

C1 0105

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

COUNTY NUMBER **(13) A515228**

ST/CO USE ONLY
DATE RECEIVED
MM DD YY
8 13

DATE WELL COMPLETED
MM DD YY
10 19 05

Depth of Well
22 400 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
40-95-0122

OWNER Pulte Homes
STREET OR RFD 13537 Julia Manor Way TOWN West Friendship
SUBDIVISION Paddocks East SECTION _____ LOT 3

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	
Brown shale	0	75	
Gray Limestone	75	400	✓

GROUTING RECORD yes no
 Y N
 WELL HAS BEEN GROUTED (Circle Appropriate Box)
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 23 NO. OF POUNDS 2182
 GALLONS OF WATER 138
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 TOP ft. to 65 BOTTOM ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER
 MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 06 Total depth of main casing (nearest foot) 80
 60 61 63 64 66 70

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

C 2 DEPTH (nearest ft.)
 1 2 3
40 80 400
 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 _____ 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 70 _____ 72 _____ 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 **PUMPING TEST**
 HOURS PUMPED (nearest hour) 03
 8 9
 PUMPING RATE (gal. per min.) 4
 11 15
 METHOD USED TO MEASURE PUMPING RATE 1966
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 16 ft.
 17 20
 WHEN PUMPING 136 ft.
 22 25
 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 (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 } LAND SURFACE
 - below } 02 (nearest foot)
 49 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)
 Julia Manor Way

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes no
 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M S D 007
Allen
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 LIC. NO. D

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

B 1 0867

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

523426 please type

40-95-0122 fill in this form completely

Date Received (APA) 10/5/2005

OWNER INFORMATION

Pulte Homes, 1501 S Edgerwood ST, Baltimore MD 21227

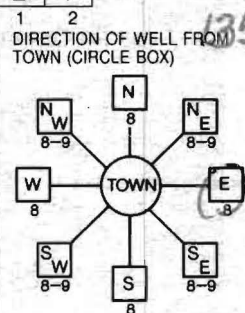
LOCATION OF WELL

Howard County, Paddocks East, SECTION 44 46, LOT 3 48 50, GAITHERSBURG, 2 MILES FROM TOWN

DRILLER INFORMATION

Allen Compton M S D 009, Eagles Well Drilling, 580 Obrecht rd, Baltimore MD 10-5-05

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



13587 Julia Manor Way, NEAR WHAT ROAD, ON WHICH SIDE OF ROAD, DISTANCE FROM ROAD 1160 FT, TAX MAP: 22 BLK: 8 PARCEL 7

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (D), FARMING (F), INDUSTRIAL, COMMERCIAL, DEWATERING (I), PUBLIC WATER SUPPLY WELL (P), TEST, OBSERVATION, MONITORING (T), GEO-THERMAL (G)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A515228, COUNTY NAME, STATE SIGNATURE, DATE ISSUED 10/7/2005, CO SIGNATURE Brian Baker, EXP. DATE 10/7/2006, NORTH GRID 525 000, EAST GRID 805 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (N), THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED (Y), THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS (S), THIS WELL WILL DEEPEM AN EXISTING WELL (D)

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 H0-94-3902

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

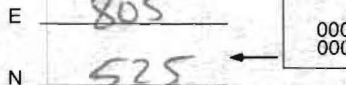
APPROP. PERMIT NUMBER H02002G009

PERMIT No H0-95-0122

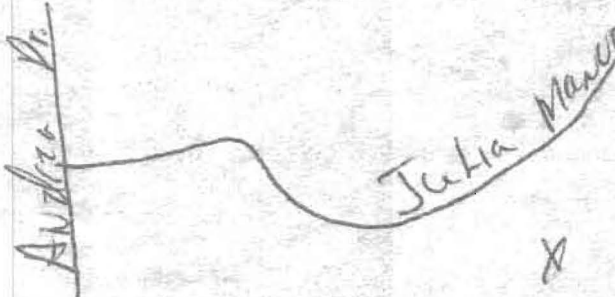
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

11/17/05

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: Fogles Well Drilling Telephone #: 410-795-5670
Address: 580 Obrecht Rd
Sylkesville 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): Allen Compton License# MSD009

