

LAYOUT 9/1/04 12-1pm INSP 4 _____
INSP 2 9/22/04 INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 8/16/2004

P 520827

APPROVAL DATE: 9/2/04

PERMIT INDEXED

A 47654

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

*Marginal to Poor Soils and Rock in Septic Easement
Suggest Doing Repairs Elsewhere If Possible*

ADDRESS: 13785 Burntwoods Rd, Glenelg PHONE NUMBER: 301-854-6172
IS PERMITTED TO INSTALL ALTER

SUBDIVISION: Waterman Estates LOT NUMBER: 22

ADDRESS: 12451 Petrillo Drive PROPERTY OWNER: Douglas Homes, Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 150 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Run (2) two 80' long trenches 12' center to center at the highest elevation of SDA. Trenches may extend past top right septic stake by 5-10'
NOTES:	Maintain 25' separate distance from man-made or natural swale to septic tank. Basement gravity service not proposed.

PLANS APPROVED: Kacie Noonan Reviewed by: _____ DATE: 10/28/04

NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

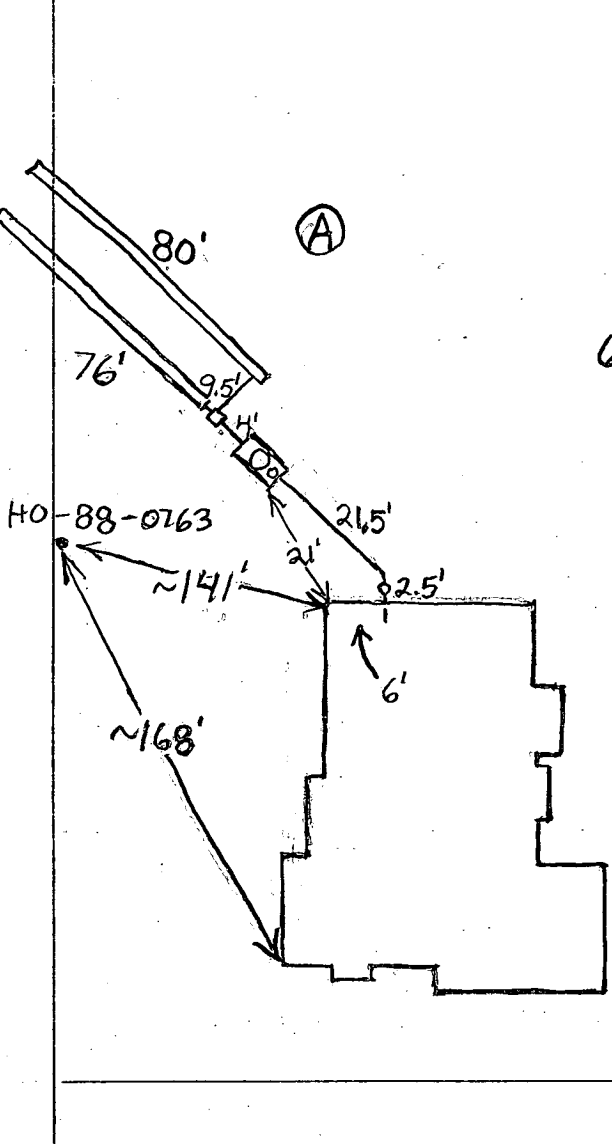
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A47654

NOT TO SCALE

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'	5.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		156'
ABSORPTION AREA		468' + Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2'-2.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____



Soil Profile (A)	
5'	Red Br Cl Loam ~20% Rock
6'-6.5'	Or Br Sa Cl Loam ~20% Rock
7'	Br Sa Loam Vein of Quartzite

PRE-CONSTRUCTION 9/1/04 Tank set. No plumbing installed. Put the

distribution box at the top of the septic easement and run

INSTALLATION 2-75' to 80' trenches away from the house. (BB)

9/2/04 Septic easement full of intermittent veins of quartzite

and deep sandy clay loam. Hatfields hit 2 veins of quartzite

while digging trenches. One was shallow and they dug through

it. The other vein was deeper and they didn't dig through

it completely. Don't know how long trenches will last before

failure - installed in clay loam and sandy clay loam. I had

Hatfields dig a hole in the septic area and they hit a vein of

quartzite at 7' at that spot. Perc. test notes don't appear to match

soil in septic easement. Future repairs should be done somewhere

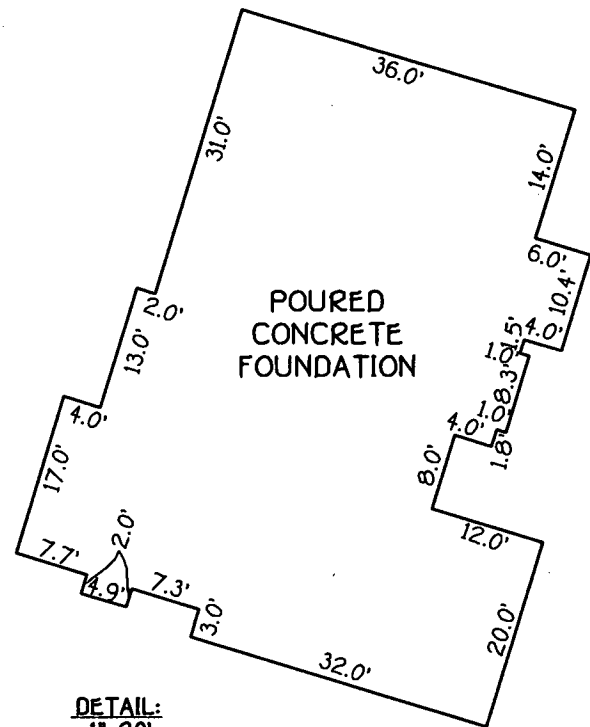
away from the septic easement if possible. (BB)

