HOWARD COUNTY HEALTH DEPARTMENT **BUREAU OF ENVIRONMENTAL HEALTH**

46% 199336

313-2640

05-371481 PERMI

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P	569	63	

26163

DISTRICT

DATE 6-3-91

DATE SYSTEM APPROVED

INDEXED	INSPECTOR POOR
Fogles's Septic Clean, Inc.	IS PERMITTED TO INSTALLXALTER
ADDRESS 558- R Obrecht Road, Sykesville, MD 21784	PHONE 795-5674
SUBDIVISION Linden Chapel Hills LOT 13B	
PROPERTY OWNER Steven Olenick & Kather	rine Bradshaw
ADDRESS	
SEPTIC TANK CAPACITY 1500 GALLONS	ADD PERMIT SKINFO
NUMBER OF BEDROOMS 5	Serial 4 BOO 115094
180 SQUARE FEET PER BEDROOM	dech
LINEAR FEET OF TRENCH REQUIRED 225	
TRENCHES - Trench to be 2 feet wide. Inlet 3.5 feet maximum depth 7.5 feet below original grade. 4 feet of 3.5 feet below original grade. 4 feet of LOCATION - As seen when facing the lot from Morning 140' from the left (305') lot line and land. 1 line. Run trenches on contour to rear of all parts of the septic system. NOTES - No trench to exceed 100 feet in length, and cap to grade or above on septic tank	g Star Drive, start the first trench (15' from the rear (277.75') lot (at least 100' from the well to
PLANS APROVED BY Glen Savage	DATE6/10/96
COVER NO WORK UNTIL INSPECTED AND APPROVED	
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE F	
NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS ACCEPTABLE. NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO B	
NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO B	E 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY

AND RETURNED 4/18/02

SCREENED ROOM

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

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

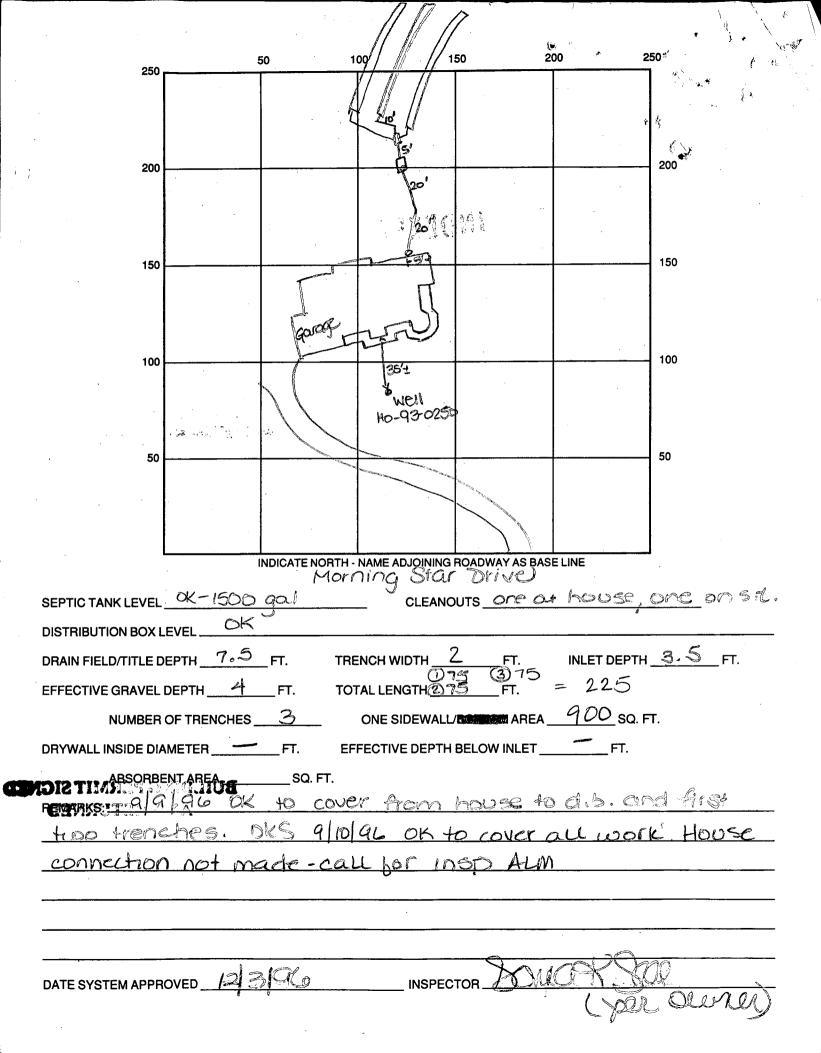
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

AUTHORIZED)

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 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



