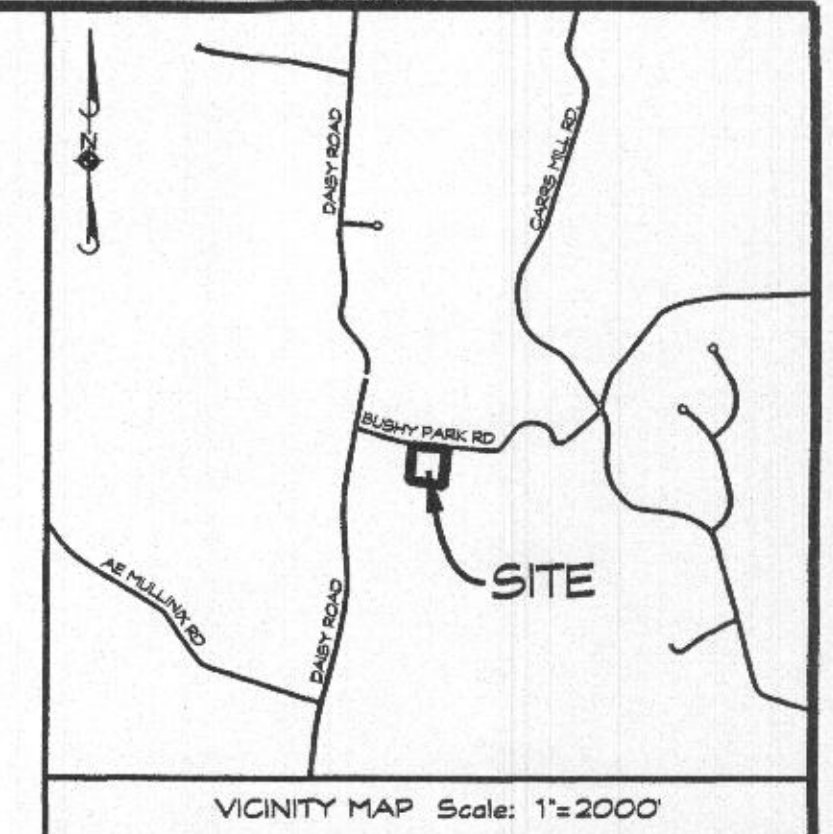


NOTES:
 1. TRENCHES SHALL BE CONSTRUCTED 11 FT. (MIN) EDGE TO EDGE
 2. TRENCH BOTTOMS SHALL BE LEVEL ALONG THE LENGTH OF THE 4\"/>

SEPTIC TRENCH DETAIL
 NOT TO SCALE



PLAN 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 # HC-17-0263) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
- IF A BUILDING PERMIT IS SUBMITTED ANY TIME IN THE FUTURE, A SEPTIC SYSTEM UPGRADE WILL BE REQUIRED TO FINISH THE AREA CURRENTLY IDENTIFIED AS THE BASEMENT. AT THAT TIME A SEPTIC SYSTEM UPGRADE WILL BE REQUIRED AS FINISHING THE BASEMENT COULD POSSIBLY CREATE A FIFTH BEDROOM PER HOWARD COUNTY CODE 3.80 1(B).
- TANK MEASUREMENTS AND ELEVATIONS ARE BASED ON SEPTIC TANKS AS MANUFACTURED BY MAYER BROS., ELK RIDGE, MD 410-796-1434
- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND 200 FEET DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- THE PERC TEST LOCATIONS AND SEPTIC EASEMENT AREA WERE TAKEN FROM THE APPROVED PERCOLATION TEST CERTIFICATION, TITLED "PERCOLATION CERTIFICATION PLAN J AND K PARTNERSHIP PREPARED BY FISHER, COLLINS & CARTER, INC.

GENERAL NOTES

- THE STORMWATER MANAGEMENT WAS NOT REQUIRED.
- THERE ARE NO STREAMS, PONDS, FLOODPLAINS, OR WETLANDS ON THIS LOT UNLESS OTHERWISE SHOWN HEREON
- THERE ARE NO 20% OR GREATER SLOPES ON THIS LOT UNLESS SHOWN.

