

8:14 AM
C.O. pm
10-2-98
8/17/98
10:00
10/8/98
AM UNIT

8/17/98 Needs
house conn.
(initials)

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510234

A 48847

DISTRICT 3rd

DATE 6-30-98

DATE SYSTEM APPROVED 10-2-98

INSPECTOR KM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 410-795-5674

SUBDIVISION Quarterfield LOT 31 ROAD 11611 Whitetail Lane

PROPERTY OWNER Dale Thompson Builders

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3½ feet below original grade. Bottom maximum depth 5½ feet below original grade. Effective area begins at 3½ feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the left front lot corner, place the distribution box 20 feet down the left lot line and 70 feet off this same lot line. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.
OK KM 6/16/98

PLANS APPROVED BY Mark Rifkin DATE 6/05/98

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 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

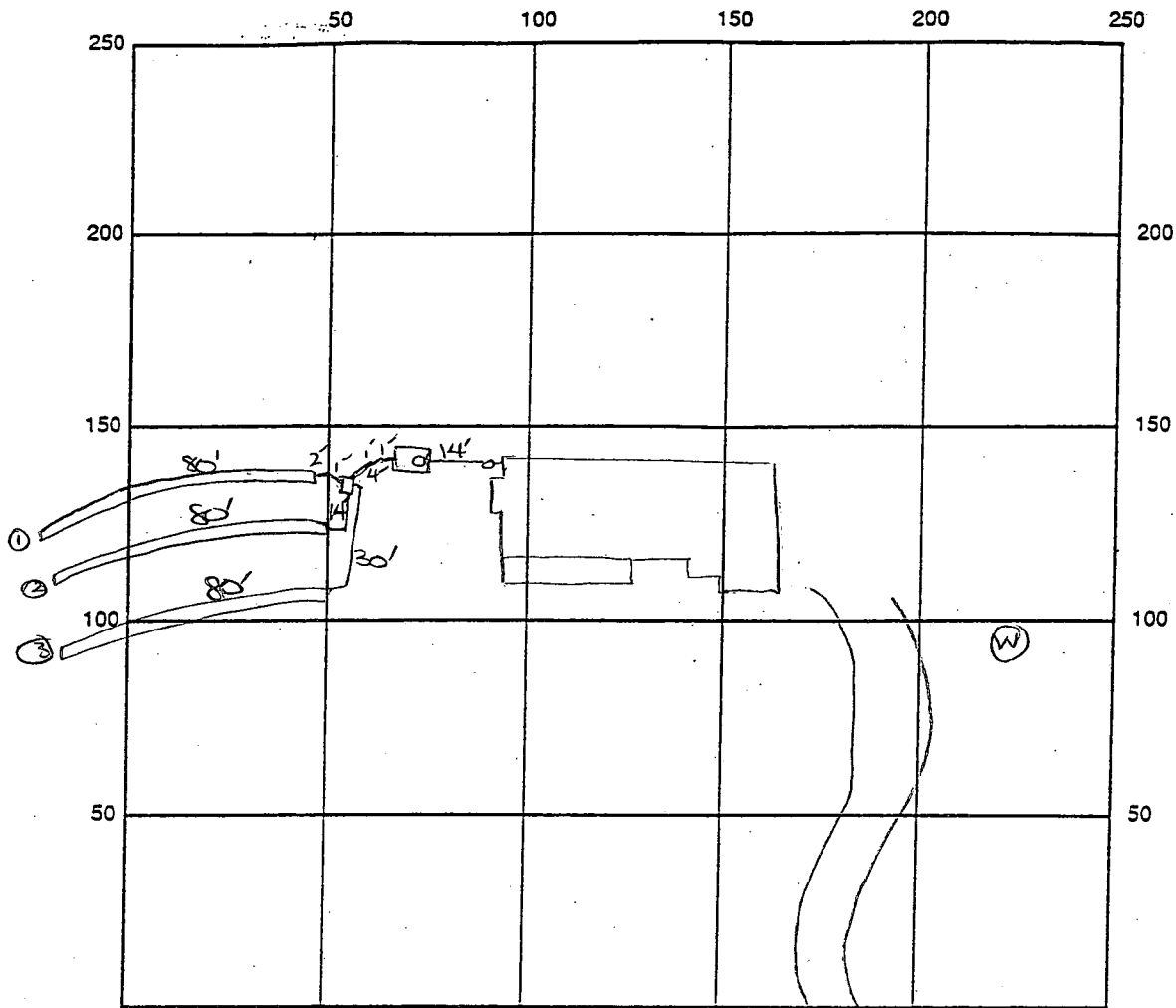
PERMIT VOID AFTER TWO YEARS

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

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

48847



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
Whitetail Lane

SEPTIC TANK LEVEL OK CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3x80 FT. → 240

