

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) FILL IN THIS FORM COMPLETELY PLEASE TYPE COUNTY NUMBER A-520-385

ST/CO USE ONLY DATE RECEIVED MM 10 DD 15 YY 13 DATE WELL COMPLETED MM 09 DD 15 YY 20 DEPTH OF WELL 22 105 26 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 10/21/15 SC 28 29 30 31 32 33 34 35 36 37

OWNER Bassler Venture LLC WELL SITE ADDRESS last name GRAPE MYRTLE CT first name TOWN CLARKS BURG MD SUBDIVISION WALNUT CREEK PHASE 4 SECTION LOT 145

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	
Clay	2	11	
Sandy	11	20	
Sandstone	20	30	✓
MICKA	30	50	
Sandstone	50	55	✓
MICKA	55	105	

GROUTING RECORD yes no
WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
TYPE OF GROUTING MATERIAL (Circle one) CEMENT C M BENTONITE CLAY B C
NO. OF BAGS 45 46 15 NO. OF POUNDS 46 45 1500
GALLONS OF WATER 90
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 38 ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
STEEL S T CONCRETE C O
PLASTIC P L OTHER O T
MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)
PL 6 40

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

SCREEN RECORD
screen type or open hole insert appropriate code below
STEEL S T BRASS B R OPEN HOLE H O
BRONZE P L PLASTIC O T OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0
WELL HYDROFRACTURED yes Y no 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. MSD 112
DRILLERS SIGNATURE
LIC. NO. 1

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

C 2 DEPTH (nearest ft.)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
1 40 38 105

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
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 20
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 24 ft.
WHEN PUMPING 26 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. 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
LAND SURFACE 2 (nearest foot)

LATITUDE 39.23499
LONGITUDE 76.99599
(DEFAULT COORD. WGS 84)

NOTES:
15 bags = 3.9 bags/10'
3.8

26871

SEQUENCE NO (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-15-0115

Date Received (APA)

080315

OWNER INFORMATION

Kassler Venture LLC, PO Box 482, Lisbon MD 21765

B 3

LOCATION OF WELL

Howard COUNTY, Walnut Creek Phase 4, Clarksville MD

DRILLER INFORMATION

Ralph E. Wayne, MSD 117, RAYL WAYNE WELL DRILLING, 17024 Handy Rd Mt. Airy MD 21771

B 4

SOURCES OF DRILLING WATER

1. well

GRADE MYRTLE Ct, 225, DISTANCE FROM ROAD 49

B 2

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, FARMING, INDUSTRIAL, COMMERCIAL, DEWATERING, PUBLIC WATER SUPPLY WELL, TEST, OBSERVATION, MONITORING, OPEN LOOP GEOTHERMAL, CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY, AS20385, STATE SIGNATURE, DATE ISSUED 8/11/15, CO SIGNATURE, EXP. DATE 8/11/16

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 64 INCH

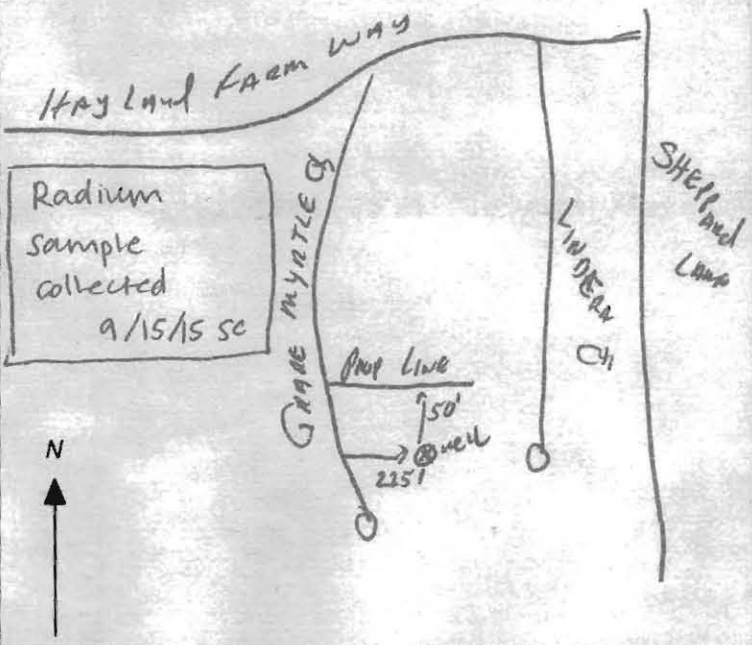
METHOD OF DRILLING (circle one)

BORED (or Augered), JETTED, Jetted & DRIVEN, AIR-ROTary, AIR-PERCussion, ROTARY (Hydraulic Rotary), CABLE, REVERSE-ROTary, DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

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

PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL



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

APPROX. PERMIT NUMBER H02006G020, PERMIT No. HO-15-0115

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED. Wells must be 100' apart. Radium sample required at yield.

HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH
 WELL & SEPTIC PROGRAM
 TEL: (410)313-1771 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: Tri-County Pump Service, Inc Telephone #: 301-432-0370
 Address: 6911 Oldabram Pt
Derwood, Md 21037

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:
 Name (Print): William Griffith License # 20135

*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: Craftmark Homes Telephone #: 703-932-0573 7/20/2018
 Subdivision: Walnut Creek Lot #: 45 Well Tag #: HO-15-0115 - Abandoned 12/11/2017
 Site Address: 5043 Craftmark Ct
Ellicott City, Md 21042 NEW WELL HO-17-0200

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Slack</u>	Make: <u>Amperex Bony</u>	Two piece watertight cap: <u>Y</u>
Model #: <u>SP1730522-01</u>	Model #: <u>P7100</u>	Screened, vented well cap: <u>Y</u>
Pump Capacity: <u>7</u> GPM	Depth: <u>105</u> (36" min)	Cap secured to casing: <u>Y</u>
Well Yield: <u>20</u> GPM	NSF/WSC approved: <u>Y</u>	Conduit min 18" B.G.: <u>Y</u>

Depth of well encountered at time of pump installation: 105 (feet) Conduit secured to well cap: Y
 If pump capacity exceeds well yield, a low water out off switch is required by NSPC 1990 Section 17.8.4
 Torque wrenches, 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

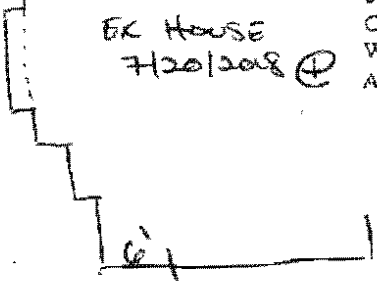
Piping to house	House Connection
Type: <u>PVC</u>	PVC sleeve to undisturbed soil at wall penetration: <u>Y</u>
PSI: <u>200</u> (160 psi min)	Length of sleeve (minimum from foundation): <u>20</u>
Depth of supply line: <u>36"</u> (36" min)	Sleeve sealed properly: <u>Y</u>

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: William E. Pitt date: 7-19-2018

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

Date Insp. Requested: 7/20/2018 Date Insp. Approved: 7/20/2018 Inspector: P
 Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade Y 47" 7/20/2018 @
 Two piece cap installed and attached to casing securely Y
 Elec. conduit extends at least 18" below grade/attached to cap properly Y 47" 7/20/2018 @
 Safety rope not outside of well cap/casing Y
 Correct well tag attached properly and casing 8" above finished grade Y 14" 7/20/2018 @
 Water supply line sleeved adequately at house connection Y
 Adequate grout observed below pitless adapter Y



I:\2004\04001\dwg\PHASE FOUR FINALS\04001 Phase Four FINAL WELL MAPS.dwg, 7/22/2015 9:32:08 AM, 1:1

DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER
HO-15-0115
INFORMATION-GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND, 21230

N:571280.28
E:1327639.00
N039° 14' 06.99"
W076° 56' 45.51"

N:571179.20
E:1327629.82
N039° 14' 05.99"
W076° 56' 45.63"

N:571051.97
E:1327639.80
N039° 14' 04.73"
W076° 56' 45.50"

Well box approved
8/11/15 SC
Well site staked
Fisher,
Collins, + Carter

LOT 145

LOT 146

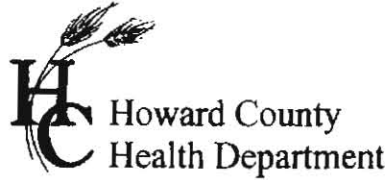
WELL LOCATION INFORMATION:
NORTHING = 571179.20 EASTING = 1327629.82
LATITUDE = N 39° 14' 06" LONGITUDE = W 76° 56' 46"

LOT 145 WELL MAP
WALNUT CREEK
PHASE FOUR

Lots 23 - 68, Non-Buildable Preservation Parcels
'C', 'G', 'I', 'K', 'L' And 'M', Buildable Bulk Parcels 'E' And 'H'
& Non-Buildable Parcel 'J'

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

ZONED: RC-DEO & RR-DEO
TAX MAP No. 28 GRID Nos. 4, 5, 10-12, 17, AND 18 PARCEL No. 49
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: FEBRUARY 23, 2015 SCALE: 1"=50'



7178 Columbia Gateway Dr., Columbia, MD 21046
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Peter L. Bielensohn, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

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

Well Site Location:

Walnut Creek Phase 4	145	Crape Myrtle Ct.
Subdivision/Property Name	Lot #	Road Name

- The well site has been staked by Fisher, Collins and Carter, Inc.,
 (professional land surveyor or company employing professional land surveyors)
 on 07/27/15 (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 3/11/07

1:2004104800 PHASE FOUR

KENWOOD II
ELEV. 6
382-FF = 389.72
BE = 379.70

FF =
BE =

NOTE:
NO GRAVITY SEWER
SERVICE FOR BSMT.