DATA TABULATIONS

- ZONING DISTRICT: RC-DEO
- NUMBER OF BUILDING SITES: 1
- TOTAL AREA OF LOT: 3.00 ACRES

SEPTIC SYSTEM TRENCH DESIGN:

PROPOSED NUMBER OF BEDROOMS = 4
 DESIGN FLOW: 150 GALS x 4 BEDROOM = 600 GAL/DAY

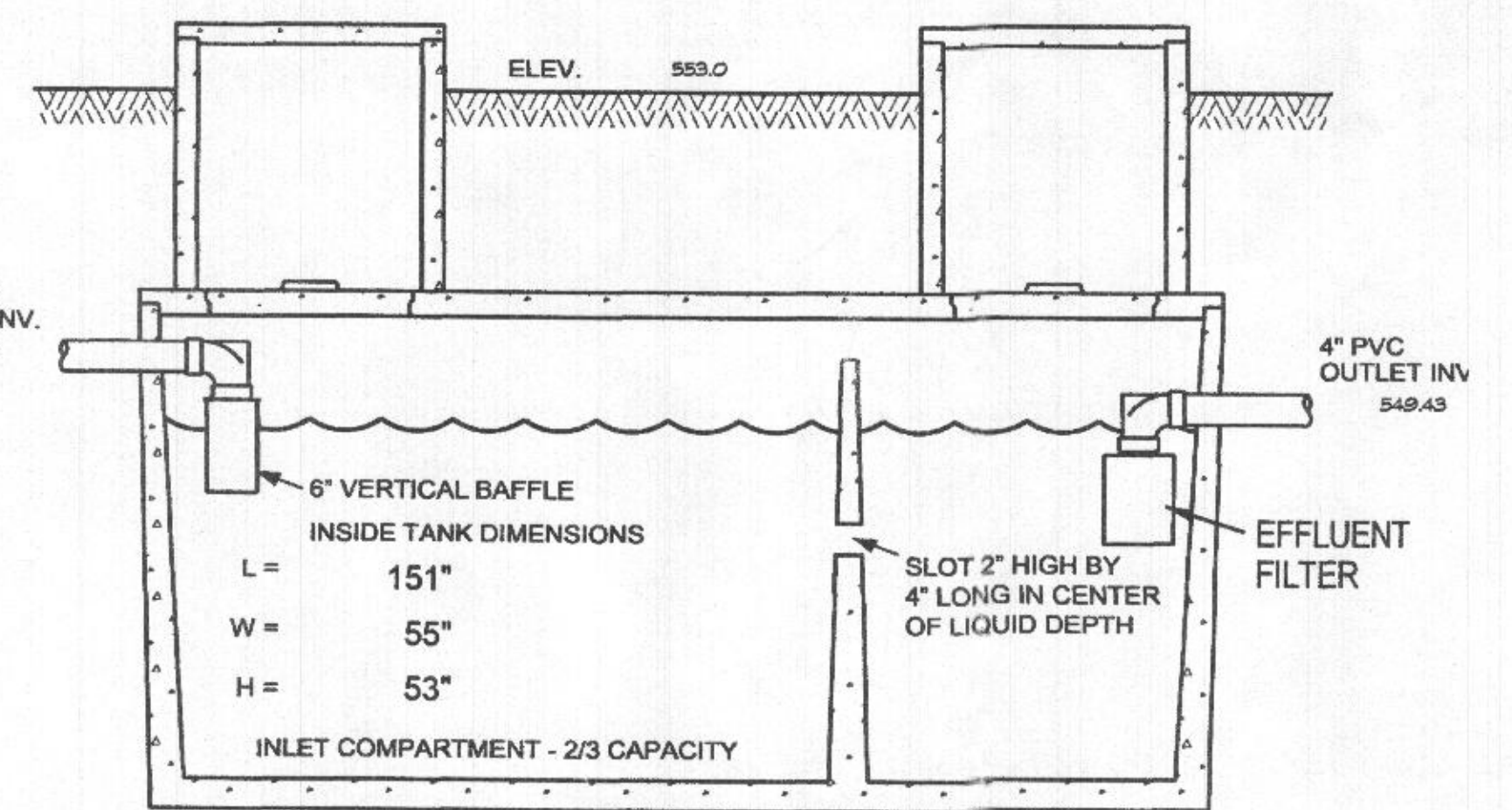
INITIAL SEPTIC SYSTEM & 2 REPLACEMENT SYSTEMS
 APPLICATION RATE = 0.8
 EFFECTIVE DEPTH = 4'
 600 GAL/DAY / 0.8 GAL / DAY/SQ. FT. =
 750 SQ. FT.
 750 SQ. FT. / 3 FT. = 250 LF. OF TRENCH
 250 LF. x 0.42 = 105 LF.
 USE 2 - 53 LF. OF TRENCH

