

LAYOUT 11/8/12 INSP 4 _____
 INSP 2 11/16/12 INSP 5 _____
 INSP 3 11/19/12 INSP 6 _____

ISSUE DATE: 11/2/12

PERMIT

P 538124

APPROVAL DATE: 11/19/12

A _____

Tax ID #05-443148

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

Fogles Septic

IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: 410-795-5670

SUBDIVISION: Homewood Crossing LOT NUMBER: 51

ADDRESS: 11231 Independence Way PROPERTY OWNER: NVR Inc.

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: ±9,397 Trenches 3' Wide

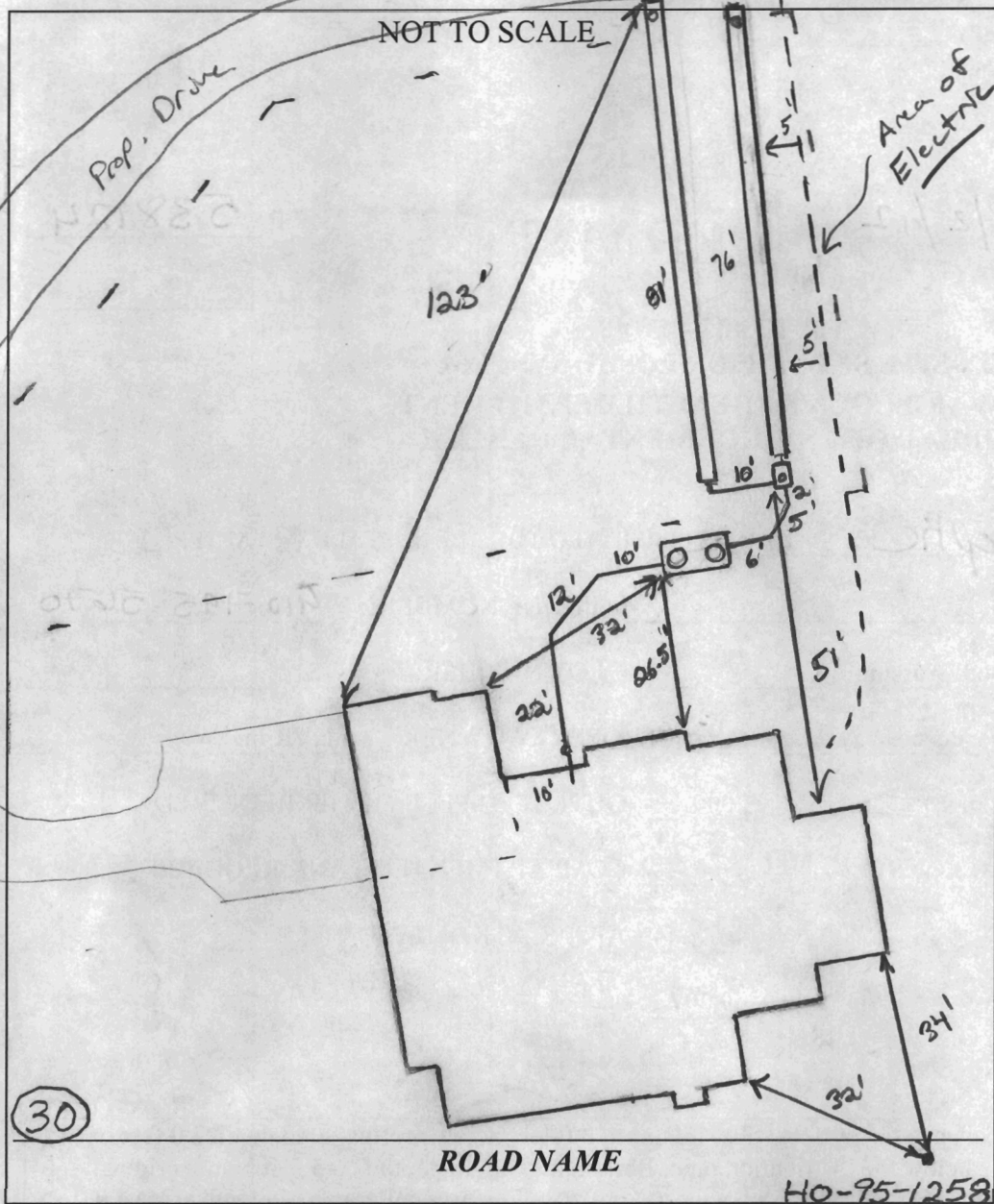
LINEAR FEET OF TRENCH REQUIRED: 155' Inlet 5'
Bottom 7' 2x78' Trenches

