

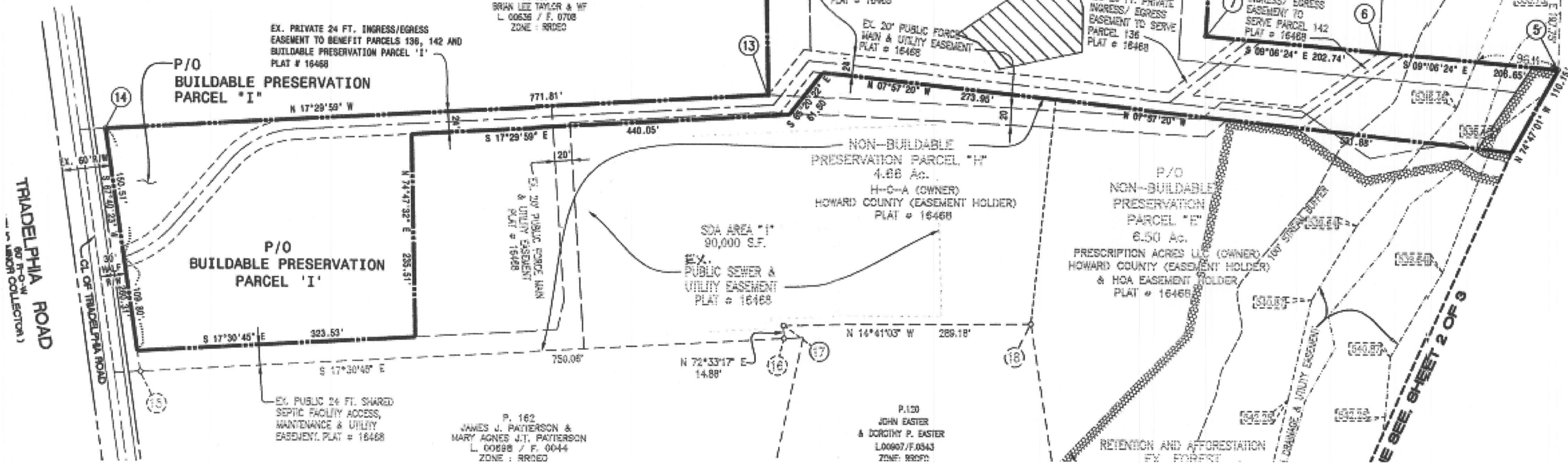
THE REQUIREMENTS 3-100, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

