PERMI

SEWAGE DISPOSAL SYSTEM

50/63-1	

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A	50463-A	

HOWARD COUNTY HEALT BUREAU OF ENVIRONMEN		#360486
HOMBED COOK! I HEAL!	H DEPARTMENT	
BUREAU OF ENVIRONMEN	ITAL HEALTH .	
XXXXXXXX	410-313-2640	INDEXED
		INDLA

DATE SYSTEM APPROVED

DISTRICT

INSPECTOR

Walter King Plumbing & Heating	IS PERMITTED TO INSTALL X ALTER
ADDRESS 6305 King's Court, Frederick, Maryland 21703	PHONE 301-831-4070
SUBDIVISION Riggs Meadow LOT 30	ROAD 1909 Sycamore Spring Court
PROPERTY OWNER Ryan Homes Ly	
ADDRESS RUILDING PERMIT S	IGNED
SEPTIC TANK CAPACITY 1250 GALLONS 78/03-800 143356	ID -IG POUL
NUMBER OF BEDROOMS 4	
180 SQUARE FEET PER BEDROOM	
LINEAR FEET OF TRENCH REQUIRED 240	
TRENCHES - Trench to be 3 feet wide. Inlet 3.0 feet 5.0 feet below original grade. Effective grade. 2.0 feet of stone below distributi	area begins at 3.0 feet below original on pipe.
LOCATION - Place distribution box 160 feet from front left (375.99') lot line as viewed from Syc	(152.05') lot line and 30 feet off the amore Spring Court. Install trenches on
contour toward right lot line. NOTES - No trench to exceed 100 feet in length. P grade or above on septic tank. 9/20/99 Loo	rovide 6" - 8" diameter cleanout and cap to
PLANS APROVED BY Ronald J. Pinkley	DATE 8-30-1999
COVER NO WORK UNTIL INSPECTED AND APPROVED	

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90' SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90' ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION REFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

B00119837 8/24/99 SFD

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

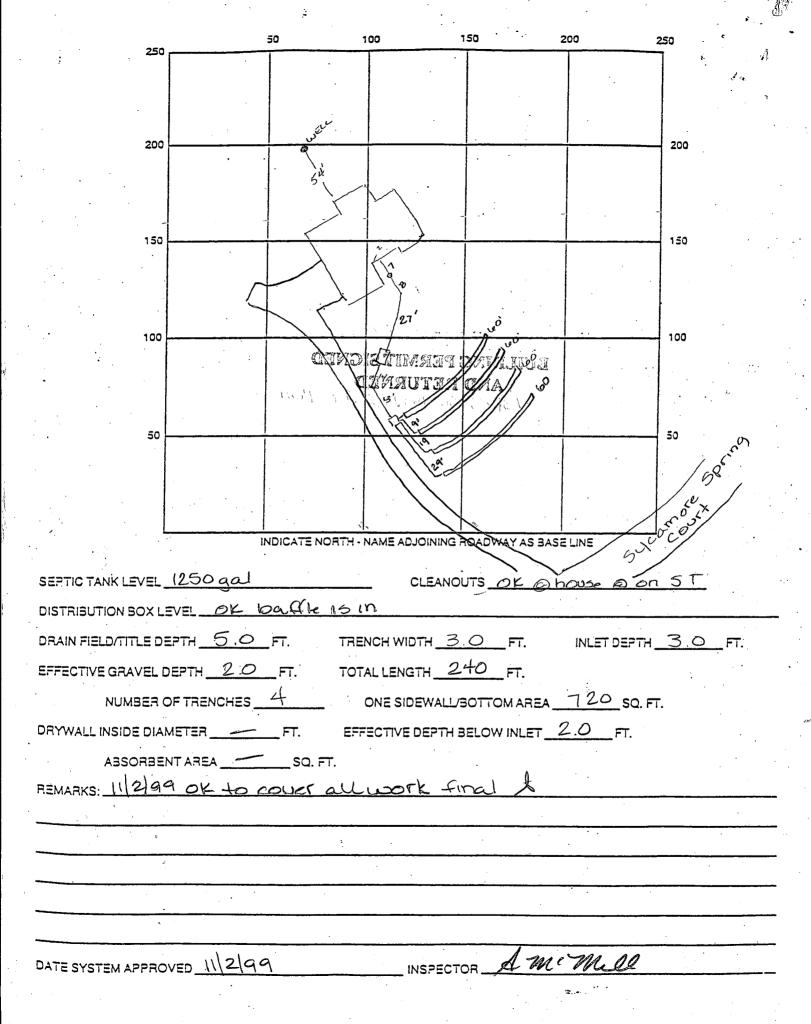
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

