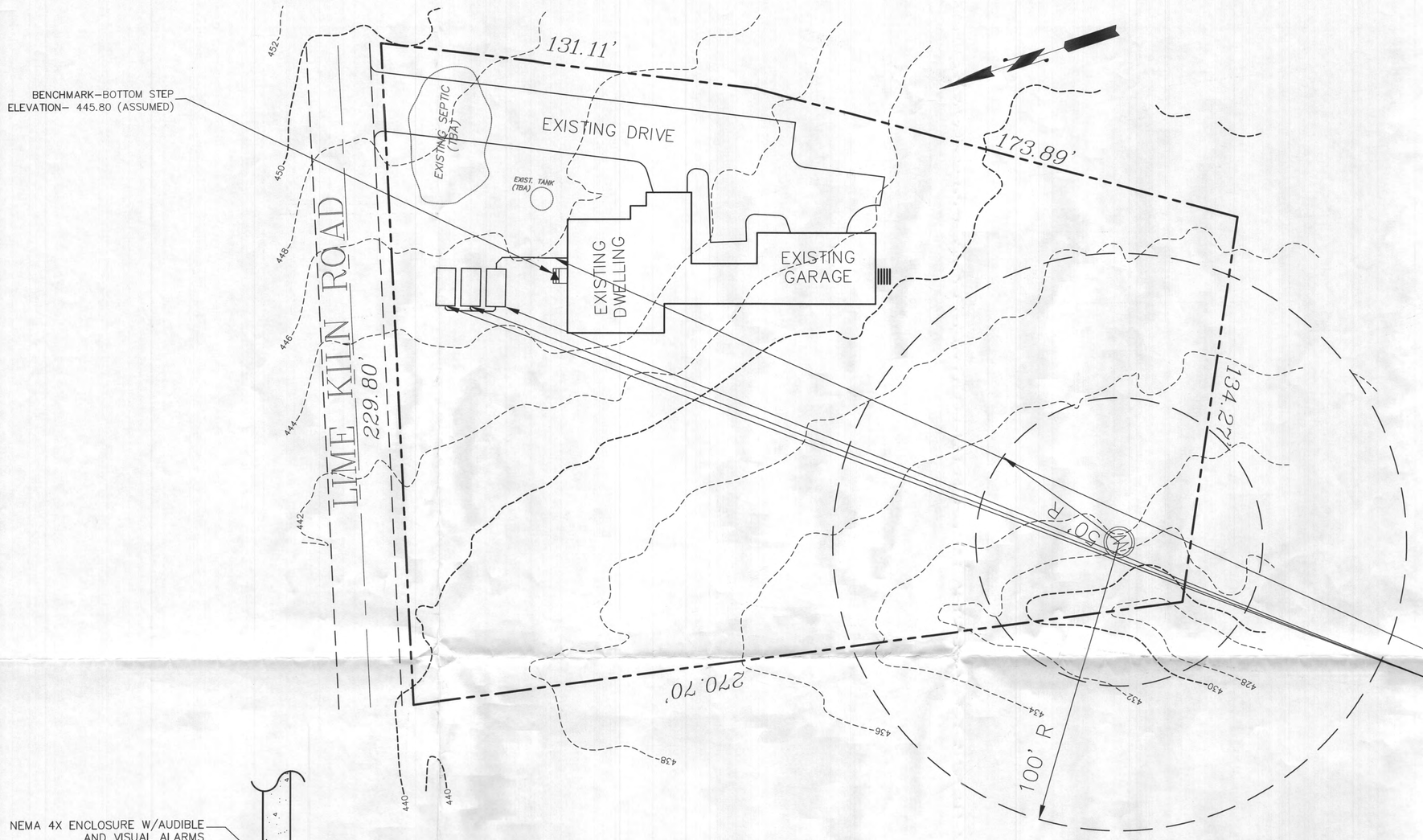


LEGEND:

TP_XX = TEST EXCAVATIONS (UNSUITABLE)