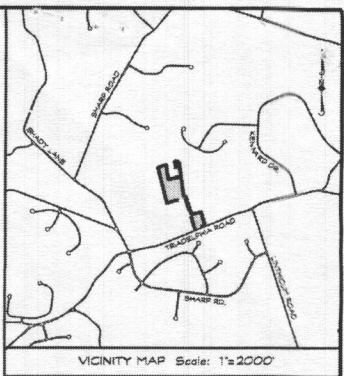
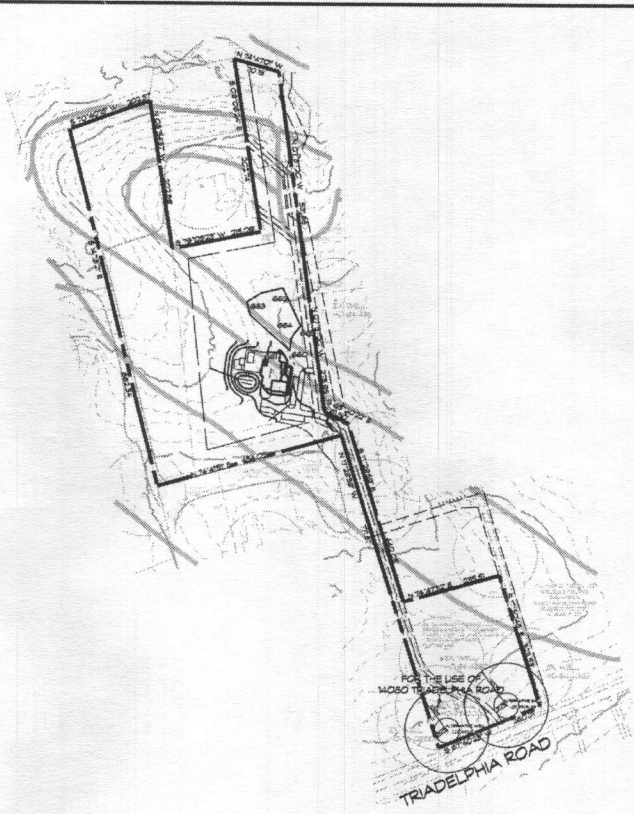
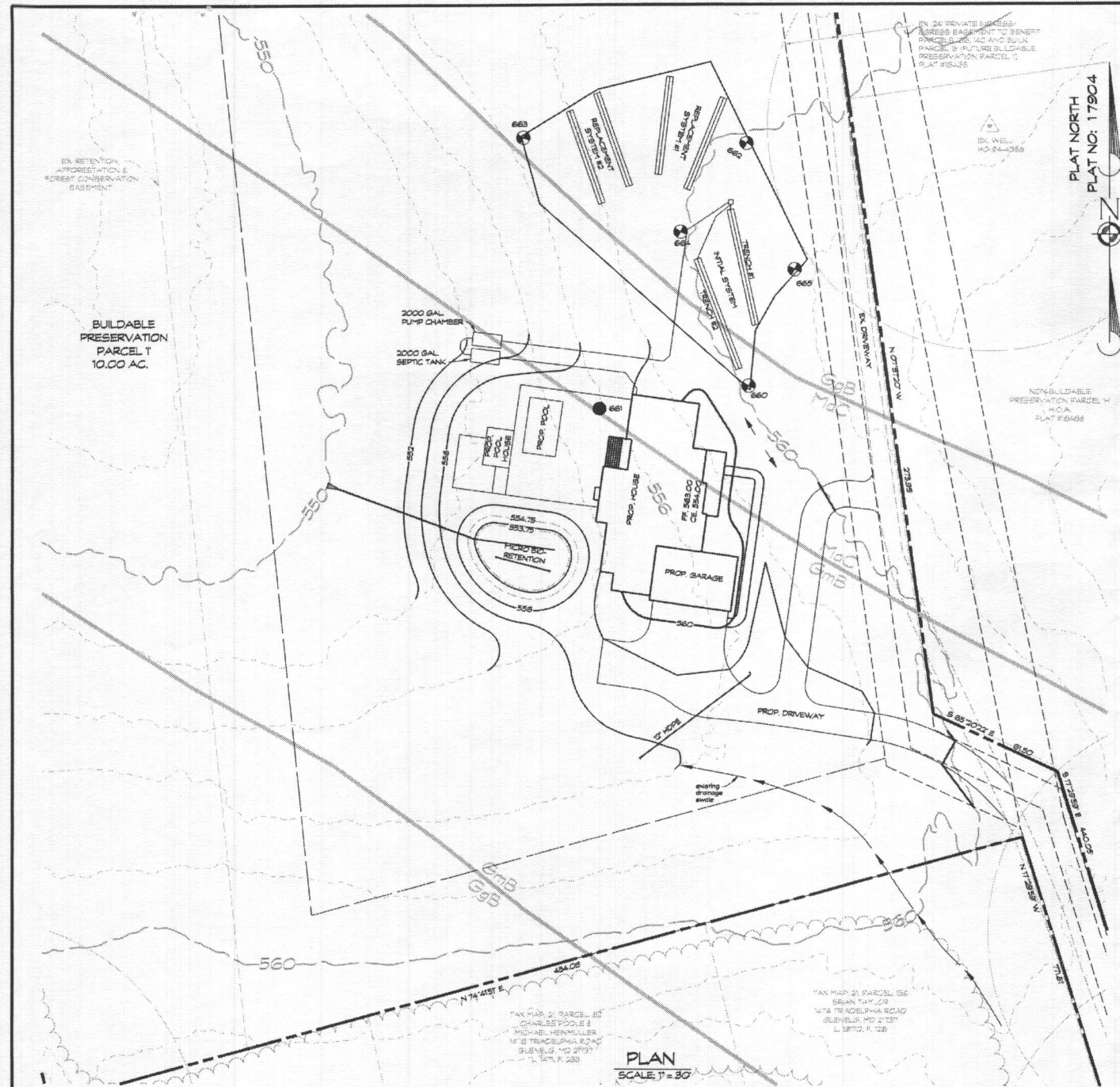
John C. Mullen
John C. MULLEN, PROFESSIONAL LAND SURVEYOR