APPLICATION

A 26163

SEWAGE DISPOSAL TESTING
STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE
HOWARD COUNTY HEALTH DEPARTMENT 3B,R. HB, K DISTRICT 3th ENVIRONMENTAL HEALTH SERVICES 1000gal. September 1250gal. September 12
166 SQ. FT. effective sedewall alver plan area for bedroom to begin below the first 3/2 ft of non-porous sed. Maximum depth firmitted franchisched is below original grade. Place the growell 150 ft. from the front (277, 75 ft property line and 175 ft. from the right (252 ft. long) sede lene as seen in property line and 175 ft. from the 100 ft. wind Common right of way off
Jacing the trenchaster as footeath buffer with the Injull one Oaks hoad. Story the trenchaster as footeath buffer with the Injull one proceed to dig if on level fround the uccessary distance, NOTE: Call for proceed to dig if on level fround the uccessary distance, NOTE: Call for proceed to dig if on level fround the uccessary distance most alled
ELLICOTT CITY, MARYLAND
I. HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWARD SERVED SERVE
PROPERTY OWNER Allan Weintraub Steven olenick and IND REGURNED 4-26-
@ Richard Hallowell Katherine Bradshaw Seval # 64 116 ADDRESS Highland, Md. 20777 PHONE 286-2988
PROPERTY LOCATION: 10 Parcel 138
SUBDIVISION Linder Chapel Hill - Lot 138 LOT NO. 2/911 ac
At end of private road off west side of intersection
5031 morning star DN'JE of Ten Oaks Rd & Highland Rd - 5th Dist.
Size of Lot $\frac{2.911 \text{ ac.} - \text{rec.}}{661/235/}$ on $\frac{11/21/73}{11/21/73}$ Type BLDG. $\frac{\text{famiou res.}}{\text{famiou res.}}$
IF NOT SINGLE RESIDENCE DESCRIBE
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBL FACILITIES BECOME AVAILABLE.
SIGNATURE OF APPLICANT WICLES STORY
APPROVED BY Frank Skenner FOR Drywellstrench DATE 2/17/78
REJECTED BY DATEDATE
HOLD PENDING FURTHER TESTS DATE
REASONS FOR REJECTION OR HOLDING The Fort And for Segret how day plat perc. O.K. F.S

THIS IS NOT A PERMIT

-					.*	. "	& \
go day	7	Parcell	3B			e e	
siltaj mica loan							
14'	736.38		12	3	452)	7,300	g system
		.co ? .	0'	110' (2) < 35'-4		x=7	- 4)
A	385	7 37 ↓ 2.7	7, 75 /	5-4		X=7 18076 Inter Box 75	612 + 3±
• •	INDI	100 R	WE ADJOINING RO	ADWAY AS BASE	LINE.	-	

100 K/W								1
DATE	TEST NO.	DEPTH	PRE- START	STOP	START	" DROP STOP	TIME	l
7/27 m	high	6	10:32	pulled	eg 1,0:40=/4!	Longs	230n	·
	IA	13'	10:37			10,40	8 mis	
	2	3'	10:33	10:36	10:36	10:43	7 his	
	2A	14"	10:33	10:36	10:36	10:43	7 min	
	3 low	et !	10:34	10:35	10:35	10:40	5 ani	
	3 A	13/2	10:34		:	10:45	limes	37 m
	4	13'	Clayer	to a4	! silly	pace.	Dan	belo
	13	31/2"	10:41	10:45	10:45	10,55	10 mi	

TYPE OF SOIL Silty micailron before lyp 354 lange soil

TESTED BY F.S.

ALSO PRESENT: FYOCK \$CO.

