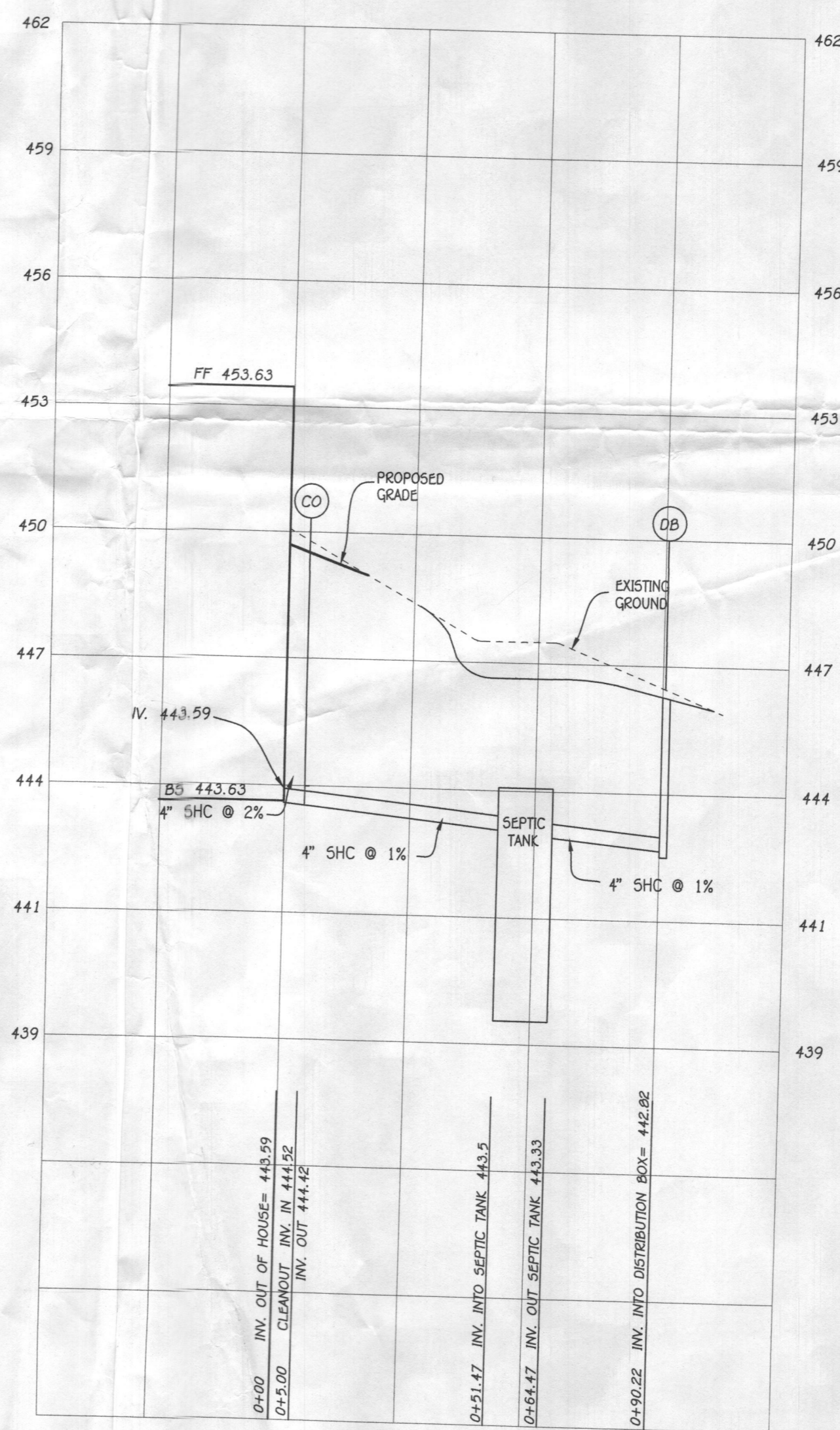
