



HOWARD COUNTY HEALTH DEPARTMENT

68874

DATE 4/30/11

W5

Received From

Allied Environmental PHONE #

For

Well Permit / 13378
Greenstead Ct,

CASH

CHECK

NO.

25359

One hundred sixty Dollars

\$

16000

Received By

J King

C1 60060

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

DATE RECEIVED

04-29-21

APPROVED

300

40-20-0088

OWNER: Watson, Christopher & Judith; WELL SITE ADDRESS: 1378 Grinstead Ct; TOWN: Sykesville, MD

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Orange Merg Rock, Gray Rock, and Hard Rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (CM, BC); NO. OF BAGS; GALLONS OF WATER; DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (ST, CO, PL, OT); Nominal diameter; Total depth of main casing

OTHER CASING (if used)

Table for other casing with columns for diameter and depth

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT); insert appropriate code below

DEPTH (nearest ft.)

Table for depth with columns for casing sections and slot size

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING; LOG INDICATOR; OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED; PUMPING RATE; METHOD USED TO MEASURE PUMPING RATE; WATER LEVEL; TYPE OF PUMP USED

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES/NO); TYPE OF PUMP INSTALLED; CAPACITY; PUMP HORSE POWER; PUMP COLUMN LENGTH; CASING HEIGHT

LATITUDE 39.30187; LONGITUDE 76.97484

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.

B 1	SEQUENCE NO. (MDE USE ONLY) 48450	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER Ho - 20 - 0088 <small>fill in this form completely</small>
-----	--	--	---

OWNER INFORMATION

Date Received (APA) _____

8 MM DD YY 13
Watson Christopher + Judith

15 Last Name Owner First Name 34

13378 Grinstead Court

36 Street or RFD 55

Sykesville MD 21784

57 Town 70 State 72 Zip 76

LOCATION OF WELL

B 3

Howard

8 COUNTY 21

Annapolis

23 SUBDIVISION 42

SECTION 44 46 LOT 14 48 50

Sykesville

52 NEAREST TOWN 71

DRILLER INFORMATION

Brett Sweeney M S D 237

Driller's Name 76 License No. 81

Allied Well Drilling

Firm Name

PO Box 129 Annapolis Junction MD 20701

Address

[Signature] **04/22/21**

Signature Date

SOURCES OF DRILLING WATER

B 4

ROCK

1. _____

2. _____

3. _____

13378 Grinstead Ct

11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
 WEST
 EAST
 SOUTH

34 DISTANCE FROM ROAD 37

ENTER FT OR MI 38 39

TAX MAP: **0009** BLK: _____ PARCEL **0302**

WELL INFORMATION

B 2

1 2

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22 INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL **2 Loops**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

COUNTY NAME

XIII

COUNTY NO.

STATE SIGNATURE

INSERT S →

DATE ISSUED **04/26/21**

43 MM DD YY 48

CO SIGNATURE **[Signature]** EXP. DATE **04/26/2027**

DON: 4/28/21 (ST)

APPROXIMATE DEPTH OF WELL **300** 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)

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39 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

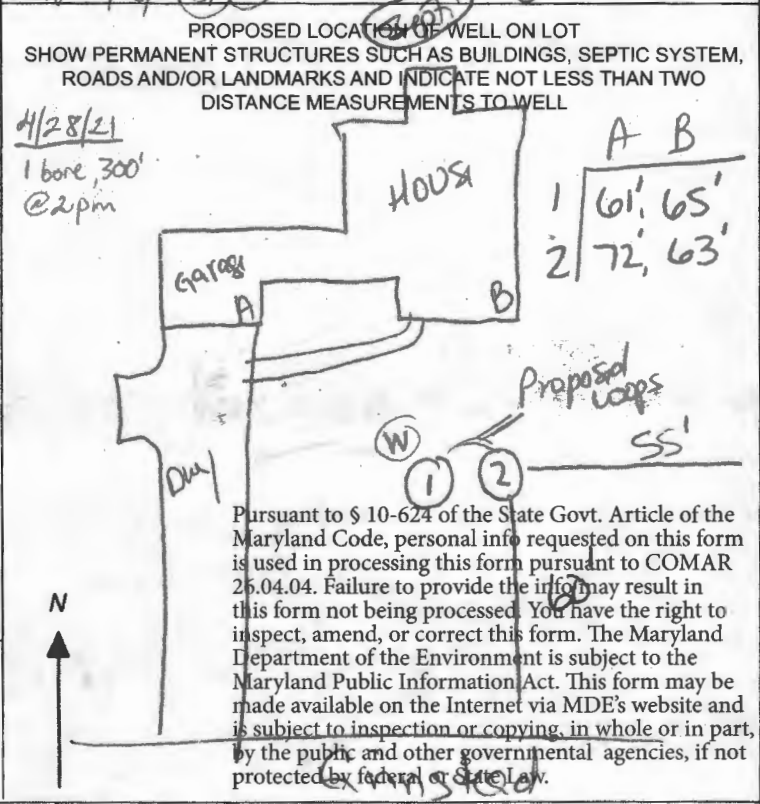
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

