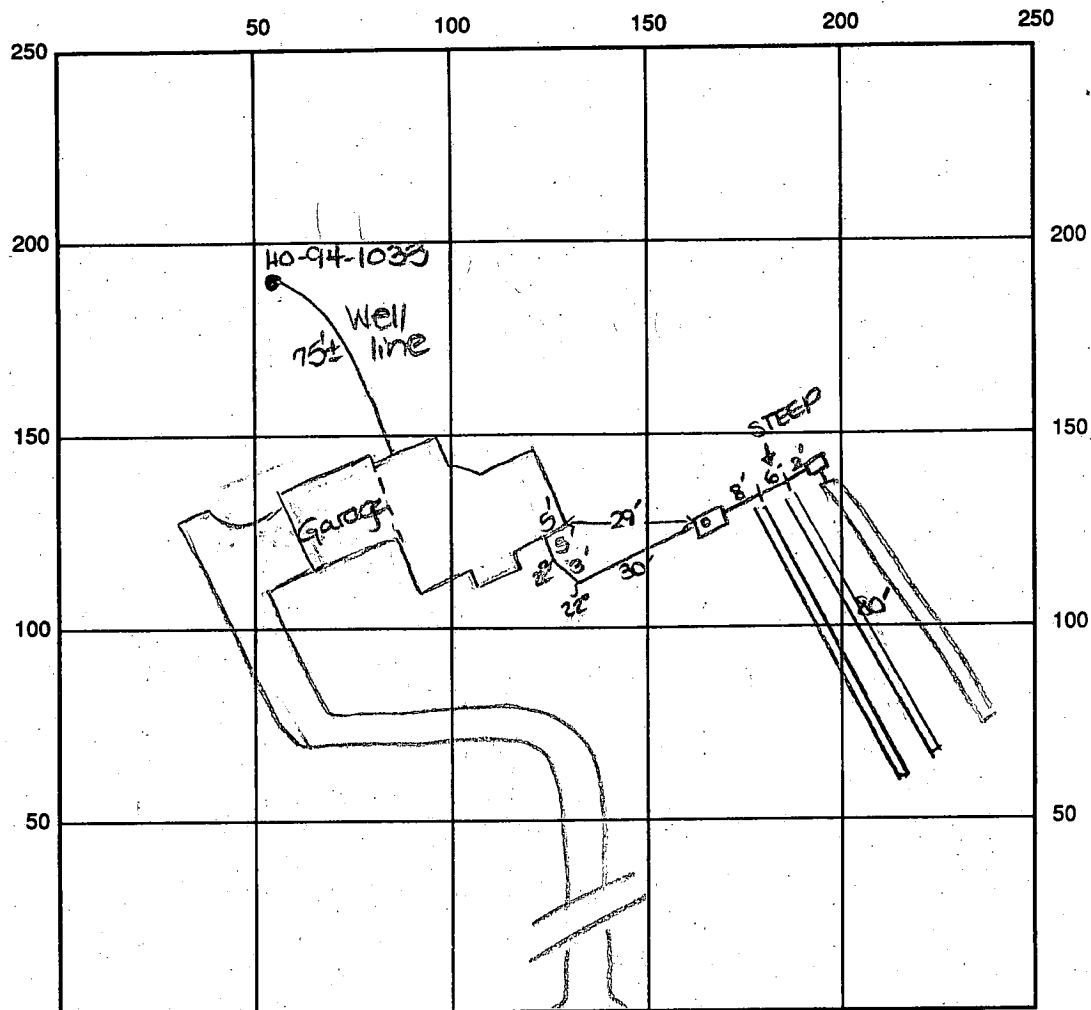


506268 A



Woodstock Road

SEPTIC TANK LEVEL OK CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK BASES IN

DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 380 FT. = 240

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

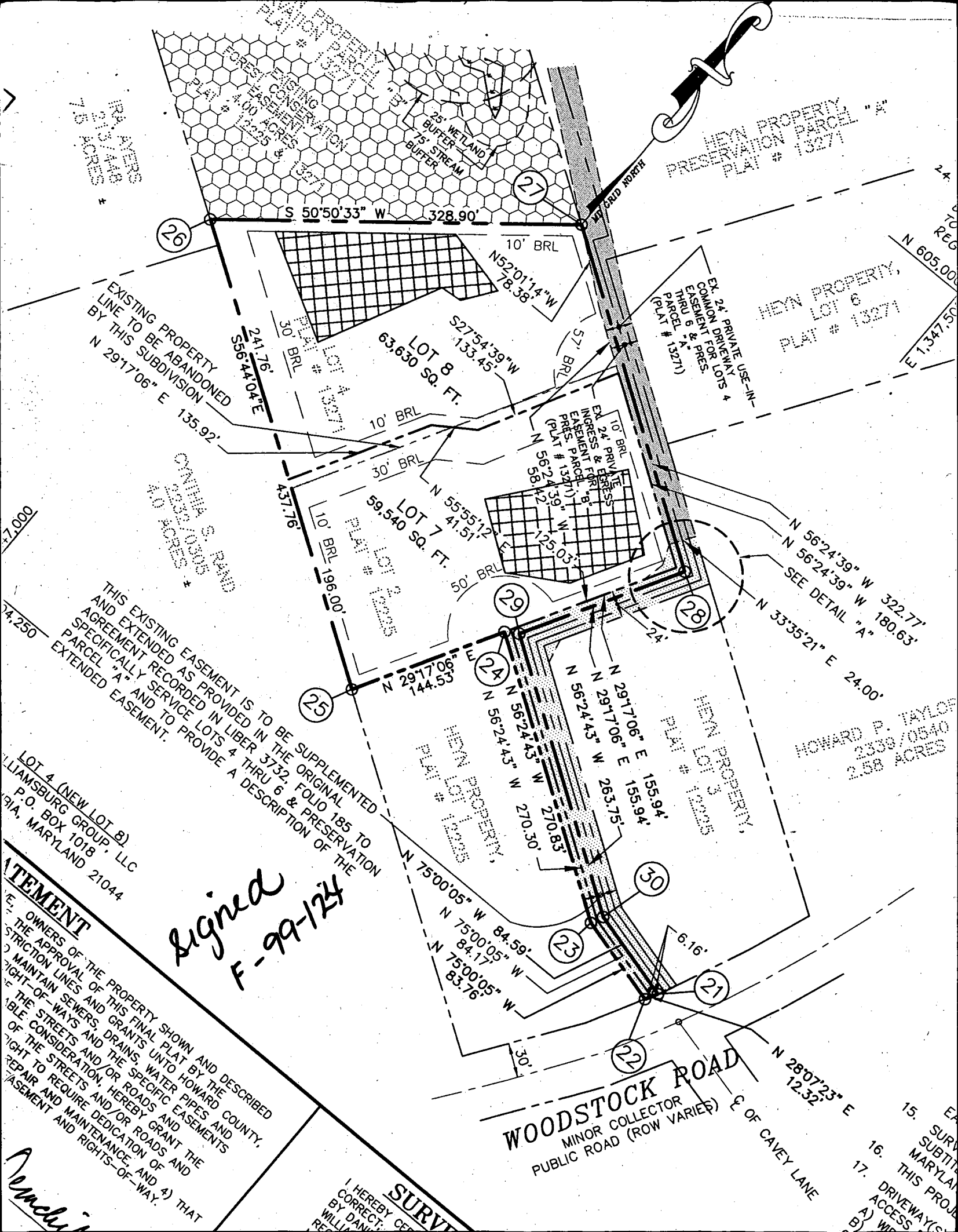
DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

