



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: 11/8/17

ONSITE SEWAGE DISPOSAL SYSTEM

P

562328-A

APPROVAL DATE: 01/19/2018

PERMIT: CONSTRUCTION

A

PROPERTY ADDRESS: 2006 Terrapin Creek Road

SUBDIVISION: Terrapin Creek

LOT: 22

TAX ID: _____

CONTRACTOR: WTC Contractors

EMAIL: _____

CONTRACTOR ADDRESS: 3033 Salem Bottom Road, Westminster, MD 21157

PHONE: 410-458-7024

PROPERTY OWNER: LDG Inc.

EMAIL: _____

OWNER ADDRESS: 8601 Georgia Avenue, Silver Spring, MD 20110

PHONE: 301-585-7000

SEPTIC TANK SIZE (GALLONS): 1500

TANK MANUFACTURER: _____

PUMP MODEL: _____

PUMP SIZE _____

PUMP TANK CAPACITY: _____

DISTRIBUTION SYSTEM: ☒ GRAVITY

☐ PRESSURE DOSED

BEDROOMS: 4

APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>76' 83.5'</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>7</u>
	MINIMUM SPACE BETWEEN TRENCHES: _____	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install 1 x 76 trench	

ISSUED BY: Hank Oswald

ISSUE DATE: 11/8/17

EXPIRATION DATE: 11/8/18

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

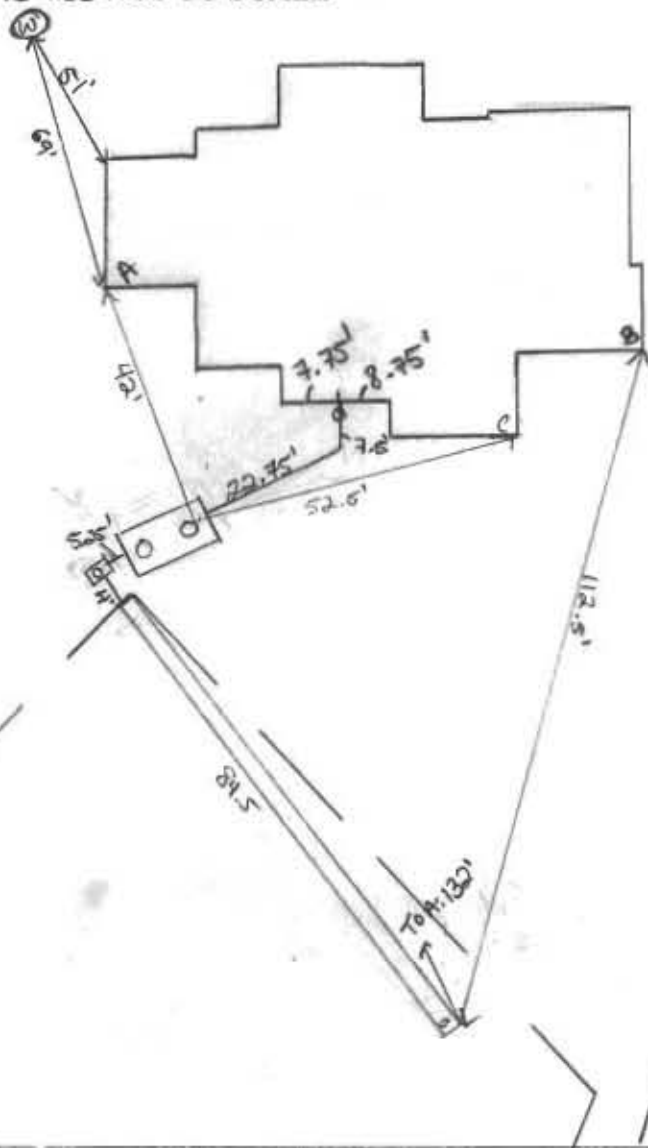
☐ ELECTRICAL PERMIT ISSUED E _____

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.

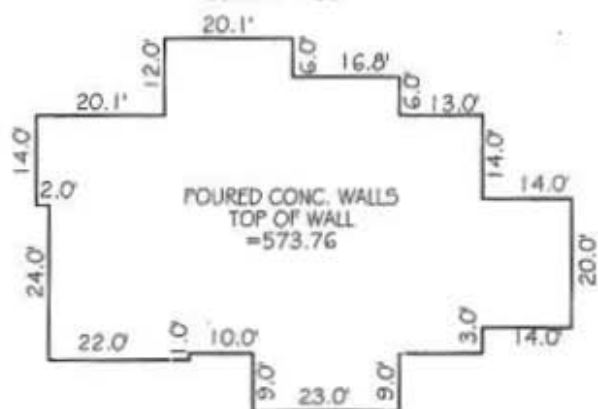
CALL 410-313-1771 TO SCHEDULE INSPECTIONS.



DATE OF APPROVAL 01/19/2018

HOUSE DETAIL

SCALE: 1" = 30'



NOTES:

- 1) FOUNDATION AND FOOTINGS ARE IN PLACE AS SHOWN HEREON.
- 2) BUILDING TIES ARE ±0.5' UNLESS OTHERWISE NOTED.
- 3) TOP OF WALL = 573.76



PROFESSIONAL CERTIFICATION:

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21237. EXPIRATION DATE JANUARY 18, 2019, IN ACCORDANCE WITH COMAR 09.13.06.12.

