

LAYOUT 8/15/05 11 Am INSP 4 \_\_\_\_\_  
 INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 7/18/05  
 APPROVAL DATE: 8/16/05

P 522958  
 A 513618-LL

**PERMIT**  
**INDEXED**

TAX ID # 05-437091

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

Hatfield's Equipment IS PERMITTED TO INSTALL  ALTER

ADDRESS: 13785 Burntwoods Road PHONE NUMBER: 410-531-6773

SUBDIVISION: Buckskin Ridge LOT NUMBER: 36

ADDRESS: 4312 Buckskin Wood Drive PROPERTY OWNER: Columbia Builders, Inc.

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 150

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at least 5' from the septic tank and at the highest elevation in SDA.
NOTES:	

PLANS APPROVED: Kevin J. Bell / f.y. DATE: 12/22/2004 12/23/05

- 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 UNLESS SPECIFICALLY AUTHORIZED

**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**

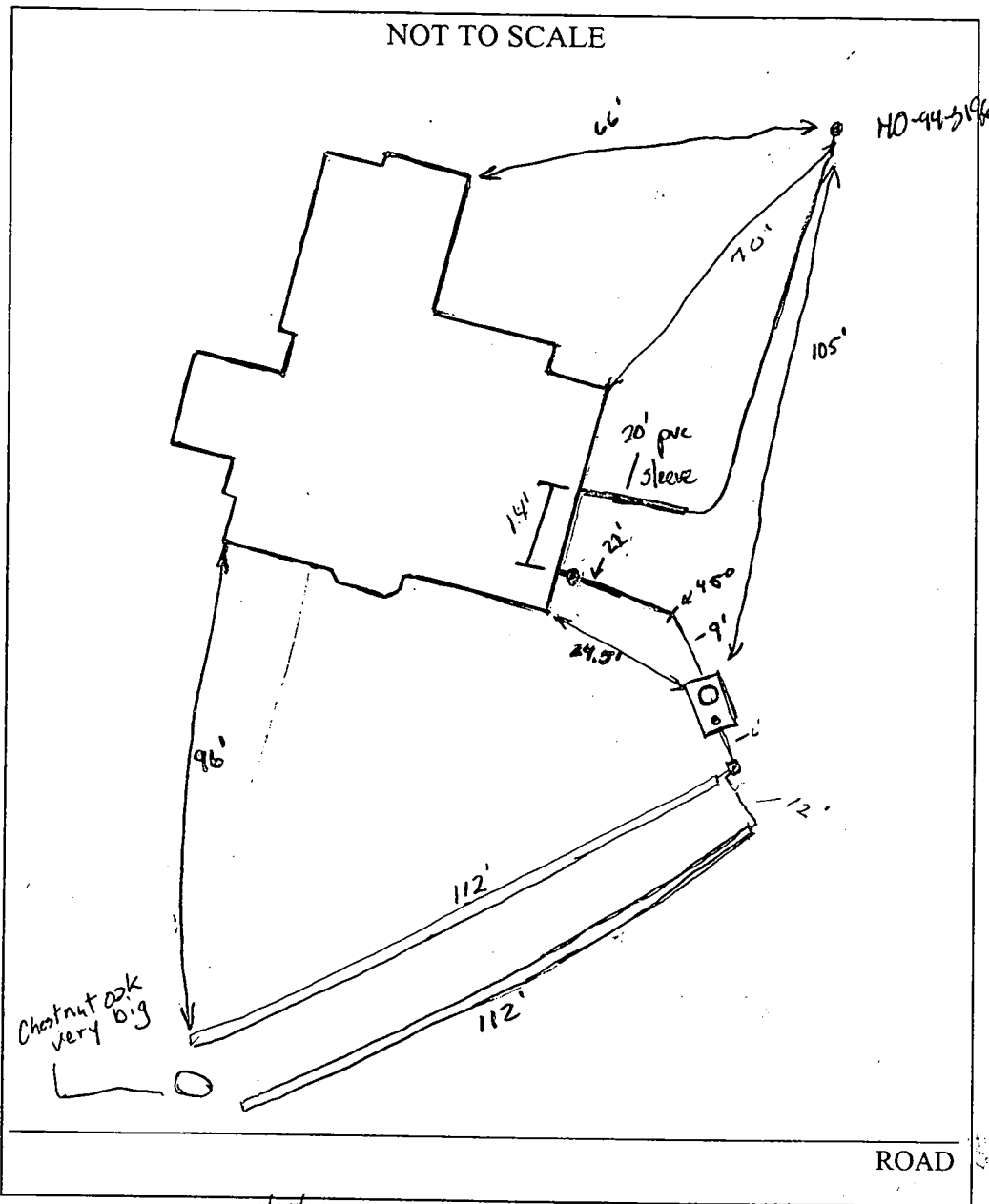
**BUILDING PERMITS SIGNED** CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

**AND RETURNED**

11/10/05 800 157975-DECK

A 513618-LL

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		224'
ABSORPTION AREA		896 <del>sq</del>
DISTRIBUTION BOX LEVEL		speed levelers
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		✓

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1 1/2' 2 1/2'
BAFFLES	✓
BAFFLE FILTER	N/A
MANHOLE LOC	Inlet
6" PORT LOC	Outlet
WATERTIGHT TEST	N/A
SEPTIC TANK 2 LEVEL	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION <sup>8/15/05</sup> Specs changed 8' bottom 4" inlet 224' trenches.

7 x 112' <sup>creighton</sup> ~~per B. Baker~~  
 INSTALLATION 8/16/05 System is installed per instruction. ok to cover, ends of trenches slightly out of area. GAC

FINAL INSPECTOR Adrienne Creighton DATE OF APPROVAL 8/16/05



# HOWARD COUNTY HEALTH DEPARTMENT

22958

DATE  
7/18/05

As

Received From Hatfields Equipment & Medication Service PHONE #

13785 Runwood Rd. Glenlyon MD 21737

For Septic Service

43129 Buckskin Road

2 of 30

CASH

CHECK

NO.

2030

Three hundred thirty six and 00/100 Dollars

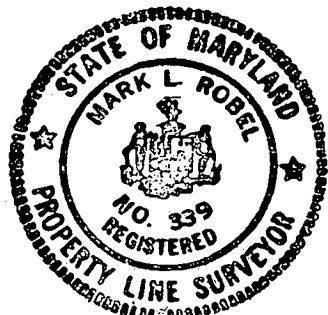
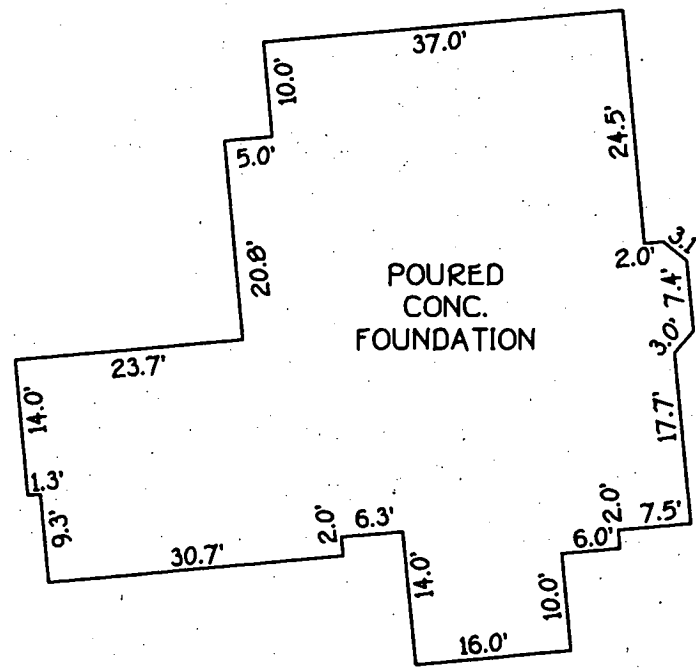
\$ 336.00

Received By

*[Signature]*

**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. 2400440021B 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-CO-3196 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