TRENCHES:	Trenches to be 3.0 feet wide. Inlet is at 3.0 feet below original grade with 2.0 feet of stone below the distribution pipe. Bottom maximum depth is 6.5 feet below original grade. Effective sidewall begins at 4.5 feet below original grade. Maintain at least 9.0 feet of spacing between trenches. <u>~ 5'</u>
LOCATION:	Set septic tank per layout inspection. Set distribution box at the highest point of the easement per layout inspection. Install 155 feet of trench on contour per layout inspection.
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Dana Bernard DATE: 1/04/12

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- 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

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



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	4.5	7
NUMBER OF TRENCHES	2	
TOTAL LENGTH	157'	
ABSORPTION AREA	471'± SW	
DISTRIBUTION BOX LEVEL	Leveler's	
DISTRIBUTION BOX BAFFLE	yes	
DISTRIBUTION BOX PORT	Yes	

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front/Rear
6" PORT LOC	None
WATERTIGHT TEST	—
SLOTTED	Yes
DATE ON LID	9-8-12
PUMP/SEPTIC TANK LEVEL	N/A
MANUFACTURER	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—
SLOTTED	—
DATE ON LID	—

PRE-CONSTRUCTION:

11/8/2012 Tank 26' off house.

INSTALLATION:

11/16/12 S.T. set. Set D box top next corner S.E.A. Electric line running on top right edge of septic area. Contractor to stay 5' from electric. Install 2 x 75' trenches on contour. Keep dbx, pipes bank 5' or so from drive. Specs adjusted on permit (KW) 11/19/12 Trenches complete. D box leveled. OK to cover all work (KW)

