

LAYOUT 3/24/10 INSP 4 _____
 INSP 2 3/25/10 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 3/22/10

P 532559

APPROVAL DATE: 3/31/10

A _____

PERMIT

Tax ID # 03348903

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

Charlies' Bobcat IS PERMITTED TO INSTALL ALTER

ADDRESS: 13 Energetic Endeavor Drive, Sykesville PHONE NUMBER: 410-549-8020

SUBDIVISION: Cloverfield LOT NUMBER: 14

ADDRESS: 13555 Mitchell's Way PROPERTY OWNER: Cloverfield Pfeffercorn

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: >3,500

LINEAR FEET OF TRENCH REQUIRED: 2 1/3 175
 ~ 88 ton stone.

TRENCHES:	Trenches to be 2.0 feet wide. Inlet <u>4</u> feet below original grade. Bottom maximum depth <u>8</u> feet below grade. Effective area begins at 4.0 feet below original grade with <u>4</u> feet of stone below distribution pipe.
LOCATION:	Set septic tank 30' from foundation per layout inspection. Set distribution box 50' or 60' from south septic reserve corner per layout inspection. Install 2x50' 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 *(KW)* DATE: 2/19/10

- 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

NOT TO SCALE

See Separate Sheet
for As-Built

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2	4'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		180'
ABSORPTION AREA		360 + SW
DISTRIBUTION BOX LEVEL		Leach
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Baylor
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	
BAFFLES	Yes
BAFFLE FILTER	
MANHOLE LOC	Front/Rear
6" PORT LOC	None
WATERTIGHT TEST	N/A
SLOTTED	Yes 3/2/10

RUMP/SEPTIC TANK LEVEL

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	

PRE-CONSTRUCTION (HAM)

3/24/10 Tank location given. Come further away from house as shown in approved BP plan. No transit on-site. (KIM)

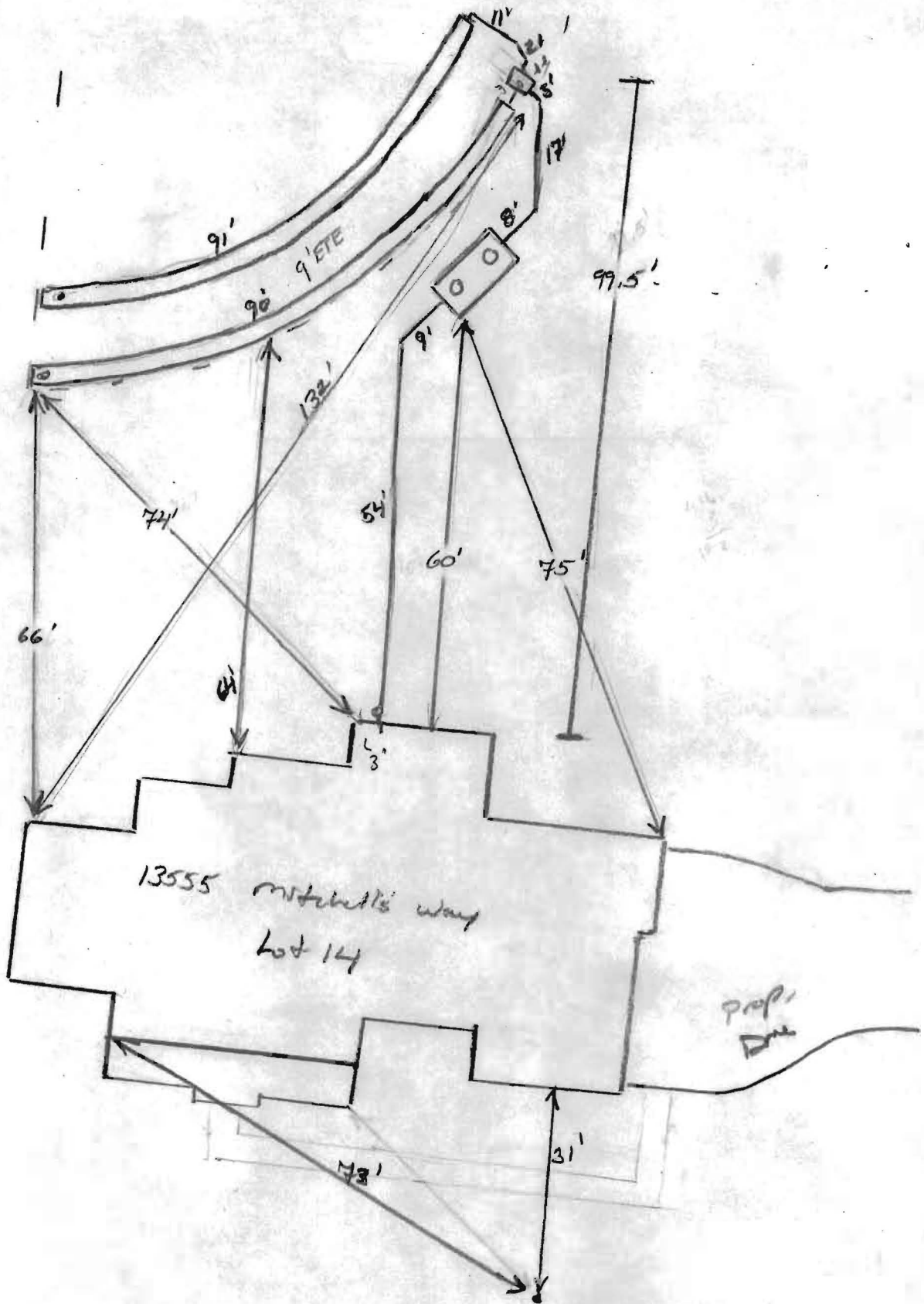
INSTALLATION: 3/25/10 (zpm) Contractor had already started install of dig trench. Verified elevations w/ laser. Looks OK. In done. ST set w/ house connection. No D box. (KIM) 3/26/10 Insp. cancelled by contractor due to weather. (KIM)

