



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: 3-22-17 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 50578

APPROVAL DATE: 8/31/17 **PERMIT: CONSTRUCTION**

A

PROPERTY ADDRESS: 2010 Terrapin Creek Road

SUBDIVISION: Terrapin Creek

LOT: 21

TAX ID:

03596044-

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: 5

APPLICATION RATE:

1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>88</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>11</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3</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: Hank Oswald

ISSUE DATE:

3-22-17

EXPIRATION DATE:

3-22-18

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.

W H0-95-1121 NOT TO SCALE

57'

Porch

10.5'

25.5'

22' to B

3'

2' stop

14'

54' to A

51' to B

96' to C

99' to D

T=88'

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

3' 4-4.5' 8'

NUMBER OF TRENCHES 1

TOTAL LENGTH 88'

ABSORPTION AREA 264' + SIDEWALK

DISTRIBUTION BOX LEVEL YES

DISTRIBUTION BOX BAFFLE YES

DISTRIBUTION BOX PORT YES

SEPTIC TANK DATA

SEPTIC TANK I LEVEL YES

MANUFACTURER BABYLON

CAPACITY 1500 GAL

SEAM LOC TOP

TANK LID DEPTH 6" - 1'

BAFFLES YES

BAFFLE FILTER NO

MANHOLE LOC FRONT + REAR

6" PORT LOC NONE

WATERTIGHT TEST NO

SLOTTED YES

DATE ON LID 3-6-17

PUMP/SEPTIC TANK LEVEL

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

PRE-CONSTRUCTION:

4/6/17 Met WTC on site for tank layout. Tank center line staked - measured off house and corner of tank would be 18'. WTC will pull 20' off house prior to digging tank hole. (SC) 4/10/17 On site for trench layout - SDA corners all staked. Laid out 1x88' trench on contour. (SC)

INSTALLATION: 4/10/17 Tank set + connected to house. 4" inlet baffle installed - need 6" inlet baffle. (SC) 4/10/17 Trench dug, WTC waiting on stone for last 20'. 3' wide, 4-4.5' inlet. D-box set and connected. Need 6" inlet baffle. (SC) 8/31/17 6" inlet baffle installed. (SC)