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 9/2/04

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 COMTEMPLATED 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. 2400440037B 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" (±).
- 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-88-0763) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



DETAIL:
1"=20'

12451 PETRILLO DRIVE
BRL DENOTES BUILDING RESTRICTION LINE
TOP FOUNDATION ELEVATION = 486.6'



Mark L. Robel 8/12/04
PROFESSIONAL LAND SURVEYOR DATE
#339

LOT 22
WATERMAN ESTATES
LOTS 20-26
A RESUBDIVISION OF LOTS 2-4,
10-16 OF SECTION 1 & SECTION 2
AS RECORDED ON PLAT NOS. 7307, 7481 & 7482.
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT 10739

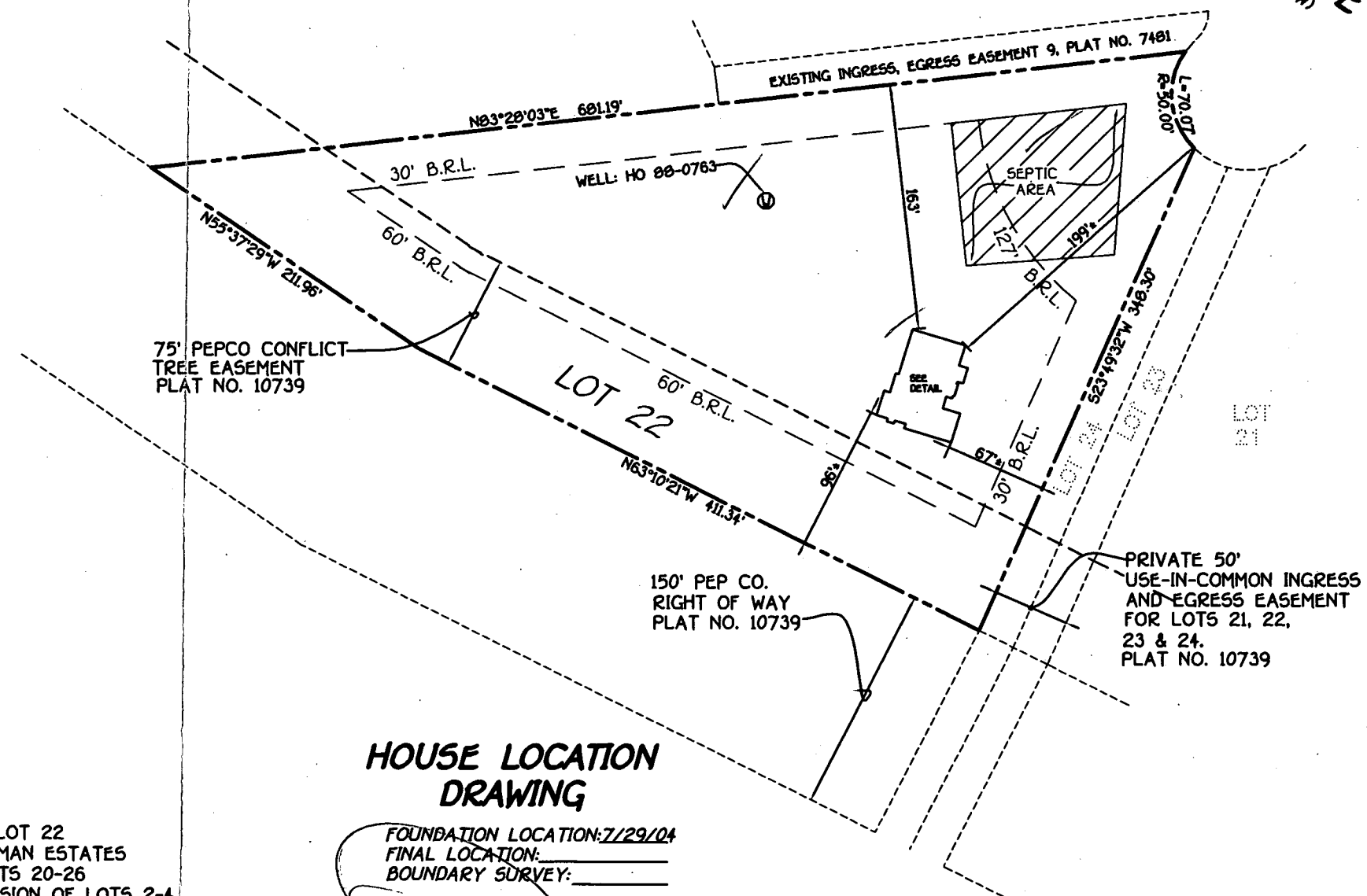
**HOUSE LOCATION
DRAWING**

FOUNDATION LOCATION: 7/29/04
FINAL LOCATION: _____
BOUNDARY SURVEY: _____

SCALE: 1"=100'
DATE: 08/02/04 (Rev. 8/12/04)
DRAWN BY: V.L.J.
CHECKED BY: M.L.R.
PROJECT No.: 61733

*8/12/04
Wall check of
House
Moved
3'20"
2'20"
further from
well & SDA
OK*

PETRILLO DRIVE
(EXISTING 50' R/W)



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 481-2995

LOT 9
3.15 Ac.

LOT 7
3.30 Ac.

LOT 10
3.00 Ac.

LOT 11
3.00 Ac.

LOT 12

PROPOSED
20' STORM DRAIN
EASEMENT