*Mark L. Robel*  
 PROFESSIONAL LAND SURVEYOR  
 REG. • 339  
 DATE 2/08/05

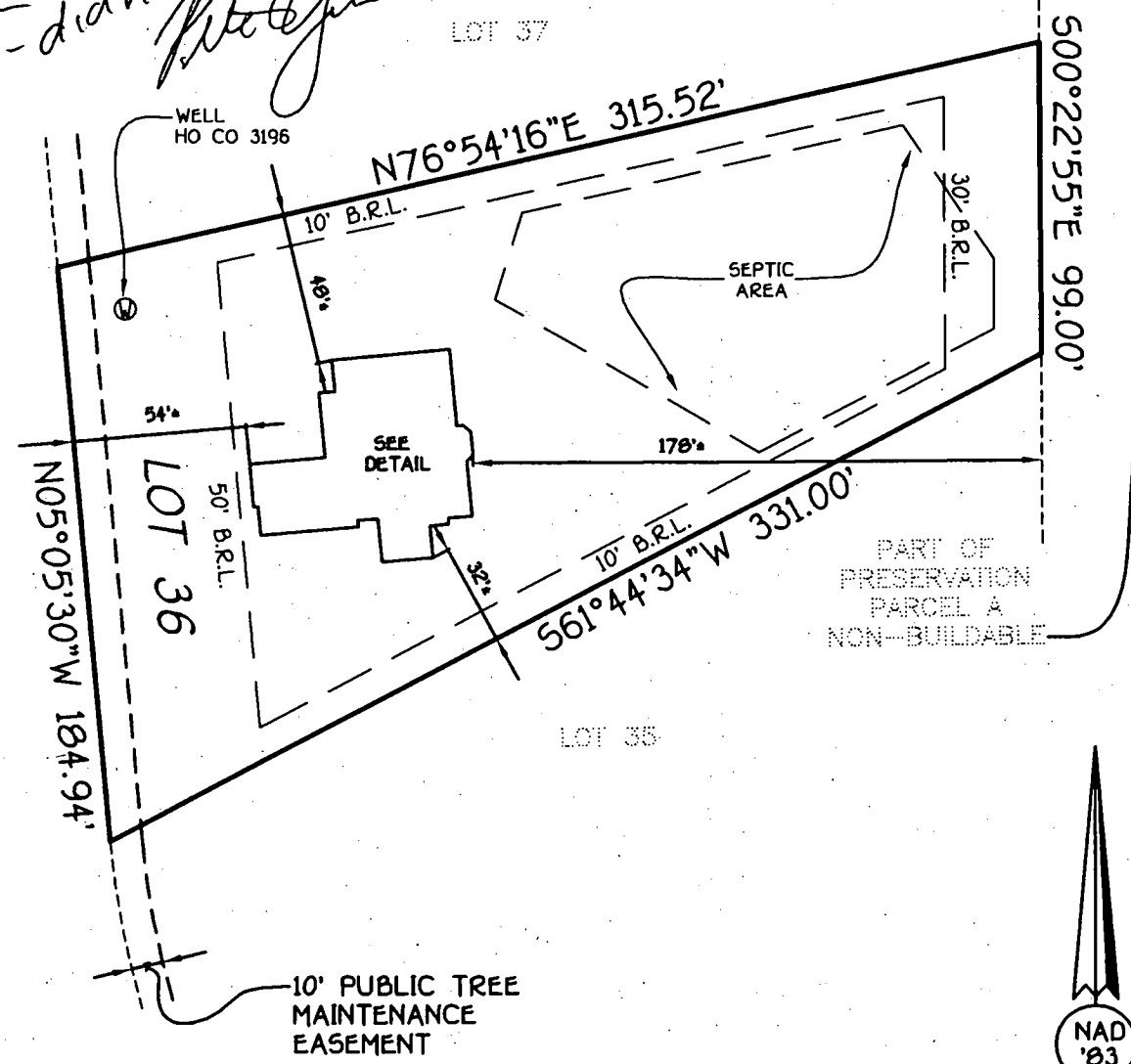
DETAIL:  
 1"=20'

\*4312 BUCKSKIN WOOD DRIVE  
 B.R.L. = BUILDING RESTRICTION LINE  
 TOP OF FOUNDATION ELEV. 645.1'

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

**BUCKSKIN WOOD DRIVE**  
 (PUBLIC ACCESS STREET)  
 50' R/W

*well & wall check OK - did not move. 2/23/05*



**HOUSE LOCATION DRAWING**

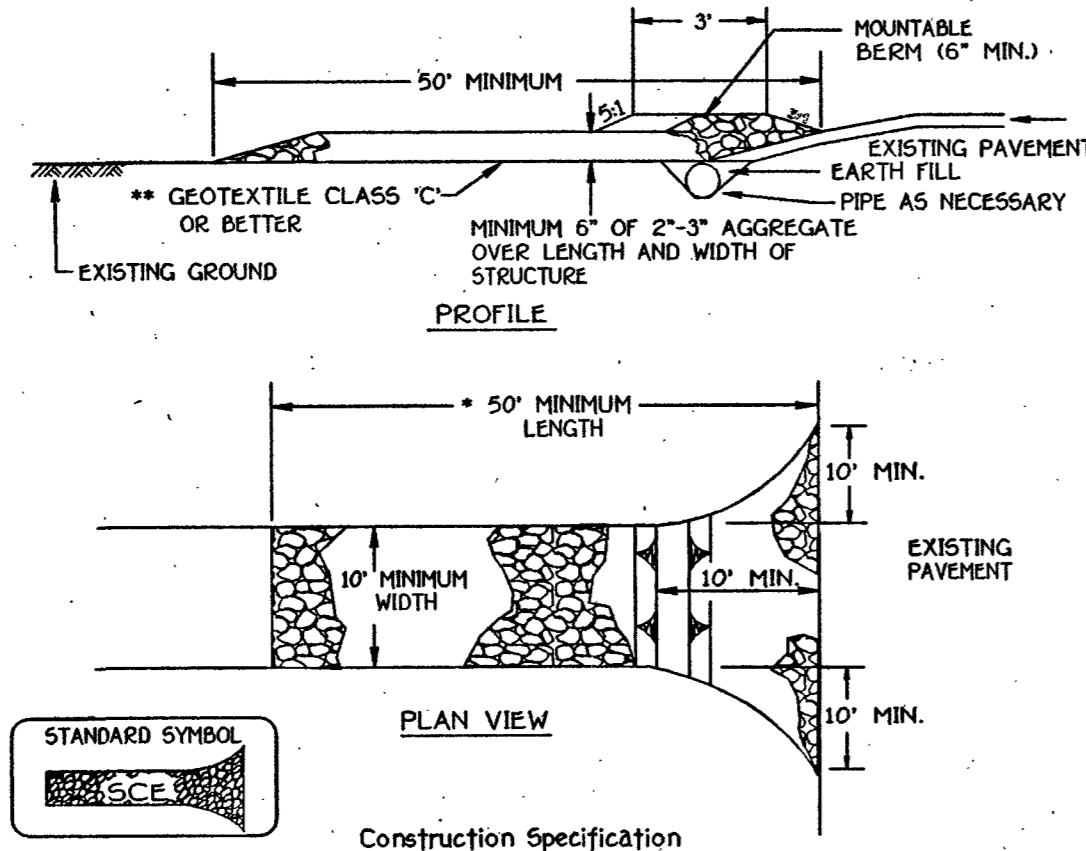
FOUNDATION LOCATION: 2/07/05  
 FINAL LOCATION: \_\_\_\_\_  
 BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=60'  
 DATE: 02/08/05  
 DRAWN BY: V.L.J.  
 CHECKED BY: M.L.R.  
 PROJECT No.: 61700



**SEDIMENT CONTROL NOTES**

- A minimum of 48 hours notice must be given to the HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (03-1999).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT HAZARD AND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERE TO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN A 7 CALENDAR DAYS FOR ALL PERMITTED SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1 IN 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE PERFORC AND WARNING SIGNS POSTED AROUND THESE PERFORC IN ACCORDANCE WITH M.C. 11, CHAPTER 25, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 HAZARD AND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 20, 500 SEC. 54), TEMPORARY SEEDING (SEC. 20, 500 SEC. 55), TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER SEEDING AND ESTABLISHMENT OF GRASS.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMSSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
7. SITE ANALYSIS:
  - TOTAL AREA OF SITE: 0.996 ACRES
  - AREA TO BE ROOFED OR PAVED: 0.344 ACRES
  - AREA TO BE VEGETATIVELY STABILIZED: 0.232 ACRES
  - TOTAL CUT: 500 CU.YD.
  - TOTAL FILL: 750 CU.YD.