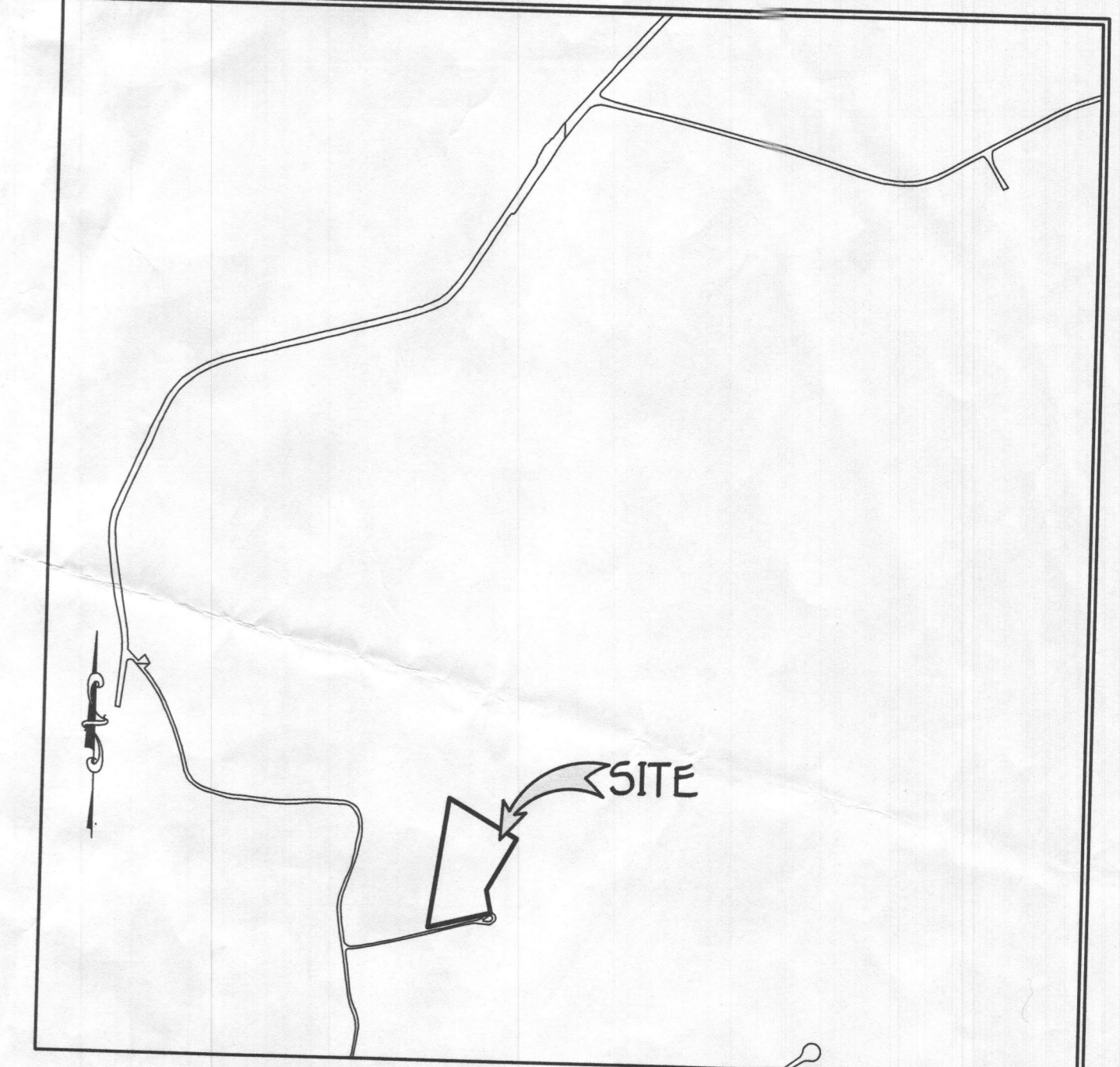
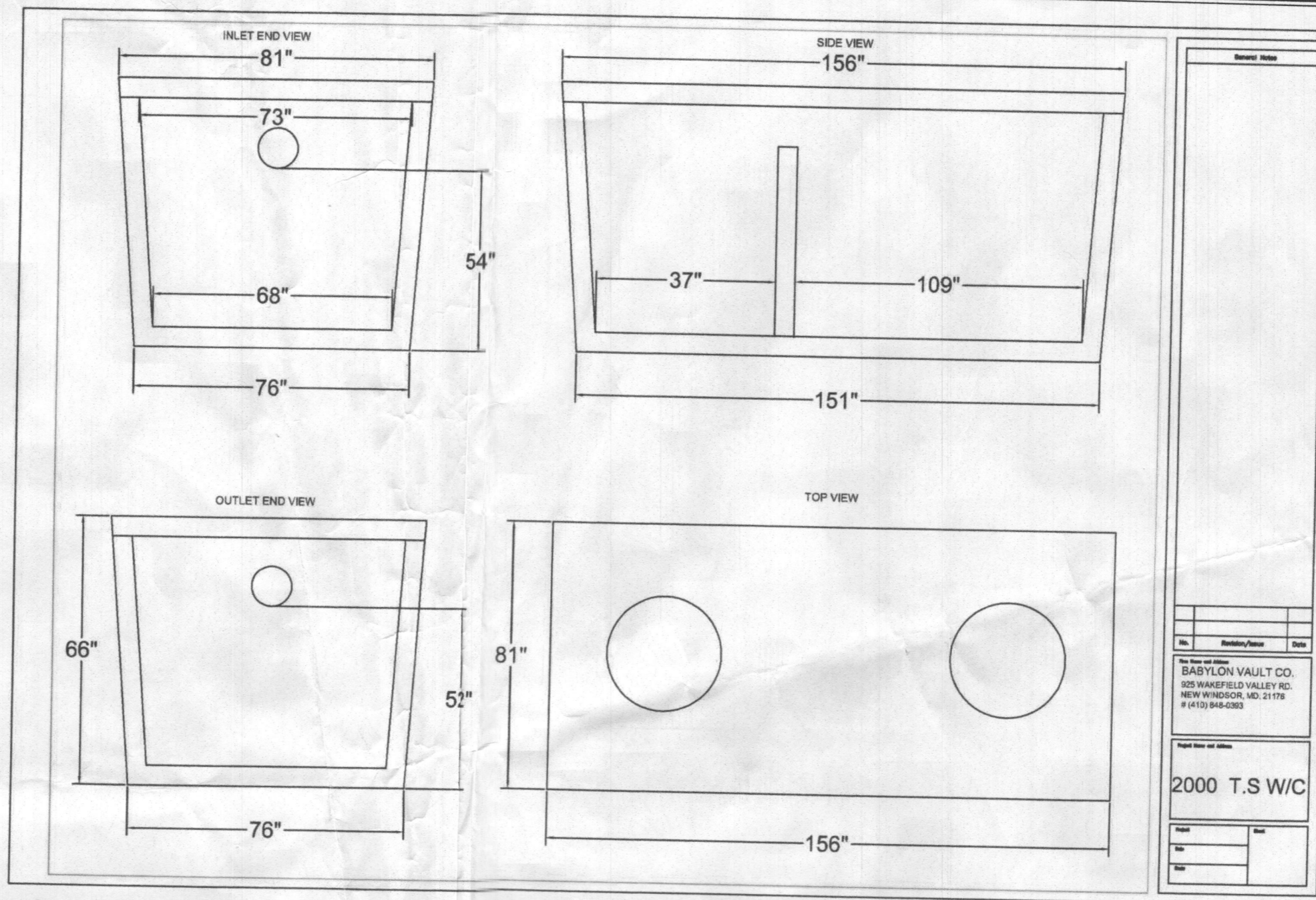
