

LAYOUT 4/1/03 10am INSP 4 _____
 INSP 2 4/2/03 1:30pm INSP 5 _____
 INSP 3 4/3/03 12pm INSP 6 _____

ISSUE DATE: Final 3/31/2003

APPROVAL DATE: PA/SO 4/3/03 **PERMIT INDEXED** 05-399513

P 518596
 A 33665 513618-00

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

C & C Utility Service IS PERMITTED TO INSTALL ALTER

ADDRESS: PO Box 100, Lisbon 21765 PHONE NUMBER: 443-677-0627

SUBDIVISION: Buckskin Ridge LOT NUMBER: 29

ADDRESS: 4272 Buckskin Wood Drive PROPERTY OWNER: Columbia Builders, 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: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved site plan. Run trenches on contour.
NOTES:	

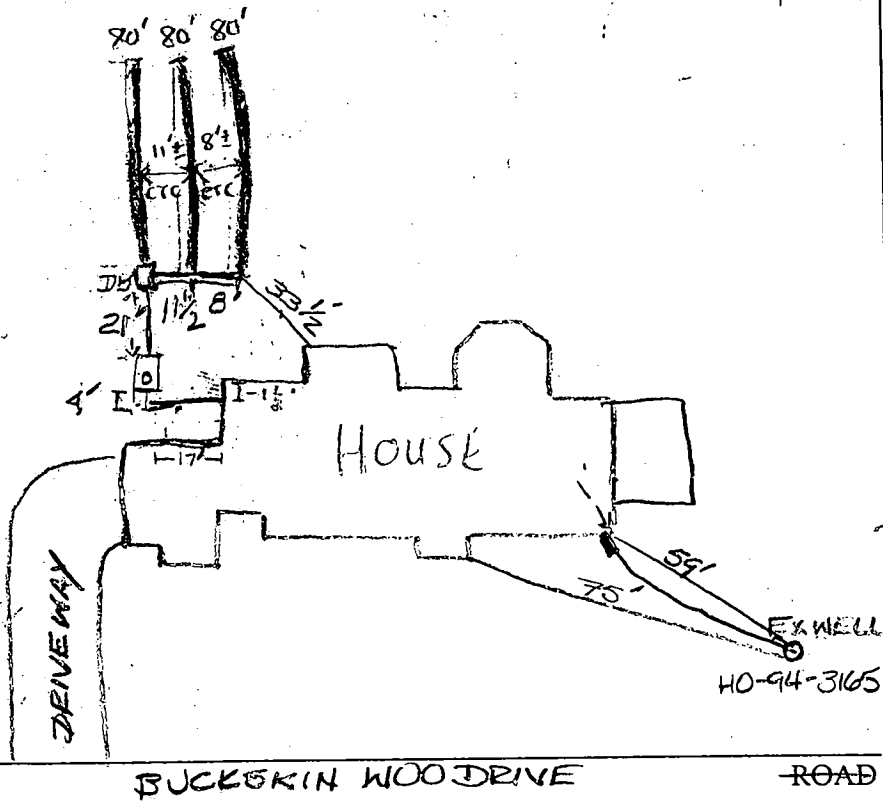
PLANS APPROVED: Steven R. Krieg OKSRK 3/30/03 DATE: 11/08/2002

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
 BUILDING PERMIT SIGNED 313-2640 FOR INSPECTION OF SEPTIC SYSTEM
 AND RETURNED
 1-19-05 800151958 - FINISH BASEMENT**

A 513618-DD
 A33665

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2	14	16
NUMBER OF TRENCHES		3
TOTAL LENGTH		240
ABSORPTION AREA		720 ft^2
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		N/A

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1250 GAL
SEAM LOC	TOP SEAM
TANK LID DEPTH	2' 6" (approx)
BAFFLES	OK
BAFFLE FILTER	N/A
MANHOLE LOC	FRONT
6" PORT LOC	FRONT
WATERTIGHT TEST	
SEPTIC TANK 2 LEVEL N/A	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	

PRE-CONSTRUCTION 4/1/03 SEPTIC AREA STAKED; TOP CORRECT PER PLAN. PLACE SEPTIC TANK PER PLAN, RUN (3) 80' TRENCHES 10' O.C. DUE TO WEATHER WIND ON TO 120' TRENCHES AND TO COVER EXCEPT ENDS. FA/FA

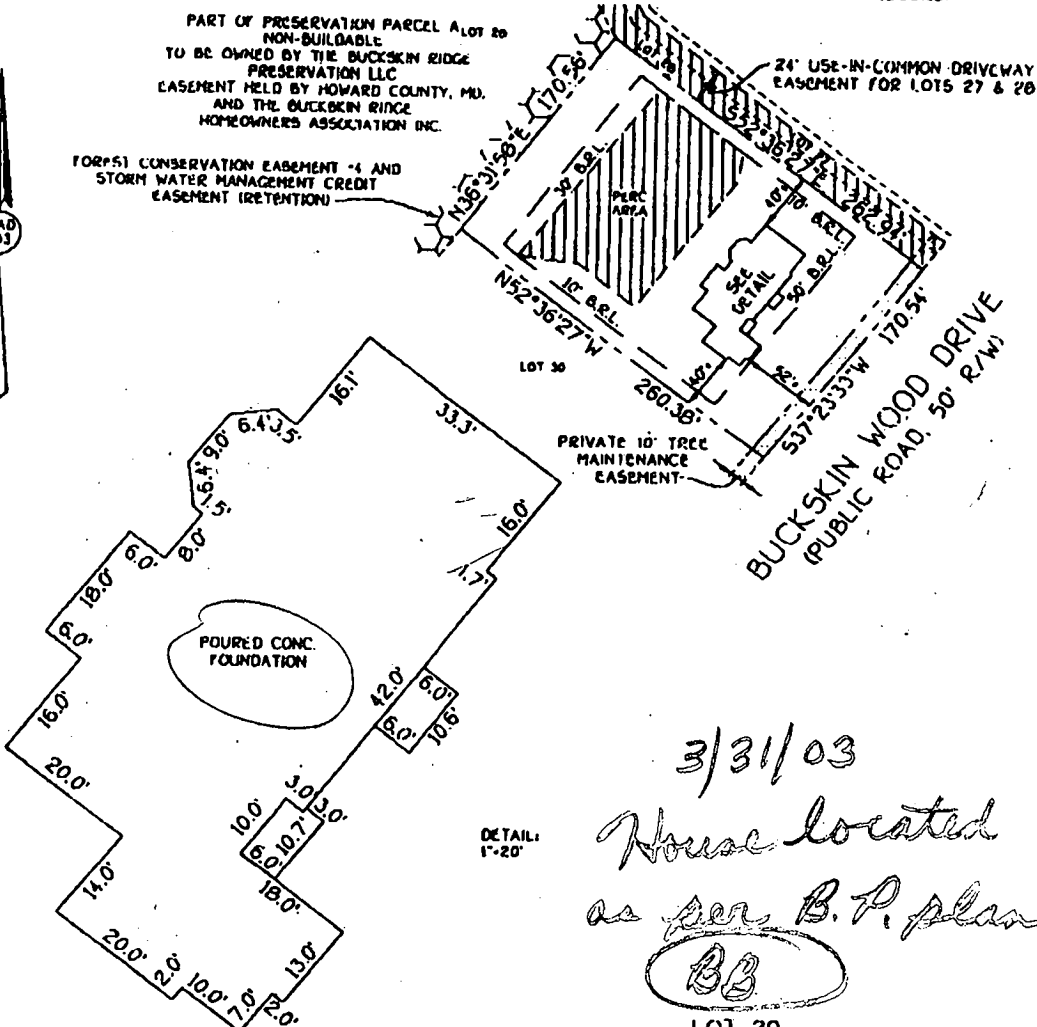
INSTALLATION 4/2/03 INSTALLATION AS PER PLAN; INSPECTION STILL REQUIRED ON TANK, RISER & HOUSE CONNECTION. OK TO COVER TRENCHES. - (FA/KN)

4/3/03 TANK INSTALLED & FIELD LOCATED, FINALIZED INSTALLATION TODAY. OK TO COVER ALL WORK

FINAL INSPECTOR FA/150 DATE OF APPROVAL 4/3/03

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. 2400410021 D 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.