Construction Specification

**STABILIZED CONSTRUCTION ENTRANCE - 2**

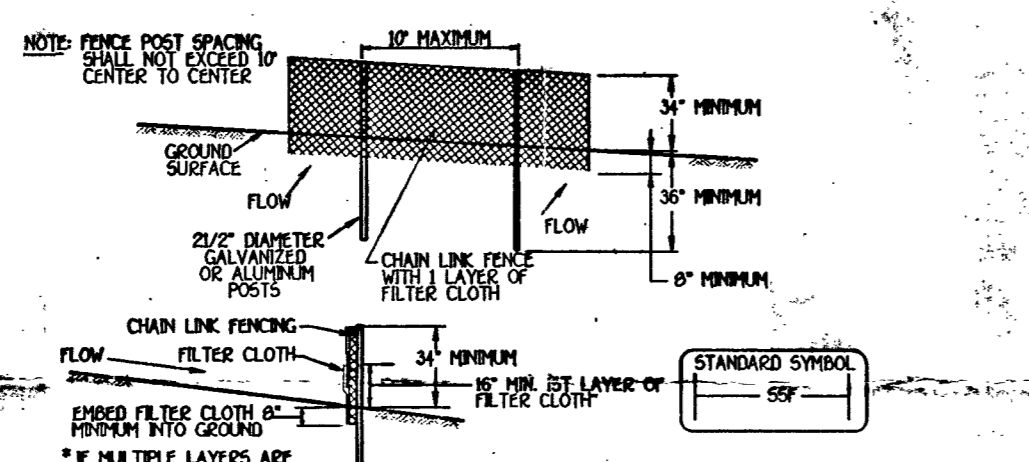
NOT TO SCALE

**TEMPORARY SEEDING NOTES**

- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RECONSTRUCTED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION:**  
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOCKED.
- SOIL AMENDMENTS:**  
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER OR 1/2 LB./1000 SQ.FT.
- SEEDING:**  
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 15, SEED WITH 1/2 BUSSAL PER ACRE OF ANNUAL RYE (12 LBS./ACRE OF WEEPING LOWGROWSS (107 LBS./1000 SQ.FT.) FOR THE PERIOD NOVEMBER 15 THROUGH FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOU.
- MULCHING:**  
APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GALLON/100 SQ.FT.) OF ENRICHED ASPHALT ON FLAT ACRES ON SLOPES 8 FEET OR HIGHER. USE 340 GALLONS PER ACRE (5 GALLON/100 SQ.FT.) FOR ANCHORING.
- REFER TO THE 1988 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

**PERMANENT SEEDING NOTES**

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- SEEDING PREPARATION:**  
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS:**  
APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (52 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT THE TIME OF SEEDING, APPLY 600 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 300 LBS. PER ACRE 0-15-15/1000 SQ.FT. OF 10-20-20 FERTILIZER.
- SEEDING:**  
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 1/2 BUSSAL PER ACRE (12 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 40 LBS./ACRE (4 LBS./1000 SQ.FT.) OF TALL FESCUE AND 1/2 BUSSAL PER ACRE (12 LBS./1000 SQ.FT.) OF WEEPING LOWGROWSS (107 LBS./1000 SQ.FT.) THROUGHOUT THE PERIOD OF OCTOBER 15 THROUGH FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (2) - USE 500 OPIUM (3 SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEED.
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- MAINTENANCE:**  
RESPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.  
FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNWEED AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



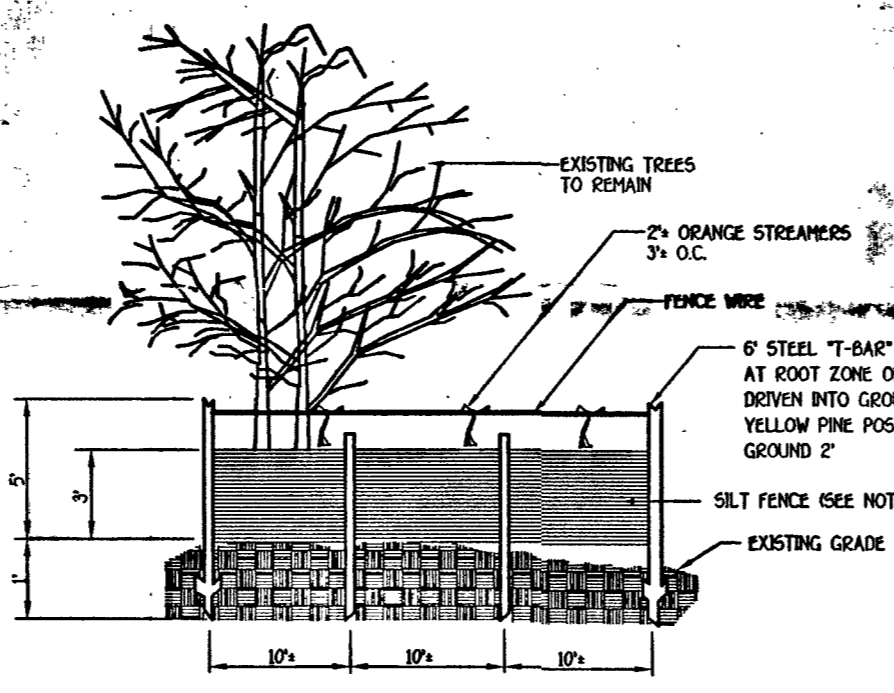
Chain Link Fence Construction Specifications

- Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6" fence shall be used, substituting 42" fabric and 6" length posts.
- Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and thurs rods, drive anchors and post caps are not required except on the ends of the fence.
- Filter cloth shall be fastened securely to the chain link fence with ties spaced every 2' at the top and mid section.
- Filter cloth shall be embedded a minimum of 6" into the ground.
- When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and fasten.
- Maintenance shall be performed as needed and all buildings removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
- Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextiles:
 

Grade Criteria	Slope	Slope Length	Silt Fence Length
1	0 - 10%	Unlimited	Unlimited
2	10 - 20%	100 feet	1000 feet
3	20 - 33%	50 feet	500 feet
4	33 - 50%	25 feet	250 feet

**SILT FENCE & TREE PROTECTION**

NOT TO SCALE



Silt Fence and Tree Protection Construction Specifications

- Silt Fence to be heeled into the soil.
- Wire, snow fence, etc. for tree protection only.
- Boundaries of Retention Area will be established as part of the forest conservation plan review process.
- Boundaries of Retention Area should be staked and flagged prior to installing device.
- Avoid root damage when placing anchor posts.
- Device should be properly maintained throughout construction.
- Protection signs are also required, see Figure C-4.
- Locate fence outside the Critical Root Zone.

8. ANY SEEDING CONTROL PRACTICE WHICH IS DISTURBED BY GRADING, ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
10. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMITTED EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER SITE DEVELOPMENT, RESIDENCES OR GRADING. OTHER BUILDING OR GRADING INSPECTION DISTURBANCE OR GRADING, OTHER BUILDING OR GRADING INSPECTION DISTURBANCE MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
11. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

**TEMPORARY SEEDING NOTES**

- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RECONSTRUCTED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION:**  
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOCKED.
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**TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:**

- TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND, OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SURFACES AND SHALL CONTAIN LESS THAN 1% BY VOLUME OF COBBLES, STONES, SLACK, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS TRASH OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
- TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, TRIFLE, OR OTHERS AS SPECIFIED.
- WHERE THE TOPSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.

**SEQUENCE OF CONSTRUCTION**

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN.
- CLEAR AND GRAD TO LIMITS OF DISTURBANCE AND MASS GRADE TO SUB-BASE.
- INSTALL TEMPORARY SEEDING.
- CONSTRUCT BUILDINGS.
- FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE.
- REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMSSION IS GRANTED BY E/S CONTROL INSPECTOR.

**LEGEND**

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
-S/T-P	SILT FENCE & TREE PROTECTION
-S/F	SUPER SILT FENCE
---	PROPOSED WALKOUT
---	LIMITS OF DISTURBANCE
○	EXISTING STREET TREES FROM F-01-191

NO	REVISION	DATE
1	Rev L-3 model per new arch plans	12-9-04

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. APPROVED: *John R. Robertson* 7/13/04  
HOWARD SOIL CONSERVATION DISTRICT DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS. *Jim Meyer* 7/13/04  
U.S.A. NATURAL RESOURCES CONSERVATION SERVICE DATE

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING, CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 3072 BALTIMORE NATIONAL FIRE  
ELKLOTT CITY, MARYLAND 21244  
(410) 461-2955

**BUILDER/DEVELOPER**

COLUMBIA BUILDERS  
P.O. BOX 999  
COLUMBIA, MARYLAND 21044  
410-730-3940

**DEVELOPER'S CERTIFICATE**

"I HEREBY 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 SOIL CONSERVATION DISTRICT."