James A. Fleming 11-6-2017
For VanMar Associates, Inc. Date
James Alden Fleming, Prof. Land Surveyor

WALL CHECK DRAWING LOT 22 TERRAPIN CREEK

PLAT No. 22662

2006 TERRAPIN CREEK ROAD
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' NOVEMBER, 2017

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

REFERENCE

PLAT NO. 22662

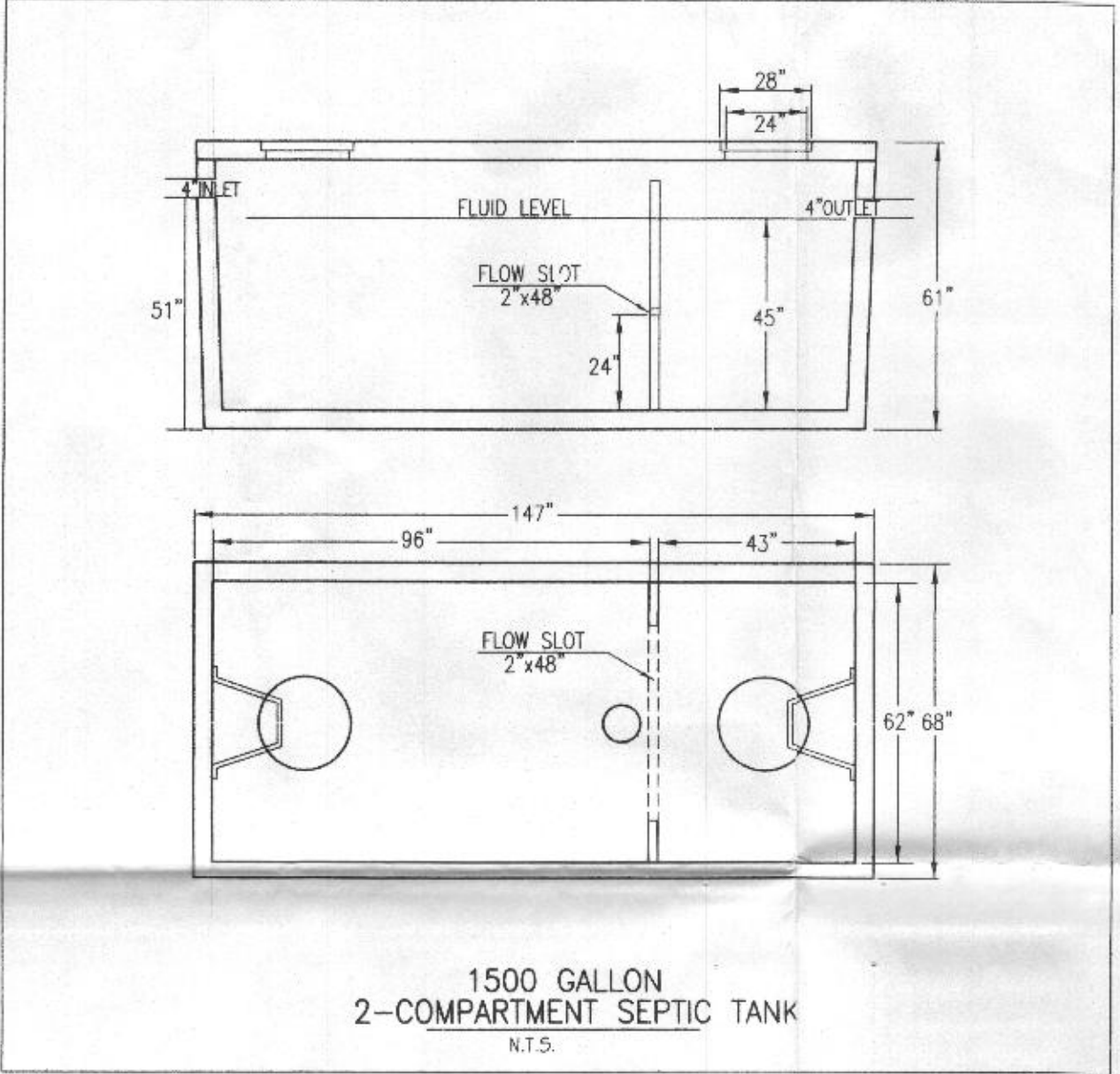
JOB NO.