3/31/03
 House located
 as per B.P. plan - O.K.
 BB

LOT 29
 BUCKSKIN RIDGE
 LOTS 1 THRU 47 AND PRESERVATION PARCEL A
 FIFTH ELECTION DISTRICT,
 HOWARD COUNTY, MARYLAND
 PLAT NO. 15522

B.R.L. = BUILDING RESTRICTION LINE
 TOP OF FOUNDATION ELEV. 605.1'

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 1977 BALTIMORE NATIONAL PARK
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2053

PROFESSIONAL SURVEYOR
 REG. 382
 DATE 12-13/02

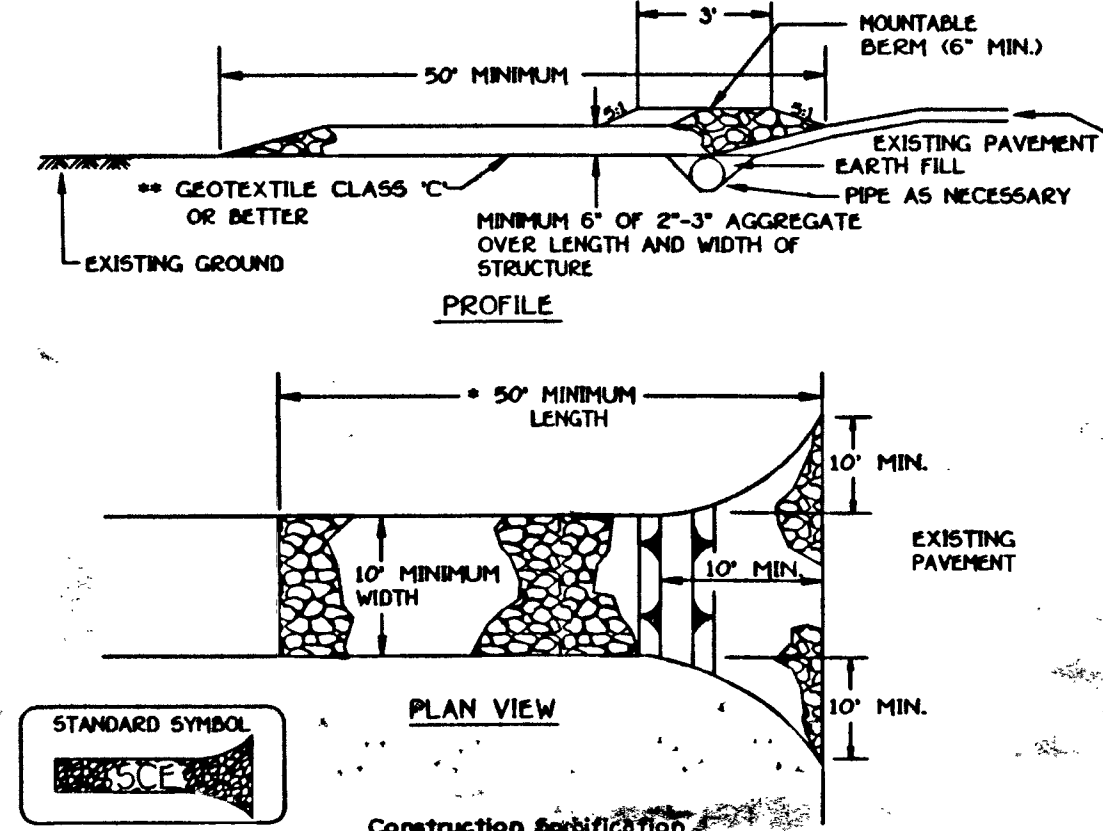
HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 12/13/02
 FINAL LOCATION: _____
 BOUNDARY SURVEY: _____

SCALE: 1"=100'
 DATE: 12/13/02
 DRAWN BY: A.C.D.
 CHECKED BY: S.R.P.
 PROJECT No.: 61700

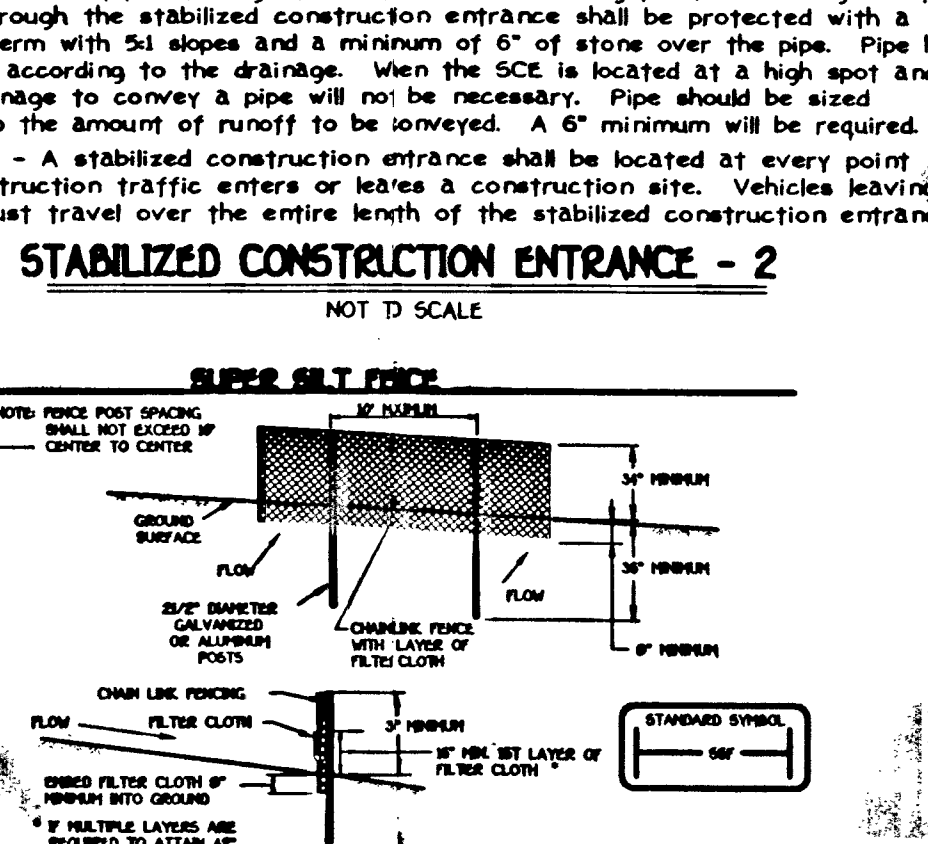
SEDMENT CONTROL NOTES

- 1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (301-480-1000).
- 2. 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 HANDBOOK STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERE TO.
- 3. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-ENTRY TO SOIL, PERMITS OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 48 HOURS. CALENDAR DATES FOR ALL PERMITS FOR SEDIMENT CONTROL, STRUCTURES, DICES, PERMITS FOR SLOPES AND ALL SLOPES STEEPER THAN 3:1, 30 IN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. I, CHAPTER 12, OF THE HOWARD COUNTY DESIGN HANDBOOK, STORM DRAINAGE.
- 5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 30, 500 (SEC. 5A), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 50). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 7. SITE ANALYSIS: TOTAL AREA OF SITE 1.024 ACRES, AREA DISTURBED 0.434 ACRES, AREA TO BE ROOFED OR PAVED 0.100 ACRES, AREA TO BE VEGETATIVELY STABILIZED 0.490 ACRES, TOTAL CUT 2.71 CU.YDS., TOTAL FILL 0.65 CU.YDS., OFFSITE WASTE/BORROW AREA LOCATION N/A.



3. Length - minimum of 50' (+30' for single residence lot).
4. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
5. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone.
6. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
7. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe shall be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
8. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2



- 1. Flanking shall be set to height and constructed in accordance with the following:
a. Chain link fence shall be bedded evenly to the base with wire ties.
b. The same height and chain link shall extend across and past into the required amount on the back of the fence.
c. Chain link shall be fastened directly to the chain link fence with wire ties.
d. A filter cloth shall be installed a minimum of 6" off the ground.
e. When two sections of filter cloth abut each other they shall be overlapped 6" and pinned.
f. Maintenance shall be performed as needed and all holes repaired when "topsoil" covers the silt fence or when all chains are 24" long.
g. Filter cloth shall be bedded evenly to the base with wire ties or staples in the silt fence or when all chains are 24" long.
h. Topsoil shall be 4-8" deep, 200-400 lbs/acre (200-400 sq ft) prior to the placement of topsoil. Topsoil shall be distributed uniformly over the area to be worked into the soil in conjunction with tillage operations as described in the following procedures.

