

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-332101

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

P 513319

A 511465

DISTRICT

DATE 3/15/2000

DATE SYSTEM APPROVED 5/3/00

INSPECTOR BB

JACK FYOCK SEPTIC SERVICE
P.O. BOX 89, GLENELG, MD 21737
ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157
PHONE 410-875-4197

SUBDIVISION Holly House Farm LOT 1 ROAD 12011 Triadelphia Road

PROPERTY OWNER Matthew & Robin Turner

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 240.47' and 199.27' lot lines, begin trenches 150 feet down the 199.27' lot line and 90 feet off that same lot line. Run trenches on contour.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 11/19/99 OK ALL

PLANS APPROVED BY Amy McMillen DATE 10-28-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

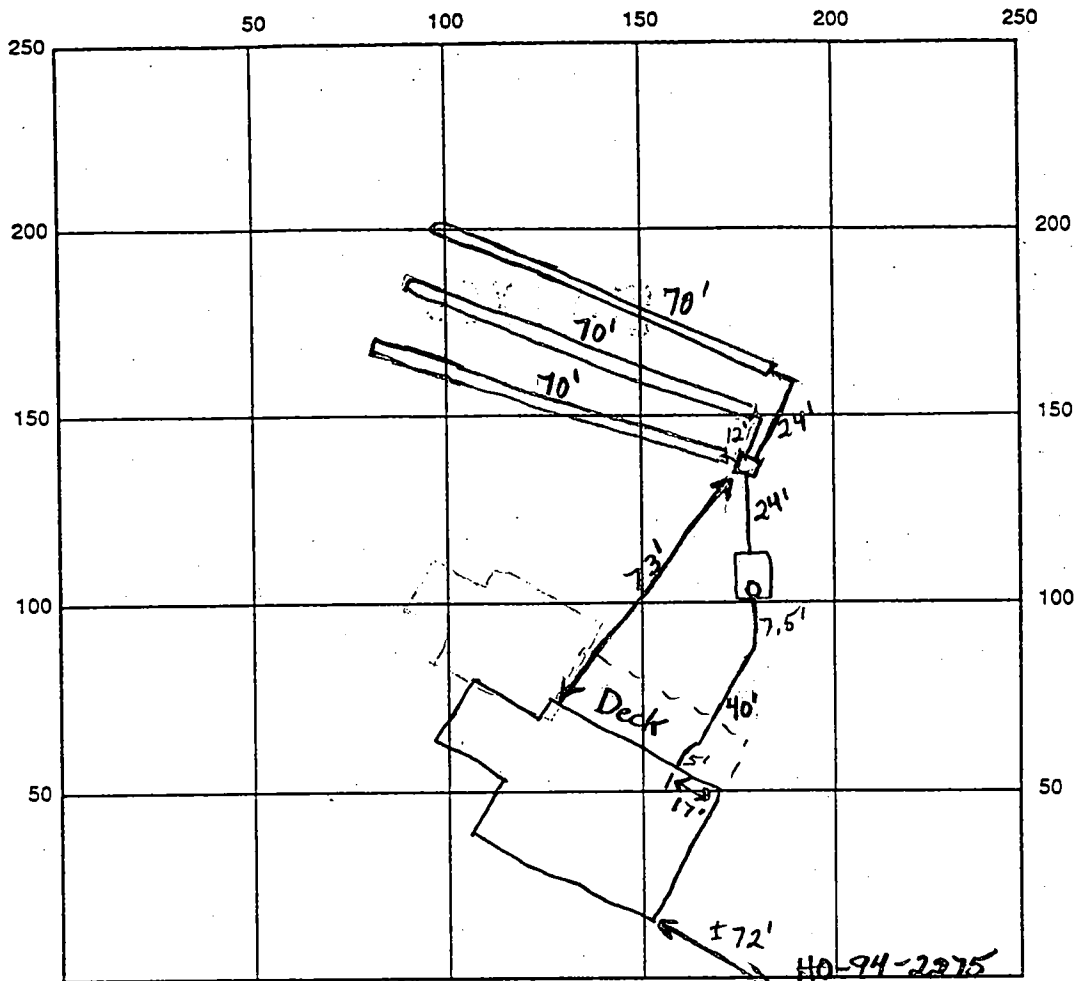
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A-511465



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Gravel Access Road

SEPTIC TANK LEVEL 1000 gal mid-scan CLEANOUTS 1- 8" Tank

DISTRIBUTION BOX LEVEL O.K.