B4-5428

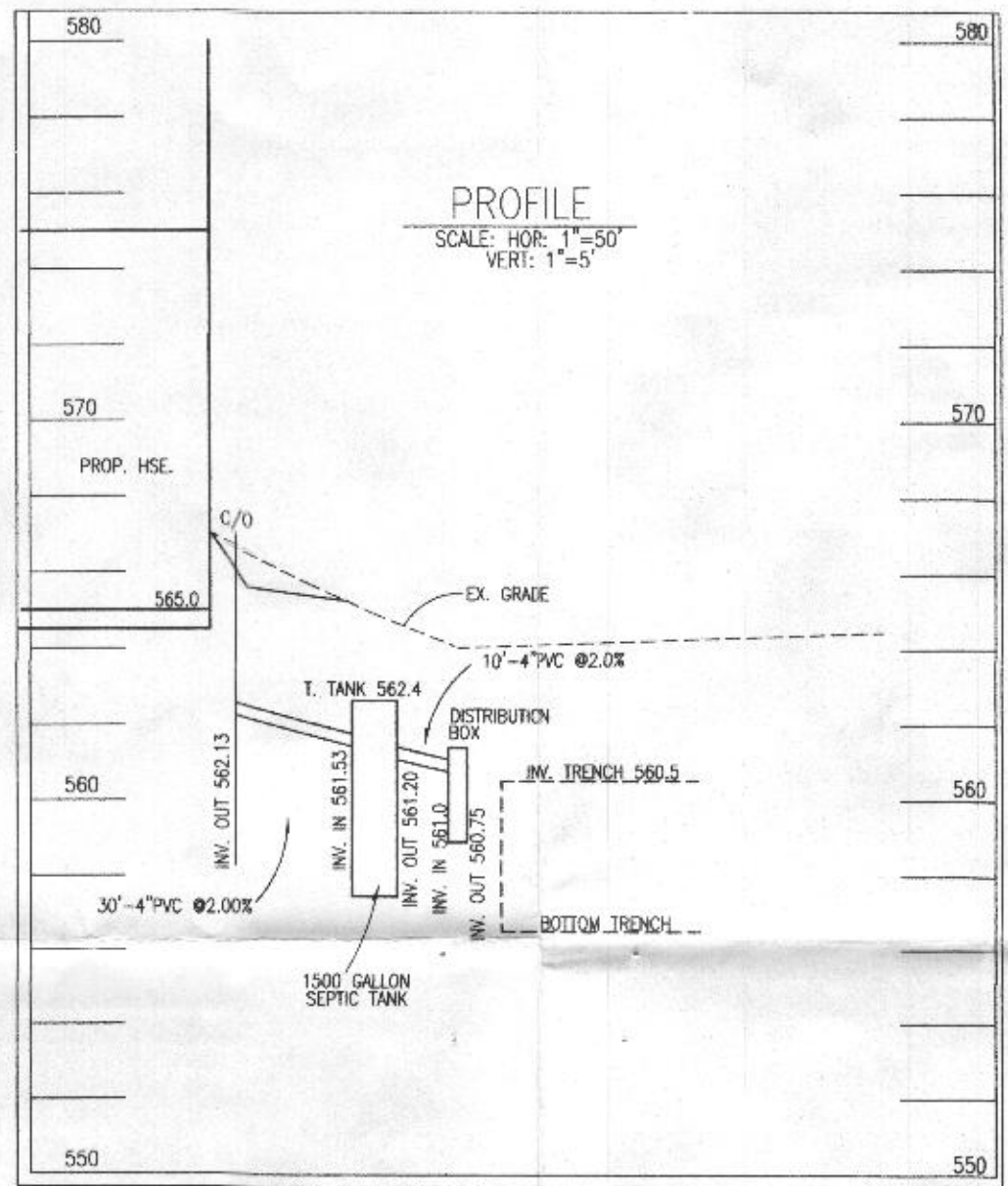


VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners

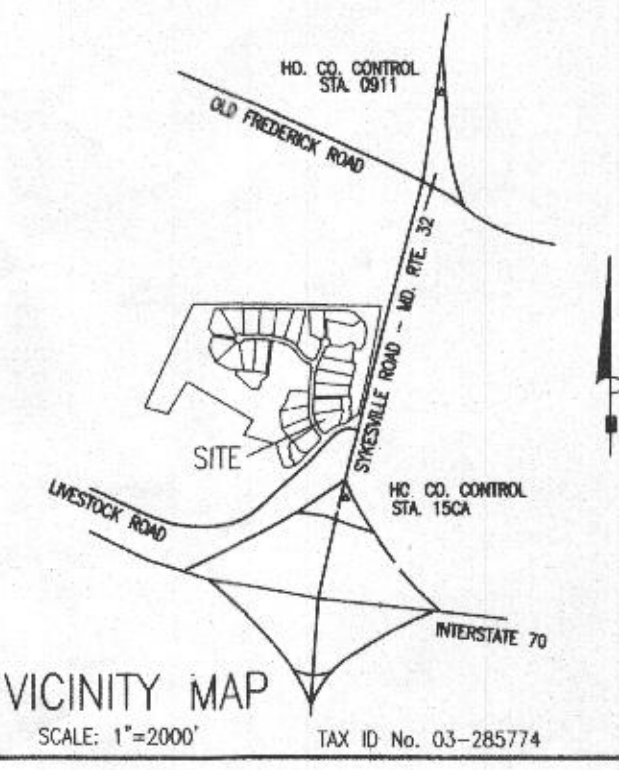
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
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1500 GALLON
2-COMPARTMENT SEPTIC TANK
N.T.S.



PROFILE
SCALE: HOR: 1"=50'
VERT: 1"=5'



GENERAL NOTES:

1. TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
2. THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
3. ZONING DISTRICT: RC-DEO
4. LIMIT OF DISTURBANCE (LOD) = 19,100 SQ.FT.
5. THERE ARE NO STREAMS, PONDS, FLOODPLAINS OR WETLANDS ON THIS LOT.
6. STORM WATER MANAGEMENT FOR THIS LOT IS PROVIDED BY EXISTING TERRAPIN CREEK STORM WATER MANAGEMENT FACILITIES PROVIDED FOR AND CONSTRUCTED BY THE DEVELOPER UNDER PLAN F-07-086.
7. DRIVEWAY CULVERT DESIGNED BY DEVELOPER UNDER PLAN F-07-086.