Table with 4 columns: Topsoil Depth, Topsoil Rate, Topsoil Volume, Topsoil Weight. Includes values for 4-8 inch depth, 200-400 lbs/acre, 200-400 sq ft, and 200-400 lbs.

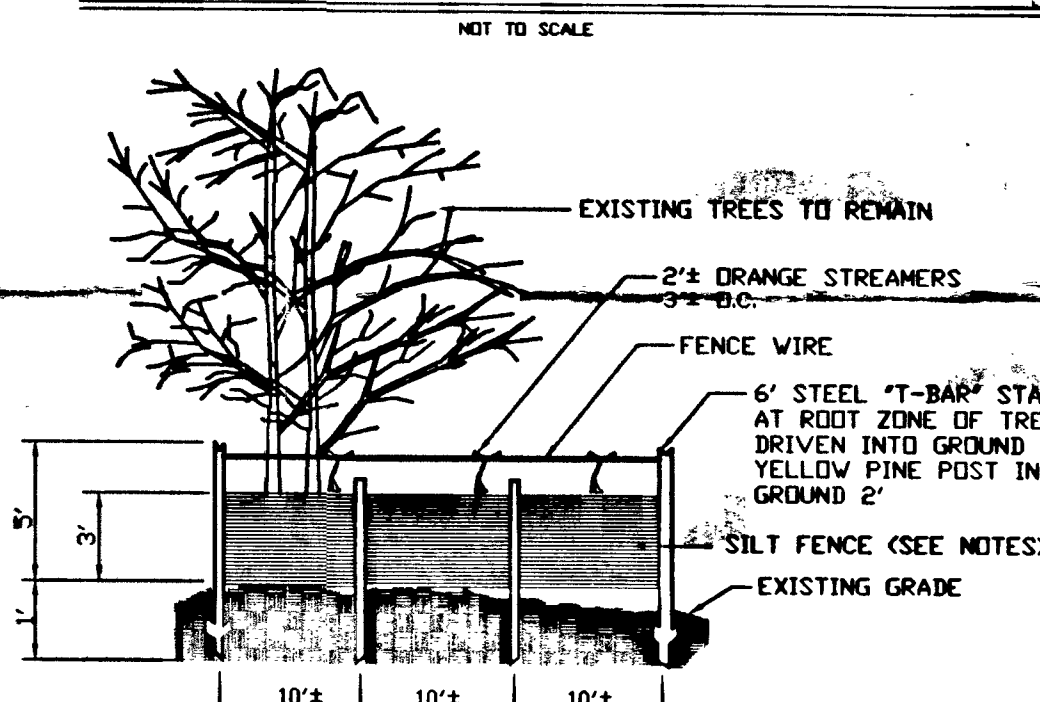
TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED 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 LOOSENED.
SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (84 LBS./1000 SQ. FT.)
SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ. FT.) FOR THE PERIOD MAY 1 THRU AUGUST 31, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000 SQ. FT.) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOU.
MULCHING: APPLY 1 1/2 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 MULCH ANCHORING TOOL OR 250 GALLONS PER ACRE (5 GALLONS/SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER, USE 340 GALLONS PER ACRE (3.4 GALLONS/SQ. FT.) FOR ANCHORING. REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS 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 100 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)
SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 1 1/2 BUSHEL PER ACRE (3.2 LBS./1000 SQ. FT.) OF CENTURY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 50 LBS./ACRE (4 LBS./1000 SQ. FT.) OF CENTURY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ. FT.) OF WEEPING LOVEGRASS DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28. PROTECT SITE BY OPTION (I) - TWO TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (II) - USE SOU. OPTION (III) - SEED WITH 40 LBS./ACRE CENTURY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELLS ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDING.
MULCHING: APPLY 1 TO 2 TONS PER ACRE (10 TO 40 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 250 GALLONS PER ACRE (5 GALLONS/SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER, USE 340 GALLONS PER ACRE (3.4 GALLONS/SQ. FT.) FOR ANCHORING. REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SILT FENCE AND TREE PROTECTION



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

SEQUENCE OF CONSTRUCTION

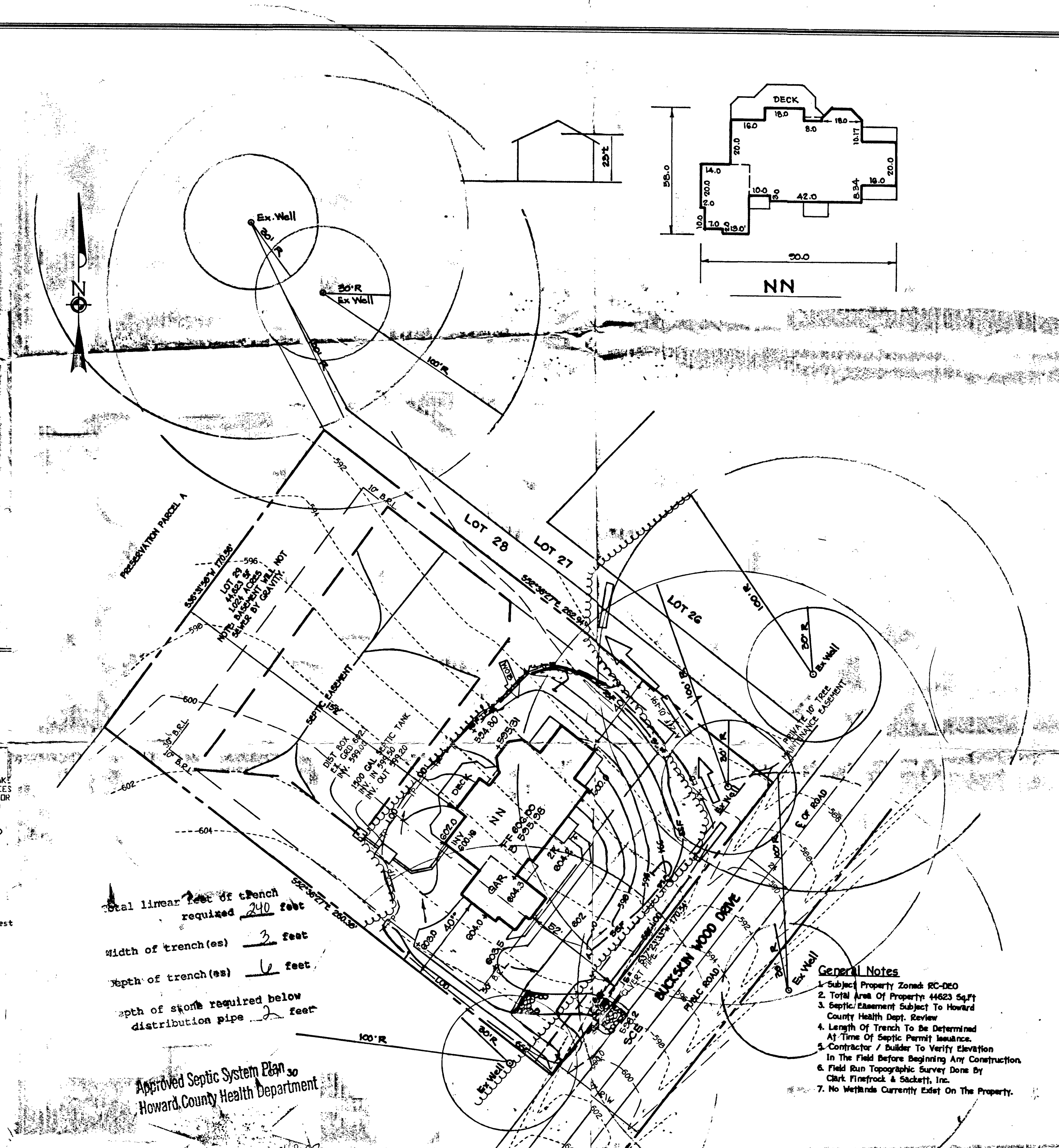
- 1. OBTAIN GRADING PERMIT. 1 DAY
2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN. 1 DAY
3. CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO FINISH GRADE. 1 DAY
4. INSTALL TEMPORARY SEEDING. 1 DAY
5. CONSTRUCT BUILDINGS. 2 MONTHS
6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING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

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 CONSERVATION DISTRICT.

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 CONSERVATION DISTRICT.