Approved Septic System Plan
 Howard County Health Department
 Signature: *[Signature]* Date: 8/20/2021

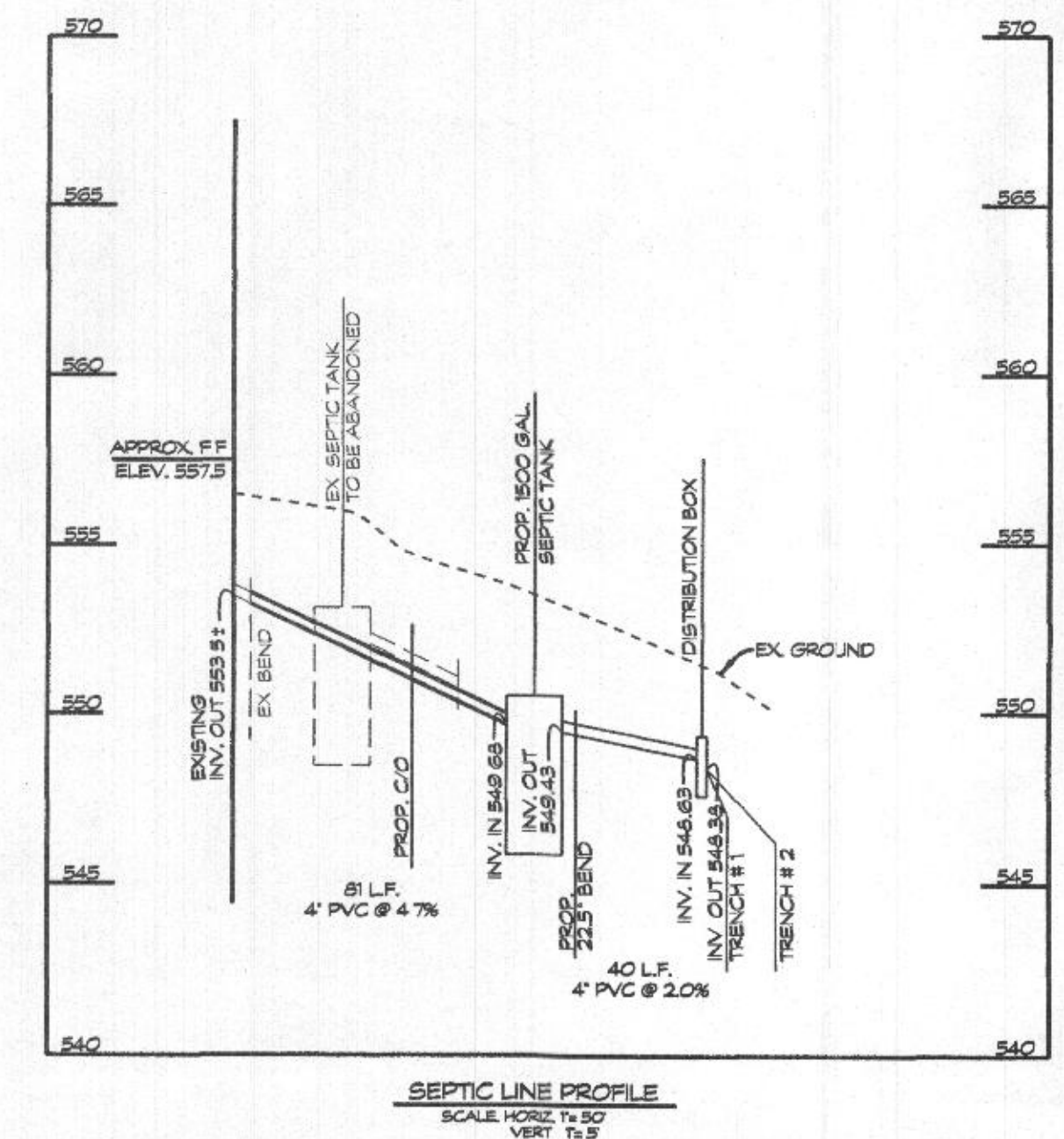
TRENCH CHART

TRENCH	EX. GROUND	INV. ELEV.	BOTTOM OF TRENCH
1	551.0	547.0	543.0
2	550.2	546.2	542.2

NOTE:
 THE SEPTIC TANK RISERS TO TERMINATE AT LEAST 6' ABOVE FINAL GRADE.



1500 GALLON SEPTIC TANK
 NOT TO SCALE



SEPTIC LINE PROFILE
 SCALE: HORIZ. 1\"/>

LEGEND

- 560 EX 10' CONTOUR
- 550 EX 2' CONTOUR
- ⊙ PASSED PERC TEST
- ▲ ALTERNATE WELL
- ▲ EXISTING WELL
- SOIL LINES
- DENOTES TOTAL PROPOSED SEPTIC RESERVE EASEMENT AREA FOR THE PURPOSE OF THIS PROPERTY, SINGLE FAMILY RESIDENCE
- EXISTING TREELINE

SOILS LEGEND

SOL SYMBOL	SOIL SERIES	SOL HSG	BROCKLE (K-FACTOR x35)	HYDRIC
LoB	Lignos silty loam	C	-	-
LoC	Lignos silty loam	C	-	-
LoB	Lignos-Tomahawk silty	C	-	-

OWNER/DEVELOPER
 DAVEY & LINDSEY BLACK
 15651 BUSHY PARK ROAD
 WOODBINE, MD 21797

ONSITE SEWAGE DISPOSAL PLAN
 LOT 1
BUSHY PARK ESTATES
 15651 BUSHY PARK ROAD
 RECORDED IN PLAT NO. 4651
 TAX MAP: 14 * BLOCK: 01 * PARCEL: 152
 4th ELECTION DISTRICT * HOWARD COUNTY, MD

