

LAYOUT 4/22/10 INSP 4 _____
 INSP 2 4/23/10 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 4/16/2010
 APPROVAL DATE: 4/30/10

PERMIT

P 532598
 A 517336

Tax ID # 5452406

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

SOUTH CARROLL BACKHOE, INC. IS PERMITTED TO INSTALL ALTER

ADDRESS: 4410 SALEM BOTTOM ROAD, WESTMINSTER, MD 21157 PHONE NUMBER: 410-875-4197

SUBDIVISION: THE WARFIELDS II LOT NUMBER: 67

ADDRESS: 14911 MICHELE DRIVE PROPERTY OWNER: NVR, INC.

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: >5000 5'-9"

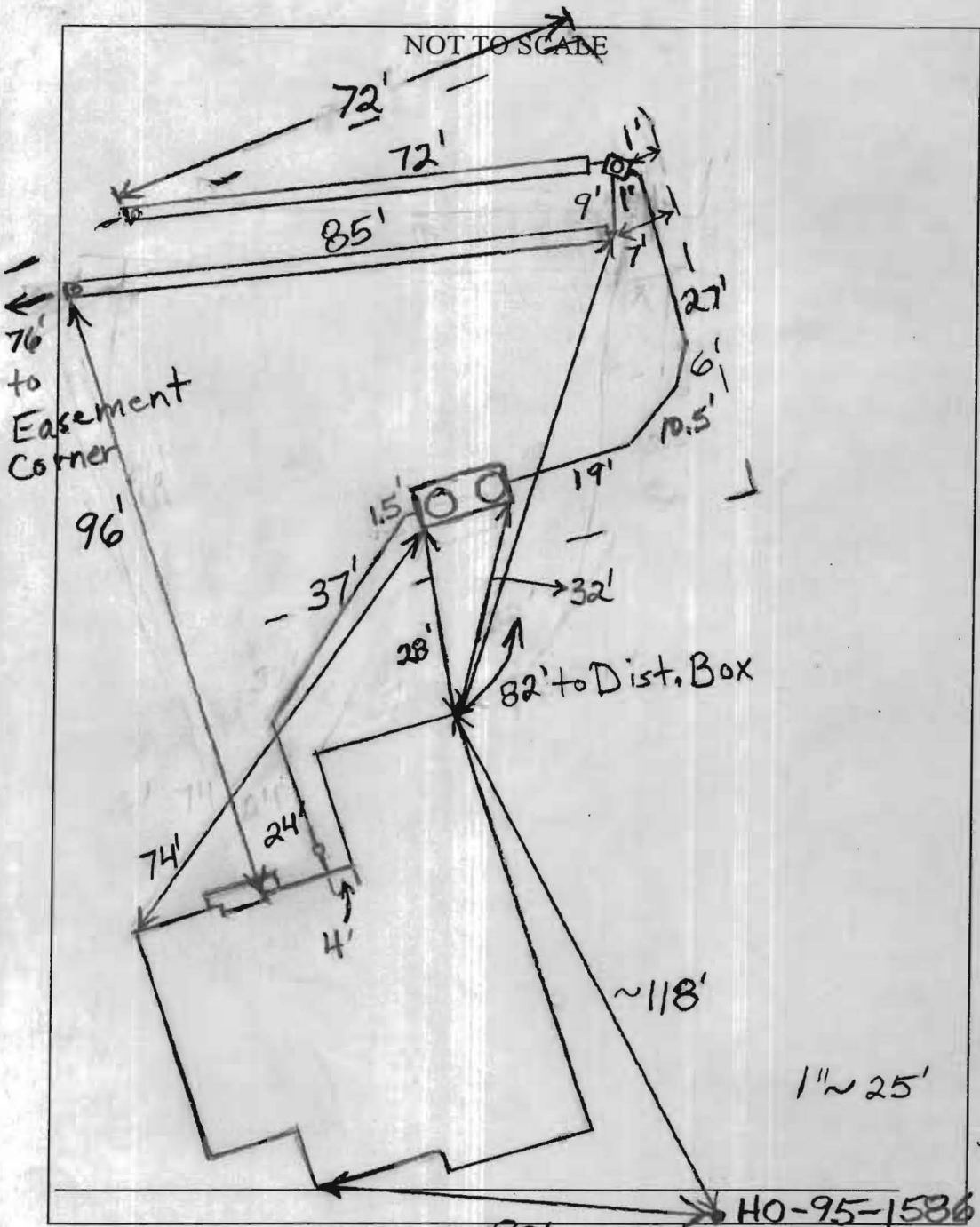
LINEAR FEET OF TRENCH REQUIRED: 170 (150')

TRENCHES:	Trenches to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below grade. Effective area begins at 4 feet below original grade with 4 feet of stone below distribution pipe. <u>5.5'</u>
LOCATION:	Set septic tank and pump tank per layout inspection. Set distribution box near SE septic reserve corner. Install 1x50' and 2x60' trenches on contour.
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake septic 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: ROBERT BRICKER DATE: 4/16/2010

- 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
2	5.5-6'	9'
NUMBER OF TRENCHES 2		
TOTAL LENGTH 157'		
ABSORPTION AREA 550		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5-2.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes
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 _____	

