

LAYOUT 6/17/2010 INSP 4 \_\_\_\_\_  
 INSP 2 6/23/2010 INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: \_\_\_\_\_

# PERMIT

P 533287

APPROVAL DATE: 6/24/2010

A 518641

Tax ID # 03348970

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

Charlie's Bobcat Srv. IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: 410-541-8020

SUBDIVISION: Cloverfield LOT NUMBER: 20

ADDRESS: 13511 Mitchell's Way PROPERTY OWNER: Cloverfield Pfefferkorn

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

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: Unkwn 2' Wide  
5' Inlet

LINEAR FEET OF TRENCH REQUIRED: 200 140 120'  
8' Bottom 6/18/10

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 5.0 feet below original grade. Bottom maximum depth 7.0 feet below grade. Effective area begins at 5.0 feet below original grade with 2.0 feet of stone below distribution pipe.
LOCATION:	Set Septic tank per layout inspection. Set distribution box at the highest point in the center at the top of the easement per layout inspection. Install 280 feet of trench on contour per layout inspection. Install (4) 60 foot trenches and (1) 40 foot trench.
NOTES:	<b>Do not</b> 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: Dana Bernard DATE: 5/6/10

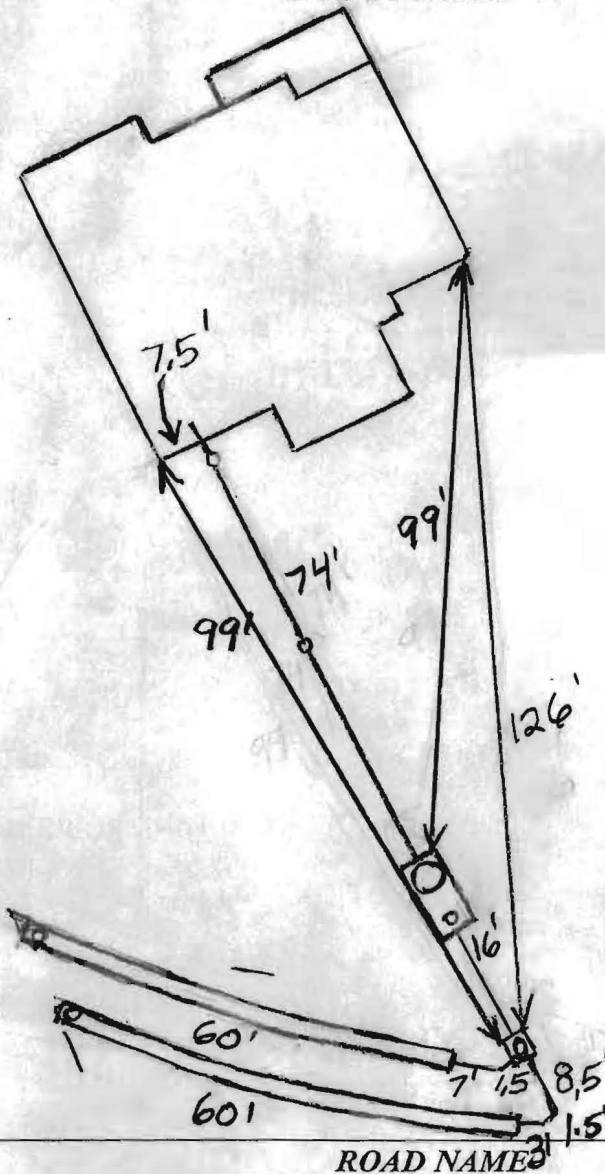
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND 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**

HO-95-0380

NOT TO SCALE

1" = 30'



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	5'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		120'
ABSORPTION AREA		360
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	15'-2'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	5/17/2010
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:

6/17/2010 Layout done (BB)

INSTALLATION:

6/23/2010 Tank set. One trench done. (BB)