= EXISTING CONTOUR

= PROPOSED CONTOUR

= BENCHMARK LOCATION

SITE PLAN & DATA

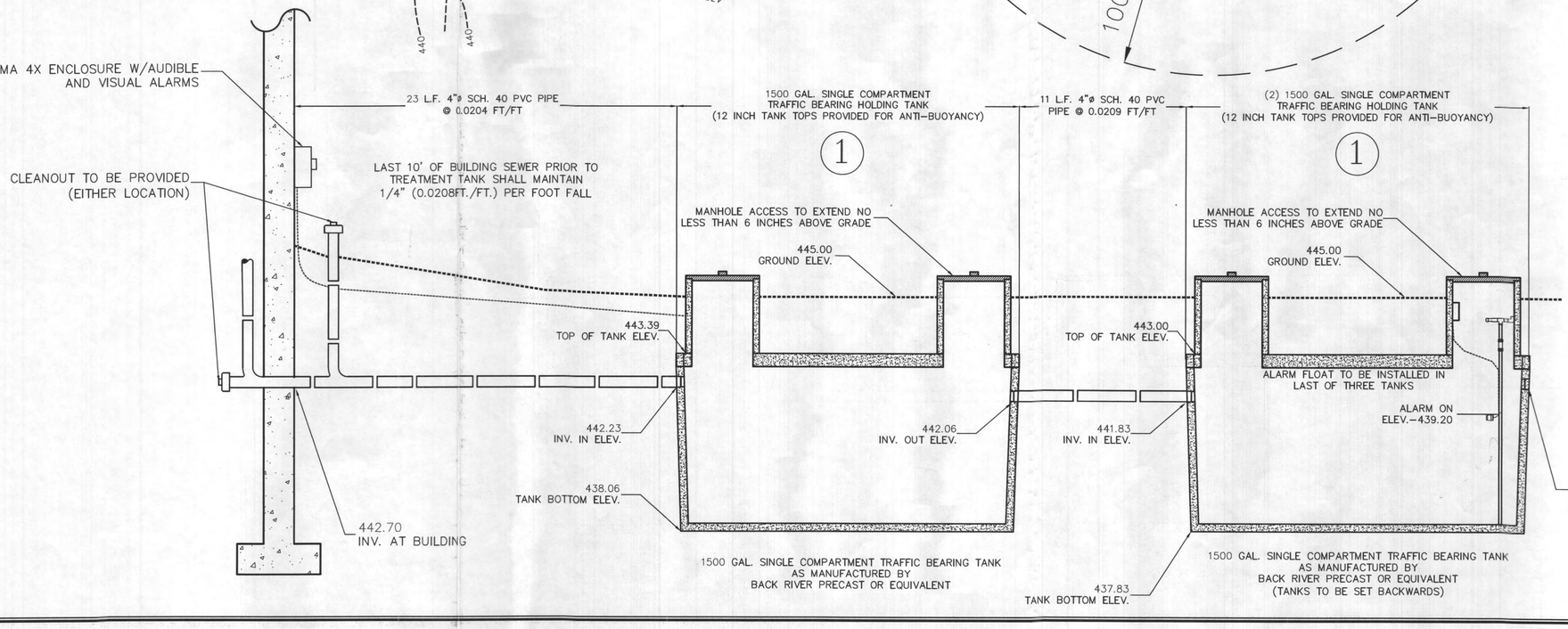
SCALE- 1"= 20'

AREA = +/- 1.21 AC.

MAP,GRID,PARCEL: 0046,0002,0147

**ALL EXISTING SEPTIC COMPONENTS ARE TO BE ABANDONED IN A MANNER ACCEPTABLE TO THE HOWARD COUNTY HEALTH DEPARTMENT.

**PLAN IS NOT OF SURVEY ACCURACY. DERIVED FROM RECORDED PLAT, COUNTY GIS DATA AND FIELD RECORDED MEASUREMENTS. PLAN IS FOR USE IN SEPTIC SYSTEM INSTALLATION ONLY.



