

10/29/01 Layout 11AM

10/31/01 Final

03-321517

ISSUE DATE: 11:00 10/26/2001

APPROVAL DATE: 10/31/01

PERMIT

P 516094

A 49980-B

INDEXED

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

Barnard Brothers Construction IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 1612 Brittle Branch Way, 21797 PHONE NUMBER: 410-489-7621

SUBDIVISION: Bandel Property LOT NUMBER: 1

ADDRESS: 12875 Triadelphia Road PROPERTY OWNER: Donald Bandel

SEPTIC TANK CAPACITY (GALLONS): 1250

PUMP CHAMBER CAPACITY (GALLONS): N/A

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 240

LINEAR FEET OF TRENCH REQUIRED: 320

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Starting at the bend in the right lot line, place the distribution box 10' down the (rear) right lot line and 130' off this same lot line. Run (3) trenches on contour toward right side of lot as shown on plan.
NOTES:	Proposed dwelling has two bedrooms, but the septic system is sized for four bedrooms based on the builder's report of a future 2-Br addition.

PLANS APPROVED: MER OK/MR DATE: 9/18/01

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

44980-B

NOT TO SCALE

TRENCH DATA

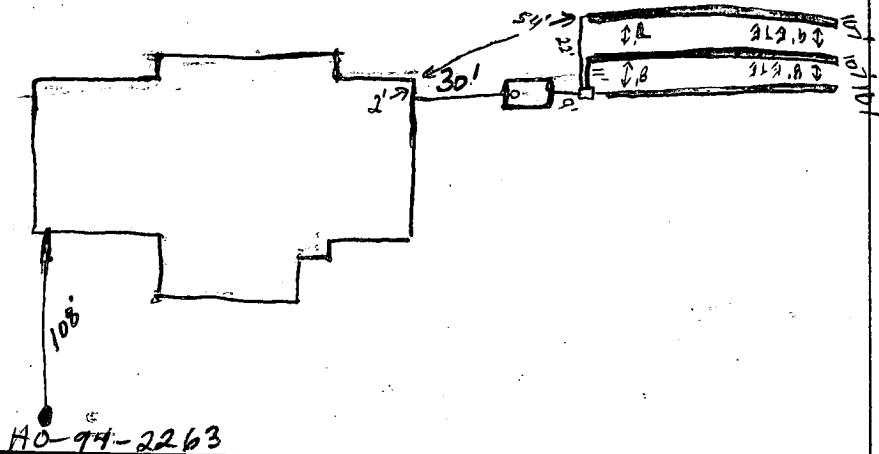
TRENCH WIDTH 3'
TRENCH INLET DEPTH 3.5'
TRENCH BOTTOM DEPTH 5.5'
DEPTH OF STONE 2'
NUMBER OF TRENCHES 3
TOTAL TRENCH LENGTH 321'
ABSORBENT AREA 963 ϕ
DISTRIBUTION BOX LEVEL ✓
BAFFLE IN DISTRIBUTION BOX ✓

SEPTIC TANK DATA

SEPTIC TANK 1250 TS GALLONS
MANHOLE RISER _____
6 INCH INSPECTION PORT 1.5'

PUMP CHAMBER DATA

~~PUMP CHAMBER GALLONS _____~~
~~MANHOLE RISER _____~~
~~ALARM _____~~
~~PUMP PERFORMANCE TEST _____~~



Triadelphia Road
PRE-CONSTRUCTION INSPECTION: 10/29/01 To install as per B.P. plan. (BB)

INSPECTION COMMENTS: 10/29/01 Tank set. Well casing only around 4" above grade, but grade is to be changed. (BB) OK to cover all work. Signed from T (BB) 10/31/01 Note - well grating not changed (BB)

INSPECTOR [Signature] DATE SYSTEM APPROVED 10/31/01

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS 3430 COURT HOUSE DRIVE ELLCOTT CITY, MD 21043 PERMITS (410)313-2455 INSPECTIONS (410)313-1810 AUTOMATED INFORMATION (410) 313-3800	HOWARD COUNTY PERMIT APPLICATION	PERMIT NUMBER B00132151
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Building Address <u>12875 Triadelphia Rd. Ellicott City, MD 21042</u>	Property Owner's Name <u>Donald Boudel</u>
Suite/Apt. #: _____ SDP/WP/Petition #: _____	Address <u>14070 Stephens Valley Court</u>
Census Tract <u>603000</u> Subdivision <u>Bandel Property</u>	City <u>Glenwood</u> State <u>MD</u> Zip Code <u>21238</u>
Section <u>NA</u> Area <u>NA</u> Lot <u>1</u>	Home Phone <u>(410) 442-2254</u> Work Phone <u>NA</u>
Tax Map <u>22</u> Parcel <u>20</u> Grid <u>10</u>	Applicant's Name & Mailing Address, (if other than stated hereon): <u>NA</u>
Zoning <u>RL</u> Map Coordinates <u>10B8</u> Lot size <u>5,004 Ac</u>	Phone _____ Fax _____
Existing Use <u>Variant lot</u>	Contractor Company <u>Barnard Bros. Const. Co. Inc.</u>
Proposed Use <u>SFD</u>	Contact Person <u>Garry Barnard</u>
Estimated Construction Cost \$ <u>175,000.00</u>	Address <u>1612 Brittle Branch Way</u>
Description of Work <u>Construct 1 1/2 story Cape Cod with attached 2-car garage and Gas fireplace and 10' x 28' covered rear porch</u>	City <u>Woodbridge</u> State <u>MD</u> Zip Code <u>21292</u>
Occupant or Tenant <u>Same as Owner</u>	License No. <u>MHB# 104</u>
Contact Name _____	Phone <u>(410) 488-7621</u> Fax <u>(410) 488-7621</u>
Address _____	Engineer or Architect Company _____
City _____ State _____ Zip Code _____	Contact Person _____
Phone _____ Fax _____	Address _____
	City _____ State _____ Zip Code _____
	Phone _____ Fax _____

BUILDING DESCRIPTION - COMMERCIAL		BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities	Building Characteristics	Utilities
Height: _____	Water Supply: _____ Public _____ Private _____	SF Dwelling ☒ SF Townhouse ☐	Water Supply: _____ Public _____ Private ☒
No. of stories: _____	Sewage Disposal: _____ Public _____ Private _____	1st floor: _____ 2nd floor: _____ Basement: _____	Sewage Disposal: _____ Public _____ Private ☒
Gross area, sq. ft. per floor: _____	Electric Yes ☐ No ☐ Gas Yes ☐ No ☐	Finished Basement ☐ Unfinished Basement ☒	Electric Yes ☐ No ☐ Gas Yes ☐ No ☐
Use group: _____	Heating System: _____ Electric ☐ Oil ☐ Natural Gas ☐ Propane Gas ☐	Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	Heating System: _____ Electric ☒ Oil ☐ Natural Gas ☐ Propane Gas ☒
Construction type: _____ Reinforced Concrete _____ Structural Steel _____ Masonry _____ Wood Frame _____	Sprinkler system: N/A ☐ Full _____ Partial _____ Other Suppression _____ # of Heads _____	Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____	Sprinkler system: N/A ☒ NFPA #13D _____ NFPA #13R _____ Other: _____
State Certified Modular _____		State Certified Modular _____ Manufactured Home _____	

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.