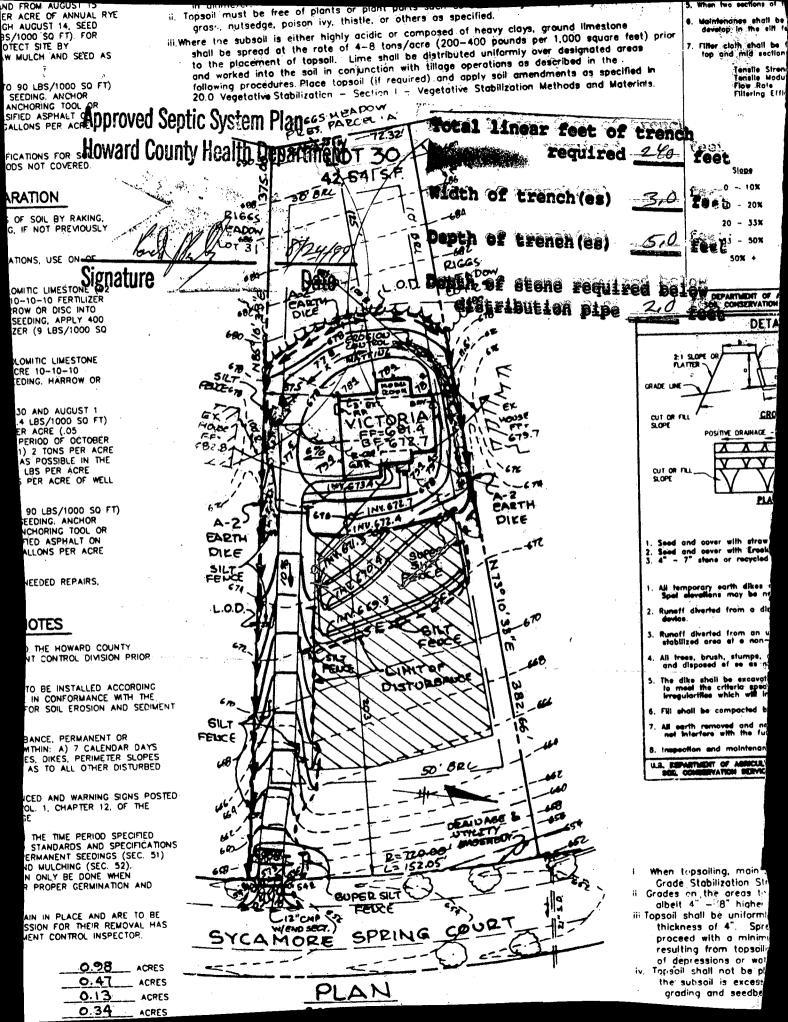
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE & INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT "CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.