SITE TESTING DATA

TEST PIT NUMBER	LIMITING ZONE	TYPE

TESTING UNSUITABLE FOR ON-SITE DISPOSAL

DESIGN PARAMETERS

3-BEDROOM DWELLING	1	QUAN.
1-BEDROOM APARTMENT	1	QUAN.
PEAK DAILY FLOW	675	GPD
SEWAGE TYPE	RESIDENTIAL	
REQ'D HOLDING CAPACITY	4725	GAL.

SYSTEM COMPONENTS

HOLDING TANK PROVIDED	1500	GAL.
NUMBER OF TANKS	3	QUAN.
CAPACITY PER TANK	1632	GAL.
TOTAL AVAIL. CAPACITY	4896.66	GAL.
SEPTIC TANK TYPE	MONOLITHIC CONCRETE	

BUOYANCY CALCULATIONS

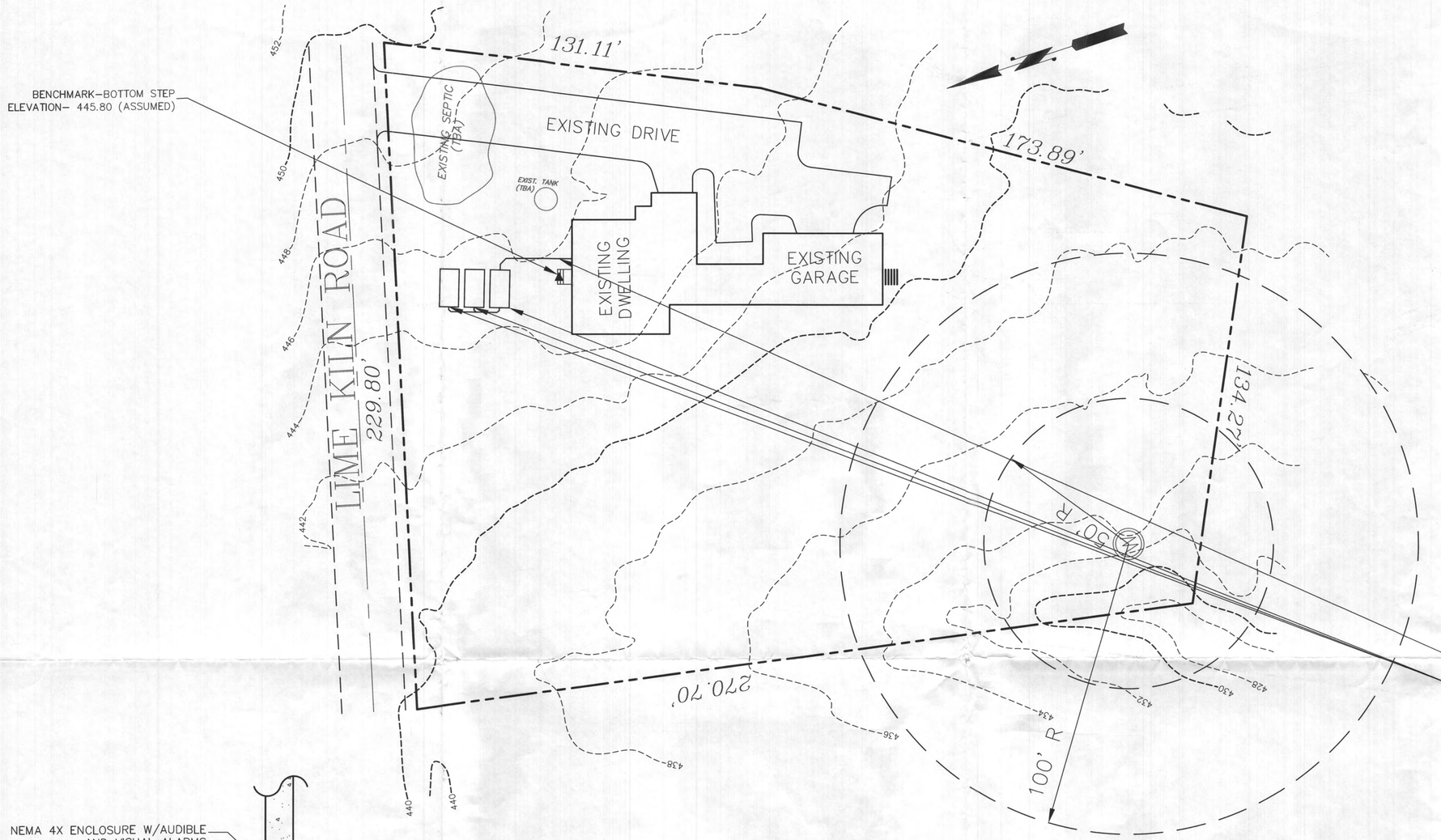
PER 1500 GALLON HOLDING TANK

DISPLACED WATER VOLUME	1632.22	GAL.
WATER WEIGHT (PER GALLON)	8.34	LBS
DISPLACED WATER WEIGHT	13612.7	LBS
TANK WEIGHT	19600	LBS
ANTI-BUOANCY WEIGHT (REQ'D)	0.0	LBS
TOTAL ANTI-BUOANCY REQUIRED	0	LBS

Approved Septic System Plan
Howard County Health Department
Signature 12/29/2022 Date

NO.	REVISIONS	DATE
1.	REVISE TANKS	11/11/22

CALL BEFORE YOU DIG
1-800-257-7777
PROTECTION LAW THE UNDERGROUND UTILITY LINE CONTRACTOR SHALL NOTIFY MISS UTILITY OF MARYLAND AT LEAST 48 HOURS BUT NOT MORE THAN 10 DAYS PRIOR TO EXCAVATION. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON INFORMATION OBTAINED FROM RECORDS OF THE VARIOUS UTILITY COMPANIES AND FROM SURFACE EVIDENCE FOUND DURING THE COURSE OF THE SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ALL UTILITY INFORMATION SHOWN ON THESE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES IN ADVANCE OF HIS CONSTRUCTION SCHEDULE AND TO REQUEST FIELD LOCATIONS OF THEIR UTILITIES. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND SUPPORT ALL UTILITIES DURING CONSTRUCTION. NO LESS THAN 3 NOR MORE THAN 10 DAYS PRIOR TO "BY NOTIFYING FACILITY OWNERS AND OPERATORS OF PROPOSED EXCAVATION, THE CONTRACTOR SHALL PAY ATTENTION ALL CONTRACTORS: LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE ONLY