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

APPROP. PERMIT NUMBER _____ **G** _____

PERMIT No. **Ho-20-0088**

70 71 72 73 74 75 76 77 78 79



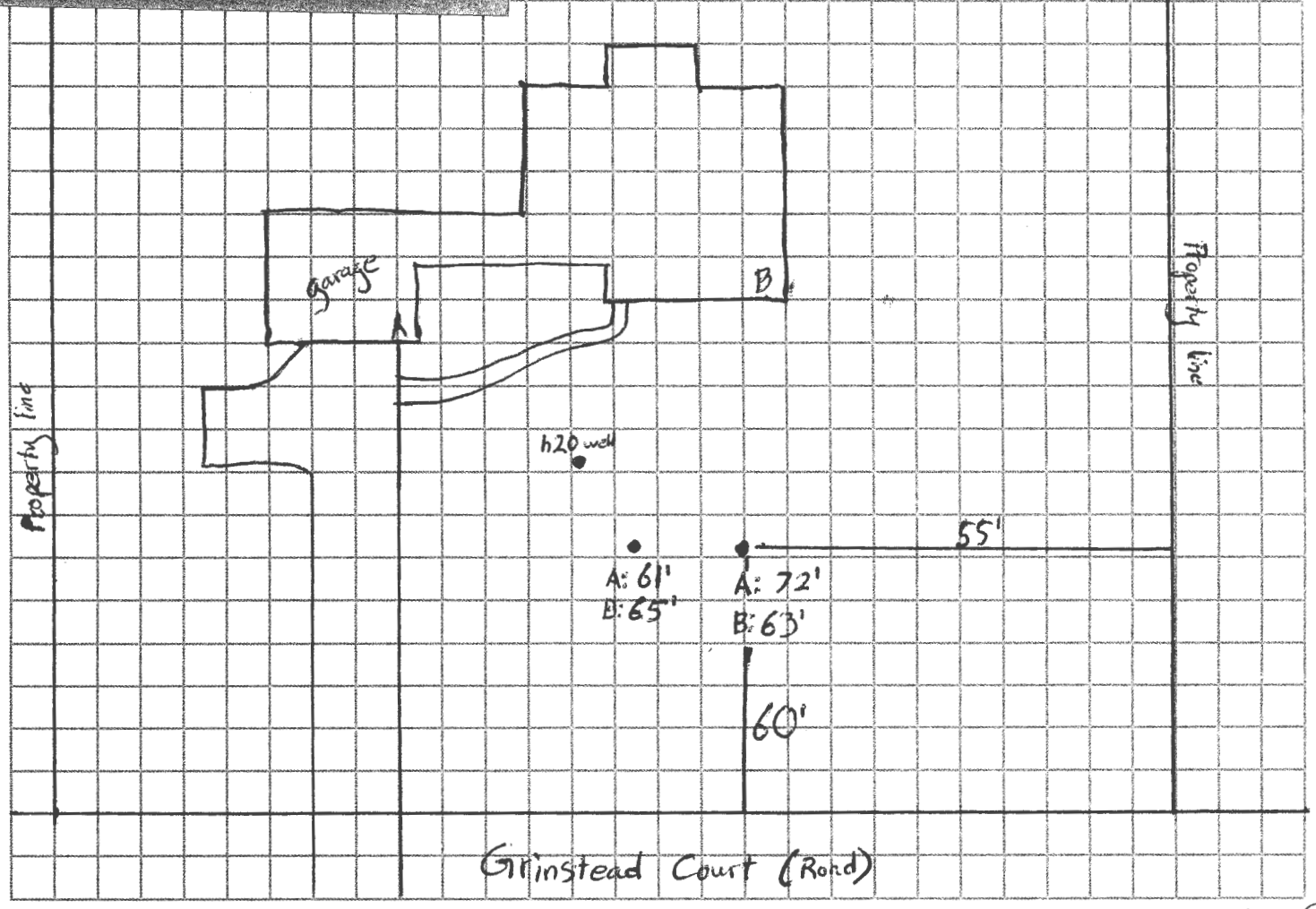
13378 Grinstead Court

DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER
HO-20-0088
INFORMATION - GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND 21230



SITE PLAN

Septic
8



Sediment Control Protocol: silt fence

APPROVED 04/27/2021
04/27/2021
STAMPED BY ALLIED
HO 20 0088

Distance From House: 61'
 From Septic: N/A 100+
 From Sewer: N/A
 From Property Line: 55'
 From Street: 60'

Trees Nearby: yes
 Utility Issues: no
 Mats Needed: yes especially off driveway
 Access For H/U: yes
 Neighboring Tags: _____

Comments: bring a chainsaw, need to cut a few trees.