DRAIN FIELD/TITLE DEPTH 6.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 4.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 3 x 70' FT. (210' Total)

NUMBER OF TRENCHES 3 ~~area~~ BOTTOM AREA 630 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 5/3/00 House Connection Made. Everything O.K. O.K. to cover everything. Trenches installed within staked septic easement area. (22)

DATE SYSTEM APPROVED 5/3/00 INSPECTOR Brian Baker

GENERAL NOTES

SEPTIC SYSTEM SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT

- PROPOSED 1500 GALLON SEPTIC TANK
- A. FIRST FLOOR ELEVATION: 492.5
- B. BASEMENT ELEVATION: 483.5
- C. INVERT OF SEPTIC SYSTEM AT HOUSE: 481.20
- D. INVERT IN AT SEPTIC TANK: 480.30
- E. INVERT OUT AT SEPTIC TANK: 480.20
- F. PROPOSED GRADE OVER SEPTIC TANK: 483.00
- G. INVERT AT DISTRIBUTION BOX: 479.00
- H. EXISTING GROUND OVER DISTRIBUTION BOX: 483.00
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT
- ISSUANCE
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING, SURVEYING, PLANNING & LAND SERVICES
10000 WOODBURN RD. #202 WOODBURN, MD 20094
TEL: 443-221-1100 FAX: 443-221-1101
WWW.FCCARTER.COM



Total linear feet of trench required 210 feet

Width of trench(es) 3.0 feet

Depth of trench(es) 6.0 feet

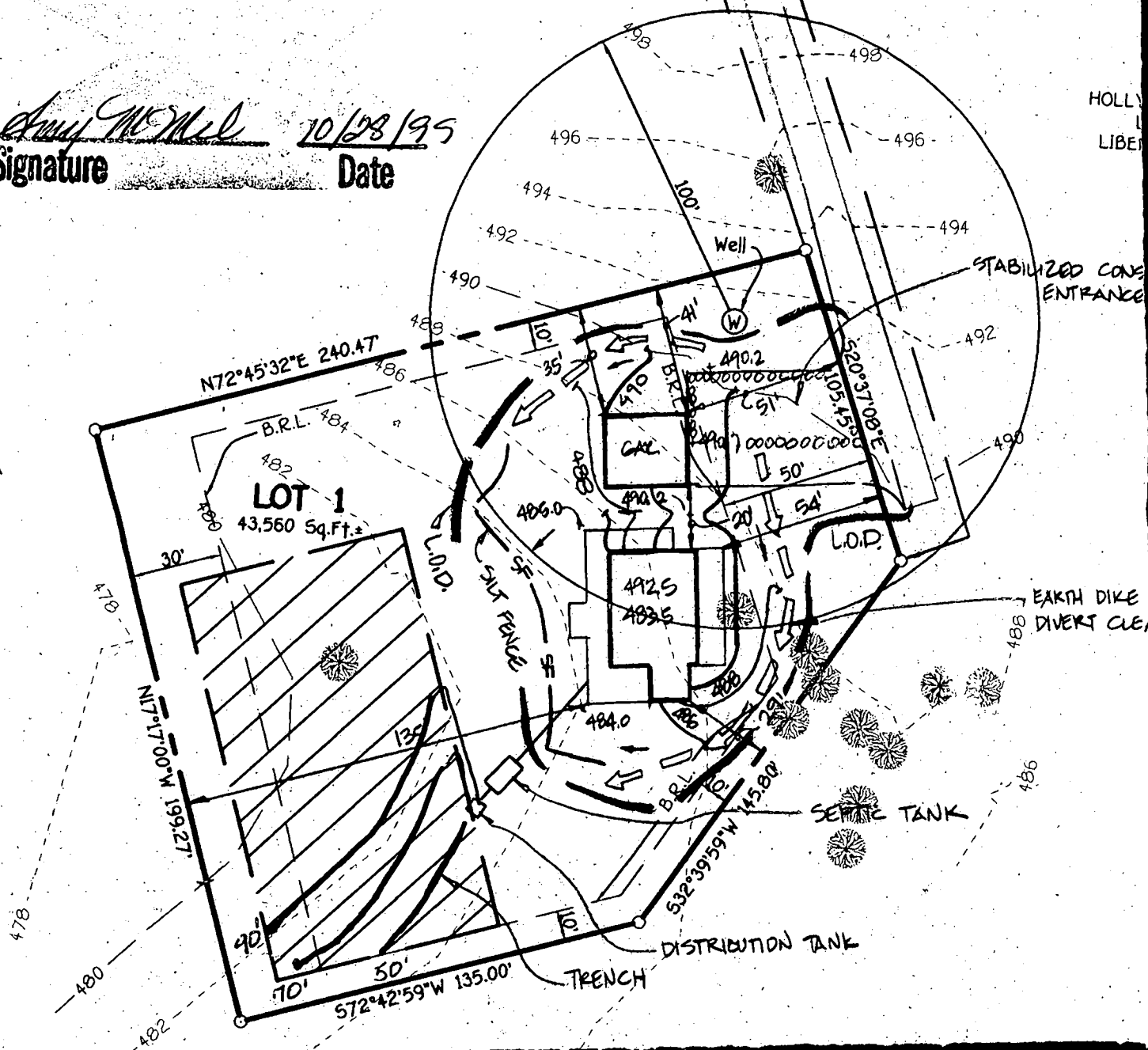
Depth of stone required below distribution pipe 2.0 feet