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 8/14/98 OK to cover from house to dist. box. OK to cover 1st trench and continue. Needs house connection DB

8/17/98 OK to cover all septic work - Needs house connection. OKS

10.2.98 has house connection (Kim)

10.8.98 WPI covered @ time of ins - 2 piece cap tight - conduit pipe OK. All

DATE SYSTEM APPROVED 10.2.98 INSPECTOR Kim Maister

APPLICATION

PERCOLATION TESTING

A 48847

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Joseph M. Zoller, III DALE Thompson Builders
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:
SUBDIVISION Zoller Property LOT NO. 23 31 31
ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road

intersection. (1161 Whitetail Lane)
TAX MAP 23 PARCEL# 8,82 & 101
SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family - 4 Bm
BLDG. PERMIT SIGNED AND RETURNED 6-5-98
Sub # 370 11828
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.
SDC Group Inc.
By: Ash Pugh VP
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

296

0' brn
sac l
1m
15% frags

3' tan gray
coarse sand
(decomposed
sandstone)
20% frags

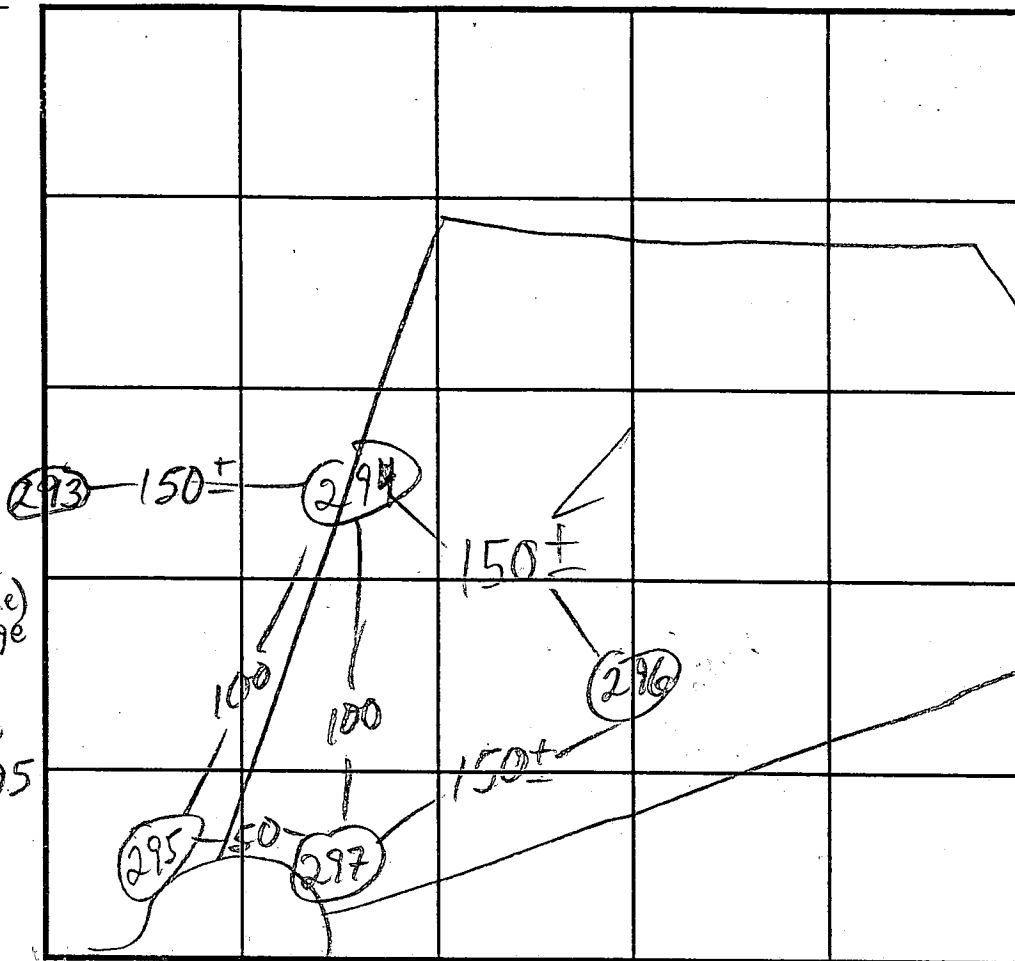
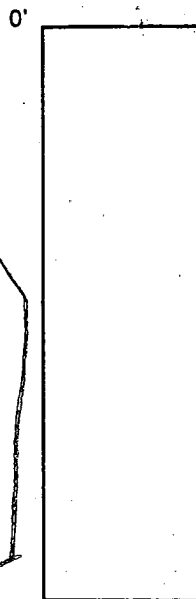
6' tan gray
coarse sand
(elec. sa-stone)
30-35% large
hard frags