*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: Pult & Homes Telephone #: _____
Subdivision: The Paddock East Lot #: 3 Well Tag #: HO-95-0122
Site Address: 13587 Sulm Manor Way

Submersible Pump Data
Make: Goulds
Model #: 7G507422
Pump Capacity 7 GPM
Well Yield: 4 GPM
Depth of well encountered at time of pump installation: 400 (feet)
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 N/A

Pitless Adapter
Make: Camball
Model#: N/A
Depth 36 (36" min)
NSF approved: YES

Well Cap and Electric Conduit
Two piece watertight cap: YES
Screened, vented well cap: YES
Cap secured to casing: YES
Conduit min 18" B.G.: YES
Conduit secured to well cap: YES

Piping to house
Type: 1" Black Pvc
PSE: 160 (160 psi min)
Depth of supply line: 42 (36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration: YES
Approximate length of sleeve: 5
Sleeve caulked and sealed properly: YES

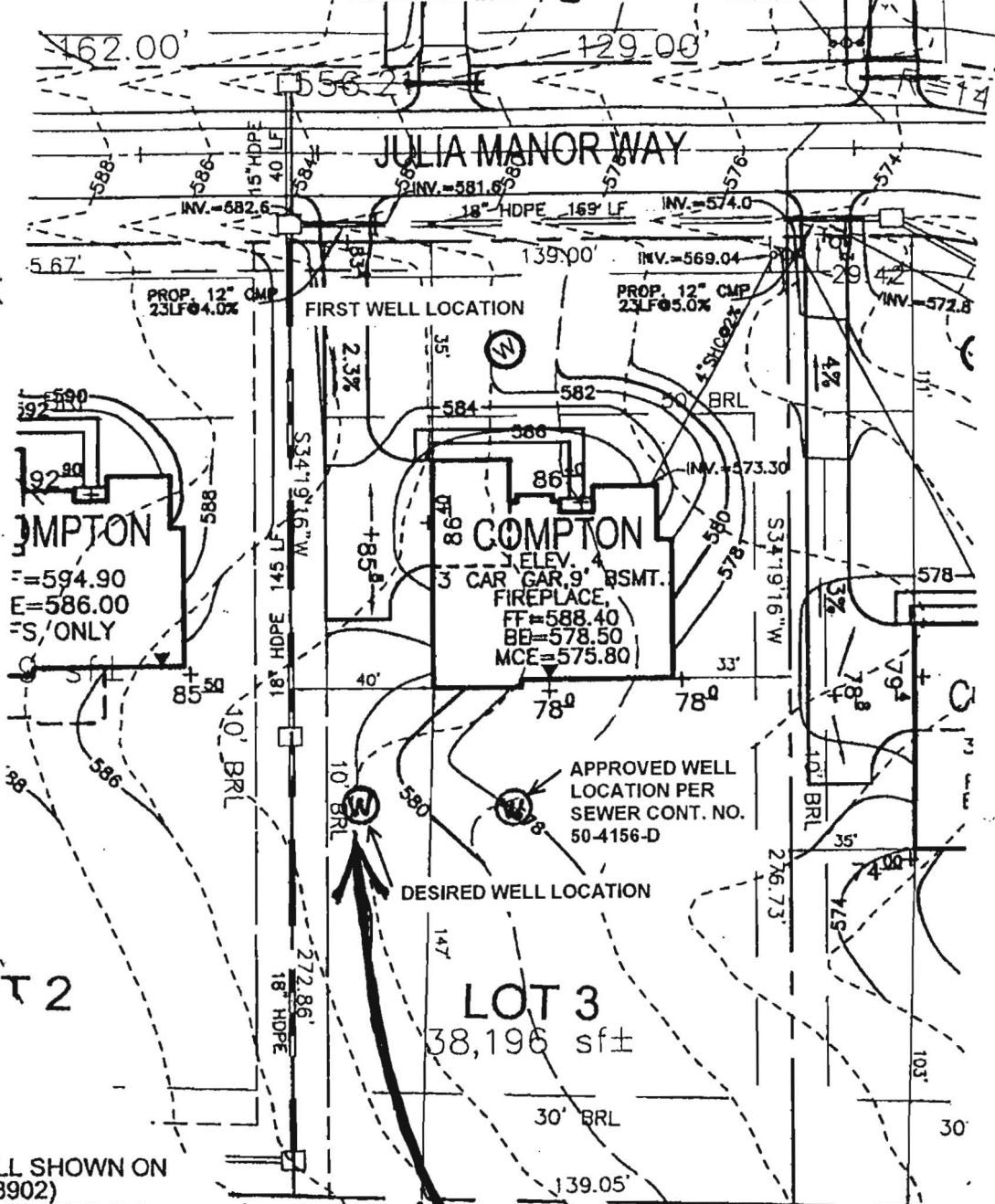
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Allen Compton
Signature of company representative responsible for installation