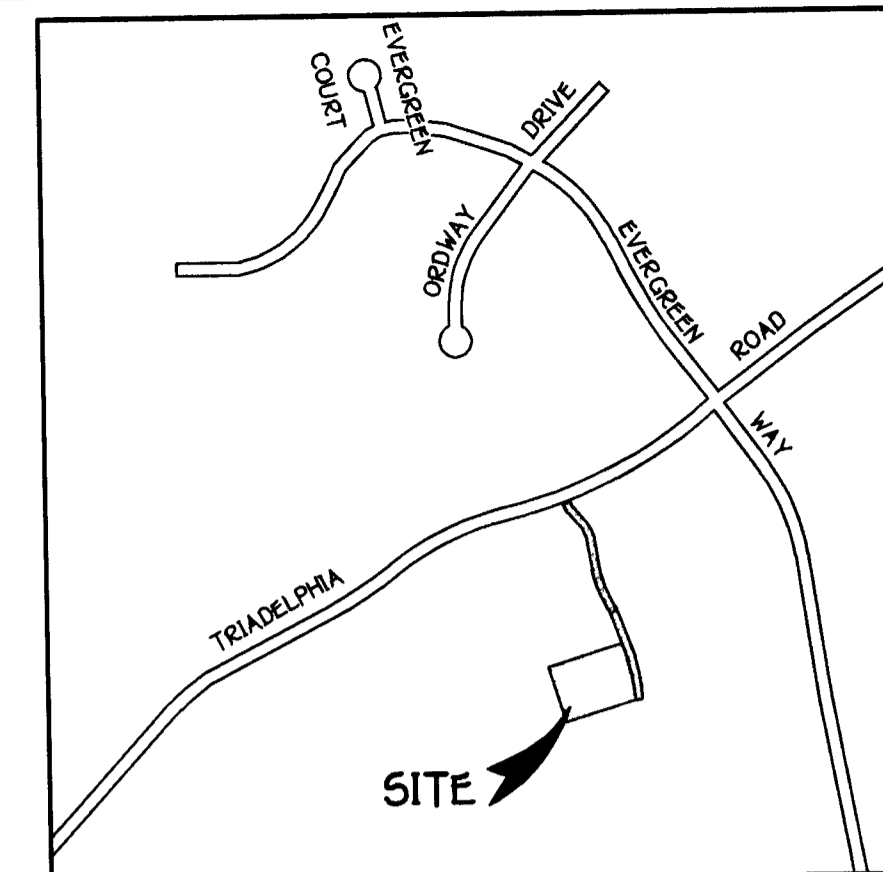
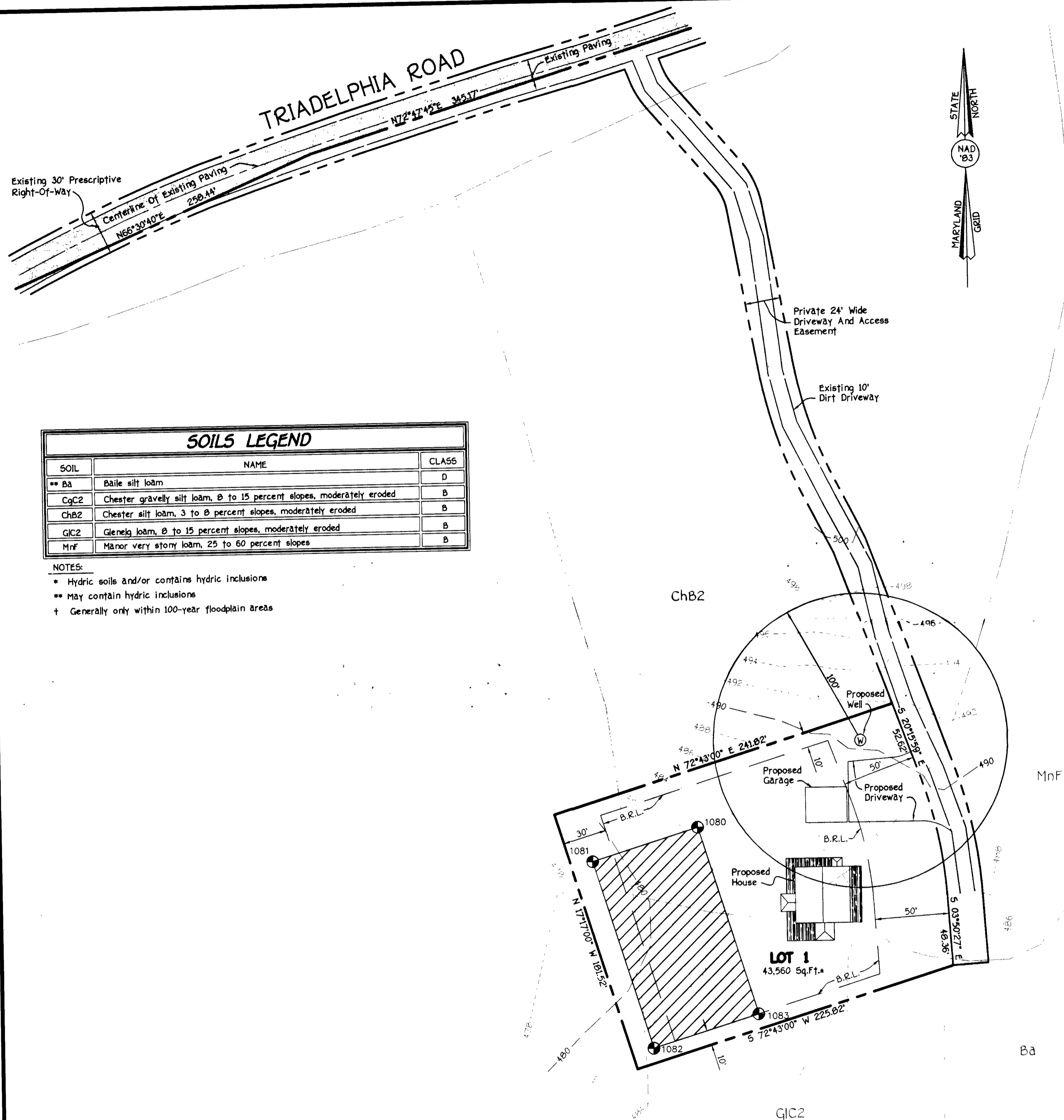
PROPOSED 12' WIDE DRIVEWAY

