

C1 07/39 (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPETHIS REPORT MUST BE SUBMITTED AFTER
WELL IS COMPLETED.COUNTY
NUMBER A50225GG

ST/CO USE ONLY

DATE Received
MM DD YY

8 13

DATE WELL COMPLETED

MM DD YY
5 3 00

Depth of Well

22 300 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0 - 94 - 2674
28 29 30 31 32 33 34 35 36 37OWNER Mannarelli, Marlo
last name first name
STREET OR RFD Willow Birch Drive
SUBDIVISION Vineyard at Cattail Creek SECTION 1 TOWN Glenwood LOT 1

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR
COLOR, DEPTH, THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM

TO

check
if water
bearing

Brown shale

0 37

Gray

37 260

Brown

260 261

Gray

261 300

GROUTING RECORD

yes no

WELL HAS BEEN GROUTED
(Circle Appropriate Box)Y N
44 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 92 NO. OF POUNDS 1128

GALLONS OF WATER 72

DEPTH OF GROUT SEAL (to nearest foot)

from 0 TOP 52 ft. to 36 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

ST

STEEL

CO

CONCRETE

PL

PLASTIC

OT

OTHER

MAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

ST

06

42

60 61

63 64

66 70

OTHER CASING (if used)

diameter
inchdepth (feet)
from toscreen type
or open hole

SCREEN RECORD

(insert
appropriate
code
below)

ST

STEEL

BR

BRASS

HO

OPEN

PL

PLASTIC

OT

OTHER

NUMBER OF UNSUCCESSFUL WELLS:

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
WELLI 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.

MS D 009

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.

D

SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)GRAVEL PACK
IF WELL DRILLED
WAS FLOWING WELL
INSERT F IN BOX 68MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

W Q

70
TELESCOPE
CASING72
LOG
INDICATOR74 75 76
OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour)

04
8 9

PUMPING RATE (gal. per min.)

4
11 15METHOD USED TO
MEASURE PUMPING RATE

5926

WATER LEVEL (distance from land surface)

BEFORE PUMPING

46
17 20 ft.

WHEN PUMPING

262
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

LAND SURFACE

- below

02 (nearest
foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURES
AND INDICATE NOT LESS THAN
TWO DISTANCES
(MEASUREMENTS TO WELL)21' 70'
24' 0'
Willow Birch Dr.

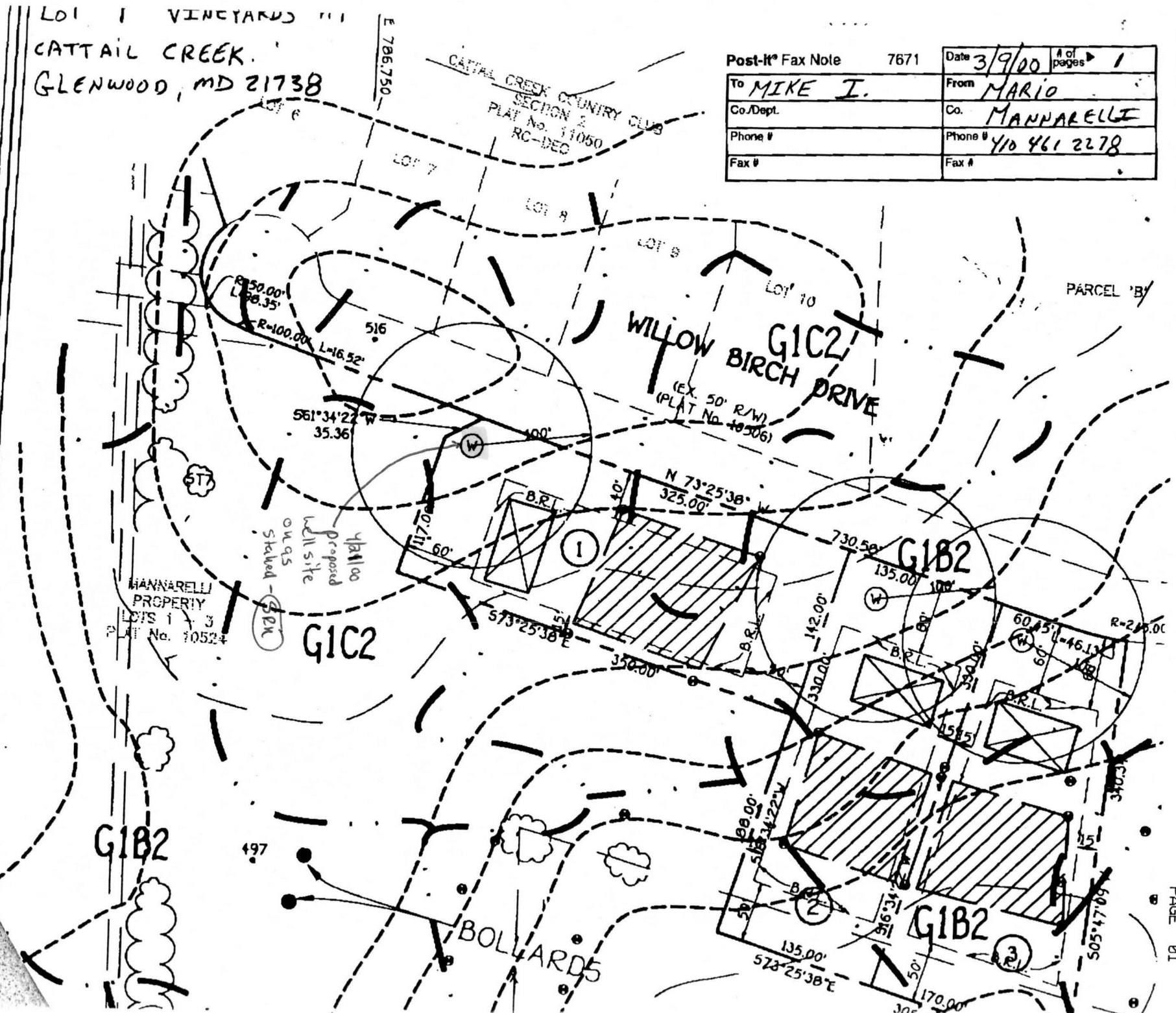
LOT 1 VINEYARDS III
CATTAIL CREEK.
GLENWOOD, MD 21738

