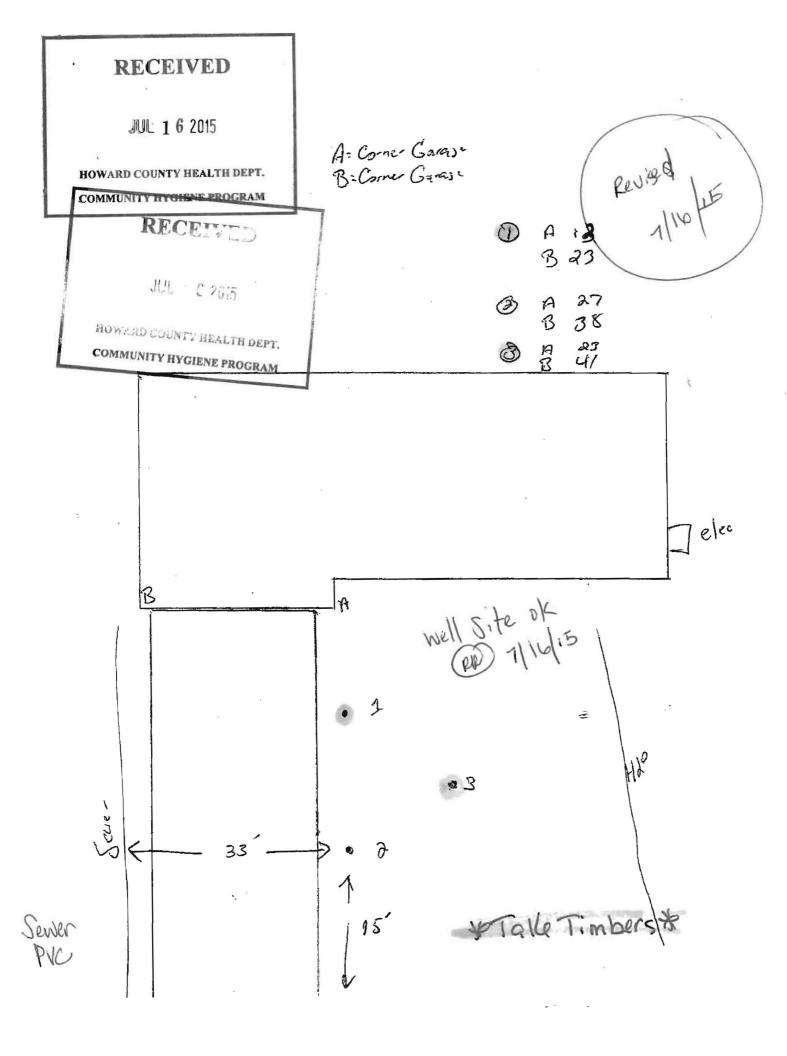
2

NG AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED-YIE IS MUST be grouted