3/31/10 Bottom trench complete. Stone looks good. D box work OK to backfill all work. (KIM)

FINAL INSPECTOR J. Vay DATE OF APPROVAL 3/31/10

NOT TO SCALE

Prop. Line bc.



13555 Mitchell's Way
Lot 14

Prop. Line

HO-95-0344



North America

WEIGHMASTER PLANT ID MEDFORD PLANT

TICKET NO. 225599

PSCHEELE 30613 1111 MEDFORD ROAD, NEW WINDSOR,

DATE / TIME IN TIME OUT

ORDER NO. LOCATION Plant Phone : 410-876-6534

03/26/2010 10:38

Dispatch Phone : 410-848-6867

CUSTOMER ID CUSTOMER NAME

3290350 CHARLIE'S BOBCA

69860 lb GROSS 31688 kg MAX GVW

30580 lb TARE 13871 kg 70000 lb

P.O. NUMBER JOB NUMBER QUOTE #

410141

39280 lb NET 17817 kg

19.64 TN 17.82 TM

JOB ADDRESS ZONE # HIRED ID HIRED ID DESC TRUCK ID TRUCK DESC

CLOVERFIELD

OWN CUSTOMER OWN 5033 CHARLIE'S BOBCAT

DELIVERY INSTRUCTIONS DELIVERY

2010 MARYLAND VARIOUS-AGGREGAT

N

125ED43

*Price/Subtotal/Tax/Total in \$

PRODUCT ID	PRODUCT DESCRIPTION	QTY	QTY TODAY	LOAD #	UOM	PRICE	SUB TOTAL	TAX	TOTAL
AG7012	ASTM #3	19.64	19.64	1	TN				

*NOTE: US scales weighed in lb/CA scales weighed in kg; tare weights are stored

STANDBY TIME APPROVAL STANDBY TIME

Empty box for standby time approval

RECEIVED BY DRIVER'S SIGNATURE

Signature of Mike [unclear]

C3921313



Caterpillar Hoes

North America

TICKET NO.