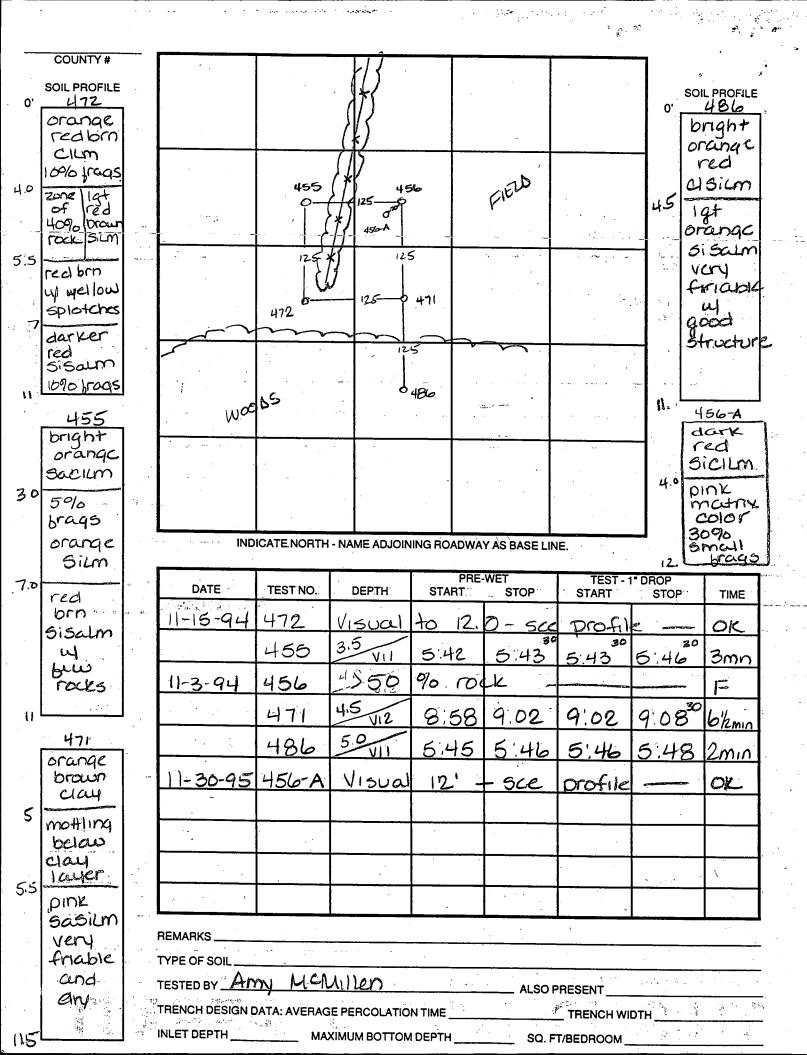


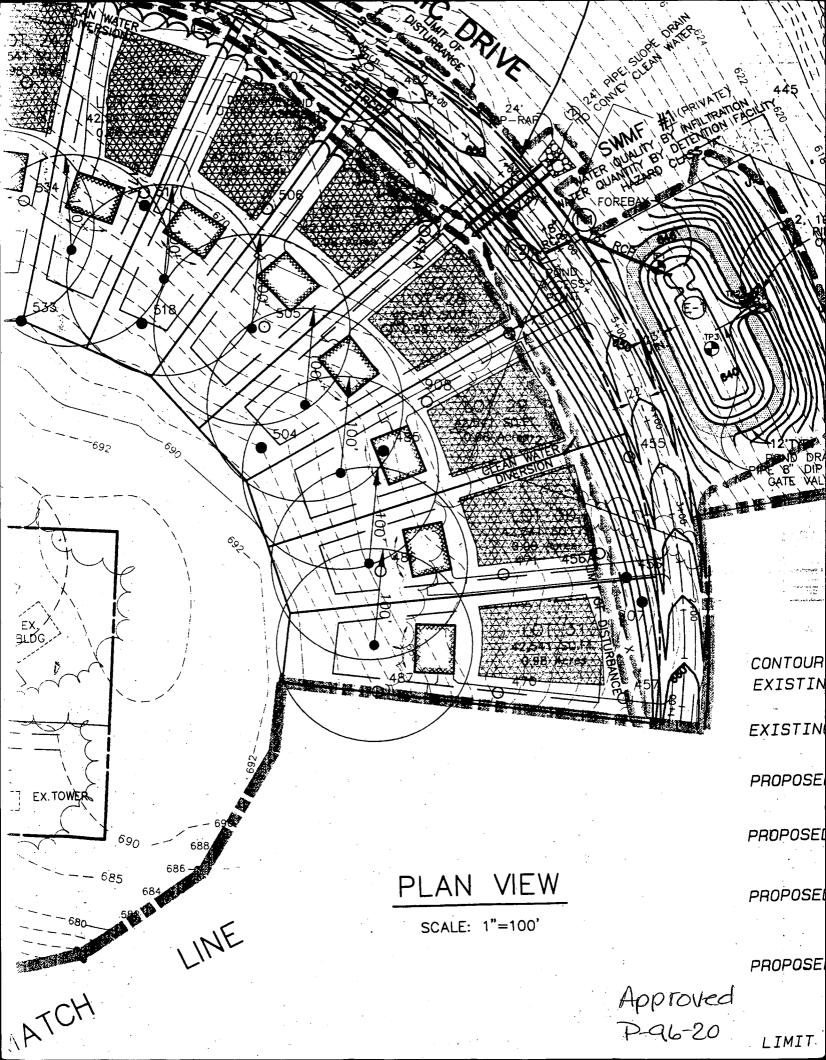
APPLICATION

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	PERCOLATION TESTING	mineral complete services on the feet of a confidence of the confi	
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			CH .
HOWARD COUNTY HEALTH DEPARTMENT		DISTRICT	7-
BUREAU OF ENVIRONMENTAL HEALTH		DATE	10/14/94
3525-H ELLICOTT MILLS DRIVE/ELLICOTT C	ITY, MARYLAND 21043	DATE	19/21/11
TELEPHONE:313-2640			
		9 9	
THE COUNTY HEALTH OFFICER	Andrew Comment of the		
ELLICOTT OTTY, MARYLAND		•	
I HEREBY APPLY FOR THE NECESSARY TE	EST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUC	T (OR RECONSTRUCT) A SEW	AGE DISPOSAL SYSTEM.
1 1 0	1. 0. 0. 1	Dunal Home	ς `
OPERTY OWNER _ Smaller K	1995 C/O DC Group The	1 1110	and the second of the second o
8480 Balt. Nat.	Plucet City md PHONE	465-6105	
ADDRESS P.C. Box 417	Ellicott City Md PHONE _ 21043	and great the control of the control of	Some Seq. (
	210 13		
ENT OR PROSPECTIVE BUYER			
ADDRESS	PHONE .	30	
ADDRESS		\$	
OPERTY LOCATION:			المستعمر المناه
		29	Harrist State Control of the S
IBDIVISION KIGGS Property	LOT NO.	ng Court	01
Located	a Sid Corner of the in	tersection of	Koxbury
DAD AND DESCRIPTION	0 (2)		
nill Road (Rte 97)	& Frederick Road (Rte	44) OG. PERMIR	SKITTD
		NO RETURNE	0 8-24-99
AXMAP 85 14 PARCEL#	<u>96</u>	fleriel FBI	7 119837
	The second secon	5FD- 4B0	m
ZE OF LOT	TYPE BLDG	(SINGLE FAMILY DWELLIN	OR COMMERCIAL)