C1 0035		QUENCE E USE (		STATE OF MARYLAND	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 (THIS NUMBER IS TO BE PU IN COLS. 3-6 ON ALL CARD				WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY NUMBER
ST/CO USE ONLY DATE Received			COMPL	ED Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"
MM DD YY MM - 55-1				22 4 0 26	HO 15 0103
8 13	15	1	.0.4	(TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37
OWNER WELL SITE ADDRESS	last name	100	533	Chester Way first name TOWN	Moodstock Min
SUBDIVISION				SECTION	LOT
WELL	LOG			GROUTING RECORD YES NO	[C 3]
Not required for				/ELL HAS BEEN GROUTED Circle Appropriate Box)  Y  44	1 2 PUMPING TEST
STATE THE KIND OF FORMAT COLOR, DEPTH, THICKNESS	IONS PENE	TRATED, TER BEA	THEIR	YPE OF GROUTING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)
DESCRIPTION (Use additional sheets if needed)	FEE	ET	check if water	EMENT CM BENTONITE CLAY BC	8/9
additional sheets if needed)	FROM	TO	bearing	O. OF BAGS 46 NO. OF POUNDS 45 46	PUMPING RATE (gal. per min.)
1000001	0	7		ALLONS OF WATER	METHOD USED TO
R. C. LAI	2	47		EPTH OF GROUT SEAL (to nearest foot)	MEASURE PUMPING RATE
Din some elig	3	TI	1	rom	WATER LEVEL (distance from land surface)
11 10 0101	UT	100)		(enter 0 if from surface)  CASING RECORD	BEFORE PUMPING ft.
HULD OW 2011 - 1500K	1/		V	/ types	17 20
NOID 6 100,			- (200	insert appropriate STEEL CONCRETE	WHEN PUMPING 22 25 ft.
Sales Selection		7.7		code below PL OT	TYPE OF PUMP USED (for test)
Hurd Bin Rode	100	129		PLASTIC OTHER	A air P piston T turbine
			1	MAIN Nominal diameter Total depth CASING top (main) casing of main casing	27 27 27 other
Gar Rade	129	490		TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary (describe
and were	101	1 10		60 61 63 64 66 70	
Navit .				OTHER CASING (if used)	J jet S submersible
1 6 6 7				diameter depth (feet)	, , , , , ,
					PUMP INSTALLED  DRILLER INSTALLED PLIMP  VES. NO.
	1	***	ENET S	1	DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES or NO)
D			-		IF DRILLER INSTALLS PUMP, THIS SECTION
				screen type SCREEN RECORD	MUST BE COMPLETED FOR ALL WELLS.  TYPE OF PUMP INSTALLED
	1 1	Ì		or open hole	PLACE (A,C,J,P,R,S,T,O) 29
A	400			INSERT STEEL BRASS OPEN	IN BOX 29. CAPACITY:
	4	ì	100	appropriate code below BRONZE PL OT	GALLONS PER MINUTE
0.10.11	Van Ou	- 1		below PLASTIC OTHER	
X Closed 1	OK	7.15		DEPTH (nearest ft.)	PUMP HORSE POWER  37  41
NUMBER OF UNSUCCESSE	UL WELLS	}:		2 V SET TH (Hourst It.)	PUMP COLUMN LENGTH (nearest ft.)
WELL HYDROFRACTURED		/es	no	1 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box
WELL HYDROFHACTURED		Y	N	8 9 11 15 17 21	+ above and enter casing height)
CIRCLE APPROP			1	23 24 26 30 32 36	49 LAND SURFACE
A WELL WAS ABANDONI WHEN THIS WELL WAS	COMPLETE	ED .	3 63	3	below (nearest) foot)
E ELECTRIC LOG OBTAINE  TEST WELL CONVERTED		OUCTION	115	38 39 41 45 47 51	49 50 51
WELL	/	1000		SLOT SIZE 1 2 3	LATITUDE 39. 31166
I HEREBY CERTIFY THAT THIS WEL ACCORDANCE WITH COMAR 26.04.0 IN CONFORMANCE WITH ALL CON	04 "WELL CO	NSTRUCT	ION" AND HE ABOVE	DIAMETER (NEAREST	LONGITUDE 7 6. 8760
CAPTIONED PERMIT, AND THAT THEREIN IS ACCURATE AND COM	THE INFORMA	ATION PR	RESENTED	56 60	(DEFAULT COORD. WGS 84)
KNOWLEDGE.			,	from to	NOTES:
DRILLERS LIC. NO. 1	n mp.	22.	_ 1	RAVEL PACK	39.31169
DRILLEDS CICNATURE				AS FLOWING WELL ISERT F IN BOX 68 68	. 33
DRILLERS SIGNATURE (MUST MATCH SIGNATURE O	N APPLICAT	TION)	Sec.	IDE USE ONLY	.0 13 39,1100
LIC NO.1	2 D.	14	U.	NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q	
6			The same		16.8742
SITE SUPERVISOR (sign. of				70 72 74 75 76	
responsible for sitework if diff				ELESCOPE LOG ASING INDICATOR OTHER DATA	
MDE/WMA/PER.071				COUNTY	

## FILE INQUIRY NOTES

DATE			RE	SULTS OF REVIE	W FOR FILE		
7/17/15				Silt fence up		at site vis	ir. Pulling
	but vod	s to clear	n out	clogged bit.	<u></u>		
	1	·				Harrie Land	
					179 3		
	0 50 3				7		
		St. B. St.					
		Hilbir					
		5/0 25					
					44 76		
		3.844					
	7114						
						Harak	72816
		7773					
				44   A B.L.		MI KAN	