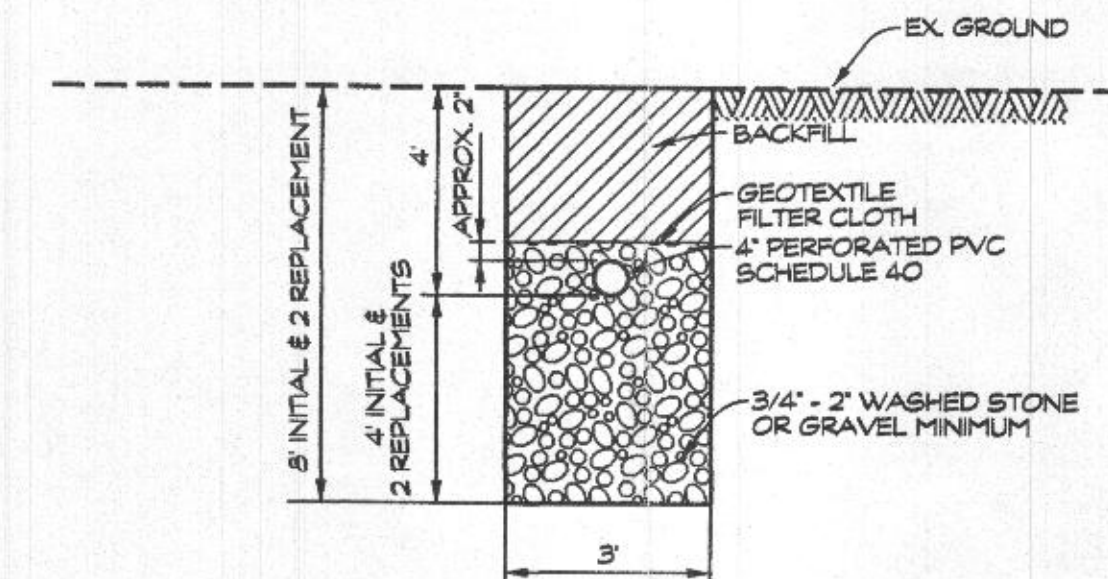
