

C 1 48295		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)		DATE RECEIVED MM DD YY 01 31 18		DATE WELL COMPLETED MM DD YY 06 30 2018		DEPTH OF WELL 22 400 26 (TO NEAREST FOOT)	
ST/CO USE ONLY		DATE RECEIVED MM DD YY 01 31 18		DATE WELL COMPLETED MM DD YY 06 30 2018		DEPTH OF WELL 22 400 26 (TO NEAREST FOOT)	
OWNER EGG Construction		WELL SITE ADDRESS 1680 Woodstock Road		TOWN Woodstock, MD 21163		PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 17 - 0242	
SUBDIVISION		SECTION		LOT			
WELL LOG Not required for driven wells		GROUTING RECORD		C 3		PUMPING TEST	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		WELL HAS BEEN GROUTED (Circle Appropriate Box) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		HOURS PUMPED (nearest hour) 8 9		PUMPING RATE (gal. per min.) 11 15	
DESCRIPTION (Use additional sheets if needed)		TYPE OF GROUTING MATERIAL (Circle one) CEMENT <input checked="" type="checkbox"/> CM BENTONITE CLAY <input checked="" type="checkbox"/> BC		METHOD USED TO MEASURE PUMPING RATE		WATER LEVEL (distance from land surface)	
FEET FROM TO		NO. OF BAGS 23 NO. OF POUNDS 1150		BEFORE PUMPING 17 20 ft.		WHEN PUMPING 22 25 ft.	
Moist stiff Brown fine Sandy mica. silt Weathered Rock Rock (gray schist) 2x geothermal		GALLONS OF WATER 368		TYPE OF PUMP USED (for test) <input checked="" type="checkbox"/> A air <input type="checkbox"/> P piston <input type="checkbox"/> T turbine <input checked="" type="checkbox"/> C centrifugal <input type="checkbox"/> R rotary <input type="checkbox"/> O other (describe below) <input type="checkbox"/> J jet <input type="checkbox"/> S submersible		PUMP INSTALLED DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES OR NO)	
DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)		CASING RECORD <input checked="" type="checkbox"/> ST STEEL <input checked="" type="checkbox"/> CLO CONCRETE <input type="checkbox"/> PL PLASTIC <input type="checkbox"/> OT OTHER		CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35		PUMP HORSE POWER 37 41	
MAIN CASING TYPE		Nominal diameter top (main) casing (nearest inch) 60 61 65 64 66 70		PUMP COLUMN LENGTH (nearest ft.) 43 47		CASING HEIGHT (circle appropriate box and enter casing height) <input checked="" type="checkbox"/> + above <input type="checkbox"/> - below LAND SURFACE (nearest foot) 49 50 51	
OTHER CASING (if used) diameter inch depth (feet) from to		SCREEN RECORD <input checked="" type="checkbox"/> ST STEEL <input type="checkbox"/> BR BRASS <input type="checkbox"/> HO OPEN HOLE <input type="checkbox"/> PL PLASTIC <input type="checkbox"/> OT OTHER		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	
NUMBER OF UNSUCCESSFUL WELLS: 0		DEPTH (nearest ft.)		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	
WELL HYDROFRACTURED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		SLOT SIZE 1 2 3		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	
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		DIAMETER OF SCREEN (NEAREST INCH) 56 60		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	
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.		GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	
DRILLERS LIC. NO. 1 M W D 567		MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)		TELESCOPE CASING		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	
LIC. NO. 1 D		LOG INDICATOR		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		OTHER DATA		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or state law.