11/17/05
date

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

Date Insp. Requested: _____ Date Insp. Approved: 11/10/05 GAC BB
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



THE EXISTING WELL SHOWN ON THIS PLAN (HO-94-3902) HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC. PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

*New Well Location O.k.
With Howard County Health
Department
George & Theresa Boardman
Brian Baker*

MARK C. MARTIN, LS #10884 DATE

SCALE 1"=50'
DRAWN BY JCO
CHECKED BY JCO
DATE DECEMBER, 2004
W. O. # 2034058
SHEET# 1 OF 1

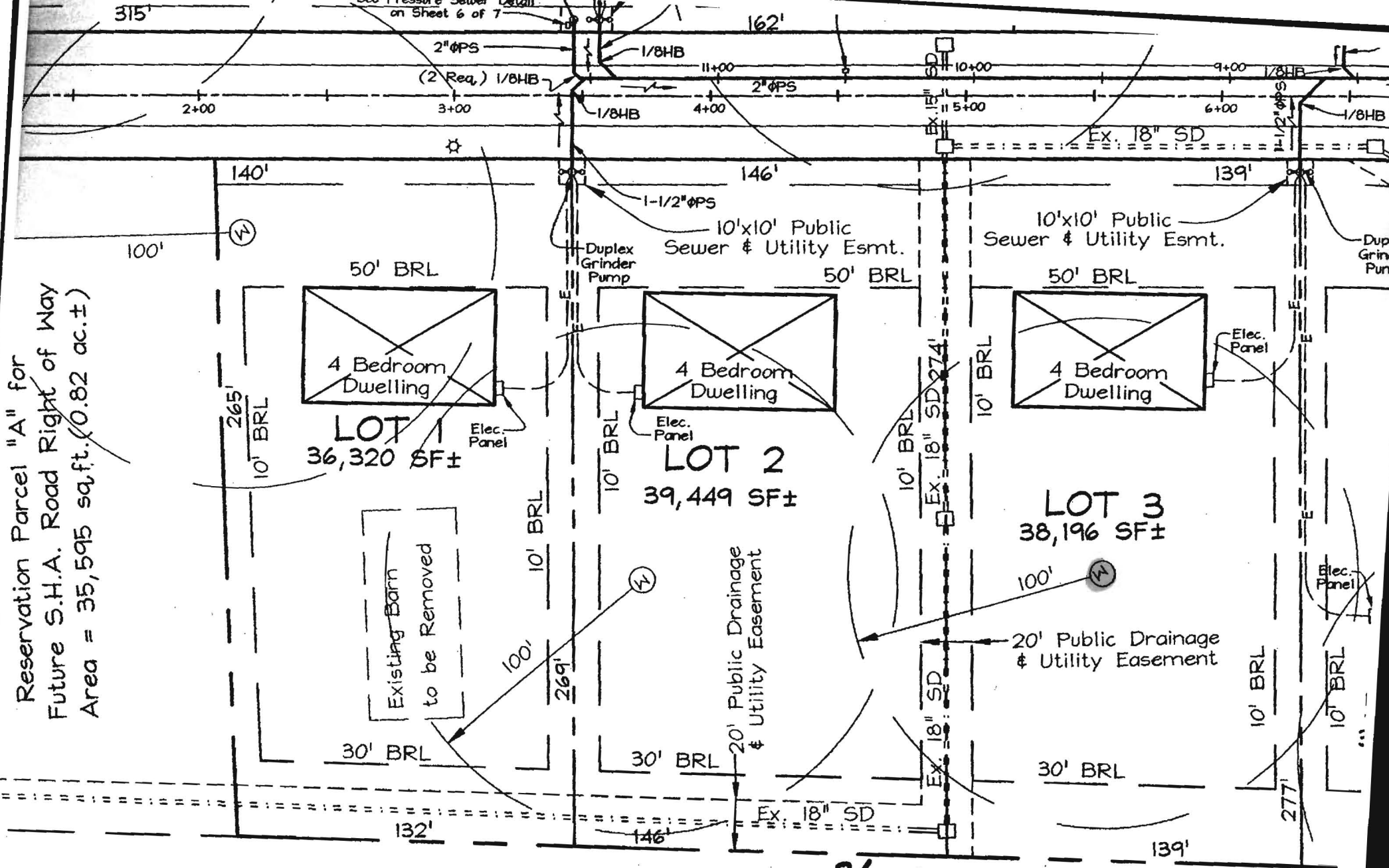
TAX MAP 22
3RD ELECTION DISTRICT

PULTE HOMES
PADDOKS EAST
PARCEL 7
HOWARD COUNTY, MARYLAND



LOT 3
ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET TEL: 410.461.7666
ELLCOTT CITY, MD 21043 FAX: 410.461.8961

Reservation Parcel "A" for
 Future S.H.A. Road Right of Way
 Area = 35,595 sq.ft. (0.82 ac.±)



3/19/04
 Well site staked by
 surveyor on 3/12/04
 BB

PLAN VIEW
 SCALE: 1" = 50'

E 1,316.750
 S 585.125

SEWERAGE



HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 Toll Free 1-877-4MD-DHMH

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

December 14, 2005

Pulte Homes
1501 S. Edgewood Street
Baltimore, MD 21227

SENT VIA FACSIMILE 410-489-6057

RE: Paddocks East, Lot 3
13587 Julia Manor Way
West Friendship, MD 21794
BP # B00152375
Well Tag # HO-95-0122

Dear Sirs or Madam:

This is to advise that the connection from the house to the street has been installed and inspected for the referenced property. A Shared Septic System serves this dwelling. **Final approval was granted on 09/28/2005 by HCHD for the house connection with approval from the Bureau of Utilities on 12/13/2005. Final approval of the well line connection to the dwelling was approved on 11/10/2005.**