Post-It® Fax Note

7671

Date	3/9/00	# of pages	1
To	MIKE I.		
From	MARIO		
Co./Dept.	Co. MANNARELLI		
Phone #	Phone # 410 461 2278		
Fax #	Fax #		

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AUTHORITY
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OF A



B1

13925

1

2

3

4

5

6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
70 40 - 94 - 2644 79
fill in this form completely

Date Received (APA)
4/21/00

8 MM DD YY 13

OWNER INFORMATION

MANNARZLI

Mario

34

2929 Summit Circle

36 Street or RFD 55

ELLICOTT CITY MD. 21043

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Allen Compton

M S D 009

76 License No. 81

Fogle's Well Drilling (795-5670)

34 Firm Name

580 Obrrecht Rd. Sykesville MD 21784

44 Address

Allen Compton

4/21/00

34 Signature Date

B2

2

WELL INFORMATION

APPROX. PUMPING RATE

5

8 GAL. PER MIN. 12

AVERAGE DAILY QUANTITY NEEDED

500

14 GAL. PER DAY 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D

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

APPROXIMATE DEPTH OF WELL

200

24 FEET 28

APPROXIMATE DIAMETER OF WELL

6"

NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered)

JETTED

Jettied & DRIVEN

AIR-ROTary

AIR-PERCussion

ROTARY (Hydraulic Rotary)

CABLE

REVerse-ROTary

DRive-POINT

other

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL

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

41

52

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

APPROP. PERMIT NUMBER

54

GAP

63

PERMIT No.

40 - 94 - 2644

70 71 72 73 74 75 76 77 78 79

B3

3

LOCATION OF WELL

Howard

8 COUNTY 21

Vineyards AT Cattail Creek

23 SUBDIVISION 42

SECTION 44 46

LOT 48 50

Glenwood

52 NEAREST TOWN 71

B4

4

1

2

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NW

N

NE

W

TOWN

E

SW

S

SE

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH

WEST

EAST

SOUTH

34 40 37

DISTANCE FROM ROAD

ENTER FT OR MI

38 39

TAX MAP: 21 BLK: 8 PARCEL 211

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard

A-5022566

41

COUNTY NAME

COUNTY NO.

STATE SIGNATURE

INSERT S

41

DATE ISSUED

5/1/00

B. Baber

6/1/01

41

43 MM DD YY 48

CO SIGNATURE

EXP. DATE

NORTH GRID

524 000

EAST GRID

787 000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

5/3/00 Willow Birch

1:00 X

no ins.

Cattail Creek DR

SOURCES OF DRILLING WATER

1. well water

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 787

N 524

000

000

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

Willow Birch Dr.