LEGEND table with 2 columns: SYMBOL and DESCRIPTION. Includes entries for EXISTING CONTOUR 2' INTERVAL, SPOT ELEVATION, TREE PROTECTION FENCE, SUPER SILT FENCE, PROPOSED WALKOUT, and LIMITS OF DISTURBANCE.

Rev hsc type 4 and from x to NN 3-24-02
JAMES COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

GP.03-08
HOWARD COUNTY SOIL CONSERVATION DISTRICT
9/11/02

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
Jim Meyer 9/11/02
D.A. NATURAL RESOURCES CONSERVATION SERVICE

COLUMBIA BUILDERS
P.O. BOX 999
COLUMBIA, MARYLAND 21044
410-730-3940
8-26-02

EARL COLLINS
8-26-02

SITE DEVELOPMENT, SEDIMENT/EROSION CONTROL PLAN, NOTES & DETAILS
BUCKSKIN RIDGE LOT 29
ZONED RR-DEO 5TH ELECTION DISTRICT SCALE: 1"=30'
PLAT NO. 15522 HOWARD COUNTY, MARYLAND DATE: AUGUST, 2002

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4/15/03 *Amc*

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

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: RL Freezer Co., Inc Telephone #: 410-781-4655
Address: 6321 Barnett Ave
Sykesville, 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. Freezer 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: Joel Essac Plbg Telephone #: 410-442-5780
Subdivision: _____ Lot #: 29 Well Tag #: HO-94-3165
Site Address: 4272 Buckskin Wood Drive
Ellicott City, Md. 21042 94-3165

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Starite Make: Campbell Two piece watertight cap:
Model #: 5P4E02HL Model#: PA800 Screened, vented well cap:
Pump Capacity 5 GPM Depth: 42" (36" min) Cap secured to casing:
Well Yield: 1 GPM NSF approved: Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: 600 (feet) Conduit secured to well cap:
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt

Pipeline to house House Connection
Type: 1" POLY PVC sleeved to undisturbed soil at wall penetration:
PSI: 160 (160 psi min) Approximate length of sleeve: 5'
Depth of supply line: (36" min) Sleeve caulked and sealed properly:

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

Robert L. Freezer 4/14/03
Signature of company representative responsible for installation date

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

Date Insp. Requested: _____ Date Insp. Approved: 4/15/03 (SO)
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

SEQUENCE NO. (MDE USE ONLY) 0626

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER 13 OK KG 11-19-01

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 10/2/01

Depth of Well 600 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-3165

OWNER Floyd Lane LLC STREET OR RFD Buckskin Wood Drive SUBDIVISION Buckskin Ridge TOWN Ellicott City SECTION LOT 29

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, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Top Soil, sandy sand stone, ls rag mid.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (B) NO. OF BAGS 25 NO. OF POUNDS 2500 GALLONS OF WATER 150 DEPTH OF GROUT SEAL 85

CASING RECORD (S) (C) (P) (O) STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE (S) Nominal diameter top (main) casing 6 Total depth of main casing 90

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

SCREEN RECORD (S) (B) (H) (P) (O) STEEL BRASS OPEN HOLE PLASTIC OTHER

Table with columns: DEPTH (nearest ft.), SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

PUMPING TEST

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 28 WHEN PUMPING 255 TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP 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 LAND SURFACE (-) below (nearest foot) 2

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) See plot

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (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.

DRILLERS LIC. NO. 1 M WD 040 DRILLERS SIGNATURE George F. Eastenbury

LIC. NO. 1 M WD 041 DRILLERS SIGNATURE George F. Eastenbury

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

10/19/01
8:00

Review KG

Page _____ of _____
Date _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3165
Location of property (road) Buckskin Wood Drive
Subdivision Buckskin Ridge Lot 29 Block _____ Plat _____ Sec. _____
Well Driller G. Easterday Owner Floyd Lane LLC

Depth of well 600 39PM
Distance of measuring point (M.P.) above ground 2 FT
Static water level (S.W.L.) below M.P. 2.8 FT

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 15 GPM
Total time 45 min to reach pumping water level 2.52 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used) Pump set	CALCULATED FLOW (gallons per minute)
9:15	2.55 FT	15 Sec	3.85 FT	4 GPM
9:30	2.55 FT	15 Sec		4 GPM
9:45	2.55 FT	15 Sec		4 GPM
10:00	2.55 FT	15 Sec		4 GPM
10:15	2.55 FT	15 Sec		4 GPM
10:30	2.55 FT	15 Sec		4 GPM
10:45	2.55 FT	15 Sec		4 GPM
11:00	2.55 FT	15 Sec		4 GPM
11:15	2.55 FT	15 Sec		4 GPM
11:30	2.55 FT	15 Sec		4 GPM
11:45	2.55 FT	15 Sec		4 GPM
12:00	2.55 FT	15 Sec		4 GPM
12:15	2.55 FT	15 Sec		4 GPM
12:30				
12:45				
1:00				
1:15	Tested by <u>Didde</u>			
1:30				
1:45				
2:00				
2:15				
2:30				
2:45				
3:00				

B 1 9254

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-94-3165

W515311 please print or type

Date Received (APA)

06-28-01

OWNER INFORMATION

8646

Floyd Lane L L C

15 Last Name Owner First Name 34

P. O. Box 999

36 Street or RFD 55

Columbia, Md 21044

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

George F. Easterday

M W D 040

Driller's Name 76 License No. 81

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., MT. Airy, Md. 21771

Address

Signature: George F. Easterday Date: 6/25/2001

B 3

Howard

LOCATION OF WELL

CC#

8 COUNTY 21

Buckskin Ridge

23 SUBDIVISION 42

SECTION 44 46 LOT 29 48 50

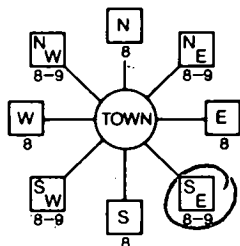
Glenelg

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 73 76 77 78

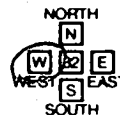
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Buckskin Wood Drive

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE; BOX)



NEAR WHAT ROAD 30
DISTANCE FROM ROAD Ft. 20
ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL _____

B 2

WELL INFORMATION

5

APPROX. PUMPING RATE (GAL. PER MIN.)

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13
COUNTY NAME COUNTY NO

STATE SIGNATURE INSERT S

DATE ISSUED 07-25-01
43 MM DD YY 48 CO SIGNATURE EXP DATE

NORTH GRID 50 000 55 EAST GRID 0806 000 63

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) AIR-ROTary
- JETTED AIR-PERcussion
- Jetted & DRIVEN ROTARY (Hydraulic Rotary)
- CABLE REVerse-ROTary
- DRive:POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

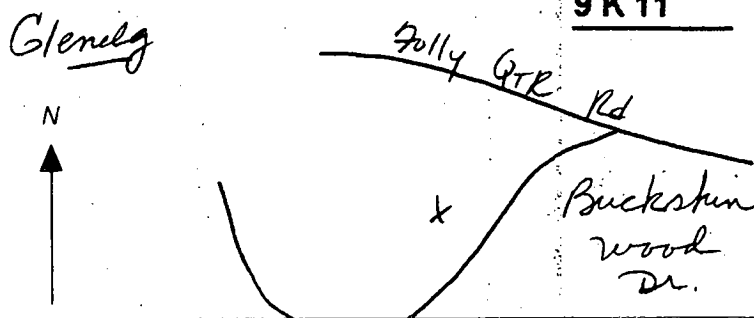
- 1. wells
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

800 6
510 9

10/12/01 X
Grout
8-9 A.M.
600' well
90' casing
88" annular
24 bags cement
30' grout line