LOT 145
34,467 Sq. Ft.

EX. WELL
HO-15-0115

PROPOSED NEW
WELL
LOCATION

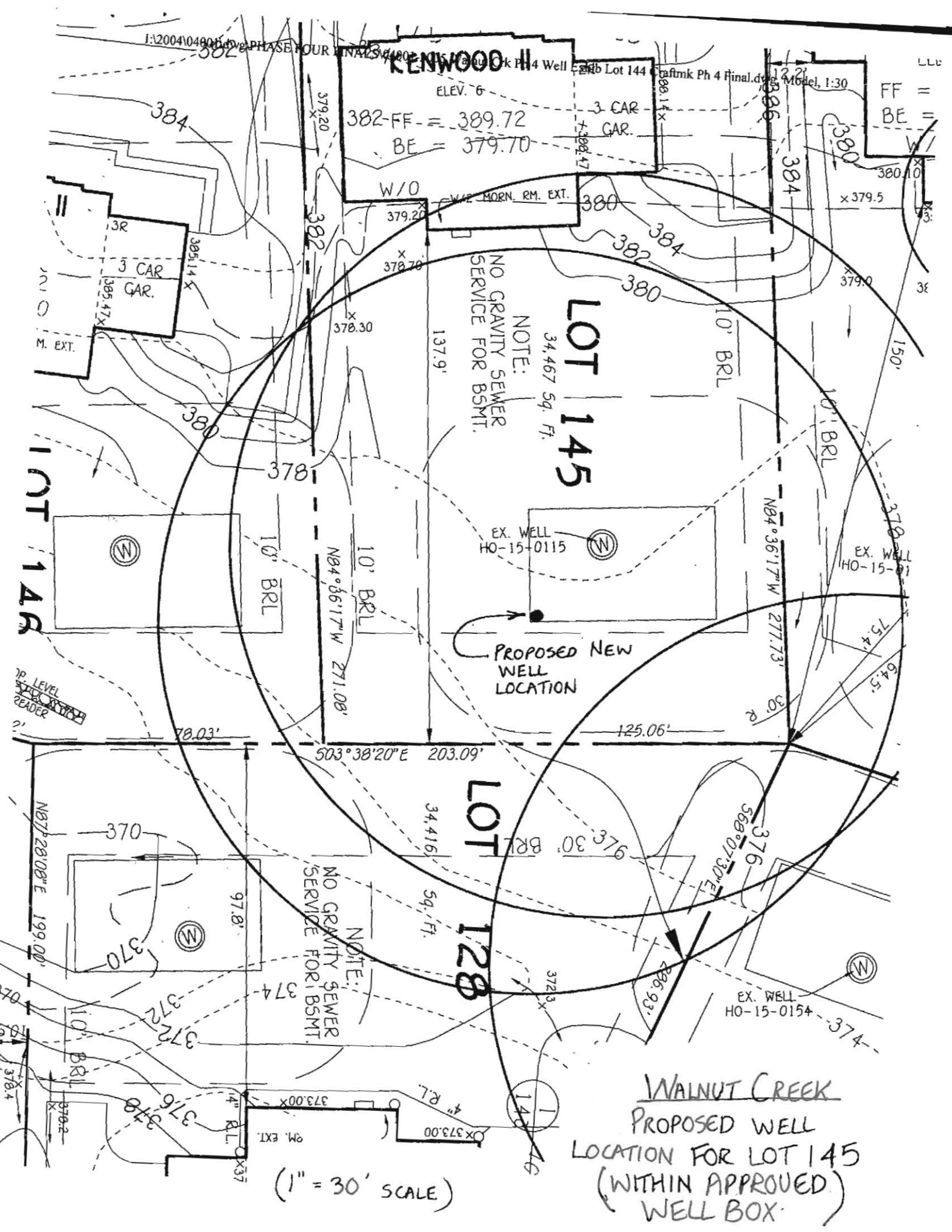
LOT 128
34,416 Sq. Ft.