11' HARD BOT
297 294

4' brn
sac l
1m
15% frags

12' brn org
sa lm
10-15%
frags
some
mice

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/27/94	296	4	2:44:00	2:49:45	2:49:45	2:56:45	2
	296	11	see profile				
8/3/94	297	5	9:30:15	9:33	9:33	9:40	7
	297	12					
	294	4	9:38 9:47:30	9:48:15	9:48:15	9:49:15	FAST 1
	294	11					
	295	4 5	9:27 10:02	9:37 10:12	< 1/4" REDIG	< 1/2" REDIG	
	295	6 1/2 12	10:36	10:38	10:38	10:41	3
	293	4 1/2	10:21:00	10:21:35	10:21:35	10:22:35	1
	293	11					

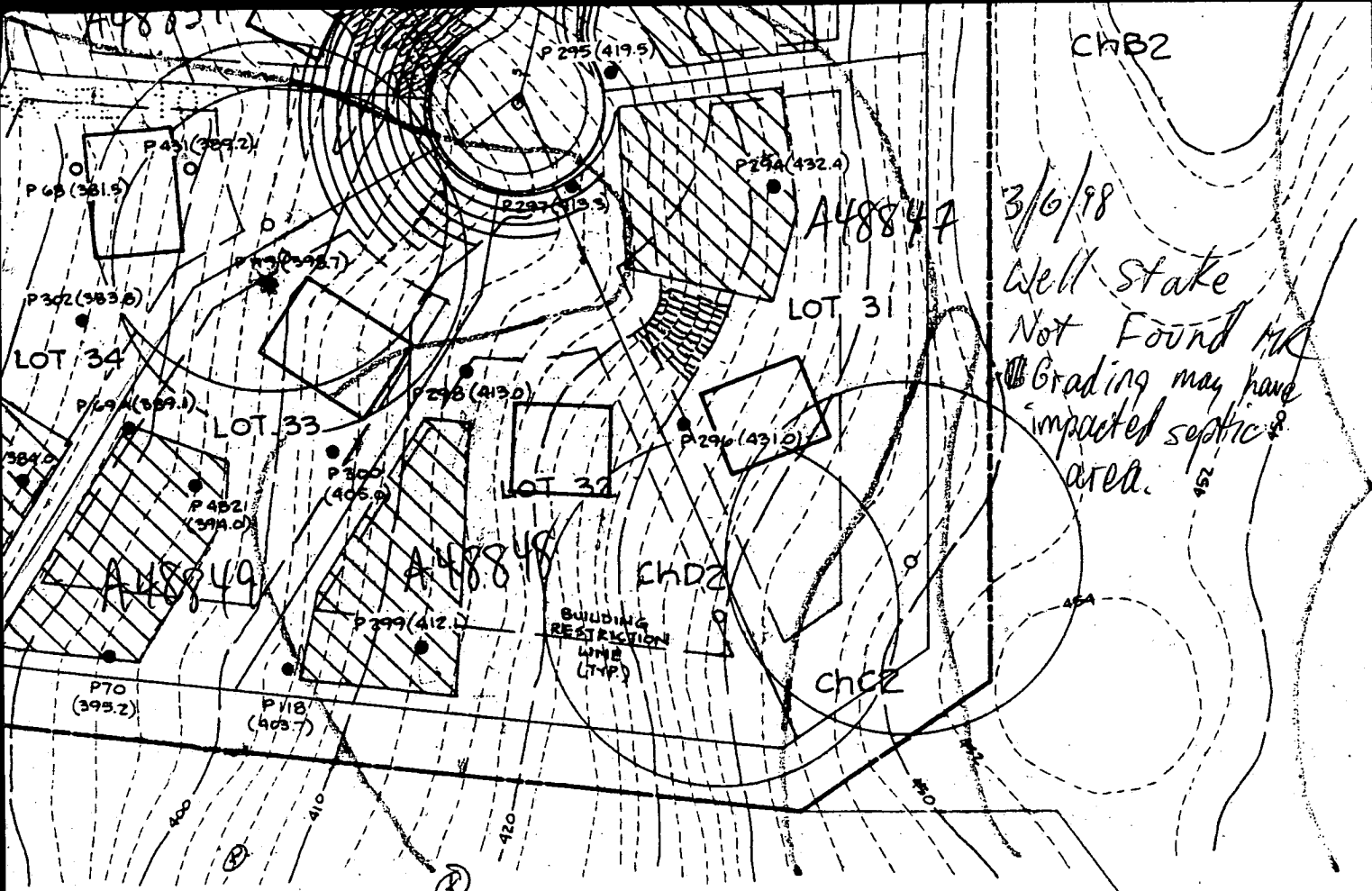
REMARKS _____

TYPE OF SOIL _____

TESTED BY M. Ripkin ALSO PRESENT Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

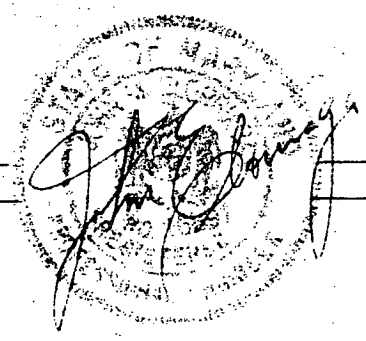
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



3/6/98
 Well Stake
 Not Found MK
 Grading may have
 impacted septic
 area.

DATE	REVISION

TSA GROUP, INC.
 planning • architecture • engineering
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 465-6105



GAP Permit # #0956003(01)