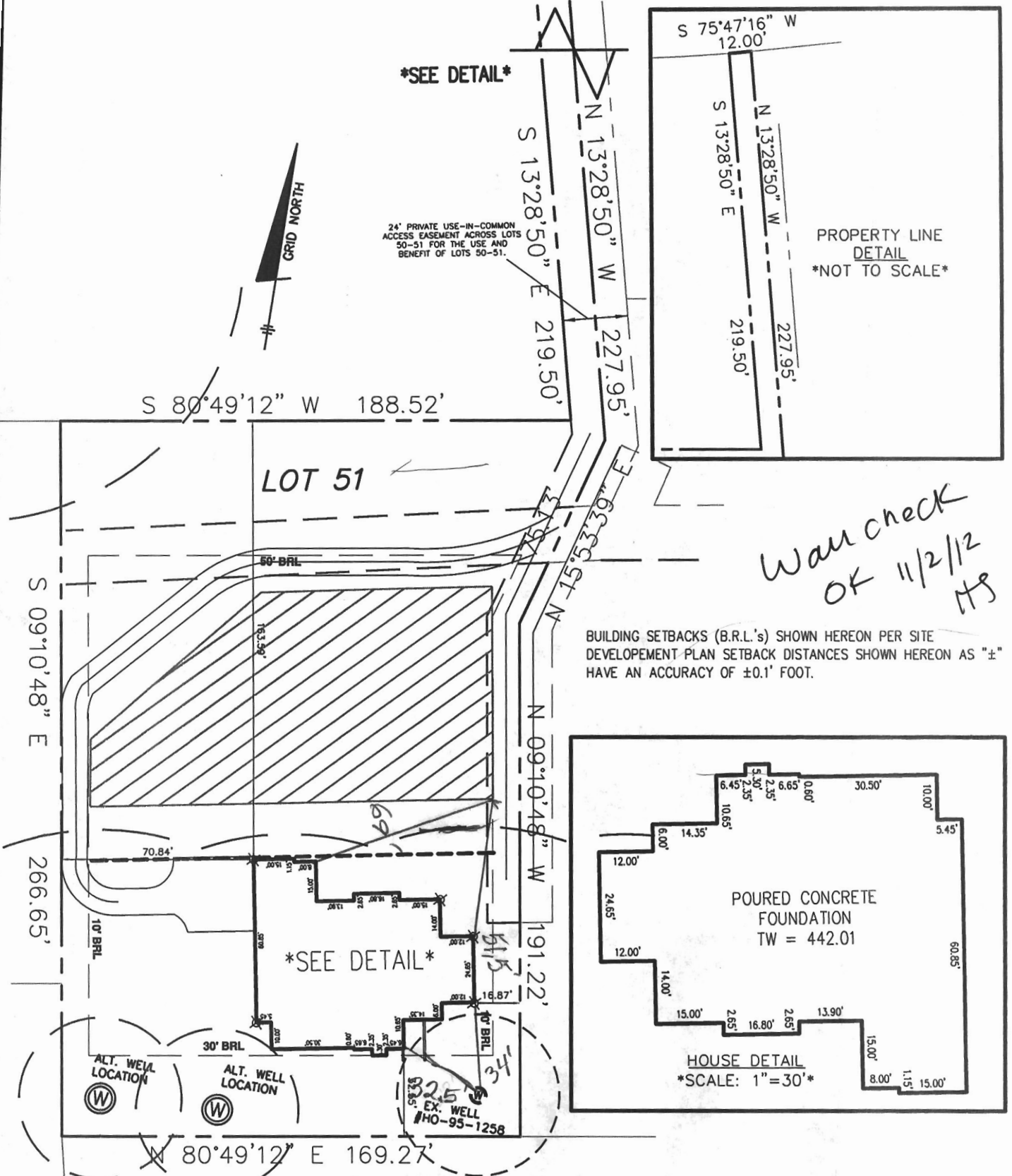
FINAL INSPECTOR

H. Wolf

DATE OF APPROVAL

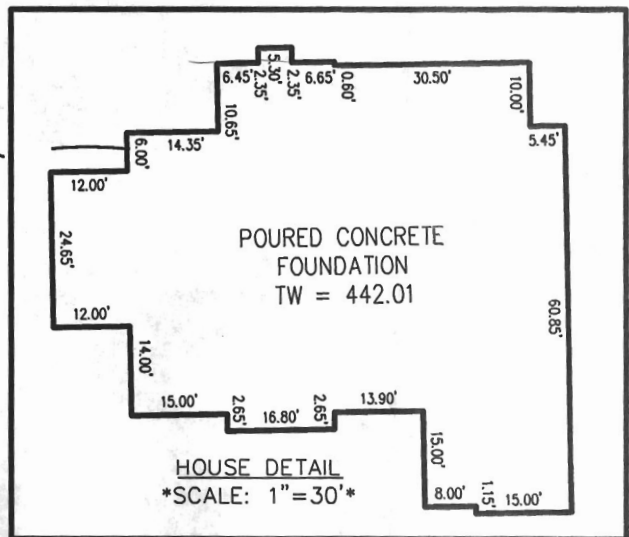
11/19/12

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE 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. 21328, EXPIRATION DATE 1/8/13.



BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

*Wall check
OK 11/2/12
MS*



SURVEYOR'S NOTE

THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED. THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

SIGNATURE: MICHAEL JOE BOYCE
 MD. LIC NO. 21328
 DATE 08/22/12

WALLCHECK

**LOT # 51
HOMWOOD CROSSING**

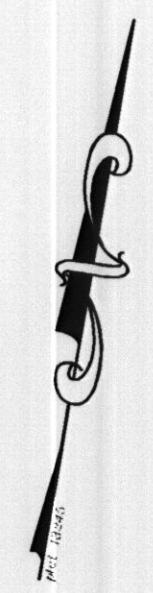
LIBER 9808, FOLIO 204
 PLAT No. 18245
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND



ESE Consultants Inc.
 7164 Columbia Gateway Dr.
 Suite 203
 Columbia, MD 21046
 TEL: 410-872-9105
 FAX: 410-872-4870

DATE: 08/22/12 SCALE: 1" = 50' FILE: WC-51
 CHK'D: M.J.B. JOB#: 1214 DRAWN: G.T.C.