10-27-05
DATE

Debra J. Bass 10-28-05
DATE

TRENESE, F. BASS
PRESCRIPTION ACRES, LLC,
A MARYLAND LIMITED LIABILITY
COMPANY



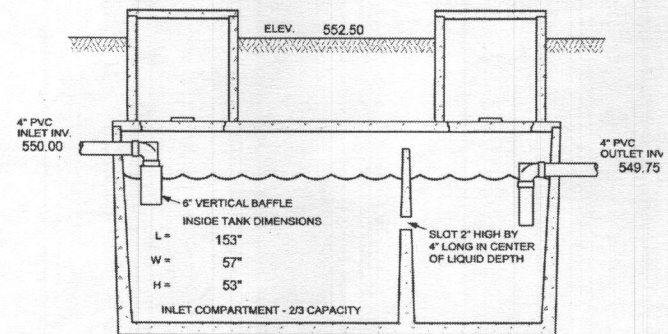


PLAN NOTES

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 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 (AS 940-95-0056) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
5. TANK MEASUREMENTS AND ELEVATIONS ARE BASED ON SEPTIC TANKS AS MANUFACTURED BY MAYER BROS., ELK RIDGE, MD 410-796-1434.
6. 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.

GENERAL NOTES

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



TRENCH CHART

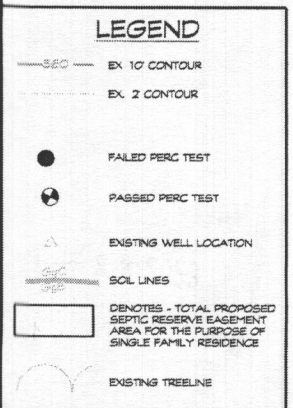
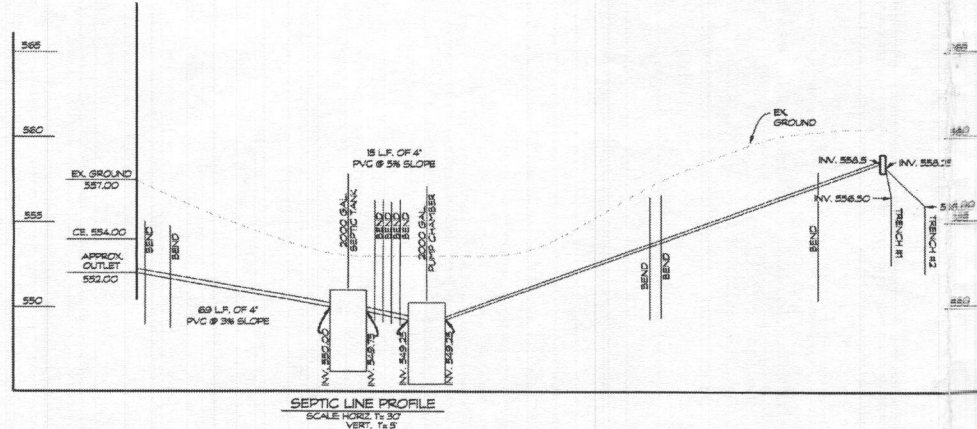
TRENCH	EX. GROUND	INV. ELEV.	BOTTOM OF TRENCH
1	560.5	556.5	552.5
2	560.0	556.0	552.0

SEPTIC SYSTEM TRENCH DESIGN:

