

C1 7599

SEQUENCE NO. (MDE USE ONLY)

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

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

1 2 3 8 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED MM DD

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER Hillenay, Eric last name 3126 Route # 32 first name TOWN W. Friendship MD STREET OR RFD SUBDIVISION Hill Top Farm SECTION LOT 2

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 Overburden, Bin Gray Soft Rock, Hard Granite, Gray Soft Rock, Very little water.

3 closed loops

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED yes Y no N

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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. M 7D 106 DRILLERS SIGNATURE

LIC. NO. 75 D 138

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

3 loops 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 2 NO. OF POUNDS 450 GALLONS OF WATER 1050 DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 ft. to 54 BOTTOM 58 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6.3 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 insert appropriate code below ST BR HO PL OT

DEPTH (nearest ft.) 1 2 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 from to

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 3126 E Route # 32

PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 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 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.

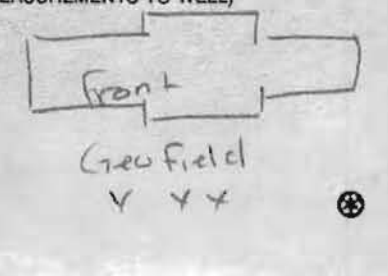
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above 49 - below 49 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)



B 1	8725	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER HO-95-2056 <small>fill in this form completely</small>
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OWNER INFORMATION

Date Received (APA) 2/19/2011

8 MM DO YY 13

15 Last Name Killehop Eric P. First Name Eric P. 34

36 3126 Route 32 Street or RFD 55

57 West Friendship MD 21774 Town 70 State 72 Zip 76

LOCATION OF WELL

B 3 Howard COUNTY 21

23 Hill Top Farms SUBDIVISION 42

SECTION 44 LOT 2 46 48 50

52 West Friendship NEAREST TOWN 71

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

DRILLER INFORMATION

Driller's Name Marshal Arnette M 5 D 106 License No. 76 81

Firm Name Alled Environmental Svcs 20701

Address PO Box 139, Annapolis Junction MD

Signature Marshal Arnette Date 2/14/11

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 (3126) E. Route 32 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 525 37 DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: 15 BLK: 22 PARCEL 24

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22 I INDUSTRIAL, COMMERCIAL, DEWATERING

P PUBLIC WATER SUPPLY WELL

T TEST, OBSERVATION, MONITORING

G GEO-THERMAL 3 Closed Loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) COUNTY NAME COUNTY NO. A35631

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 2/28/2011 Brian Baker 2/28/2012

43 MM DD YY 48 CO SIGNATURE _____ EXP. DATE _____

NORTH GRID 529 0 0 0 EAST GRID 809 0 0 0

50 55 57 63

APPROXIMATE DEPTH OF WELL 320 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. Public Water

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8609 000 000

N 5209 ← 000 000

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVerse-ROTary DRive-POINT

other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

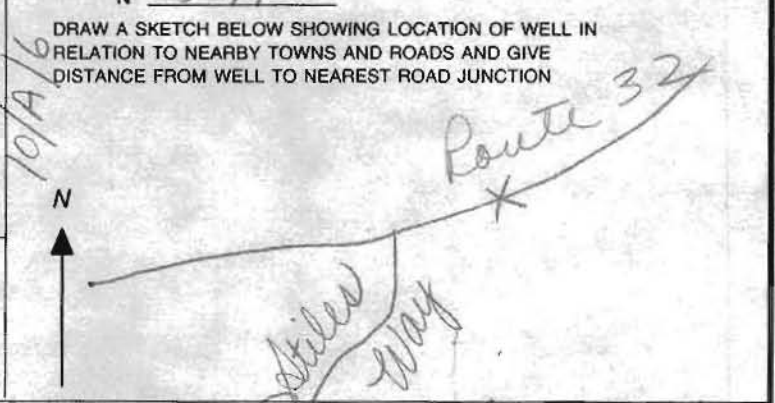
N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

D THIS WELL WILL DEEPEAN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52



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

APPROX. PERMIT NUMBER G

PERMIT No. HO-95-2056 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE BLANKS IF NEEDED

Ground Borehole from very Bottom Upward with Tremie Pipe

DENV-Permit 97

This Property is located
in Zone C (area outside
the 500 year Flood Zone)
hazard map.