THE STATE OF THE S			
		and the second of the second o	
HE SYSTEM INSTALLED UNDER THIS AP	PLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FAC	ILITIES BECOME AVAILABLE.	I FULLY UNDERSTAND TH
HE SYSTEM INSTALLED UNDER THIS AP	FEIOATION IS ASSESSED.		
	FEIOATION IS ASSESSED.		
EE CONNECTED WITH THE FILING OF	THIS PERC TEST APPLICATION IS NON-REFUNDAB		
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EE CONNECTED WITH THE FILING OF	THIS PERC TEST APPLICATION IS NON-REFUNDAB	MOLE THE OF APPLICATION OF APPLICATI	NCES. I ALSO AGREE 1
EE CONNECTED WITH THE FILING OF COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS	THIS PERC TEST APPLICATION IS NON-REFUNDAB	M. C. SIGNATURE OF APPLICAL	NT)
EE CONNECTED WITH THE FILING OF COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS	THIS PERC TEST APPLICATION IS NON-REFUNDAB ENTS IN TESTING THIS LOT. FOR FOR	M. CIRCUMSTA	NICES. I ALSO AGREE
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EEE CONNECTED WITH THE FILING OF COMPLY WITH ALL M.O.S.H.A. REQUIREME APPROVED BY DISAPPROVED BY HOLD PENDING FURTHER TESTS	THIS PERC TEST APPLICATION IS NON-REFUNDAB ENTS IN TESTING THIS LOT. FOR FOR	M. C. SIGNATURE OF APPLICAL	NICES. I ALSO AGREE T
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EE CONNECTED WITH THE FILING OF COMPLY WITH ALL M.O.S.H.A. REQUIREMENT APPROVED BY	THIS PERC TEST APPLICATION IS NON-REFUNDAB ENTS IN TESTING THIS LOT. FOR FOR	CSIGNATURE OF APPLICAL DATE DATE	NOCES. I ALSO AGREE T