### **Allied Well Drilling**

P.O. Box 129 Annapolis Junction, MD 20701 Office #: 301-776-8370 Fax #: 301-776-8374

Date: 07/13/2015

### County Health Department.

Subject: Variance Letter

DAVID (KLES	am aware	, that the Well to be drilled on my property at
10533 Chester Way	Woodstock	Does not meet County set back requirements,
due to the limited space available.	I hereby aut	horize Allied Environmental Services, Inc., permission to
One brokde is 13 from buil	re required, to dain't be sign	o obtain a proper Well Permit.  Action ned:
	Special Cor	nditions or Comments:
Boncholes are 3.	3 off	of sever hie

# RECEIVED

JUL 1 6 2015

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

#### Rappaport, Ryan

From:

William Guizzardi [wguizzardi@alliedwells.com]

Sent:

Tuesday, July 14, 2015 8:08 AM

To: Subject:

Rappaport, Ryan Chester Way

Ryan,

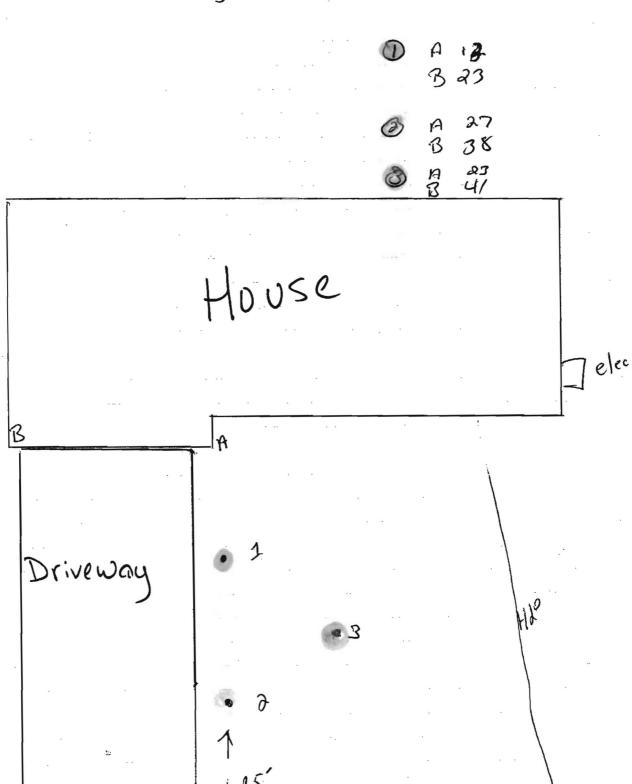
Per our previous phone conversation regarding the geothermal permit for 10533 Chester Way in Woodstock the sewer clean out is constructed of PVC.

A variance letter signed by the homeowner stating they are aware the minimum setbacks are not met.

Please advise if additional information is needed as we are trying to keep the crews working. Please notify our office