<u>Garry M. Barnard</u> Applicant's Signature	<u>Garry M. Barnard</u> Print Name
<u>Barnard Bros. Const. Co. Inc.</u> Title/Company	<u>8/28/01</u> Date

Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
** PLEASE WRITE NEATLY AND LEGIBLY. **

AGENCY	DATE	SIGNATURE APPROVAL	DPZ SETBACK INFORMATION	PROPERTY ID#
Land Development, DPZ			Front: _____	52008
State Highways			Rear: _____	Filing fee \$ <u>100</u>
Building Official			Side: _____	Permit fee \$ _____
Dev. Engineering, DPZ			Side St: _____	Excise tax \$ _____
Health	<u>9/18/01</u>	<u>Mark R. Rafter</u>	All minimum setbacks met? YES ☐ NO ☐	Add'l per. fee \$ _____
Fire Protection			Is Entrance Permit required? YES ☐ NO ☐	TOTAL FEES \$ _____
Is Sediment Control approval required prior to issuance?			Historic District? YES ☐ NO ☐	Sub-total paid \$ _____
YES ☒ NO ☐			Lot Coverage for New Town Zone _____	Balance due \$ _____
CONTINGENCY CONSTRUCTION START: ☐			SDP/Red-line approval date _____	Check # <u>9843</u>
ONE STOP SHOP: ☐				Validation # <u>44557</u>

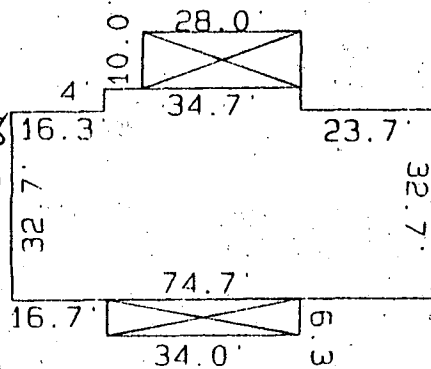
Distribution of Copies: White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

(A) = Prop. 4 Bedroom, 1 1/2 Story, Cape Cod House
 F.F.E. = 572.0
 Gar. Elev. = 569.5
 B'smt. Elev. = 562.0
 Inv. Elev. = 566.1

(B) = Prop. Septic Tank
 Ex. Elev. = 567.9
 Inv. In = 565.7
 Inv. Out = 565.4
 565.0

(C) = Prop. Dist. Box
 Ex. Elev. = 568.0
 Inv. Elev. = 564.8

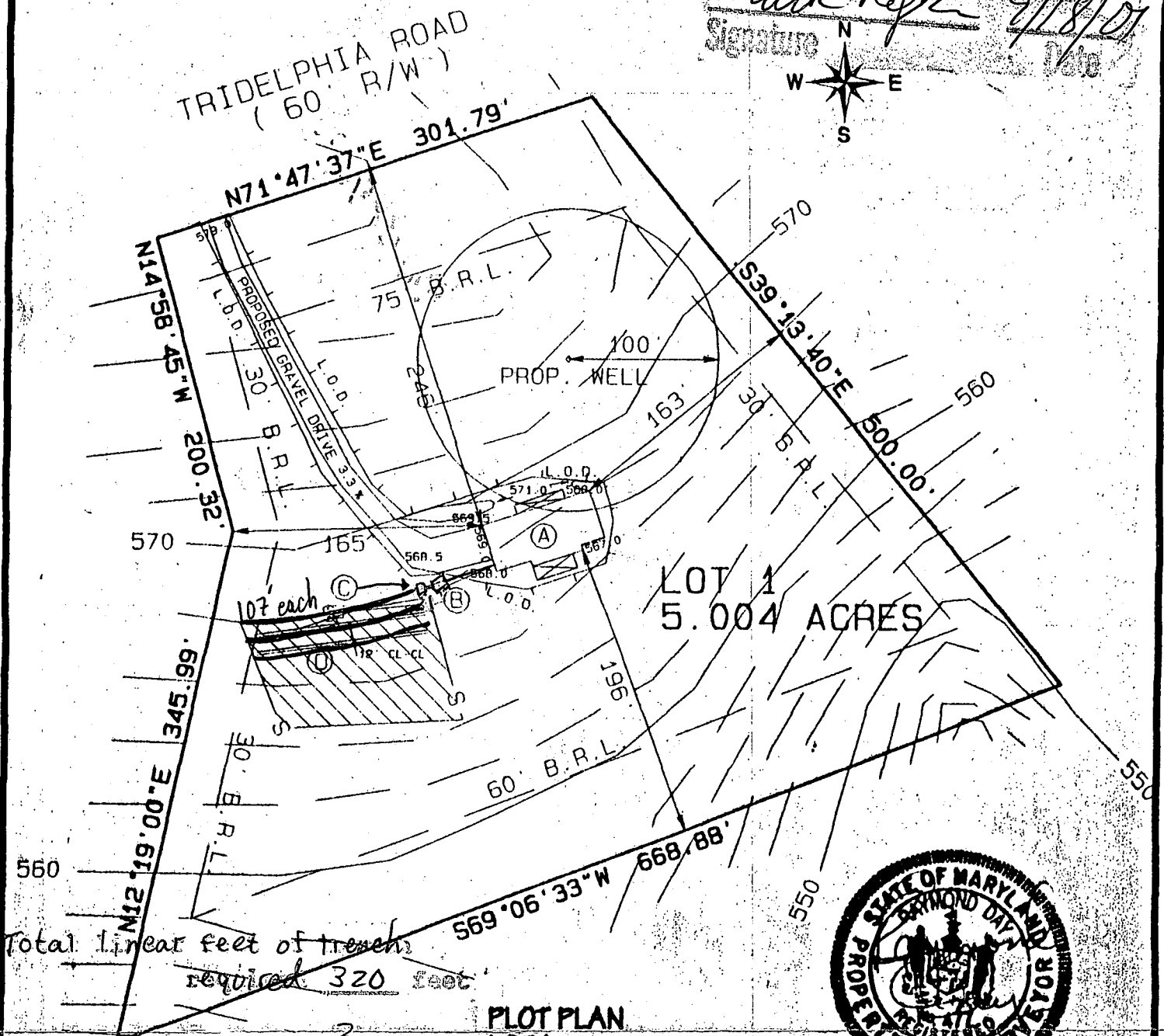
(D) = Prop. Trenches
 Inv. Elev. = 564.5
 Length to be determined
 at time of septic permit
 issuance.



HOUSE DETAIL
 (N.T.S.)

Approved Septic System Plan
 Howard County Health Department

Mark R. R. 2/18/01
 Signature
 N
 W E
 S



Total linear feet of trench
 required 320 feet

Width of trench(es) 3 feet
 Depth of trench(es) 5.5 feet
 Depth of stone required below
 distribution pipe 2.0 feet

PLOT PLAN
 LOT 1
 BANDEL PROPERTY
 12875 TRIDELPHIA ROAD
 ELECTION DISTRICT No. 3
 SCALE: 1" = 100' AUGUST 2001
 OWNER: DONALD BANDEL
 BUILDER: BARNARD BROTHERS CONSTRUCTION CO.



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN
 ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND
 RECORDS OF HOWARD COUNTY, MARYLAND, AS
 REFERENCED HEREON.

REFERENCE JOB NO.
 Plat No. 12408

RAYMOND J. DAY
 LAND SURVEYOR
 65 DRIFTWOOD DRIVE
 SWANTON, MARYLAND 21561
 301-387-8573

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2500 FAX: (410)313-3440**

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 completed form is required prior to use and occupancy approval.

Company Name: K.H. Plumbing Telephone: 410-857-0255
Address: 4700 Wisc. Dr.
Westminster, MD 21158

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation: _____

Name (Print): Keith Hundertmark License # 8300
*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. Licensee may be subjected to field verification.

Name of Property Owner: Ronald Barden Telephone: 410-492-2758
Subdivision: Bend Property Lot #: 1 Well Tag #: HO-94-2263
Site Address: 12875 Tridell Rd.
Ellicott City, MD 21042

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Hydramatic</u>	Make: <u>Hydramatic</u>	Two piece watertight cap: <u>✓</u>
Model: <u>1154S-1152</u>	Model: <u>P100</u>	Screened, vented well cap: <u>✓</u>
Pump Capacity: <u>5</u> GPM	Depth: <u>42</u> (36" min)	Cap secured to casing: <u>✓</u>
Well Yield: <u>1.2</u> GPM	NSF approved: <u>✓</u>	Conduit min 1/2" B.G. <u>✓</u>
Depth of well encountered at time of pump installation: <u>420</u> (feet)		Conduit secured to well cap: <u>✓</u>
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.4.4		
Torque wrench on cable glands is required - Must circle one		
Safety rope, if used, attached to top of well casing with eye bolt: <u>✓</u>		

Piping to House Type: PVC (105-DE 3408) **House Connection** ✓
PS: 160 (160 ps. min) ✓ PVC placed to undisturbed soil at full penetration
Depth of supply line: 42 (35" min) ✓ Approximate length of sleeve: 6
Sleeve caulked and sealed properly: ✓

The water supply line is required to be at least two 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.