THE STANDARD TO BE PUNCHED THE WELL CONNETTED DESCRIPTION OF TYPE DESCRIPTION OF TYPE DESCRIPTION OF TYPE DESCRIPTION OF TYPE SUBDIVISION DESCRIPTION OF TYPE WELL HAS BEEN DIRECTOR STREET OR RET) WELL HAS BEEN DIRECTOR WELL HAS BEEN DIRECTOR DESCRIPTION OF GROUND HELD	C1 1695	SEQUENCE NO. (DENV USE ÔNLY)	STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
DATE WELL CONNETED OWNER OLS NICE STREET OR RPD MANUAPPR LANGE IS FR. P. Instrume TOWN SUBDIVISION WELL HAS BEENDOM RECORD FERNANCE OF PROPERTY BY OR OF SUBDIVISION WELL HAS BEENDOM RECORD FERNANCE OF PROPERTY BY OR OF SUBDIVISION WELL HAS BEENDOM RECORD FERNANCE OF PROPERTY BY OR OF P	I (THIS NUMBER IS TO BE,P	UNCHED	FILL IN THIS FORM COMPLETELY	COUNTY A 2616-3
ONNER OF LOW STREET OR RFD SEALOW STREET OR RFD SEALOW SECTION MAY required for other wells Not required for other wells STREET ICE KNO OF FORMATIONS PER TAYLED. THE R COLON DEPTH PORT TOWN OF PUNDED THE REST OF	ST/CO USE ONLY DATE Received		22 3 60 26	FROM "PERMIT TO DRILL WELL" [H 0 - 9 3 - 0 25 0
SIRE TOR INFO MELLIOS Not required for drive wells SINTE THE KIND OF FORMATIONS PENETRATION THE FORMATIONS PENETRATION THE PROJECT FORMATION TO THE PROJECT FORMATION TO THE PROJECT FORMATION TO THE PROJECT FORMATION THE PROJECT FORMATION TO THE PROJECT FORMAT		OLENICK	. H. 510	VEN
WELL HAS DEFINISHED OF FORMATIONS STRET THE KIND OF FORMATIONS STRETCH SKIND OF FORMAT	STREET OR RED YEN	last names + HARIO	115 FARM first name TOWN_	
WELL HAS BEEK GROUP OF FORMATIONS STRET THE KIND OF FORMATIONS PROBLEM COLOR LEETING STRETTER KIND OF FORMATIONS PROBLEM COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LIVE OF MAKE A COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LIVE OF MAKE A COLOR LEETING SCRIPTION LIVE OF MORE TO MAKE A COLOR LIVE OF MAKE A COLOR LEETING SCRIPTION LIVE OF MAKE A COLOR LIV	1.1		PROP SECTION	́LOТ
THICKNESS AND IF WITER BEARING CEMEN FILE SCRIPTION Law BEAS AND IT WATER BEARING CEMEN FILE SCRIPTION LAW BEARING CEMEN FILE SCRIPTION STATES SON OF BOARDS AND SO BOUNDS AS A SON OF BOARDS AND SO BOUNDS AS A SON OF BOARDS AND SON OF BOARDS A	Not required for STATE THE KIND OF	driven wells FORMATIONS	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2
DESCHAPTION (USE AND SECRETAL PLANE IN THE CORP.) AND OF BAGS OF NOTES ALL (to newest sol) From DI DESCHAPTION (SEE AND SEE	THICKNESS AND IF	WATER BEARING		HOURS PUMPED (nearest hour)
SALLONS OF WATER DEPTHO PROVIDED SEAL (to nearest tool) The pertho of country seal (to nearest tool) The pertho		FROM TO bearing		
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED FOR ALL WELL SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALY SPECIFICALLY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIF			GALLONS OF WATER	
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED FOR ALL WELL SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALY SPECIFICALLY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIF	Sand		DEPTH OF GROUT SEAL (to nearest foot)	MEASURE PUMPING RATE LEJUCKET
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED FOR ALL WELL SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALY SPECIFICALLY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIF				WATER LEVEL (distance from land surface)
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED FOR ALL WELL SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALY SPECIFICALLY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIF	C min Roy	70 212	(enter 0 if from surface)	
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED FOR ALL WELL SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALLY WHEN THIS WELL WAS COMPLETED. IN HARD ROCK AREAS, DENTIFY SPECIFICALLY SPECIFICALY SPECIFICALLY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIFICALY SPECIF	Coray Miles new	1 500 1	(hunga)	[गुरा <i>म्</i>]
Deliver places and the proposition of the propositi	•		/ insert \ SI CO	22 25
MAIN Nominal diameter Total depth (rearist foot) AND SUPPRISON TOTAL PUMP INSTALLED CARNE to primary casing of main casing (rearist foot) So 84 Total depth (rearist foot) The CASING (if used) diameter diameter to promise the control of the c			The special state of the state	
MAIN Nominal diameter CASING (recarest including final casing finearest final casing fineares	·			A air P piston turbine
CASING top (main) casing of main casing of main casing depth (nearest foot) STEEL BRASS OPEN HOLE GRACE APPROPRIATE LETTER A WELL HYDROFRACTURED WELL WAS ABANDONDED AND SEALED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION P TELEFORM THIS WELLARS BEEN CONSTRUCTED IN ACCORDANCE WINNESS CHEEN THE NEW HELL WAS BEEN CONSTRUCTED IN ACCORDANCE WINNESS CHEEN THE NEW HELL WAS COMPLETED TO PRODUCTION P TEST WELL CONVERTED TO PRODUCTION P TEST WELL CONVE				C contribunal R rotary O (describe
A WELL WAS ABANDONED AND SEALED WELL CONSTRUCTION WELL WAS ABANDONED AND SEALED PEST CORPORATE LETTER A WELL WAS ABANDONED AND SEALED PEST CORPORATE LETTER BEST CORPORATION WELL CONSTRUCTION AND IN CONFORMANCE WITH INSTRUCTION AND IN CONFORMANCE WITH ALL CONFORMS STATE IN THE SECTION WELL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONFORMS STATE IN THE SECTION AND INCOME. THE SECTION AND INCOME STATE IN THE SECTION AND INCOME STAT			CASING top (main) casing of main casing	
THER CASING (if used) Granter depth (feet)			(nearest inch) (nearest foot)	J jet Submersible
THER CASING (if used) diameter depth (feet) inch to diameter from to to dia				27 27
diameter depth (feet) A day wills 380, 4490 Filled in with and insert and insert and insert and insert and insert appropriate appropriate between the insert appropriate and insert appropriate appropria				