L 244
F 1102

H76°11'00"E
18.10'

394.30'

28.82'

LOT 4

LOT 1

3 Geo Loops

2/28/2011
Borehole
Locations O.Z.

(RB)

LOT 2
4.381 AC.

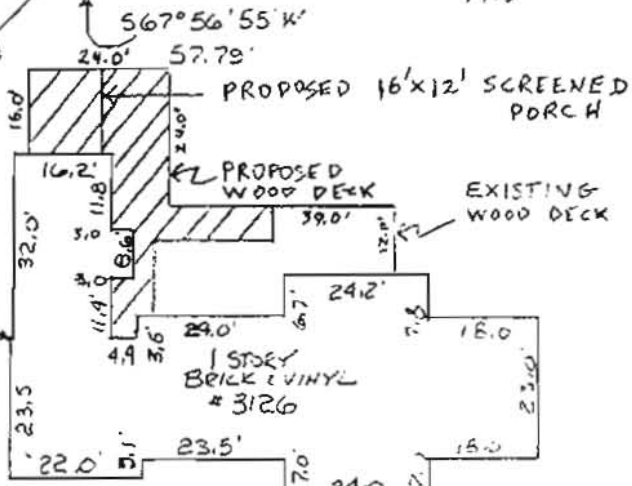
-351
F113

16'
INGRESS
EGRESS
EIGHT

25'
INGRESS
EGRESS
EIGHT

SLOPE 15:47
A=204.0'
E=3473.79

MD. ROUTE 32