EXISTING HOUSE - 5 BEDROOMS

INITIAL SYSTEM:
APPLICATION RATE = 1.2 GPD/SQ. FT.
EFFECTIVE DEPTH IS 3'
TRENCH WIDTH = 3'
150 GAL x 5 BEDROOMS = 750 GAL/DAY
750 GAL/DAY / 1.2 GAL./DAY/SQ. FT. = 625 SQ. FT.
625 SQ. FT. / 3' = 209 L.F.
209 L.F. x .50 = 105 L.F. OF DEEP TRENCH
USE 2 - 52.5 L.F. OF TRENCH

REPLACEMENT SYSTEM #1 & #2:
APPLICATION RATE = 1.2 GPD/SQ. FT.
EFFECTIVE DEPTH IS 4'
TRENCH WIDTH = 3'
150 GAL x 5 BEDROOMS = 750 GAL/DAY
750 GAL/DAY / 1.2 GAL./DAY/SQ. FT. = 625 SQ. FT.
625 SQ. FT. / 3' = 209 L.F.
209 L.F. x .42 = 88 L.F. OF DEEP TRENCH
USE (2) - 44 L.F. TRENCHES FOR EACH SYSTEM



OWNER/DEVELOPER

ERIC GWIN, ET AL
C/O MICHAEL SHARP
17005 HARDY ROAD
MT. AIRY, MD. 21771

ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN PARCEL I HOPKINS CHOICE - PHASE II