Signature of Company representative responsible for installation: Keith Hundertmark Date: 12-27-01

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

Date Insp Requested: 10/31/01 Date Insp. Approved: 11/7/01 (50)
Inspection Data: Pitless adapter and water supply line at least 16" below grade ✓
Two piece cap installed and attached to casing securely ✓
Elec. conduit extends at least 6" below grade/attached to cap properly ✓
Safety rope installed inside of well casing ✓
Correct well tag attached properly and casing 6" above finished grade ✓
Water supply line sleeved adequately at house connection ✓
Adequate ground observed below pitless adapter ✓

C1 06761

SEQUENCE NO.
(MDE USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER A49980-B1 2 3 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)ST/CO USE ONLY
DATE Received
MM DD YY
8 13

DATE WELL COMPLETED

MM DD YY
01 01 99

Depth of Well

22 480 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-94-2263
28 29 30 31 32 33 34 35 36 37OWNER Bandel Donald
STREET OR RFD Triadelphia Road TOWN W Friendship
SUBDIVISION Bandel Property SECTION 1 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		check if water bearing
	FROM	TO	
Dirt	0	1	
Clay & Br. Mica	1	3	
Soft Br. Mica	3	52	
Hard Blue Schist	52	55	
Soft Br. Mica	55	64	
Soft Blue & Br. Mica Schist	64	84	X
Hard Blue & Br. Mica Schist	84	136	
Hard Blue Schist	136	154	
Hard Blue Schist w/ Blue Sandstone	154	234	
Blue Mica Schist	234	235	X
Hard Blue Mica Schist w/ mixed Sandstone	235	265	
Hard Blue Mica Schist	265	480	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)YES ☒ Y NO ☐ N
44 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT ☒ CM BENTONITE CLAY ☐ BCNO. OF BAGS ^{45 46} 30 NO. OF POUNDS ^{45 46} 2720

GALLONS OF WATER 180

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 86 ft.
48 TOP 52 54 BOTTOM 58
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below☒ ST ☐ CO
STEEL CONCRETE
☐ PL ☐ OT
PLASTIC OTHERMAIN CASING TYPE ☒ ST
Nominal diameter top (main) casing (nearest inch) 6
Total depth of main casing (nearest foot) 87
60 61 63 64 66 70OTHER CASING (if used)
EACH CASING diameter depth (feet)
inch from to

SCREEN RECORD

screen type
or open hole(insert
appropriate
code
below)☒ ST ☐ BR ☐ HO
STEEL BRASS OPEN
BRONZE HOLE
☐ PL ☐ OT
PLASTIC OTHER

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. 1 MWD 296

Ronald Kyker

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 MWD 334

SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)GRAVEL PACK
IF WELL DRILLED
WAS FLOWING WELL
INSERT F IN BOX 68MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 1.2

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 49 ft.

WHEN PUMPING 369 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 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 29CAPACITY:
GALLONS PER MINUTE
(to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH
(nearest ft.) 43 47CASING HEIGHT (circle appropriate box
and enter casing height)☒ + above ☐ - below
LAND SURFACE 49 51 (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)

12875 Triadelphia Road

COUNTY

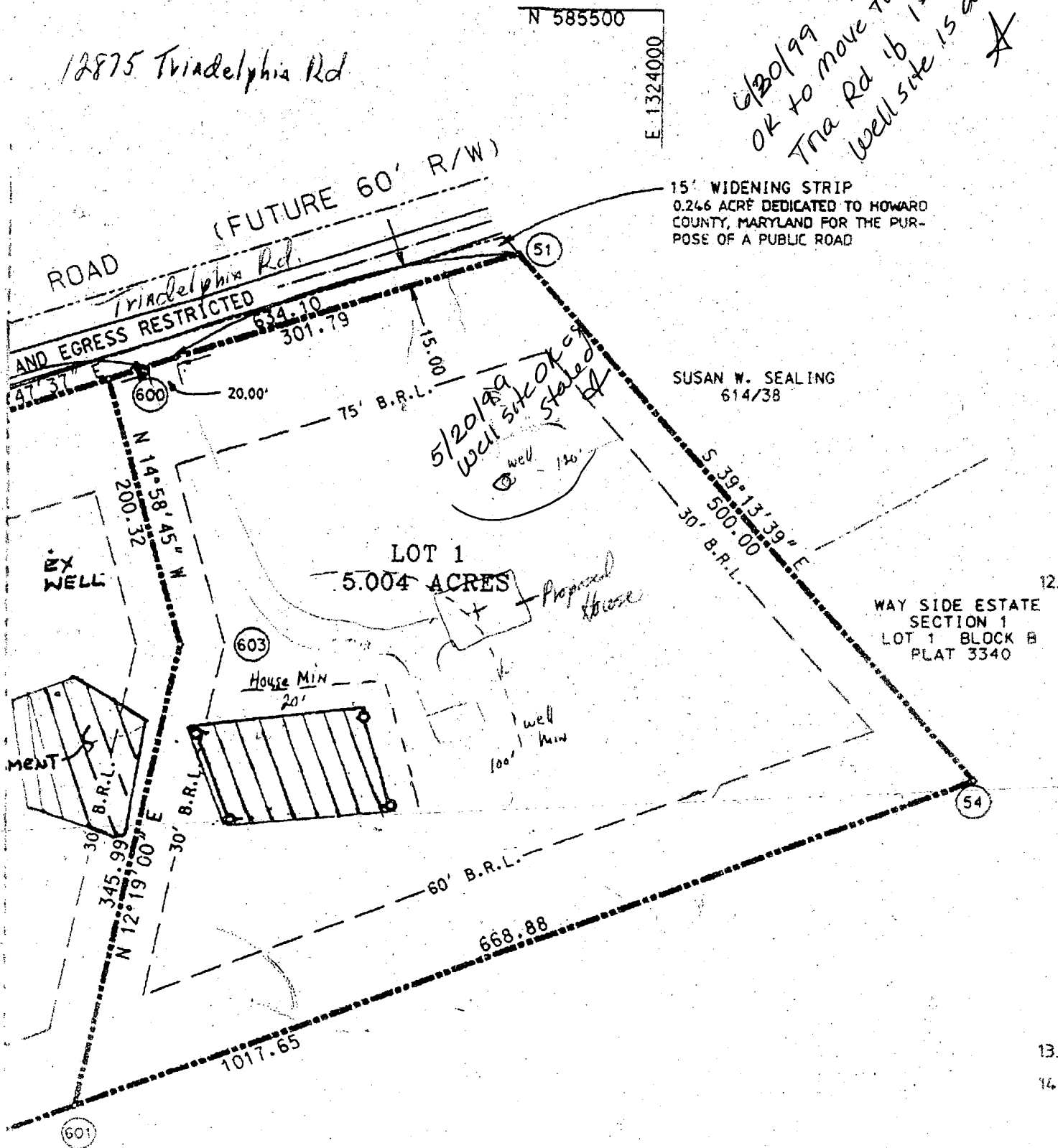
B 1	4204	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-2263 fill in this form completely
Date Received (APA) 051299 8 MM DD YY 13		OWNER INFORMATION		
BANDEL 15 Last Name 14070 STEVENS VALLEY CT 36 Street or RFD GLENWOOD MD. 22738 57 Town 70 State 72 Zip 76		DONALD 34 First Name 76 License No. 81 WESTMINSTER ROTARY WELL DRILL INC Firm Name P.O. BOX 861 WESTMINSTER MD. 21157 Address <i>Ronald Kyker</i> MAY 7 1999 Signature Date		
DRILLER INFORMATION		LOCATION OF WELL		
RONALD KYKER MW D 296 Driller's Name 76 License No. 81 WESTMINSTER ROTARY WELL DRILL INC Firm Name P.O. BOX 861 WESTMINSTER MD. 21157 Address <i>Ronald Kyker</i> MAY 7 1999 Signature Date		HOWARD 8 COUNTY 21 BANDEL PROPERTY 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 WEST FRIENDSHIP 52 NEAREST TOWN 71 73 76 77 78 MILES FROM TOWN (enter 0 if in town) 2		
WELL INFORMATION		TRIDELPHIA RD		
2 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 450 14 20		11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 150 37 DISTANCE FROM ROAD 150 ENTER FT OR MI 38 39 TAX MAP 22 BLK: 10 PARCEL 20		
USE FOR WATER (CIRCLE APPROPRIATE BOX)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL		
☒ DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, DEWATERING ☐ PUBLIC WATER SUPPLY WELL ☐ TEST, OBSERVATION, MONITORING ☐ GEO-THERMAL		HOWARD COUNTY A49980-13 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S → DATE ISSUED 051799 AMC 5/17/00 43 MM DD YY 48 CO SIGNATURE EXP DATE NORTH GRID 520 000 EAST GRID 810 000 50 55 57 63		
APPROXIMATE DEPTH OF WELL 300 FEET 24 6 28 APPROXIMATE DIAMETER OF WELL _____ INCH NEAREST INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. CITY 2. CITY 3. CITY WRITE THE BOX NUMBER FROM THE MAP HERE E 810 N 520 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION Tridelpia Rd X well		
METHOD OF DRILLING (circle one)		REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)		
BORED (or Augered) ☐ JETTED ☒ Jetted & DRIVEN ☐ 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTary Drive-POINT other _____		☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☐ 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 DEEPEMED 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)				
APPROP. PERMIT NUMBER _____ G.A.P. _____ 54 63 PERMIT No. HO-94-2263 70 71 72 73 74 75 76 77 78 79				
SPECIAL CONDITIONS				