DRILLER WILL INSTALL PUMP VES. NO OR MELLEN WILL INSTALL PUMP VES. NO OR PUMP OF PILLER WILL INSTALL PUMP OF PILLER WILL WAS BEAUTON IN BOX SEE ABOVE: OF PILLER WILL WAS LEAD OF PILLER WILL INSTALL PUMP OF PILLER WILL INSTALL PUMP OF PILLER WILL WAS LEAD OF PILLER WILL INSTALL PUMP OF PILLER WILL WAS LEAD OF PILLE			A diameter depth (feet)	PUMP INSTALLED
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED Y Session of the state of the session of the state of the session of the state of the session of				DOULED MALL INISTALL DUMP VES NO
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED Y Session of the state of the session of the state of the session of the state of the session of	ndry wells	380 449	§	(CIRCLE) (YES or NO)
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED Y Session of the state of the session of the state of the session of the state of the session of	2007	1	N G	
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED Y Session of the state of the session of the state of the session of the state of the session of	Filled in	Men	screen type SCREEN RECORD	EXCEPT HOME USE
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED VSS CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONDED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION P WELL HERBEY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMMAR 260 40 - WELL CONSTRUCTION AND IN CONFRAMORE WITH COMMAR 260 40 - WELL CONSTRUCTION AND IN CONFRAMORE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRE- BOYLE CAPTION TO THE BEST OF THE B	coment +	prior 9	I / SIT BIR HIO	PLACE (A.C.J.P.R.S.T.O)
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED VSS CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONDED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION P WELL HERBEY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMMAR 260 40 - WELL CONSTRUCTION AND IN CONFRAMORE WITH COMMAR 260 40 - WELL CONSTRUCTION AND IN CONFRAMORE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRE- BOYLE CAPTION TO THE BEST OF THE B	ma store a	le	(appropriate) STEEL BRASS OPEN	IN BOX - SEE ABOVE.
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED WELL HYDROFRACTURED WELL HYDROFRACTURED WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED IN THE ST WELL CONVERTED TO PRODUCTION PUBL. E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION PUBL. HERESV CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN FOOM AROUSE WITH COMMS 260404 WELL CONSTRUCTION AROUSE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN'S ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. DRILLERS, SIGNATORE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG OTHER DATA OTHER PUMP COLUMN LENGTH (Inearest ft.) DEPTH (nearest ft.) DEPTH (nearest ft.) DEPTH (nearest ft.) AS J J J J J J J J J J J J J J J J J J J	Macco		BRONZE HOLE	GALLONS PER MINUTE
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED WELL HYDROFRACTURED WELL HYDROFRACTURED WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION P WELL IHEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTION ACCORDANCE WITH COMAR 26040d "WELL CONSTRUCTION ACCORDANCE WITH COMAR 26040d "WELL CONSTRUCTION STATED IN THE ABOVE CAPTIONED PRAMIT, AND THAT THE INFORMATION PRE- BY KNOWLEDGE. DRILLERS BIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of drillier or journeyyman responsible for sitework if different from permittee) TELESCOPE LOG 10H LENGTH AT 1 ST WELL CONVENIES WERE OBSERVED. PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE LAND SURFACE LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LAND MARRIS AND INDICATE NOT LESS THAN AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PRAMIT, AND THAT THE INFORMATION PRE- BOUNG WELL INSERT FIN BOX 68 ME USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.RO.S.) W Q TO THE ROS.) TO THE BOX 68 TO THE ROS.) TO THE STOPE LOG OTHER DATA TELESCOPE LOG OTHER DATA TELESCOPE CASING HUBLERS IDENT. NO. TELESCOPE LOG OTHER DATA TELESCOPE CASING HUBLERS IDENT. NO. TO THE BEST OF THE BES				(to nearest gallon)
WELL HYDROFRACTURED WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P WELL HEREBY CERTIFY THAIT THIS WELL HAS BEEN CONSTRUCTION AND IN CONFORMANCE WITH COMBA 260404 "WELL CONSTRUCTION AND IN CONFORMANCE WITH COMBA 260404 "WELL CONSTRUCTION AND IN CONFORMANCE WITH COMBA 260404 "WELL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONSTRUCTION AND IN CONFORMANCE WITH COMBA 260404 "WELL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONSTRUCTION AND IN CONFORMANCE WITH COMBA 260404 "WELL CONSTRUCTION AND IN CONFORMANCE WITH COMBA 260404 "WELL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONSTRUCTION AND IN CONFORMANCE WITH COMBA 260404 "WELL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONSTRUCTION AND IN CONFORMANCE WITH COMBA 260404 "WELL CONSTRUCTION AND IN			C 2	37 41
WELL HYDROFRACTURED WELL HYDROFRACTURED WELL HYDROFRACTURED CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION P WELL HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTION AND IN CONFORMANCE WITH COMMAR 260 AD WELL CONSTRUCTION PRESENTED HERBIN IS ACCURATE AND COMPLETE TO THE BEST OF ROWN KNOWLEDGE. DRILLERS DENT. NO. DRILLERS DENT. NO. DRILLERS SIGNATURE MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE LAND SURFACE LAND SURFACE LAND SURFACE LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THANK TWO DISTANCES (MESSUR MENTS TO WELL) TO THE BEST OF THE BEST O			1 2	1