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



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER H020000011

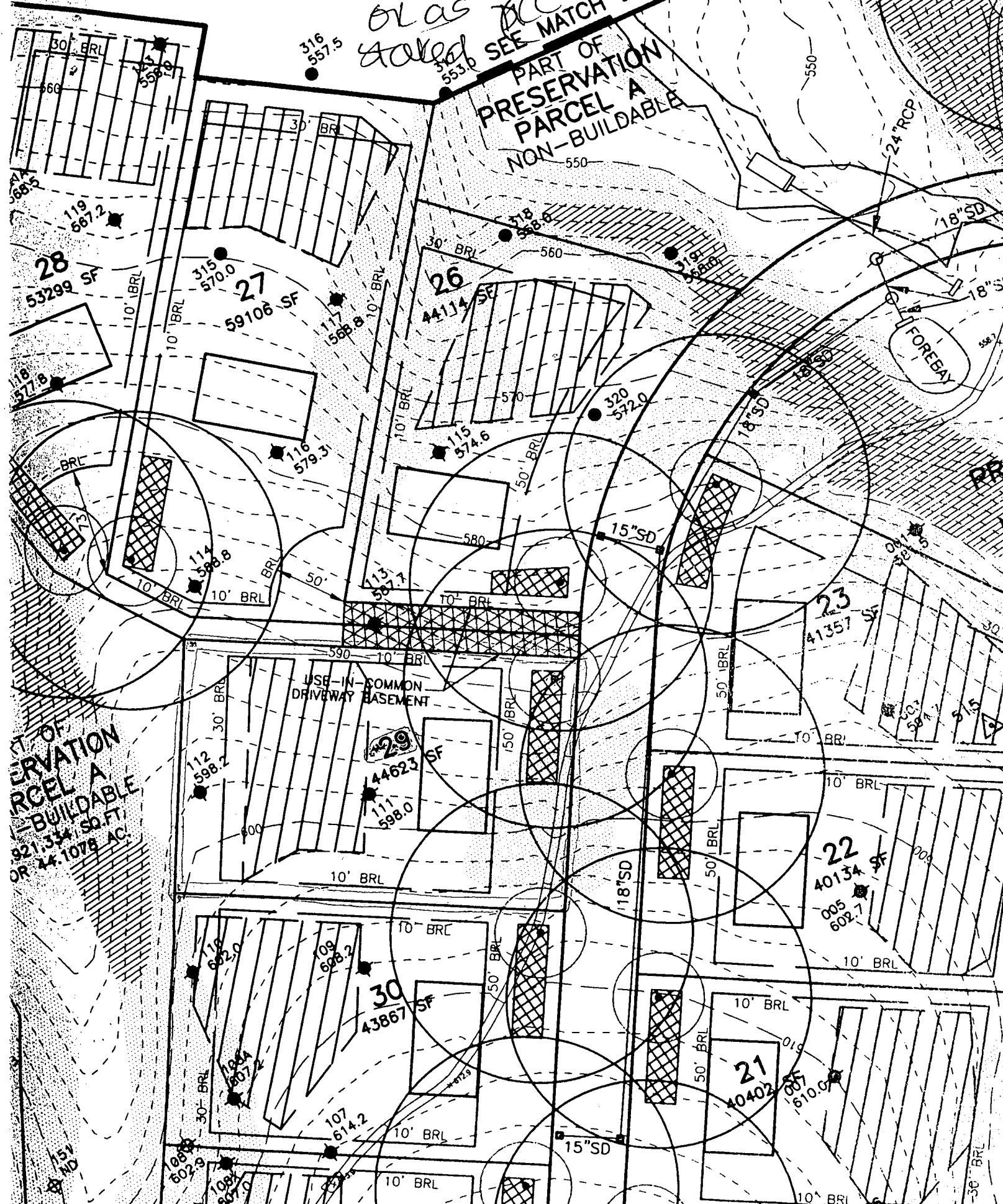
PERMIT No. 40-94-3165

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

7/29/01
well site
bl as stated

SEE MATCH LINE SHEET 2
PART OF
PRESERVATION
PARCEL A
NON-BUILDABLE



PART OF
PRESERVATION
PARCEL A
NON-BUILDABLE
921,334 SQ. FT.
OR 21.1078 AC.

APPLICATION

PERCOLATION TESTING

A _____

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. 23 (29)

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

118

top soil

org bn
cl lm

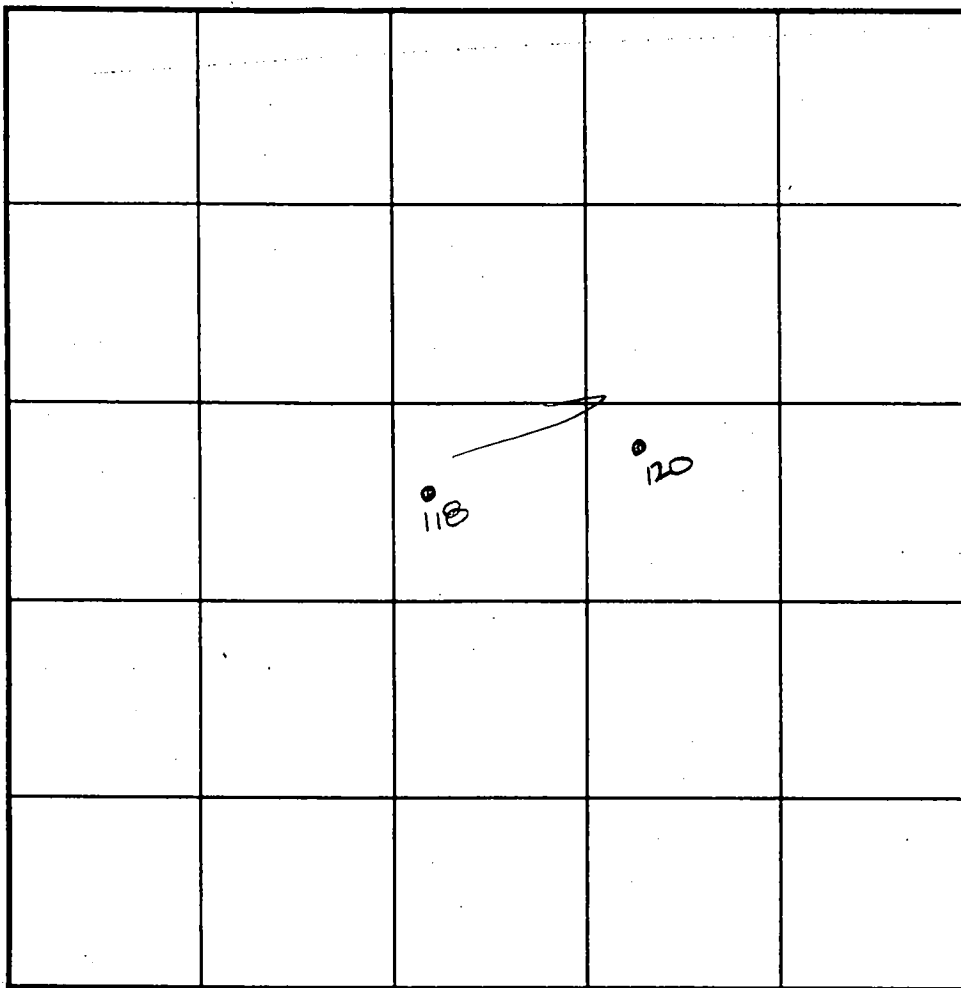
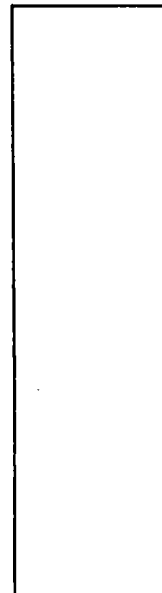
med
pe bn
sa mica
lm

35%

sapr
sh

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

120

top soil

org bn
cl lm
few bdrs

pate
org bn
sa mica

lm

wl

30%

sapr
sh

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-4-00	118	3.5' S	3:53	4:00 ₂	4:00 ₂	4:14 ₂	14
		11.0' D	visual	- see	profile		OK
	120	4.5' S	3:58 ₃	4:03	4:03	4:09	6
		12.5' D	visual	- see	profile		OK

REMARKS holes tested as stated

TYPE OF SOIL _____

TESTED BY DKE ALSO PRESENT C. Tepp, T. Peaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

