

C1 8139

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.

COUNTY
NUMBER

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

ST/CO USE ONLY
DATE Received
MM DD YY 11

DATE WELL COMPLETED
MM DD YY 11
5-19-11

Depth of Well
22 375 26 10/14/2011

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-95-2125

OWNER: John, Martin & trustee
STREET OR RFD: 6517 Koonah Garden Ln
SUBDIVISION: Koonah Garden Est SECTION: Highland TOWN: M.D. LOT: 20

WELL LOG

Not required for driven wells

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Top Soil	0	1	
Red Clay soil	1	15	
Top Silty Soil	15	30	
Soft Grey Granite	30	35	
Hard Granite	35	108	
Soft Weathered Rock	108	121	
Hard Grey Granite	121	375	

NUMBER OF UNSUCCESSFUL WELLS: _____

WELL HYDROFRACTURED YES NO

CIRCLE APPROPRIATE LETTER
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 SD 106
DRILLERS SIGNATURE: [Signature]
LIC. NO.: DW 924

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

GROUTING RECORD
WELL HAS BEEN GROUTED YES NO
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 24 NO. OF POUNDS 600
GALLONS OF WATER _____
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 375 ft.

CASING RECORD
casing types insert appropriate code below
ST STEEL CO CONCRETE
PL PLASTIC OT OTHER
MAIN CASING TYPE PL
Nominal diameter top (main) casing (nearest inch) 6.38
Total depth of main casing (nearest foot) 38

OTHER CASING (if used)
EACH CASING 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

C2 DEPTH (nearest ft.)

1	2	3	4	5	6
8	9	11	15	17	21
23	24	26	30	32	36
38	39	41	45	47	51

E SLOTTED SIZE 1 _____ 2 _____ 3 _____
DIAMETER OF SCREEN (NEAREST INCH)
56 from 60 to

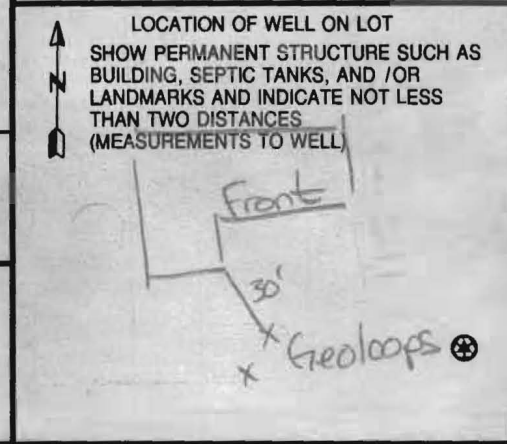
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 88

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

C3 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 YES NO
(CIRCLE) (YES or 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 (nearest foot)
- below }



B 1 9418
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
535159 please type

STATE PERMIT NUMBER

HO-95-2125
70 fill in this form completely 79

Date Received (APA)
4/15/11
8 MM DD YY 13

OWNER INFORMATION

15 Last Name Owner First Name 34
Keshin Martin E Trustee
36 Street or RFD 55
6817 Koondah Gardens
57 Town 70 State 72 Zip 76
Highland MA 20777

B 3

LOCATION OF WELL

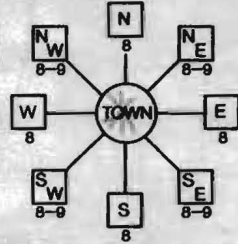
8 COUNTY 21
Howard
23 SUBDIVISION 42
Koondah Gardens Estates
SECTION 44 46 LOT 48 50
20
Highland
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 0 M I
73 76 77 78

DRILLER INFORMATION

Driller's Name 76 License No. 81
Marshal Arnette M 5 D 106
Firm Name
Allied Environmental Svcs
Address
PO Box 139, Annapolis Junction MD 20701
Signature 4/12/11 Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD 30
(6817) Koondah Gardens
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH NE
WEST S EAST
34 110 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
TAX MAP: 0034 BLK: 0022 PARCEL 0078