Cattail Creek

97

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

DENV-Permit 97

© COUNTY

Date Received (APA)
3 14 00
8 MM DD YY 13

OWNER INFORMATION

15 Last Name Mammarelli Owner First Name Mario 34
36 Street or RFD 2929 Summit Circle 55
57 Town Elliot City State MD Zip 21043 76

DRILLER INFORMATION

Driller's Name Paul M. Fabiszak M W D 3 9 9 76 License No. 81
Firm Name G. Edgar harr Sons' Corp
Address 12047 Falls Rd Cockeysville 21030
Signature [Signature] Date 3/10/00

B 2
1 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750 12 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- ☒ D 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

APPROXIMATE DEPTH OF WELL 200 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

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 DEEPEMED 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)

APPROP. PERMIT NUMBER 54 G A P 63
PERMIT No. H0-94-2644
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

B 3

LOCATION OF WELL

8 COUNTY Howard 21
23 SUBDIVISION Vinards at Cattail Creek 42
SECTION 44 LOT 1 46 48 50
52 NEAREST TOWN Celestwood 71
MILES FROM TOWN (enter 0 if in town) 2 M I 73 76 77 78

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W
EAST E
SOUTH S
34 25 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39
TAX MAP: BLK: PARCEL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME Howard COUNTY NO. A-5022566
STATE SIGNATURE [Signature] INSERT S 41
DATE ISSUED 04 25 00 Steven R. King 04 25 01
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 524 0 0 0 EAST GRID 787 0 0 0
50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

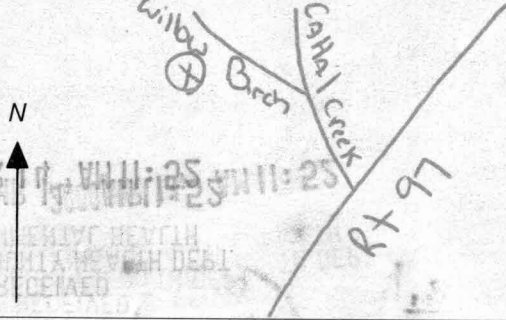
SOURCES OF DRILLING WATER

1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7807
N 5204

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



Well Permit No. HO - 94-2644
Location of property (road) Willow Birch Drive
Subdivision Vineyards at Cattail Creek Lot 1 Block Plat Sec.
Well Driller ~~Greg Edgerton Sons Inc~~ Owner Marie Mannacelli
Fogles Well Drilling, Allen Compton
Depth of well 300'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 46'

Time pump started 12:30 Pumping rate 13
Total time 45 min. to reach pumping water level 262 ft. below M.P.

[illegible]

20124.

I. High rate pumping -- reservoir drawdown

Time pump started _____ Pumping rate _____
Total time _____ to reach pumping water level _____ ft. below M.P.

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

[illegible]

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: Action ONE Services Telephone #: 410-876-4661
Address: 7306 Dogwood Rd.
WOOD LAWN, MD 21244

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Jeffrey C Kerker License# 7998

***A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.**

Name of Property Owner: Bob Porter Telephone #: 410-552-6210
Subdivision: 7774 WOODBINE RD Lot #: 1 Well Tag #: HO-94-2694
Site Address: 3595 Willow Birch Dr. CATTAIL CREEK
GLEA WOOD, MD 21738

Submersible Pump Data

Make: Myers
Model #: 2ST72-S
Pump Capacity 5 GPM
Well Yield: 5 GPM

Pitless Adapter

Make: Martinson
Model#: M-1310
Depth: 6.5 (36" min)
NSF/WSC approved:

Well Cap and Electric Conduit

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

Depth of well encountered at time of pump installation: 300 (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors, Cable guards, or other acceptable method used- Must circle one

Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

Piping to house

Type: IPSX 300 160# poly
PSI: 160 (160 psi min)
Depth of supply line: 3 (36" min)

House Connection

PVC sleeve 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.

Signature of company representative responsible for installation: Jeffrey C Kerker Lic 7998 STMD. date: 5-5-01

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

Date Insp. Requested: 5/1/01 Date Insp. Approved: 8/17/01 Inspector: BB
Inspection Data: Pitless adapter watertight & 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 not seen outside of well cap/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 ✓