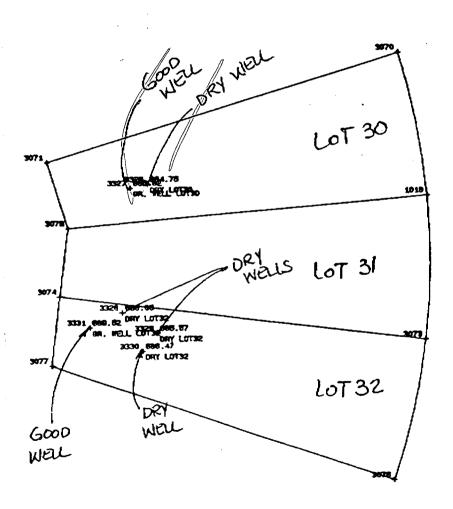
THIS IS NOT A PERMIT

LID 046 (2/00)





SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 (THIS NUMBER IS TO BE PUNCHED	FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	COUNTY NUMBER
IN COLS. 3-6 ON ALL CARDS) ST/CO-USE ONLY DATE WELL COMPL DATE Received	ETED Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"
MM UU_ :	22 3 8 5 26 (TO NEAREST FOOT)	<u>Ho - 94 - 1/13</u> 28 29 30 31 32 33 34 35 36 37
OWNER SDC		
STREET OR RFD last name		COOKSVILLE
SUBDIVISION KIGGS PROPER WELL LOG	SECTION GROUTING RECORD No	LOT <u>30</u>
Not required for driven wells	WELL HAS BEEN GROUTED (Circle Appropriate Box)	C 3
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one)	PUMPING TEST HOURS PUMPED (nearest hour)
DESCRIPTION (Use FEET check if water	CEMENT CM BENTONITE CLAY BC	8 9 2 4
bearing	NO. OF BAGS 46 NO. OF POUNDS 45 46 NO. OF BAGS 46 NO. OF POUNDS 45 NO. OF P	PUMPING RATE (gal. per min.)
Brown Shale	DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO BUCKET
0 3	from 6 tt. to 9 tt. to 19 tt. to 19 tt. to 19 tt. tt. 10 t	WATER LEVEL (distance from land surface)
	casing CASING RECORD	BEFORE PUMPING $\frac{64}{17}$ ft.
Brown Shale 0 15' Gray Mica 15 385'	types ST CO	WHEN PUMPING 343 ft.
Rock	appropriate code pelow PL OT	TYPE OF PUMP USED (for test)
	PLASTIC OTHER	A air P piston T turbine
	MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O (describe
	<u>st</u> <u>6</u> <u>21</u>	27 (document)
	60 61 63 64 66 70 E OTHER CASING (if used)	J jet S submersible
	E OTHER CASING (if used) A diameter depth (feet) C inch from to	
	C	DRILLER WILL INSTALL PUMP YES (NO)
	N	(CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION
1 drywell 480	screen type SCREEN RECORD	MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED
Filled in with coment + drilling materials	or open hole ST BR HO	PLACE (A,C,J,P,R,S,T,O) IN BOX 29.
Pelled in aterials	appropriate BRONZE HOLE	CAPACITY: GALLONS PER MINUTE
4 and 8	below PLASTIC OTHER	(to nearest gallon) 31 35
	C 2 DEPTH (nearest ft.)	PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH
NUMBER OF UNSUCCESSFUL WELLS:	1 HO 20 385	(nearest ft.) 43 47
WELL HYDROFRACTURED yes (no)	E	(circle appropriate box and enter casing height)
CIRCLE APPROPRIATE LETTER	C 2 H 23 24 26 30 32 36	LAND SURFACE
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	S C 3 R 38 39 41 45 47 51	
P TEST WELL CONVERTED TO PRODUCTION WELL	E SLOT SIZE 1 2 3	A LOCATION OF WELL ON LOT
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND	DIAMETER (NEAREST	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR
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	OF SCREEN INCH)	THAN TWO DISTANCES
KNOWLEDGE.	from to	(MEASUREMENTS TO WELL)
DRILLERS'LIC. NO. 1 MS DO24 1	GRAVEL PACK IF WELL DRILLEO WAS FLOWING WELL	See attached well locations.
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	INSERT F IN BOX 68 68 MDE USE ONLY	well locations.
LIC. NO. 1 M _ D 1	(NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q	
	. 70 72	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	TELESCOPE LOG	
The state of the s	CASING INDICATOR OTHER DATA	