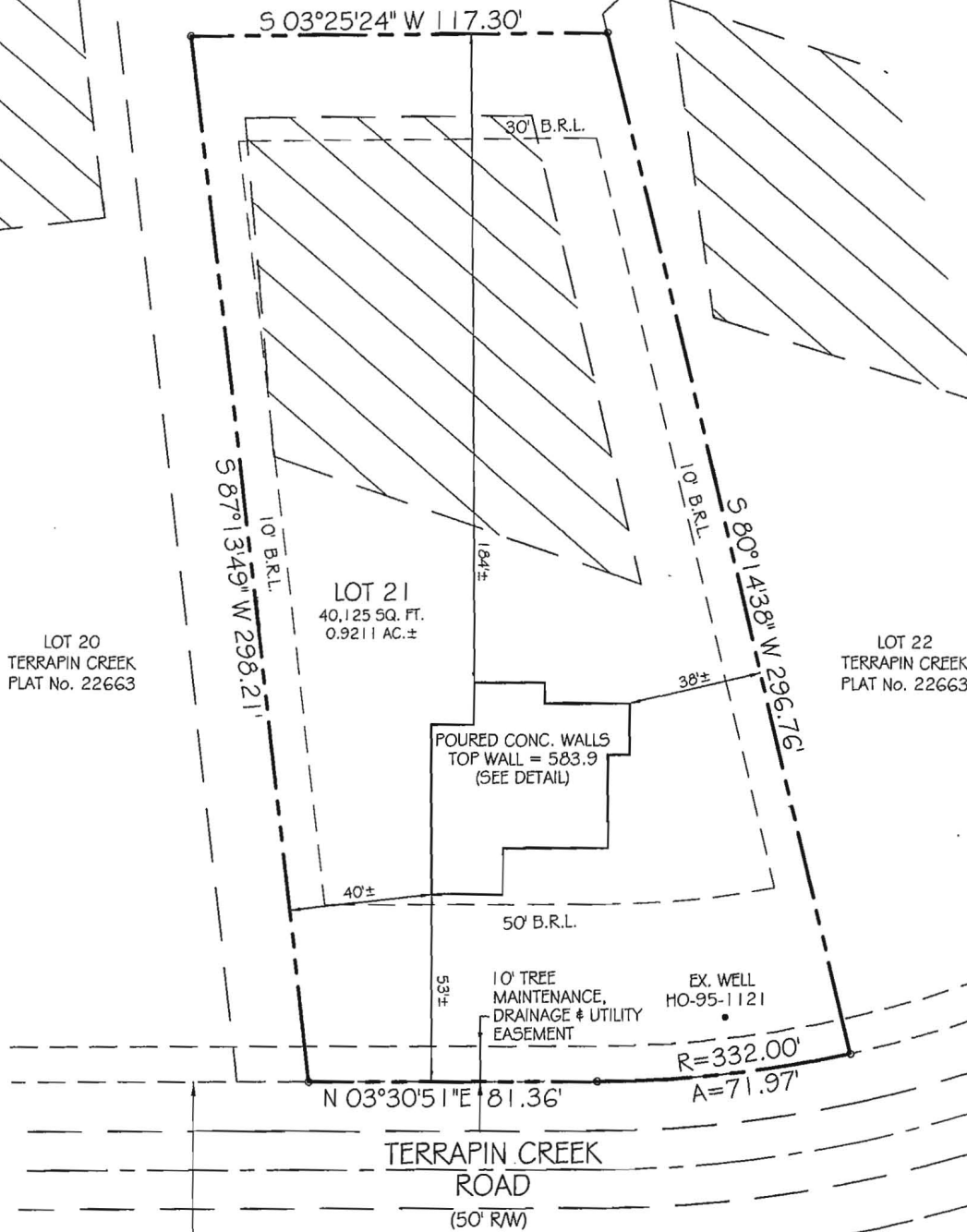
FINAL INSPECTOR

Sarah Collins

DATE OF APPROVAL

8/31/17

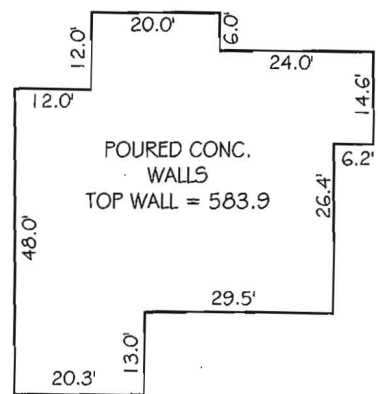
NON-BUILDABLE PRESERVATION
PARCEL 'B-1'
TERRAPIN CREEK
PLAT No. 23779-23782
TERRAPIN CREEK



NOTES:

- 1) FOUNDATION AND FOOTINGS ARE IN PLACE AS SHOWN HEREON.
- 2) BUILDING TIES ARE ±0.5' UNLESS OTHERWISE NOTED.
- 3) TOP OF WALL = 583.9

3/22/17 - wall
check okay
W.O.



HOUSE DETAIL
SCALE: 1" = 30'

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. 21097, EXPIRATION DATE JULY 26, 2017, IN ACCORDANCE WITH COMAR 09.13.06.12.

For VanMar Associates, Inc.
Thomas L. Frazier, Jr., Professional Land Surveyor

3/2/17
Date

WALL CHECK DRAWING
LOT 21
TERRAPIN CREEK

PLAT No. 22662

2010 TERRAPIN CREEK ROAD
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' MARCH, 2017

I CERTIFY THIS PLAT TO BE CORRECT AND 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