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 260404 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRE-SENTED HEREBIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. DRILLERS IDENT. NO. DRILLERS IDENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG OTHER DATA INDICATOR LAND SURFACE (Incarest foot) LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN JUNC DISTANCES (MEASURE MEENTS TO WELL) T (E.R.O.S.) W O 74. 75 76 70 72 WO SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	WHERE SATURATED PRACT	OHES WERE OBSCITVED.		
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 260404 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRE-SENTED HEREBIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. DRILLERS IDENT. NO. DRILLERS IDENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG OTHER DATA INDICATOR LAND SURFACE (Incarest foot) LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN JUNC DISTANCES (MEASURE MEENTS TO WELL) T (E.R.O.S.) W O 74. 75 76 70 72 WO SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	•	\sim \sim \sim	A 8 9 11 15 17 21	(+ above
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL HERREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 260404 "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 IDENT. NO. DRILLERS SIGNATURE OF SCREEN 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 74, 75, 76 TO TELESCOPE CASING OTHER DATA TELESCOPE CASING INDICATOR LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN THAT THE INFORMATION PRESENTED HERE IN IT HE INFORMATION PRESENTED HERE IN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. T (E.R.O.S.) W Q 74, 75, 76 TO TELESCOPE CASING OTHER DATA	WELL HYDROFHACTU	HED Y (N)	H 2	[[[] (nearest
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL HERREY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 2604.04 "WELL CONSTRUCTION AND IN CONFORMANCE WITH COMAR 2604.04 "WELL CONSTRUCTION AND IN CONFORMANCE WITH ALL CONSTRUCTION OF SCREEN DRILLERS IDENT. NO. DRILLERS IDENT. NO. DRILLERS IDENT. NO. DRILLERS IDENT. NO. SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG OTHER DATA INDICATOR	OIDOLE ADDRODE	DIATELETTED	C 23 24 26 30 32 36	foot)
WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL HERBEY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMMR 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 IDENT. NO. DRILLERS IDENT. NO. DRILLERS GIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG OTHER DATA TELESCOPE LOG OTHER DATA SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN JWO DISTANCES (MEASSUREMENTS TO WELL) SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN JWO DISTANCES (MEASSUREMENTS TO WELL) SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN JWO DISTANCES (MEASSUREMENTS TO WELL) FIN BOX 68 MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74. 75 76 70 TELESCOPE LOG OTHER DATA TELESCOPE LOS CASING INDICATOR	Λ A WELL WAS ABAND	ONED AND SEALED		
TEST WELL CONVERTED TO PRODUCTION P WELL IHEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26,04,04 "WELL CONSTRUCTION" AND IN COMPORMANCE 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 DENT. NO. DRILLERS DENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG OTHER DATA INDICATE NOT LESS THAN TWO DISTANCES (MEASURE NOT LESS THAN TWO DISTANCES (MEASURE NOT LESS THAN TOWN LAND MARKS AND INDICATE NOT LESS THAN TOWN LESS THAN TWO DISTANCES (MEASURE NOT LESS THAN TWO DISTANCES (MEASURE			N 38 39 41 45 47 51	A SHOW PERMANENT STRUCTURE SUCH AS
DRILLERS SIGNATURE DRILLERS SIGNATURE OR SCREEN DRILLERS SIGNATURE OR SCREEN DRILLERS SIGNATURE OR SCREEN DRILLERS SIGNATURE OR SCREEN DRILLERS SIGNATURE OF SCREEN SET SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) DIAMETER OF SCREEN SET SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	1 -	•		
IHEREBY 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 IDENT. NO. DEFILLED WAS FIND BOX 68 DRILLERS GINATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	P WELL CONVER	RTED TO PRODUCTION	OF SCREEN INCH)	THANAWO DISTANCES
AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HERINIS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. DRILLERS IDENT. NO. DRILLERS IDENT. NO. DRILLERS SIGNATURE ON APPLICATION DRILLERS SIGNATURE ON APPLICATION SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG OTHER DATA CASING INDICATOR	THEREBY CERTIFY THAT THIS WELL	L HAS BEEN CONSTRUCTED IN	56 60	(MECANICIVE TO WELL)
DRILLERS IDENT. NO. DRILLERS IDENT. NO. DRILLERS GINATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) SITE SUPERVISOR (Sign. of driller or permittee) 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.) V Q 74 . 75 . 76 70 TELESCOPE LOG CASING OTHER DATA CASING INDICATOR	AND IN CONFORMANCE WITH ALL	L CONDITIONS STATED IN THE	GRAVEL PACK	13 2 Wal 120'
DRILLERS IDENT. NO. DRILLERS SIGNATURE CMUST MATCH SIGNATURE ON APPLICATION) DRILLERS SIGNATURE ON APPLICATION) T (E.R.O.S.) W Q 74. 75 76 70 72	SENTED HEREIN IS ACCURATE AND			KJ. CAN
DRILLERS SIGNATURE (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74 . 75 . 76 70		24	4	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) T (E.R.O.S.) 70 72 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE CASING TO TO TO TO TO TO TO TO TO T	DHILLERS IDENT. NO.	<u> </u>		30° Dry
(MUST MATCH SIGNATURE ON APPLICATION) 70 72 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG OTHER DATA CASING INDICATOR	DRILLERS SIGNATURE	. Mayre		
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE LOG OTHER DATA INDICATOR		E ON APPLICATION)	74.75.76	
responsible for sitework if different from permittee) CASING INDICATOR				
respectation for such and the such permittee)	SITE SUPERVISOR (sign. or responsible for sitework if or	of driller or journeyman		
	TOPOLISIDIO TOT SILEMONT II C	pormittee)	COUNTY	Farsis Farm