Donald M. Gandel
14070 Stevens Valley Ct
Sperswood, Md. 21738

(410) 442-2254

12875 Triadelphia Rd

6/20/99
OK to move toward
Tna Rd by 127
Well site is dry



APPLICATION

PERCOLATION TESTING

A 49980B

P _____

DISTRICT _____

DATE 4/22/94

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

PREVIEW OK \$25
PREVIOUS TEST HISTORY (1976)
IF

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER VERNON M. & INA M. BANDEL

ADDRESS 707 MAIDEN CHOICE LANE, Apt. 8111
CATONSVILLE, MO. 21228 PHONE (410) 242-6144

PROSPECTIVE BUYER V. ALLAN BANDEL

ADDRESS 14668 MUSTANG PATH
GLENWOOD, MA 21238 PHONE (410) 442-2934

PROPERTY LOCATION:

SUBDIVISION BANDEL PROPERTY LOT NO. 24 1

ROAD AND DESCRIPTION TRIAOCLONIA RD

TAX MAP 22 PARCEL # PERCE 20

SIZE OF LOT _____ TYPE BLDG SFD - EXISTING (RESIDUE PARCEL)
(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. V. Allan Bandel

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

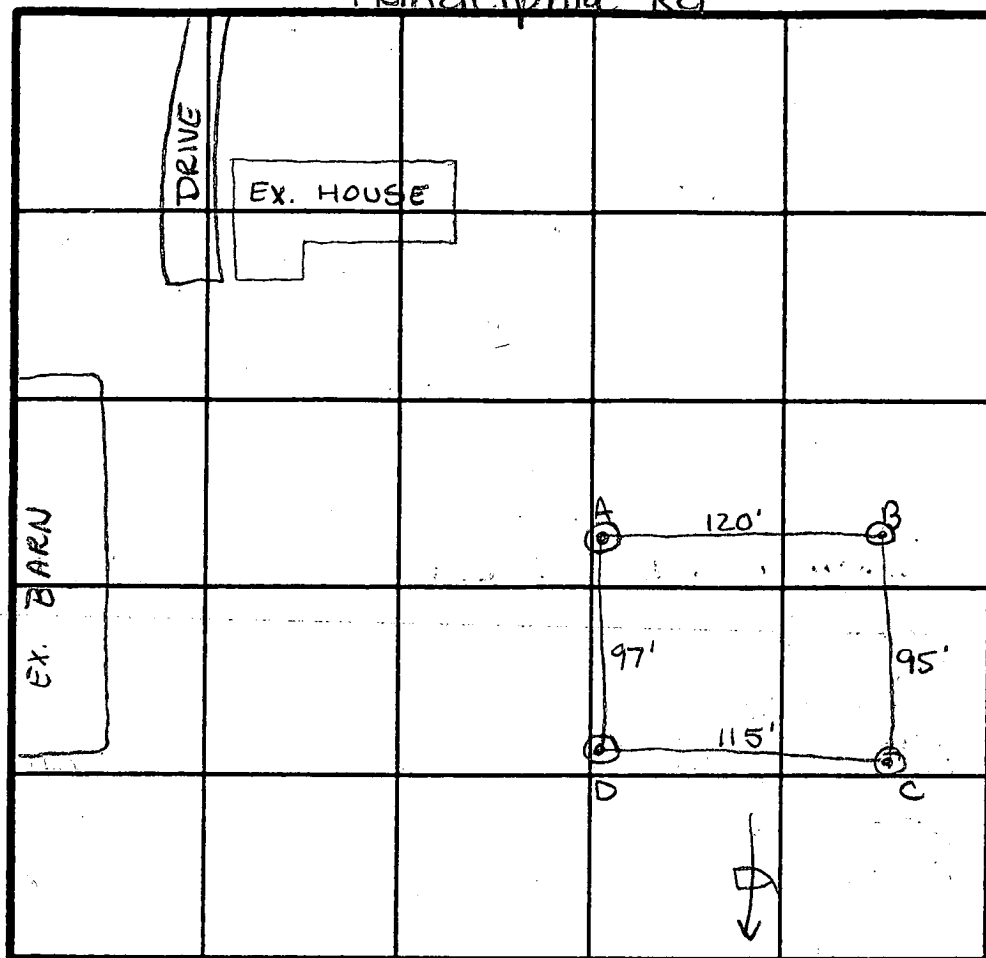
Triadelphia Rd

SOIL PROFILE

0'
orange
brn
CSil

4'
orange
to
tan
sil
mica
5-10%
mica
flags
(large)

13'



Average
Time 20
min

Trench
width 3'0

Inlet
depth 3 1/2

Max
bottom
depth 5 1/2

sq. ft
bdm 240

1st
Repair 210

last
Repair 180

INDICATE WORDS NAME ADJOINING ROADWAYS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/18/94	A	4' $\sqrt{13'}$	10:03 ¹⁵	10:14 ³⁰	10:14 ³⁰	10:35	20 1/2 min
	B	4' $\sqrt{13'}$	10:08	10:15	10:15	10:36	21 min
	C	4' $\sqrt{12'}$	10:37 ¹⁵	10:42	10:42 ¹⁵	10:52	10 1/4 min
	D	3 1/2' $\sqrt{12 1/2'}$	10:39 ³⁰	10:41	10:41	10:44	3 min

REMARKS _____

TYPE OF SOIL SIL

TESTED BY A. McMillen ALSO PRESENT Eyock

4-13 Lohed
10,000 ft

APPLICATION

A 23246

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3

DATE 5/10/76

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Vernon & Ina Bandel

ADDRESS 12895 Triadelphia Road, Ellicott City, Md. PHONE 286-3809

PROPERTY LOCATION:

SUBDIVISION AS LOT NO. C (pipe stem)

ROAD AND DESCRIPTION Triadelphia Road beside 12895

SIZE OF LOT 1.48 acres TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE (Single Fmly. Dwllg.)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Vernon Bandel

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS WW2 DATE 5/12/76

REASONS FOR REJECTION OR HOLDING final plat SYSTEM FIRST

THIS IS NOT A PERMIT

27/05/0

003E-005

13805 Extrabright 100W 11.6V 1A

(.p.II.D) .v. ~~1000-1000~~

TYPE OF SOIL _____

TESTED BY: _____ ALSO PRESENT: _____

ALSO PRESENT:

A 23246

P_____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3

DATE 5/10/76

PROPERTY OWNER Vernon & Ina Bandel

ADDRESS 12895 Triadelphia Road, Ellicott City, Md. PHONE 286-3809

SUBDIVISION _____ LOT NO: _____

ROAD AND DESCRIPTION	Triadelphia Road beside 12895
----------------------	-------------------------------

SIZE OF LOT 1.48 acres TYPE BLDG. 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE _____

NUMBER OF BEDROOMS _____
(Single Family Dwllg.)