HOUSE DETAIL 1" = 30'

HOUSE LOCATION SURVEY
FOR
LOT 2

HILLTOP FARM

HOWARD COUNTY, MARYLAND

NOTE: LOT CORNERS HAVE NOT BEEN SET BY THIS SURVEY.

DB-100

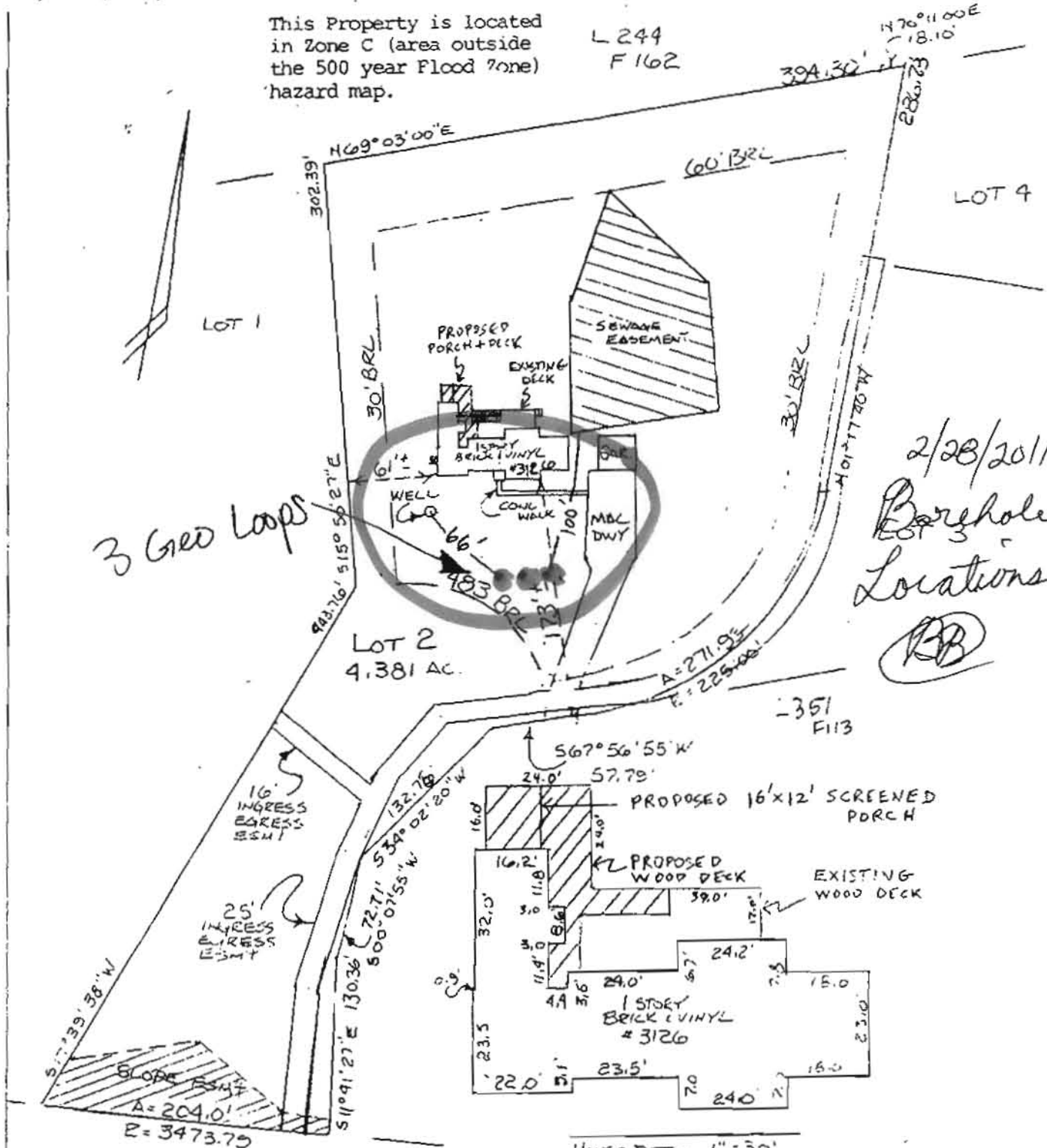
This Property is located in Zone C (area outside the 500 year Flood Zone) hazard map.