225537

WEIGHMASTER PLANT ID MEDFORD PLANT

PSCHEELE 30613 1111 MEDFORD ROAD, NEW WINDSOR,

NO DATE 76 TIME IN TIME OUT

ORDER NO. LOCATION Plant Phone : 410-876-6534

03/25/2010 14:34

2241 Dispatch Phone : 410-848-6867

CUSTOMER ID CUSTOMER NAME

3290350 CHARLIE'S BOBCA

69020 lb GROSS 31307 kg MAX GVW

30580 lb TARE 13871 kg 70000 lb

P.O. NUMBER JOB NUMBER QUOTE #

410141

38440 lb NET 17436 kg

19.22 TN 17.44 TM

JOB ADDRESS ZONE # HIRED ID HIRED ID DESC TRUCK ID TRUCK DESC

CLOVERFIELD OWN CUSTOMER OWN 5033 CHARLIE'S BOBCAT

DELIVERY INSTRUCTIONS DELIVERY

125ED43

2010 MARYLAND VARIOUS-AGGREGAT

N

*Price/Subtotal/Tax/Total in \$

PRODUCT ID	PRODUCT DESCRIPTION	QTY	QTY TODAY	LOAD #	UOM	PRICE	SUB TOTAL	TAX	TOTAL
AG7012	ASTM #3	19.22	75.80	4	TN				

*NOTE: US scales weighed in lb/CA scales weighed in kg; tare weights are stored

STANDBY TIME APPROVAL	STANDBY TIME

RECEIVED BY	DRIVER'S SIGNATURE
	<i>AI</i>

C3921271



Caterpillar Hoops

North America

TICKET NO. 225538

WEIGHMASTER	PLANT ID	MEDFORD PLANT
PSCHEELE	30613	1111 MEDFORD ROAD, NEW WINDSOR,
ORDER NO.	LOCATION	Plant Phone : 410-876-6534
2241		Dispatch Phone : 410-848-6867

ID	DATE / G	TIME IN	TIME OUT
	03/25/2010		12:57

CUSTOMER ID	CUSTOMER NAME	
3290350	CHARLIE'S BOBCA	
P.O. NUMBER	JOB NUMBER	QUOTE #
		410141

68200 lb	GROSS	30935 kg	MAX GW
30580 lb	TARE	13871 kg	70000 lb
37620 lb	NET	17064 kg	
18.81 TN		17.06 TN	

JOB ADDRESS	ZONE #	HIRED ID	HIRED ID DESC	TRUCK ID	TRUCK DESC
CLOVERFIELD		OWN	CUSTOMER OWN 5033	125ED43	CHARLIE'S BOBCAT

DELIVERY INSTRUCTIONS	DELIVERY
2010 MARYLAND VARIOUS-AGGREGAT	N

*Price/Subtotal/Tax/Total in \$

PRODUCT ID	PRODUCT DESCRIPTION	QTY	QTY TODAY	LOAD #	UOM	PRICE	SUB TOTAL	TAX	TOTAL
A87012	ASTM #3	18.81	56.58	3	TN				

*NOTE: US scales weighed in lb/CA scales weighed in kg; tare weights are stored

STANDBY TIME APPROVAL	STANDBY TIME

RECEIVED BY	DRIVER'S SIGNATURE
	<i>[Signature]</i>

C3921252



Caterpillar Head

North America

TICKET NO. 225499

WEIGHMASTER	PLANT ID	MEDFORD PLANT
PSCHEELE	30613	1111 MEDFORD ROAD, NEW WINDSOR,
ORDER NO.	LOCATION	Plant Phone : 41-876-6534
		Dispatch Phone : 410-848-6867