SIGNATURE OF APPLICANT /s/ Vernon Bandel

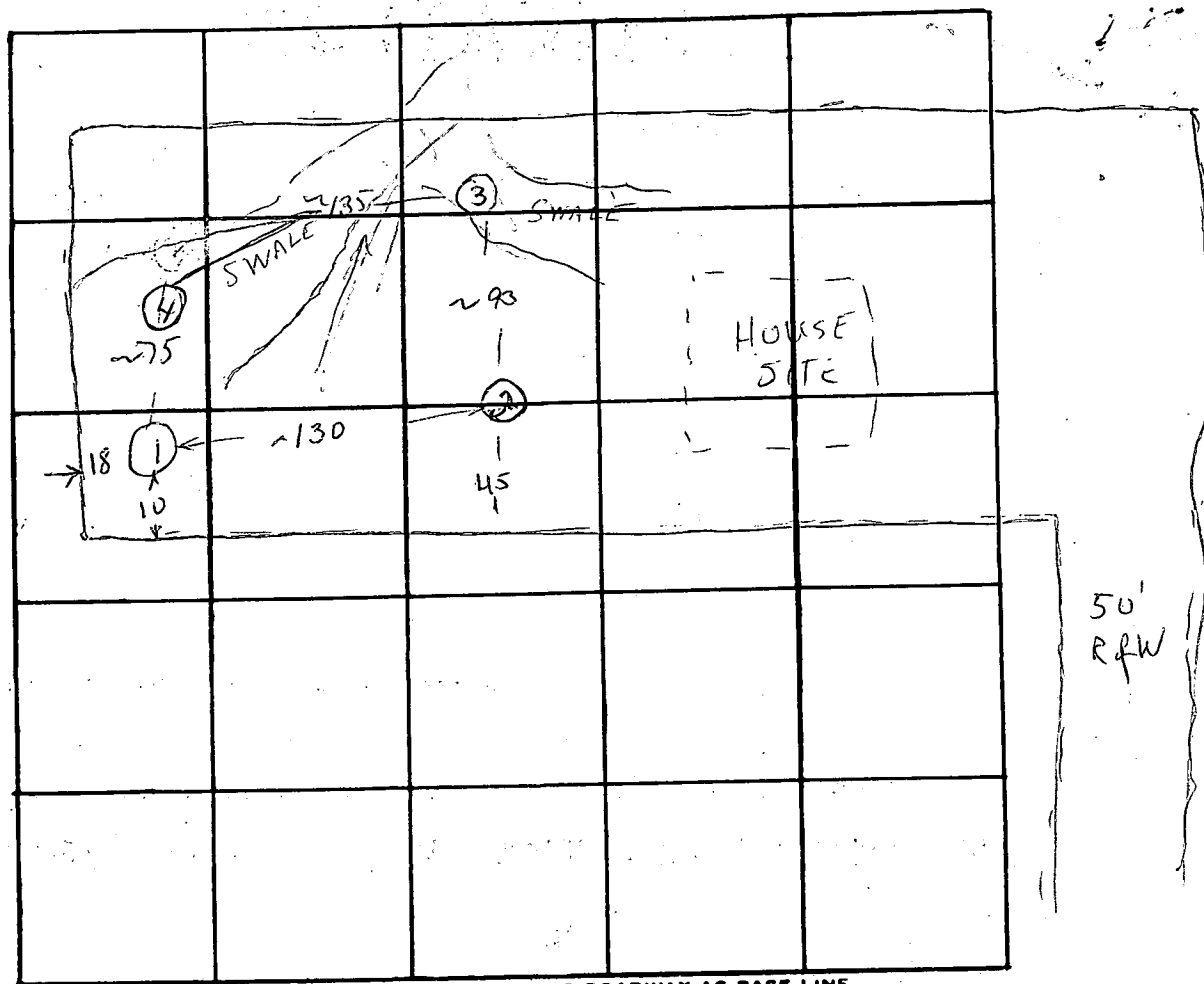
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM) _____

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ **DATE** _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/76	1	12	Visual; similar soil				
high	2	3 1/2	11:16	11:18	11:18	11:22	4
	2-A	13 1/2	11:17	11:22	11:22	11:30	8
low	3	3	11:19	11:36	11:36	11:56	20
	3-A	13 1/2	11:19 ³⁰	NO PERC			
	4	4 1/2	11:45	11:50	11:50	12:01	11
	4-A	11 1/2	11:45	11:47	11:47	11:51	4
	3-B	12 1/2	11:36	11:39	11:39	11:48	9

REMARKS

TYPE OF SOIL

TESTED BY

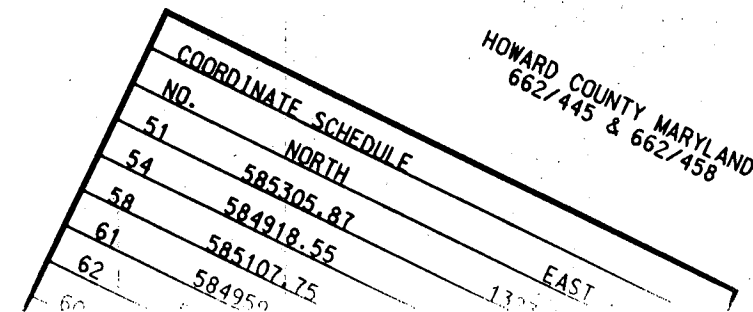
ALSO PRESENT:

2 highest hole; system to run for 2 over to hole 1

Sandy - mica, excellent soil

WWZ

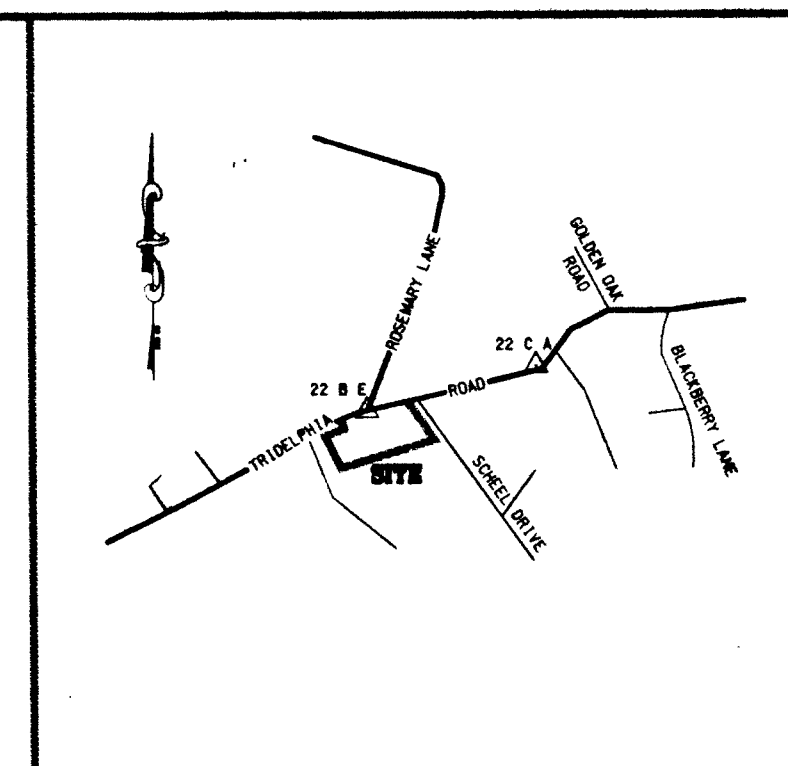
Bandel, Fyork & Co.



Copy of signed
F-96-149
10/10/96

N 585500
E 1323000

N 585500
E 1324000



VICINITY MAP
SCALE 1" = 2000'

GENERAL NOTES CONTINUED

12. This area is designated a private sewage easement of a minimum of 10,000 square feet as required by the Maryland State Dept. of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on these building sites. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewer easement. Recordation of a modified sewage easement shall not be necessary.
13. Areas are more or less.
14. ■ denotes concrete marker found.
○ denotes a standard marker set

- GENERAL NOTES
1. Tax Map: 22, Parcel: 20, Block: 10
 2. Subject property zoned RR-DEO per 8/02/85 Comprehensive Zoning Plan.
 3. Deed Reference: 1732/256
 4. Boundary shown hereon was prepared by Boender Associates in March, 1994.
 5. The purpose of this plat is to subdivide to create an additional buildable lot.
 6. This plat is subject to WP 96-44 approved June 9, 1994, waiving the following subdivision and land development regulations:
16.119.F3 allowing subdivision into two lots using two points of access from a restricted access road.
 7. Coordinates shown hereon are based on NAD '83 Maryland coordinate system as projected by Howard County Geodetic Control Stations:
22CA N) 585783.31 E) 1325230.61 E) 574.81
22BE N) 585134.80 E) 1323322.66 E) 576.71
 8. This subdivision is exempt from the requirements of the Forest Conservation Act because it creates only one additional lot and retains no resubdivision potential.
 9. Existing structures are located on lot 2. These structures are to remain.
 10. No new buildings, extensions or additions to the existing dwelling are to be constructed at a distance less than the zoning regulations require.
 11. In accordance with an environmental evaluation by Wildman Associates dated April 1994, no wetlands exist on this site.

AREA TABULATION

TOTAL NUMBER OF LOTS TO BE RECORDED: 2
TOTAL AREA OF LOTS TO BE RECORDED: 10.438 ACRES
TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING: 0.246 ACRES
TOTAL AREA OF OPEN SPACE TO BE RECORDED: NONE
AREA OF LOT 1: 5.004 ACRES
AREA OF LOT 2: 5.434 ACRES
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 10.684 ACRES

OWNERS
VERNON M. BANDEL
INA B. BANDEL
V. ALLEN BANDEL
DONALD M. BANDEL
P.O. BOX 267
WEST FRIENDSHIP, MD 21794

COORDINATE SCHEDULE		
NO.	NORTH	EAST
51	585305.87	1323901.89
54	584918.55	1324218.09
58	585107.75	1323299.53
61	584959.16	1323269.14
62	584876.96	1323075.90
600	585211.58	1323615.21
601	584680.04	1323593.18
602	584555.67	1323267.34
603	585018.06	1323666.99
604	585075.23	1323223.05

The requirements of Section 3-108, the real property article, annotated code of Maryland, 1988 replacement volume, (as supplemented) as far as they relate to the making of this plat and the setting of markers have been complied with.