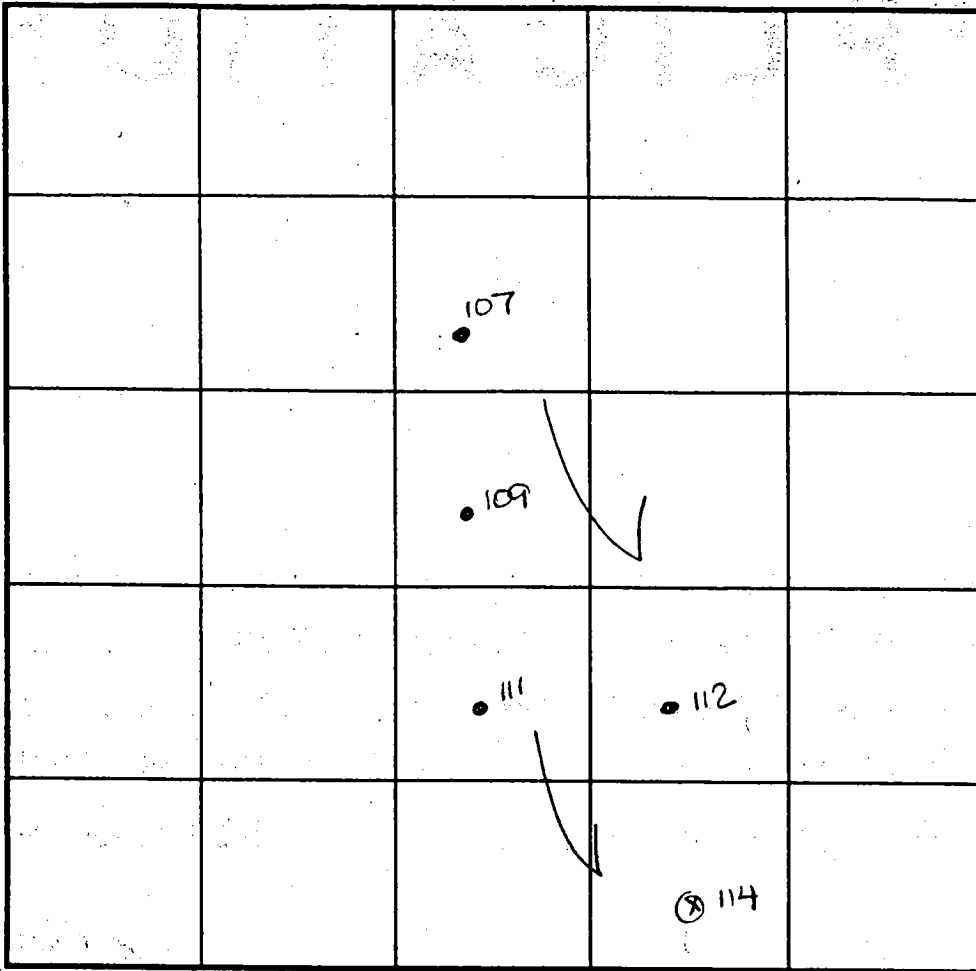
COUNTY #

SOIL PROFILE

0' 112
 3" top soil
 5" org bn
 cl lm
 4' br
 org bn
 sa cl lm
 w mica
 4' med
 red bn
 sa mica
 lm
 w/20% sh
 10' 15%
 11' s

107
 6" top soil
 org bn
 cl lm
 4' br
 org red
 bn
 sa mica
 lm
 w/25% sh
 2' s

109
 6" top soil
 org bn
 cl lm
 4' med
 org bn
 to
 med red
 bn
 sa mica
 lm
 15%
 s



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 111
 6" top soil
 br
 org bn
 cl lm
 4' med
 pe bn
 sa mica
 lm
 15-20%
 s
 11.5'
 0' 114
 6" top soil
 br
 org bn
 cl lm
 3.5'
 4' pale
 org red
 bn
 sa mica
 lm 15% sh
 12.5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-4-00	112	3.5' S	12:46 ₂	slow	test stopped		—
		11.0' D	Visual	- see	profile		OK
	107	12.0' D	Visual	- see	profile		OK
	109	4.0' S	12:55 ₂	12:56	12:56	12:57 ₂	2
		11.5' D	Visual	- see	profile		OK
	112	4.5' M	2:43	2:44 ₂	2:44 ₂	2:47 ₃	3
	111	4.0' S	2:58	3:01	3:01	3:06 ₂	5
		11.5' D	Visual	- see	profile		OK
	114	4.0' S	3:01 ₃	3:03	3:03	3:06	3
		12.5' D	Visual	- see	profile		OK

REMARKS holes tested as staked, except 114
 TYPE OF SOIL _____
 TESTED BY DKS ALSO PRESENT C. Lepp, T. Feaga
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 513618-DD

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. 26 (29)

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

121

0' topsoil

6" org brn cl lm

3.5' med org brn sa mica lm

25%+ sapr sh

10' Hard rock patch

12'

13'

122

0' topsoil

6" org red brn cl lm

3' br org red to lt brn sa mica lm

15%+ sapr sh

13'

123

0' topsoil

6" org brn cl lm

4.5' med org brn sa mica lm

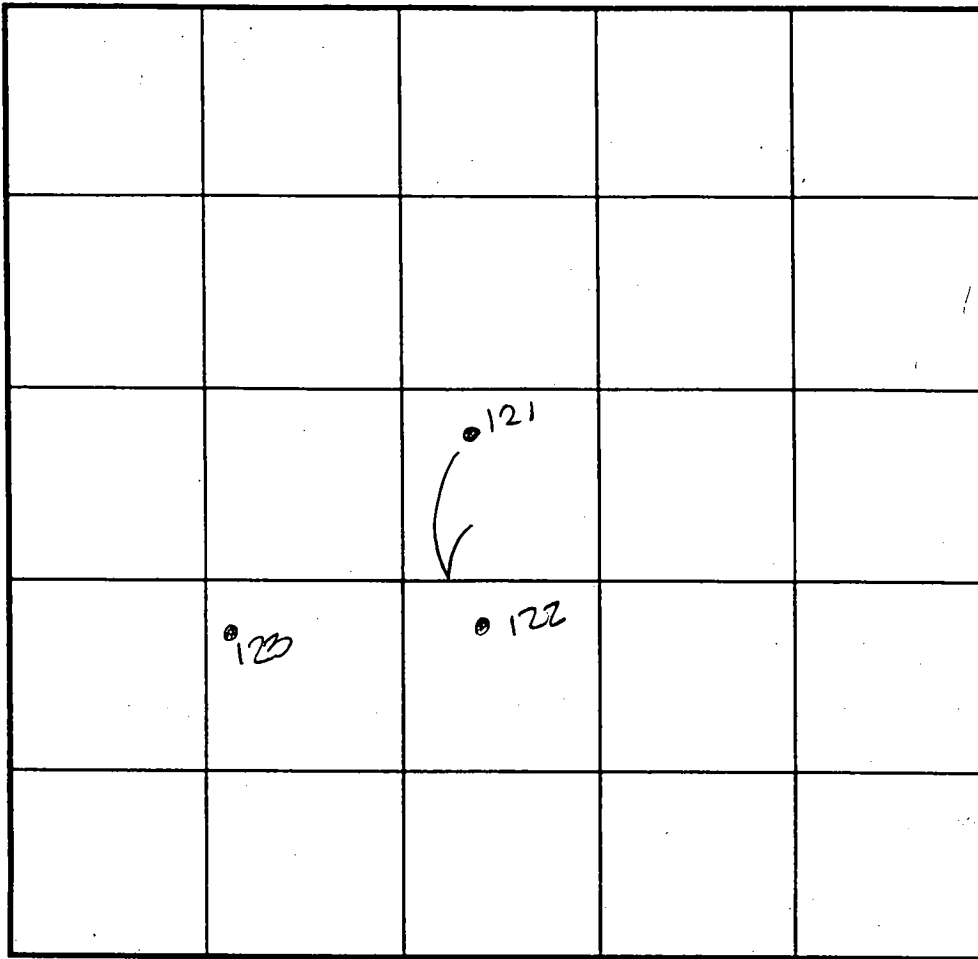
7' Hard rock

8.5' med red brn sa mica lm

13'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-14-00	121	13.0'D	Visual	- see	profile		FAIL
	122	4.0'S	11:22	11:23	11:23	11:26	3
		13.0'D	Visual	- see	profile		OK
	123	13.0'D	Visual	- see	profile		OK
	121	4.0'S	4:25	test	stopped		—
		7.5'M	4:26	4:27	4:27	4:28	1
	123	4.5'S	4:34	4:44	4:44	4:59	15

REMARKS holes tested as staked

TYPE OF SOIL _____

TESTED BY DIC ALSO PRESENT C. Zepp, T. Peaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

A _____

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:

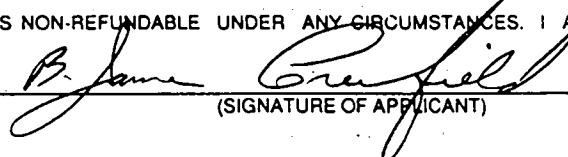
SUBDIVISION _____ LOT NO. 87

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.