B 2

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)
- I INDUSTRIAL, COMMERCIAL, DEWATERING
- P PUBLIC WATER SUPPLY WELL
- T TEST, OBSERVATION, MONITORING
- G GEO-THERMAL 2 Closed Loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13)
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 5/6/2011
5/6/2011 Brian Baker 5/6/2012
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 491 000 EAST GRID 811 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 375 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
NEAREST INCH

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

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 8101
N 4901
000 X
000

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) 41 52

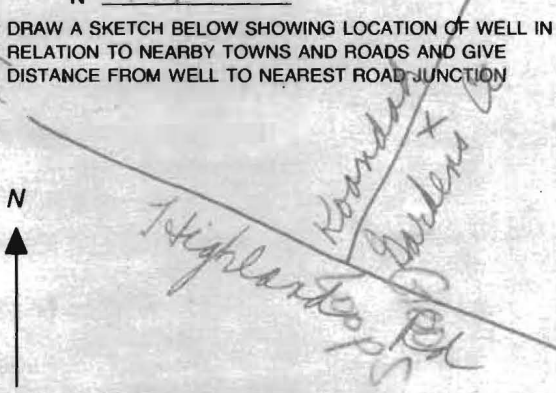
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

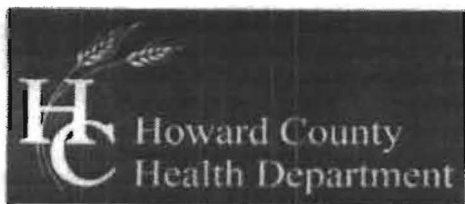
APPROP. PERMIT NUMBER G
PERMIT No. HO-95-2125
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED
Grout Boreholes from Bottom to Top with Tremie Pipe

14/18/12





Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, 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:

Well Site Location:

Koandah Gardens Estates 20 Koandah Gardens
Subdivision/Property Name Lot# Road Name

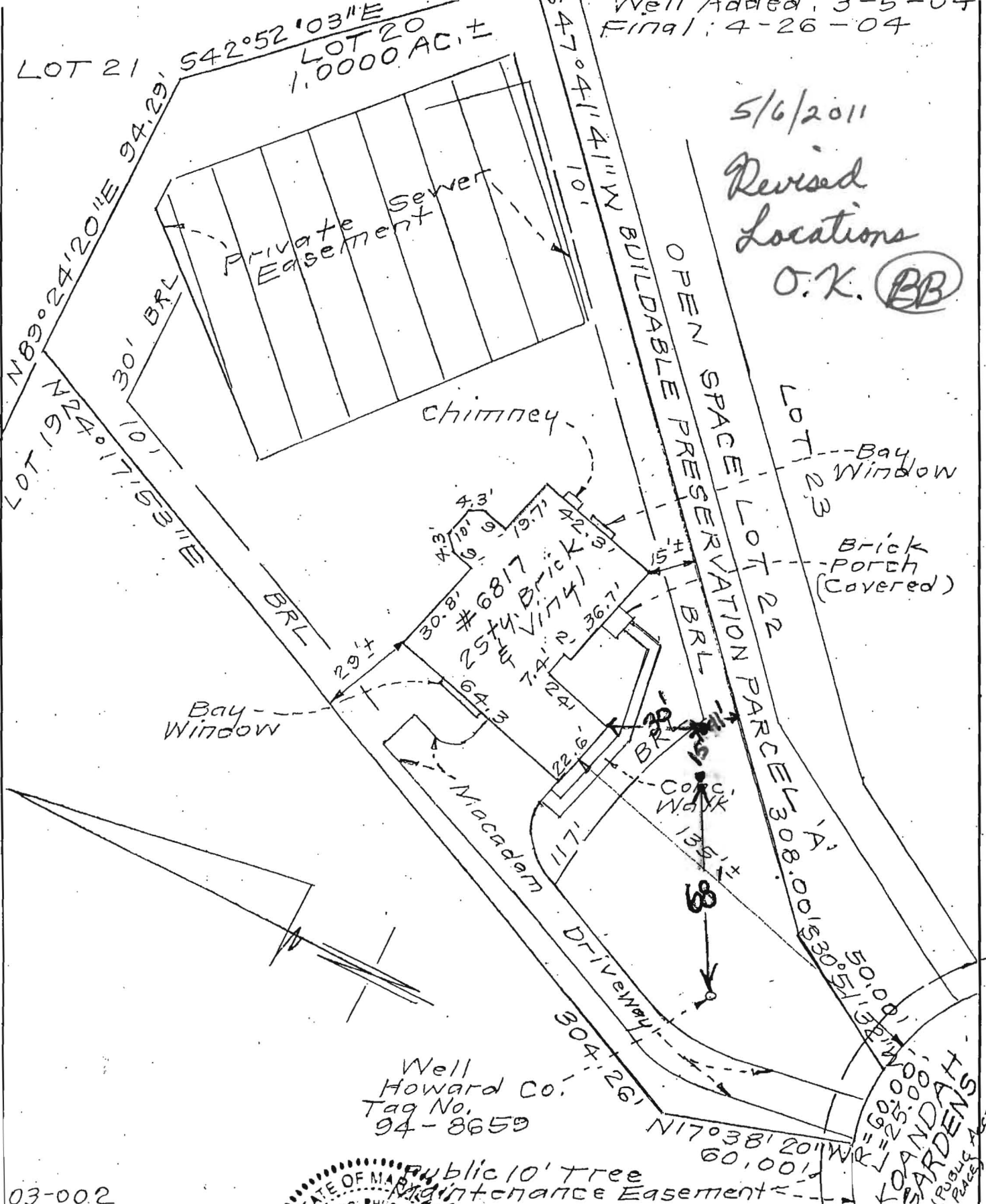
- The well site has been staked by Allied Well Drilling,
(professional land surveyor or company employing professional land surveyors)
on 4/13/11 (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health Department to schedule a time to meet in 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 3/11/05