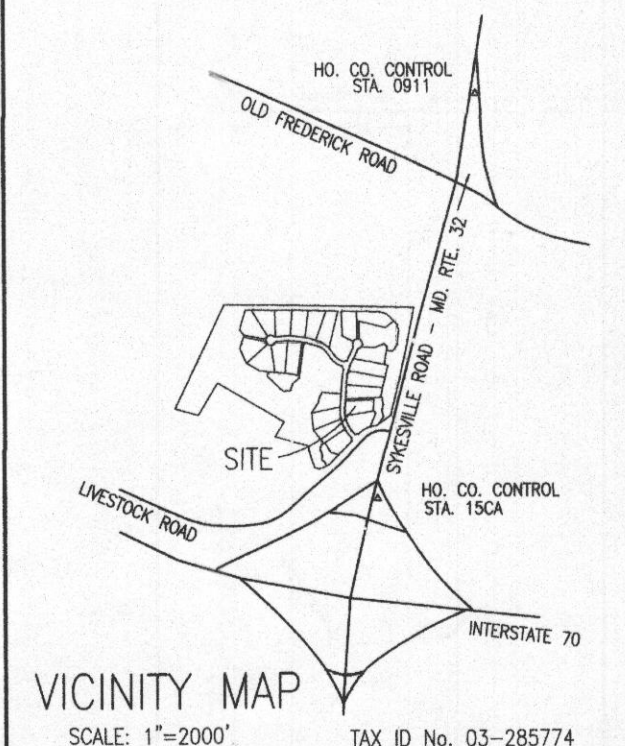
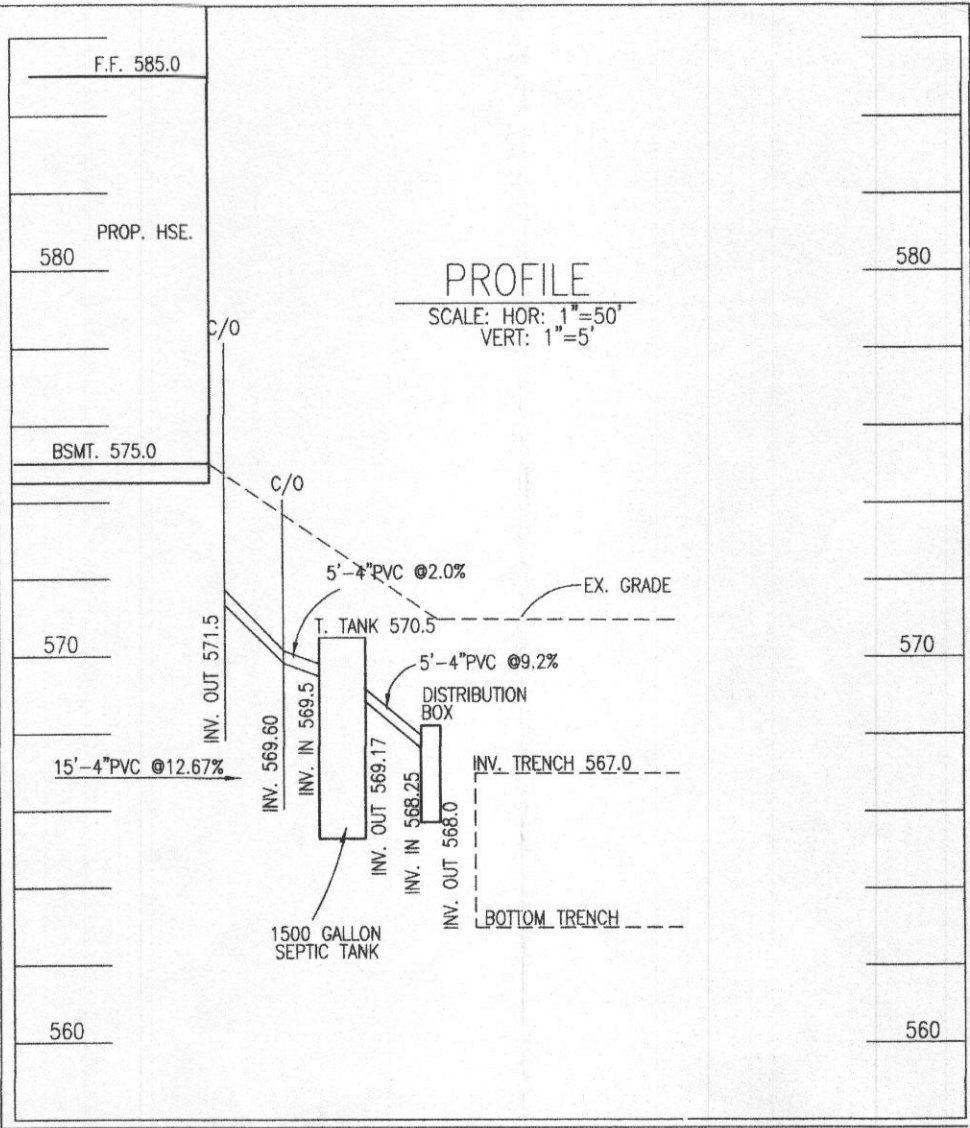
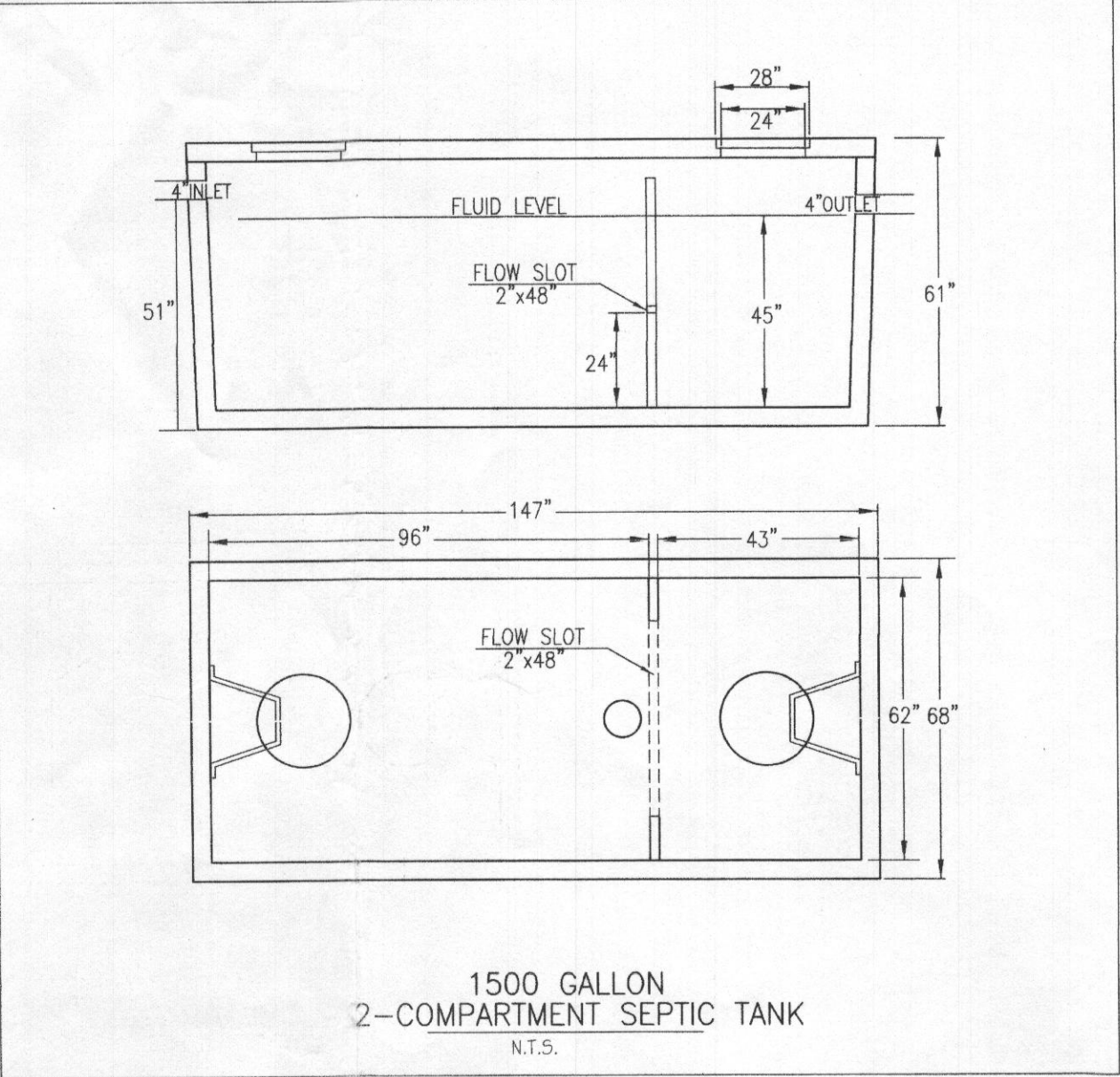
JOB NO.

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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- GENERAL NOTES:
- 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.
 - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 - ZONING DISTRICT: RC-DEO
 - LIMIT OF DISTURBANCE (LOD) = 18,500 SQ.FT.
 - THERE ARE NO STREAMS, PONDS, FLOODPLAINS OR WETLANDS ON THIS LOT.
 - 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.
 - DRIVEWAY CULVERT DESIGNED BY DEVELOPER UNDER PLAN F-07-086.

SEPTIC SYSTEM TRENCH DESIGN

INITIAL NUMBER OF BEDROOMS = 5
APPLICATION RATE = 1.2 GPD / sq.ft.
DESIGN FLOW: 150 GPD X 5 BEDROOMS = 750 GPD
750 GPD / 1.2 GPD/sq.ft. = 625 sq.ft.
625 sq.ft. / 3 ft. WIDE TRENCH = 209 LF TRENCH
209 LF TRENCH X 0.42 REDUCTION CREDIT = 88 LF TRENCH
TRENCH 1 (T1) EX. GRD=571.0 -INV. TRENCH=567.0 -B. TRENCH=563.0

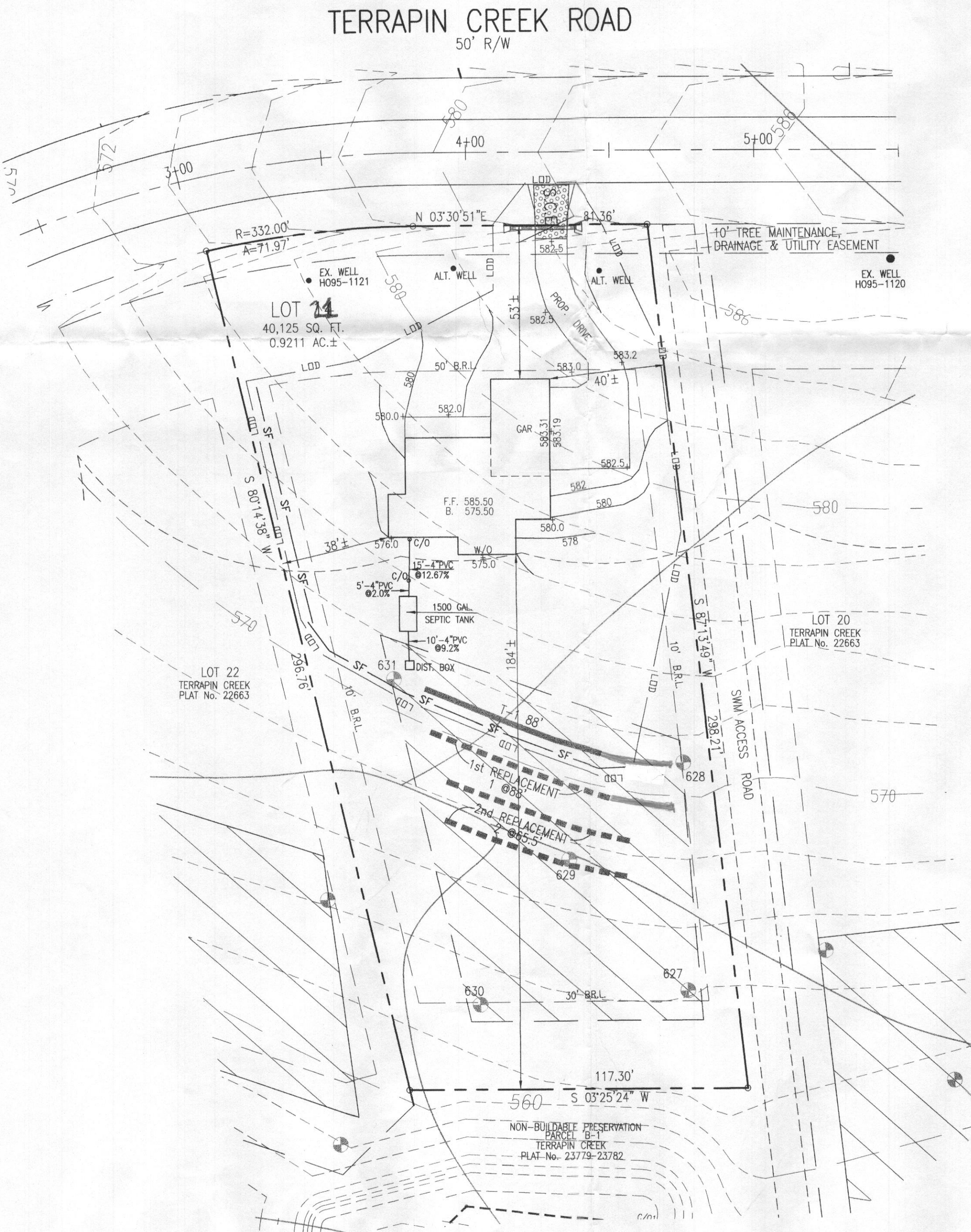
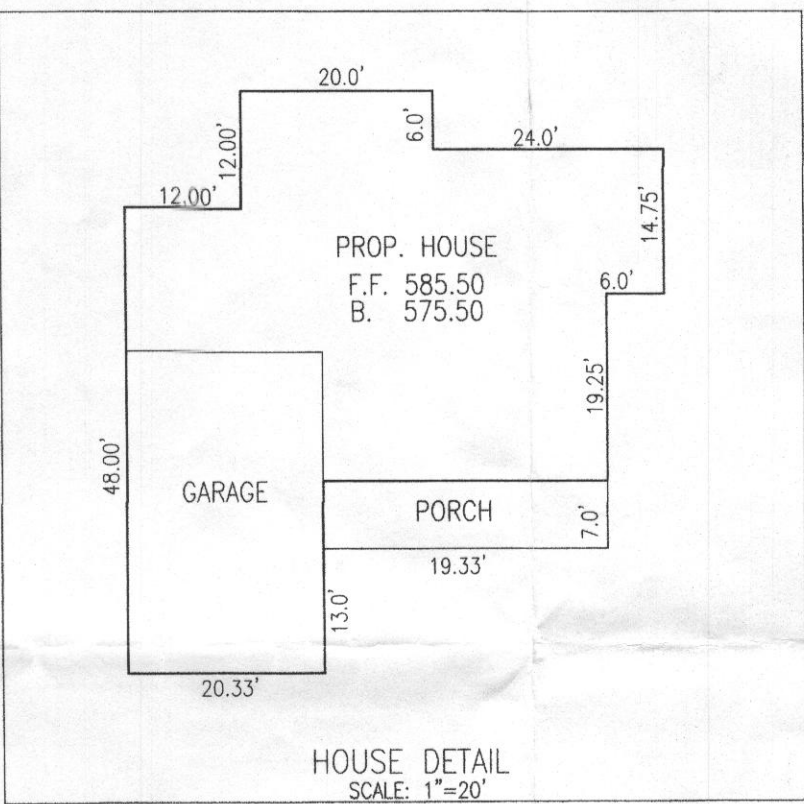
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2nd REPLACEMENT

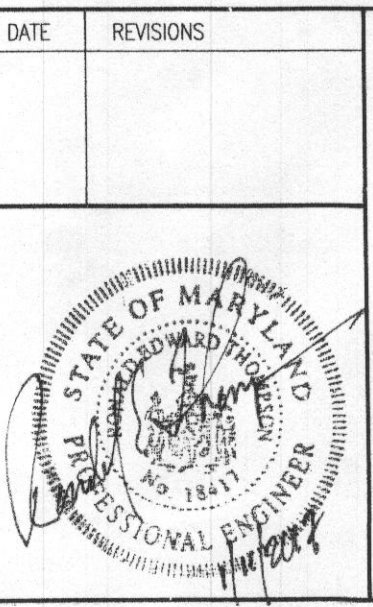
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- SITE PLAN NOTES:
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 - THE WELL (TAG #HO-95-1114) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
 - ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND OR SEPTIC SYSTEMS HAVE BEEN SHOWN.



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. 18412, Expiration Date: 9-18-17.



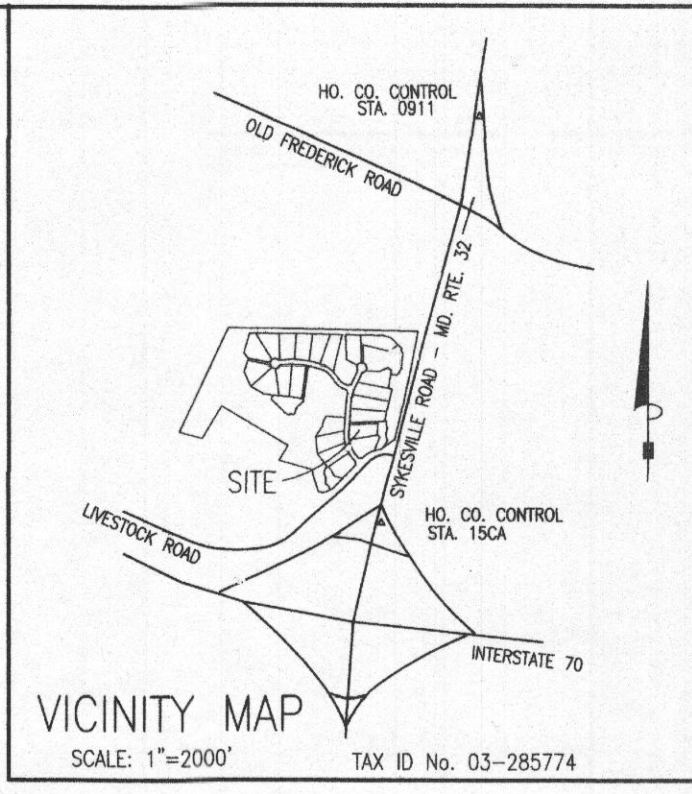
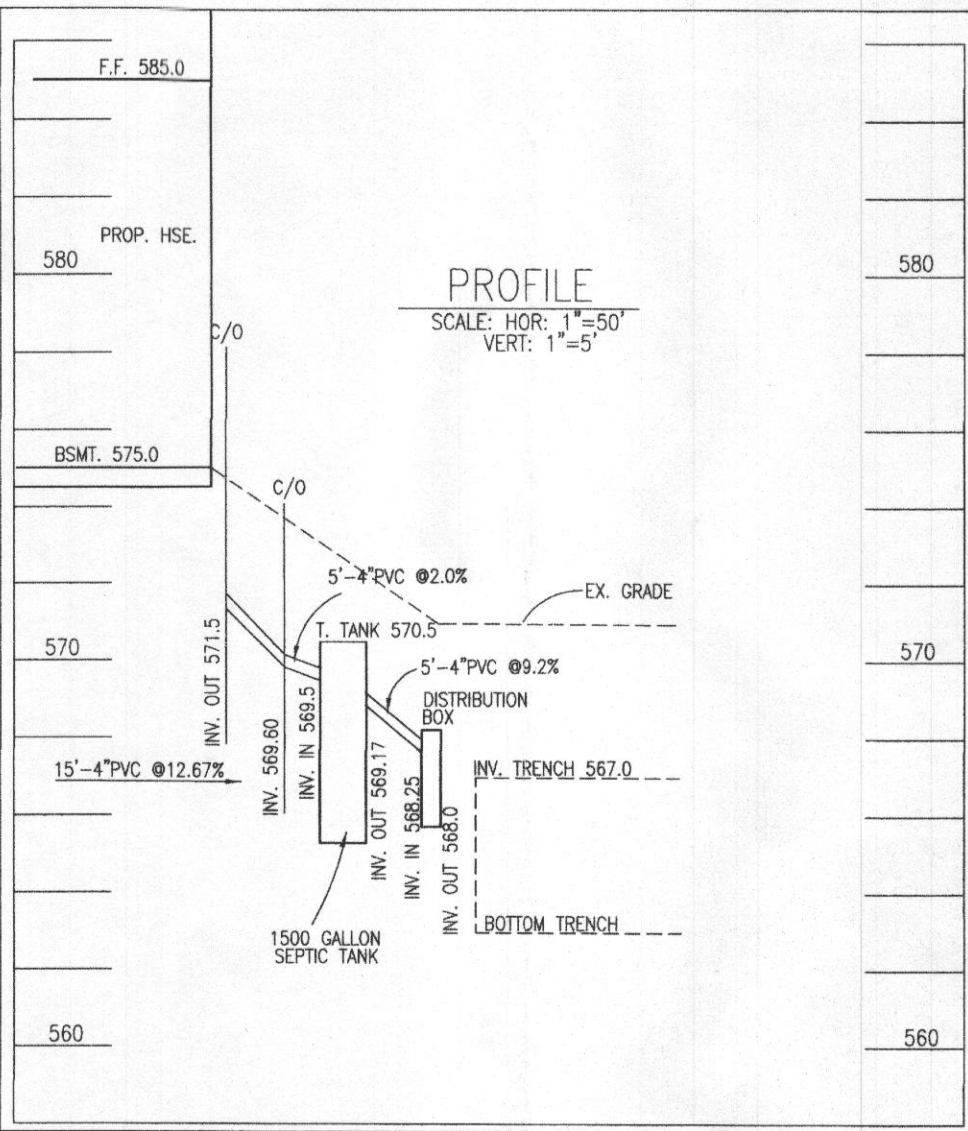
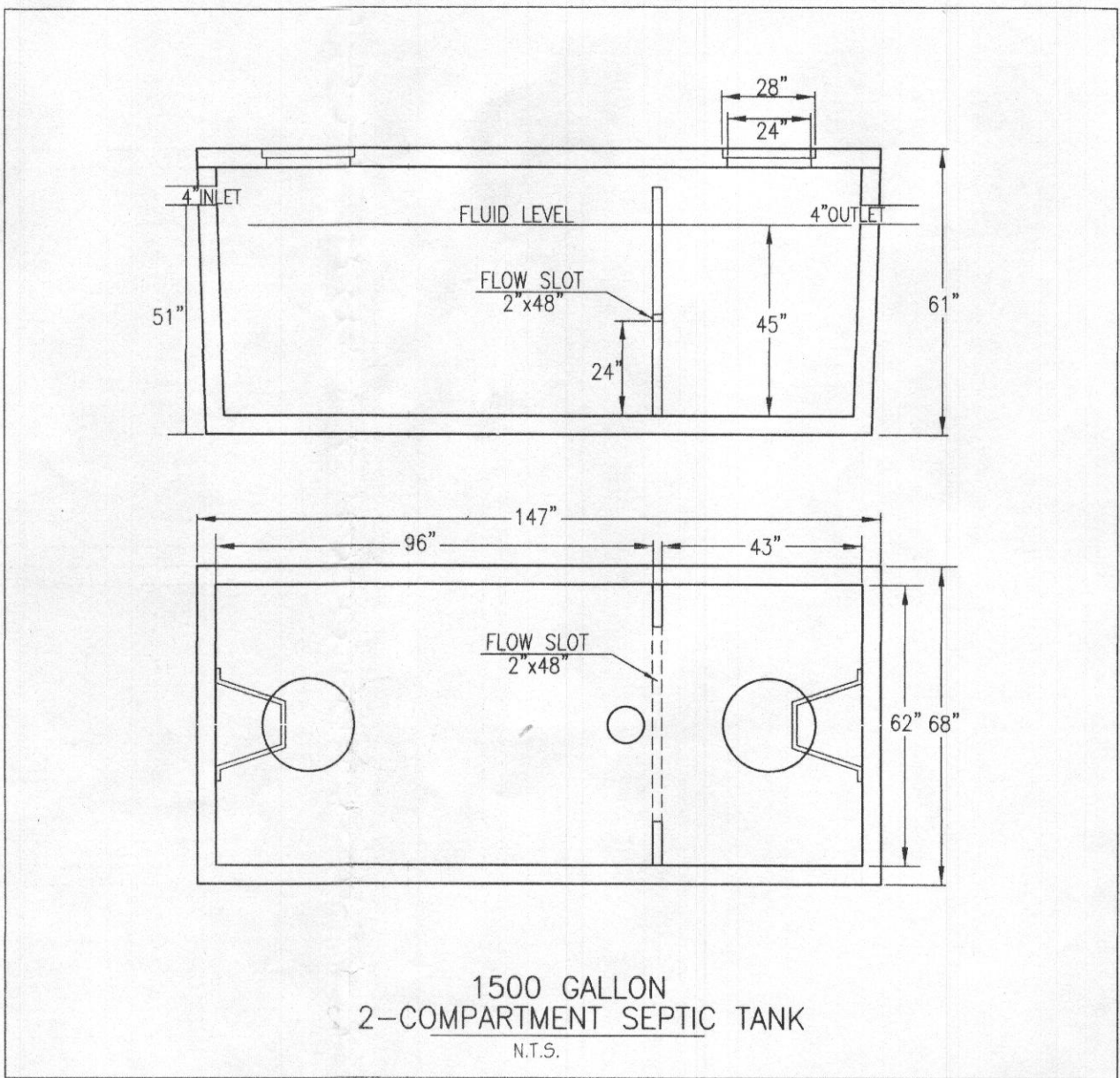
OWNER:
LDG INC.
LEE PLAZA, SUITE 200
8601 GEORGIA AVENUE
SILVER SPRING, MD, 20910
301-585-7000