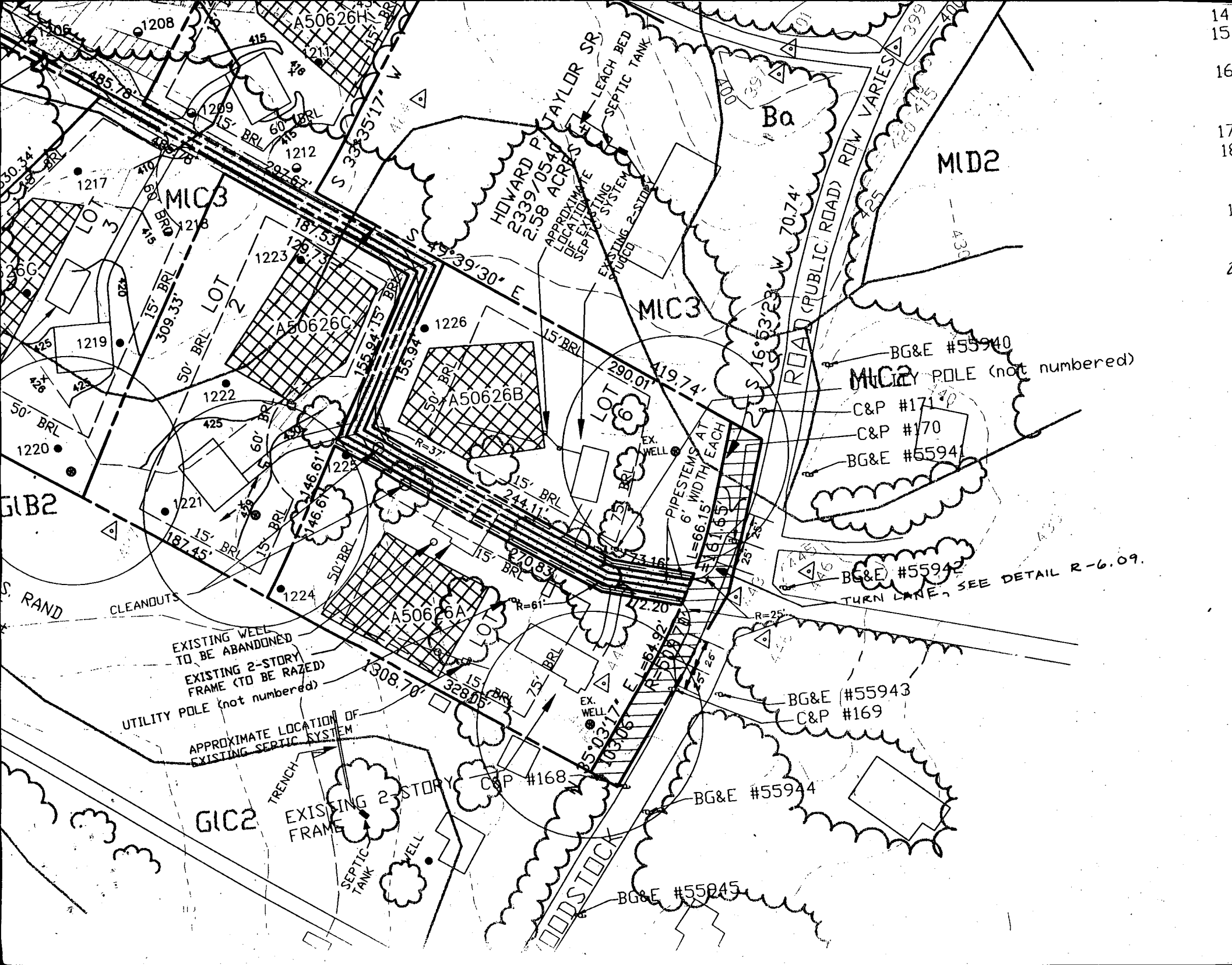
ABSORBENT AREA _____ SQ. FT.

REMARKS: 7/21/97 OK to cover from house to dist. box. DKS

7/21/97 WPI - well line, P.A. 4' b.g.; well casing 1.5' a.g. -
2 pc cap installed, copper ground wire, OK to cover. (DKS)

DATE SYSTEM APPROVED 7-22-87 INSPECTOR [Signature]





4/18/85
4/19/85
10:00

APPLICATION

PERCOLATION TESTING

A 50626 C

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

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 JANTEL HEYN PETER DEXHEIMER & Kim GREVE

ADDRESS 1112 OYSTER COVE DRIVE PHONE (410) 827-4970
GRASONVILLE, MD 21638

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

BLDG. PERMIT SIGNED

AND RETURNED 3/13/97

Permit # 20104352
SFD - 4Bun

PROPERTY LOCATION: 1646 Woodstock Road

SUBDIVISION HEYN PROPERTY LOT NO. 3

ROAD AND DESCRIPTION APPROXIMATELY 3900 FEET FROM THE
INTERSECTION OF MD ROUTE 99 AND WOODSTOCK
ROAD ON THE NORTHWEST SIDE OF WOOD-
ROAD ACROSS FROM INTERSECTION OF CAVEY
TAX MAP 10 PARCEL # 39 LANE AND WOODSTOCK RO.

SIZE OF LOT 7 LOTS, EACH 1 ACRE[±] TYPE BLDG. SFD
(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. Stephanie Reuchuk
(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 #
50626 C
SOIL PROFILE
1221/1226