B 1	SEQUENCE NO. (MDE USE ONLY) <div style="font-size: 2em; font-weight: bold;">53600</div>	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type <div style="font-size: 1.5em;">502418</div>	STATE PERMIT NUMBER <div style="font-size: 1.5em;">40-17-0242</div> fill in this form completely
Date Received (APA) <div style="font-size: 1.2em;">02/01/18</div> <div style="font-size: 0.8em;">8 MM DD YY 13</div>		B 3 LOCATION OF WELL <div style="font-size: 1.2em;">Howard County</div> <div style="font-size: 0.8em;">8 COUNTY 21</div> <div style="font-size: 0.8em;">23 SUBDIVISION 42</div> <div style="font-size: 0.8em;">SECTION 44 46 LOT 48 50</div> <div style="font-size: 1.2em;">Woodstock</div> <div style="font-size: 0.8em;">52 NEAREST TOWN 71</div>	
OWNER INFORMATION <div style="font-size: 1.2em;">Press Palmer</div> <div style="font-size: 0.8em;">15 Last Name 34 First Name</div> <div style="font-size: 1.2em;">11680 Woodstock Road</div> <div style="font-size: 0.8em;">36 Street or RFD 55</div> <div style="font-size: 1.2em;">Woodstock, MD 21163</div> <div style="font-size: 0.8em;">57 Town 70 State 72 Zip 76</div>		B 4 SOURCES OF DRILLING WATER 1. municipal 2. 3.	
DRILLER INFORMATION <div style="font-size: 1.2em;">Jeff Corron</div> <div style="font-size: 0.8em;">Driller's Name 76 License No. 81</div> <div style="font-size: 1.2em;">Chesapeake Geosystems, Inc.</div> <div style="font-size: 0.8em;">Firm Name</div> <div style="font-size: 1.2em;">6720 Fort Smallwood Rd Bolt</div> <div style="font-size: 0.8em;">Address</div> <div style="font-size: 1.2em;">J. Corron</div> <div style="font-size: 0.8em;">Signature Date 01/30/18</div>		<div style="font-size: 1.2em;">11680 Woodstock Road</div> <div style="font-size: 0.8em;">11 STREET ADDRESS 30</div> <div style="text-align: center;"> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">NORTH W S EAST SOUTH</div> <div style="text-align: center;">34 1300' 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39</div> </div> </div> <div style="font-size: 0.8em;">TAX MAP: 10 BLK: 18 PARCEL 50</div>	
B 2 WELL INFORMATION <div style="font-size: 0.8em;">1 2</div> <div style="font-size: 0.8em;">APPROX. PUMPING RATE (GAL. PER MIN.) 8 12</div> <div style="font-size: 0.8em;">AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20</div>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <div style="font-size: 1.2em;">Howard</div> <div style="font-size: 0.8em;">COUNTY NAME COUNTY NO.</div> <div style="font-size: 0.8em;">STATE SIGNATURE INSERT S 41</div> <div style="font-size: 0.8em;">DATE ISSUED 02/14/18</div> <div style="font-size: 0.8em;">43 MM DD YY 48 CO SIGNATURE EXP. DATE</div> <div style="font-size: 0.8em;">5/30/2018</div>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <div style="font-size: 0.8em;">22</div> <div style="display: flex; flex-direction: column;"> <div><input type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION</div> <div><input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)</div> <div><input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING</div> <div><input type="checkbox"/> PUBLIC WATER SUPPLY WELL</div> <div><input type="checkbox"/> TEST, OBSERVATION, MONITORING</div> <div><input type="checkbox"/> OPEN LOOP GEOTHERMAL</div> <div><input checked="" type="checkbox"/> CLOSED LOOP GEOTHERMAL</div> </div>		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 <div style="font-size: 1.2em;">5/30/2018</div> <div style="font-size: 1.2em;">Bore 2 ~400' deep X2 1200'</div> <div style="font-size: 1.2em;">no H2O fractures</div> <div style="font-size: 1.2em;">Bore 1 1450'</div> <div style="font-size: 1.2em;">5/31/2018</div> <div style="font-size: 1.2em;">Bore 2 grouted w/ Hole Plug</div> <div style="font-size: 1.2em;">Breezewood Drive</div> <div style="font-size: 0.8em;">WOODSTOCK ROAD</div>	
APPROXIMATE DEPTH OF WELL <div style="font-size: 1.2em;">400</div> FEET <div style="font-size: 0.8em;">24 28</div>		APPROXIMATE DIAMETER OF WELL <div style="font-size: 1.2em;">6</div> INCH <div style="font-size: 0.8em;">NEAREST INCH</div>	
METHOD OF DRILLING (circle one) <div style="font-size: 0.8em;">30 BORED (or Augered) 37 CABLE other</div> <div style="font-size: 0.8em;">JETTED Jettied & DRIVEN</div> <div style="font-size: 0.8em;">AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) DRIVE-POINT</div>		REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <div style="font-size: 0.8em;">39</div> <div style="display: flex; flex-direction: column;"> <div><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</div> <div><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</div> <div><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS</div> <div><input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL</div> </div> <div style="font-size: 0.8em;">PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52</div>	
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER <div style="font-size: 1.2em;">G</div> PERMIT No. <div style="font-size: 1.2em;">40-17-0242</div> <div style="font-size: 0.8em;">70 71 72 73 74 75 76 77 78 79</div>			
SPECIAL CONDITIONS NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED. <div style="font-size: 1.5em;">39.326940 -76.879292</div>			

DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER

H0-17-0242

INFORMATION GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND 21230

30' B.R.L.

GRAVEL TERRACE
W/ TIMBER EDGE
BELOW RAISED
DECK

370'

EL. 389.5'
RAISED DECK

EL. 379.2'
GRAVEL TERRACE

STEPPED GRAVEL
PATH W/ TIMBER
BORDER EDGES

EXIST. WELL
TO REMAIN

2 wells @ 400'
1.25" closed loop
Geothermal

EL. 379.7'
FIN. LOWER LEVEL FL.