(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
121 A

0'
6" topsoil

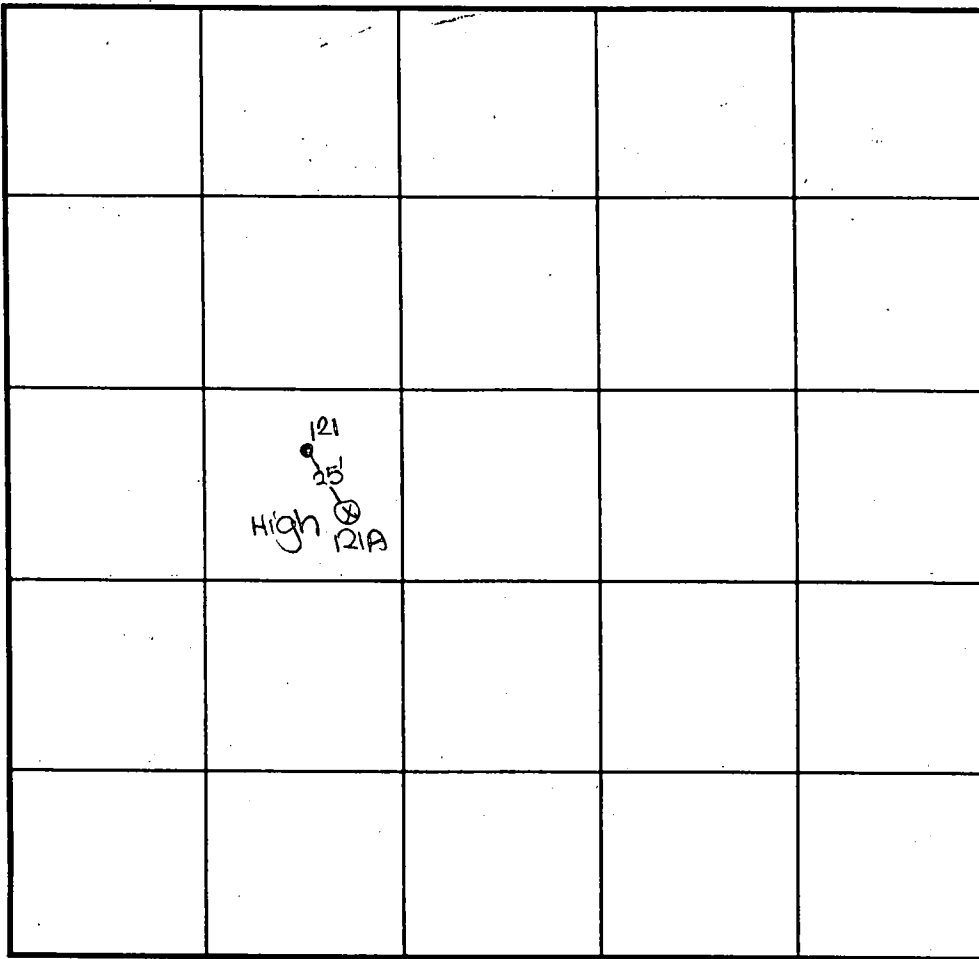
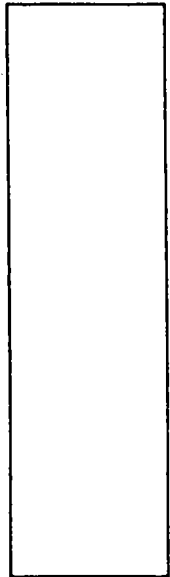
3.5' org brn cl lm

med pz brn sa mica lm

15%+ sapor

(2)

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-15-00	121 A	4.0 's	2:24	2:24 ₃	2:24 ₃	2:26	2
		12.0 'D	visual	-see	profile		OK

REMARKS ⊗ = test hole not started

TYPE OF SOIL _____

TESTED BY DKS ALSO PRESENT C. Zepp, T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

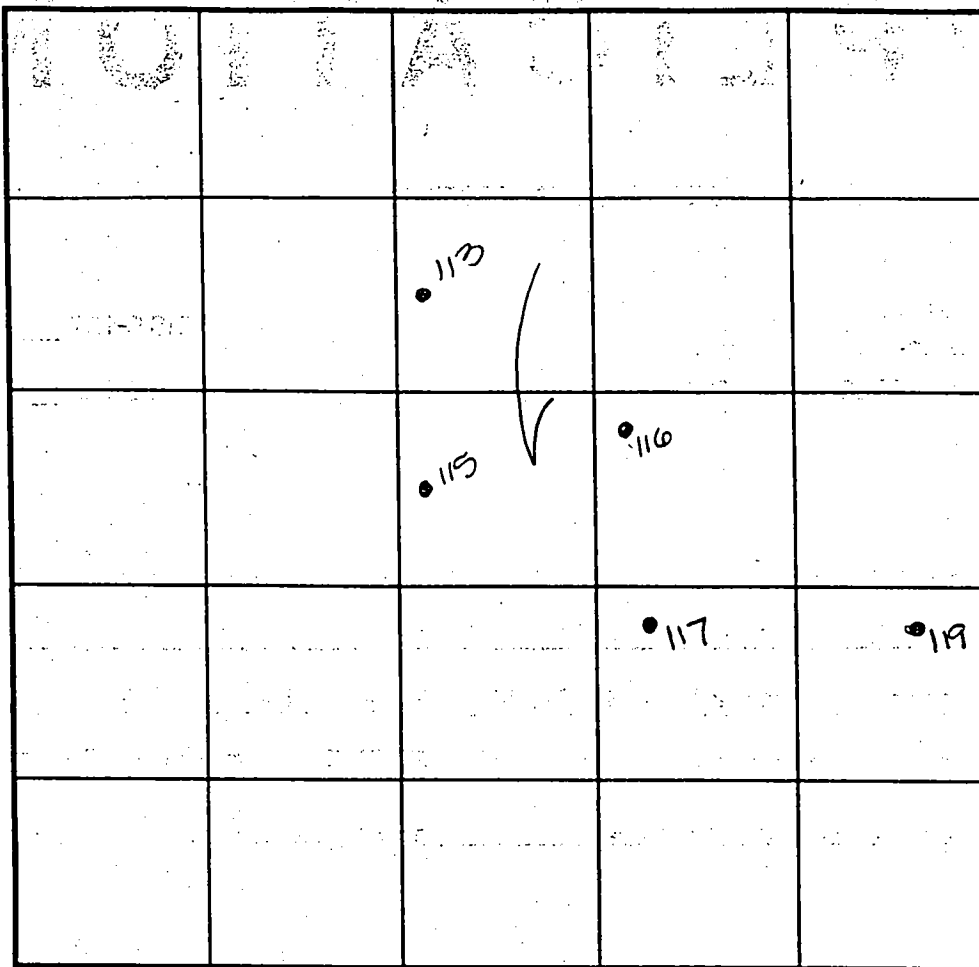
COUNTY #

SOIL PROFILE

113
 0" topsoil
 6" br org btm cl lm
 5" med red btm sa mica lm
 2' 10-15% sapor sh

116
 0" topsoil
 6" org btm cl lm
 3.5" med org btm sa mica lm
 4" 20% sapor sh

115
 0" topsoil
 6" org btm sa cl lm
 0.5" pale org pk tan sa mica lm
 2.5" 10-15% sapor sh