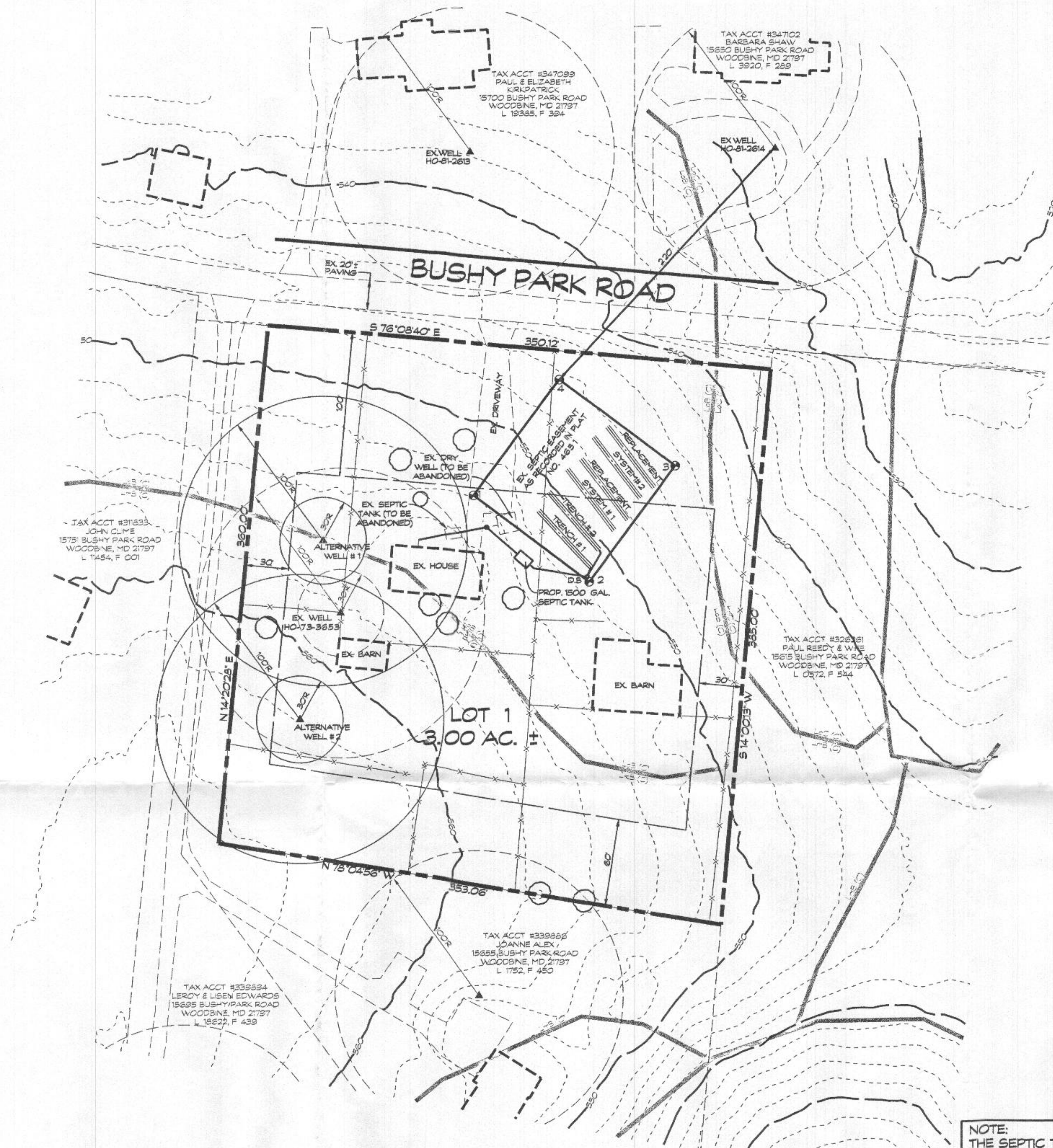
[Signature] 8/15/21
 Date: 8/15/21