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-95-0122. 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: 11/11/2005, 11/21/2005 & 11/22/2005
Date of Well Completion: 10/19/2005

Respectfully

Stuart F. Oster, R. S.
Well and Septic Program

cc: DILP, Building Inspectors Office
File

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 #:	57220	Account #:	1930
Reference:	Pulte Lot 3	Company:	Fogle's Well Drilling
Location:	13587 Julia Manor Way West Friendship, MD 21794	Requested By:	Dave Fogle
Date/ Time Collected:	11/22/2005 1000	Source:	Well Water
Date/Time Rec'd:	11/22/2005 1128	Site:	Kitchen Sink Tap
Chlorine ppm:	Free: ND Total: ND	Treatment:	None
Collected By:	V.M. Fadoul 6804VF-FS	pH:	6.1
		Well #:	HO-95-0122

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYS
Turbidity	3.46	NTU	<10	SM18 2130B	11/22/2005 / 1305 / BCD

NOTES

- 1 NTU = Nephelometric Turbidity Units
- 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 Sample collected by client, analyzed as received
- 5 pH tested on-site

Reason for Test : Use & Occupancy retest 27094
 Building Permit # : 00152375

Date Reported: 11/22/2005

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 #:	57094	Account #:	1930
Reference:	Pulte Lot 3	Company:	Fogle's Well Drilling
Location:	13587 Julia Manor Way West Friendship, MD 21794	Requested By:	Dave Fogle
Date/ Time Collected:	11/11/2005 1500	Source:	Well Water
Date/Time Rec'd:	11/11/2005 1525	Site:	Kitchen Sink Tap
Chlorine ppm:	Free: ND Total: ND	Treatment:	None
Collected By:	V.M. Fadoul 6804VF-FS	pH:	6.1
		Well #:	HO-95-0122

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	11/12/2005 / 0800 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	11/12/2005 / 0800 / CCH
Nitrate	5.07	mg/L	10	601	11/11/2005 / 1535 / BCD
Turbidity	15.4	NTU	<10	SM18 2130B	11/11/2005 / 1535 / BCD
Sand	NS	mg/L	5	Visual/Gravimetric	11/11/2005 / 1535 / BCD