OWNER: JOSEPH M. ZOLLER III 11696 CARROLL MILL ROAD ELLICOTT CITY, MARYLAND 21043	PROJECT: ZOLLER PROPERTIES PARCEL SUBDIVISIONS	
	LOCATION: TAX MAP 23 - PARCELS 5, 8, 82, 101 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
DEVELOPER/OWNER: SDC GROUP, INC. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21041 (410) 465-4244	Signed _____ TITLE: PERC CERTIFICATION PLAN 5-93-17 P-94-03	
	DATE: SEPTEMBER 16, 1994 JANUARY 31, 1995	PROJECT NO. 0523

B 1 8001 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER H0-94-1515 fill in this form completely

Date Received (APA) 11/18/97

OWNER INFORMATION

Thompson Dale 10005 Old Columbia Rd. Columbia Md. 21046

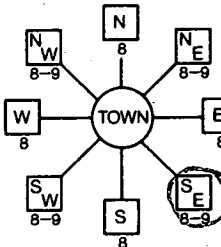
LOCATION OF WELL

Howard County Quarterfield West Friendship 31 4 miles from town

DRILLER INFORMATION

Joseph L. Mayne M S D 024 Joseph L. Mayne Well Drilling 3512 Ridge Rd. Mt. Airy 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Whitetail Lane 150 feet from road on east side. Tax map: 23 BLK: 15 PARCEL 101