SEPTIC SYSTEM TRENCH DESIGN

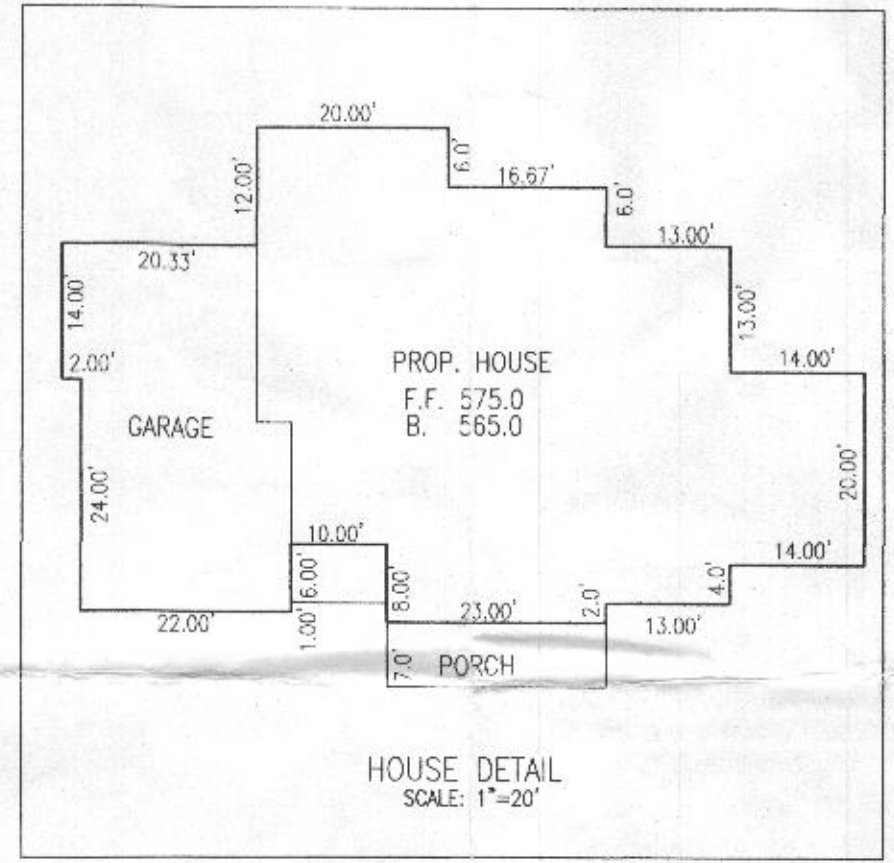
INITIAL NUMBER OF BEDROOMS = 4
APPLICATION RATE = 1.2 GPD / sq.ft.
DESIGN FLOW: 150 GPD X 4 BEDROOMS = 600 GPD
600 GPD / 1.2 GPD/sq.ft. = 500 sq.ft.
500 sq.ft. / 3 ft. WIDE TRENCH = 167 LF TRENCH
167 LF TRENCH X 0.45 REDUCTION CREDIT = 76 LF TRENCH
TRENCH 1 (T1) EX. GRD=564.5 -INV. TRENCH=560.5 -B. TRENCH=557.5

0.50 for 3' sidewalk credit
1st REPLACEMENT
INITIAL NUMBER OF BEDROOMS = 4
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600 GPD / 1.2 GPD/sq.ft. = 500 sq.ft.
500 sq.ft. / 3 ft. WIDE TRENCH = 167 LF TRENCH
167 LF TRENCH X 0.42 REDUCTION CREDIT = 71 LF TRENCH
TRENCH 1 EX. GRD=563.5 -INV. TRENCH=559.5 -B. TRENCH=556.5