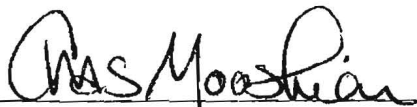
NOTES:

- 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 Sample collected by client, analyzed as received
- 8 pH tested on-site

Reason for Test : Use & Occupancy
 Building Permit # : 00152375

Date Reported: 11/14/2005

Laboratory Director:



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

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 10-19-05 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

HO - 94 - 3902

* PERMIT NUMBER OF REPLACEMENT WELL

HO - 95 - 0122

* PERSON ABANDONING WELL: Allen Compton

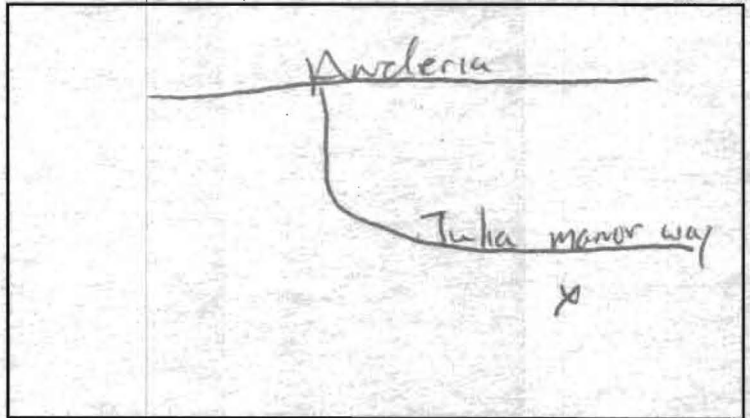
WELL DRILLERS LICENSE NUMBER: 009

CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: Pulte Homes

SITE LOCATION MAP

* WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: Glenridge
 TAX MAP 22 BLOCK 8 PARCEL 7
 SUBDIVISION: Pardocks East
 SECTION: _____ LOT: 3
 NEAREST ROAD: 13587 Julia Manor way



* TYPE OF WELL BEING ABANDONED:

- DRILLED _____ JETTED
- _____ BORED/AUGERED _____ HAND DUG
- _____ OTHER (specify) _____

* USE CODE:

- DOMESTIC _____ MUNICIPAL/PUBLIC
- _____ IRRIGATION _____ INDUSTRIAL
- _____ TEST/OBSERVATION _____ GEOTHERMAL

* TYPE OF CASING:

- STEEL _____ PLASTIC
- _____ CONCRETE _____ OTHER (specify) _____

* SIZE OF CASING: 6" INCHES IN DIAMETER

* DEPTH OF WELL: 300 FEET DEEP

* WAS ANY CASING REMOVED? YES 3' NO
 if yes, length removed, in feet: _____

* WAS CASING RIPPED OR PERFORATED? _____ YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<u>Cement</u>	<u>0</u>	<u>300</u>
VOLUME OF MATERIAL USED		
<u>30 bags</u>		

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN

LICENSE # 009

MWD/MSD/MGD
 CIRCLE ONE

10-19-05
 DATE

C1 3435 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 6 THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER 13 A515228

ST/CO USE ONLY DATE RECEIVED MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 3 26 04 Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3902

OWNER Moberly Gretchen (Pulte Homes) STREET OR RFD 3205 Route 32 TOWN West Friendship SUBDIVISION Paddocks East SECTION LOT 3

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Brown-sand & shale, Gray limestone, Brown, Gray limestone, White, Gray limestone.

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 17 NO. OF POUNDS 1544 GALLONS OF WATER 102 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 37 ft.

CASING RECORD (S) (T) (C) (O) (P) (L) (O) (T) MAIN CASING TYPE (S) (T) (O) (G) (P) (L) (O) (T) Nominal diameter top (main) casing (nearest inch) 60 61 63 64 66 70 Total depth of main casing (nearest foot) 240

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

SCREEN RECORD (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) insert appropriate code below