INDEPENDENCE WAY



THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

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.

THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT 18245

TOPOGRAPHIC INFORMATION ESTABLISHED AT TWO FOOT INTERVALS BASED ON AERIAL TOPOGRAPHY PREPARED BY 2DI LLC, DATED APRIL 2001 AND SUPPLEMENTED BY FIELD RUN TOPOGRAPHY PREPARED BY FISHER, COLLINS & CARTER, INC.

THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO ADJUST THE ALT WELL #3 CLOSER TO THE PROPERTY LINE, AND ADJUST THE SEPTIC RESERVE AREA CLOSER TO THE SHARED DRIVE, AND REMOVE A PORTION IN FRONT OF PROPOSED HOUSE IN ORDER TO PROVIDE A USABLE BUILDABLE AREA.

INV. @ HOUSE	435.9
GROUND @ INV. @ HOUSE	439.0
INV. IN TANK	434.9
INV. OUT TANK	434.6
TOP OF TANK	435.6
GROUND OVER TANK	437.0

INV. IN DIST. BOX	434.3
INV. OUT DIST. BOX	434.0
GROUND @ BOX	438.0

*****BASEMENT DOES NOT GRAVITY SEWER*****

THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-1258) HAS BEEN FIELD LOCATED BY ESE CONSULTANTS, INC.- PROFESSIONAL LAND SURVEYOR(S), AND IS ACCURATELY SHOWN.

ADDRESS: 11231 INDEPENDENCE WAY
ELlicott CITY MD 21043

APPROVED:
FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Peter Bilberson
COUNTY HEALTH OFFICER
DATE: 10/27/2011

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

LEGEND:

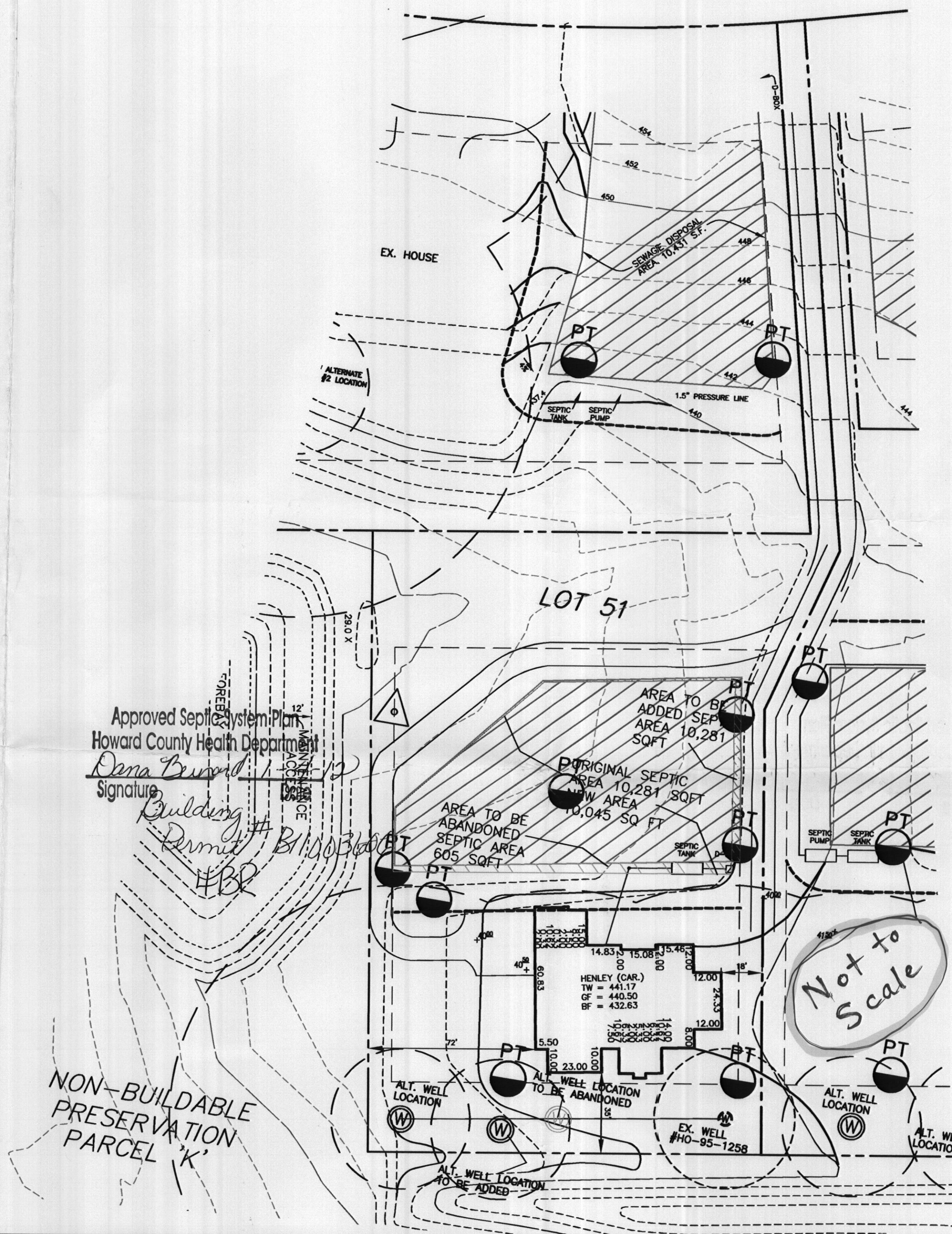
- PROPOSED ALTERNATE WELL LOCATION
- EXISTING WELL
- EXISTING PASSED PERC.
- EXISTING SEPTIC AREA