WELL INFORMATION APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

- USE FOR WATER (CIRCLE APPROPRIATE BOX) HOME (D), FARMING (F), INDUSTRIAL (I), PUBLIC (P), TEST (T)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A48847 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 04 09 98 Mark E. Ruffin 4/9/99

APPROXIMATE DEPTH OF WELL 240 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER 1. Well

4/28/98 11:00 GROUT 11:30 NOT GROUTED NO ONE PRESENT

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTARY JETTED AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTARY Drive-POINT

WRITE THE BOX NUMBER FROM THE MAP HERE

E 826 N 520

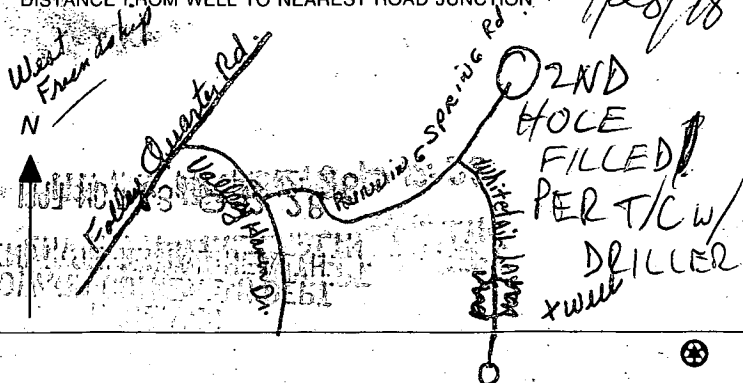
000 TAG & LOC OK

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL (Y) THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED (S) THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS (D) THIS WELL WILL DEEPEM AN EXISTING WELL

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION.