CLSI
 Engineers - Surveyors
 Land Planning & Environmental Consultants
 www.clsi-env.com
 439 East Main Street Westminster, MD 21157-5539
 (410) 848-1790 FAX (410) 848-1791

Date	Revisions	Drawn By	BM

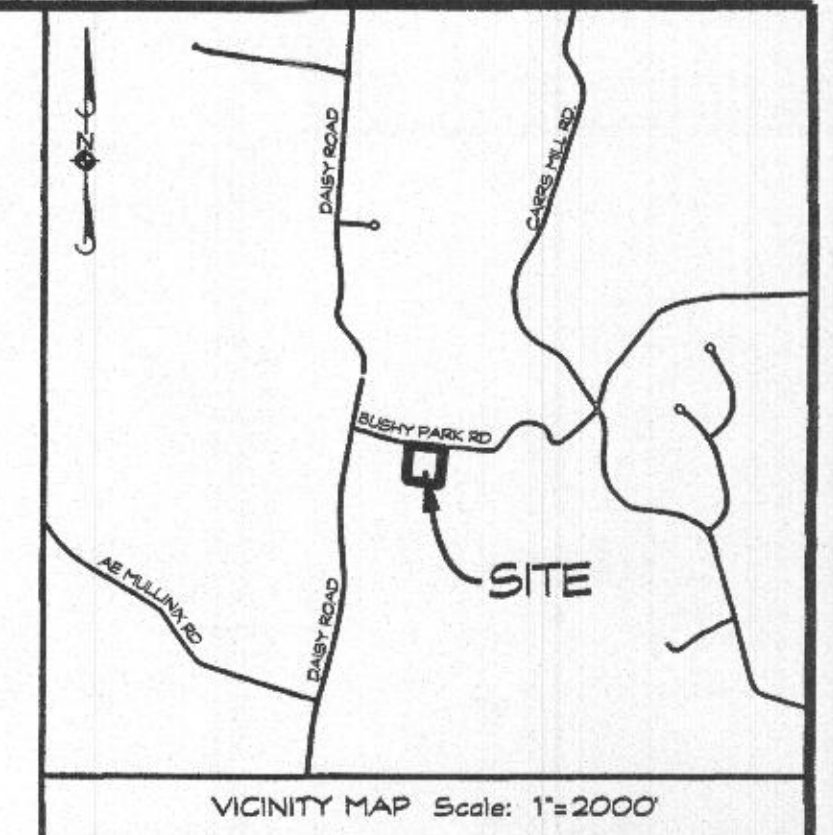
Scale: 1" = 50'
 Job No.: 2021180
 Sheet: 1 OF 1
 County File No.

MARYLAND COORDINATE SYSTEM
(NAD 83/91)



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Approved Septic System Plan
Howard County Health Department
[Signature] 8/20/21
Signature Date

OWNER/DEVELOPER

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15651 BUSHY PARK ROAD
WOODBINE, MD 21797