*James Greenfield* 6-20-04  
SIGNATURE OF DEVELOPER B. JAMES GREENFIELD DATE

**ENGINEER'S CERTIFICATE**

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

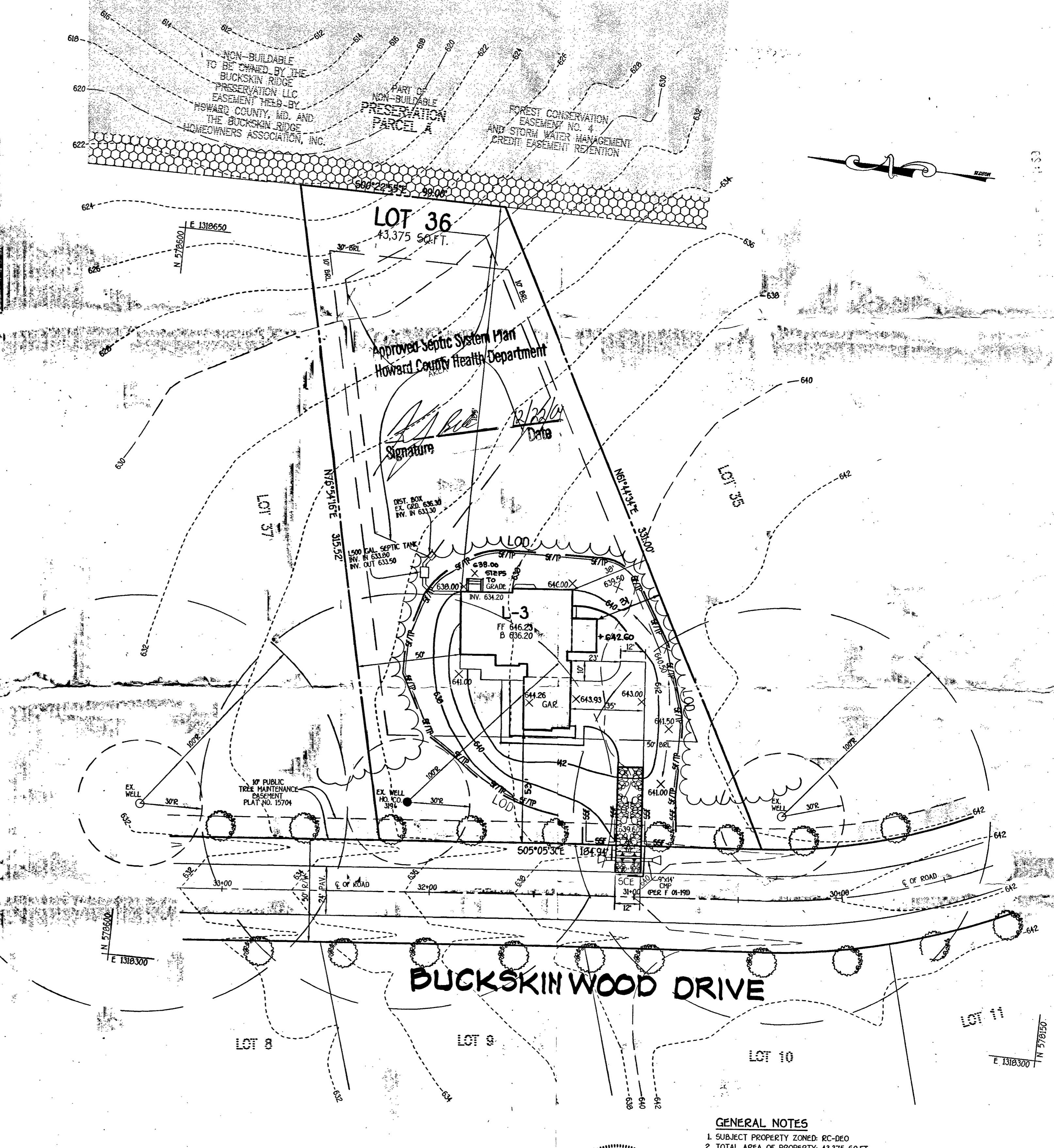
*Earl D. Collins* 6-20-04  
EARL D. COLLINS DATE

**SITE DEVELOPMENT, SEDIMENT/EROSION CONTROL PLAN, NOTES & DETAILS**

**BUCKSKIN RIDGE LOT 36**

ZONED RR-DEO PLAT NO. 15704  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1"=30' DATE: JUNE, 2004

G.P. 05-01



**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2643**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: ROBERT L FEEZER CO INC Telephone #: 410-781-4655  
Address: 16321 BRADWELL AVENUE  
SHARPSVILLE, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): ROBERT L FEEZER CO License# 2122

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: JERRY ISAACS PLUMBING Telephone #: 410-402-5780  
Subdivision: BUCKSKIN KNOGE Lot #: 36 Well Tag #: HO-94-3196  
Site Address: 4312 BUCKSKIN WOOD DRIVE  
ELICOTT CITY, MD 21042

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>STANLEY</u>	Make: <u>CAMPBELL</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>SCP4E02HL</u>	Model #: <u>PA800</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: <u>5</u> GPM	Depth: <u>42</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>4</u> GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>100</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
~~Torque arrestors~~ Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>POLY</u>	PVC sleeved to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>200</u> (160 psi min)	Approximate length of sleeve: <u>6</u>
Depth of supply line: <u>42</u> (36" min)	Sleeve caulked and sealed properly: <input checked="" type="checkbox"/>

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage pipe, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Robert L. Feezer date: 5/16/05

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 8/16/05 Date Insp. Approved: 8/16/05 GAC

Inspection Data: Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate ground observed below pitless adapter	<input checked="" type="checkbox"/>

0657 SEQUENCE NO (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER 13 OK KG 11-19-01

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE Received MM DD YY DATE WELL COMPLETED MM DD YY 9/25/01

Depth of Well 600 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3196

OWNER Floyd Lane LLC STREET OR RFD Buckskin Wood Drive TOWN Ellicott City SUBDIVISION Buckskin Ridge SECTION LOT 36

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Top soil, Brown shell, Brown mica, Gray mica, Gray mica & Flint, Gray mica, Gray mica & Flint, Gray mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N]

TYPE OF GROUTING MATERIAL (Circle one) CEMENT: [CM] BENTONITE CLAY [BC] NO. OF BAGS 25 NO. OF POUNDS 2500 GALLONS OF WATER 150 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 50 ft

CASING RECORD casing types insert appropriate code below [ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) 6" Total depth of main casing (nearest foot) 68 FT

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole [ST] STEEL [BR] BRASS [PL] PLASTIC [HO] OPEN HOLE [OT] OTHER

DEPTH (nearest ft.) 100 66 FT 600 FT

SCREEN DEPTH (nearest ft.) 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST C 3

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 4

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 25 ft

WHEN PUMPING 155 ft

TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES [NO]

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

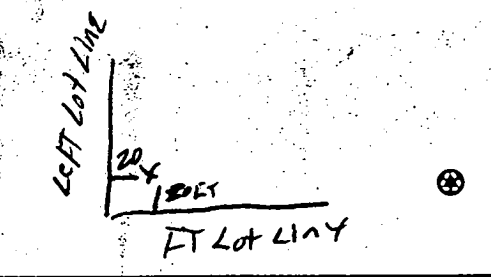
CAPACITY GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) [+] above [ ] below LAND SURFACE (nearest foot) 50 51

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES [Y] NO [N]

CIRCLE APPROPRIATE LETTER: A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M WD 040 DRILLERS SIGNATURE Gene Z. Fawcett

LIC. NO. 1 W 20014

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



B 1 9262 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL W515311 please print or type

STATE PERMIT NUMBER HO-94-3196 fill in this form completely

DATE RECEIVED (APA) 08/28/01 OWNER INFORMATION 8653 Floyd Lane LLC P.O. Box 999 Columbia, Md 21044

LOCATION OF WELL B 3 Howard Buckskin Ridge Gleneig

DRILLER INFORMATION George F. Easterday M W D 040 L. Franklin Easterday, Inc. 9265 Brown Church Rd., MT. Airy, Md. 21771

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) Buckskin Wood Drive 20 DISTANCE FROM ROAD Ft.