SEPTIC TANK,
SEE CIVIL DWG.

380'
EL. 390'

PROPOSED
HOUSE

FIN. MAIN LEVEL FL.

EL. 388.4'
DRIVEWAY

Gw #1
Gw #2
400'
21680 WOODSTOCK RD
H0-17-0242
Approved 2/14/18

INGRESS & EGRESS
EASEMENT

Staked by Contractor
Verified by Health

PROPOSED
SEPTIC
FIELD,
SEE CIVIL
DWG.

370'

PROPOSED
GARAGE

S 52° 28' 10" E 187.34'

PROPOSED ASPHALT DRIVE

EXIST.
DRIVE

ASPHALT DRIVE COURT
W/ TIMBER EDGE

N 52° 28' 10" W 103.55'

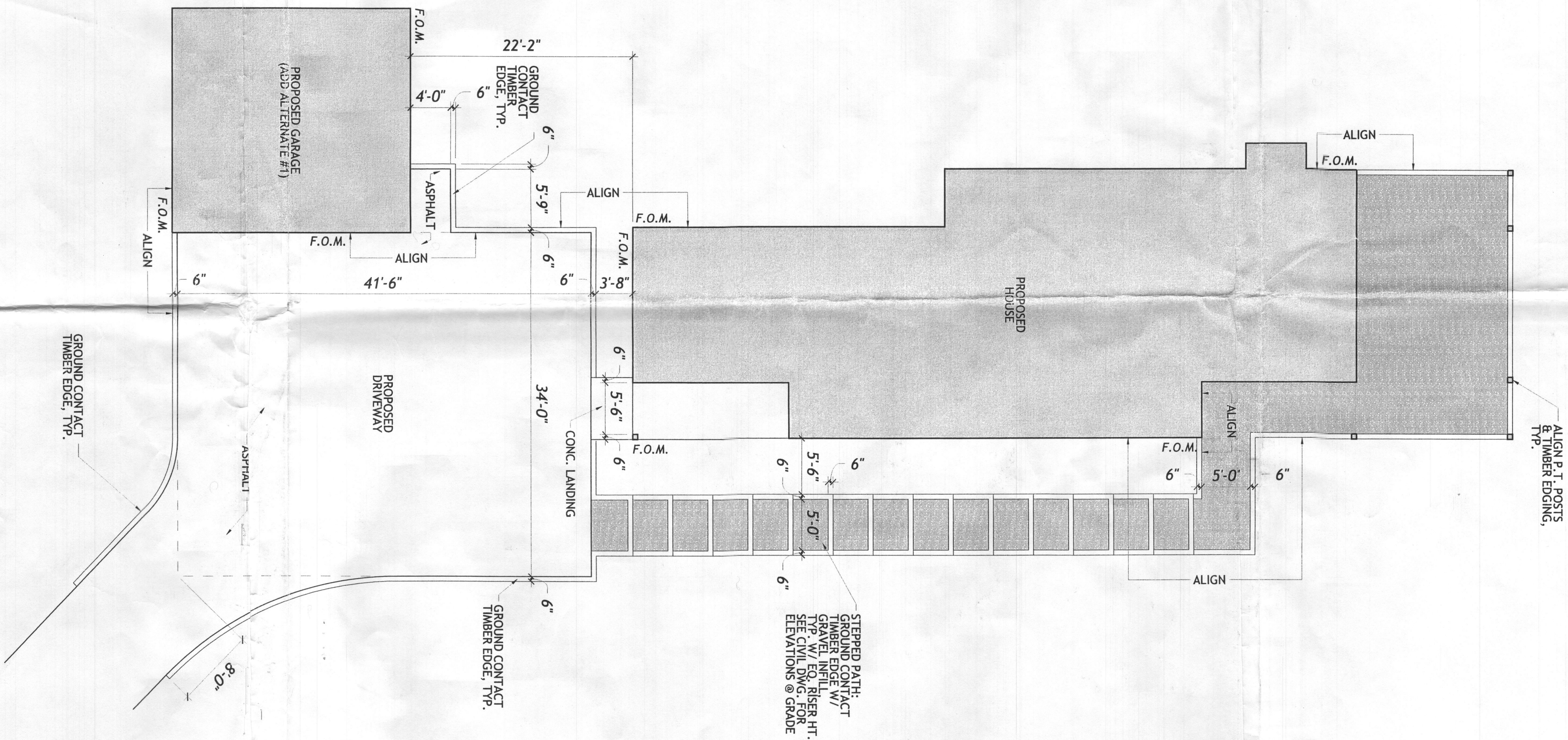
ADD ALTERNATE #1

BURIED PROPANE TANK,
SEE CIVIL DWG.