PRIVATE 24' WIDE DRIVEWAY AND ACCESS EASEMENT

Approved Septic System Plan
Howard County Health Department

Ann McMill 10/28/95
Signature Date





VICINITY MAP
SCALE : 1" = 1200'

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- ⊙ DENOTES PROPOSED WELL LOCATION.
- TOPOGRAPHY BASED ON FIELD SURVEY PERFORMED BY FISHER, COLLINS AND CARTER, INC. DURING MARCH, 1999.
- OWNER & DEVELOPER:
MR. AND MRS. TURNER
3552 FOLLY QUARTER ROAD
ELLCOTT CITY, MARYLAND 21042
- ⊕ DENOTES FIELD SURVEY LOCATION OF EXCAVATED PERCOLATION TEST SITES OBSERVED BY HOWARD COUNTY HEALTH DEPARTMENT.

PERCOLATION CERTIFICATION **BECK PROPERTY** (HOLLY HOUSE FARM) LOT 1

TAX MAP *23
THIRD ELECTION DISTRICT
SCALE: 1"=50'

PARCEL 3
HOWARD COUNTY, MARYLAND
DATE: MAY 25, 1999

SOILS LEGEND		
SOIL	NAME	CLASS
** B3	Baile silt loam	D
CgC2	Chester gravelly silt loam, 0 to 15 percent slopes, moderately eroded	B
ChB2	Chester silt loam, 3 to 0 percent slopes, moderately eroded	B
GIC2	Glenelg loam, 0 to 15 percent slopes, moderately eroded	B
MnF	Manor very stony loam, 25 to 60 percent slopes	B

NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- + Generally only within 100-year floodplain areas

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

One Mates 6/7/99
COUNTY HEALTH OFFICER DATE

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

5/14/99
10:00

APPLICATION

PERCOLATION TESTING

A 511465

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 3/18/99

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 Holly House Farm LLC Robin and Matthew Turner

ADDRESS 3500 Folly Quarter Rd Ellicott City MD 21042 PHONE 410-531-5455

AGENT OR PROSPECTIVE BUYER Robin and Matthew Turner

ADDRESS 3552 Folly Quarter Rd Ellicott City MD 21042 PHONE 410-531-4852

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION TRid-elpia Rd, just past Evergreen way estate, logging rd
on left 3500 Folly Quarter Rd
Ellicott City, Maryland 12011 + TRid-elpia Road 21042

TAX MAP 03 PARCEL # 286576-03

SIZE OF LOT 1 ACRE TYPE BLDG. Single Family Dwelling
(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

0' **A**
dark
orange
brown
siltclm

5.0' 1qt or
tan
Salm

10.0' 1qt white
decayed
feldspar
Salm
no rock

13.0'

