



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: 5-2-13 **ONSITE SEWAGE DISPOSAL SYSTEM** P SUSO54-A

INSTALLATION APPROVAL DATE: 7/13/13 **PERMIT CONSTRUCTION** A 517336

PROPERTY ADDRESS: 14870 Michele Drive

SUBDIVISION: The Warfields II LOT: 44 TAX ID: 05-452147

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

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

PROPERTY OWNER: NVR Inc. EMAIL: _____

OWNER ADDRESS: 9720 Patuxent Woods Drive PHONE: 410-379-5956

SEPTIC TANK SIZE (GALLONS): 2000 *BAT?*

PUMP CHAMBER CAPACITY (GALLONS): 1500 PUMP SIZE: _____

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. 4,576 APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>130' 150'</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</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. Set distribution at highest point of the easement per layout inspection. Install 130' of trench on contour per layout inspection. <i>70', 80'</i> <i>~ 90' for</i>	

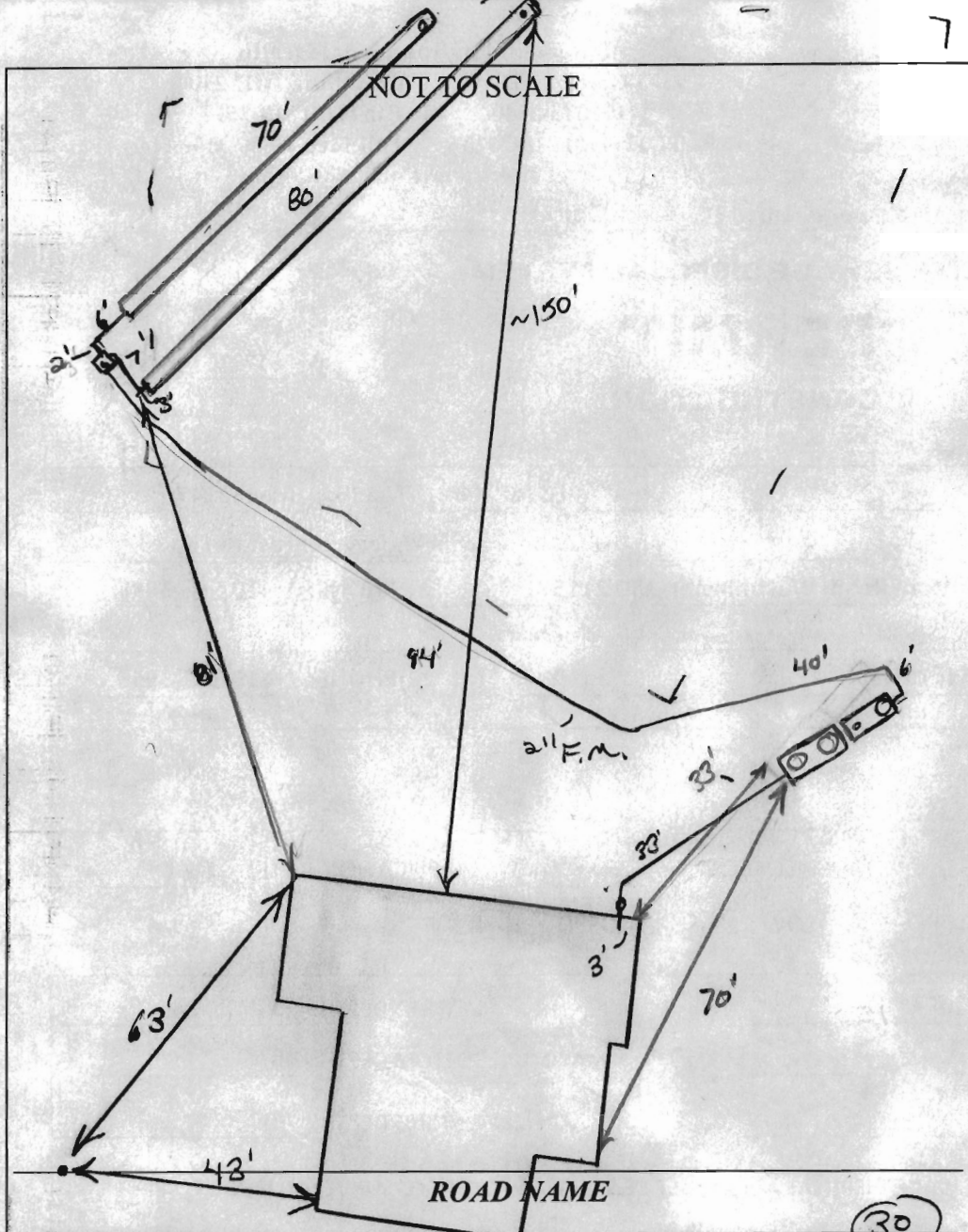
ISSUED BY: Dana Bernard ISSUE DATE: 5-30-13 EXPIRATION DATE: 12-17-13