DATE	TIME IN	TIME OUT
03/25/2010		9:45

CUSTOMER ID	CUSTOMER NAME	
3290350	CHARLIE'S BOBCA	
P.O. NUMBER	JOB NUMBER	QUOTE #
		410141

68240 lb	GROSS	30953 kg	MAX GVW
30580 lb	TARE	13871 kg	70000 lb
37680 lb	NET	17082 kg	
18.83 TN		17.08 TM	

JOB ADDRESS	ZONE #	HIRED ID	HIRED ID DESC	TRUCK ID	TRUCK DESC
CLOVERFIELD		OWN	CUSTOMER OWN 5033	125ED43	CHARLIE'S BOBCAT
DELIVERY INSTRUCTIONS	DELIVERY				
2010 MARYLAND VARIOUS-AGGREGATES	N				

*Price/Subtotal/Tax/Total in \$

PRODUCT ID	PRODUCT DESCRIPTION	QTY	QTY TODAY	LOAD #	UOM	PRICE	SUB TOTAL	TAX	TOTAL
AG7012	ASTM #3	18.83	18.83	1	TN				

#NOTE: US scales weighed in lb/CA scales weighed in kg; tare weights are stored

STANDBY TIME APPROVAL	STANDBY TIME

RECEIVED BY	DRIVER'S SIGNATURE
	<i>[Signature]</i>

C3921213



Charlie's Bobcat

North America

TICKET NO. 225516

WEIGHMASTER	PLANT ID	MEDFORD PLANT
PSCHEELE	30613	1111 MEDFORD ROAD, NEW WINDSOR,

DATE / 6	TIME IN	TIME OUT
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ORDER NO.	LOCATION	Plant Phone : 410-876-6534
2241		Dispatch Phone : 410-848-6867

03/25/2010	11:21
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CUSTOMER ID	CUSTOMER NAME
3290350	CHARLIE'S BOBCAT

68460 lb	GROSS	31053 kg	MAX GVW
30580 lb	TARE	13871 kg	70000 lb
37880 lb	NET	17182 kg	
18.94 TN		17.18 TN	

P.O. NUMBER	JOB NUMBER	QUOTE #
		410141

JOB ADDRESS	ZONE #	HIRED ID	HIRED ID DESC	TRUCK ID	TRUCK DESC
CLOVERFIELD		OWN	CUSTOMER OWN	5033	CHARLIE'S BOBCAT

DELIVERY INSTRUCTIONS	DELIVERY
2010 MARYLAND VARIOUS-AGGREGAT	N

125ED43

*Price/Subtotal/Tax/Total in \$

PRODUCT ID	PRODUCT DESCRIPTION	QTY	QTY TODAY	LOAD #	UOM	PRICE	SUB TOTAL	TAX	TOTAL
AB7012	ASTM #3	18.94	37.77	2	TN				

*NOTE: US scales weighed in lb/CA scales weighed in kg; tare weights are stored

STANDBY TIME APPROVAL	STANDBY TIME

RECEIVED BY	DRIVER'S SIGNATURE
	<i>[Signature]</i>

C3921230

REVISED PERCOLATION CERTIFICATION NOTES

1. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET (OR IF PRIOR TO MARCH 1972, AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND TWO REPLACEMENT SYSTEMS, AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDED OF A MODIFIED SEWAGE SHALL NOT BE NECESSARY.
2. TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS (ONE-FOOT INTERVALS ARE REQUIRED FOR MOUND SYSTEMS AND SYSTEMS WITH PIPE DEPTH LESS THAN TWO FEET) AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
3. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
4. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
5. THE PURPOSE FOR THIS REVISION IS TO ADD TWO ALTERNATE WELL LOCATIONS AND REMOVE WELL BOX.
6. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT NO. 18955. REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS ANY RESTRICTIONS, AND PROVISIONS.