B

0' or brn
siltclm

5.0' 1qt
or tan
Salm
<50%
Rx

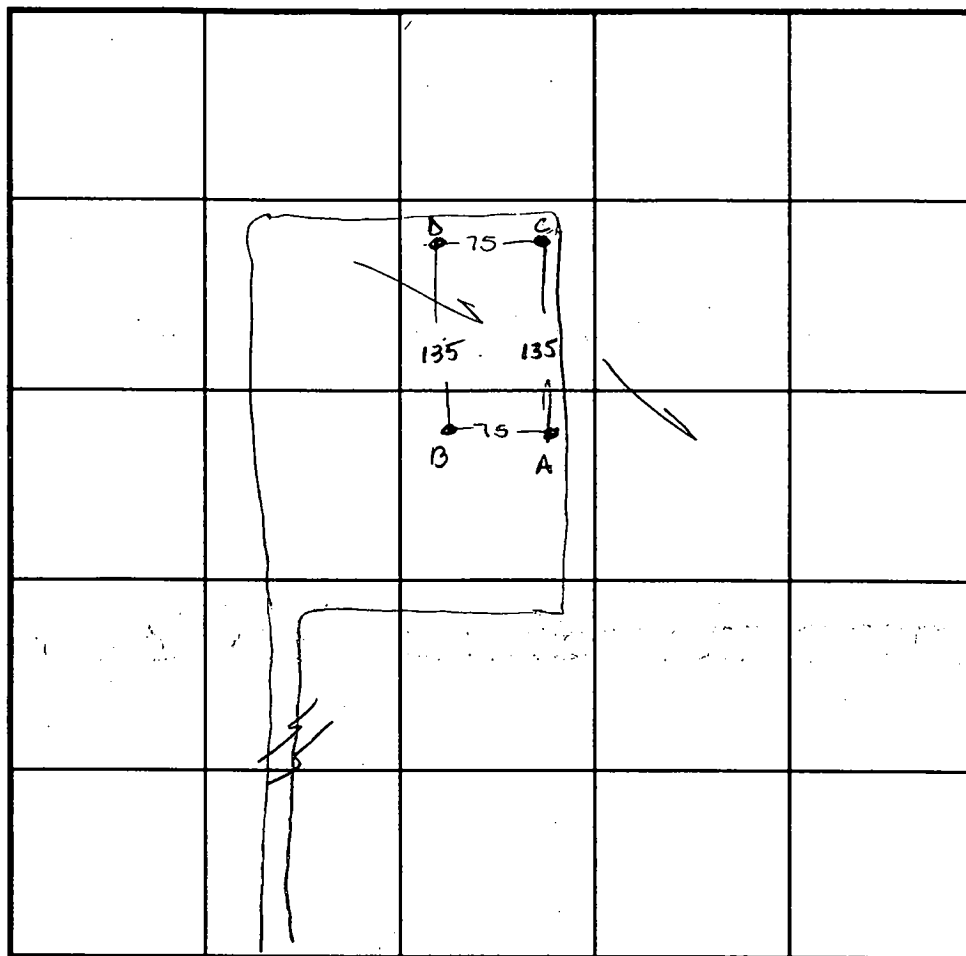
13.0'

C

0' dark
brown
siltclm

3.0' 1qt
orange
Salm

13.0'



SOIL PROFILE

0' **D**
like
C
but
clay
dark
brown
to
4.0'

13.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Philadelphia Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-14-99	A	5.0' / 13.0'	10:20	10:30	10:30	10:50	20min
	B	4.5' / 14.0'	10:25	10:32	10:32	10:46	14min
	C	3.0' / 13.0'	10:47	10:49	10:49	10:52	3min
	D	Visual	to 12.5- See profile		—		OK

REMARKS Exact location & topo undeterminable due to heavy undergrowth

TYPE OF SOIL _____

TESTED BY Amy McMillen

ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 10 min TRENCH WIDTH 3.0INLET DEPTH 4.0 MAXIMUM BOTTOM DEPTH 6.0 SQ. FT./BEDROOM 210

Howard County Department of Planning and Zoning
Division of Land Development

WAIVER PETITION APPLICATION

Date Submitted/Accepted _____ DPZ File Number _____

I. **Site Description**

Subdivision Name/Property Identification: Holly House Farm, Lot 1

Location of property: South side of Triadelphia Road, + 400' west of Intersection of
(Road name and nearest public road intersection) Evergreen Way and Triadelphia Road

Agricultural Residential (1 Acre Permitted Child's Lot)
(Existing Use) (Proposed Use)

23 1 Part of Parcel #3 Third
(Tax Map) (Grid/Block No.) (Parcel No.) (Election District)

RC-DEO 1.000 Acre +
(Zoning District) (Total Area)

Provide a brief site history including reference to all previously submitted or currently active plans on file with the County (subdivision plans, Board of Appeals petitions, waiver petitions, etc.)

Total Property is subject to the Agricultural Preservation Program. A single residential
is proposed containing 1.000 acre and the creation of this lot is consistent with the
requirements of the Agricultural Land Preservation Program. The submittal of the final
subdivision plat for Lot 1 has been assigned Department of Planning and Zoning File

No. 99-203.

II. **Waiver Request**

In accordance with Section 16.104 of the Howard County Subdivision and Land Development Regulations, the Department of Planning and Zoning, in conjunction with the Subdivision Review Committee, may grant waivers of modifications to the minimum requirements stipulated within the Regulations.