WELL INFORMATION 5 APPROX. PUMPING RATE (GAL. PER MIN.) 500 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX) D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard 13 COUNTY NAME COUNTY NO

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER wells

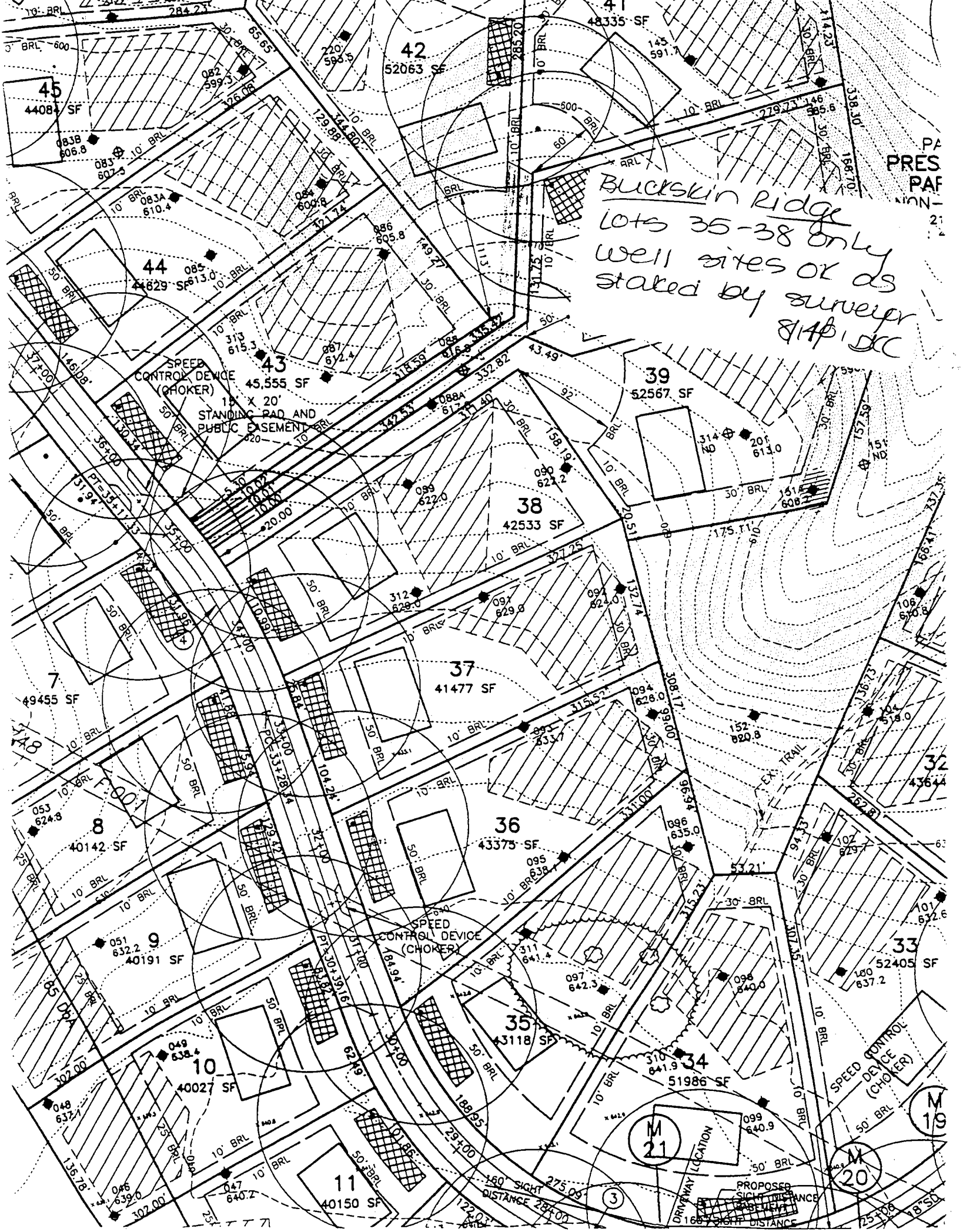
METHOD OF DRILLING (circle one) AIR-ROTARY JETTED ROTARY

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 9K11

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP PERMIT NUMBER HO2000G01 (01) PERMIT No HO-94-3196

SPECIAL CONDITIONS DENY-Permit 97 @ COUNTY



Buckskin Ridge  
Lots 35-38 only  
well sites as  
stated by surveyor  
8/14/00

PA  
PRES  
PAF  
NON-  
21

SPEED  
CONTROL DEVICE  
(CHOKER)  
15' X 20'  
STANDING PAD AND  
PUBLIC EASEMENT

SPEED  
CONTROL DEVICE  
(CHOKER)

SPEED CONTROL  
DEVICE  
(CHOKER)

DRIVEWAY LOCATION

PROPOSED  
SIGN PLACEMENT

160' SIGHT  
DISTANCE 284.00

M  
19

M  
20

M  
21

3

# APPLICATION

PERCOLATION TESTING

A 513618-LL

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Jared T. Healy, Trustee and M. Charlotte Powel, Trustee

ADDRESS 10715 Charter Dr., Columbia, MD 21044 PHONE 410-730-4545

AGENT OR PROSPECTIVE BUYER Floyd Lane, L.L.C. CONTACT: Tim Feaga, Heritage Land Develop

ADDRESS P.O. Box 999, Columbia, MD 21044 PHONE 410-489-7900, ext. 11

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 36

ROAD AND DESCRIPTION Buckskin Woods Drive, Ellicott City, MD 21042

TAX MAP 22 PARCEL # 77, 283 and 74

SIZE OF LOT 1 acre TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

*B. James Greenfield*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

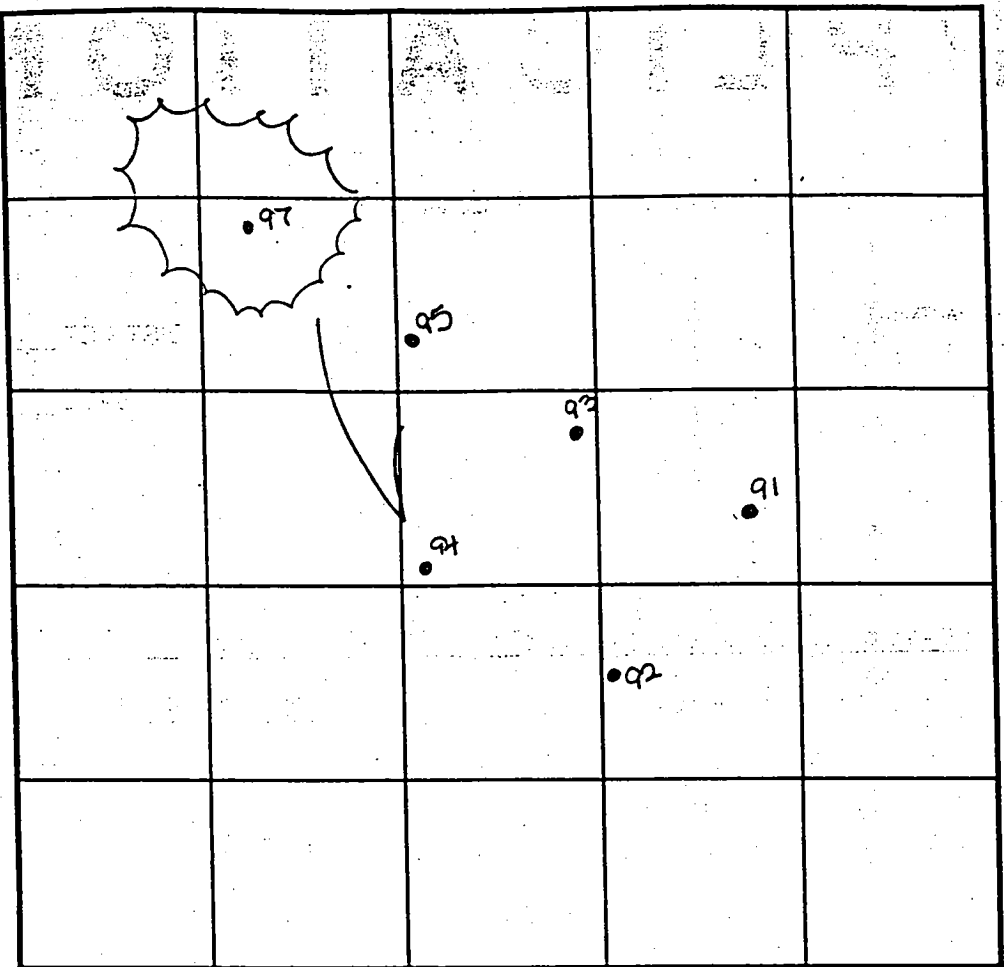
# THIS IS NOT A PERMIT

COUNTY #  
SOIL PROFILE  
a1/a5/a7

6"  
topsoil  
org brn  
sa cl lm

4"  
med  
pk brn  
sa mica  
lm

3"  
w/ 25%  
sapr  
sh



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

a2/a4

like  
91

w/  
13' lot  
sapr  
sh

2'

6"  
93  
topsoil  
org brn  
sa cl  
lm

4"  
pale  
pk brn  
sa mica  
lm

12"  
10%  
sapr  
sh

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-4-00	91	4.0'S	10:24	10:25	10:25	10:27	2
		13.0'D	visual	-see	profile		OK
	92	12.0'D	visual	-see	profile		OK
	93	12.0'D	visual	-see	profile		OK
	94	5.0'S	10:35	10:36 <sub>2</sub>	10:36 <sub>2</sub>	10:38	2
		12.5'D	visual	-see	profile		OK
	95	4.0'S	10:40 <sub>3</sub>	10:52 <sub>2</sub>	10:52 <sub>2</sub>	11:01 <sub>3</sub>	9
		11.5'D	visual	-see	profile		OK
	97	12.0'D	visual	-see	profile		OK