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

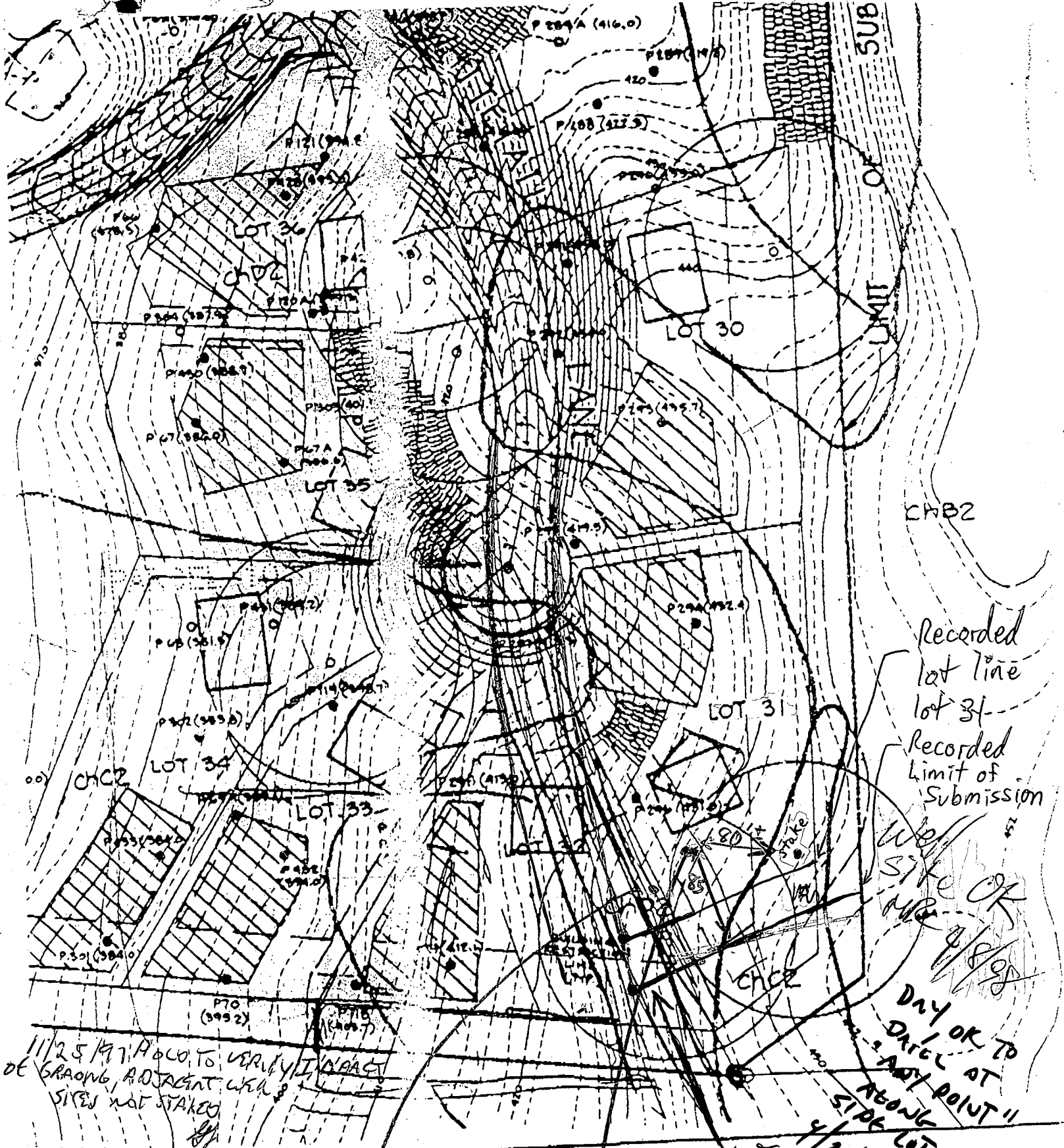


Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER FORCE M R INITIALS IN BOX PERMIT No. H0-94-1515

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -



Recorded
lot line
lot 31
Recorded
Limit of
Submission

Well
site OK
MR
4/8/98

DRY OK TO
DRILL AT
ANY POINT!!
4/20/98 CW TO
SIDE LOT LINE.

11/25/97, POLO TO VERIFY IMPACT
OF GRAVING ADJACENT WITH
SITES NOT STAKED

		#2	LOT
		Well site	CORNERS
		As drilled	REVISION
NO	DATE	3rd	

SITE OK
MR 4/21/98
IN CONFLICT
w/HOUSE

FROM : DALE THOMPSON
DALE THOMPSON
12 29 PM '97

C 1 05063 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A48847

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 04 28 98 Depth of Well 400

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-1515

OWNER Dale Thompson Bldrs Whitetail Lane W. Friendship QUARTERFIELD SECTION Lot 31

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 handwritten entries: Sand 0-63, Gray Mica Rock 63-400.

2) Dry wells 200' AND Filled in with cement + drilling materials

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) NO. TYPE OF GROUTING MATERIAL (CM) BENTONITE CLAY (BC) NO. OF BAGS 19 NO. OF POUNDS 1786

CASING RECORD

MAIN CASING TYPE ST Nominal diameter top (main) casing 6 Total depth of main casing 68

OTHER CASING (if used)

SCREEN RECORD

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, N and depth values (66, 400).

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 5 METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 41 WHEN PUMPING 220

TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES or NO) YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35. PUMP HORSE POWER 37 41. PUMP COLUMN LENGTH (nearest ft.) 43 47.

CASING HEIGHT (circle appropriate box and enter casing height) + above, - below. LAND SURFACE 2 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

See attached well locations

NUMBER OF UNSUCCESSFUL WELLS: 1

WELL HYDROFRACTURED (Y) (N)