6/24/2010 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

6/24/2010

1 OF 3

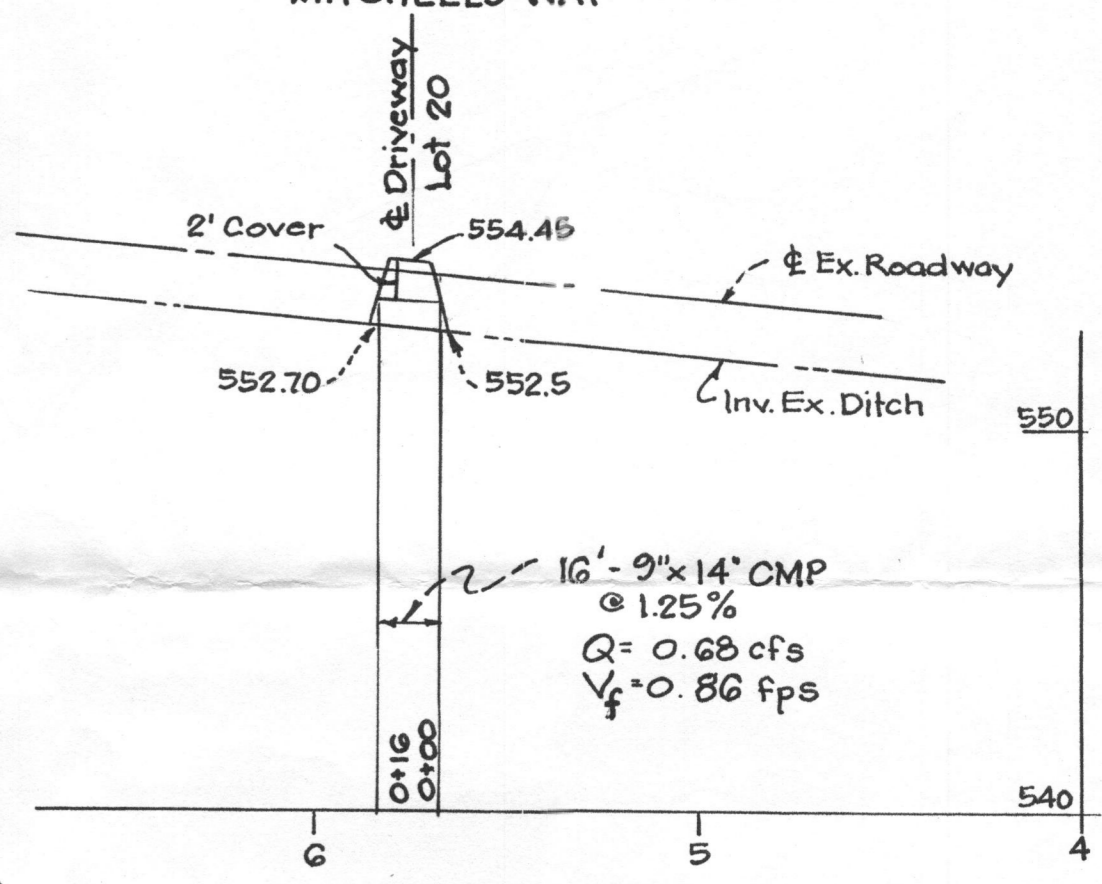
SHEET

SEE

MATCHLINE

PFEFFERKORN ROAD

MITCHELLS WAY



DRIVWAY CULVERT - LOT 20  
Scale: Horiz: 1" = 50'  
Vert: 1" = 5'

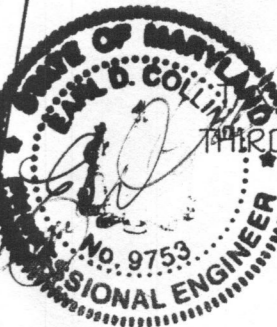
**OWNER/BUILDER/DEVELOPER**  
CATONVILLE BUILDERS  
11175 STRATFIELD COURT  
MARRIOTTVILLE, MARYLAND 21104  
410-442-2211

**SITE DEVELOPMENT,  
SEDIMENT/EROSION CONTROL PLAN  
SINGLE FAMILY DETACHED  
CLOVERFIELD**

LOTS 3-8, 11, 13, 18, 20 & 21  
PLAT NO'S. 10953-10959

MAP NO.: 15 GRID NO.: 8 PARCEL NO.: 4  
ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' DATE: MARCH, 2010