LINE DATA		
	BEARING	DIST.
L1	N88°00'00"W	24.36'
L2	S02°00'00"W	28.61'
L3	S47°00'00"W	20.00'
L4	N43°00'00"W	27.86'
L5	N88°00'00"W	24.86'
L6	N02°00'00"E	23.05'

TYPE: HOUSE TYPE (ELEVATION)-
OPTION OPTION No. XXX

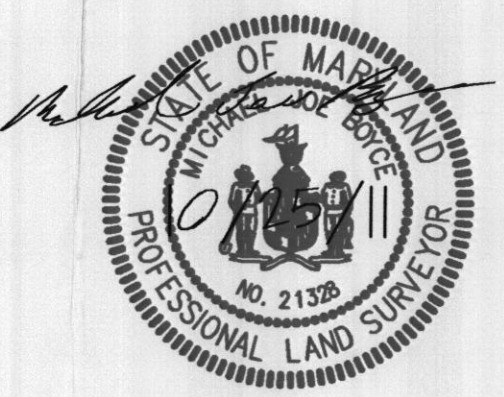
NON-BUILDABLE PRESERVATION PARCEL 'K'

Approved Septic System Plan
Howard County Health Department
Dana Beard
Signature
Building # B11003600
Permit # B11003600
#BR



Not to Scale

TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE FOLLOWING STATEMENTS ARE TRUE:
1) ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN. ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWNGRADIENT OF ANY EXISTING OR PROPOSED SEPTIC SYSTEM AND SEWAGE DISPOSAL EASEMENTS HAVE BEEN SHOWN. THE ENGINEER HAS USED ALL EFFORTS TO FIND THE LOCATIONS OF ALL SURROUNDING WELLS AND SEPTIC SYSTEMS
THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTHS AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT AS SHOWN ON THE RECORD PLAT 18240 GENERAL NOTES ITEM 2.
ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN
THE SOIL TYPE FOR THIS LOT IS CH2



PERMIT PLOT PLAN &
PERCOLATION CERTIFICATION PLAN
LOT # 51
HOMEWOOD CROSSING
LIBER 9808, FOLIO 204
PLAT No. 18245
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

ESE Land Planning
Engineering
Land Surveying
ESE Consultants Inc.
7164 Columbia Gateway Dr.
Suite 203
Columbia, MD 21046
TEL: 410-872-9105
FAX: 410-872-4870

DATE: 10/25/11 SCALE: 1"=40' FILE: LOT 51 PERC CERT
CHK'D: MJB JOB#: 1214 DRAWN: MJB