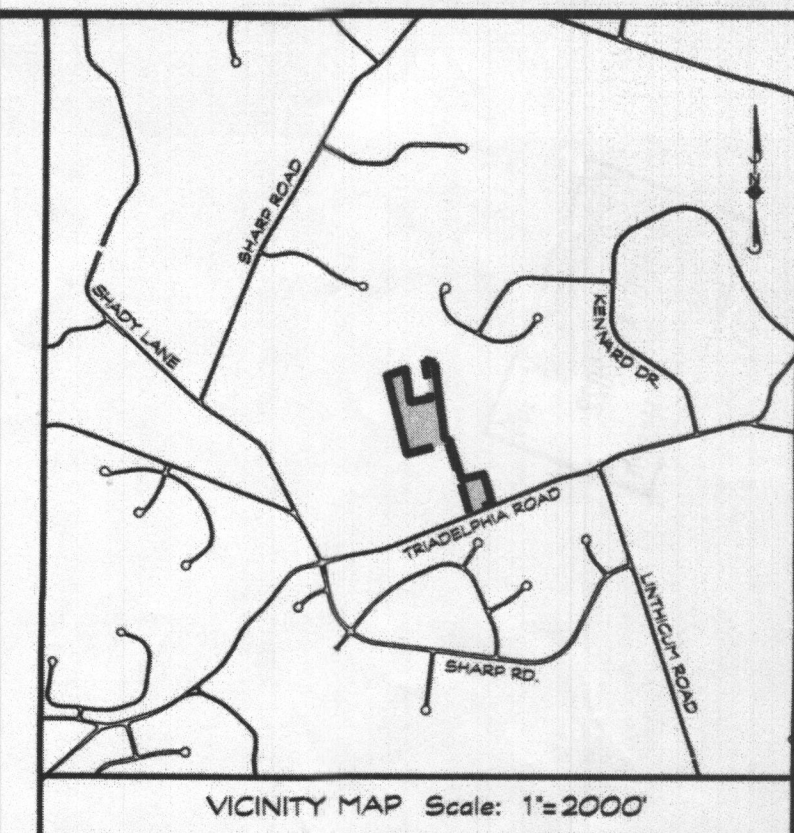
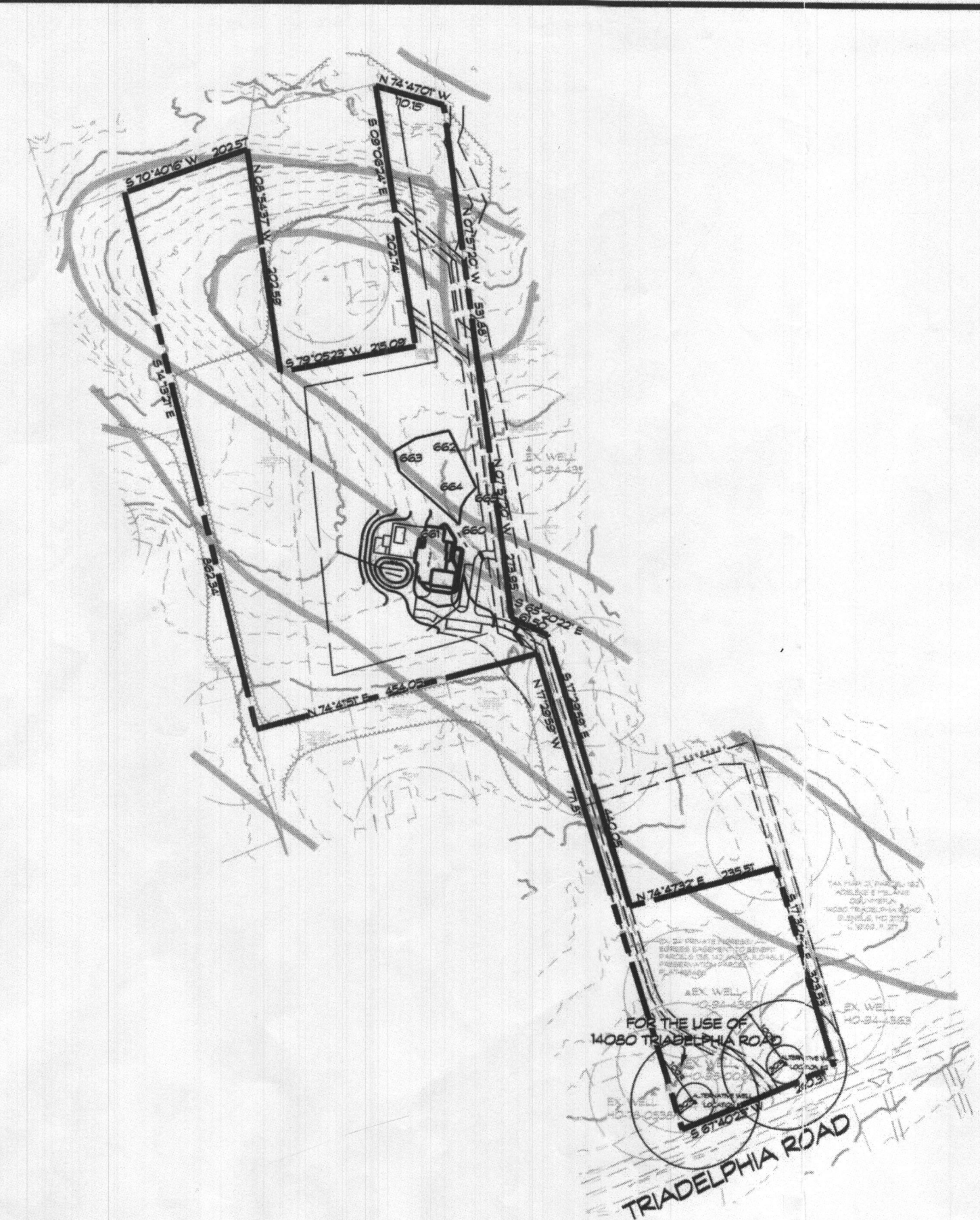
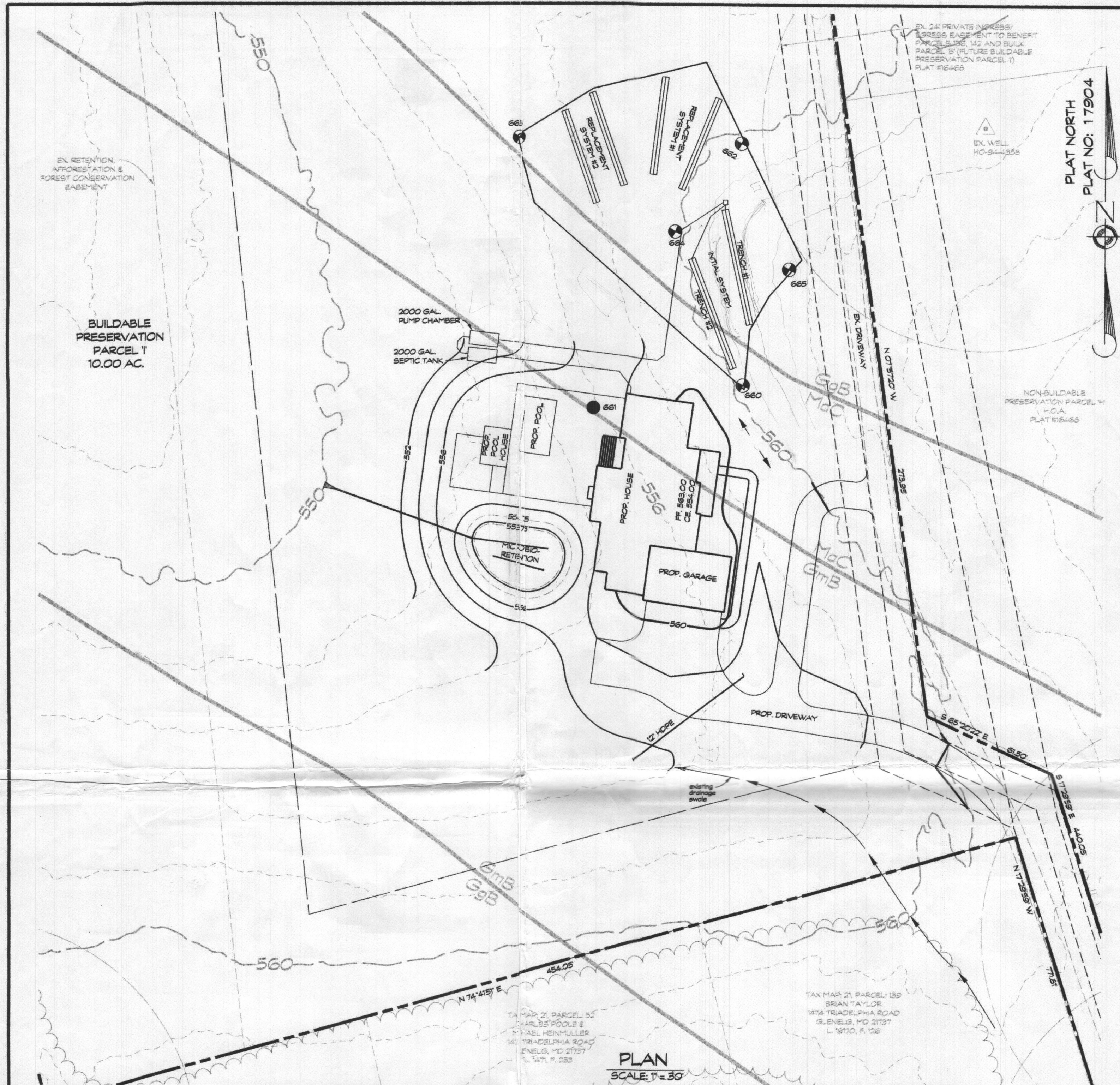
14080 TRIADOLPHIA ROAD
PLAT NO. 17904
LIBER 2023, FOLIO 483
TAX MAP: 21 * BLOCK: 12 * PARCEL: 111
4th ELECTION DISTRICT * HOWARD COUNTY, MD