SHEET 2 OF 3



**NOTE:**  
Stormwater Management is provided under F-02-11Q per Ho. Co. 4 Md. 378 spec. Recharge volume will be provided through grass channels next to the roadway. Protection volume provided by micro pool extended detention pond, pocket pond & infiltratable dry wells. 25 year SWM volume provided within BMP No. 1. Extreme Flood volume is not required for this site

**NOTE**  
The existing wells shown on this plan HO-95-0381, HO-95-0380, HO-95-0363, HO-95-0364, HO-95-0365 & HO-95-0368 have been located by Fisher Collins & Carter, Inc. professional land surveyors and are accurately shown.

**BUILDER/DEVELOPER'S CERTIFICATE**  
"I/We certify that all development and construction will be done according to this plan, for sediment and erosion control and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

*[Signature]* 3/19/10  
Signature of Developer Date

**ENGINEER'S CERTIFICATE**  
"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

*[Signature]* 3/19/10  
Signature of Engineer EARL D. COLLINS Date

1. Rev. Lot 20 hse type 4 qrd., show sep. tk. & inv. elev. for bldg. permit 4-1-10  
REVISION

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

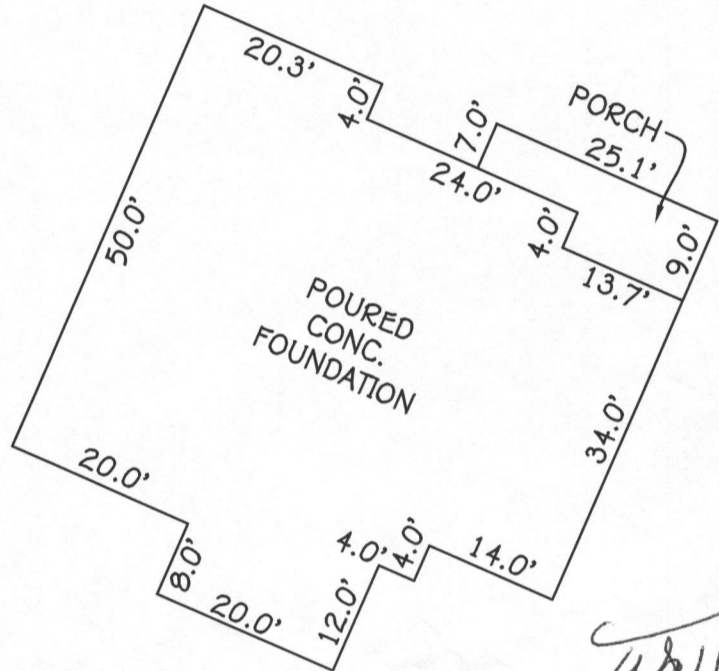
*[Signature]* 3/23/10  
Howard SCD Date

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10277 BALTIMORE NATIONAL FREE  
LUXEY CITY, MARYLAND 21042  
(410) 461-2292