- 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

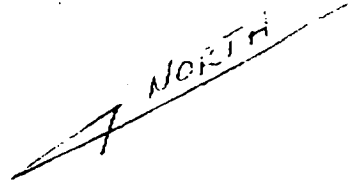
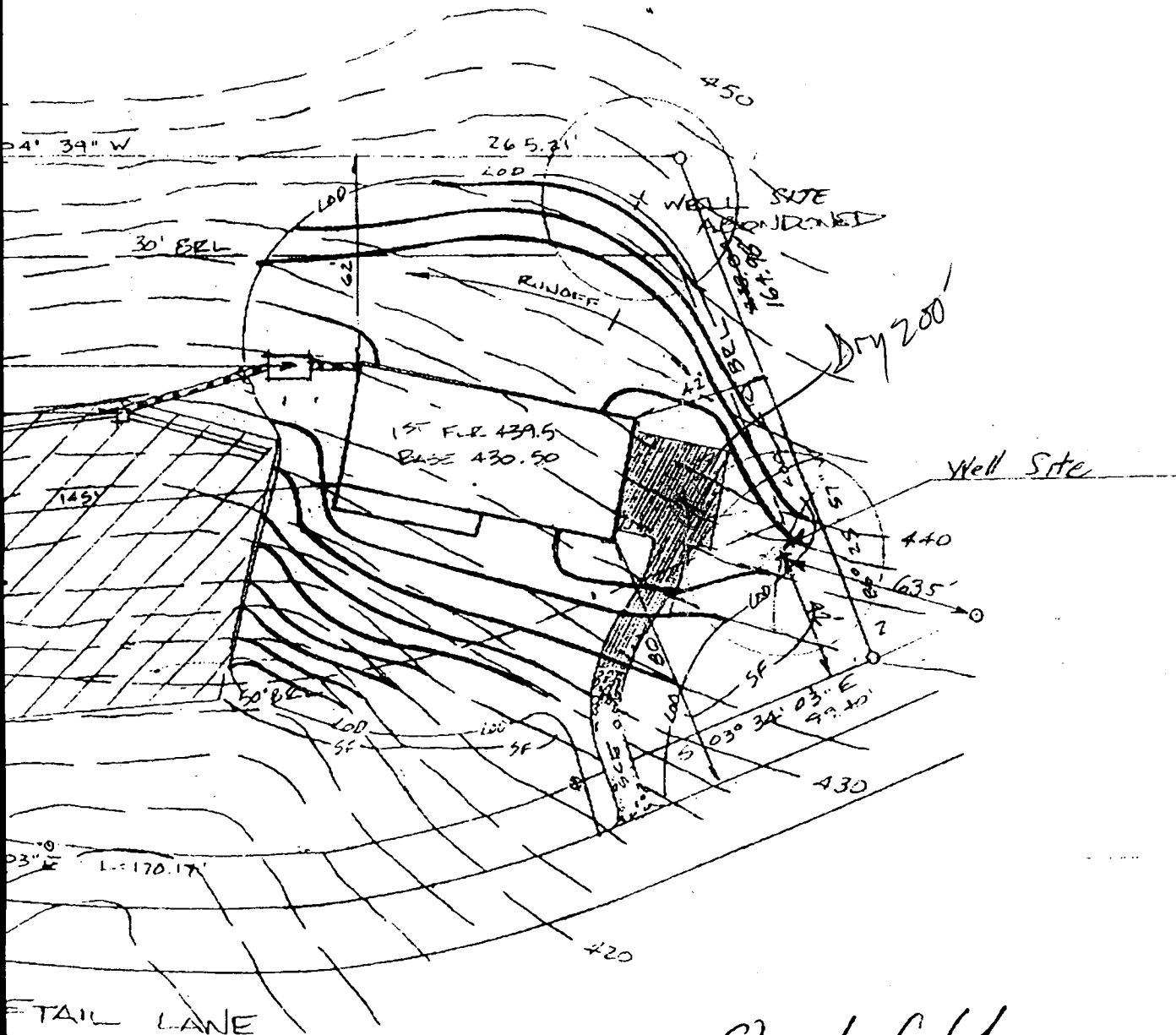
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MS D024 DRILLERS SIGNATURE Larry L. Mayre

LIC. NO. MS D027 DRILLERS SIGNATURE Larry L. Mayre

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Project		Date		Sheet	
F&E NO.					
TO	Betty Mayne				
PLAN	201 029-5394				
FROM	DTB				
PHONE	029-2164				



Quarterfield.
 LOT 31
 1.3 AC.

Scale: 1" = 50'