REMARKS notes tested as stated

TYPE OF SOIL \_\_\_\_\_

TESTED BY DKS ALSO PRESENT Lepp, T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

COUNTY #

SOIL PROFILE

98

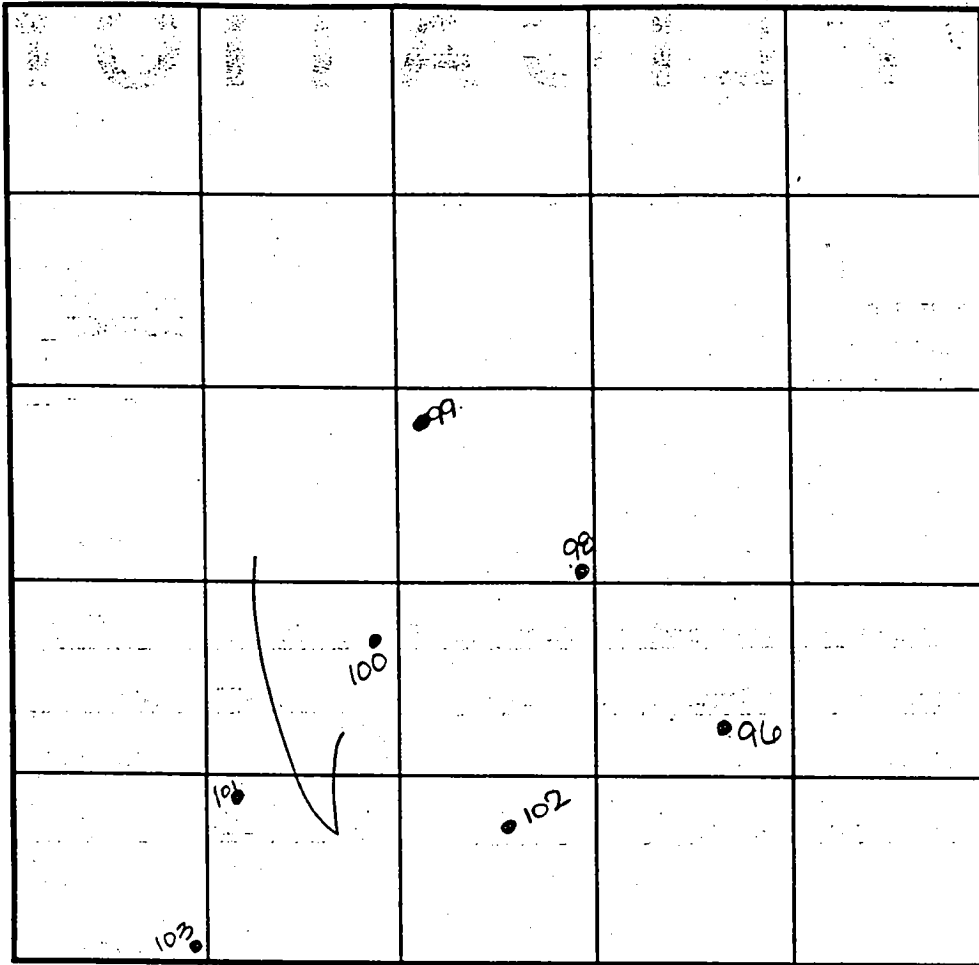
topsoil  
 red  
 org brn  
 sa cl  
 lm  
 med  
 red brn  
 sa mica  
 lm  
 w/  
 20%  
 sapr  
 sh

96/103

topsoil  
 org brn  
 sa cl  
 lm  
 med red  
 brn  
 sa mica  
 lm  
 w/  
 20%  
 sapr  
 sh

100/99

topsoil  
 dull ag  
 brn  
 cl lm  
 br org  
 brn  
 sa cl lm  
 med  
 pk brn  
 sa mica  
 lm  
 w/  
 15-20%  
 sapr  
 sh



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

102

topsoil  
 dull  
 org brn  
 cl lm  
 br org  
 brn  
 to  
 pale  
 pk to  
 white  
 sa mica  
 lm  
 5-10%  
 sapr  
 sh

101

like  
 100  
 w/  
 10%  
 sapr  
 sh

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-4-00	98	4.0'S	11:01 <sub>3</sub>	11:02 <sub>3</sub>	11:02 <sub>3</sub>	11:04	2
		13.0'D	visual	- see	profile		OK
	96	12.0'D	visual	- see	profile		OK
	100	4.0'S	11:07 <sub>3</sub>	11:08 <sub>3</sub>	11:08 <sub>3</sub>	11:10	2
		12.0'D	visual	- see	profile		OK
	103	3.5'S	11:12	11:17 <sub>3</sub>	11:17 <sub>3</sub>	11:25 <sub>3</sub>	8
		12.5'D	visual	- see	profile		OK
	99	12.0'D	visual	- see	profile		OK
	101	11'8"D	visual	- see	profile		OK
	102	13.0'D	visual	- see	profile		OK

REMARKS: holes tested as stated

TYPE OF SOIL

TESTED BY: DKS

ALSO PRESENT: C. Zepp, T. Peacor

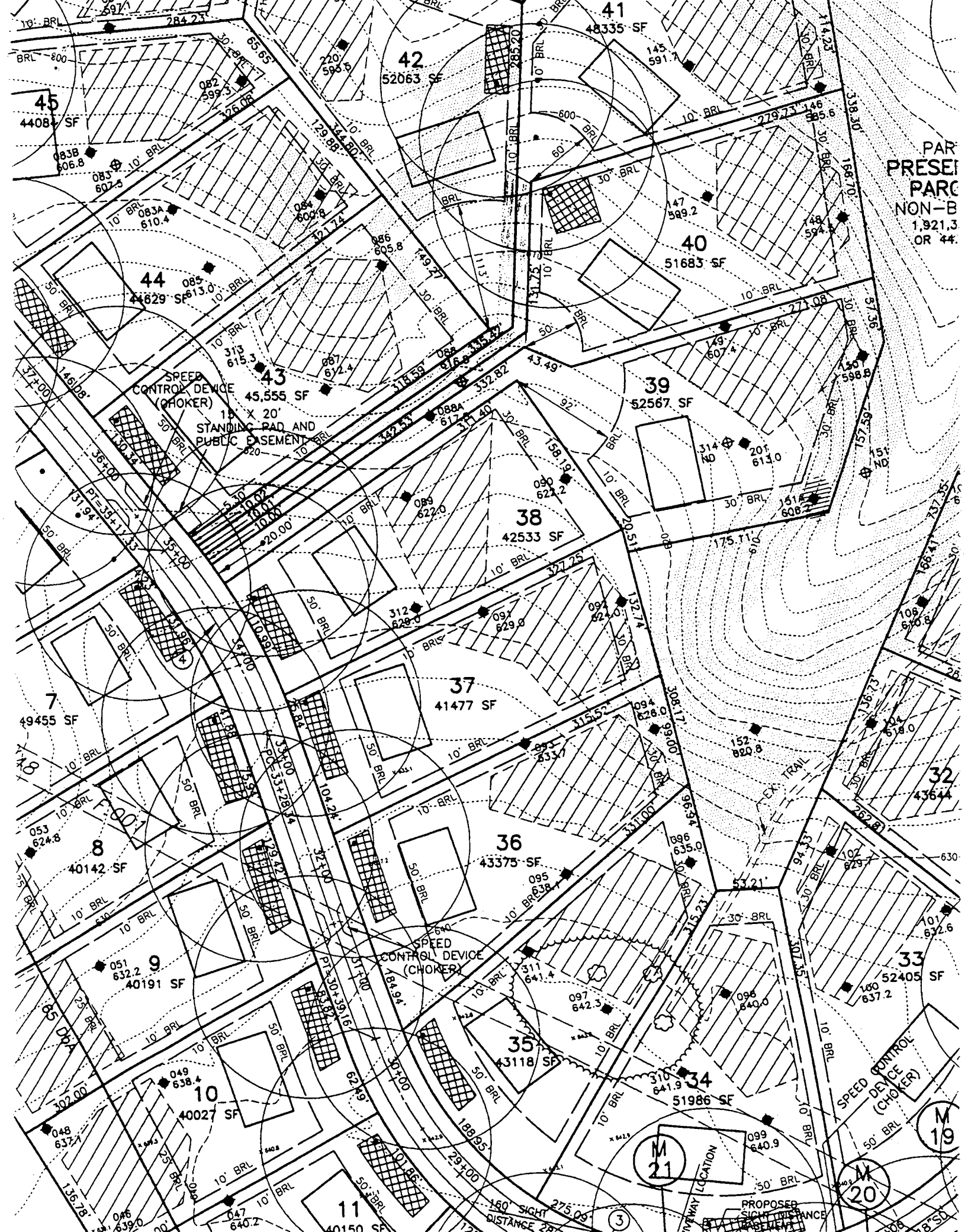
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



PART  
PRESENT  
PARC  
NON-B  
1,921.3  
OR 44.

45  
4408 SF

42  
52063 SF

41  
48335 SF

44  
44629 SF

40  
51683 SF

43  
45,555 SF

39  
52567 SF

SPEED  
CONTROL DEVICE  
(CHOKER)  
18' X 20'  
STANDING PAD AND  
PUBLIC EASEMENT

38  
42533 SF

37  
41477 SF

7  
49455 SF

36  
43375 SF

8  
40142 SF

9  
40191 SF

32  
43644 SF

10  
40027 SF

35  
43118 SF

34  
51986 SF

33  
52405 SF

11  
40150 SF

M 21

M 20

M 19

PROPOSED  
SIGHT TRIANGLE  
EASEMENT

INWAY LOCATION

160' SIGHT  
DISTANCE 28'

G0000 8988

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS  
300 COURT HOUSE DRIVE  
ELICOTT CITY, MD 21043  
PERMITS (410) 313-2638 INSPECTIONS (410) 313-1810  
AUTOMATED INFORMATION (410) 313-3800

# HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER **KJB**  
**B 00151592**

Building Address 4312 Buckle in Road Drive  
Ellicott City, MD 21043 *21042 per Fee map*  
Suite/Apt. #: N.A. SDP/WP/Petition #: CP-05-01  
Census Tract 6051.01 Subdivision Buckle in Ridge  
Section N.A. Area N.A. Lot 36  
Tax Map 22 Parcel 77 Grid 21  
Zoning REO Map Coordinates 10 A.12 Lot size 49,375 sq. ft.

Property Owner's Name Columbia Builders, Inc.  
Address P.O. Box 999  
City Columbia State MD Zip Code 21044  
Home Phone \_\_\_\_\_ Work Phone (410) 790-3939  
Applicant's Name & Mailing Address, (if other than stated hereon):  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

Existing Use Vacant Lot  
Proposed Use Single Family Dwelling  
Estimated Construction Cost \$ 200,000.00  
Description of Work 2 story model "L-3" house

Contractor Company Columbia Builders, Inc.  
Contact Person Dee Sperling  
Address Same  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
License No. 254  
Phone \_\_\_\_\_ Fax (410) 992-3020

Occupant or Tenant \_\_\_\_\_  
Contact Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

Engineer or Architect Company Fisher, Collins & Carter  
Contact Person J. Ecker  
Address 10272 Balto. Natl. Pike  
City Ellicott City State MD Zip Code 21042  
Phone (410) 461-2855 Fax \_\_\_\_\_

**BUILDING DESCRIPTION - COMMERCIAL**

Building Characteristics	Utilities
Height: _____	Water Supply: _____ Public _____ Private _____
No. of stories: _____	Sewage Disposal: _____ Public _____ Private _____
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: _____ Reinforced Concrete _____ Structural Steel _____ Masonry _____ Wood Frame _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
State Certified Modular _____	Sprinkler system: <u>N/A</u> <input type="checkbox"/> Full _____ Partial _____ Other Suppression _____ # of Heads _____

**BUILDING DESCRIPTION - RESIDENTIAL**

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: _____ Public _____ Private <input checked="" type="checkbox"/>
1st floor: _____	Sewage Disposal: _____ Public _____ Private <input checked="" type="checkbox"/>
2nd floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Basement: _____	Gas Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/>	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas <input type="checkbox"/>
Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Sprinkler system: <u>N/A</u> <input type="checkbox"/> NFPA #13D _____ NFPA #13R _____ Other: _____
No. of Bedrooms <u>5</u>	
Multi-family dwellings: _____ No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	
Other Structure: _____	
Dimensions: _____	
Footings: _____	
Roof: _____	
State Certified Modular _____ Manufactured Home _____	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION, (2) THAT THE INFORMATION IS CORRECT, (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO, (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION, (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

B. James Greenfield  
Applicant's Signature  
Columbia Builders, Inc.  
Title/Company

B. James Greenfield, Pres.  
Print Name  
12/17/04  
Date

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**  
\*\* PLEASE WRITE NEATLY AND LEGIBLY. \*\*  
- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health	<u>12/29/04</u>	<u>[Signature]</u>
Fire Protection		

Is Sediment Control approval required prior to issuance?  
YES  NO

CONTINGENCY CONSTRUCTION START:

ONE STOP SHOP:

**DPZ SETBACK INFORMATION**

Front: \_\_\_\_\_  
Rear: \_\_\_\_\_  
Side: \_\_\_\_\_  
Side St.: \_\_\_\_\_  
All minimum setbacks met? YES  NO   
Is Entrance Permit required? YES  NO   
Historic District? YES  NO   
Lot Coverage for NewTown Zone \_\_\_\_\_  
SDP/Red-line approval date \_\_\_\_\_

**PROPERTY ID: 12872**

Filing fee \$ \_\_\_\_\_  
Permit fee \$ \_\_\_\_\_  
Excise tax \$ \_\_\_\_\_  
Add'l per. fee \$ \_\_\_\_\_  
TOTAL FEES \$ \_\_\_\_\_  
Sub-total paid \$ \_\_\_\_\_  
Balance due \$ \_\_\_\_\_  
Check # 2472  
Validation # 81891

Accepted by [Signature]

Distribution of Copies - White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

Plans were accepted at the same time...

**FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.**  
 141 Old Pancetown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

**REPORT OF ANALYSIS**

Laboratory ID #:	56901	Account #:	1550
Reference:	Lakeview at Buckskin Lake Lot 36	Company:	Columbia Builders
Location:	4312 Buckskin Wood Drive Ellicott City, MD 21042	Requested By:	Terry Brownley
Date/ Time Collected:	10/27/2005 1415	Source:	Well Water
Date/Time Rec'd:	10/27/2005 1530	Site:	Powder Room Sink Tap
Chlorine ppm:	Free: ND Total: ND	Treatment:	Spin Down Separator**
Collected By:	C. Mooshian 7268CM	pH:	7.1
		Well #:	HO-94-3196

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYS
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	10/28/2005 / 1000 / BCD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	10/28/2005 / 1000 / BCD

**NOTES**

- 1 \*\*Housing, no filter
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND:None Detected
- 5 Visual well check: Sealed, vented cap
- 6 pH tested on-site

Reason for Test : Use & Occupancy retest 56832  
 Building Permit # : 00151592

Date Reported: 10/28/2005

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

## REPORT OF ANALYSIS

Laboratory ID #:	56832	Account #:	1550
Reference:	Lakeview at Buckskin Lake Lot 36	Company:	Columbia Builders
Location:	4312 Buckskin Wood Drive Ellicott City, MD 21042	Requested By:	Terry Brownley
Date/ Time Collected:	10/24/2005 1101	Source:	Well Water
Date/Time Rec'd:	10/24/2005 1344	Site:	Pressure Tank
Chlorine ppm:	Free: ND Total: ND	Treatment:	None
Collected By:	J.Yeager 6176JY	pH:	6.0
		Well #:	HO-94-3196

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	2.0	MPN/ 100 ml	<1.0	SM18 9223 B.	10/25/2005 / 0800 / BD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	10/25/2005 / 0800 / BD

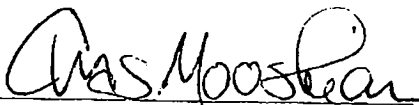
### NOTES:

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 ND:None Detected
- 4 Visual well check: Sealed, vented cap
- 5 pH tested on-site

Reason for Test : Use & Occupancy retest 56767  
 Building Permit # : 00151592

Date Reported: 10/25/2005

Laboratory Director:



Charles Mooshian, B.S.,M.T.