Well Added, 3-5-04
Final: 4-26-04

5/6/2011
Revised
Locations
O.K. (BB)



03-00.2

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey
Property has been made under my supervision
For the purpose of locating improvements shown
hereon and that they are located as shown



CLARK, FINEFROCK & SACKETT, INC.

ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY COLUMBIA, MARYLAND 21045
TELEPHONE: BALT. (410)381-7500 WASH. (301)621-8100

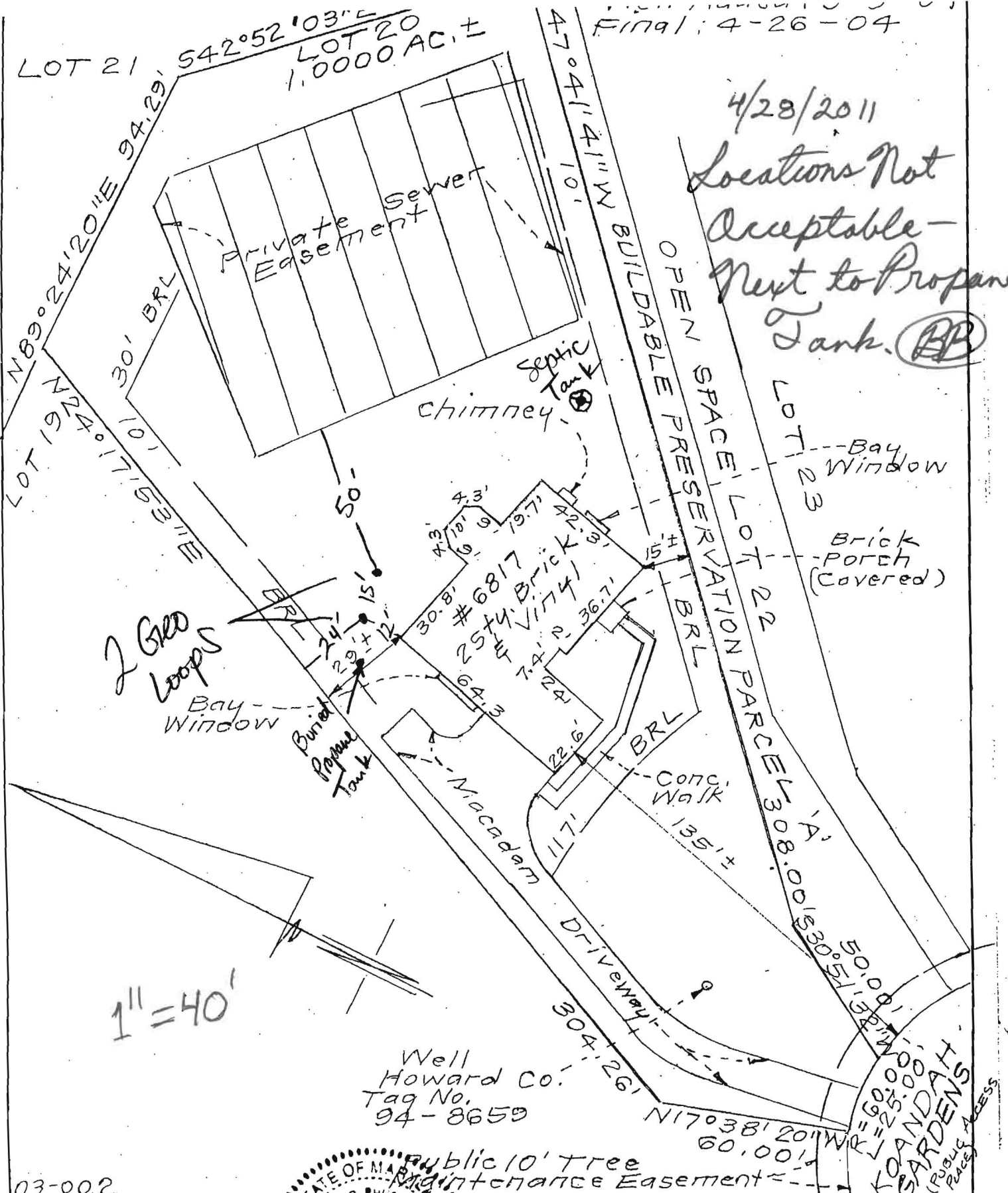
REFERENCE	DRAWN BY: KINC	CHECKED BY: MA
Plot M.D.R. No. 15632	DATE: 4-27-04	FILE NO.:
	SCALE: 1"=40'	117 94-W

[Handwritten signature]

Final: 4-26-04

4/28/2011

Locations Not Acceptable - Next to Propane Tank. (BP)

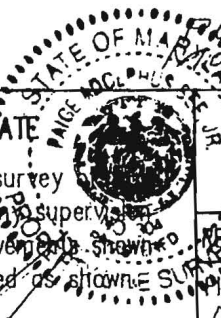


03-002

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of the property has been made under my supervision for the purpose of locating improvements shown hereon, and that they are located as shown.

[Signature]