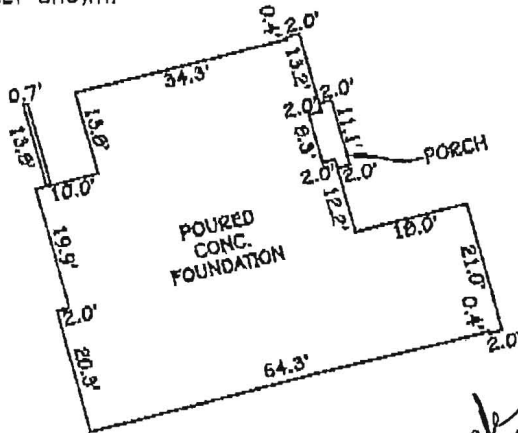
PRE-CONSTRUCTION
 4/22/2010 Made trenches deeper.
 Perc. test notes indicate fairly deep clay. Should

be able to eliminate pump tank if pipe can be kept deep enough through drainage swale. Ejector pump will be installed in basement. (BB) 4/23/10 Trenches installed. Installer couldn't get an inlet of 5' like he said he could. But a pumped system was avoided. Should be able to get to remaining area shallower. Need to finish rest of system. Need house connection. (BB) 4/30/10 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 4/30/10

GENERAL NOTES:

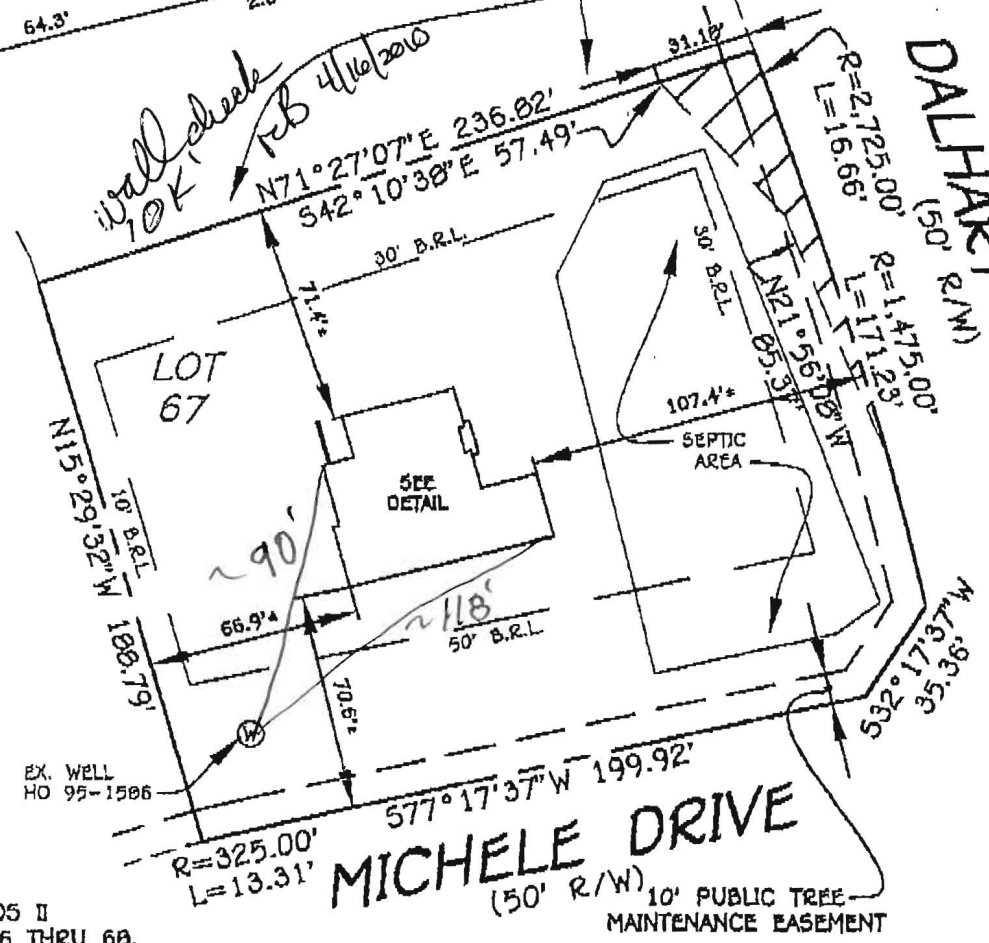
- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INSOFAR AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS 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. 2400440020B 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 1.0'(+).
- 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-95-1506) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



Public Drainage, Stormwater Management Easement, Stormwater Management Facility Jointly Maintained By HCA And Howard County, Maryland. Storm Facility No. 3.

DALHART ROAD
(50' R/W)

PUBLIC DRAINAGE & UTILITY EASEMENT



LOT 67
THE WARFIELDS II
SECTION TWO, LOTS 6 THRU 68,
CEMETERY OPEN SPACE LOT 69,
AND BUILDABLE PRESERVATION PARCEL 'A' AND
NON-BUILDABLE PRESERVATION PARCELS 'B' THRU 'I'
(A RESUBDIVISION OF LOT 3, THE WARFIELDS,
PLAT #9584 AND LIBER 3754, FOLIO 290)
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLATS #20247-20254

B.R.L. = BUILDING RESTRICTION LINE
TOP OF FND. ELEV. = 566.7'

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
BLUCCOTT CITY, MARYLAND 21042
(410) 461-2855

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 3/4/10
FINAL LOCATION: _____
BOUNDARY SURVEY: _____

SCALE: 1"=60'
DATE: 3/09/10
DRAWN BY: VLI
CHECKED BY: MLR
PROJECT No.: 03100-6001

Mark J. Pobel 3/09/10
PROFESSIONAL LAND SURVEYOR DATE
REG. # 339