In the area below, the petitioner shall enumerate the specific numerical section(s) from the Subdivision and Land Development Regulations for which a waiver is being requested and provide a brief summary of the regulation. Attach a separate sheet if additional information is appropriate.

<u>Section Reference No.</u>	<u>Summary of Regulation</u>
1. <u>16.119 (f) (3)</u>	<u>For minor subdivisions approval of access of use-in-common</u> <u>driveway onto major collector roadway that meets adequate</u> <u>sight distance requirements.</u>
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

9999 Approved - No comment

III. *Justification*

All waiver requests must be fully justified by the petitioner. Justification must be specific to the subject property. The justification provided by the petitioner should include all factors which rationalize or substantiate the request in accordance with the following criteria:

- a. Summarize any extraordinary hardships or practical difficulties which may result from strict compliance with the Regulations.
- b. Verify that the intent of the Regulations will be served to a greater extent through the implementation of the alternative proposal.
- c. Substantiate that approval of the waiver will not be detrimental to the public interests.
- d. Confirm that approval of the waiver will not nullify the intent of the Regulations.

SEE ATTACHED NARRATIVE

[illegible]

IV. Plan Exhibit

A. Number of Copies Required

The waiver petition application must be accompanied by copies of a detailed plot plan, subdivision plat or site development plan (14 sets of the completed waiver form and plan exhibit if the subject property adjoins a County road; 18 sets for properties adjoining a State road). In instances where the waiver request concerns an approval extension, only 2 sets of plans are required along with 14 or 18 copies of the application form. **Plans must be folded to a size no larger than 7-1/2" x 12".**

B. Plan Requirement Checklist

The detailed waiver petition exhibit, plot plan, subdivision plan or site development plan must indicate the following required information relevant to the waiver request to ensure acceptance of the waiver petition application for processing.

Legend: ✓ Information Provided X Information Not Provided,
NA Not Applicable Justification Attached

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

FAX: 313-2648 PHONE: 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt #
Date 3/15/00

Name of Installer ROBT. L. FEEZER CO. INC.

Telephone 410-781-4115

License Number 2122

Certified Well Pump Installer ☒ Well Driller ☐ Registered Plumber ☒

Name of Property Owner NORTHWEST LOG HOMES

Telephone 410-848-5926

Subdivision BECK PROPERTY Lot # 1

Well Tag # H-94-2275

Site Address 1201 TRIDELPHIA ROAD

ELICOTT CITY 21042

Pump

1. Type

- a. Deep well jet ☐
b. Shallow well jet ☐
c. Submersible ☒

Motor

1. Horsepower 1
2. RPM 3450
3. Voltage ☐
a. 110 ☐
b. 220 ☒

Pitless Adapter

1. Make HANSON
2. Model # PT800
3. Depth 42"

2. Make

3. Model #

4. Capacity 5 GPM

5. Pump exceeds well capacity Yes ☐ No ☒

6. If Yes, is low pressure cutoff switch installed? Yes ☐ No ☒

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☐ Cable guards ☒ Other ☐

CAPTIVE AWT
Tank WK-205

1. Capacity 36 GPM
2. Pressure relief valve? YES

160 PSI - underflowing
Piping 200 PSI DOWN

1. Type WELL
2. Size 1"
3. NSF and/or BOCA Code approved ☒
4. Depth of supply line ☐

Well data

1. Depth 500 ft.
2. Yield ? GPM
3. Static water level 31 ft.
4. Will water supply be disinfected by installer? YES

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Insp not performed
Never called in?

Signature of Applicant: [Signature]