DEVELOPER:
CATONVILLE HOMES
11175 STRAIFIELD CT.
MARRIOTTVILLE, MD, 21104
410-442-2211

ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

LOT 21
TERRAPIN CREEK
PLAT 22661 - 22664
TAX ID No. 03-285774
2010 TERRAPIN CREEK ROAD
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' JANUARY, 2017

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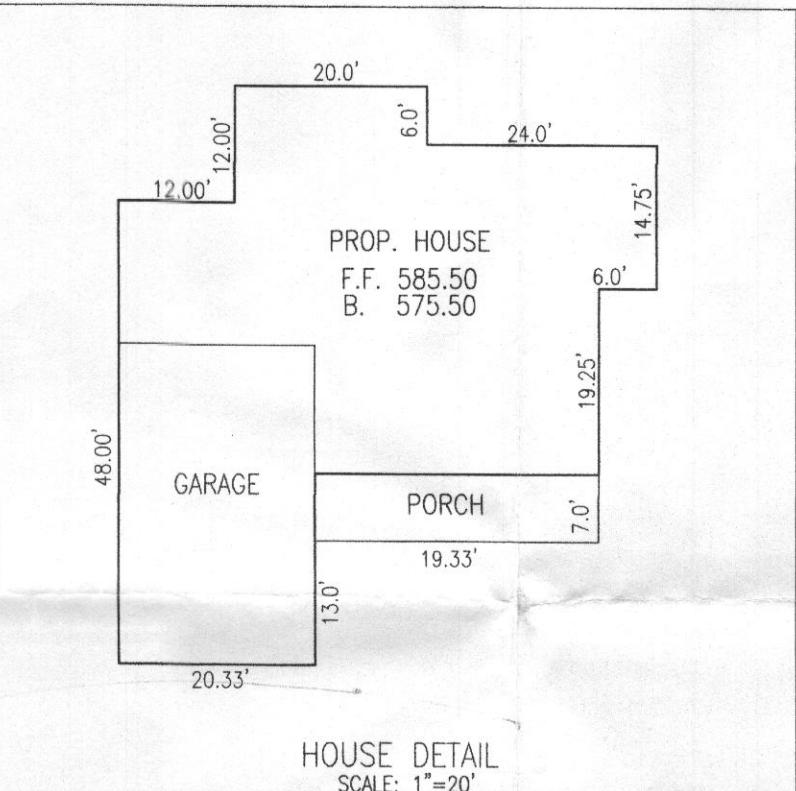
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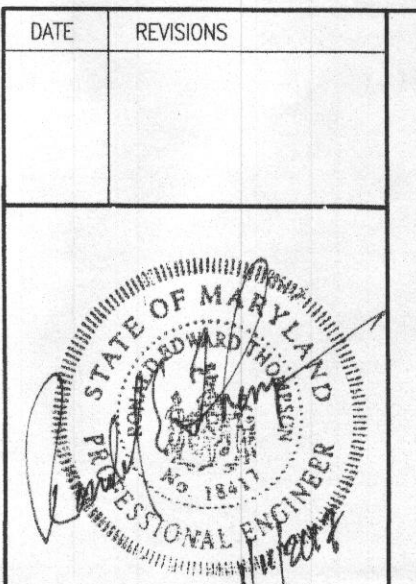


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Approved Septic System Plan
Howard County Health Department
Mark Oswald 2/1/17
Signature Date

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SHEET 1 OF 1

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