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. M SD 009

DRILLER'S SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. D

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

C 2 DEPTH (nearest ft.) 1 2 HO 40 300

E 8 9 11 15 17 21 A 23 24 26 30 32 36 C 3 38 39 41 45 47 51 S E 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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST 1 2 HOURS PUMPED (nearest hour) 03 8 9 PUMPING RATE (gal. per min.) 6 11 15 METHOD USED TO MEASURE PUMPING RATE 1 gal WATER LEVEL (distance from land surface) BEFORE PUMPING 6 17 20 ft. WHEN PUMPING 93 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) (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 02 (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) Julia 02' 125' 140'

B 1 0941

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-3902 fill in this form completely

520092 please type

Date Received (APA) 3/11/2004

OWNER INFORMATION

MORBERLEY Gretchen Summer Hill Farm #144 West Friendship MD 21794

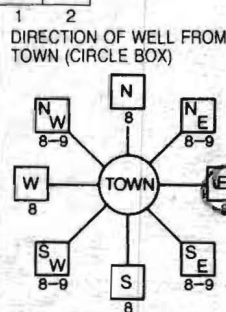
LOCATION OF WELL

Howard Paddicks East SECTION 44 46 LOT 3 50 NEAREST TOWN Glenelg MILES FROM TOWN 2 MI

DRILLER INFORMATION

Allen Compton M S D 009 Foghts Well Drilling 580 Obrecht Rd. Allen Foghts 1-31-04

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Sylva Rd NEAR WHAT ROAD ON WHICH SIDE OF ROAD 500 DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: 22 BLK: 8 PARCEL 7

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DI DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION I INDUSTRIAL, COMMERCIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 A515228 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 3/18/2004 Brian Baber 3/18/2005 EXP. DATE NORTH GRID 525 000 EAST GRID 805 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 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 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 DEEPEM AN EXISTING WELL

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

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

APPROX. PERMIT NUMBER HO2002G009 PERMIT No HO-94-3902

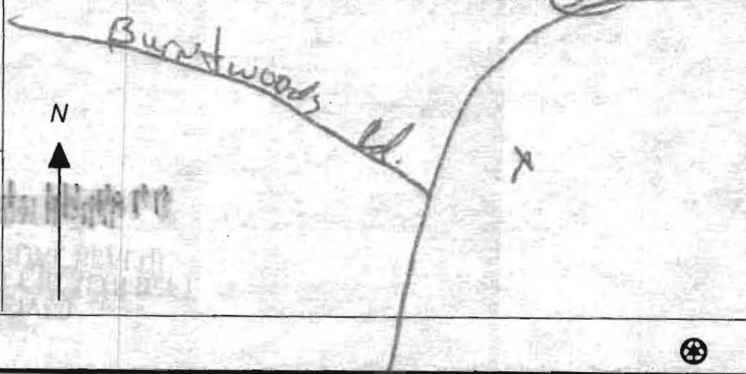
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 80φ5 N 52φ5