**ONSITE SEWAGE DISPOSAL PLAN
LOT 1
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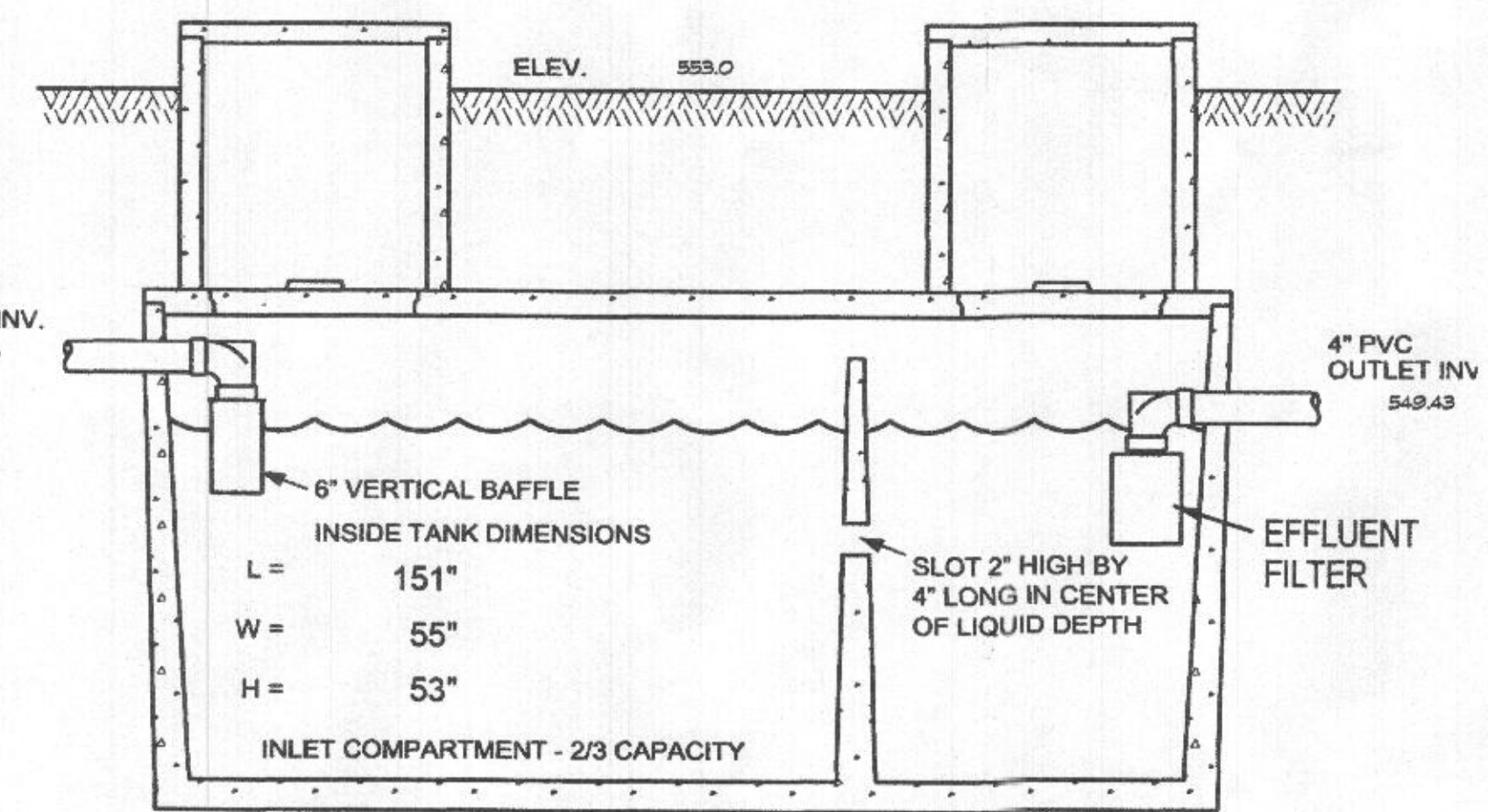
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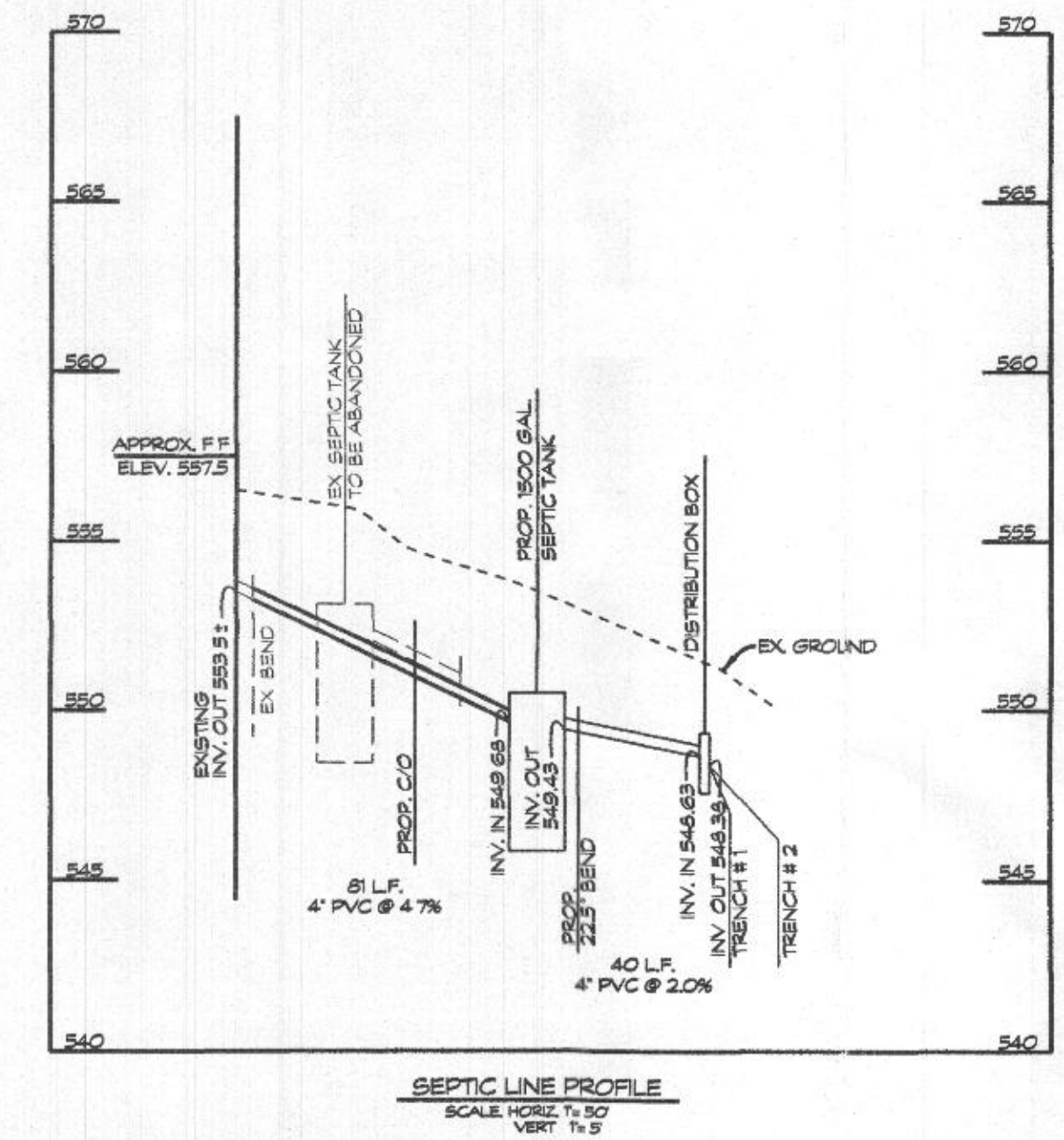
439 East Main Street Westminister, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

Date	Revisions	Drawn By	BM
		Designed By	
		Reviewed By	
		Date:	AUGUST, 2021
		Scale:	1" = 50'
		Job No.:	2021180
		Sheet:	1 OF 1

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1500 GALLON SEPTIC TANK
NOT TO SCALE



SEPTIC LINE PROFILE
SCALE: HORIZ. 1\"/>

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LoB	Lagore sil loam	C	-	-
LoC	Lagore sil loam	C	-	-
LoB	Lagore-Morthoth sil	C	-	-

CAD Drawing File Name: