

RECEIPT DATE: 12/18/12

P 544452

INSTALLATION
APPROVAL DATE: _____

PERMIT

A

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

PROPERTY OWNER: Frederick Raulin

OWNER'S
ADDRESS: 15101 Frederick Road, Woodbine, MD 21797 PHONE: _____

ADDRESS: 15150 Bushy Park Road TAX ACC'T #: _____

SUBDIVISION: Country Springs Overlook LOT: 1

SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

LINEAR FEET OF TRENCH REQUIRED: TBD

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
NOTES:	A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS REQUIRED PRIOR TO HEALTH APPROVAL OF BUILDING PERMIT, PLOT PLAN, AND WALL CHECK. AN APPROVED WALL CHECK IS REQUIRED PRIOR TO PRE-CONSTRUCTION INSPECTION. THE OSDS PERMITTED HEREIN IS NOT SUBJECT TO REVISIONS TO COMAR 26.04.02 EFFECTIVE 1/1/2013 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS GRANTED PRIOR TO PERMIT EXPIRATION.

ISSUED BY: JEFF WILLIAMS ISSUE DATE: 12/18/12 EXPIRATION DATE: 12/18/13

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET 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

**NEITHER THE HOWARD COUNTY COUNCIL OR 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 FOR INSPECTION OF SEPTIC SYSTEM.**



Howard County
Health Department

Bureau of Environmental Health
7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/18/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544452

INSTALLATION APPROVAL DATE: 6/26/2014 **PERMIT** A _____

CONSTRUCTION

PROPERTY ADDRESS: 15150 Bushy Park Road

SUBDIVISION: Country Springs Overlook LOT: 1 TAX ID: _____

CONTRACTOR: South Carroll Backhoe Inc. EMAIL: scbackhoe@comcast.net

CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster MD 21157 PHONE: 410-596-3618

PROPERTY OWNER: Heritage Realty and Land Development EMAIL: _____

OWNER ADDRESS: P.O. Box 482 Lisbon MD 21765 PHONE: _____

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): 1500 kmw PUMP SIZE: 1/2 whp - 3/4 whp.

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. +3900 APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>155' 180'</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>32</u>	MAXIMUM BOTTOM DEPTH: <u>88'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>456.5'</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 155' of trench on contour. <u>3 x 60'</u> <u>kmw</u>	

ISSUED BY: Dana Bernard ISSUE DATE: 12/11/13 EXPIRATION DATE: 12/18/13

- 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 SEPTIC 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

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CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

See Seperate Sheet
For As-built

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES		3
TOTAL LENGTH		180'
ABSORPTION AREA		360'±SV
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		90' bend
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	Yes
BAFFLE FILTER	
MANHOLE LOC	Front/Rear
6" PORT LOC	none
WATERTIGHT TEST	-
SLOTTED	Yes
DATE ON LID	-

PUMP/SEPTIC TANK LEVEL

SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'
BAFFLES	Front
BAFFLE FILTER	-
MANHOLE LOC	Rear
6" PORT LOC	none
WATERTIGHT TEST	-
SLOTTED	no
DATE ON LID	N/A

PRE-CONSTRUCTION:

12/13/13 SRA corners staked per plan. septic tank and pump tank staked. Builder present onsite. Keep F.M. as shown on plan. Install Dbox @ top part of SRA. Install 3x 60' trenches running east on center. Elevations shot, looks good. Call for F/U. map. (KW)

INSTALLATION:

12/13/13 (pm) tanks set, Top trench completed. OK to contractor (KW)
12/16/13 Trenches complete, 2" F.M. run up to Dbox. Need to complete dist. network and run 5' piece of pipe out of tank to install outlet. (KW)
12/17/13 Trenches complete. F.M. run. visited on-site for contractor to finish Dist. network. OK to cover all work. Need site when house gets built and p/a test for final approval (KW)
4/21/14 4" pipe installed to tank. Need p/a test for final approval (KW)
6/26/2014 Pump and alarm working. (KB)

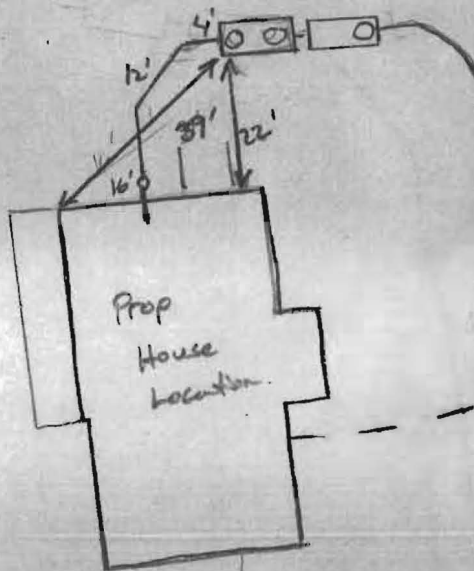
FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

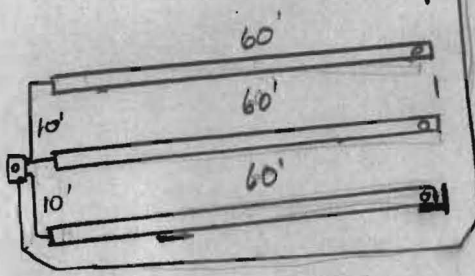
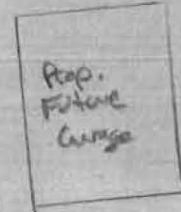
6/26/2014

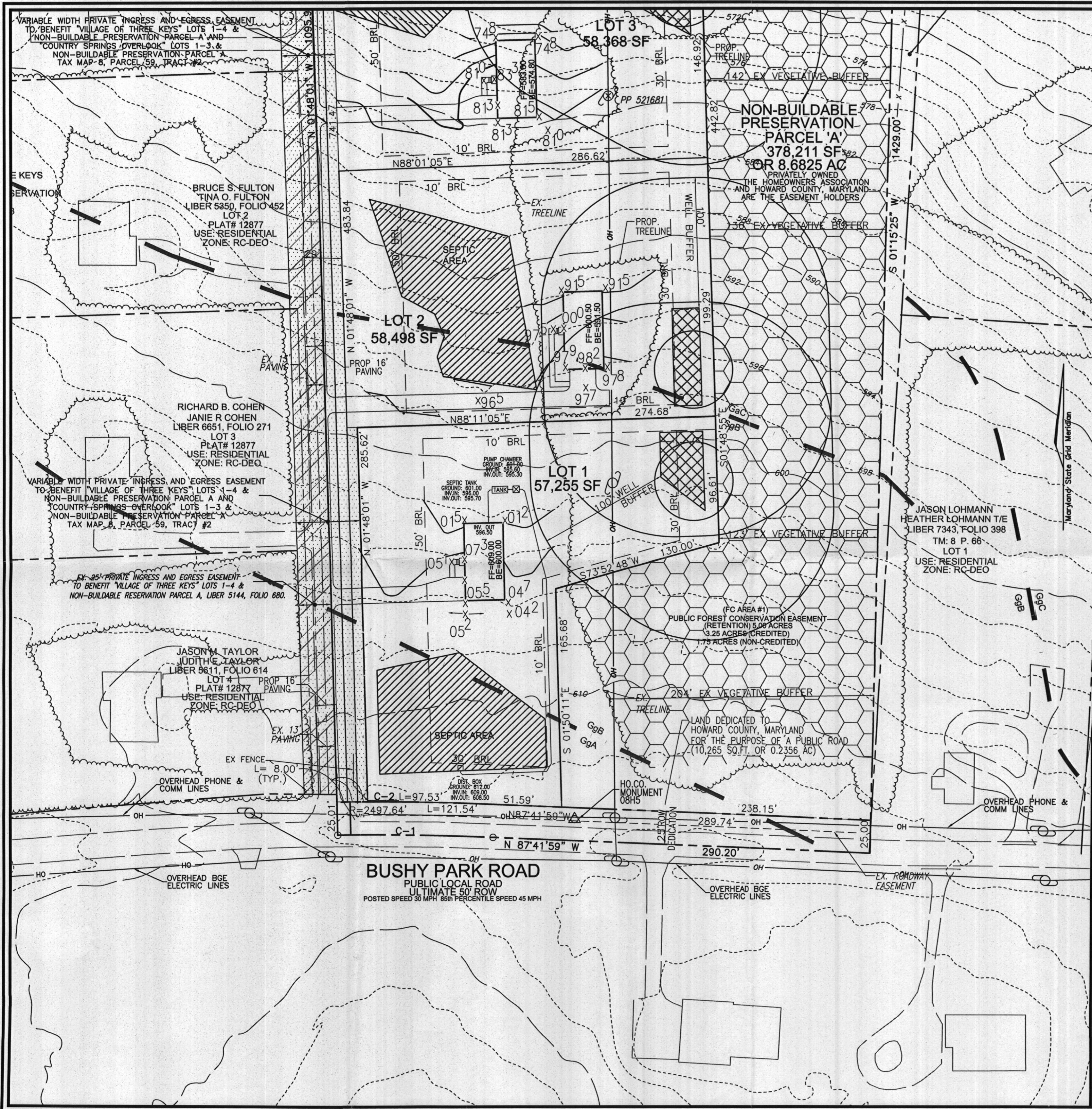
NOT TO SCALE



Ex Well line
sleeved from house
to 20' past F.M.
12" above sewer

2" F.M.





LEGEND:

- — — — — PROPERTY LINE
- - - - - RIGHT-OF-WAY LINE
- - - - - ADJACENT PROPERTY LINE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- SsE SIC2 SOILS
- ~ ~ ~ ~ ~ EXISTING TREELINE
- || || || EXISTING FENCE
- ▬▬▬▬▬ PROPOSED SIDEWALK
- ~ ~ ~ ~ ~ PROPOSED TREELINE
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- +328.28 PROPOSED SPOT ELEVATION
- ▨▨▨▨▨ PROPOSED WELL ENVELOPE
- ▨▨▨▨▨ PROPOSED SEPTIC EASEMENT
- ▨▨▨▨▨ FOREST CONSERVATION EASEMENT
- ■ ■ ■ ■ EXISTING MODERATE SLOPES
- ■ ■ ■ ■ EXISTING STEEP SLOPES
- ▨▨▨▨▨ EX. 25' PRIVATE INGRESS AND EGRESS EASEMENT TO BENEFIT VILLAGE OF THREE KEYS LOTS 1-4 & NON-BUILDABLE PRESERVATION PARCEL A, L. 5144/F. 680
- ▨▨▨▨▨ VARIABLE WIDTH PRIVATE INGRESS AND EGRESS EASEMENT TO BENEFIT VILLAGE OF THREE KEYS LOTS 1-4 & NON-BUILDABLE PRESERVATION PARCEL A AND 'COUNTRY SPRINGS OVERLOOK' LOTS 1-3 & NON-BUILDABLE PRESERVATION PARCEL A TAX MAP 8, PARCEL 59, TRACT 2

OWNER
 FREDERICK W. RAULIN
 15101 FREDERICK ROAD
 WOODBINE, MD 21797
 C/O TIM FEAGA
 410-489-7900

DEVELOPER
 HERITAGE REALTY SERVICES
 15950 NORTH AVENUE
 P.O. BOX 482
 LISBON, MD 21765
 410-489-7900

NO.	REVISION	DATE

SEPTIC PLOT PLAN

COUNTRY SPRINGS OVERLOOK

LOT 1

TAX MAP 8 BLOCK 21
 4TH ELECTION DISTRICT
 DPZ REF'S: ECP-11-027, WP-09-234, F-11-091

PARCEL: 59
 L. 12511/F. 476
 ZONED: RC-DEO
 HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL
ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLIGOTT CITY, MD 21043
 TEL: 410.461.7666
 FAX: 410.461.8961

PROFESSIONAL CERTIFICATE

DESIGN BY: _____ JTD
 DRAWN BY: _____ JMR
 CHECKED BY: _____ JTD
 DATE: _____ DECEMBER 2012
 SCALE: _____ 1"=50'
 W.O. NO.: _____ 08-15

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. 21438 EXPIRATION DATE: 12-16-2013.

1 SHEET OF 1

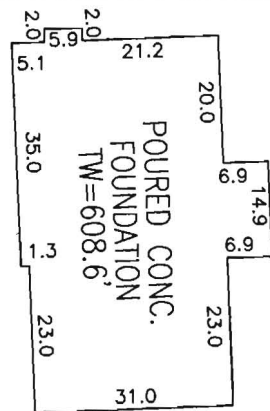
JOHN DIGATE, PE No. 21438

15150 Bushy Park Road BPT# 1300 4092

THIS WALL CHECK DRAWING CONTAINS A HORIZONTAL TOLERANCE IN ACCURACY OF 0.1' AND A VERTICAL TOLERANCE IN ACCURACY OF 0.2'

INGRESS AND EGRESS EASEMENT PRIVATE EXISTING 25' TO BENEFIT "VILLAGE OF THREE KEYS" LOTS 1-4 & NON-BUILDABLE PRESERVATION PARCEL A (LIBER 5144, FOLIO 680)

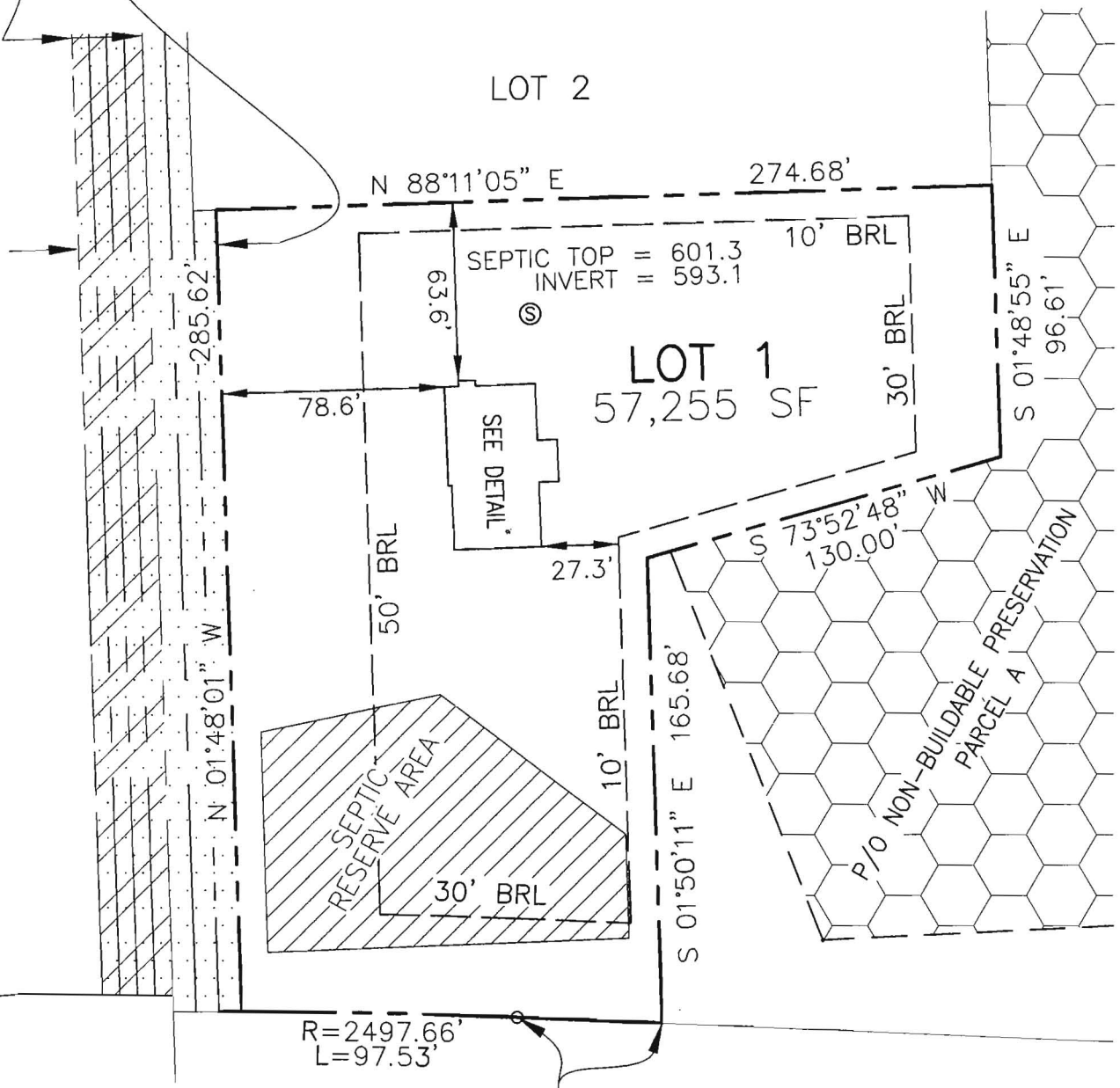
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DETAIL 1" = 30'

MARYLAND STATE GRID MERIDIAN (NAD83/91)

VILLAGE OF THREE KEYS PLAT 12877



BUSHY PARK ROAD

(50' R/W)
PUBLIC LOCAL ROAD

N87°41'59"W
51.59'

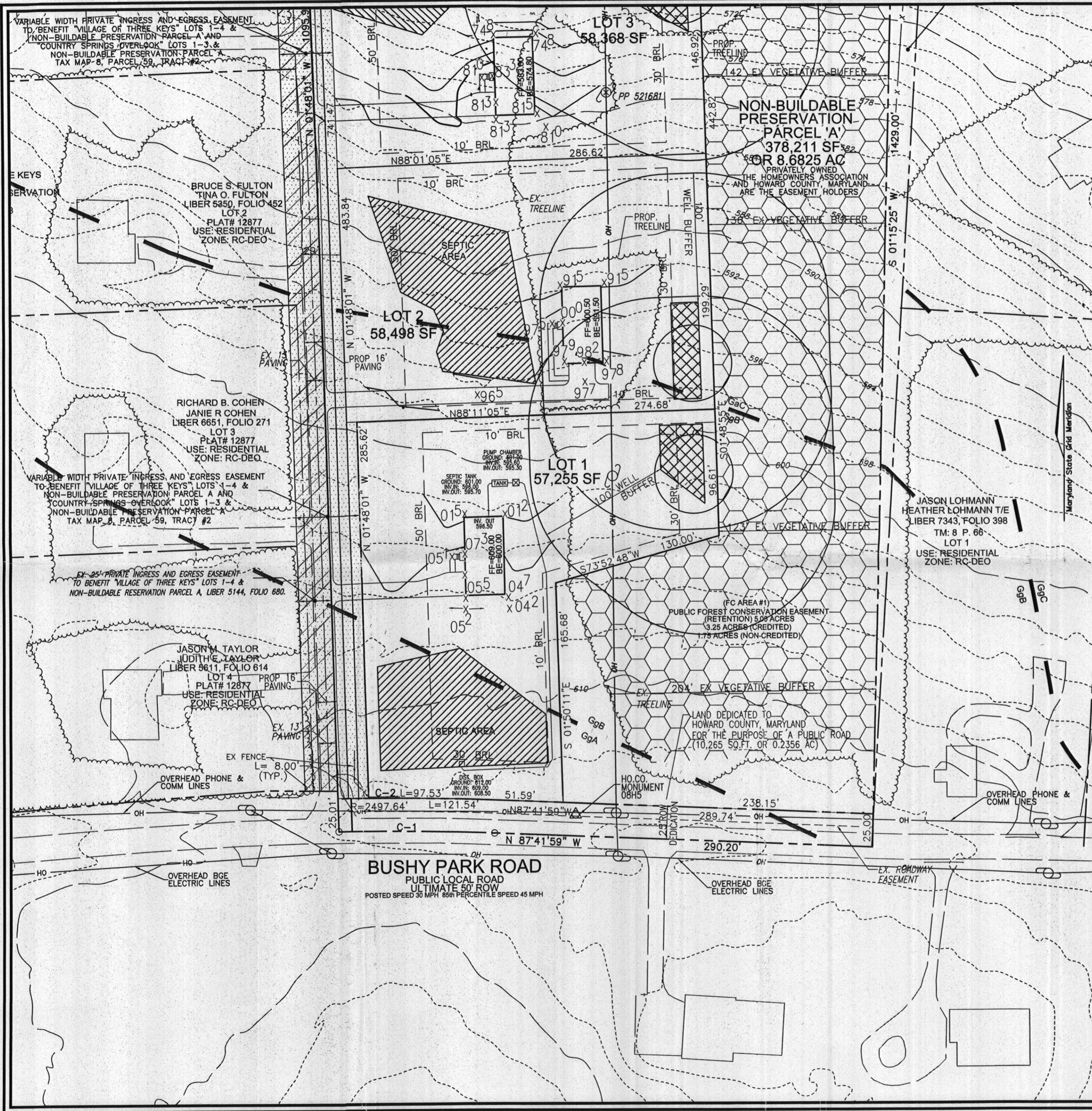


I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

PROFESSIONAL CERTIFICATION; I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 267, EXPIRATION DATE JULY 28, 2014.

Thomas M Hoffman 2-7-14
THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE

SCALE 1" = 60'	DATE 2/5/14	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLICOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING 15150 BUSHY PARK ROAD LOT 1 COUNTRY SPRINGS OVERLOOK PLAT NO. 22003 ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY R.E.D.	CHECKED BY T.M.H.		
PLAT NUMBER 22003	JOB NUMBER 08-15		



- LEGEND:**
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COUNTRY SPRINGS OVERLOOK

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PARCEL: 59
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