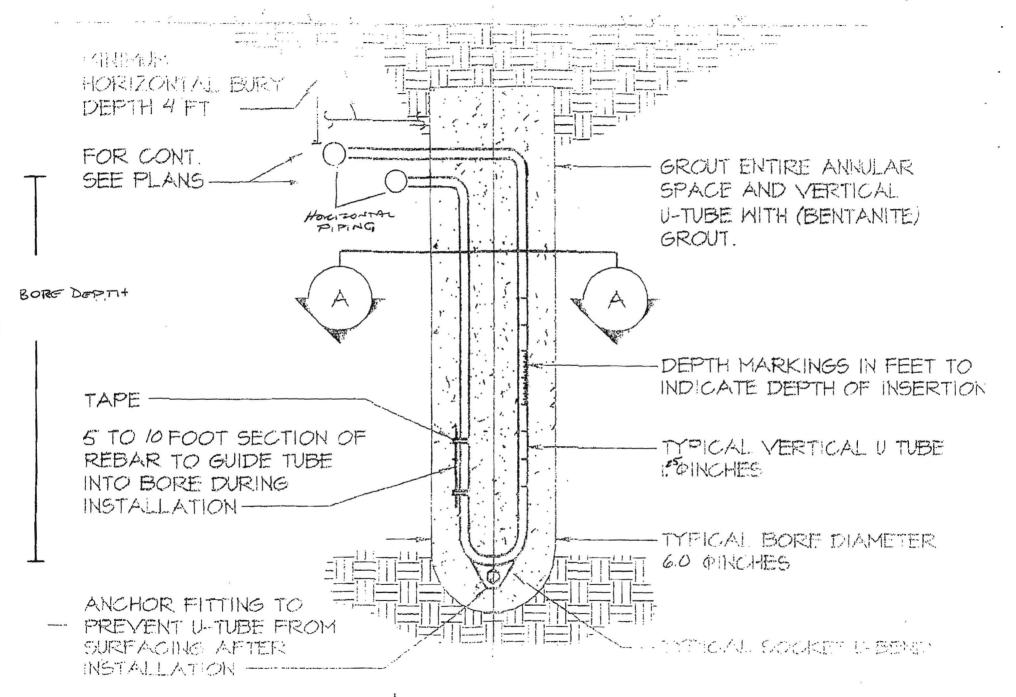
Sincerely

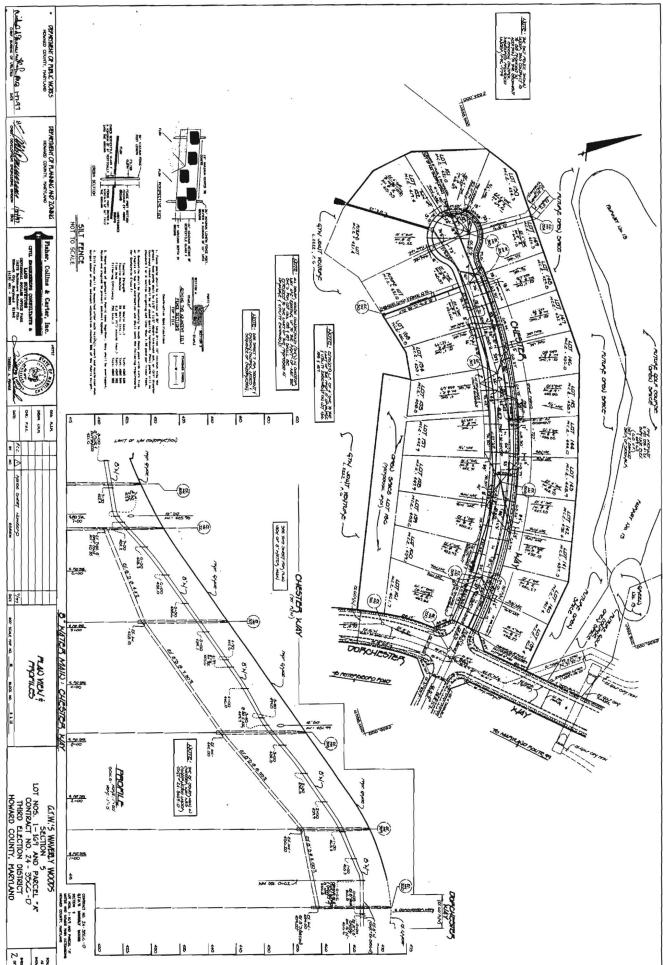
Bill Guizzardi Project Manager Allied Well Drilling 301-776-8370 (p) 301-776-8374 (f) A: Corner Garage B: Corner Garage



#### **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 E(-08) 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.