L 244
F 162

N 76° 11' 00" E
18.10'

3 Geo Loops

2/28/2011
Borehole
Locations O.K.
(BB)



MD ROUTE 32

HOUSE LOCATION SURVEY
FOR
LOT 2

HILLTOP FARM

HOWARD COUNTY, MARYLAND

NOTE: LOT CORNERS HAVE NOT BEEN SET BY THIS SURVEY.

DB-100

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THE PROPERTY DELINEATED HEREON IS IN ACCORDANCE WITH THE PLAT OF SUBDIVISION AND DEED OF RECORD. THAT THE IMPROVEMENT SHOWN WERE LOCATED BY ACCEPTED FIELD PRACTICES. THIS PLAT IS NOT FOR DETERMINING PROPERTY LINES, AND NO TITLE REPORT FURNISHED.



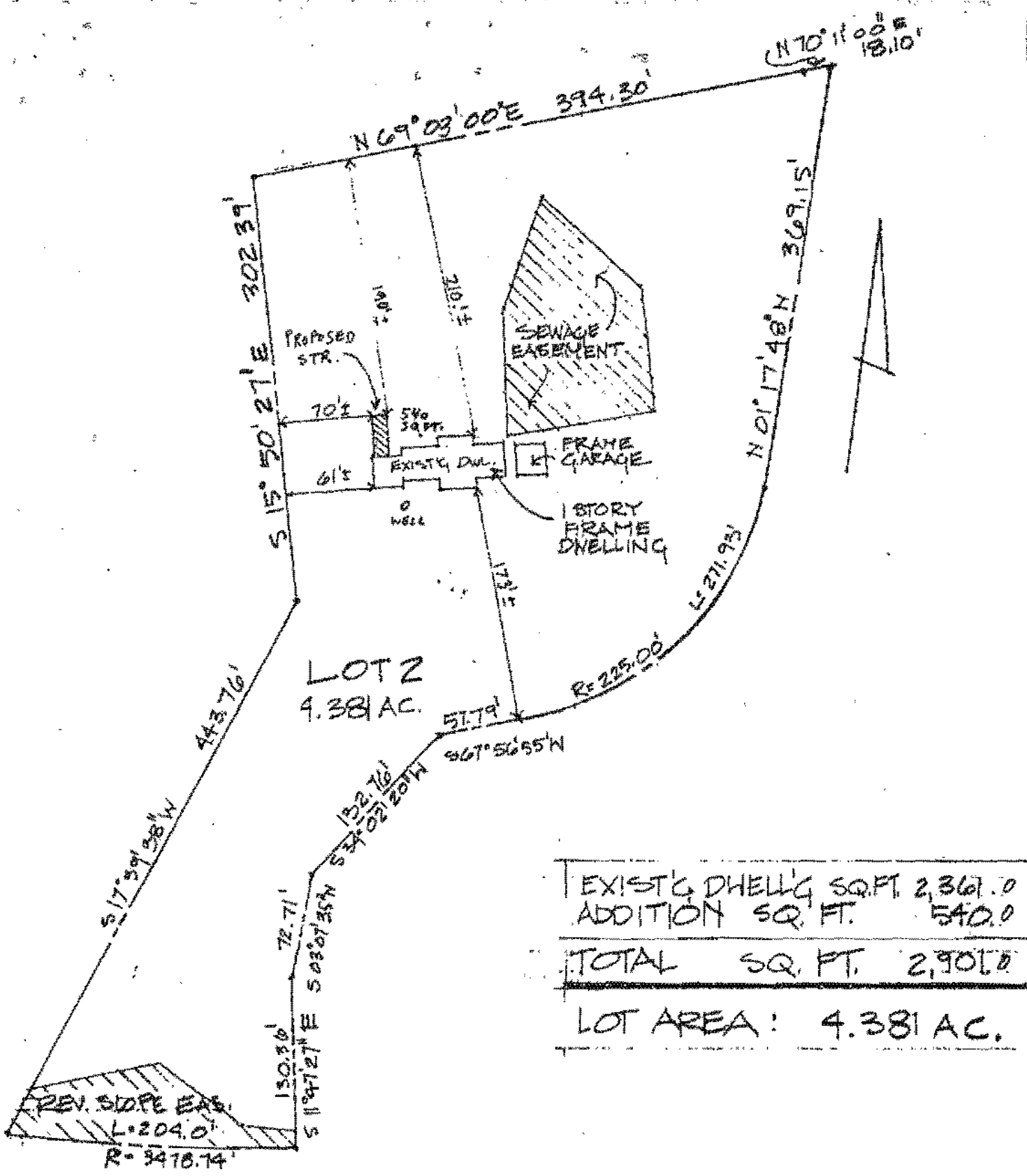
ELDER SURVEYS, INC.