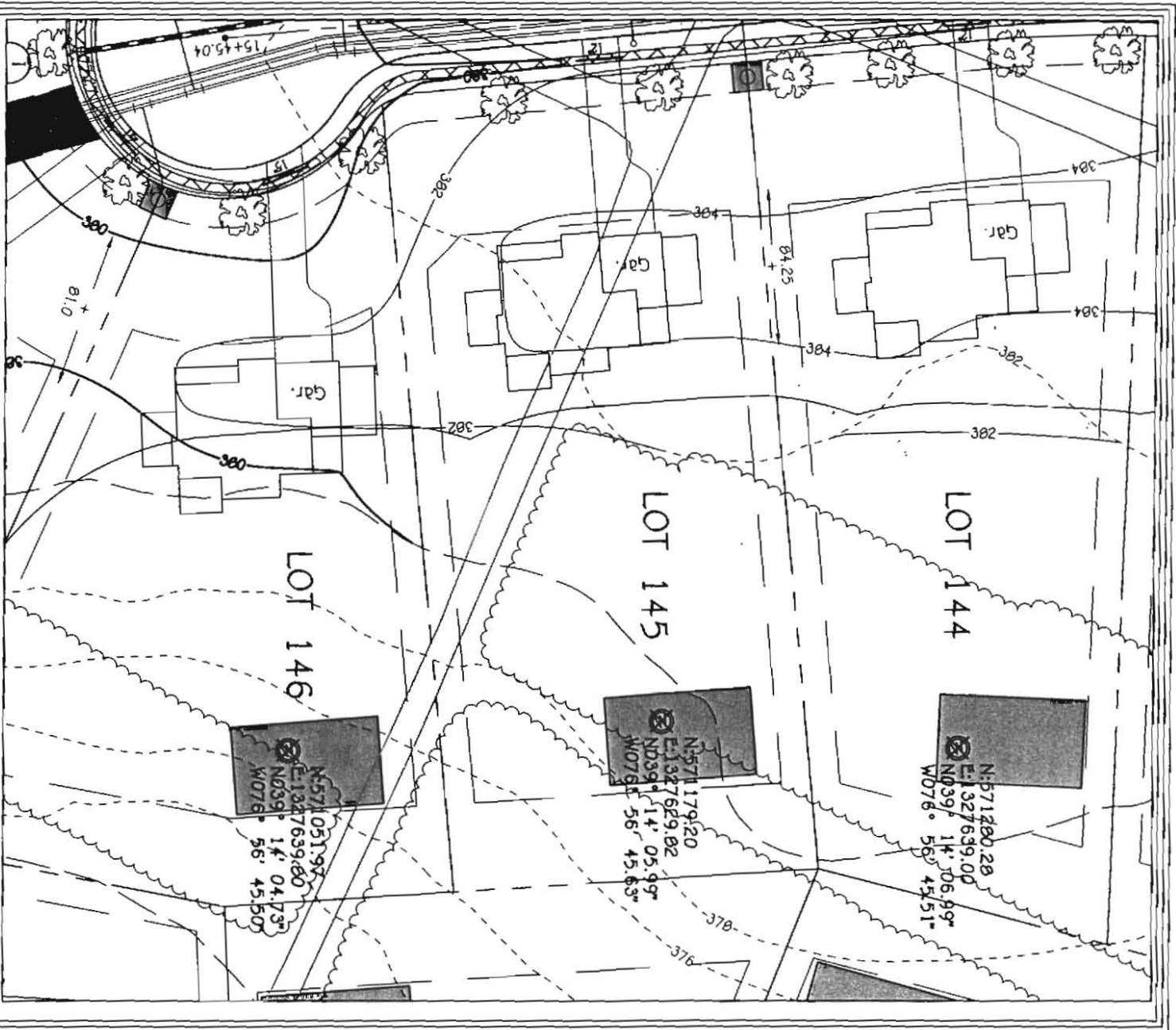
NOTE:
NO GRAVITY SEWER
SERVICE FOR BSMT.

EX. WELL
HO-15-0154

WALNUT CREEK
PROPOSED WELL
LOCATION FOR LOT 145
(WITHIN APPROVED)
WELL BOX.

(1" = 30' SCALE)





WELL LOCATION INFORMATION:
 NORTHING = 571179.20 EASTING = 1327629.82
 LATITUDE = N 39°14'08" LONGITUDE = W 76°56'46"

LOT 145 WELL MAP
WALNUT CREEK
 PHASE FOUR

Lots 23 - 69, Non-Buildable Presentation Parcels
 & Non-Buildable Parcel 'J'
 ZONED: RC-D60 & 82-D60
 TAX MAP No. 28 GRID Nos. 4, 5, 10-12, 17, AND 18 PARCEL No. 49
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: FEBRUARY 23, 2015
 SCALE: 1"=30'

FISHER COLLINS & CARTER, INC.
 CIVIL ENGINEERING, CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 18272 SQUIRREL NATIONAL PKWY
 SUITE 1011 CRT, HANOVER 21042
 (410) 461-2295