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



SPECIAL CONDITIONS

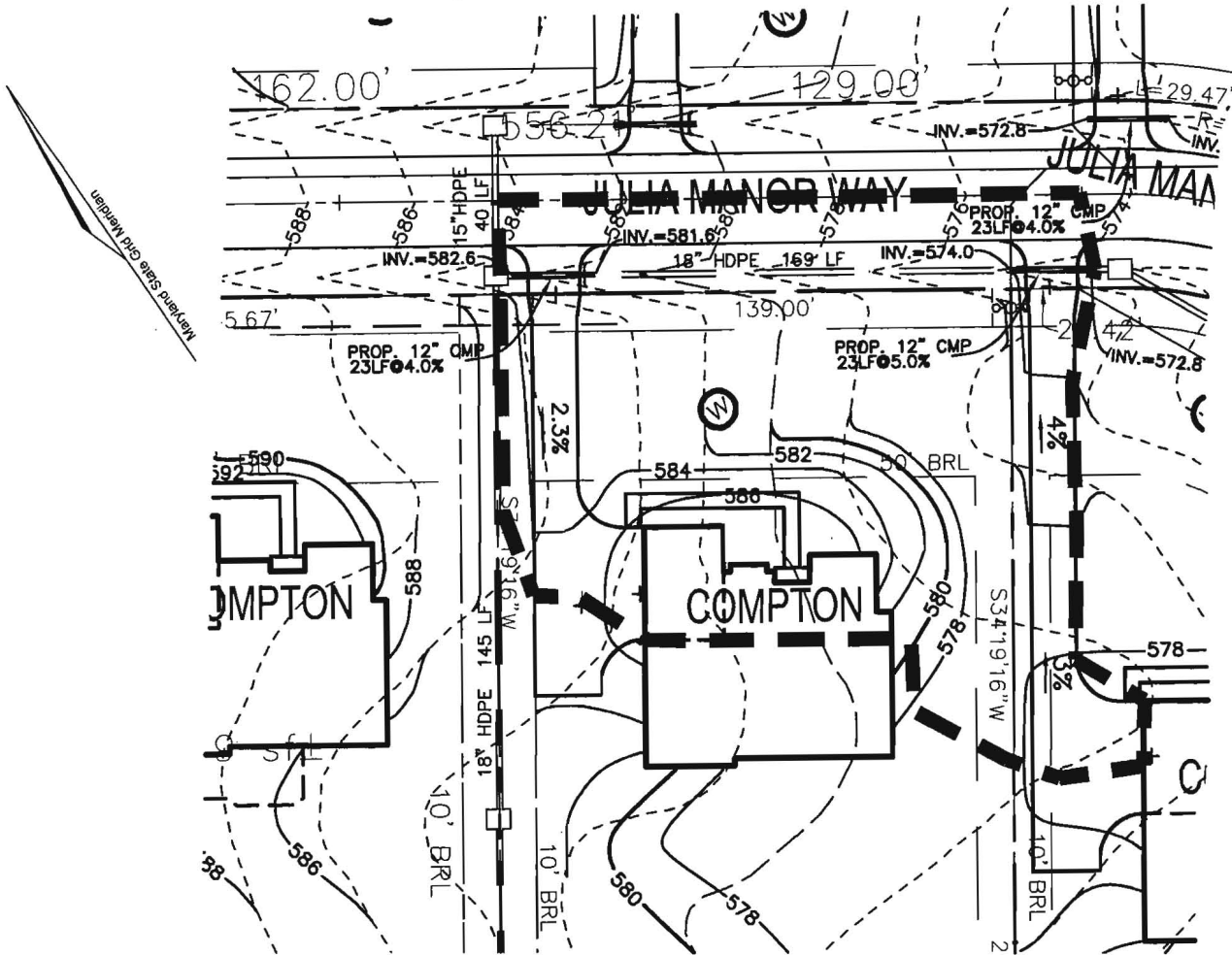
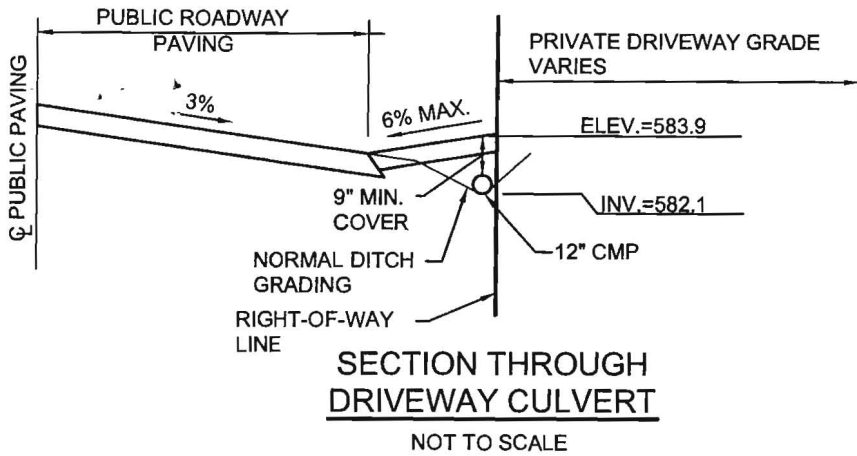
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

DRAINAGE INFORMATION:

DRAINAGE AREA TO CULVERT: N/A
 CULVERT AT INLET

CULVERT DATA:

12" CMP-23LF@ 4.0%



SCALE 1"=50'
 DRAWN BY JCO
 CHECKED BY JCO
 DATE JANUARY, 2005
 W. O. # 2034058
 SHEET# 1 OF 1

TAX MAP 22
 3RD ELECTION DISTRICT

PULTE HOMES
 PADDOCKS EAST
 LOT 3 CULVERT PLAN

PARCEL 7
 HOWARD COUNTY, MARYLAND



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