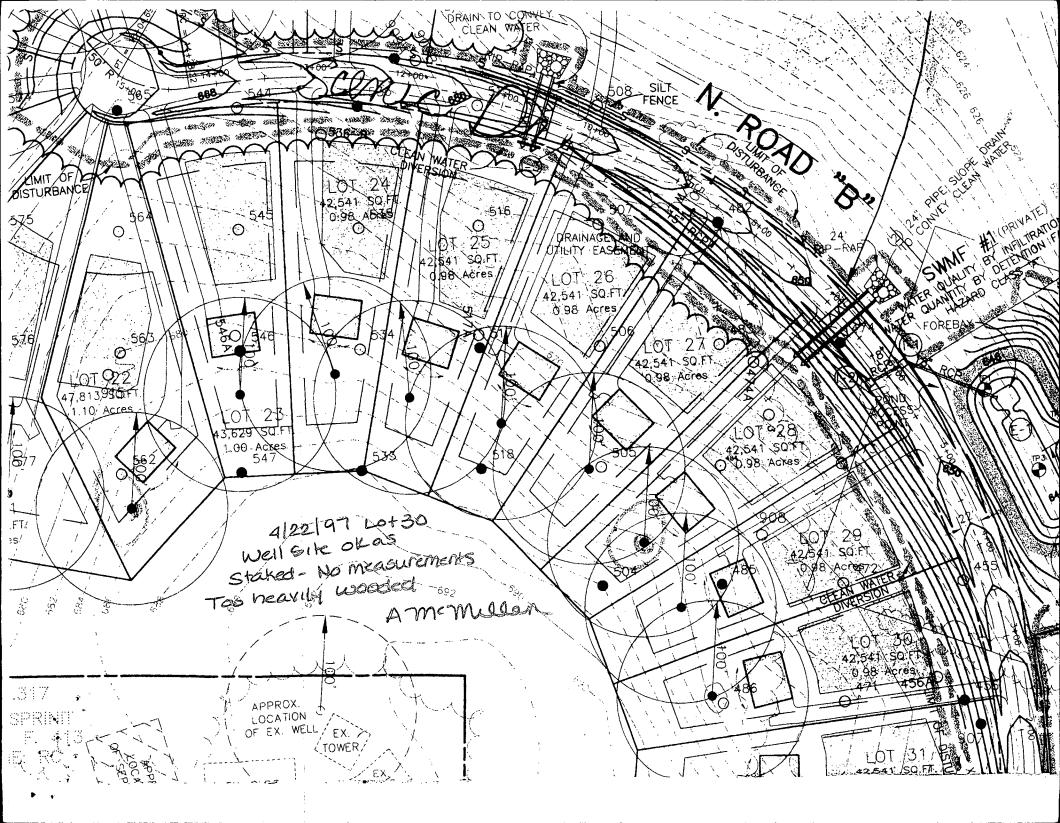
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