- 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 DOWNGRADE 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 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.



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		150'
ABSORPTION AREA		450'±SW
DISTRIBUTION BOX LEVEL		45'±bnd
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'
BAFFLES	Yes
BAFFLE FILTER	-
MANHOLE LOC	Front/Rear
6" PORT LOC	none
WATERTIGHT TEST	-
SLOTTED	Yes
DATE ON LID	4-29-13
PUMP SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Front
BAFFLE FILTER	-
MANHOLE LOC	Rear
6" PORT LOC	Front
WATERTIGHT TEST	-
SLOTTED	no
DATE ON LID	4-22-13

PRE-CONSTRUCTION:

5/31/13 No laser on-site. Can tank location. Keep out of swale area. Watch depth on tanks. Call for F.V. to layout trenches. (K)

6/4/13 Both tanks set. Layout given. Install a 70' and 80' trench on contour @ highest part of SRA. (K)

INSTALLATION:

6/5/13 Sewer house ran up to house. Both trenches installed per layout. Need F.M. and Dbox. Meet house contractor.

6/6/13 Force main installed. Dbox installed w/ distribution network. Site made. OK to cover all work. Need p/A test for final approval. (K)

7/10/13 Pump/Alarm test not installed. Site map made. (K)

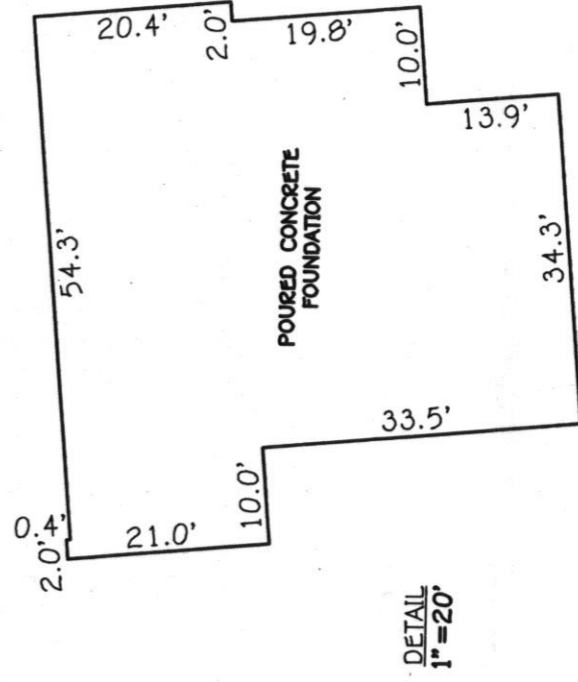
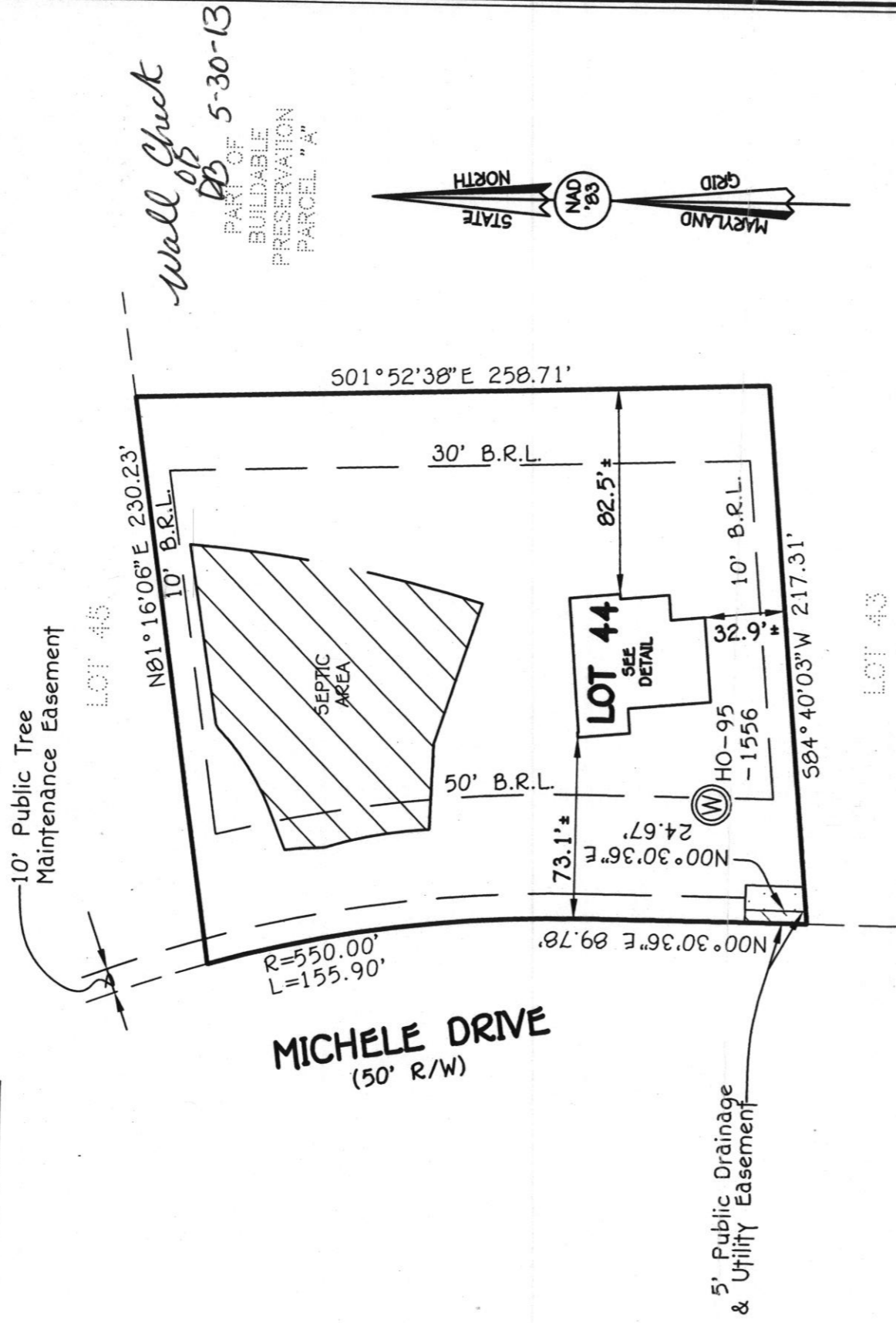
7/15/13 P/A OK.

FINAL INSPECTOR H. Wolf DATE OF APPROVAL 7/15/13

44

GENERAL NOTES:

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440020-B, EFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 0.5'(+/-)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-1556 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 6) PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 339, EXPIRATION DATE 10/04/2014.
- 7) BUILDING PERMIT # 12002522



#14870 MICHELE DRIVE
B.R.L.= BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV.= 543.4'

LOT 44
THE WARFIELDS II
SECTION TWO
LOTS 6 THRU 68
CEMETERY OPEN SPACE LOT 69
AND BUILDABLE PRESERVATION
PARCEL "A" & NON-BUILDABLE
PRESERVATION PARCEL "B" THRU "I"
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT #20247-20254

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 4/26/13
FINAL LOCATION:
BOUNDARY SURVEY:
SCALE: 1"=60'
DATE: 4/30/13
DRAWN BY: JMP
CHECKED BY: MLR
PROJECT No.: 05100-6001



4/30/13
DATE
PROFESSIONAL LAND SURVEYOR
REC. # 339

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855