Page		of	1	•
Date	2	120	19	6

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Loca Subd	Permit No. HO - tion of property ivision WE(N Driller	(road)	Ten Oak Of o Lot Owner	Block Oknick	Plat Plat A, Ster	sec. Sec. YouNG CHEN	4
	Depth of well Distance of me Static water l	360' asuring point (M evel (S.W.L.) be	.P.) above grou	nd / '		_	
	High rate pumpin Time pump start Total time	ed 6.45	rawdown pumping water 1	umping rate evel <u>234</u>	20 gpm. f(! below	M.P.	

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15	WATER LEVEL	PUMPING RATE	FLOW METER READING	CALCULATED FLOW
minute in-	below M.P.	time to fill 🔰	(if used)	(gallons per
tervals		gallon bucket		minute)
7.00	164'	3 pec.		21 gjom.
7:15	234	3		20"
7:30	233	16.		
7:45	230	12		5
8:08	228	12		1 - 3
8:15	228	1000		
8:30	228	16-		
8:45	228	12		1 2
9:00	228	12		3
9:15	228	12		<u> </u>
9:30	227	/2		-
9:45	227	12		
10.00	227	12		1 3
10:15	227	12		
	<u> </u>			
	 			
		;		
	+			

HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health

3525-H Ellicott Mills Drive

Ellicott City. MD 21043

461-9933

Show being not to cover when work is complete 1/23/97

Sellicott City. MELL PUMP AND PRESSURE TANK INSTALLATION New Installation Receipt # Replacement Hane of Installor Ageno Pad Inc. Telephone 747 56/5 License Number M-3095 Well Driller ____ Registered Plumber ____ Certified Well Pump Installer Name of Property Owner STEVE O'LENICK Telephone (410) 482-433-6 Subdivision WEINTRAVB PROP. Lot \$ 13 Well Tag * HO - 93-0260 Site Address 5031 MORNINGSTAR DRIVE Pump Motor Pitless Adapter 1. Horsepower 3/4 1. Type 1. Make <u>Campsell</u>
2. Model # <u>Lx61</u> a. Deep wall jat 2. RPM b. Shallow well jet 3. Voltage 3. Depth c. Submerelble a. 110 b. 220 2. Make Jacves 3. Mode 6 JS4518852WB 4. Capacity <u>5</u> GPM

5. Purp maceods well capacity Yes ____ No V 8. 1f Vee, 1s low pressure cutoff switch installed? Yes 7. What methods are used to protect the pump and electrical wiring from vabrations? Torque arrestors ____ Cable guards ___ Other 1. Type FolyegueLyNE 1. Depth 234 ft. Piping 1. Capacity MX 250

2. Pressure relief 2. Size 100 valve? Y

3. NSF and/or BOCA Code approved

4. Depth of supply line 4

2. Yield 5 GPM

3. Static water level <u>47</u> ft.

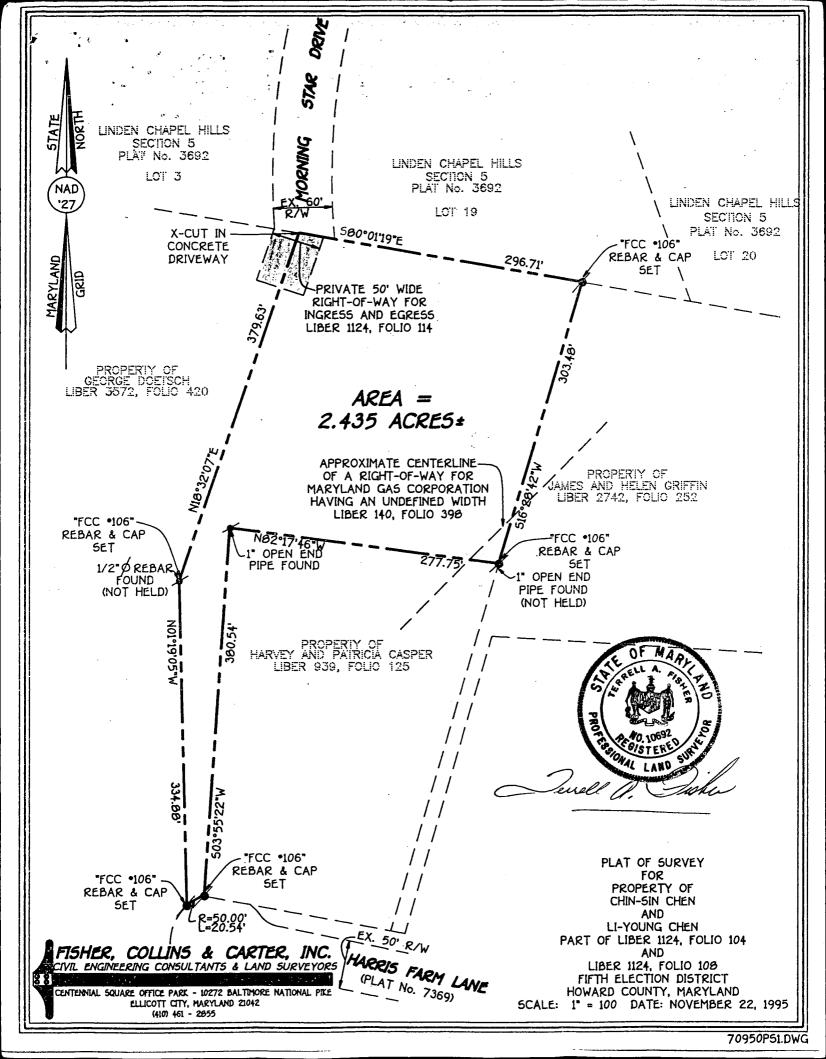
4. Will water supply be disinfected by

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this peralt is null and void).

All information given above is town to the best of my knowledge.

signature of Applicant: Joseph C marro

Note: A sticker indicating approval attacks of the installation will be placed on the well casing at the time of the inspection.



ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION

SIGNATURE OF ENGINEER

DEVELOPER'S CERTIFICATE

DATE

DATE

DATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY".

SIGNATURE OF DEVELOPER

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. APPROVED:

DISTRICT HOWARD SOIL CONSERVATION DIST.

SEDIMENT CONTROL NOTES

- 1) A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LISCENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (3)3-1855).

 2) ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL REGISTRANCE STRUCTURED CONTROL AND CARVISIONS TREGISTORY.

- ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE INSTALLED CONFORMANCE WITH THE MOST CLIRRENT MARYLAND STANDARDS AND SPECIFIC FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.

 3) FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

 4) ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.

 5) ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.

 ALL SEDIMENT CONTROL STRUCTURES ARE TO SEEDING TO STANDARD STANDARD STRUCTURES ARE TO SEEDING TO STRUCTURES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT

CONTROL INSPECTOR.

7) SITE ANALYSIS:
TOTAL AREA OF SITE
AREA DISTURBED
AREA TO BE ROOFED OR PAVED 2.435 ACRES ACRES ACRES AREA TO BE VEGETATIVELY STABILIZED TOTAL CUT ACRES CU.YDS.

TOTAL FILL CU.YDS.

TOTAL FILL CU.YDS.

OFFSI & WASTE/BORROW AREA LOCATION N/A CU.YDS.

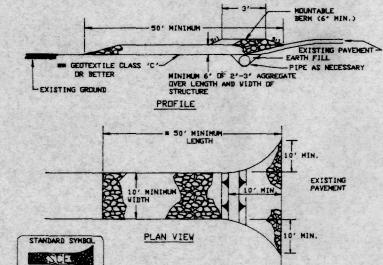
8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

9) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEMED NIGOSEARY BY THE MOVING COUNTY SERIMENT CONTROL MISSES

NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

10) ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES,
APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON
COMPLETION OF INSTALLATION OF PERMETER EROSION AND SEDIMENT
CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL

BY THE INSPECTION AGENCY IS MADE. 11) TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGHTS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



2. Vidth - 10' minimum, should be flared at the existing road to provide a turning

to placing stone. maThe plan approval authority may not require single family

4. Stone - crushed aggregate (2' to 3') or reclaimed or recycled concrete equivalent shall be placed at least 6' deep over the length and width of the

5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable bern with 5:1 slopes and a minimum of 6° of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6' minimum will be required.

6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entransmission.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

INIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELLICOTT CTTY, MARYLAND 21042

SEQUENCE OF CONSTRUCTION 1. OBTAIN GRADING PERMIT.

2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.

3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE

4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION:

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS:
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER Q4 LBS./1000 SQ. FT.)

SEEDING:

FOR THE PRERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST
15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL
RYE (3.2 LB5./1,000 50.FT.)FOR THE PERIOD MAY 1 THRU AUGUST 14.
SEED WITH 3 LB5./ACRE OF WEEPING LOVEGRASS (.07 LB6./100050.FT.).
FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 20. PROTECT SITE BY
APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND
SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING:

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.)

OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING,
ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH

ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.)

OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER,

1555 346 CALLONS PER ACRES. ACCOUNTY OF TY. SCORE ANCHORDING. USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1986 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDBED PREPARATION:
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING
OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS:

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1,000 SQ.FT.) AND 600 LBS, PER ACRE 0-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC. INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEPING LOVEGRASS, DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28. PROJECT SITE BY: OPTION (1) — TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) — USE SOO; OPTION (3) — SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (10 TO 90 LBS./1,000 SQ.FT.)

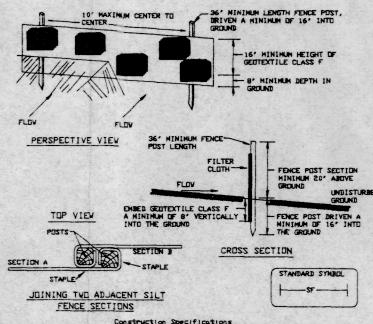
OF UNROTT 2D SMALL GRAIN STRAW PRIMEDIATELY AFTER SEPTING.
ANCHOR MULCH BORDWATELY AFTER APPLICATION LIBRIG 200

GALLONS PER ACRE (5 GAL/1,000 SQ.FT.) OF EMULSIFIED

ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER USE
348 GALLONS PER ACRE (8 GAL/1,000 SQ.FT.) FOR ANCHORING.

MAINTENANCE:
DISPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS/ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



1. Fence posts shall be a ninimum of 36' long driven 16' minimum into the ground. Wood posts shall be $11/2^{\prime} \times 11/2^{\prime}$ square (ninimum) cut, or $13/4^{\prime}$ diameter