Date: 3/15/2000

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

A ROAD
 N72°47'45"E 345.17'
 Existing Paving



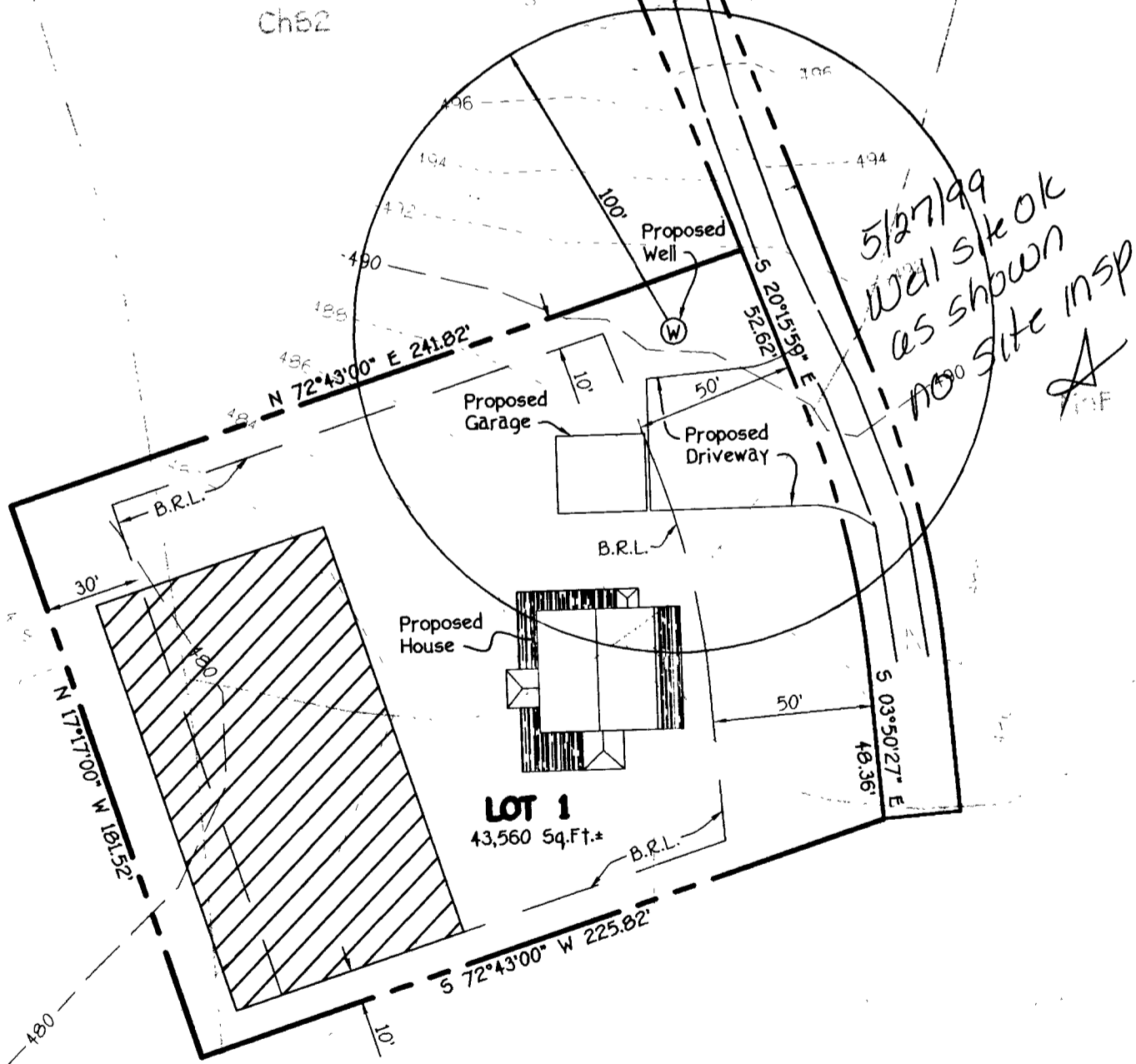
Private 24' Wide
 Driveway And Access
 Easement

Existing 10'
 Dirt Driveway

CLASS
D
B
B
B
B

GENERAL

1. OF 10 DEPAI DISPO. RESTE EASEM TO A SHALL MENT OF A
2. THE WIDT DEPAR
3. ALL V HAVE
4. (W) DEI
5. TOPOC FISHE
6. OWNEI
 MR. A
 3552
 ELLIC



PLAT TO ACC
 BECK

ATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 EALTH DEPARTMENT.

ICER

DATE

TAX MAP #23 ZONE
 THIRD ELECTION DISTRICT
 SCALE: 1"=50'

C 1 06775 SEQUENCE NO. (MODE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.
COUNTY NUMBER A 511465

ST/CO USE ONLY
DATE Received 8/13/99
DATE WELL COMPLETED 7/20/99
Depth of Well 500
PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2275

OWNER Turner Robin
STREET OR RFD Triadelphia Rd
SUBDIVISION Turner Prop
TOWN ELLICOTT CITY
SECTION 1 LOT 1

WELL LOG

Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
TOP Soil	0	2	
Shale clay	2	15	
Sand Silt	15	73	
clay	73	90	
Mica	90	95	✓
Sand Stone	95	400	
Mica & Flat	400	410	
Mixed	410	420	
Mica	420	500	
Mica & Flat			
Mixed			
Mica			

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 27 NO. OF POUNDS 2700

GALLONS OF WATER 162

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 71 ft.
(enter 0 if from surface)

CASING RECORD

insert appropriate code below

STEEL ST CONCRETE CO
PLASTIC PL OTHER OT

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 80

OTHER CASING (if used)

diameter inch _____ depth (feet) from _____ to _____

SCREEN RECORD

Screen type or open hole ST BR HO
STEEL BRASS OPEN HOLE
BRONZE
PLASTIC PL OT OTHER

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

DEPTH (nearest ft.) 500

SLOT SIZE 1 _____ 2 _____ 3 _____

DIAMETER OF SCREEN (NEAREST INCH) 56

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

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)
BEFORE PUMPING 36 ft.
WHEN PUMPING 217 ft.