MD State Certification # 133

**FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.**

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

**REPORT OF ANALYSIS**

Laboratory ID #:	56767	Account #:	1550
Reference:	Lakeview at Buckskin Lake Lot 36	Company:	Columbia Builders
Location:	4312 Buckskin Wood Drive Ellicott City, MD 21042	Requested By:	Terry Brownley
Date/ Time Collected:	10/14/2005 1316	Source:	Well Water
Date/Time Rec'd:	10/14/2005 1555	Site:	Pressure Tank
Chlorine ppm:	Free: ND Total: ND	Treatment:	None
Collected By:	C. Mooshian 7268CM	pH:	6.8
		Well #:	HO-94-3196

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYS
Bacteria, Coliform, Total, MPN	50.4	MPN/ 100 ml	<1.0	SM18 9223 B.	10/15/2005 / 1000 / BD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	10/15/2005 / 1000 / BD
Nitrate	<1.0	mg/L	10	601	10/14/2005 / 1605 / BD
Turbidity	3.88	NTU	<10	SM18 2130B	10/14/2005 / 1600 / BD
Sand	NS	mg/L	5	Visual/Gravimetric	10/14/2005 / 1600 / BD

**NOTES**

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND:None Detected
- 7 Visual well check: Sealed, vented cap
- 8 pH tested on-site

Reason for Test : Use &amp; Occupancy

Building Permit # : 00151592

Date Reported: 10/17/2005

MD State Certification # 133



Howard County  
Health Department

7178 Columbia Gateway Drive, Columbia Maryland 21046  
(410) 313-1771 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Pennv E. Borenstein, M.D., M.P.H., Health Officer

October 28, 2005

Columbia Builders, Inc.  
P.O. Box 999  
Columbia, MD 21044

FACSIMILE SENT 410-992-3020

RE: Buckskin Ridge, Lot 36  
4312 Buckskin Wood Drive  
Ellicott City, MD 21043  
BP #: B00151592  
Well Permit # HO-94-3196

Dear Sir:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 08/16/2005. Final approval of the well line connection to the dwelling was approved on 08/16/2005.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

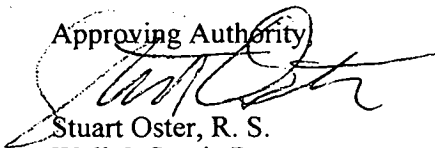
#### INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-3196. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 10/14/2005, 10/24/2005 & 10/27/2005  
Date of Well Completion: 09/25/2001

Approving Authority

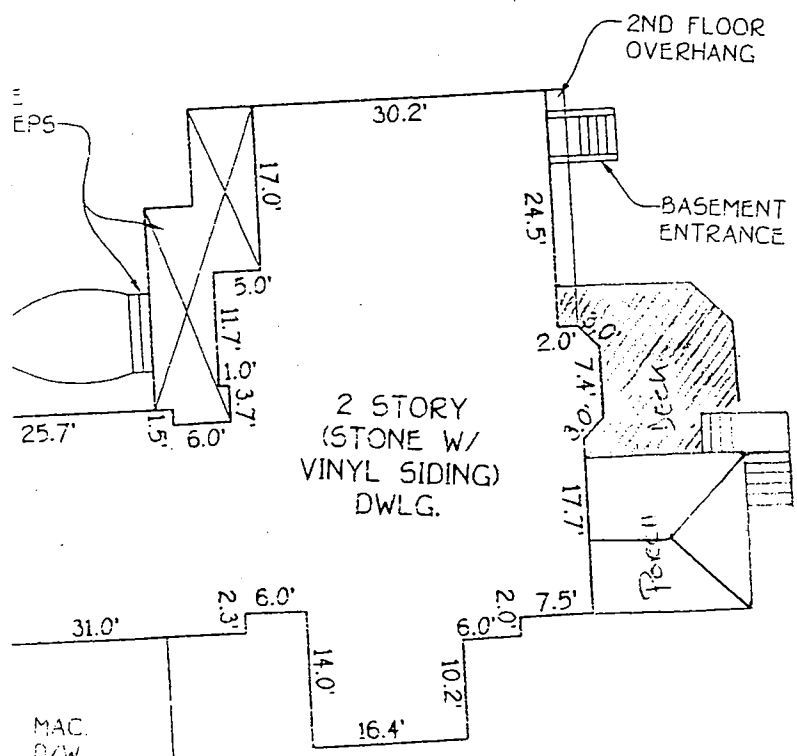
  
Stuart Oster, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File

ES:

PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY. IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE EMPLOYED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED TO ESTABLISH OR CONFIRM PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF EASEMENTS, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION IS REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING. THIS DRAWING IS IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP FOR MARYLAND, COMMUNITY PANEL No. 2400440021B EFFECTIVE DEC. 4, 1986. THE PROPERTY LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF

SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD. THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-94-3196) IS THE PROPERTY OF FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS

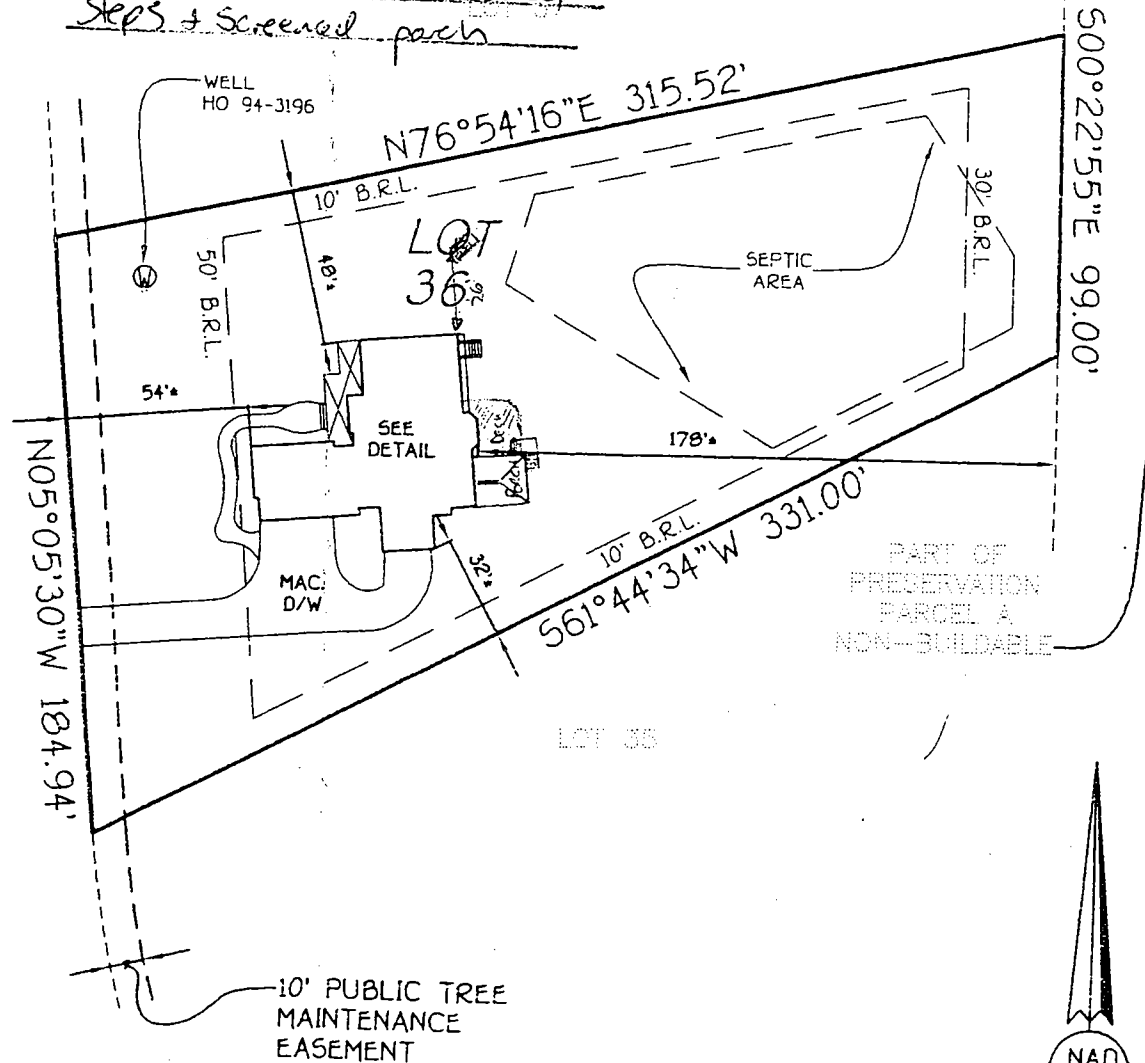


DETAIL: 1"=20'

BUCKSKIN WOOD DRIVE  
(PUBLIC ACCESS STREET)  
50' R/W

APPROVED

WALK-THRU BUILDING PERMIT  
BP# B00156975 A# 513618-LL  
APP. SAN PAY DATE: 11/10/05  
DESC. OF WORK: 18x18 Deck w/  
Steps & Screened porch



HOUSE LOCATION  
DRAWING

FOUNDATION LOCATION: 2/07/05  
FINAL LOCATION: 10/24/05  
BOUNDARY SURVEY:

SCALE: 1"=60'  
DATE: 10/26/05

LOT 36  
REVISION PLAT  
BUCKSKIN RIDGE  
LOTS 1 THRU 47  
AND PRESERVATION PARCEL A

4312 BUCKSKIN WOOD