PERC CERTIFICATION

I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

SIGNATURE OF PROFESSIONAL LAND SURVEYOR _____ DATE _____
 TERRELL A. FISHER, PROFESSIONAL LAND SURVEYOR NO. 10692

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER _____ DATE _____

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES 15% - 24.9% SLOPES
- DENOTES 25% AND GREATER SLOPE

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
EX-55'	EXISTING SUPER SILT FENCE
SS'	SUPER SILT FENCE
LOD	LIMITS OF DISTURBANCE
WOB	WALKOUT BASEMENT
○	EXISTING STREET TREES FROM F-06-110

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT. 1 DAY
2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN. 1 DAY
3. CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO FINISH. 1 DAY
4. INSTALL TEMPORARY SEEDING. 1 DAY
5. CONSTRUCT BUILDINGS. 2 MONTHS
6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE. 1 DAY
7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR. 2 DAYS

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT. APPROVED.

John R. Polster 8/21/09 DATE
 HOWARD COUNTY SOIL CONSERVATION DISTRICT

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN 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 COUNTY SOIL CONSERVATION DISTRICT."

Earl D. Collins 8/21/09 DATE
 SIGNATURE OF DEVELOPER

ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."

Earl D. Collins 8/21/09 DATE
 EARL D. COLLINS

PROFESSIONAL CERTIFICATION

"I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9753, EXPIRATION DATE: 2/28/10."