51 MONROE STREET, SUITE 1700
ROCKVILLE, MARYLAND 20850

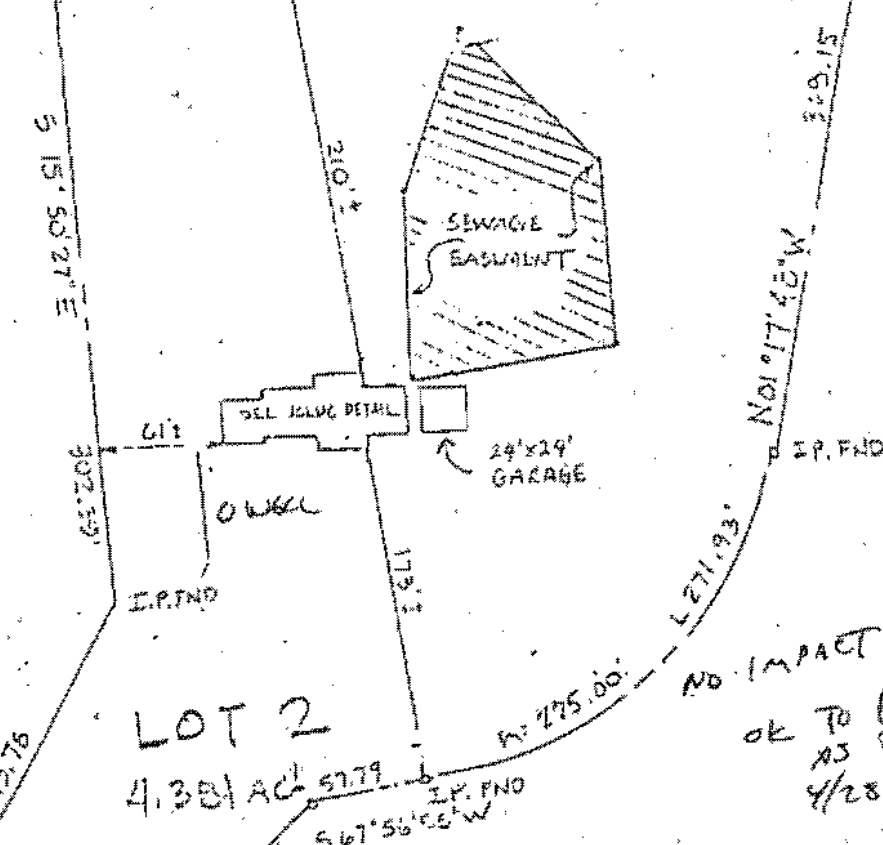
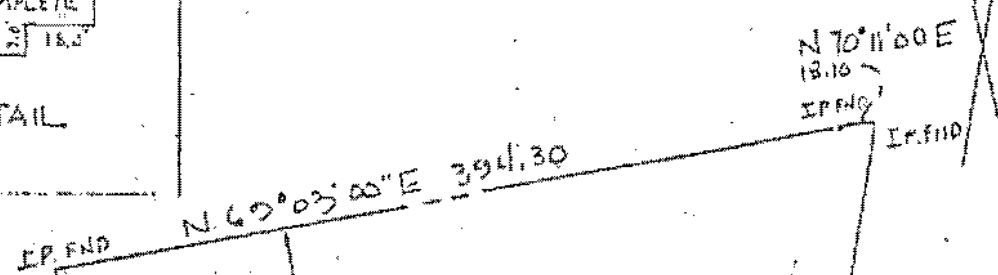
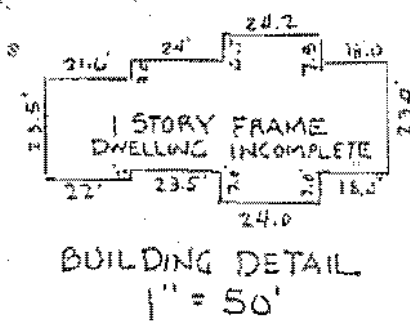
767-3537

FAX 767-4479

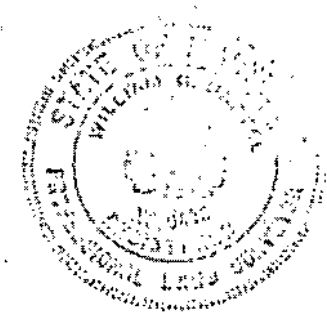
SCALE 1" = 100'	DWG BY MO	JOB NO 337
LIBER FOLIO	ELECTION DISTRICT 3 RD NO.	COUNTY HOWARD
PLAT BOOK PLAT NO 6605	LOT 2	DATE 3-8-92



ADDITION TO LILLEHOJ RESIDENCE	PLAT # 6605 HOWARD CO.
3126 RT. 32 LOT 2 HILLTOP FARM	1" = 100'-0"

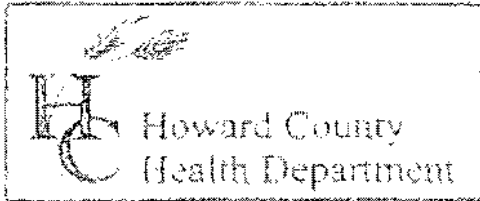


NO IMPACT AS SHOWN
 OK TO PROCEED
 AS DRAWN
 4/28/88 Owell



NOTE: FOR BUILDING REST. LINES AND INGRESS/EGRESS EASEMENTS SEE RECORD PLAT # 6605 RECORDED FEB. 20 1986 AMONG THE LAND RECORDS OF HOWARD CO. MD.