GP-10-72

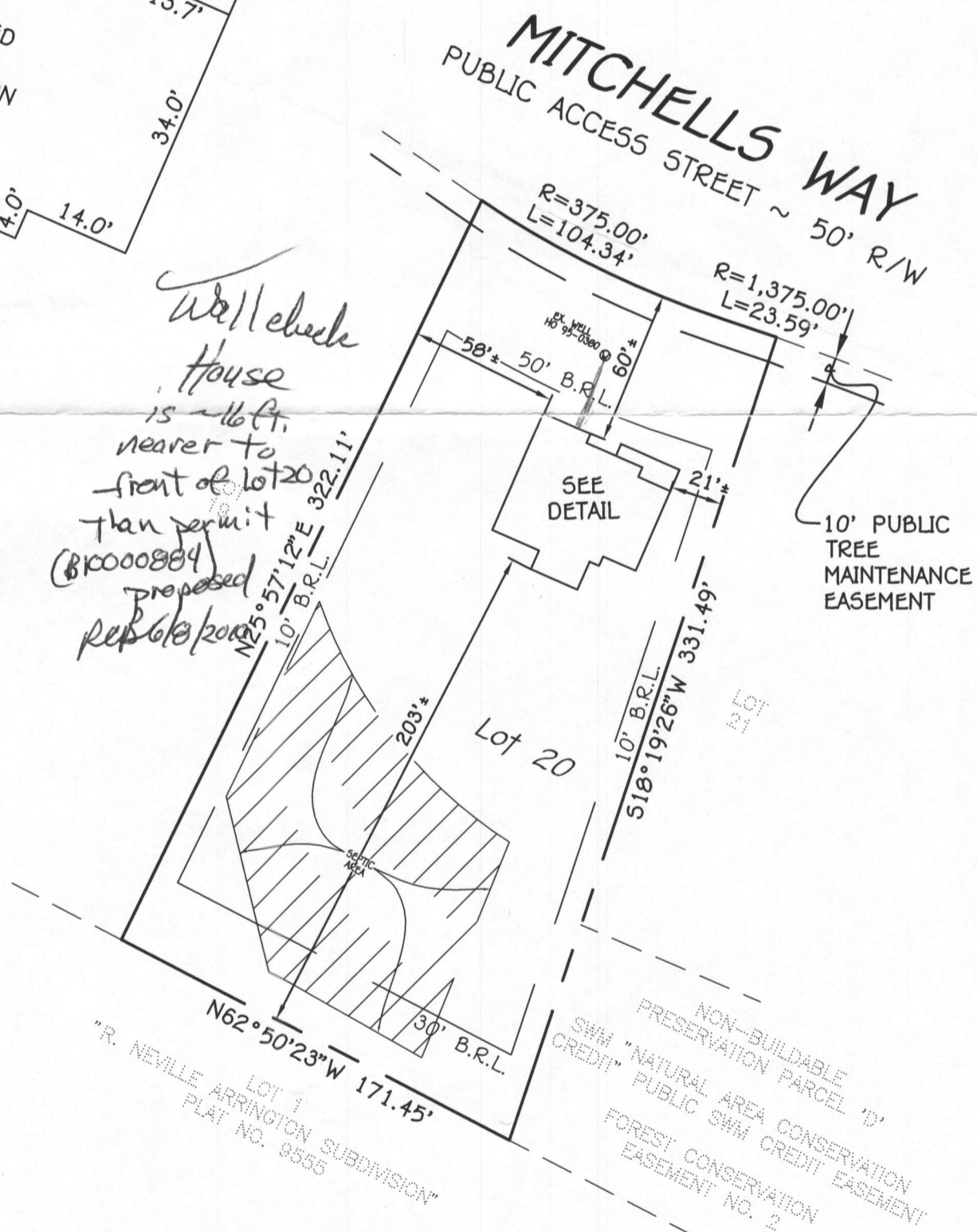
**GENERAL NOTES:**

- 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. 2400440015 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 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-95-0380) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



DETAIL:  
1"=20'

*Well check  
House  
is ~16ft.  
nearer to  
front of lot 20  
than permit  
(B10000884)  
proposed  
Rep 6/6/2010*



*Mark L. Robel* 6/07/10  
PROFESSIONAL LAND SURVEYOR DATE  
REG. # 339

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042

LOT 20  
CLOVERFIELD  
LOTS 1-21, BUILDABLE  
PRESERVATION PARCEL A,  
NON-BUILDABLE PRESERVATION  
PARCELS B-E & NON-BUILDABLE  
BULK PARCEL F  
3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT #18953-18959  
#13511 MITCHELLS WAY  
B.R.L.= BUILDING RESTRICTION LINE  
TOP OF FOUNDATION ELEV.= 556.1'±  
BUILDING PERMIT #B10000884

**HOUSE LOCATION  
DRAWING**

FOUNDATION LOCATION: 6/2/10  
FINAL LOCATION: \_\_\_\_\_  
BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=60'  
DATE: 6/7/10  
DRAWN BY: VLI  
CHECKED BY: MLR  
PROJECT No.: 30757-1001