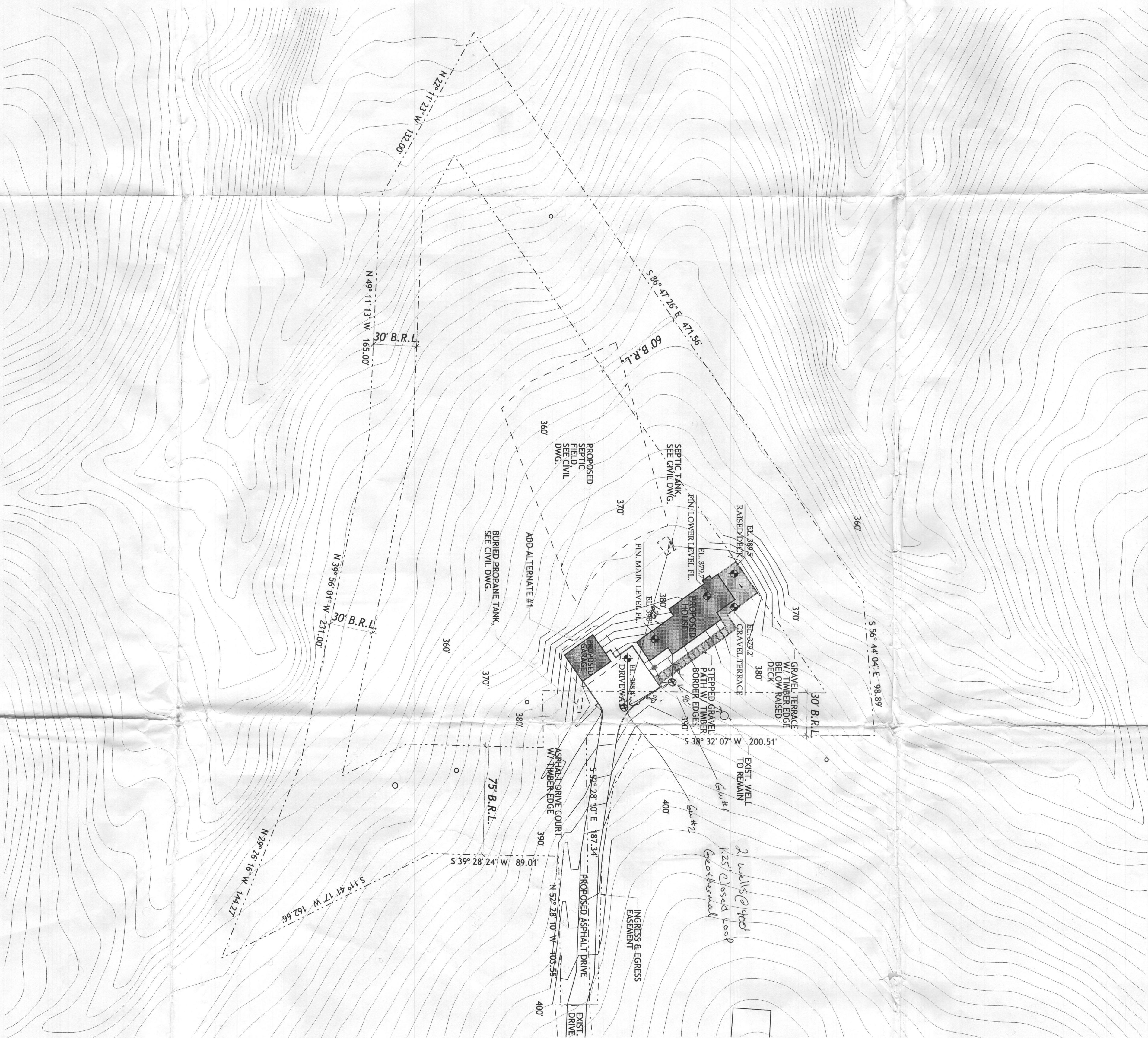
75' B.R.L.

S 39° 28' 24" W 89.01'

360'



2 ENLARGED SITE PLAN
SCALE: 1/8" = 1'-0"



1 SITE PLAN
SCALE: 1" = 40'-0"

SHEET NO.
A100

SITE PLAN

SCALE: 1" = 40'-0"

PERMIT SET
2017 JUNE 01

16.22

ALIPRANDO / PALMER RESIDENCE

1680 WOODSTOCK ROAD WOODSTOCK, MD 21163

MJSE ARCHITECTS, PC
Architecture and Interior Design

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