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

Mark Smyth, L.E.S.
8/10/2022

Date	Revisions	Drawn By
		DESIGNED BY: HHS
		REVIEWED BY:
		DATE: AUGUST, 2022
		SCALE: 1" = 30'
		JOB NO.: 2008016
		SHEET: 1 OF 2

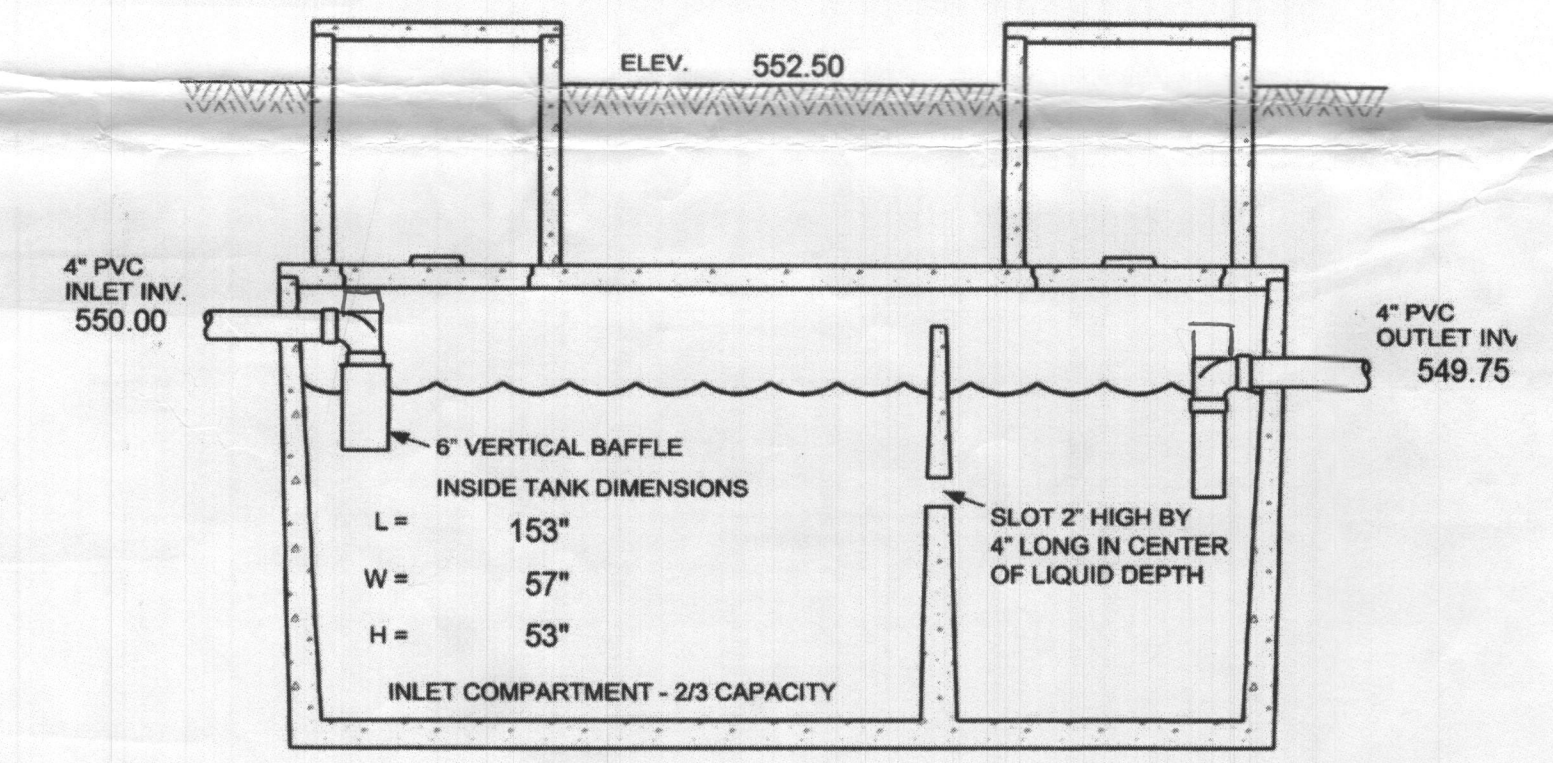


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2000 GALLON SEPTIC TANK
NOT TO SCALE