Mark A. Busch
Mark A. Busch, Reg. Property Line Surveyor No. 508
Date: 12/29/95

Vernon M. Bandel
Vernon M. Bandel
Date: 12/30/95

Ina B. Bandel
Ina B. Bandel
Date: 12/30/95

V. Allen Bandel
V. Allen Bandel
Date: 12/30/95

Donald M. Bandel
Donald M. Bandel
Date: 12/30/95

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

Joyce M. Boydman
JOYCE M. BOYDMAN, ALM
DATE: 10-10-96

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Michael J. ...
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE: 10/15/96

Donald M. Bandel
DIRECTOR DATE: 1/15/97

OWNERS STATEMENT

We, Vernon M. Bandel, Ina B. Bandel, V. Allen Bandel and Donald M. Bandel, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of approval of this final Plat by the Department of Planning and Zoning hereby adopt this plan of subdivision, and establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns, 1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street right-of-ways and the specific easements shown hereon, 2) the right to require dedication for public use, the beds of the streets and/or roads and floodplains and open space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable, 3) the right to require dedication of waterway and drainage easements for the specific purpose of their construction, repair and maintenance, and 4) that no building or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Witness my/our hands this 30th day of December 1995

Vernon M. Bandel
Vernon M. Bandel
Ina B. Bandel
Ina B. Bandel
V. Allen Bandel
V. Allen Bandel
Donald M. Bandel
Donald M. Bandel

Katherine C. Evans
Katherine C. Evans
Katherine C. Evans
Katherine C. Evans
Katherine C. Evans
Katherine C. Evans

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct to the best of my professional knowledge information and belief, that it is a resubdivision of the land conveyed by Elmer Thompson and Wife to Vernon M. Bandel and Ina B. Bandel by Deed dated March 1, 1945 and recorded in the Land Records of Howard County, Md. in Liber 184 at Folio 391 and further by Deed dated August 24, 1987 and recorded in the Land Records of Howard County, Maryland in Liber 1732 at Folio 256 was conveyed by Vernon M. Bandel and Ina B. Bandel to V. Allen Bandel and Donald M. Bandel reserving unto themselves a remainder interest, shown in accordance with the Howard County Subdivision Regulations and the Annotated Code of Maryland section 3-108 as amended.

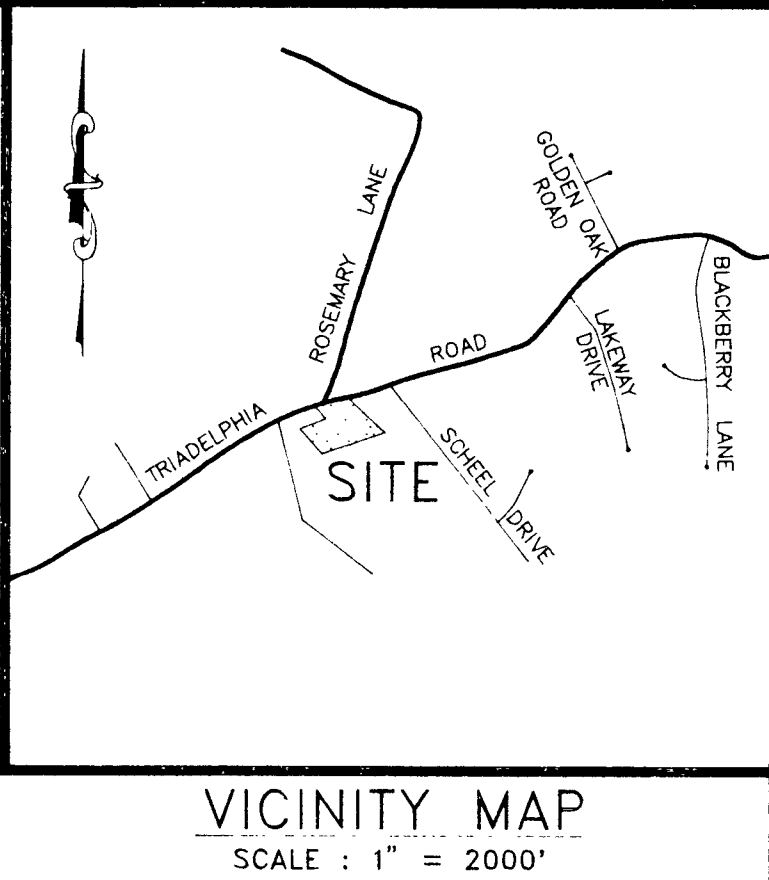
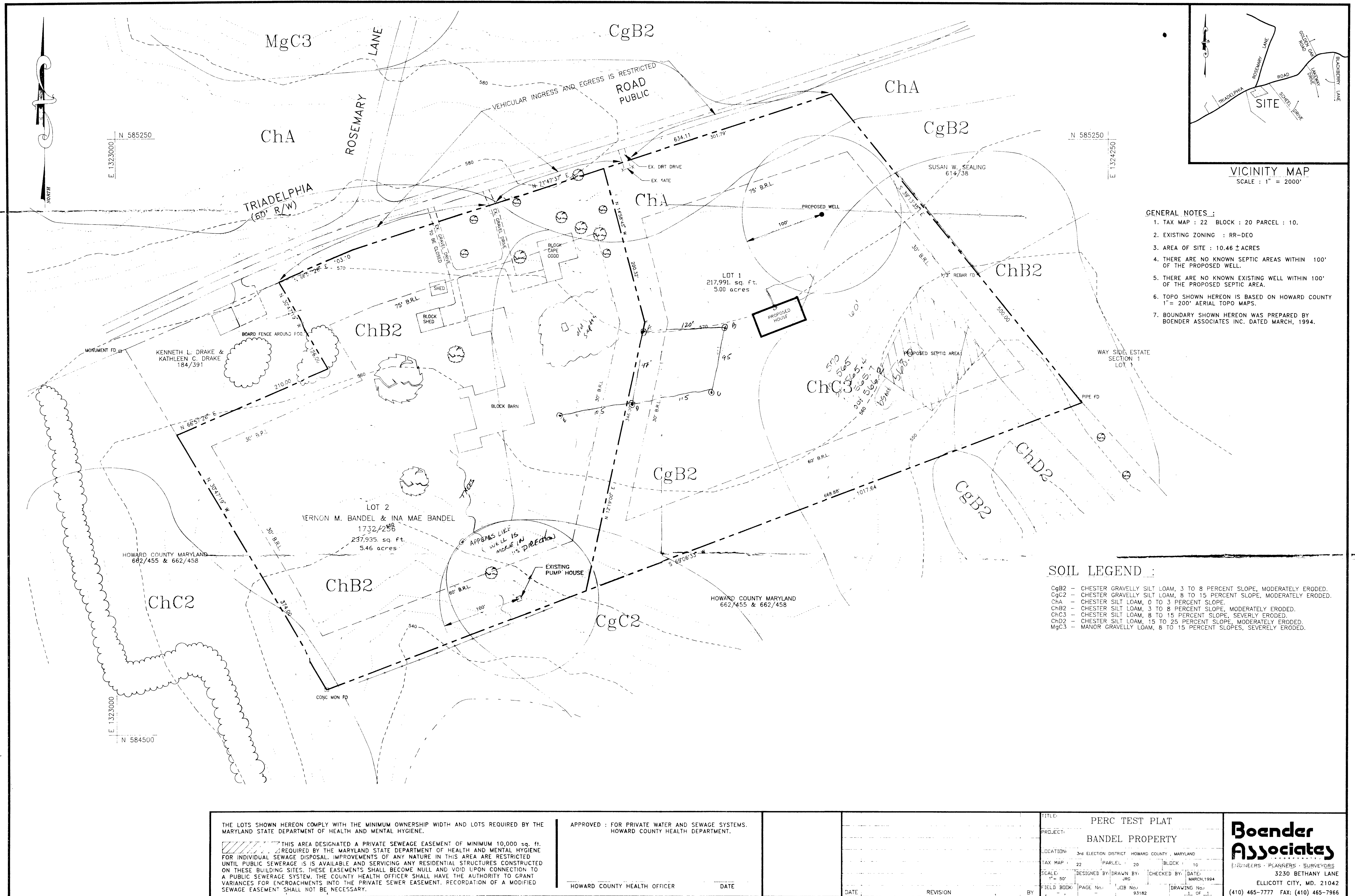
Mark A. Busch
Mark A. Busch, Reg. Property Line Surveyor No. 508
Date: 12/29/95