REV. SLOPE EASEMENT
 47 PH. 01
 AC. 3478.79
MD. ROUTE 32
 SRC PLAT 20493 & 20494



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

- The well site has been staked by Andy Trewitt
(professional land surveyor or company employing professional land surveyors)
on 2/14/11 (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

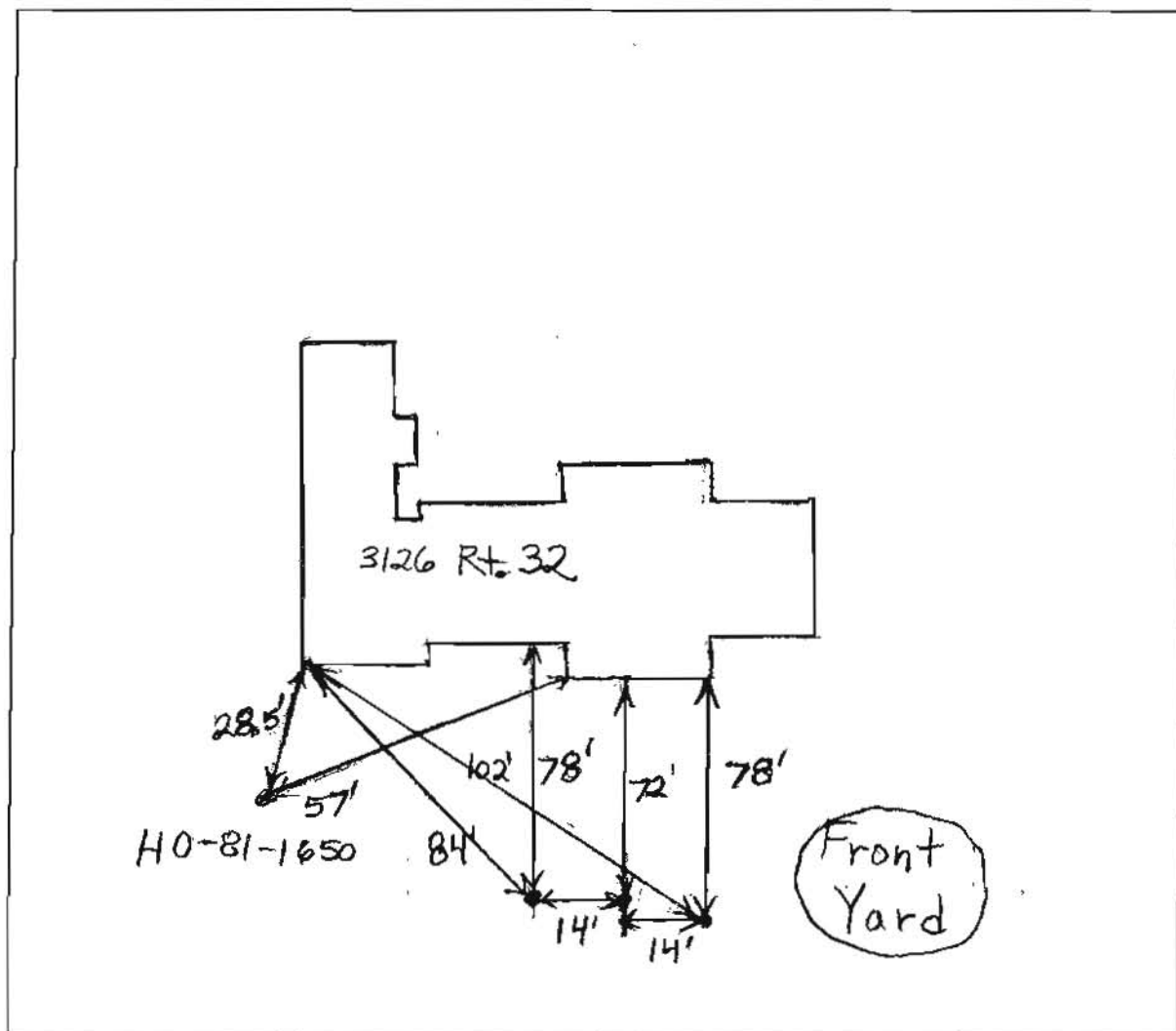
This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 6/10/03

SITE INSPECTION SHEET

OWNER: Erik Lillehoj PHONE #: _____
ADDRESS: 3126 Route 32 CONTRACTOR: Allied Environmental
WELL TAG #: _____
SUBDIVISION: Hill Top Farms LOT: 2 COUNTY #: A35631
PROPOSAL: Drill 3 Geothermal Boreholes

LOCATION DIAGRAM



COMMENTS: Proposed Staked Borehole Locations Shown

DATE: 3/1/2011

INSPECTOR: B. Baber