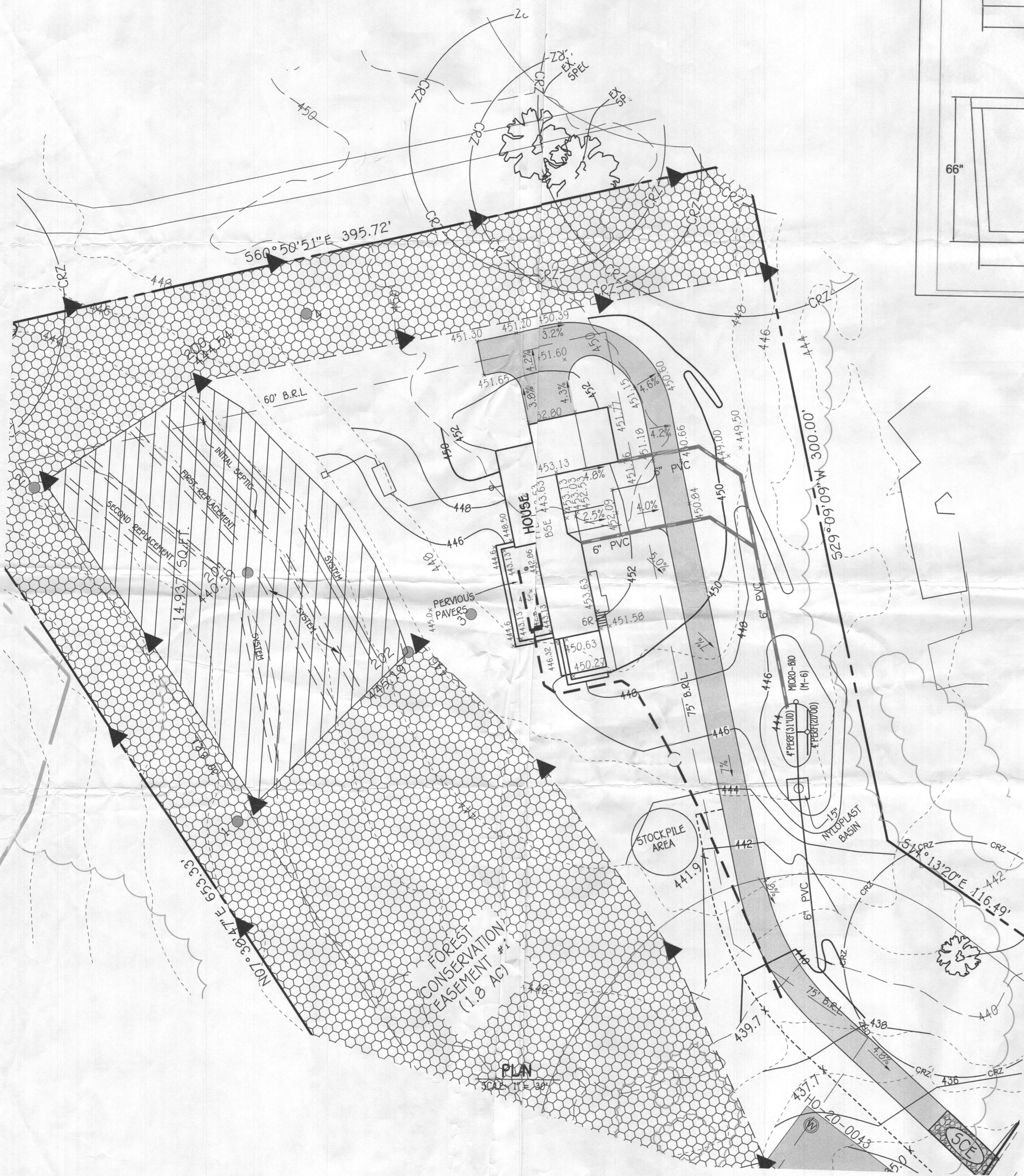
Dale German