RECORDED AS PLAT 1240B ON 10-18-96 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

BANDEL PROPERTY
LOTS 1 AND 2

TAX MAP 22 GRID 10
TAX MAP PARCEL NO. 20
EX. ZONING RR-DEO
ELECTION DISTRICT 3
HOWARD COUNTY, MARYLAND
SCALE 1" = 100'
DATE: DEC. 20, 1995
D. P. & Z FILE NO.'S WP94-98
WP - 96-44

Boender Associates
ENGINEERS PLANNERS SURVEYORS
P.O. Box 267
West Friendship, Md 21794
(410) 465-7777



- GENERAL NOTES :
1. TAX MAP : 22 BLOCK : 20 PARCEL : 10.
 2. EXISTING ZONING : RR-DEO
 3. AREA OF SITE : 10.46 ± ACRES
 4. THERE ARE NO KNOWN SEPTIC AREAS WITHIN 100' OF THE PROPOSED WELL.
 5. THERE ARE NO KNOWN EXISTING WELL WITHIN 100' OF THE PROPOSED SEPTIC AREA.
 6. TOPO SHOWN HEREON IS BASED ON HOWARD COUNTY 1" = 200' AERIAL TOPO MAPS.
 7. BOUNDARY SHOWN HEREON WAS PREPARED BY BOENDER ASSOCIATES INC. DATED MARCH, 1994.

- SOIL LEGEND :
- CgB2 - CHESTER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPE, MODERATELY ERODED.
 - CgC2 - CHESTER GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPE, MODERATELY ERODED.
 - ChA - CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPE.
 - ChB2 - CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPE, MODERATELY ERODED.
 - ChC2 - CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPE, SEVERELY ERODED.
 - ChD2 - CHESTER SILT LOAM, 15 TO 25 PERCENT SLOPE, MODERATELY ERODED.
 - MgC3 - MANOR GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED.

THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOTS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

THIS AREA DESIGNATED A PRIVATE SEWAGE EASEMENT OF MINIMUM 10,000 sq. ft. REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWER EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

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

HOWARD COUNTY HEALTH OFFICER DATE

TITLE: PERC TEST PLAT	
PROJECT: BANDEL PROPERTY	
LOCATION: 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TAX MAP: 22	PARCEL: 20 BLOCK: 10
SCALE: 1" = 50'	DESIGNED BY: JRG
FIELD BOOK: PAGE No. 93182	CHECKED BY: DATE: MARCH, 1994
DATE:	REVISION: BY:

Boender Associates
ENGINEERS • PLANNERS • SURVEYORS
3230 BETHANY LANE
ELLICOTT CITY, MD. 21042
(410) 465-7777 FAX: (410) 465-7966

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Division of Land Development and Research

DATE: 10-19-95

P&Z File No. WP 96-44

Department of Planning and Zoning

- ☐ Transportation Planning
- ☒ Comprehensive Planning and Zoning Administration
- ☒ Research/Historic Preservation
- ☒ Address Coordinator
- ☒ Agricultural Preservation
- ☒ Development Engineering Division
- ☒ Forest Conservation Planner
- ☒ File

Agencies

- | | |
|---|---|
| ☒ Soil Conservation District | ☐ Tax Assessment |
| ☒ Department of Inspections, Licenses & Permits | ☐ Bell Atlantic Telephone |
| ☒ Department of Fire and Rescue Services | ☐ BG&E |
| ☒ State Highway Administration | ☐ Cable TV |
| ☒ <u>Bureau of Environmental Health</u> | ☐ Police |
| ☒ Board of Education | ☐ MTA |
| ☒ Recreation and Parks | ☐ Finance |
| | ☐ DPW, Real Estate Services |
| | ☐ DPW, Construction and Inspection |

RE: Bandel Prop., lots 1+2

ENCLOSED FOR YOUR: ☐ Signature Approval ☒ Review and Comments ☐ Files

THE ENCLOSED: ☐ Original

Plans

No. of Sheets

Supplemental Documents

- | | |
|---|--|
| ☐ Sketch Plan | ☐ Wetlands Report |
| ☐ Prel Equiv Sketch Plan | ☐ Soils/Topo Map/Drain Area Map |
| ☐ Preliminary Plan | ☐ FSD/FCP/Worksheet and Application |
| ☐ Final Plat | ☐ Declaration of Intent |
| ☐ Final Constr Plans (RDS) | ☐ Drainage and/or Computation/Pond |
| ☐ Final Development Plan | ☐ Safety Comps |
| ☐ Site Development Plan | ☐ Preliminary Road Profiles |
| ☐ Landscape Plan | ☐ APFO Roads Test/Mitigation Plan |
| ☐ Grading Plan | ☐ Traffic Study/Noise Study |
| ☐ House Type Revision Plan | ☐ Sight Distance Analysis |
| | ☐ Floodplain Study |
| | ☐ Stormwater Management Comps. |
| | ☐ Industrial Waste Survey (DPW) |
| | ☐ Road Poster Form Letter |
| | ☐ Response Letter |
| | ☐ Perc Plat |
| | ☐ Scenic Road Exhibits |

Applications

- | | |
|--|--|
| ☒ Waiver Petition Applic/Exhibit | ☐ Industrial Waste Survey (DPW) |
| ☐ Planning Board Applic | ☐ Road Poster Form Letter |
| ☐ ASDP/CSDP Application | ☐ Response Letter |
| ☐ DED Application/Checklist | ☐ Perc Plat |
| ☐ DED Fee Receipt/Deeds/Cost Estimate | ☐ Scenic Road Exhibits |

WAS: ☒ Received ☐ Tentatively Approved ☐ Recorded
☐ Received and Revised ☐ Approved On 10-19-95

COMMENTS: 10/30/95 No objection to waiver petition, applicant reminded that percolation certification plat not yet received. (see attached). Amy M. Melle

Check, initial and return to the Department of Planning and Zoning if plan is approved with no comments.



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

May 20, 1994

V. Allen Bandel
14668 Mustang Path
Glenwood, Maryland 21738

RE: PERCOLATION TEST RESULTS
APPLICATION #(s) A49980 A-B
PROPOSED USE: Subdivision

PROPERTY ID: Bandel Property
Triadelphus Rd. Parcel 20
2 Lots

Dear Mr. Allen Bandel:

Percolation testing conducted May 18, 1994 on the above referenced property indicated satisfactory soil conditions. Testing was performed in area different than originally proposed because of a swale in the center of the proposed area.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and suitable house and well site. The plat should also include the location of all existing wells and septic systems on the property as existing structures. A note must be included certifying that all wells and septic systems within 100' of property boundaries have been shown.

This should be submitted within sixty (60) days to allow field verification if necessary.

If the proposal is for subdivision or for commercial use, a Groundwater Appropriations Permit must be approved prior to any plat approvals.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 313 - 2640.

Very truly yours,

Amy McMillen

Amy McMillen, Sanitarian
Water and Sewerage Program

AM: bc
cc: Engineer-Bowender Assoc.
Owner
File

Howard County Department of Planning and Zoning
Division of Land Development and Research

WAIVER PETITION APPLICATION

Date Submitted/Accepted _____ DPZ File Number _____

I. Site Description

Subdivision Name/Property Identification: Bandel Property

Location of property: South side of Triadelphia Road, West of Scheel Drive

single family detached dwelling single family detached dwelling
(Existing Use) (Proposed Use)

22 20 3rd
(Tax Map) (Parcel Number) (Election District)

RR 10.47 acres⁺
(Zoning District) (Total Area)

Provide a brief site history including reference to all previously submitted or currently active plans on file with the County (subdivision plans, Board of Appeals petitions, waiver petitions, etc.)

The subject property consists of approximately 10.5 acres and is the
residue of a 100 acre parcel of which Howard County acquired 89.5 acres.
Previous waiver petition WP-94-98, previously approved.

II. Waiver Request

In accordance with Section 16.104 of the Howard County Subdivision and Land Development Regulations, the Department of Planning and Zoning, in conjunction with the Subdivision Review Committee, may grant waivers of modifications to the minimum requirements stipulated within the Regulations.