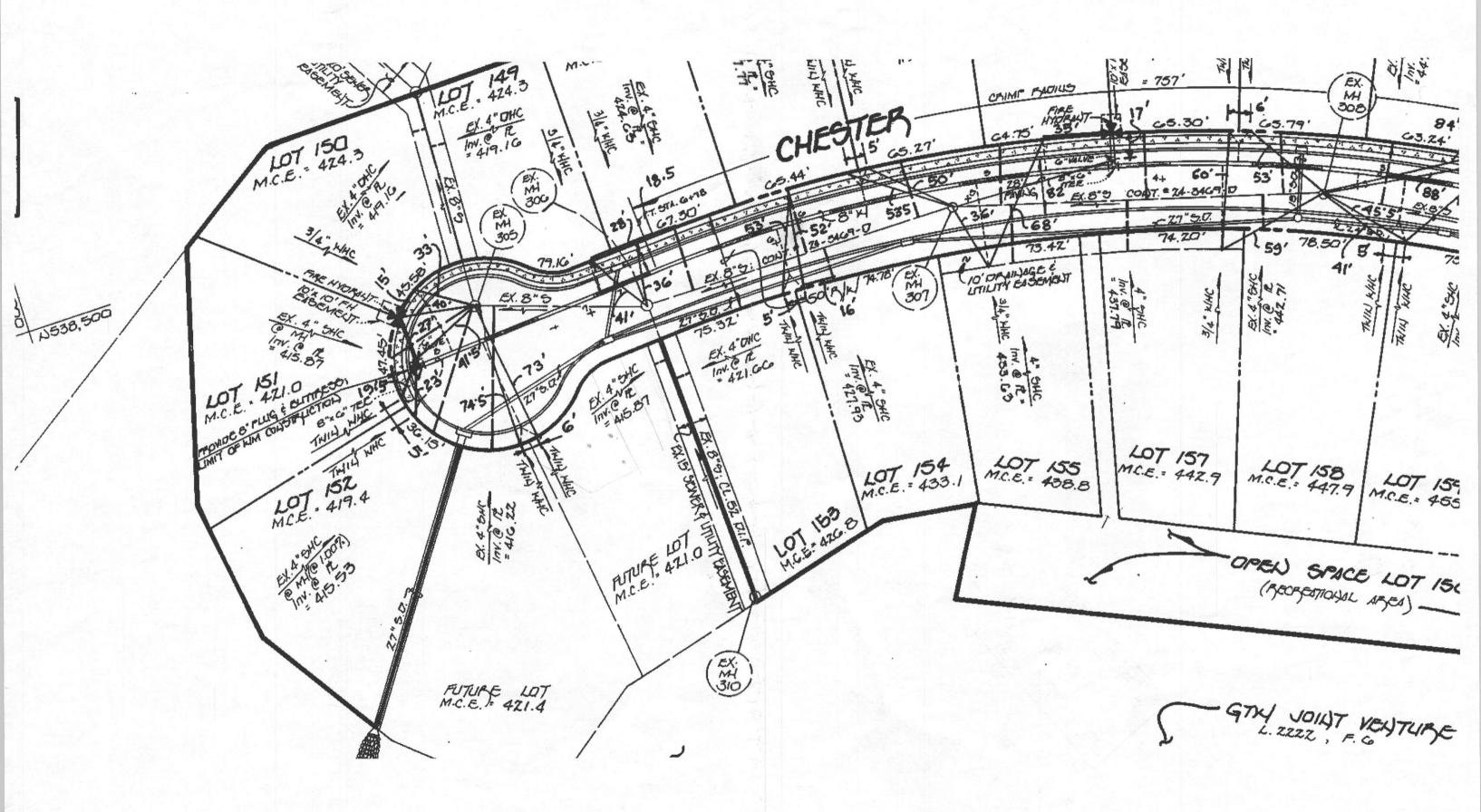


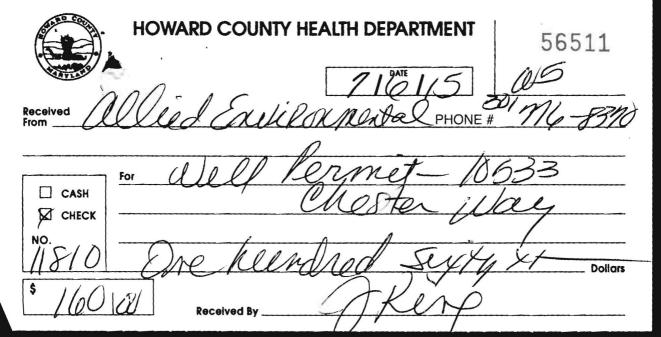


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### HOWARD COLLY HEALTH DEPARTMENT

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W Received By ARM	D
	For Well Permet-10633 Choster Way