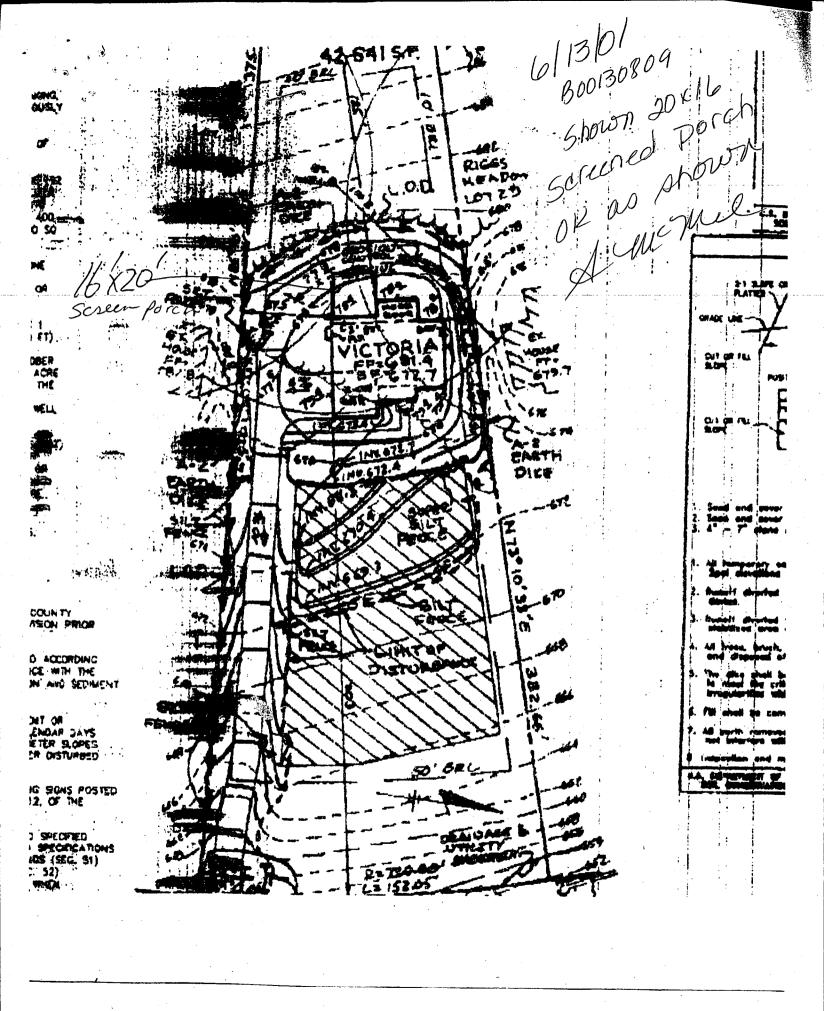
Rices - 12,00°