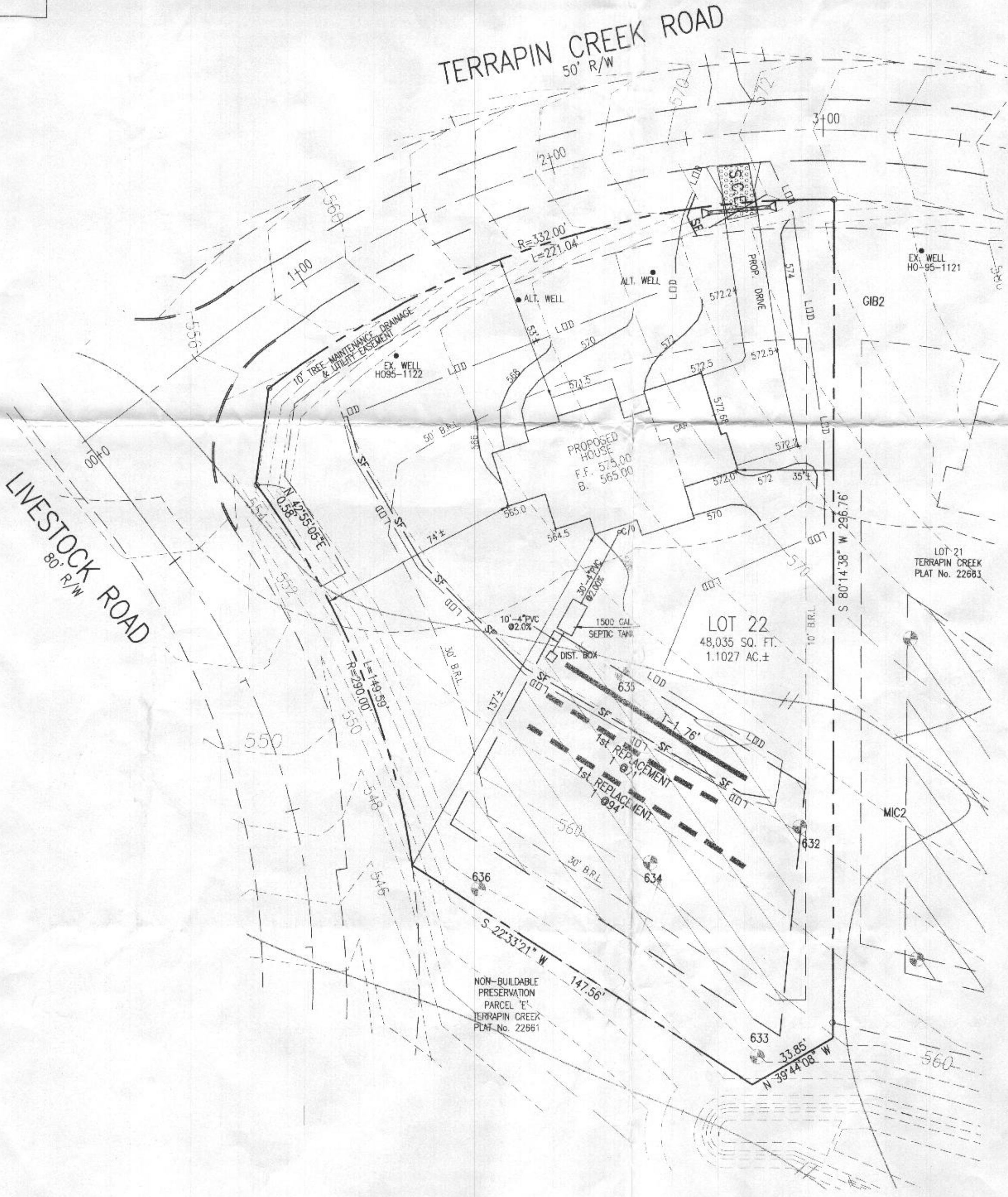
2nd REPLACEMENT
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TRENCH 1 EX. GRD=562.5 -INV. TRENCH=558.5 -B. TRENCH=555.5

SITE PLAN NOTES:

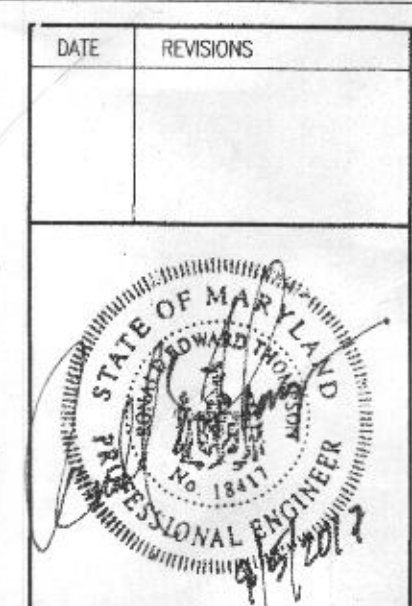
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2. MAXIMUM COVER OVER THE TANK IS 3 FEET. GREATER DEPTH WILL REQUIRE A HEAVY LOAD BEARING TANK.
3. ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
4. THE WELL (TAG #HO-95-1122) HAS BEEN FIELD LOCATED AND IS ACCURATELY 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.



HOUSE DETAIL
SCALE: 1"=20'



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. 18417, Expiration Date: 9-18-17.



OWNER:
LDG INC.
LEE PLAZA, SUITE 200
8601 GEORGIA AVENUE
SILVER SPRING, MD. 20910
301-585-7000
DEVELOPER:
CATONVILLE HOMES
11175 STRATFIELD CT
MARRIOTTVILLE, MD. 21104
410-442-2211

ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

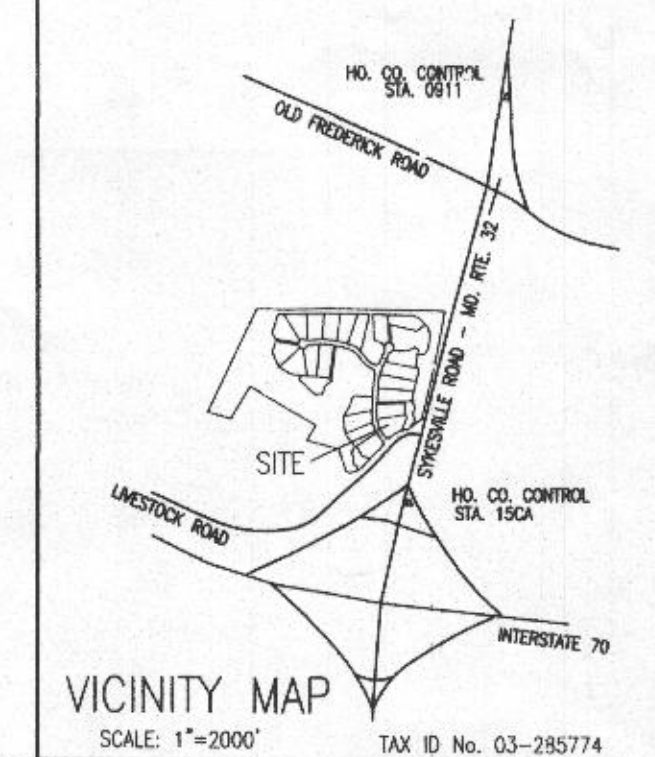
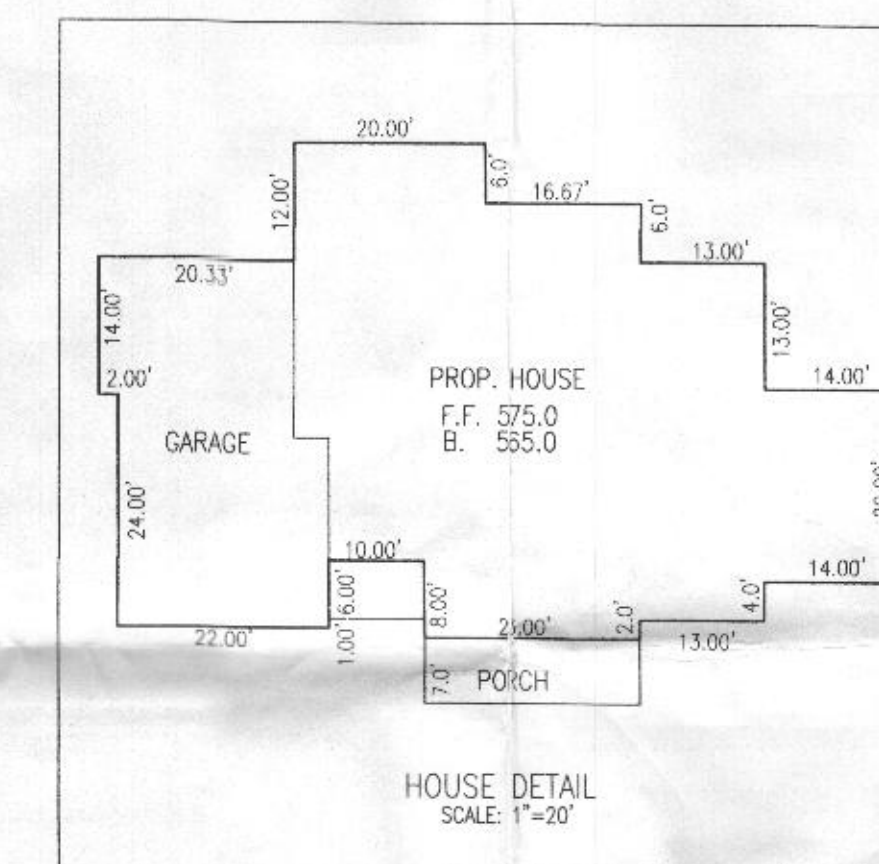
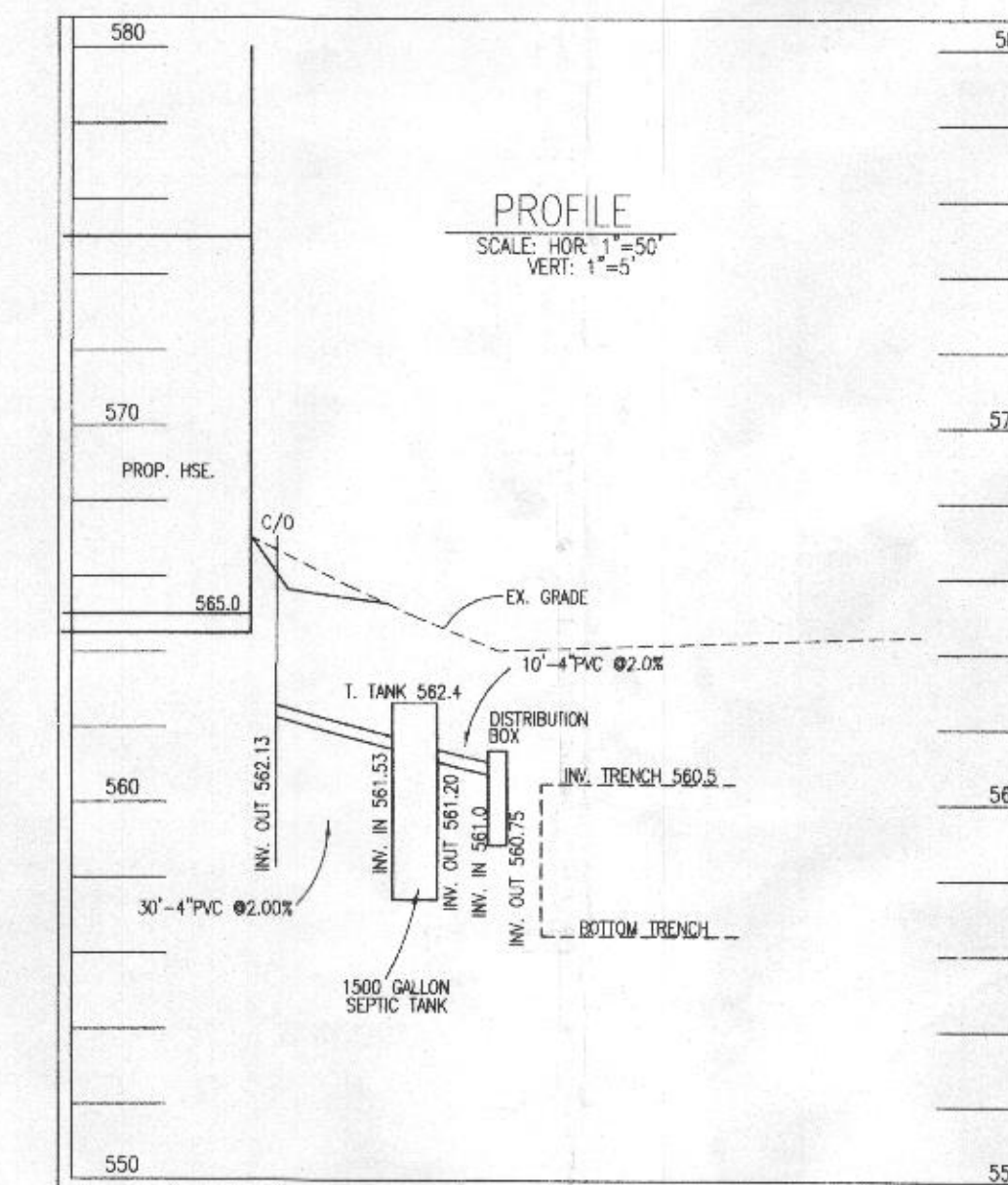
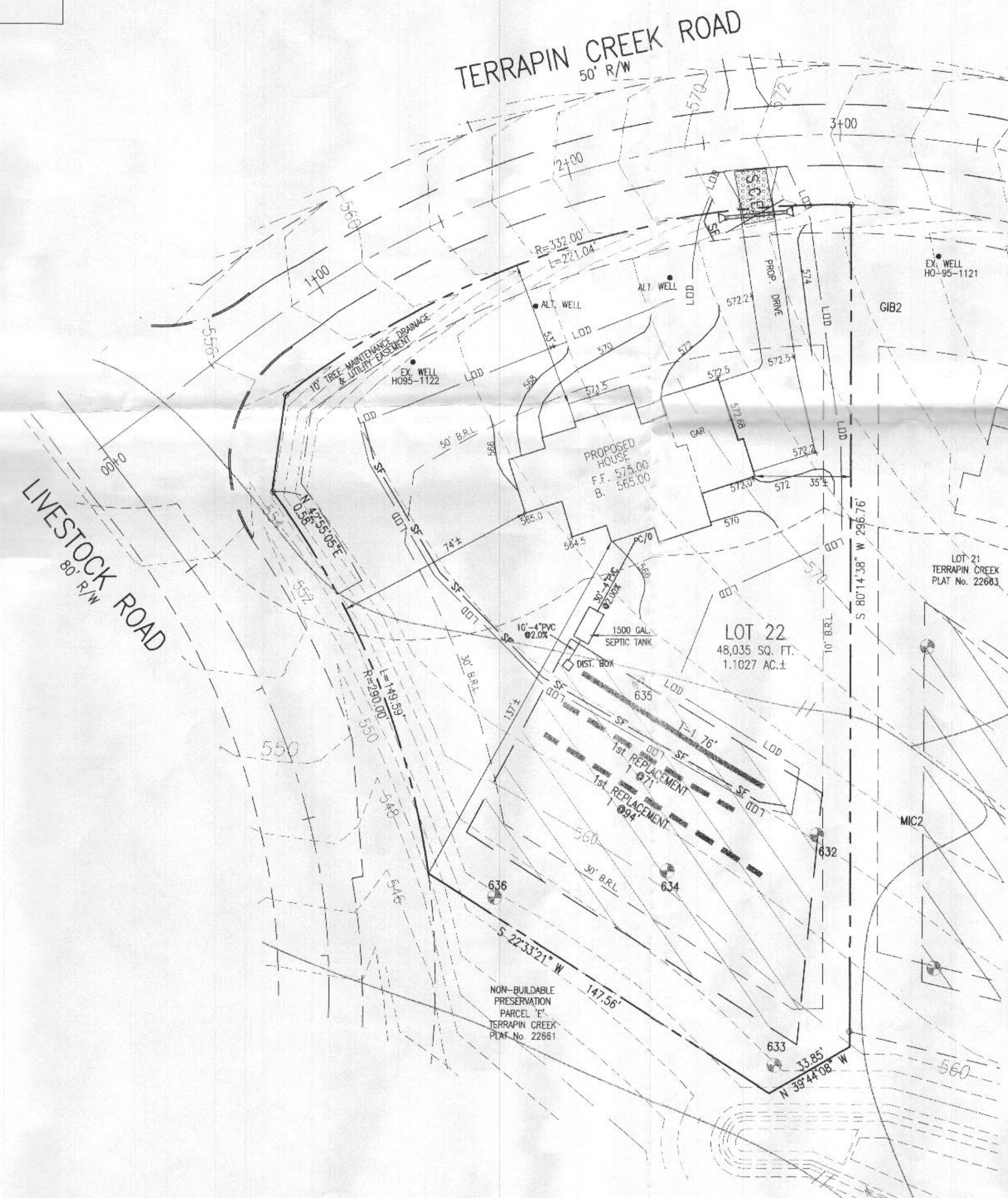
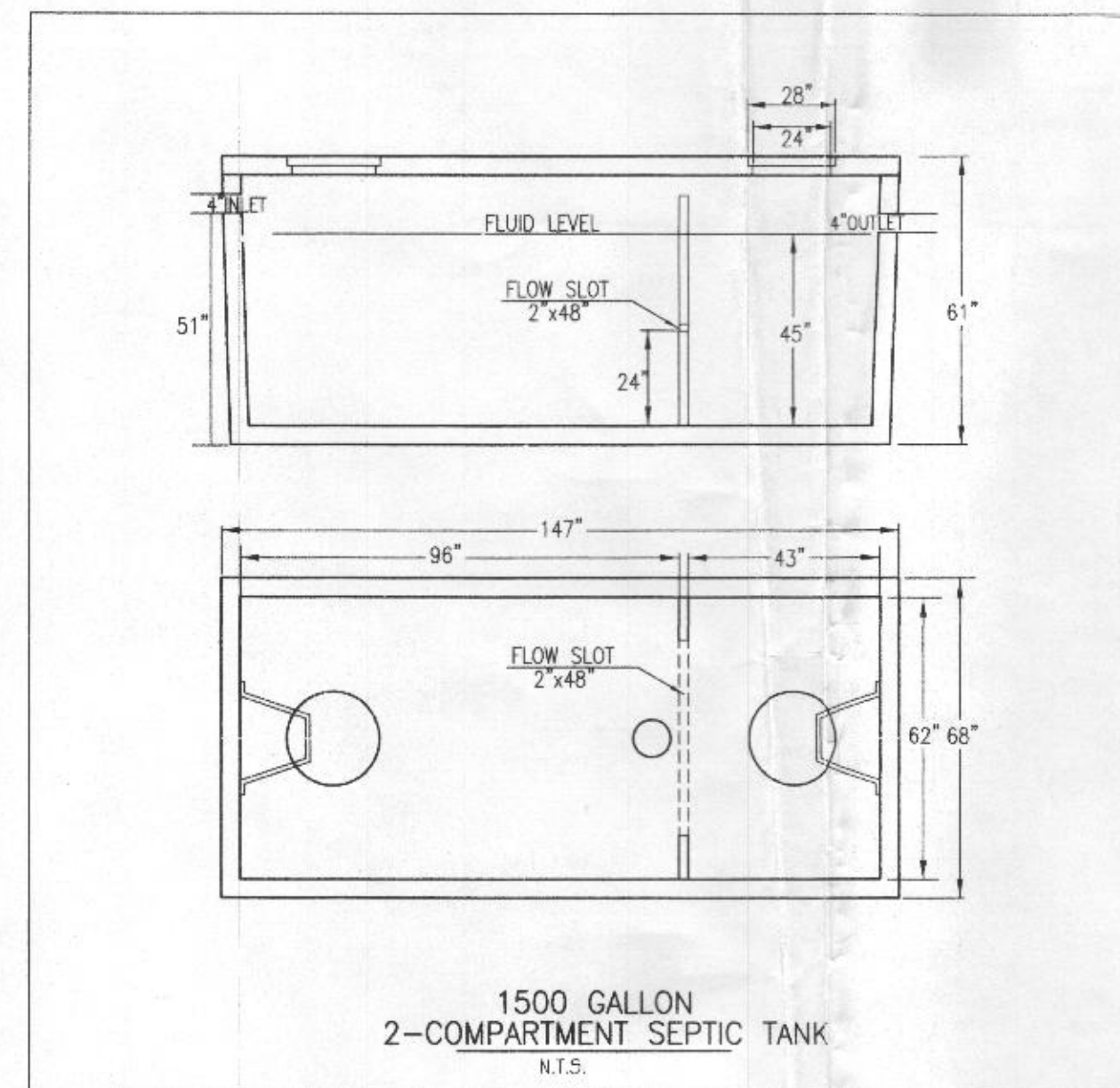
LOT 22
TERRAPIN CREEK

PLAT 22861 - 22864
TAX ID No. 03-285774
2006 TERRAPIN CREEK ROAD
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 30' SEPTEMBER, 2017

SHEET 1 OF 1

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
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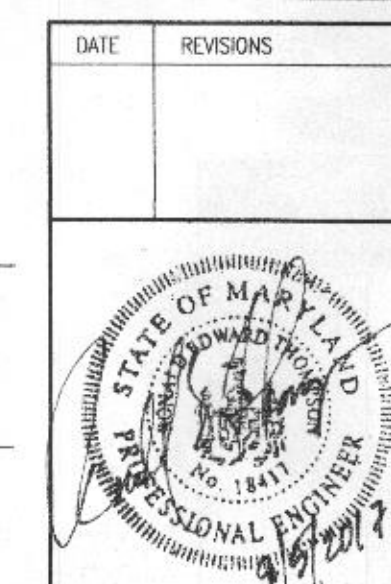
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Approved Septic System Plan
Howard County Health Department
Mark Oswald 9/25/17
Signature Date

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. 18417, Expiration Date: 9-18-17.



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SCALE: 1" = 30' SEPTEMBER, 2017

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SHEET 1 OF 1