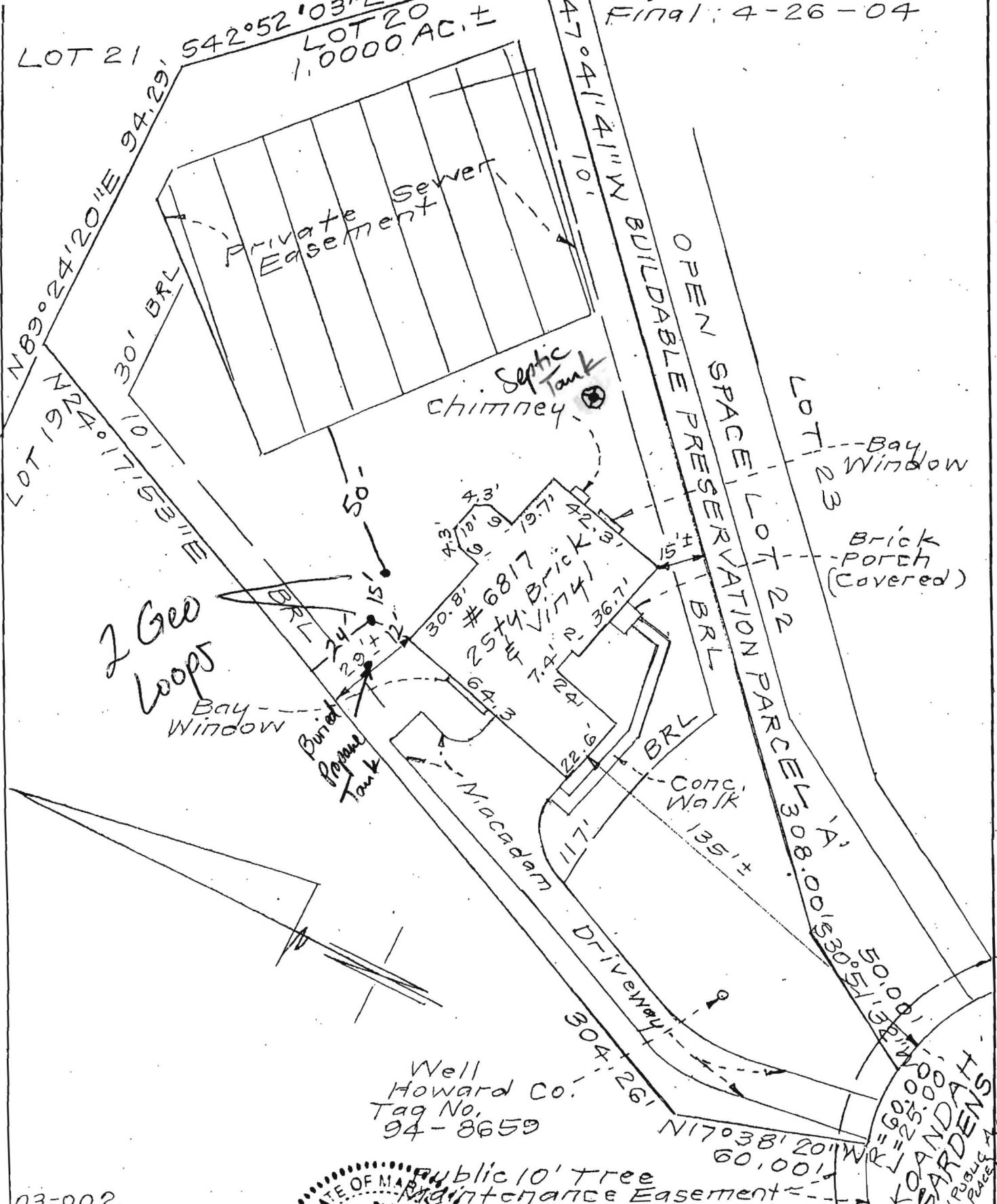
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REFERENCE Plot M.D.R. No. 15632	DRAWN BY: KIVE DATE: 4-27-04 SCALE: 1" = 40'	CHECKED BY: MA FILE NO.: 112 94-W
---------------------------------------	--	---

Final: 4-26-04

LOT 21 542°52'03"E
LOT 20
1,0000 AC. ±



Well
Howard Co.
Tag No.
94-8659

03-002

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey
Property has been made under my supervision
for the purpose of locating improvements shown
hereon, and that they are located as shown.

[Signature]



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TELEPHONE: BALT. (410)381-7500 • WASH. (301)621-8100

REFERENCE Plot M.D.R. No. 15632	DRAWN BY: KING	CHECKED BY: MA
	DATE: 4-27-04	FILE NO.:
	SCALE: 1"=40'	112 94-W

KANDAH GARDENS
(PUBLIC ACCESS)
60.00'
25.00'
50.00'