Earl D. Collins 8/21/09 DATE
 EARL D. COLLINS

BUILDER/DEVELOPER

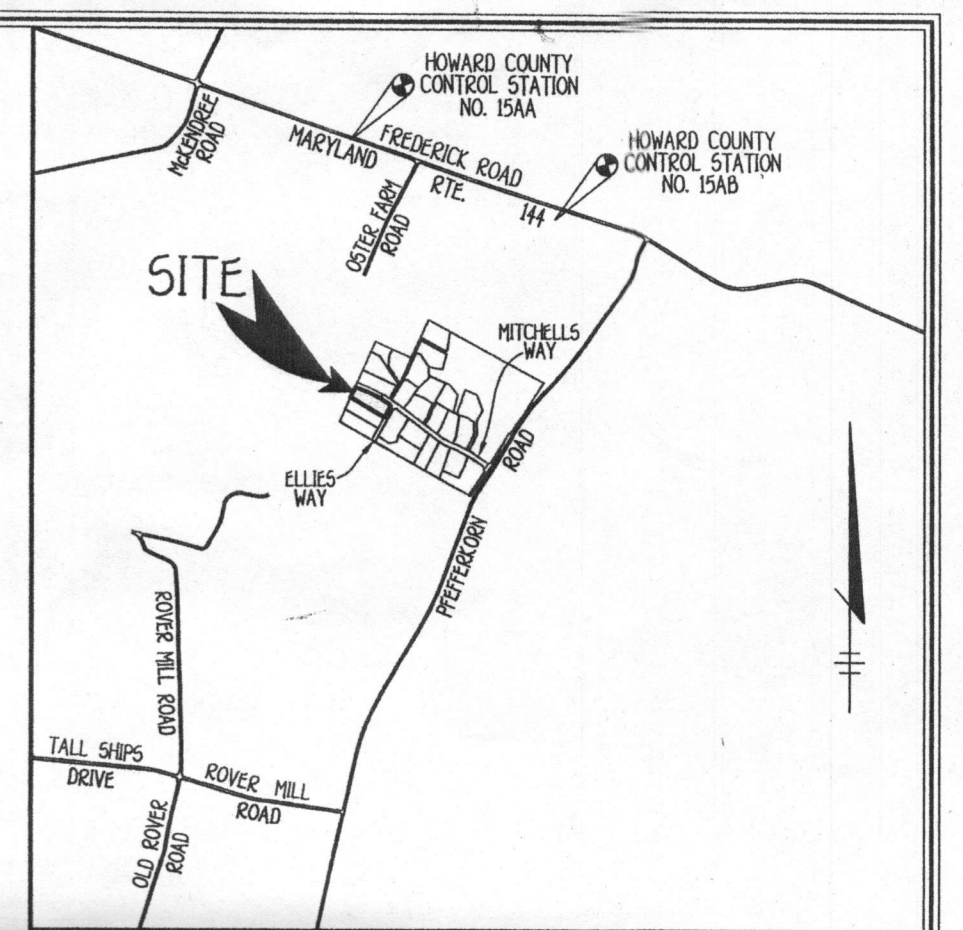
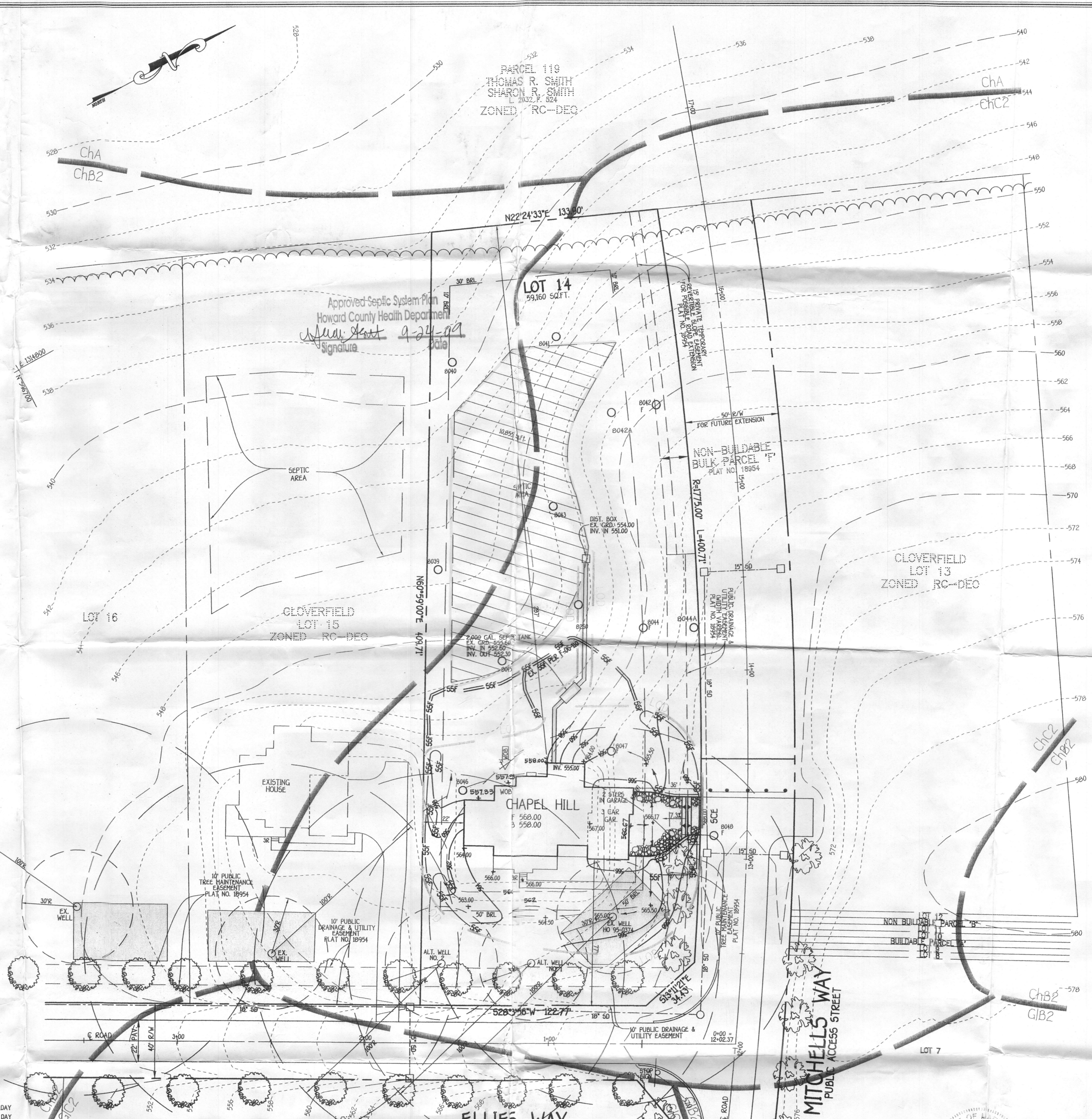
CATONVILLE BUILDERS
 1175 STRATFIELD COURT
 MARRIOTTVILLE, MARYLAND 21044
 410-442-2211