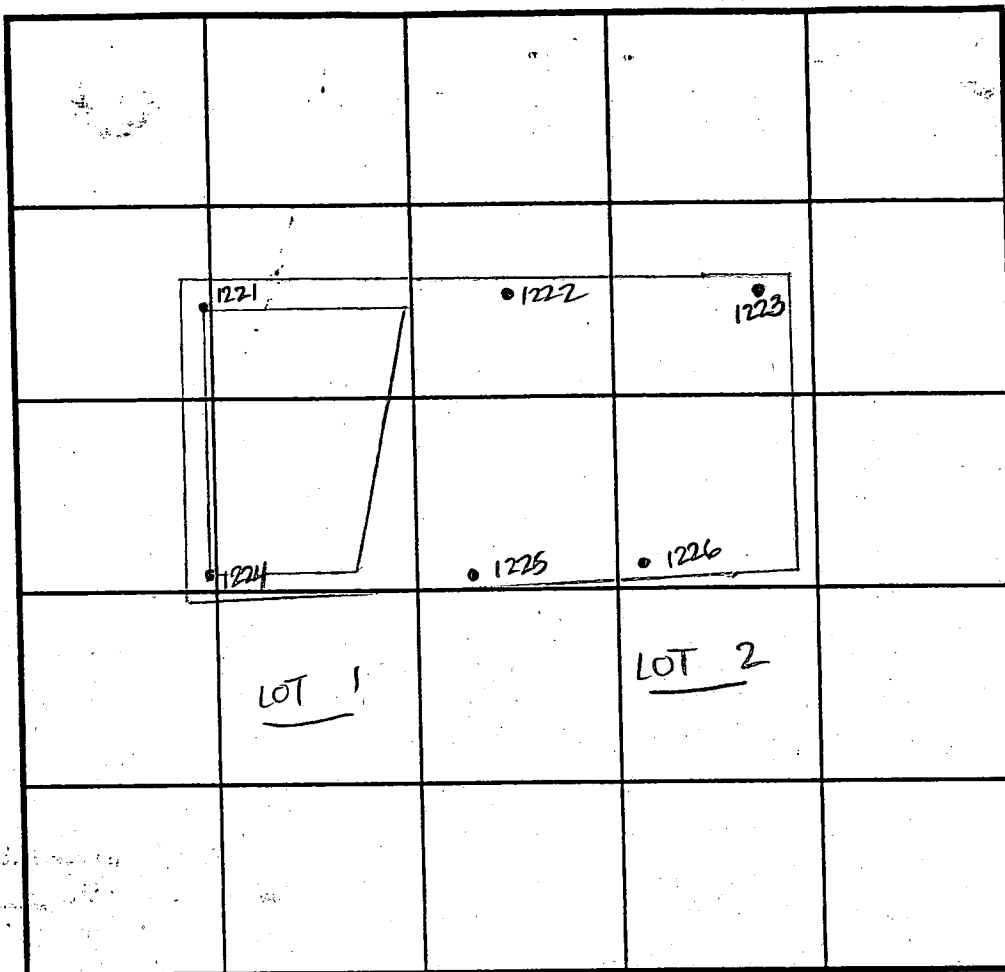
topsoil
red br
cl 1m
lt or br
to tan
to beige
si 1m

<5%
rock
frags

1222
topsoil
or red br
cl 1m
w/ sm
boulders
lt or br
to tan
si 1m

<5%
rock
frags

1223
topsoil
red br
cl 1m
br to
lt br
si 1m



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

1224
topsoil
red br
cl 1m
lt red
br to lt
br si 1m

5-10%
rock
frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-18-95	1221	5.5'S	10:31 ₃₀	10:33	10:33	10:37	4
		13.5'D					
	1222	4.0'S	11:35 ₂₀	11:37 ₃₀	11:37 ₃₀	11:40	3
		12.5'D					
	1223	4.0'S	11:27	too slow			
		4'9"S	11:47 ₃₀	11:54	11:54	12:03	9
		12.0'D					
	1224	5.5'S	10:17	11:32	too slow		
		12.5'D	test	hole ok	below this depth		

REMARKS all tests per stakes; NO obvious well site

TYPE OF SOIL

TESTED BY D. Soe

ALSO PRESENT owner, Ryck's men

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

5 min

TRENCH WIDTH

3'

INLET DEPTH

4.5'

MAXIMUM BOTTOM DEPTH

6.5'

SQ. FT/BEDROOM

180

APPLICATION

PERCOLATION TESTING

A 50626C

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 3

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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. _____

(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

50626C

COUNTY #

SOIL PROFILE

1225

topsoil

red or
br d 1m
w/sm
boulders14 or br
to 14 br
si 1msm wh
streak5-10%
rock
frags

SOIL PROFILE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-18-85	1225	3'8"S	10:20	10:22 ₃₀	10:22 ₃₀	10:26	4
		12.0'D					
	1226	3.0'S	10:43	10:50	10:50	11:01 ₃₀	12
		12.0'D					

REMARKS

TYPE OF SOIL

TESTED BY

D. Soe

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

EMERGENCY/TEMP NO. IF ANY

<p>B 1</p> <p style="font-size: 24pt; font-weight: bold;">7404</p> <p style="font-size: 8pt;">(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</p>	<p>SEQUENCE NO. (MDE USE ONLY)</p>	<p>STATE OF MARYLAND</p> <p>PERMIT TO DRILL WELL</p> <p>please print or type</p>	<p>STATE PERMIT NUMBER</p> <p style="font-size: 24pt; font-weight: bold;">HO-94-1033</p> <p style="font-size: 8pt;">fill in this form completely</p>
---	--	--	--

OWNER INFORMATION

Date Received (APA) 122790

Dexheimer Peter

15 Last Name 34 First Name

9530 CABOOSE CT

36 Street or RFD 55

COLUMBIA MD 21045

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

CIRCLE: MSD/MGD/MWD MSD

Joseph E. Mayne 29

Driller's Name 77 License No. 80

Joseph E. Mayne Well Drilling

Firm Name

5512 Ridge Rd. Mt. Airy, Md. 21771

Address

Joseph E. Mayne 12/31/96

Signature Date

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 390

14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER. (REQUIRES APPROPRIATION PERMIT)

☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 289 FEET

24 28

APPROXIMATE DIAMETER OF WELL 6 INCH

NEAREST INCH

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 DEEPEEN 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)

APPROX. PERMIT NUMBER _____ 54 G A P _____ 63

FORCE 100 WRITE INITIALS IN BOX PERMIT No. HO-94-1033

67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

LOCATION OF WELL

HOWARD

8 COUNTY 21

HEYN PROPERTY

23 SUBDIVISION 42

SECTION 44 LOT 2

44 46 48 50

WOODSTOCK

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 3 MI

73 76 77 78

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

SW

8-9 8-9 8-9 8-9 8-9 8-9 8-9 8-9

NEAR WHAT ROAD

Woodstock Road

11 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

360

34 37

DISTANCE FROM ROAD

ENTER FT OR MI FT

38 39

TAX MAP: 10 BLK: 18 PARCEL 39

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A506269

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S 12/30/97

DATE ISSUED 41

123190 Soma K SQR 12/30/97

43 48 CO SIGNATURE EXP. DATE

NORTH GRID 543000 EAST GRID 0834000

50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. WELL

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

8204

5400

000 000

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

Woodstock

Woodstock Rd.

Well

Md.

99

Peter Dexheimer

(H) 410-992-5382
(D) 410-531-6550

S 33°35'17" W
90.00'

12/21/96
well site OK
as stated
(KS)

IRON PIPE FOUND (HELD)
IRON PIPE FOUND (1.67' OFF LINE)

SEE DETAIL "A"

IRON PIPE FOUND (ON LINE)

IRON PIPE FOUND (HELD)

SEE DETAIL "B"

IRON PIPE FOUND (ON LINE)

HOWARD P. TAYLOR SR.
2339/0540
2.58 ACRES ±

IRON PIPE FOUND (HELD FOR LINE)

30.84'
N 20°09'49" E 55.19'
S 20°09'49" W 61.52'
N 23°20'58" E 81.54'
N 23°20'58" E 83.6'
S 28°07'23" W 74.94'
E OF CAVEY LANE
S 28°07'23" W 77.95'

AREA DEDICATED TO HOWARD P. TAYLOR SR.
FOR THE PURPOSE OF A PUBLIC ROAD

N 34°50'40" E
113.98'

WOODSTOCK ROAD
PUBLIC ROAD (ROW VARIES)

IRON PIPE FOUND (HELD FOR LINE)

PRIVATE 30' USE-IN-COMMON
EASEMENT FOR LOT 1 THRU 3 &
NON-BUILDABLE BULK PARCEL "A"
LIBER 3732, FOLIO 0185

CYNTHIA S. RAND
2232/0305
4.0 ACRES ±

SURVEYOR'S CERTIFICATE

RECORDED AS PLAT 1225 ON 6/27/96 AMONG THE LAND RECORDS

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS
CORRECT; THAT IT IS A SUBDIVISION OF THE LAND CONVEYED BY
DANIEL A. HEYN AND MARIA T. HEYN

HEYN PROPEI
LOTS 1 THRU 15

C 1		6525		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)								COUNTY NUMBER A 50626G	
ST/CO USE ONLY DATE Received MM DD YY 8 13		DATE WELL COMPLETED MM DD YY 15 7 97		Depth of Well 22 265' 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" 16-94-1033 28 29 30 31 32 33 34 35 36 37			
OWNER Dezheimer last name		Woodstock Rd first name		TOWN Woodstock		SUBDIVISION Heyn Property		SECTION LOT 2	
WELL LOG Not required for driven wells		STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 25 NO. OF POUNDS 2350 GALLONS OF WATER 150 DEPTH OF GROUT SEAL (to nearest foot) from 0 48 TOP 52 ft. to 75 54 BOTTOM 58 ft. (enter 0 if from surface)		C 3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 27 ft. WHEN PUMPING 79 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
DESCRIPTION (Use additional sheets if needed)		FEET FROM TO		check if water bearing		CASING RECORD casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 3/8 Total depth of main casing (nearest foot) 80 OTHER CASING (if used) diameter inch depth (feet) from to			
NUMBER OF UNSUCCESSFUL WELLS: 0		WELL HYDROFRACTURED Y N		C 2 DEPTH (nearest ft.) 78 265 1 2 3 4 5 6 7 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to		PUMP INSTALLED DRILLER WILL INSTALL PUMP (YES or NO) 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) 29 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 2 (nearest foot) - below 49 50 51			
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 D 024 Joseph L. Marone DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. M D		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 70 72 74 75 76 TELESCOPE LOG OTHER DATA CASING INDICATOR		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) 187.45 Woodstock Rd			

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 DISTRICT.

SIGNATURE OF ENGINEER

3/5/97
DATE

DEVELOPER'S CERTIFICATE

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 EROSION AND SEDIMENT 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

7 March 97
DATE

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

U.S. SOIL CONSERVATION DISTRICT

DATE

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

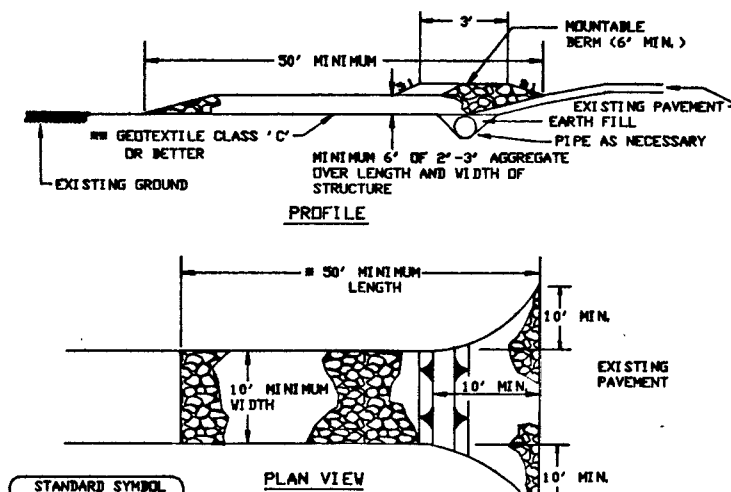
DISTRICT HOWARD SOIL CONSERVATION DIST.

DATE

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1055).
- 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 EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
- 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, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS 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.
- 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. 50), 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 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.
- SITE ANALYSIS:

TOTAL AREA OF SITE	1.37	ACRES
AREA DISTURBED	0.33	ACRES
AREA TO BE ROOFED OR PAVED	0.21	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.12	ACRES
TOTAL CUT	100	CU.YDS.
TOTAL FILL	100	CU.YDS.
- OFFSITE WASTE/BORROW AREA LOCATION: CU.YDS.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER 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.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



STANDARD SYMBOL
CONSTRUCTION ON SPEED PAVEMENT

- Length - minimum of 50' (100' for single road entrance).
- Width - 10' minimum, should be placed at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require a single row of sediments to use geotextile.
- Stone - crushed aggregate (2" to 3") or recycled concrete or recycled asphalt equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or adjacent 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 berm with 3:1 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.
- Location - A stabilized construction entrance shall be located at every point where construction on traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

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

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
F.C.C.

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
- 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.

SEEDING PREPARATION

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

SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (67 LBS./1000SQ.FT.) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28. 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./1000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 6 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1990 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:

SEEDING PREPARATION

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

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DILOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 400 LBS. PER ACRE (11.5 LBS./1000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 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 SOD, OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEED.

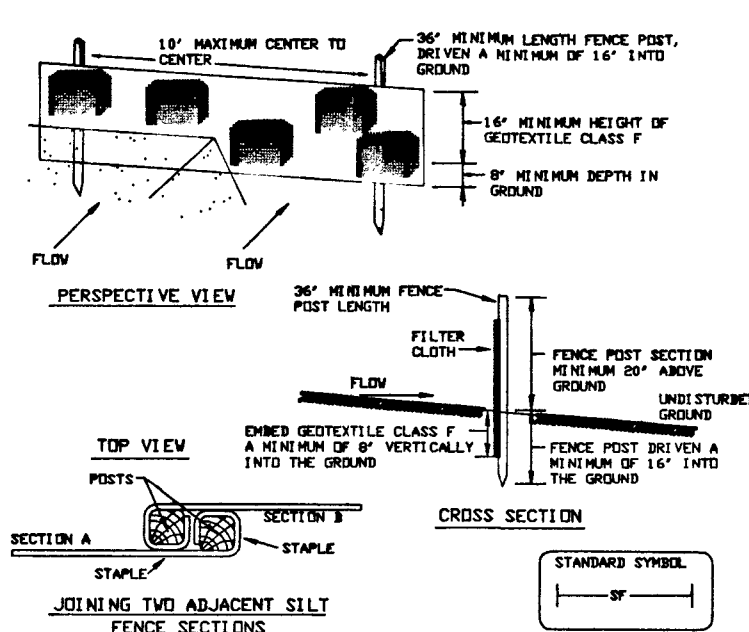
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 6 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE

INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWWEATCH 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.