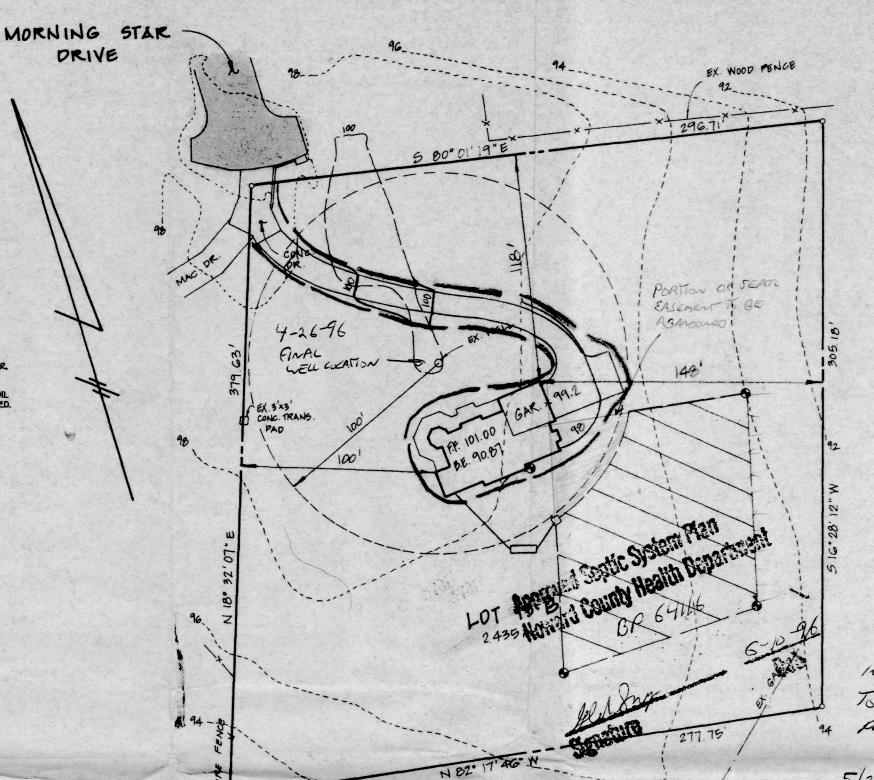
(ninihum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.

Tensile Strength S0 lbs/in (nin.) Test: MSMT 509
Tensile Modulus 20 lbs/in (nin.) Test: MSMT 509
Flow Rate 0.3 gal ft*/ ninute (nax.) Test: MSMT 322
Flittering Efficiency 75% (nin.) Test: MSMT 322

Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Stit Fence shall be inspected after each rainfall event and maintained when buiges occur or when sediment accumulation reached 50% of the fabric height.

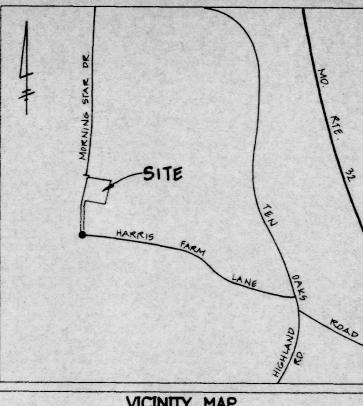
SILT FENCE NOT TO SCALE



- 94

HARRIS FARM

LANE



<u>VICINITY MAP</u>

GENERAL NOTES

SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No. バラマ PROPOSED 1290 GALLON SEPTIC TANK

PROPOSED 1200 GALLON SEPTIC TANK.
A. FIRST FLOOR ELEVATION:
B. BASEMENT ELEVATION:
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 94.60
D. INVERT IN AT SEPTIC TANK: 94.43
E. INVERT OUT AT SEPTIC TANK: 94.10
F. PROPOSED GRADE OVER SEPTIC TANK: 97.60
G. INVERT AT DISTRIBUTION BOX: 94.00
H. EXISTING GROUND OVER DISTRIBUTION BOX: 97.50
LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.

ISSUANCE.

CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

@ = PERC LOCATIONS

DENOTES 10,000 50 FT. SEWAGE DISPOSAL EASELA-4-26-96 REVISED SITE PLAN

MOICATING SENAGE EASTERNEY MODIFICATION TO BE SUBMITTED PRIOR TO SERVE PERMIC ISSUANCE BY CHILL CROUD

5/31 DISCUSSED W/ CHURCH CROUD, HE WILL del 6/7 DISCUSSCED ACAIN W/CHUL CROWD & 6/10 ABANDONMENT OF CORNER OF EASEMENT ACCEPTABLE WITHOUT REUSED PLAN. SCEENENE AREA FOR 3 SERE SYSTEMS 15 AVALLABLE, 10,000 50 ET STILL ALALLABLE.

Stall Sam Auser

APPLICATION FOR BUILDING PERMIT 5031 MORNING STAR DRIVE

LOT 13-B

TAX MAP 28 PARCEL 210 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE: 1": 50" APRIL 22, 1996

PLAN TO ACCOMPANY

S 68° 31' 23" E A PART OF PARCEL NO. 13 2.911 ACRES (13-B) 27° 57' 30" W PLAT FROM DEEDS OF A PART OF PARCEL NO. 13 FOR ALLEN WEINTRAUB FIFTH ELECTION DIST. HOWARD CO. Ras 205 00' / L 134.26' Chd N 48°00'00' W 183.34' CLARKSVILLE, MARYLAND SCALE IIN : 100FT JUNE 29,1977 R11 -230.00' L= 132.47' S 43° 30' 00" E 130.65' Rad: 235.00' L= 135.35'
(Chd: N 43° 30'00' W D Rid 23000'

L /2.5.5/
Cha 515° 38:00 E 5.00° 60' 00' E 100 00' E 588° 44 00" W Rad. = 235.00' / L: 128.24' Chd= N75° 38'00' W State Dept of Health? Mental Hygiene 2 一一 C- 4391-13