443-744-9074

off on specs

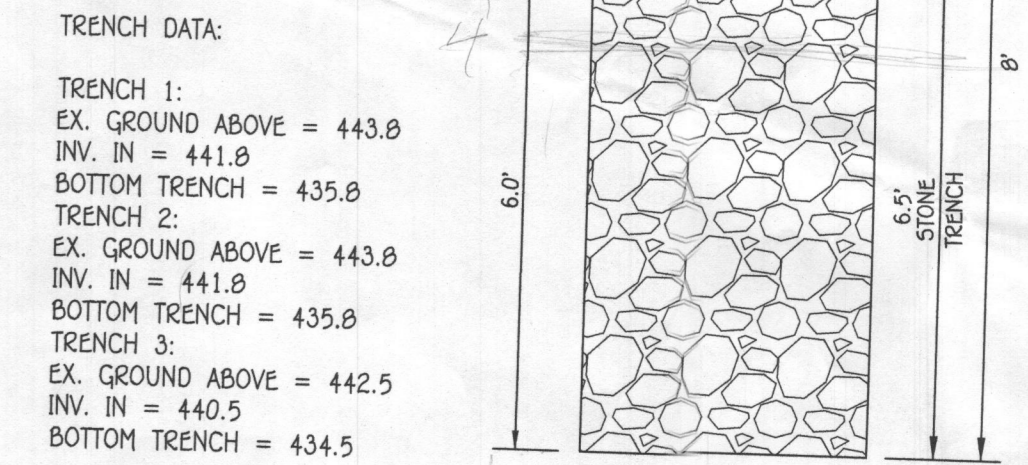
- 25

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 SITE PLAN MAY BE REQUIRED.
2. THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
3. ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
4. THE WELL HO-20-0093 HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
5. 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.
6. THE ENGINEER IS REGISTERED WITH MDE TO PROVIDE ON-SITE WASTEWATER SERVICE IN MARYLAND.



FFE 453.63
 BSE 443.63
 INV. OUT OF HOUSE = 443.59
 PROP. GROUND AT CLEANOUT #1 = 449.00
 INV. INTO CLEANOUT = 444.52
 INV. OUT OF CLEANOUT = 444.42
 EX. GROUND AT SEPTIC TANK = 447.5
 TOP OF GRADE ABOVE SEPTIC TANK = 446.8
 TOP OF SEPTIC TANK = 444.5
 INV. INTO SEPTIC TANK = 443.5
 EX. GROUND AT SEPTIC TANK = 443.33
 EX. GROUND AT DISTRIBUTION BOX = 445.9
 INV. INTO DISTRIBUTION BOX = 442.82
 INV. OUT OF DISTRIBUTION BOX = 442.72

Approved Septic System Plan
 Howard County Health Department
 Signature: [Signature]
 Date: 10/3/23