TRENCH CHART

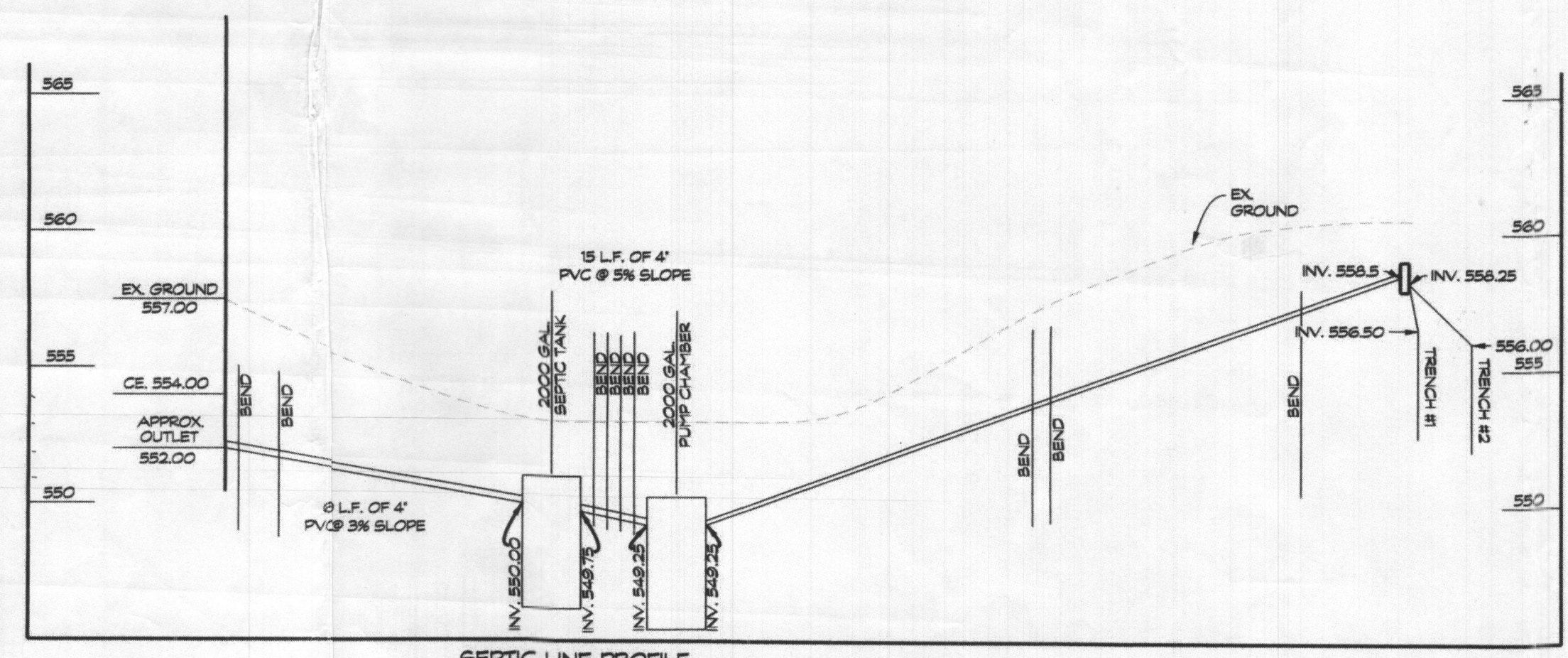
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SEPTIC LINE PROFILE
SCALE: HORIZ. 1"=30' VERT. 1"=5'

LEGEND

- 560 — EX. 10' CONTOUR
- - - EX. 2' CONTOUR
- FAILED PERC TEST
- ⊙ PASSED PERC TEST
- △ EXISTING WELL LOCATION
- G.C. — SOIL LINES
- DENOTES - TOTAL PROPOSED SEPTIC RESERVE EASEMENT AREA FOR THE PURPOSE OF SINGLE FAMILY RESIDENCE
- EXISTING TREELINE

OWNER/DEVELOPER
ERIC GWIN, ET AL
C/O MICHAEL SHARP
17005 HARDY ROAD
MT. AIRY, MD. 21771

**ONSITE SEWAGE DISPOSAL
SYSTEM DESIGN PLAN
PARCEL I
HOPKINS CHOICE - PHASE II**

14080 TRIADELPHIA ROAD
PLAT NO. 17904
LIBER 21023, FOLIO 463
TAX MAP 21 - BLOCK 12 - PARCEL: 111
4th ELECTION DISTRICT - HOWARD COUNTY, MD



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*Matt Smyth, L.E.S.
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