EMERGENCY/TEMP NO. IF ANY

. •.		EMERGENCY/TEMP NO. IF ANY		
-8	7466 SEQUENCE NO. (MDE USE ONLY)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MARYLAND	STATE PERMIT NUMBER
	(THIS NUMBER IS TO BE PUNCHED		DRILL WELL int or type	HO- G H-
-	IN COLS, 3-6 ON ALL CARDS) Date Received (APA)		B 3	LOCATION OF WELL
	O33197 OWNER INFOR	RMATION		LOCATION OF WELL
	Sacri IIII		BCOUNTY	
	15 Läst Name Owner	First Name 34	KIIGGS IP	KIOPERTY 1
	36 Street or RFD	55	SECTION 44 46	LOT 48 50
	ELA A / C O TH C / TOWN	70 State 72 Zip 76	COOKSVI 52 NEAREST TOWN	448 11111111111111111111111111111111111
	DRILLER INFORMATION	CIRCLE: MSD/MGD/MWD	MILES FROM TOWN (enter	r 0 if in town) 73 76 77 78
	Driller's Name W. Mayne W.	111 Dulline	B 4	Scenic Dr.
	Firm/Name / Ridgo Rd. 7	WH Ain 3/77/	DIRECTION OF WELL FROM TOWN (CIRCLE BOX)	11 NEAR WHAT ROAD 30
	Address bush & M	aime 3/31/99	N N N N E	ON WHICH SIDE OF ROAD CIRCLE APPROPRIATE BOX WEE
В	Signature // WELL INFORMATI	Date ON	8-9	(CIRCLE APPROPRIATE BOX) WESTS EAST SOUTH
F	APPROX. PUMPING RATE (GAL. PER MIN.)		W TOWN E 8	DISTANCE FROM ROAD
	AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)	8 12	SW SE 8-9	ENTER FT OR MI 1 38 39
L	14		8-9 (S) 8-9	TAX MAP: BLK: PARCEL
	USE FOR WATER (CIRCLE AP			NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
	F FARMING (LIVESTOCK WATERING & IRRIGATION)		HOWARD COUNTY NAME	COUNTY NO.
	INDUSTRIAL, COMMERCIAL, STATE		STATE SIGNATURE	INSERT S
	PUBLIC OR PRIVATE WATER COMPA		DATE ISSUED	Sou M. M. Men 04/2/98
	APPROVAL)	MAY DECLUBE	MODIFIE TO THE	D SIGNATURE EXP. DATE
	T TEST, OBSERVATION, MONITORING APPROPRIATION PERMIT)	(MAT REQUIRE	GRID 50	O GRID 792000 55 63
	APPROXIMATE DEPTH OF WELL 24	FEET 28	SHOW MAJOR FEATURE BOX & LOCATE WELL _ WITH AN X	7-15-97
	APPROXIMATE DIAMETER OF WELL	NEAREST INCH	SOURCES OF DRILLING 1. WELL 2.	Growt 11:00
	METHOD OF DRILLING		3.	
	BORED (or Augered) 30 AIR-ROTary AIR-PERcussion	Jetted & <u>DRIVEN</u> ROTARY (Hydraulic Rotary)	WRITE THE BOX NUMBI	ER STATE OF THE ST
	CABLE REVerse-ROTary	DRive-POINT	THOU THE WAT THERE	
	other		E 7902	
	REPLACEMENT OR DEEPL	ENED WELLS	N 5304	000 000
	(CIRCLE APPROPRIATE			W SHOWING LOCATION OF WELL IN TOWNS AND ROADS AND GIVE
	THIS WELL WILL NOT REPLACE AN E THIS WELL WILL REPLACE A WELL T ABANDONED AND SEALED	HAT WILL BE		TO NEAREST ROAD JUNCTION COOKSUILLE
	39 S THIS WELL WILL REPLACE A WELL T A STANDBY-CONTACT LOCAL APPRO POLICY ON STANDBY WELLS	HAT WILL BE USED AS DVING AUTHORITY FOR	S S	Scewic 1
	THIS WELL WILL DEEPEN AN EXISTIN			V _R
	PERMIT NUMBER OF WELL TO BE REPLAC	SED ON DEEPENED 52		went
	Not to be filled in by driller (MDE OR	COUNTY USE ONLY)		Sychmore
	APPROP. PERMIT NUMBER 54	G A P 63		XI SPRINCTS
	FORCE WRITE PERMIT No. HC	- 94 - 11113 72 73 74 75 76 77 78 79		MeAdua taese
	SPECIAL CONDITIONS NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEED	NED =	0	

COUNTY





BOD 143356 OT 30 proposed 140'X2 poot on SHOPE yearner Stink RIGHS IM RADOW LOT 30 DO NOT

OT DUSCARD

July 7, 2003

Tom and Heather Lyons 1909 Sycamore Spring Court Cooksville, MD 21723 (410) 489-9044

Steve,

I spoke with you last week about getting approval for the distance of our well to be reduced from the standard 30ft to a proposed minimum of 10ft. I have enclosed several drawings from our pool contractor. The well will be located behind a retaining wall and no chemicals or sprays will be used at or near the well site.

Thank You,

Tom Lyons

7/7/03 = Proposed setbach is adequate,
30' well to pool setbach is not in
COMAR. - (FRK)