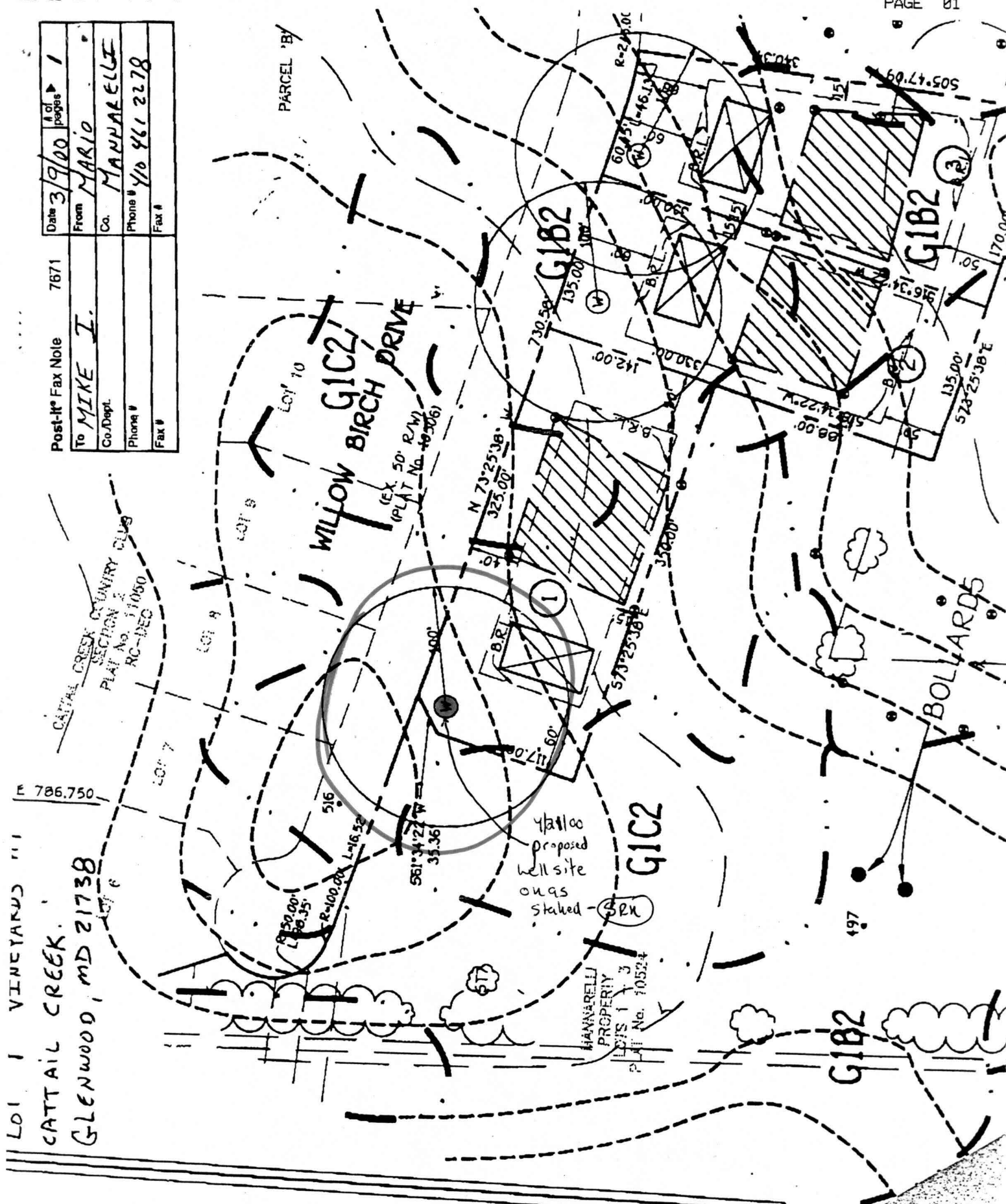
5/1/01
Cap and
Conduit Not
Installed -
Covered.
Everything
Else OK.
(BB)

Insp. by BRIAN

8/17/01 BB
Cap OK - don't know
depth of conduit

Post-It® Fax Note	7671	Date	3/9/00	# of pages	1
To	MIKE I.	From	MARIO		
Co./Dept.		Co.	MANNARELLI		
Phone #		Phone #	410 461 2278		
Fax #		Fax #			

PARCEL 'B'



D. SAL
ARE
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DID
TEM.
AUTHORITY
O THE
W A

4/21/00 - proposed well site on as staked (SRU)

LOT 1 VINCENNES "I"
CATTAIL CREEK
GLENWOOD, MD 21738

CATTAIL CREEK COUNTRY CLUB
SECTION 2
PLAT No. 11060
RC-1000

Post-it Fax Note 7671		Date 3/9/00	Adj Pages 1
To MIKE I.	From MARIO	Co. MANNAPELLI	Phone # Y10 Y61 2278
Co/Dept.		Phone #	
Fax #		Fax #	