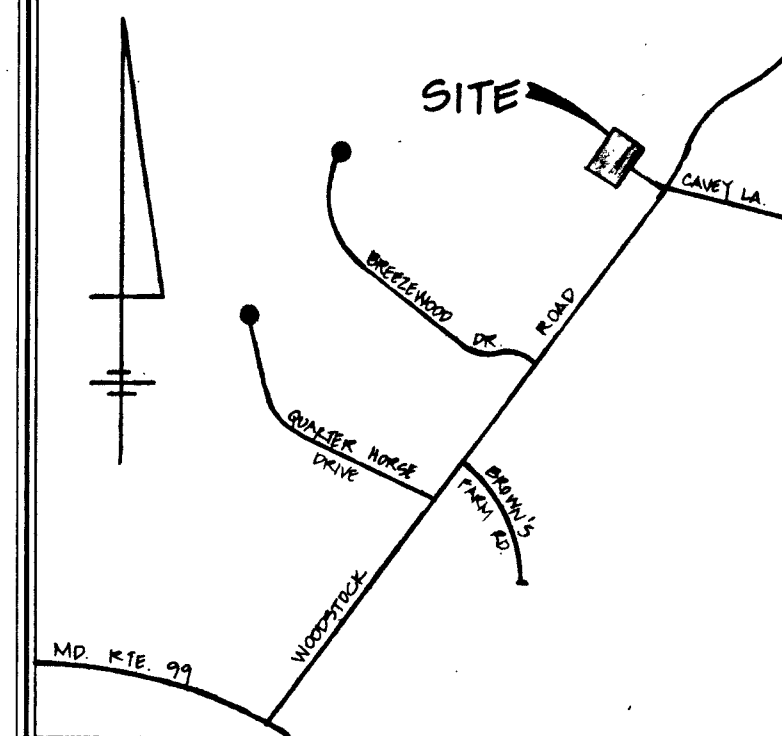


STANDARD SYMBOL
CONSTRUCTION ON SPEED PAVEMENT

- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 11/2" square (4 minimum cuts, or 13/4" diameter (11 minimum round) and shall be of sound quality hardwood. Steel posts will be standard T or U section weighing not less than 1.00 pound per linear foot.
 - Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:
- | | | | |
|----------------------|-------------------------|-------|----------|
| Tensile Strength | 50 lbs./in. (min.) | Tests | MSHT 309 |
| Tensile Modulus | 20 lbs./in. (min.) | Tests | MSHT 309 |
| Flow Rate | 0.3 gal. sq./in. (max.) | Tests | MSHT 302 |
| Filtering Efficiency | 75% (min.) | Tests | MSHT 302 |
- Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
 - Silt fence shall be inspected after each rainfall event and rainfall when bulges occur or when sediment accumulation reached 50% of the fabric height.

SILT FENCE

NOT TO SCALE



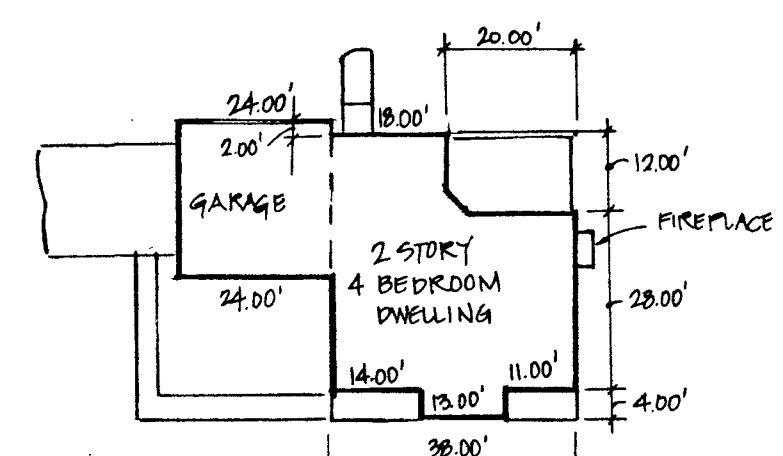
VICINITY MAP
SCALE: 1"=2000'

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT NO.
- PROPOSED 1500 GALLON SEPTIC TANK.
- A. FIRST FLOOR ELEVATION: 434.20 ✓
B. BASEMENT ELEVATION: 425.20 ✓
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 424.00 ✓
D. INVERT IN AT SEPTIC TANK: 422.00 ✓
E. INVERT OUT AT SEPTIC TANK: 422.00 ✓
F. PROPOSED GRADE OVER SEPTIC TANK: 426.00 ✓
G. INVERT AT DISTRIBUTION BOX: 422.00 ✓
H. EXISTING GROUND OVER DISTRIBUTION BOX: 420.00 ✓
I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