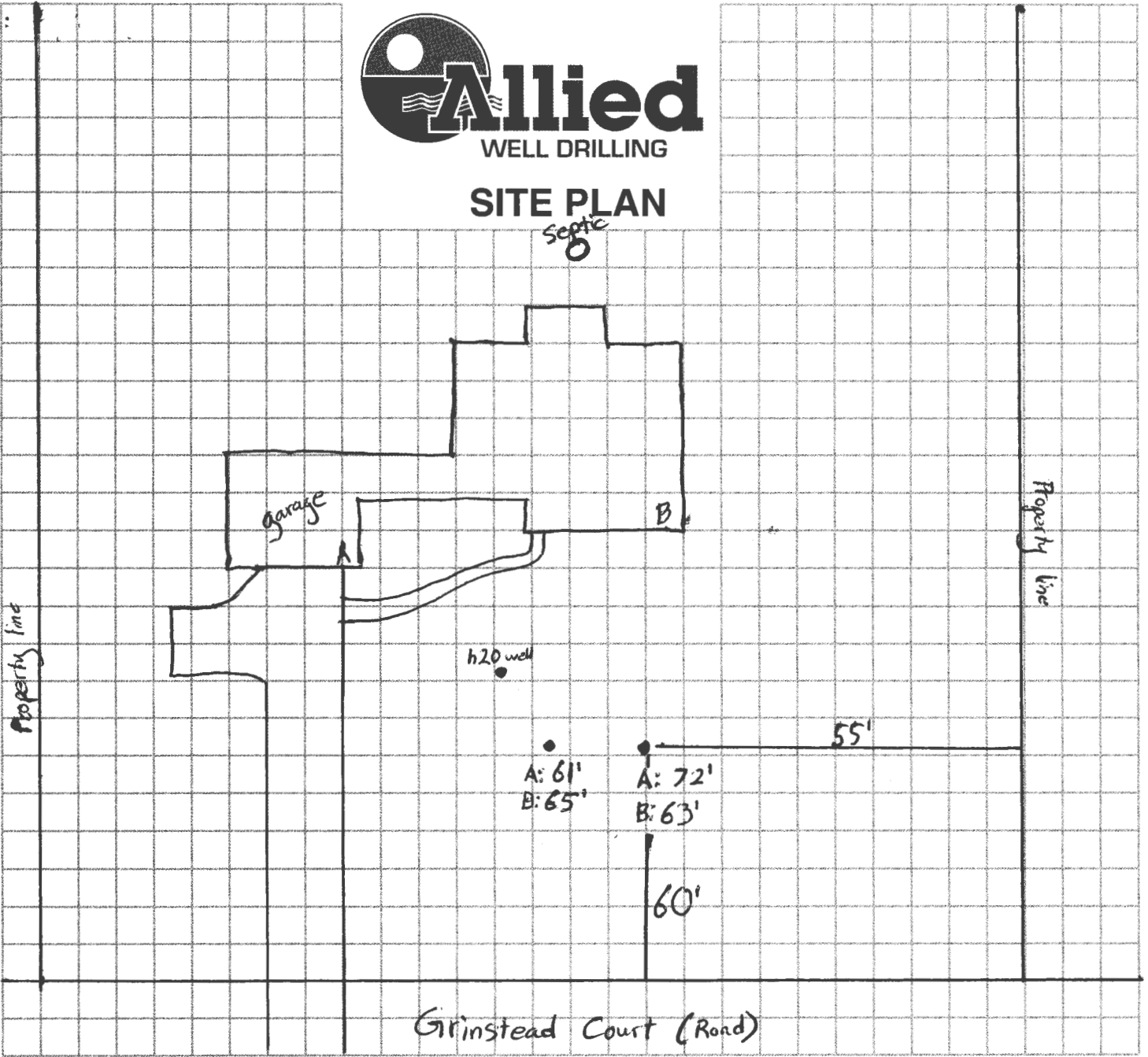
Person Completing Form: Josh Davis

13378 Grinstead Court



SITE PLAN

Septic



Sediment Control Protocol: silt fence

APPROVED 04/27/2021
04/27/2021
STAKED BY ALLIED
HO 20-0088

Distance From House: 61'
 From Septic: ~~N/A~~ 100+
 From Sewer: N/A
 From Property Line: 55'
 From Street: 60'

Trees Nearby: yes
 Utility Issues: no
 Mats Needed: yes especially off driveway
 Access For H/U: yes
 Neighboring Tags: _____

Comments: bring a chainsaw, need to cut a few trees.

Person Completing Form: Josh Davis

HOWARD COUNTY GROUTING PROCEDURE

Boreholes will be grouted from the bottom to the top via a tremie pipe and positive displacement pump. Bentonite grout, known as Quik-Grout will be used according to the manufacturer's specifications to achieve a consistency of at least 20% solids (24 gallons potable water/50 lb. sack of grout) and a permeability no more than $2.5 \text{ E}(-08) \text{ cm/sec}$. Grouting will be completed immediately after installing the geothermal loop and no later than twenty-four (24) hours after installing the geothermal loop. Open boreholes/annular space will be protected as necessary to prevent the entry of surface water or pollutants.

