5/16/00 7/18/00 12pm
Septic C.O.
10.00
7/14/00
1:00
9/11/00
Grading Insp.
9/12/00 2PM SRK
Sediment Control
No Well Checks of 3/29/00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513350

A 58919-A

DISTRICT

05-428203

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

11/14/00
10:00

DATE 3-28-2000

DATE SYSTEM APPROVED 11/16/00

INSPECTOR SRK

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION Lindsey's Landing LOT 1 ROAD 14961 Triadelphia Road

PROPERTY OWNER Andy & Lisa Edleman

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 135 85'

TRENCHES - Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 2 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting at the lot corner at the end of the flagstem driveway, place the distribution box ~~70~~ feet down the 343.61' lot line and ~~180~~ feet off this same lot line. Run trenches on contour to right side of lot. 170'

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 11/22/99 OK AL

PLANS APROVED BY Mark E. Rifkin DATE 10-20-1999

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 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

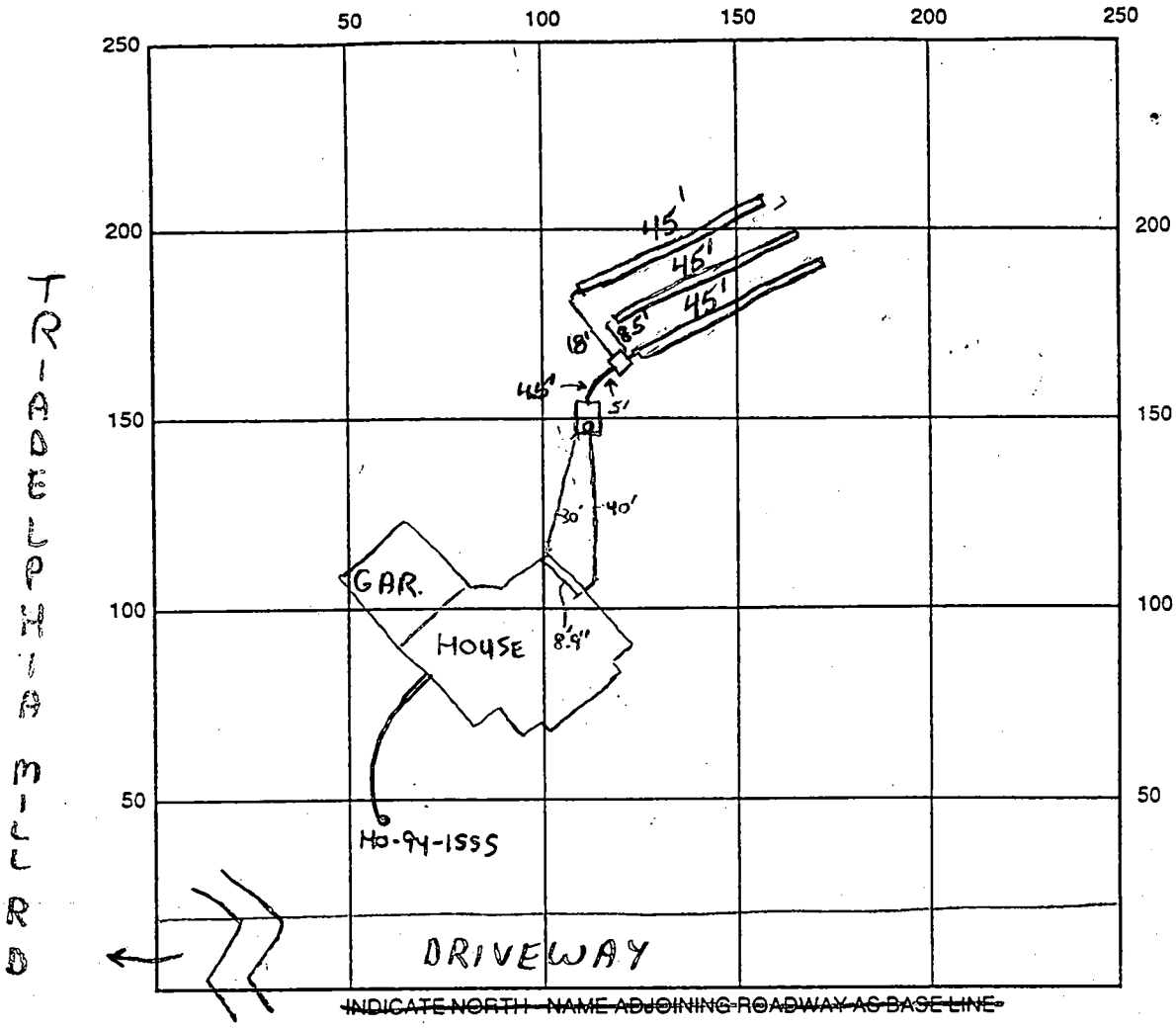
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

HD-260(6-90)

A 58919A

NOT TO SCALE



~~INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE~~

SEPTIC TANK LEVEL ✓ 1000 gallon Top Seam Baffles is in CLEANOUTS 1-6"

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/~~TITLE~~ TILE DEPTH 6.0' FT. TRENCH WIDTH 2.0 FT. INLET DEPTH 2.0 FT.

EFFECTIVE GRAVEL DEPTH 4.0 FT. TOTAL LENGTH 135 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/~~BOTTOM AREA~~ 520 SQ. FT.

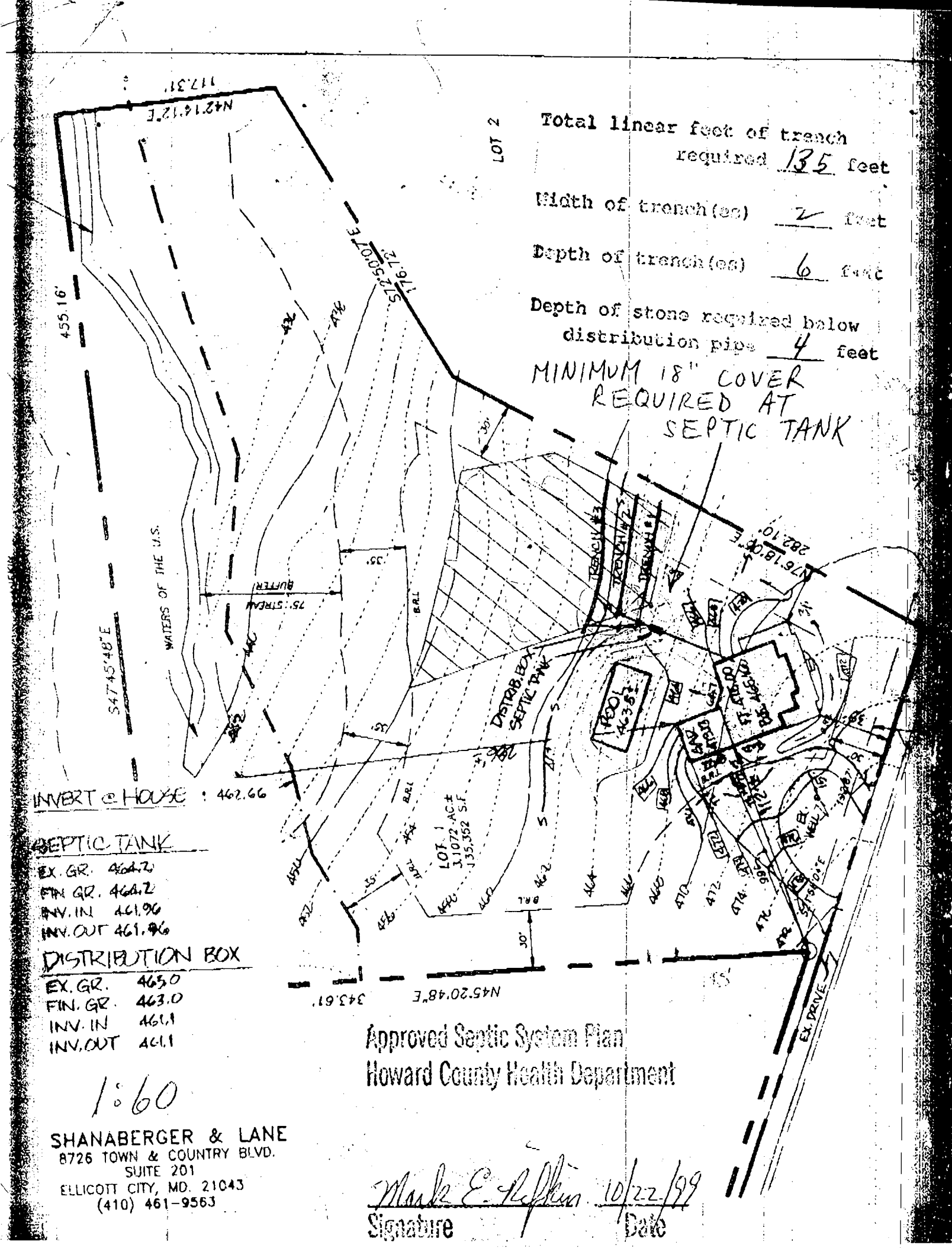
~~DRYWALL~~ DRYWELL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 5/16/00 - CONTOUR IN FIELD IS NOT THE SAME AS ON APPROVED BP PLAN, STOP WORK ORDER ISSUED. BUILDER TO STAKE CORNERS OF SEPTIC AREA AND HAVE SURVEYOR SHOOT GRADES TO SEE IF NEW DBOX LOCATION CAN WORK. CONTRACTOR TO CALL HD WHEN READY TO PROCEED (SRK) 7/14/00 - STOP WORK ORDER ISSUED EXCESS DIRT MUST BE MOVED OUT OF SEPTIC AREA BECAUSE IT PREVENTS INITIAL SYSTEM INSTALLATION (SRK) 7/17/00 - BUILDER moved DIRT SO THAT INITIAL SYSTEM CAN BE INSTALLED BUT DIRT REMAINS IN SEPTIC AREA, NO FINAL UNTIL SEPTIC EASEMENT IS RETURNED TO ORIGINAL GRADES & REINSPECTION CONFIRMS THIS STOP WORK ORDER LIFTED (SRK)

DATE SYSTEM APPROVED 7/16/00 INSPECTOR Steven R. Krieg

7/18/00 - House connection made. Trenches within staked easement area. System satisfactory. O.K. to cover. (BB)



Total linear feet of trench required 135 feet

Width of trench(es) 2 feet

Depth of trench(es) 6 feet

Depth of stone required below distribution pipe 4 feet

MINIMUM 18" COVER REQUIRED AT SEPTIC TANK

1:60

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLICOTT CITY, MD. 21043
(410) 461-9563

Approved Septic System Plan
Howard County Health Department

Mark E. Lafferman 10/22/99
Signature Date

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy Approval.

Company Name: Columbia Plumbing Telephone #: ~~410-715-2303~~
Address: 9017 Red Branch Rd
Columbia, Md 21045
Kevins Cell 443-250-6189

(Must circle one) (Licensed Plumber) Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Kevin C. DiMaggio License# 8594
*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Edleman Telephone #: 410-531-1542
Subdivision: Landsay Landing Lot #: 1 Well Tag #: HO-94-1555
Site Address: 14961 Triadelphia Rd
Glenelg, md 21737

Submersible Pump Data
Make: JACuzzi
Model #: 1SS45138-52
Pump Capacity 7.5 GPM
Well Yield: 10 GPM

Pitless Adapter
Make: Hakwell
Model#: PA800
Depth: 54" (36" min)
NSF approved: YES

Well Cap and Electric Conduit
Two piece watertight cap: ✓
Screened, vented well cap: ✓
Cap secured to casing: ✓
Conduit min 18" B.G.: ✓
Conduit secured to well cap: ✓

Depth of well encountered at time of pump installation: 200 (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or (Cable guards) are required – Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt NO

Piping to house
Type: Poly Plastic
PSI: 200 (160 psi min)
Depth of supply line: 48 (36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration: YES
Approximate length of sleeve: 5'
Sleeve caulked and sealed properly: YES

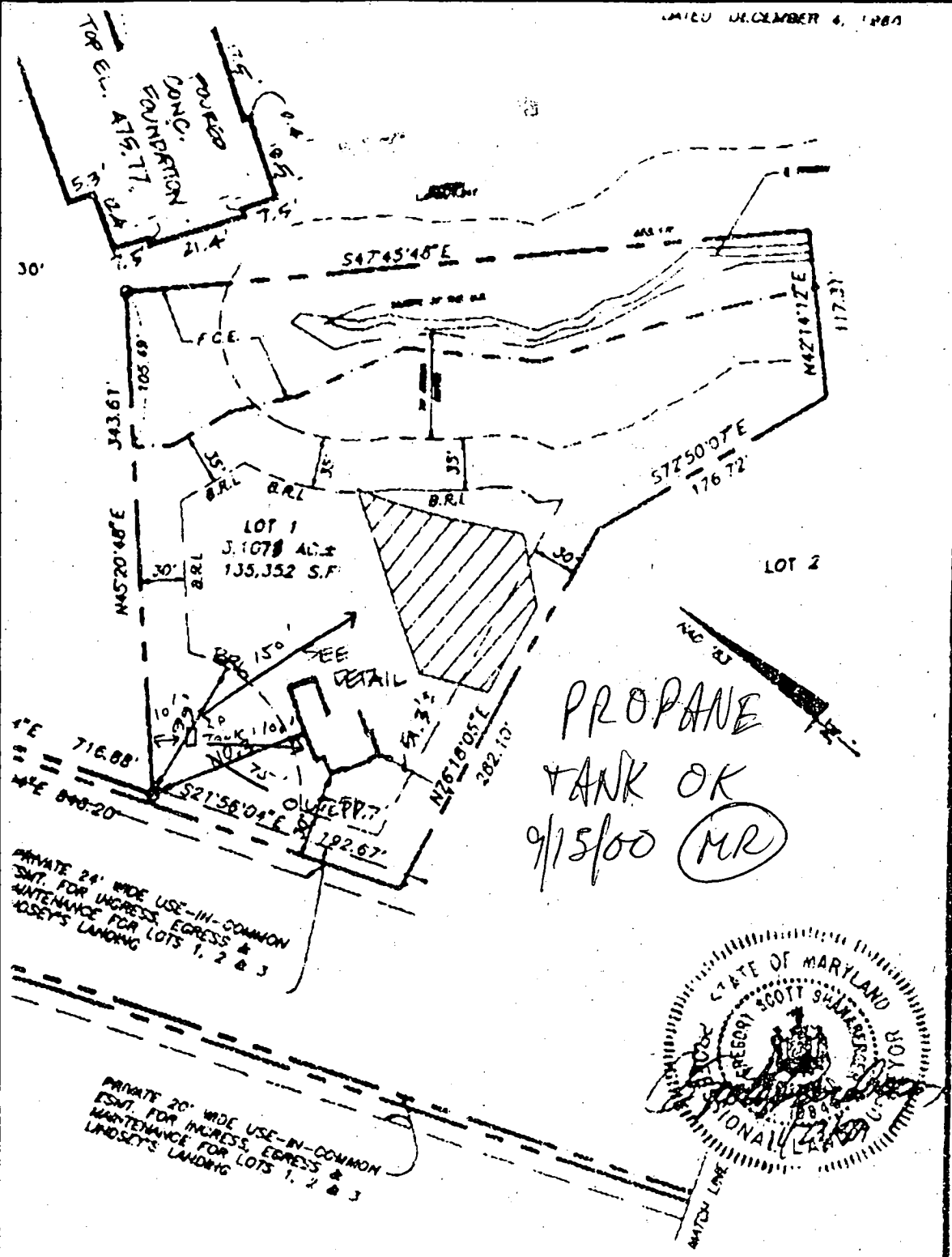
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Kevin C. DiMaggio 11/13/00
Signature of company representative responsible for installation date

For Health Department Use Only – Not to be completed by Installer

Date Insp. Requested: 7/14 & 9/12/00 Date Insp. Approved: 9/12/00 WPION SRH

Inspection Data:
- Pitless adapter and water supply line at least 36" below grade ✓
- Two piece cap installed and attached to casing securely ✓
- Elec. conduit extends at least 18" below grade/attached to cap properly ✓
- Safety rope installed inside of well casing ✓
- Correct well tag attached properly and casing 8" above finished grade ✓
- Water supply line sleeved adequately at house connection ✓
- Adequate grout observed below pitless adapter ✓



INSTALL (1) 1000 GALLON ASME UNDER GROUND LP TANK PER NFPA 58.

TANK IS 10 FT FROM PROPERTY LINE 75' FROM WELL, 100 FT FROM HOUSE & 150 FT FROM SEPTIC

BENEFIT TO A CONSUMER
IS REQUIRED BY A LENDER
COMPANY OR ITS AGENT IN
ONTEMPLATED TRANSFER.
ANCING.
T TO BE RELIED UPON FOR THE ESTABLISHMENT OR
. GARAGES BUILDINGS, POOLS, BUILDING ADDITIONS OR OTHER
IMPROVEMENTS.
NOT PROVIDE FOR THE ACCURATE IDENTIFICATION
ARY LINES, BUT SUCH IDENTIFICATION MAY
OR THE TRANSFER OF TITLE OR SECURING
ANCING.
ILDING MEASUREMENTS: 0.1'
TBACK DIMENSIONS: 0.3'
EVATIONS: 0.5'

THAT I HAVE LOCATED
S SHOWN. THIS PLAT
T A BOUNDARY SURVEY
O TO ESTABLISH
CORNERS.

FOUNDATION LOCATION DRAWING

LOT 1

LINDSEY'S LANDING

5TH ELECTION DISTRICT, HOWARD COUNTY, MD
TAX MAP 27 BLOCK 6 PARCEL 17

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1910
AUTOMATED INFORMATION (410) 313-2900

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B03126208

Building Address 14961 Triadelphia Rd Glenelg, MD 21737

Suite/Apt. #: _____ SDP/WP/Petition #: _____

Census Tract 6051.01 Subdivision Lindsay Landing

Section _____ Area _____ Lot 1

Tax Map 27 Parcel 17 Grid _____

RC DEO
Zoning Map Coordinates Lot size

Property Owner's Name Edelman, Andy & Lisa

Address 6436 Mallow Wind Way

City Columbia State MD Zip Code 21044

Home Phone _____ Work Phone 410-730-7401

Applicant's Name & Mailing Address, (if other than stated hereon):

Phone Fax

Existing Use Single Family Dwelling

Proposed Use SAME with new UST

Estimated Construction Cost $ 35,00.00

Description of Work Install 1 1000 GAL Double UNDERGROUND LP TANK

LIC # 38

Contractor Company Amerigas

Contact Person Thomas R McLaughlin

Address 10097 Baltimore National Pike

City Ellicott City State MD Zip Code 21042

License No. _____

Phone 410-465-0800 Fax

Occupant or Tenant _____

Contact Name _____

Address _____

City _____ State _____ Zip Code _____

Phone Fax

Engineer or Architect Company _____

Contact Person _____

Address _____

City _____ State _____ Zip Code _____

Phone Fax

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics

Height:

No. of stories:

Gross area, sq. ft. per floor:

Use group:

Construction type:
____ Reinforced Concrete
____ Structural Steel
____ Masonry
____ Wood Frame
____ State Certified Modular

Utilities

Water Supply:
___ Public
_X_ Private

Sewage Disposal:
___ Public
_X_ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
___ Full
___ Partial
___ Other Suppression
___ # of Heads

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics

SF Dwelling ☐ SF Townhouse ☐

	Depth	Width
1st floor:		
2nd floor:		
Basement:		

Finished Basement ☐ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms _____

Multi-family dwellings:
No. of efficiency units: _____
No. of 1 BR units: _____
No. of 2 BR units: _____
No. of 3 BR units: _____

Other Structure: _____
Dimensions: _____
Footings: _____
Roof: _____

____ State Certified Modular
____ Manufactured Home

Utilities

Water Supply:
___ Public
_✓_ Private

Sewage Disposal:
___ Public
_✓_ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☒

Sprinkler system: N/A ☐
___ NFPA #13D
___ NFPA #13R
___ Other:

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Thomas R McLaughlin

Applicant's Signature

Print Name Thomas R McLaughlin

Title/Company LSA

Date 5/5/00

Checks payable to: *DIRECTOR OF FINANCE OF HOWARD COUNTY*

** PLEASE WRITE NEATLY AND LEGIBLY **

FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ	9/15/00	M. Kelly
Health		
Fire Protection		

Is Sediment Control approval required prior to issuance? YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START ☐

ONE STOP SHOP ☐

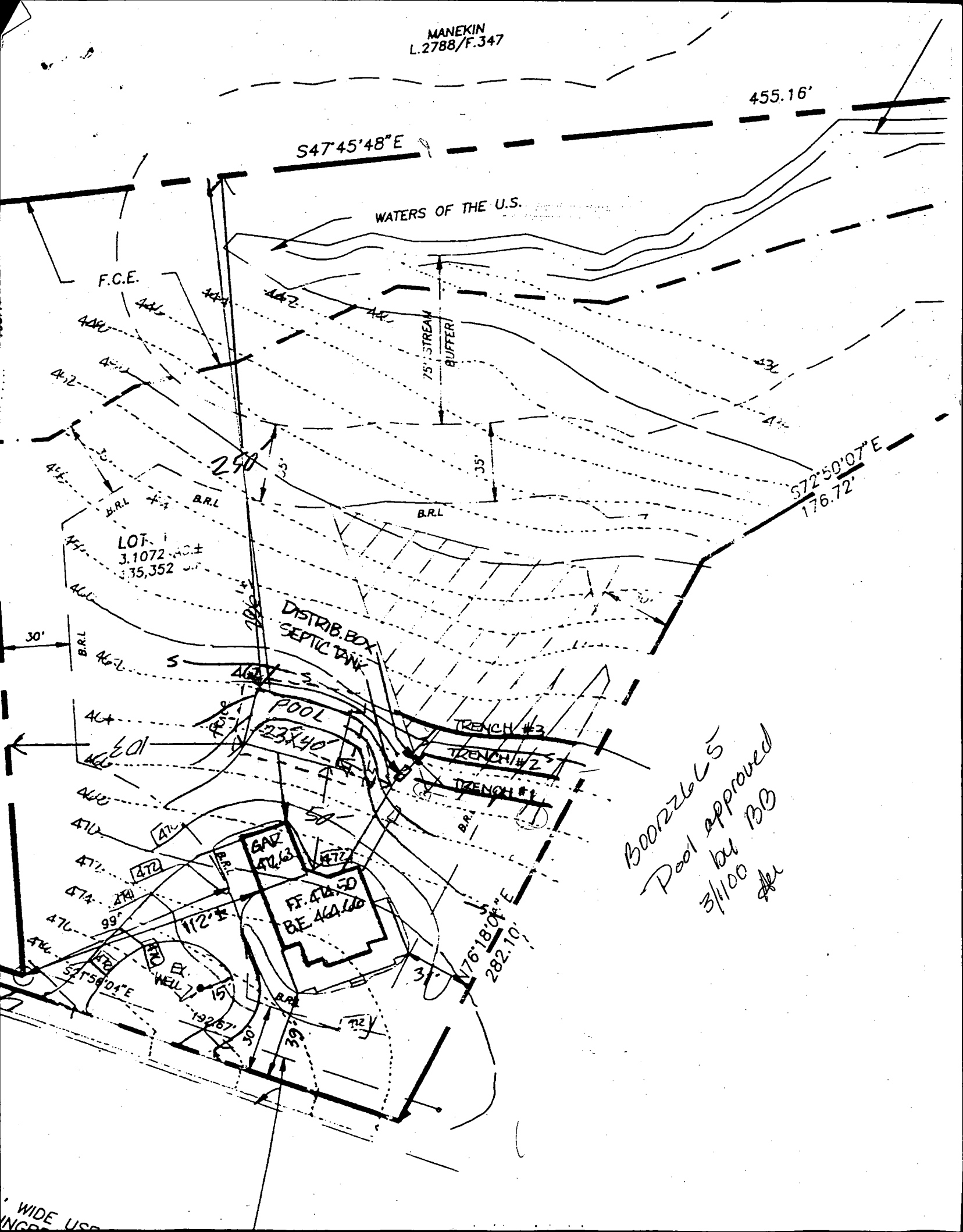
DPZ SETBACK INFORMATION

Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met? YES ☐ NO ☐
Is Entrance Permit required? YES ☐ NO ☐
Historic District? YES ☐ NO ☐
Lot Coverage for NewTown Zone: _____
SDP/Red-line approval date _____ Accepted by _____

PROPERTY ID# _____

Filing fee	$ 1.00
Permit fee	$ 35.00
Excise tax	$ 2.00
Sub-total paid	$
Add'l permit fee	$
TOTAL FEES	$
Balance due	$
Check	#
Validation	#

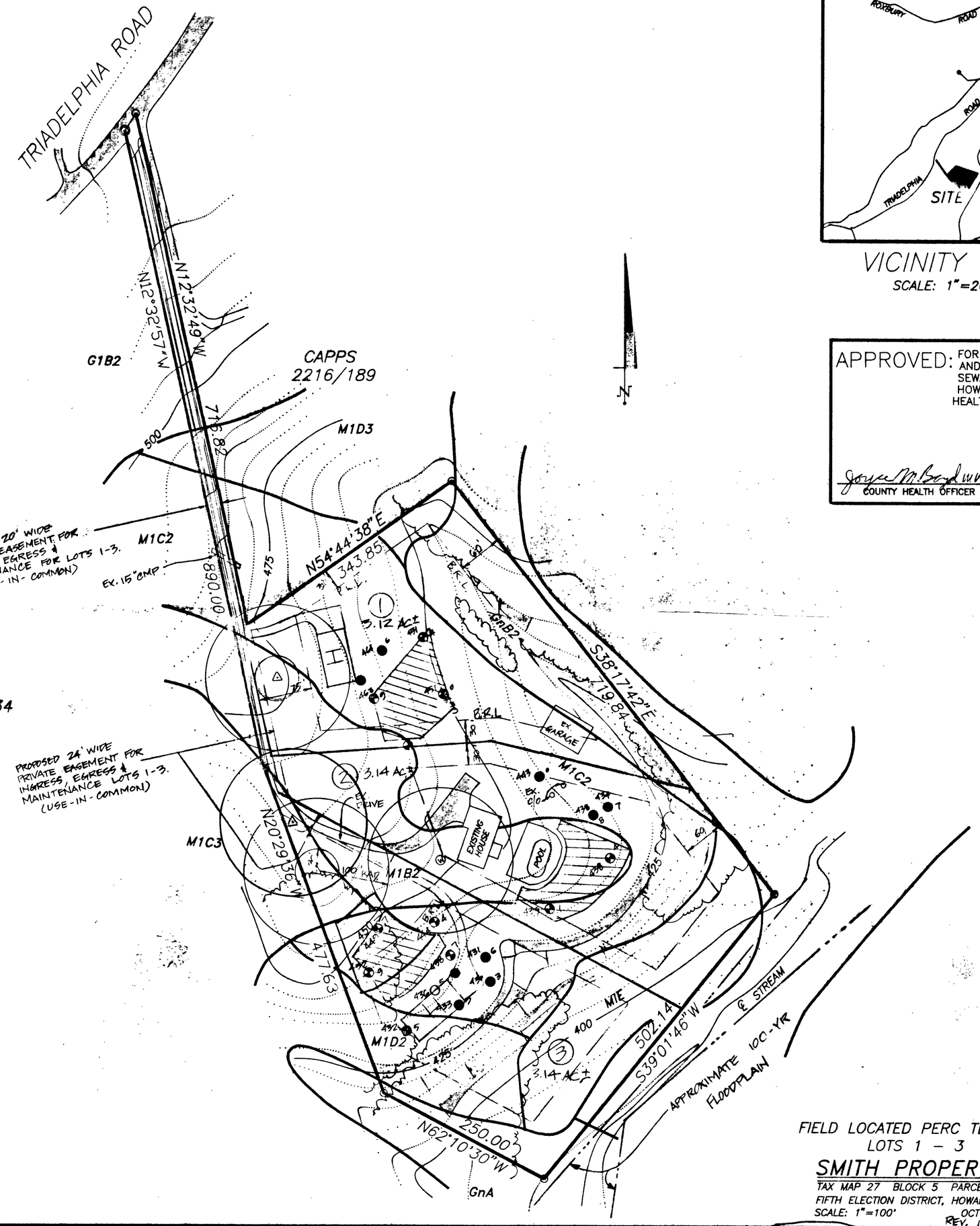
Distribution of Copies: White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA



Boorzels
Pool approved
by BD
3/1/00
ltr

NOTES:

1. SUBJECT PROPERTY IS ZONED RR-DEO.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT.
3. ▨ THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
4. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
5. △ DESIGNATES PROPOSED WELL LOCATION.
6. H DESIGNATES PROPOSED HOUSE LOCATION.
7. ⊕ DESIGNATES APPROVED PERC TEST LOCATION.
8. Ⓦ DESIGNATES EXISTING WELL LOCATION.
9. THERE ARE NO VISIBLE WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY UNLESS OTHERWISE SHOWN HEREON.
10. ● DESIGNATES FAILED PERC TEST
    ○ DESIGNATES PERC NOT DUG
11. GRAVITY SEWER SERVICE IS NOT AVAILABLE FOR LOT 3, A PUMP WILL BE REQUIRED.
12. EXISTING HOUSE WITH POOL ON LOT 2 TO REMAIN.
13. EXISTING GARAGE ON LOT 1 TO REMAIN.
14. WELL ON LOT 3 TO BE DRILLED PRIOR TO HEALTH DEPARTMENT SIGNATURE OF FINAL PLAT.



VICINITY MAP
SCALE: 1"=2000'

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

Joyce M. Boyd WW per Ltr 10/28/97
COUNTY HEALTH OFFICER DATE

STATE OF MARYLAN
PROFESSIONAL LAND
10/7/97

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 104
ELLICOTT CITY, MD. 21043
(410) 461-9563

FIELD LOCATED PERC TEST PLAT
LOTS 1 - 3

SMITH PROPERTY

TAX MAP 27 BLOCK 5 PARCEL 17
FIFTH ELECTION DISTRICT, HOWARD COUNTY, MD.
SCALE: 1"=100' OCTOBER 6, 1997
REV. 10-20-97

REV. 1/14/98 - S.C.D. ENVIRONMENTAL

9835PERC.DWG

9-15-97
10:00 a.m.

APPLICATION

PERCOLATION TESTING

PREVIEW - 3 LOT SUBDIVISION INCLUDES EXISTING HOUSE
PROPOSED SEPTIC AREAS TOO CLOSE TO STREAM (NOT SHOWN)
PLAN REVISION REQ'D PRIOR TO SCHEDULING
8/21/97 Plans received ALM

A 58919A

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 8-19-97

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 ~~Michael Smith~~ Andy + Lisa Edleman

ADDRESS 14965 Triadelphia Rd 21737 PHONE (410) 442-1125

AGENT OR PROSPECTIVE BUYER C&C UTILITY SERVICE - CHUCK ZEPP

ADDRESS 7398 GAITHER RD SYKESVILLE PHONE 410-549-4987
21784

PROPERTY LOCATION:

SUBDIVISION Smith property LOT NO. Lot 1

ROAD AND DESCRIPTION off of triadelphia Rd. on to macadam Drive
(14961 Triadelphia Road)

TAX MAP 27 PARCEL # 17

SIZE OF LOT 3.12 TYPE BLDG. SINGLE FAMILY - 3 Bdrm
(SINGLE FAMILY DWELLING OR COMMERCIAL)

~~BLDG. PERMIT SIGNED~~
AND RETURNED 10-22-97
Septic #B01120769

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. Chuck Zepp
(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

HD-216 (3/92)

58919A
COUNTY #

SOIL PROFILE
(11) / (14)

0'
1'
2.5'
11'4"

topsoil
org brn cl lm
tan to beige sa si lm
15-20% Rx

(12) F

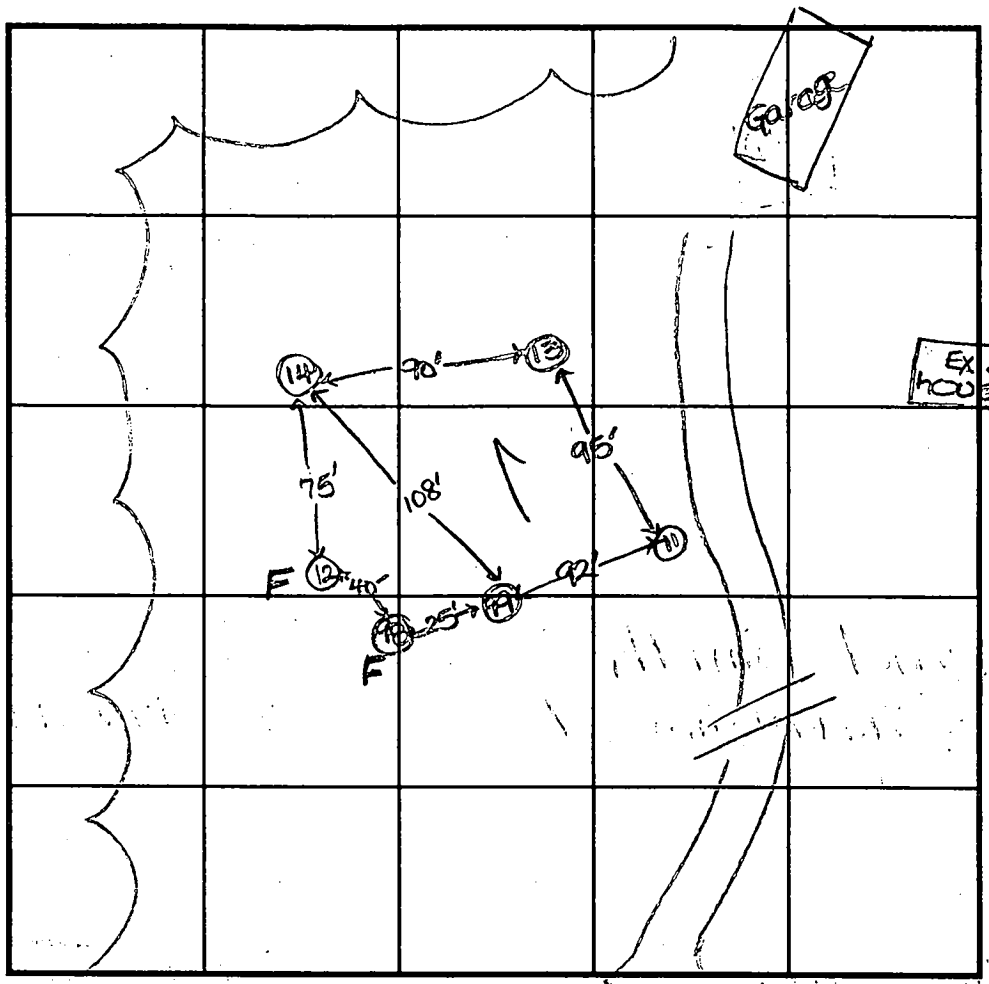
0'
1'
3'
6'
8.5'
11'

topsoil
org brn cl lm
pale org brn to tan sa si lm
lg rock pocket

(13)

0'
1'
2.5'
13'

topsoil
org brn cl lm
tan to beige sa si lm
15%+ Rx



SOIL PROFILE
(98) F

0'
1'
8'

topsoil
org brn cl lm
lt org brn sa si lm w/frags
Hard bottom

(99)

0'
1'
3'
7'
7.5'
12'

topsoil
org brn cl lm
pale red org brn sa si lm
Rx perch

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Triadelphia Road

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
9-15-97	11	3.0'S	11:07$_3$	11:08	11:08	11:09$_3$	2
		11'4"D	visual	- see	profile	→	OK
	12	11.0'D	visual	- see	profile	→	FAIL
	13	3.0'S	11:39	11:40$_3$	11:40$_3$	11:42$_3$	2
		6.5' M	11:37	11:37$_3$	11:37$_3$	11:39	2
		13.0'D	visual	- see	profile	→	OK
	14	3.0'S	11:14	11:16$_3$	11:16$_3$	11:20	4
		12.0'D	visual	- see	profile	→	OK
	98	8.0'D	Hard	bottom			FAIL
	99	12.0'D	visual				OK

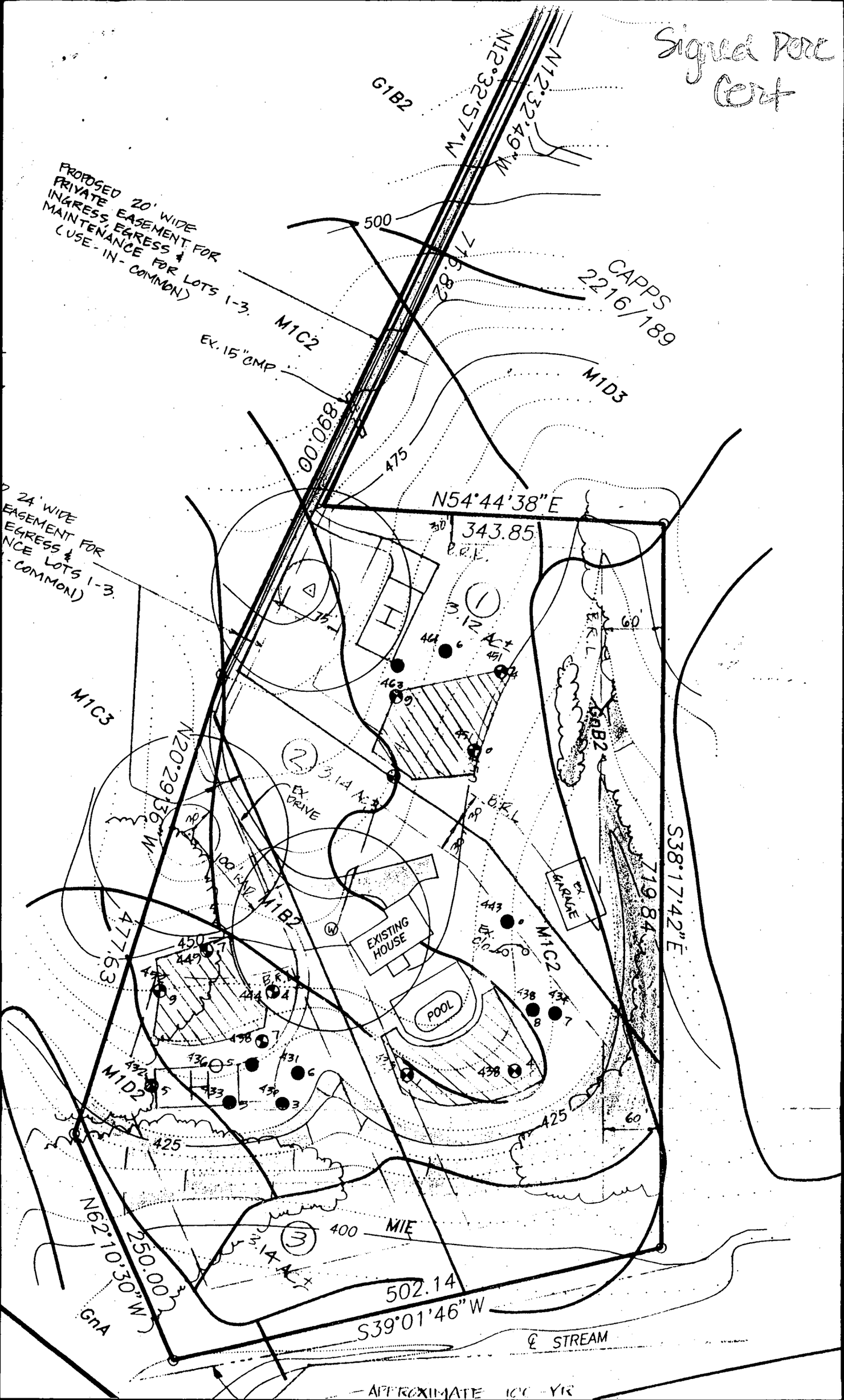
REMARKS use test holes (11), (13), (14), (99) - extend off (11) and (13)

TYPE OF SOIL

TESTED BY D. Soe ALSO PRESENT C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 TRENCH WIDTH 2

INLET DEPTH 2.0 MAXIMUM BOTTOM DEPTH 6.0 SQ. FT/BEDROOM 180


Signed Pore Cert
N12°32'57"W
N12°32'49"W
G1B2
PROPOSED 20' WIDE PRIVATE EASEMENT FOR INGRESS, EGRESS & MAINTENANCE FOR LOTS 1-3. (USE-IN-COMMON)
500
CAPPS 2216/189
M1C2
EX. 15" CMP
M1D3
00.068'
475
N54°44'38"E
343.85
P.O.B.
24' WIDE EASEMENT FOR EGRESS & NCE LOTS 1-3. -COMMON)
M1C3
3.12 AC±
60'
E.R.L.
G1B2
N20°29'56"W
3.14 AC±
EX. DRIVE
7' B.R.L.
S38°17'42"E
719.84'
100' R.W.
M1B2
EXISTING HOUSE
EX. GARAGE
M1C2
POOL
M1D2
425
400
MIE
3.14 AC±
N62°10'30"W
250.00'
502.14
S39°01'46"W
GnA
℄ STREAM
APPROXIMATE 100 YR

UE OF 8%. THE ...
T EXCEED 8%.
– WHERE ONE (1) DRIVEWAY SERVES MORE THAN ONE (1)
EWAYS), A HOUSE NUMBER SIGN MUST BE PLACED AT EACH
A RANGE OF STREET ADDRESS HOUSE NUMBERS SIGN WHERE
WAY INTERSECTS WITH THE MAIN ROAD.
– CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1' DEPTH OVER
EMPT FROM STORMWATER MANAGEMENT REQUIREMENTS BECAUSE
ER THAN TWO ACRES.
OR CONSTRUCTION IS PERMITTED WITHIN STREAM BUFFERS OR 100-YEAR

OVED PERC TEST.
PERC TEST.
ATION OF 100-YEAR FLOODPLAIN

OF THE DESIGN MANUAL, VOLUME III (SUBJECT ... USE-IN-COMMON DRIVEWAY WITHIN A 20 FOOT EASEMENT FROM COORD. PTS. 73 & 74 TO PT. 13).

20. THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT, HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.

copy of signed final F-98-100

MANEKIN L.2788/F.347

LOT 35 THE WARFIELDS PLAT #9508

(11) 1-1/2" PIPE FOUND

(14) 1-1/2" PIPE FOUND

℄ STREAM

S47°45'48"E 721.46'

455.16'

WATERS OF THE U.S.

F.C.E.

343.61'

105.49'

75' STREAM BUFFER

N42°14'12"E 117.31'

266.30'

N29°57'57"E 201.68'

16.55'

105.68'

FOREST CONSERVATION EASEMENT, F-1 1.5278 AC.± (RETENTION)

S72°50'07"E 176.72'

N45°20'48"E 238.12'

LOT 1
3.1073 AC.±
135,352 S.F

LOT 2
3.1424 AC.±
136,882 S.F

631.45'

430.66'

N572,750

E1,305,500

WATERS OF THE U.S.

501.68'

1" BENT PIPE FOUND

(13)

S21°56'04"E 192.67'

N76°18'05"E 282.10'

281.5'

S71°28'26"E

S29°52'51"E 40.00'

S47°57'22"E 29.71'

145.00'

LOT 3
3.1500 AC.±
137,214 S.F

785.00'

168.00'

268'

68.65'

231.12'

N29°52'51"W 476.67'

E1,304,900

N572,750

(17) PIN & CAP SET

(18) PIN &

(20) 1-1/2" FOUND

FOREST CONSERVATION EASEMENT, F-2 0.8409 AC.± (RETENTION)

232.80'

N71°39'44"W 249.80'

176.90'

300.00'

75' STREAM BUFFER

17.00'

99'

20'

30'

35'

B.R.L

A 392.8
B 391.4
C 390.4
D 390.4
E 389.4
F 387.9
G
H 387.0

PRIVATE 24' WIDE USE-IN-COMMON ... MT. FOR INGRESS, EGRESS & ...NTENANCE FOR LOTS 1, 2 & 3 ...EY'S LANDING

OODPLAIN
& DIST.
61.85'
48.81'

23. DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES, AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION EASEMENT" LOCATED IN, OVER AND THROUGH LOTS 1 THROUGH 3, OR ... CONSERVATION EASEMENT.

W.S.S.C.

C 1 05009 — SEQUENCE NO. (MDE USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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.

COUNTY NUMBER A589197A

ST/CO USE ONLY
DATE Received MM DD YY

DATE WELL COMPLETED 8 M 18 D 98 Y

Depth of Well 205 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1555

OWNER Smith (last name) Mike (first name)
STREET OR RFD Mitchell Rd
SUBDIVISION Mitchell
TOWN Dayton
SECTION
LOT 1

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	check if water bearing
dirt	0	40	
med tan rock	40	56	
med hard gray rock	56	61	
soft brown rock	61	62	
med hard gray rock	62	69	
soft brown rock	69	70	
med hard gray rock	70	102	
soft tan rock	102	103	x
med hard gray rock	103	171	
med tan rock	171	173	x
med hard gray rock	173	180	
med gray rock	180	181	
med hard gray rock	181	205	

NUMBER OF UNSUCCESSFUL WELLS 0

WELL HYDROFRACTURED yes Y no 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. M W D 304
David Kelly
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. M D
John Hess

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y no N

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT CM — BENTONITE CLAY BC

NO. OF BAGS ____ NO. OF POUNDS 50
GALLONS OF WATER ____

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. TOP to 64 ft. BOTTOM (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
- ST STEEL
- CO CONCRETE
- PL PLASTIC
- OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	6	56

OTHER CASING (if used) — EACH CASING

	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below
- ST STEEL
- BR BRASS
- BRONZE
- PL PLASTIC
- HO OPEN HOLE
- OT OTHER

DEPTH (nearest ft.)

EACH SCREEN		
1	HO 64	205
2		
3		

SLOT SIZE 1 ____ 2 ____ 3 ____
DIAMETER OF SCREEN ____ (NEAREST INCH)

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

from	to

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
TELESCOPE CASING
LOG INDICATOR
OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 9.09 timer
METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)
BEFORE PUMPING 35 ft.
WHEN PUMPING 199 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

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (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)

PUMP HORSE POWER

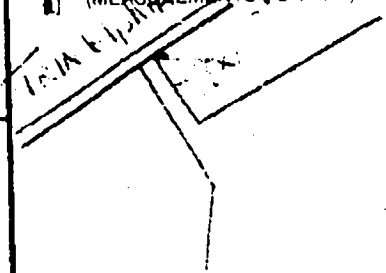
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)
- + above LAND SURFACE
- − below

21 (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)

N



EMERGENCY/TEMP NO. IF ANY

B 1 | 0458 | SEQUENCE NO. (MDE USE ONLY)

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: HO-94-1555 (70 79)

fill in this form completely

Date Received (APA): 5-15-98 (8 MM DD YY 13)

OWNER INFORMATION

Smith (15 Last Name) Mike (Owner First Name 34)

14965 TRIDELPHIA Rd (36 Street or RFD 55)

Glenelg Md 21737 (57 Town 70 State 72 Zip 76)

DRILLER INFORMATION

David Kelly (Driller's Name 76) MD 304 (License No. 81)

Jones Well Drilling Inc (Firm Name) 21084

3700 Rush Rd Darrettsville (Address)

David Kelly (Signature) 5-14-98 (Date)

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 4 (8 12)

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 400 (14 20)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- 22 [I] INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- [P] PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)
- [T] TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL: 280 FEET (24 28)

APPROXIMATE DIAMETER OF WELL: 6 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 DEEPENED 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
- 39 [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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 (52)

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

APPROP. PERMIT NUMBER: G A P (54 63)

FORCE: DS (67 68) WRITE INITIALS IN BOX

PERMIT No. HO-94-1555 (70 71 72 73 74 75 76 77 78 79)

B 3 LOCATION OF WELL

Howard County (8 COUNTY 21)

Smith Property (23 SUBDIVISION) LINDSEY'S LANDING

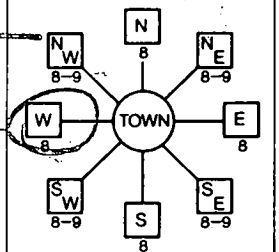
SECTION (44 46) LOT 1 (48 50)

Dayton (52 NEAREST TOWN 71)

MILES FROM TOWN (enter 0 if in town): 4 M I (73 76 77 78)

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Tridelphia Rd (11 NEAR WHAT ROAD 30)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH (N) WEST (W) (32) EAST (E) SOUTH (S)

Approx 800 (34 37) DISTANCE FROM ROAD

ENTER FT OR MI (38 39) FT

TAX MAP: ____ BLK: ____ PARCEL ____

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard (COUNTY NAME) A 589/94 (COUNTY NO.)

STATE SIGNATURE ____ INSERT S → (41)

DATE ISSUED 5/26/98 (43 MM DD YY 48) CO SIGNATURE ____ EXP. DATE 5/25/99

NORTH GRID 512 000 (50 55) EAST GRID 0793 000 (57 63)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 790

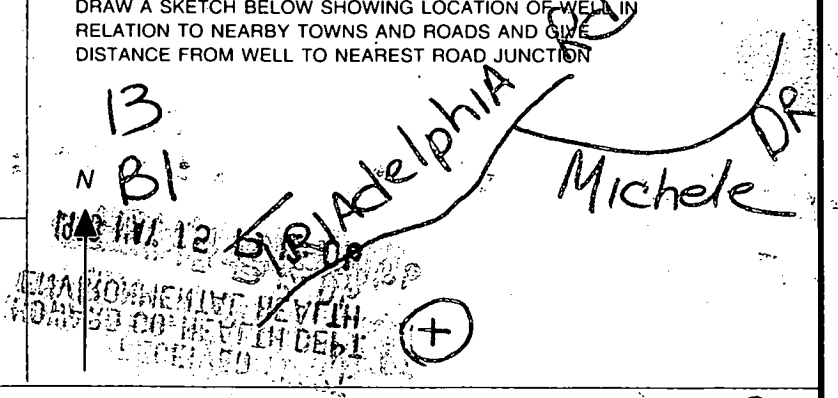
N 510

10:00 grout 6-16-98

66' casing
66 open hole
20 bags cement
location OK
6/16/98 DS

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

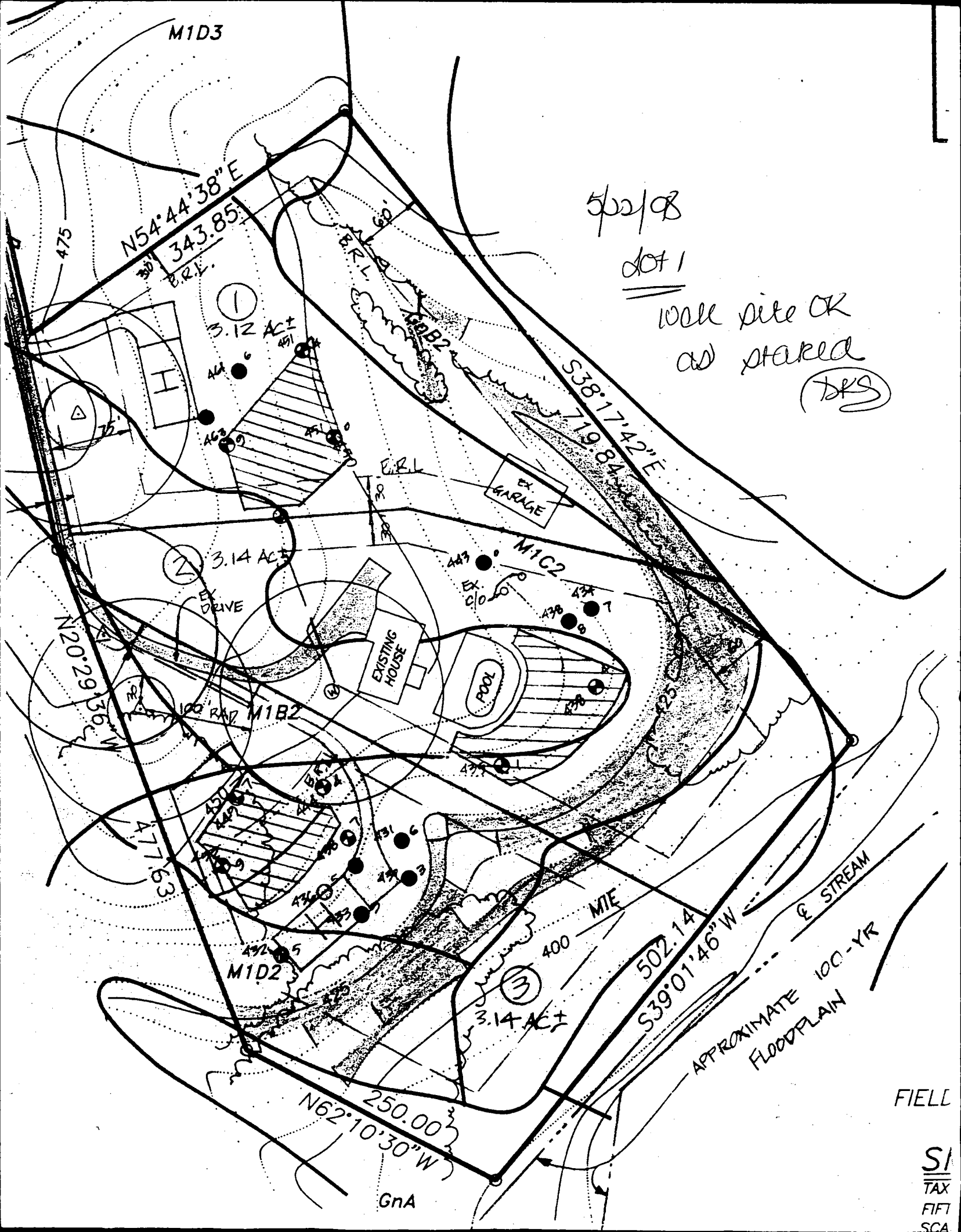


SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

410-442-1125

COUNTY


M1D3
N54°44'38"E
343.85'
B.R.L.
475
60'
B.R.L.
M1B2
S38°17'42"E
719.84'
1
3.12 AC±
H
75'
B.R.L.
30'
EX GARAGE
M1C2
2
3.14 AC±
EX DRIVE
EXISTING HOUSE
POOL
EX C/O
N20°29'36"W
100' RAD
M1B2
A
77.63'
M1D2
3
3.14 AC±
400
M1E
502.14
S39°01'46"W
℄ STREAM
APPROXIMATE 100-YR FLOODPLAIN
N62°10'30"W
250.00
GnA
5/22/98
LOT 1
Well site OK as staked
DKS
FIELD
SI
TAX
FIFT
SCA