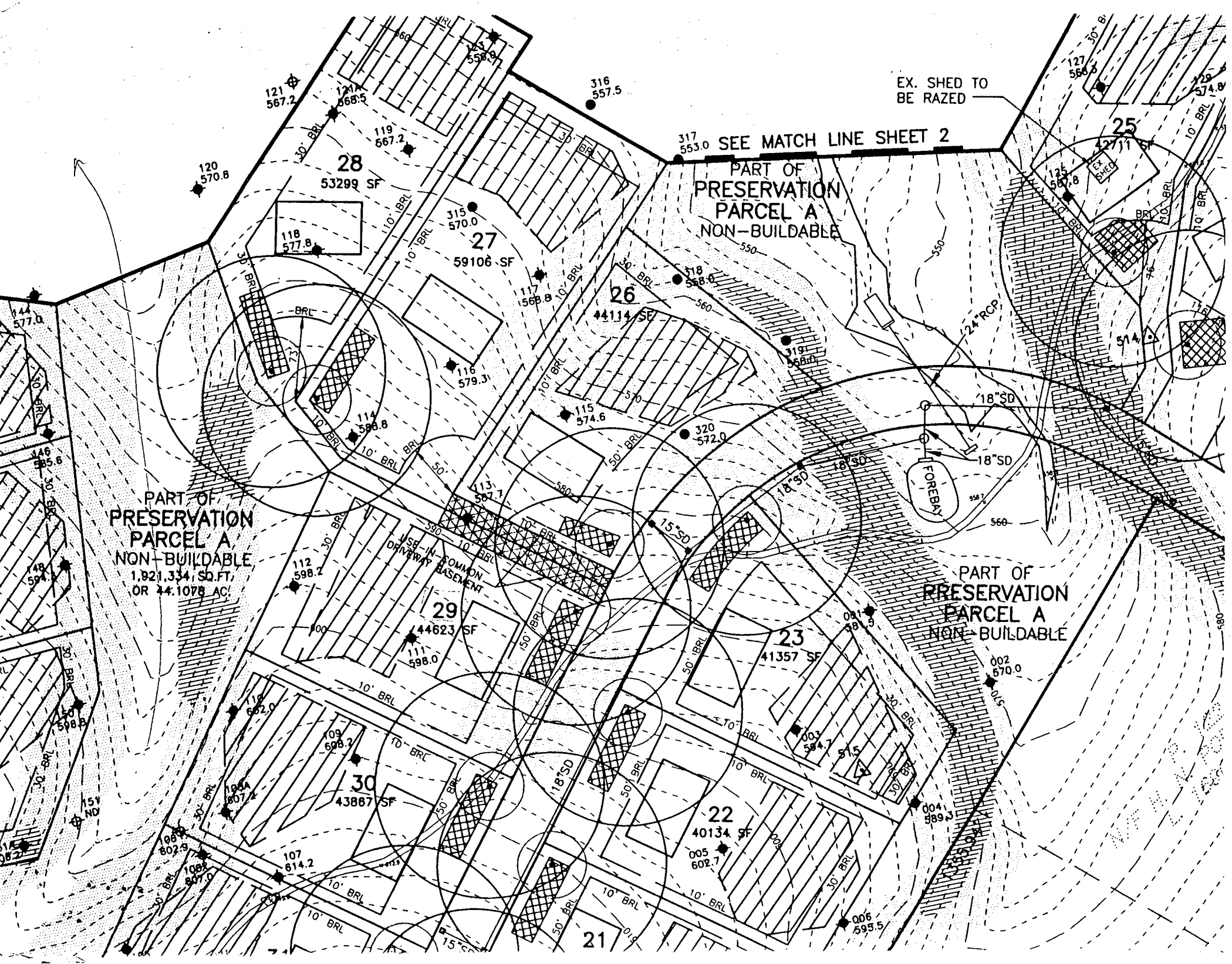
SOIL PROFILE

117
 0" topsoil
 6" br org btm cl lm
 4.5" med red btm sa mica lm
 15% sapor sh
 12.5" 119
 0" topsoil
 6" org btm cl lm
 3.5" tan sa mica lm
 12" 10% sapor sh

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-4-00	113	4.0'S	3:09	3:11	3:11	3:13	2
		12.0'D	Visual	- See	profile		OK
	116	11.0'D	Visual	- see	profile		OK
	117	4.0'S	3:20	3:30	little slow		OK below
		12.5'D	Visual	- see	profile		OK
	115	12.5'D	Visual	- See	profile		OK
	119	4.0'S	3:30	3:31	3:31	3:33	3
		12.0'D	Visual	- see	profile		OK

REMARKS: holes tested as staked
 TYPE OF SOIL _____
 TESTED BY: DKS ALSO PRESENT: C. Zepp, T. Feaga
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



EX. SHED TO BE RAZED

317 553.0 SEE MATCH LINE SHEET 2

PART OF PRESERVATION PARCEL A NON-BUILDABLE

PART OF PRESERVATION PARCEL A NON-BUILDABLE 1,821,334 SQ. FT. OR 44.1078 AC.

PART OF PRESERVATION PARCEL A NON-BUILDABLE

21

25

26

27

28

29

23

30

22

SEE MATCH LINE SHEET 3

PART OF PRESERVATION PARCEL A NON-BUILDABLE

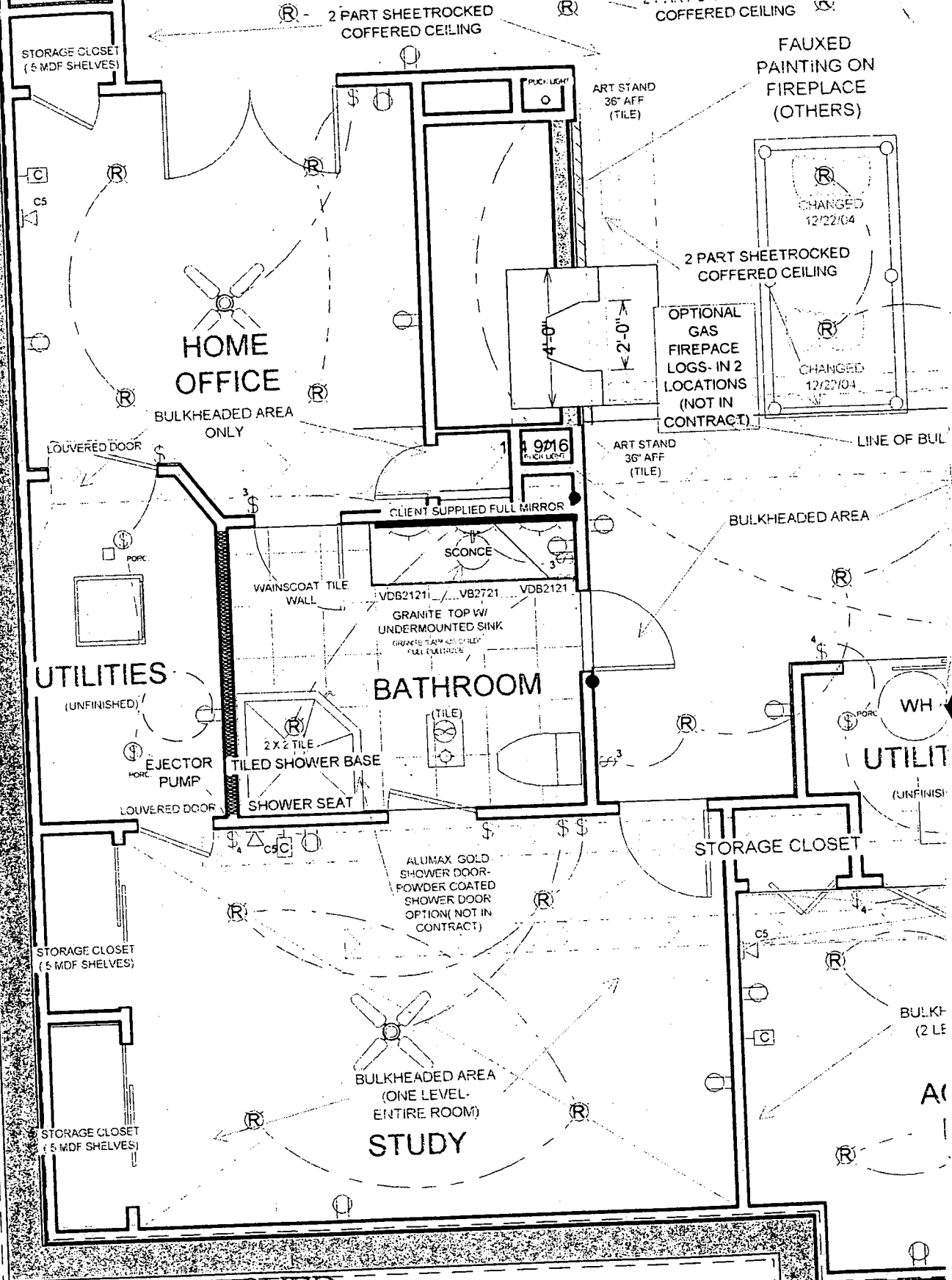
S 1

S 2

PART OF PRESERVATION PARCEL A NON-BUILDABLE

ATION A DABLE 50. FT. 1/4 AC.





APPROVED

WALK-THRU BUILDING PERMIT
 BP# B00157958 A# 513618-DD
 APP. SAN KJB DATE: 1/15/05
 DESC. OF WORK: Finish Basement
NO New Bedrooms