PERC CERTIFICATION, SITE DEVELOPMENT, SEDIMENT/EROSION CONTROL PLAN CLOVERFIELD LOT 14

ZONED: RC-DEO PLAT NO. 18955
 TAX MAP NO. 15 PARCEL NO. 4 GRID NO. 8
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: AUGUST, 2009

SHEET 1 OF 2

GP 10-15



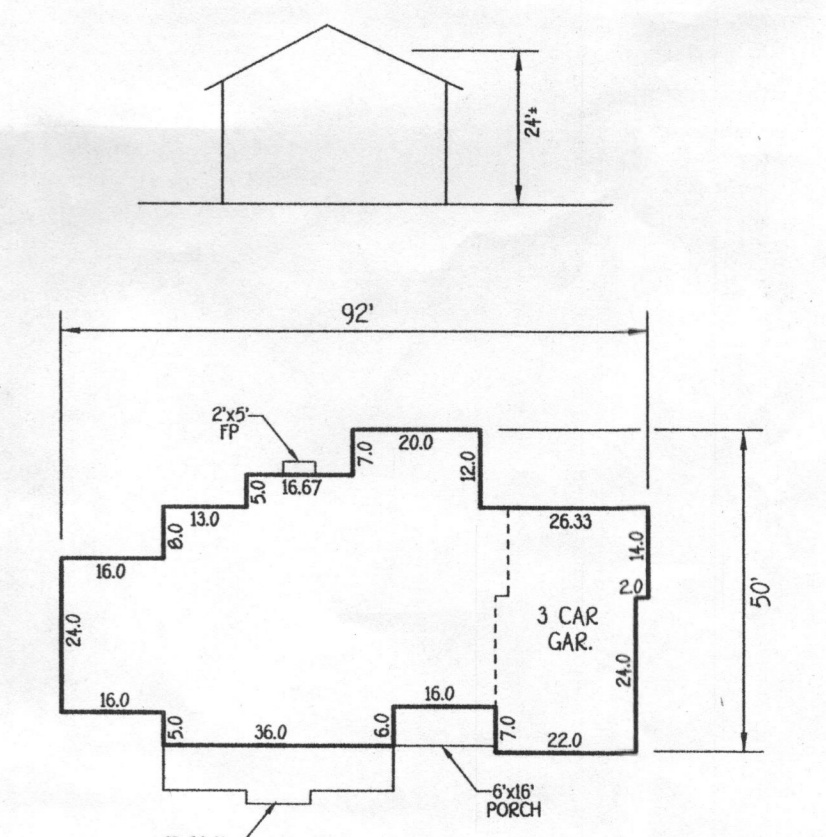
VICINITY MAP
 SCALE: 1" = 2,000'

GENERAL NOTES

1. SUBJECT PROPERTY ZONED: RC-DEO
2. TOTAL AREA OF PROPERTY: 59,160 SQ.FT.
3. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT REVIEW.
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. FIELD RUN TOPOGRAPHIC SURVEY DONE BY FISHER, COLLINS & CARTER, INC. ON APRIL, 2002.
7. NO WETLANDS CURRENTLY EXIST ON THE PROPERTY.
8. DRIVEWAY CULVERTS SHALL BE CONSTRUCTED AT SITE DEVELOPMENT PLAN STAGE IN ACCORDANCE WITH APPROVED CULVERT SIZE SHOWN ON F-01-191.
9. STORMWATER MANAGEMENT IS PROVIDED UNDER F-06-110.

NOTE

THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HD 95-0374 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



CHAPEL HILL
 SCALE: 1" = 30'