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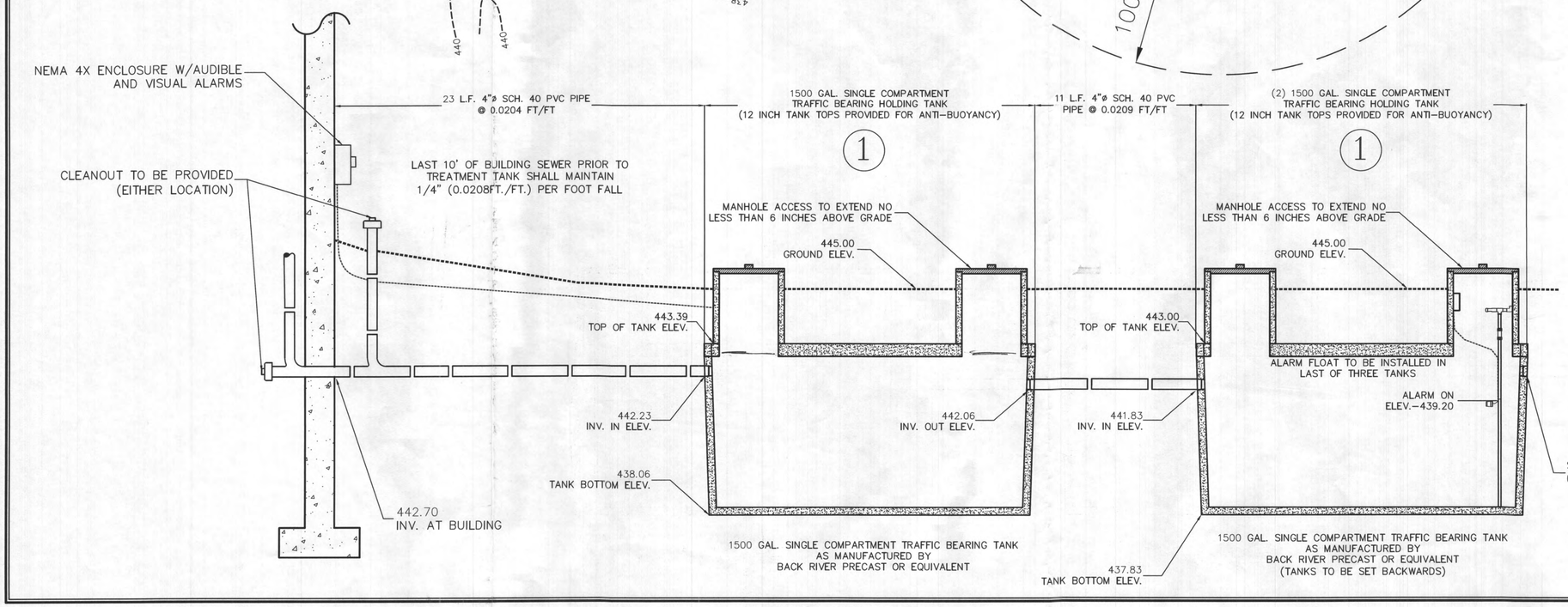

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Approved Septic System Plan
Howard County Health Department
Signature — 12/29/2022 Date

COMMONWEALTH OF PENNSYLVANIA — SEWAGE ENFORCEMENT — ADAM B. BROWNING — OFFICER — No. 63434 — SEAL

PTE.#5778
SHEET 1 OF 1

NO.	REVISIONS	DATE
1.	REVISE TANKS	11/11/22

CALL BEFORE YOU DIG! 1–800–257–7777

PROTECTION LAW THE UNDERGROUND UTILITY LINE CONTRACTORS MUST VERIFY LOCATIONS OF UNDERGROUND UTILITIES OF THE STRUCTURE(S) TO BE CONSTRUCTED BY HAND DIGGING OR OTHER MEANS AS TO SIZE, DEPTH OR HORIZONTAL LOCATION OF UNDERGROUND UTILITIES HEREON HAVE BEEN REQUESTED TO BE MARKED BY THEIR OWNERS WITHIN THE PROJECT LIMITS; NO LESS THAN 3 NOR MORE THAN 10 DAYS PRIOR TO BY NOTIFYING FACILITY OWNERS THROUGH THE MISS UTILITY SYSTEM. COMPLETENESS OR ACCURACY OF THESE PLANS WITH RESPECT TO UNDERGROUND UTILITIES SHOWN HEREON IS NOT GUARANTEED. CONTRACTOR SHALL NOTIFY MISS UTILITY 2 WORKING DAYS PRIOR TO EXCAVATION OR DEMOLITION WORK.

MISS UTILITY

PENN'S TRAIL ENVIRONMENTAL, LLC
327 E. RIDGEVILLE BLVD. #141
MOUNT AIRY, MD 21771
ph. (301) 829-5022
email: staff@pennstrail.com

HOLDING TANK DESIGN

PREPARED FOR

11865 LIME KILN ROAD TRACT

FULTON, 5TH ELECTION DISTRICT,
HOWARD COUNTY, MARYLAND

DATE: SEPTEMBER 28, 2022

SCALE: AS NOTED