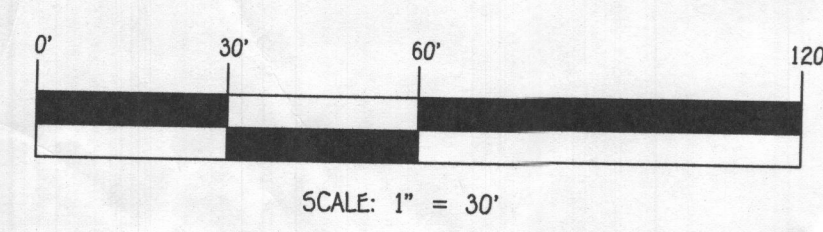
INITIAL TRENCH DETAIL
 SCALE: 1"=2'

INITIAL SYSTEM
 SEWAGE DISPOSAL SYSTEM DATA DESIGN FOR 5 BEDROOMS (PERMIT FOR 4 BEDROOMS)
 LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD
 APPLICATION RATE = 0.8
 EFFECTIVE SIDEWALL BEGINS AT 6 FEET
 TRENCH DEPTH = 8 FEET
 TRENCH WIDTH (W) = 3 FEET
 EFFECTIVE DEPTH (D) = 2 FEET
 SF OF DRAINFIELD = 750 GPD / 0.8 = 937.5 SF
 COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x2)) = 0.625
 TRENCH LENGTH = 312.50 SF x 0.625 = 195.31 FEET
 (USE 3 TRENCHES AT 65.10 L.F.)
 TRENCH SPACING = 20+W = ((2x2) + 3) = 7' USE 10'

1ST REPLACEMENT SYSTEM
 SEWAGE DISPOSAL SYSTEM DATA DESIGN FOR 5 BEDROOMS (PERMIT FOR 4 BEDROOMS)
 LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD
 APPLICATION RATE = 0.8
 EFFECTIVE SIDEWALL BEGINS AT 6 FEET
 TRENCH DEPTH = 8 FEET
 TRENCH WIDTH (W) = 3 FEET
 EFFECTIVE DEPTH (D) = 2 FEET
 SF OF DRAINFIELD = 750 GPD / 0.8 = 937.5 SF
 COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x2)) = 0.625
 TRENCH LENGTH = 312.50 SF x 0.625 = 195.31 FEET
 (USE 3 TRENCHES AT 65.10 L.F.)
 TRENCH SPACING = 20+W = ((2x2) + 3) = 7' USE 10'

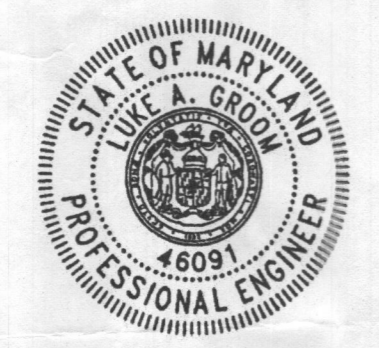
2ND REPLACEMENT SYSTEM
 SEWAGE DISPOSAL SYSTEM DATA DESIGN FOR 5 BEDROOMS (PERMIT FOR 4 BEDROOMS)
 LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD
 APPLICATION RATE = 0.8
 EFFECTIVE SIDEWALL BEGINS AT 6.5 FEET
 TRENCH DEPTH = 8 FEET
 TRENCH WIDTH (W) = 3 FEET
 EFFECTIVE DEPTH (D) = 1.5 FEET
 SF OF DRAINFIELD = 750 GPD / 0.8 = 937.5 SF
 COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x1.5)) = 0.714
 TRENCH LENGTH = 312.50 SF x 0.714 = 223.16 FEET
 (USE 3 TRENCHES AT 74.40 L.F.)
 TRENCH SPACING = 20+W = ((2x1.5) + 3) = 6' USE 10'

SEPTIC SYSTEM
 INSTALLATION SITE PLAN
 14005 CLARKSVILLE PIKE
 ZONED: RR-DEO
 TAX MAP NO.: 40 GRID NO.: 21 PARCEL NO.: 443
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=30' DATE: SEPTEMBER 29, 2023
 SHEET 1 OF 1



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2295

OWNER
 RICHARD K. TEMOFFEWE
 DENISE R. TEMOFFEWE
 13465 LONG DAYS COURT
 HIGHLAND, MARYLAND 20777



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. 46091, EXPIRATION DATE: 05/14/2025.
 Luke Johnson
 Signature Of Professional Engineer
 DATE: 9-29-23

SEPTIC PROFILE
 SCALE: 1"=30'