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

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (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 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 2 (nearest foot)

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)

well 20' Triadelphia Rd Drive way

DRILLERS LIC. NO. MWD 040
DRILLERS SIGNATURE George F. Kesteven
LIC. NO. MWD 501
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
TELESCOPE CASING 70 LOG INDICATOR 72 OTHER DATA 74 75 76

B 1 16350 <small>1 2 3 6</small>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER H0-94-2275 <small>70 fill in this form completely 79</small>
Date Received (APA) 05-24-99 <small>8 MM DD YY 13</small>		LOCATION OF WELL CC# B 3 Howard 8 COUNTY Beck Property 23 SUBDIVISION West Friendship SECTION 44 46 LOT 1 48 50 52 NEAREST TOWN West Friendship MILES FROM TOWN (enter 0 if in town) 2 M I <small>73 76 77 78</small>	
OWNER INFORMATION RN 7870 Turner Robin 15 Last Name Turner Owner Robin First Name Turner 34 3552 Folly Quarter Rd 36 Ellicott City, Md 21042 57 Town Ellicott City 70 State MD 72 Zip 21042 76		DRILLER INFORMATION George F. Easterday M WD 040 Driller's Name George F. Easterday 76 License No. 040 81 Firm Name L. Franklin Easterday, Inc. 9265 Brown Church Rd.. MT. Airv. Md. 21771 Address George F. Easterday 5/19/1999 Signature George F. Easterday Date 5/19/1999	
B 2 WELL INFORMATION 1 APPROX. PUMPING RATE 5 2 (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY) 14 20		B 4 Triadelphia Rd 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH W E S E WEST W E S E SOUTH W E S E 34 500 37 500 DISTANCE FROM ROAD 500 FT ENTER FT OR MI 38 39 TAX MAP: BLK: PARCEL	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> I INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> P PUBLIC WATER SUPPLY WELL <input type="checkbox"/> T TEST, OBSERVATION, MONITORING <input type="checkbox"/> G GEO-THERMAL		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard Co A511465 COUNTY NAME Howard Co COUNTY NO. A511465 STATE SIGNATURE Howard Co INSERT S Howard Co DATE ISSUED 052799 A M M L L L 5/27/00 43 MM DD YY 48 CO SIGNATURE Howard Co EXP. DATE 5/27/00 NORTH GRID 520 000 EAST GRID 810 000 50 55 57 63	
APPROXIMATE DEPTH OF WELL 300 FEET 24 28		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 E 810 N 520 000 000	
APPROXIMATE DIAMETER OF WELL 6 INCH 30 34		METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTARY JETTED ROTARY Jetted & DRIVEN ROTARY 30 AIR-ROTARY 34 ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTARY DRIVE-POINT other	
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> D THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION WEST FRIENDSHIP EVERETT WY N MAP 10 G6	
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 G A P 63 PERMIT No. H0-94-2275 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED			

Age _____ of _____
Date _____

7/24/99 10:00

Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

TESTED BY
Dickie

Well Permit No. HO - 94-2275

Location of property (road) Triadelphia Rd

Subdivision _____

Well Driller G. Easterday

Lot 1 Block _____ Plat _____ Sec. _____

Owner Robin Turner

Depth of well 500 19pm

Distance of measuring point (M.P.) above ground 25 ft

Static water level (S.W.L.) below M.P. 36 FT

I. High rate pumping -- reservoir drawdown

Time pump started 12 50 PM

Pumping rate 15 GPM

Total time 25 min to reach pumping water level 217 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 gallon bucket	FLOWMETER READING (if used) Pump SET	CALCULATED FLOW (gallons per minute)
1115	217 FT	30 sec	380 FT	2 GPM
1130	217 FT	30 sec	380 FT	2 GPM
1145	217 FT	30 sec	380 FT	2 GPM
1200	217 FT	30 sec	380 FT	2 GPM
1215	217 FT	30 sec	380 FT	2 GPM
1230	217 FT	30 sec	380 FT	2 GPM
1245	217 FT	30 sec	380 FT	2 GPM
1300	217 FT	30 sec	380 FT	2 GPM
1315	217 FT	30 sec	380 FT	2 GPM
1330	217 FT	30 sec	380 FT	2 GPM
1345	217 FT	30 sec	380 FT	2 GPM
1400	217 FT	30 sec	380 FT	2 GPM
1415	217 FT	30 sec	380 FT	2 GPM
1430	217 FT	30 sec	380 FT	2 GPM
1445	217 FT	30 sec	380 FT	2 GPM
1500	217 FT	30 sec	380 FT	2 GPM
1515	217 FT	30 sec	380 FT	2 GPM
1530	217 FT	30 sec	380 FT	2 GPM
1545	217 FT	30 sec	380 FT	2 GPM
1600	217 FT	30 sec	380 FT	2 GPM
1615	217 FT	30 sec	380 FT	2 GPM
1630	217 FT	30 sec	380 FT	2 GPM
1645	217 FT	30 sec	380 FT	2 GPM
1700	217 FT	30 sec	380 FT	2 GPM
1715	217 FT	30 sec	380 FT	2 GPM

HD-224715