Approved Septic System Plan
Howard County Health Department

Signature: [Signature]
Date: 3/13/97



TYPICAL FOOTPRINT
NOT TO SCALE



PLAN TO ACCOMPANY
APPLICATION FOR BUILDING PERMIT
HEYN PROPERTY
LOT 2

3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN
MARCH 5, 1997

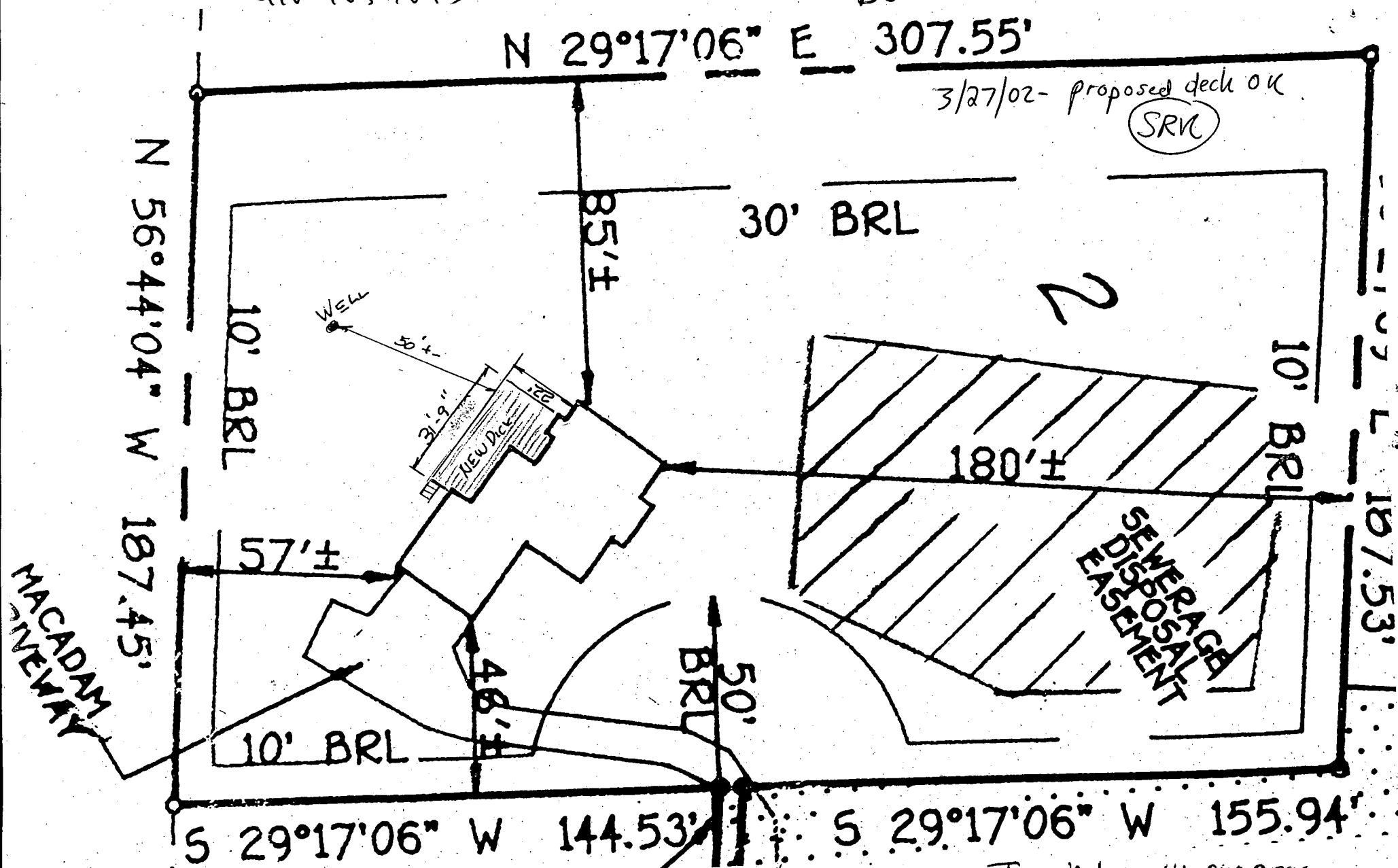
Peter Dexeimer
1664 Woodstock Rd
Woodstock MD 21163
410 465 7093

B00135113

N 29°17'06" E 307.55'

3/27/02- proposed deck OK

SRV



- Tom Muley 410 848 9588