In the area below, the petitioner should enumerate the specific numerical section(s) from which a waiver is being requested and provide a brief summary of the regulation. Attach a separate sheet if additional information is appropriate.

<u>Section Reference No.</u>	<u>Summary of Regulation</u>
1. <u>Section 16.119.F.3</u>	<u>Vehicular access restriction</u>
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

III. Justification

All waiver requests must be fully justified by the petitioner. Justification must be specific to the subject property. The justification provided by the petitioner should include all factors which rationalize or substantiate the request in accordance with the following criteria:

- a. Summarize any extraordinary hardships or practical difficulties which may result from strict compliance with the Regulations.
- b. Verify that the intent of the Regulations will be served to a greater extent through the implementation of the alternative proposal.
- c. Substantiate that approval of the waiver will not be detrimental to the public interests.
- d. Confirm that approval of the waiver will not nullify the intent of the Regulations.

The subject property, consisting of approximately 10.5 acres is the residue of a 100 acre parcel of which Howard County acquired 89.5 acres to be utilized by Howard County Department of Recreation and Parks. The property currently is improved by the remaining farm buildings and an existing dwelling. The property has three existing points of access to Triadelphia Road. It is our proposal to close the one access point previously used to service the barns and farm buildings and maintain the driveway to the existing dwelling as well as an existing access point which formerly accessed the balance of the farm. The site distance as shown on the attached exhibit is adequate at both points and the property can not be divided in any other manner without undue hardship as it would require the relocation of the subject driveways. After the proposed division, the subject property will be divided between the current owners' two sons.

IV. Plan Exhibit

A. Number of Copies Required

The waiver petition application must be accompanied by copies of a detailed plot plan, subdivision plat or site development plan (14 sets of the completed waiver form and plan exhibit if the subject property adjoins a County road; 18 sets for properties adjoining a State road). In instances where the waiver request concerns an approval extension, only 2 sets of plans are required along with 14 or 18 copies of the application form. Plans must be folded to a size no larger than 7-1/2" x 12".

B. Plan Requirement Checklist

The detailed waiver petition exhibit, plot plan, subdivision plan or site development plan must indicate the following required information relevant to the waiver request to ensure acceptance of the waiver petition application for processing.

Legend:	☒ Information Provided	☒ Information Not Provided,
	☐ NA Not Applicable	☐ Justification Attached

- ☒ 1. Vicinity map scale 1" = 2,000'
- ☒ 2. Bearings and distances of property boundary lines for the entire tract and size of tract area.
- ☒ 3. North arrow and scale of plan.
- ☒ 4. Location, extent, boundary lines and area of any proposed lots.
- ☒ 5. Any existing or proposed building(s), structures, points of access, driveways, topography, natural features and other objects and/or uses on the subject and adjacent properties which may be relevant to the petition; i.e. historic structures, cemeteries or environmentally sensitive areas.
- ☒ 6. Delineation of building setback lines.
- ☒ 7. Delineation of all existing public road and/or proposed street systems.
- ☒ 8. Identification and location of all easements.
- ☒ 9. Approximate delineation of floodplain, wetland and forested areas, if applicable.
- ☒ 10. Road profile to evaluate sight distance, if the application includes a request for direct access to a major collector or more restrictive roadway classification.
- ☐ 11. Any additional information to allow proper evaluation (e.g. for waivers to wetland buffers an alternative analysis and mitigation proposal are needed; for waivers to SDP requirements where there is no subdivision of land, an APFO Roads Test evaluation may be needed).
- ☐ 12. Photographs, perspective sketches or cross-sections as necessary to adequately portray the waiver request.
- ☐ 13. The exhibit plans should be highlighted to accurately illustrate the requested waiver(s) to allow proper evaluation (i.e. proposed grading, tree clearing or other disturbances within environmentally sensitive areas or buffers).

V. Fees

All checks shall be made payable to the *Director of Finance*. The petition will not be accepted for processing until the fee has been paid. Incomplete or incorrect information will result in the rejection of the application and could cause additional time to be required to revise the petition for resubmittal and re-review.

VI. Owner's/Petitioner's Certification

I/WE the undersigned fee simple owner(s) hereby make application to the Howard County Department of Planning and Zoning to relax the minimum requirements of the Howard County Subdivision and land Development Regulations. The undersigned hereby certifies the information supplied herewith is correct and complete, confirms that the regulations and policies as referred to in the attached are understood, and authorizes periodic on-site inspections by the Howard County Subdivision Review Committee agencies. If the applicant is the owner's agent, written documentation from owner granting that authority is required.

Vernon Bandel
(Signature of Property Owner)
(Fee Simple Owner Only)

(Date)

[Signature]
(Signature of Petition Preparer)

10-17-95
(Date)

Mr. and Mrs. Vernon Bandel
(Name of Property Owner)

Boender Associates, Inc.
(Name of Petition Preparer, Surveyor/Engineer or Agent/Developer)

707 Maiden Choice Lane, Apt 8111
(Address)

3230 Bethany Lane
(Address)

Baltimore, Maryland 21228
(City, State, Zip Code)

Ellicott City, Maryland 21042
(City, State, Zip Code)

410-242-6144
(Telephone)

410-465-7777
(Telephone)

Howard County Department of Planning and Zoning
Division of Land Development and Research

INITIAL SUBMISSION
WAIVER PETITION WORKSHEET
(For DPZ Use Only)

Project Name: _____ DPZ File No. _____

I. Application Requirements

Indicate Yes, No or N/A

Application is complete _____
Required number of plans and applications are provided _____
Plans (14 sets on County Road or _____
Applications 18 sets on State Road) _____
Supplemental Information is provided _____

II. Fee Computation

Fee

Number of waivers requested _____
* Base Fee for first two waiver sections (\$350) _____
Fee for each additional waiver section (____ additional waivers x \$50) _____
* (Maximum fee of \$350 for Agricultural Preservation parcels)

TOTAL _____

III. Certification

Cash Receipt No. _____ Account #011-005-4201 Amount _____

Check issued by _____

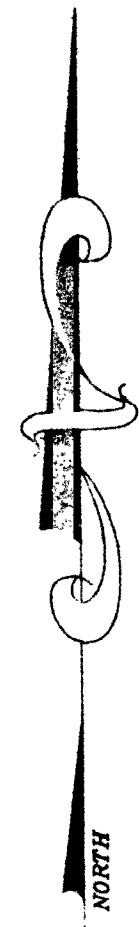
_____ Waiver petition application is accepted for processing.

_____ Scheduled SRC meeting date.

_____ Waiver petition application is rejected.

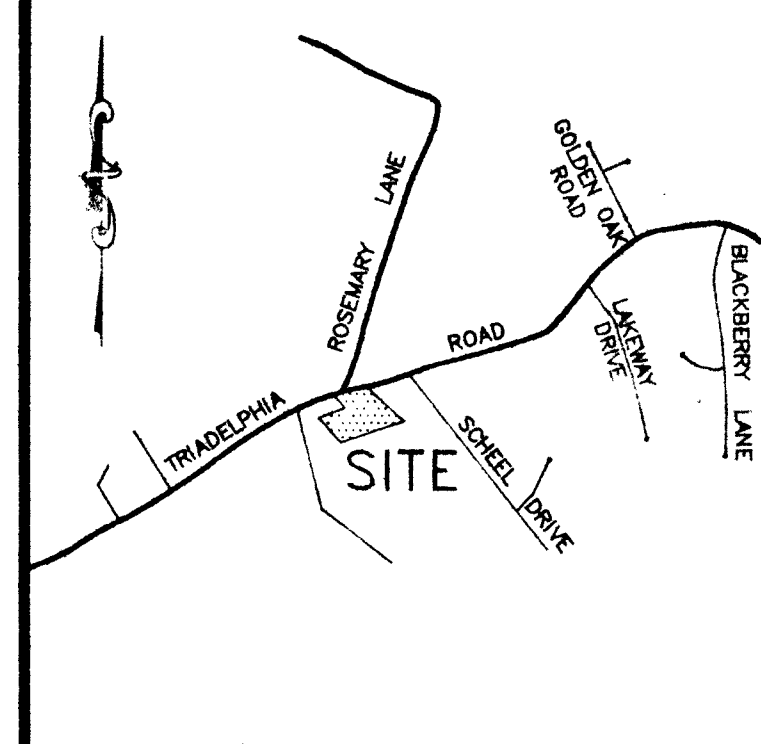
Reason: _____

_____ Resubmission is accepted. Date _____ Staff initials _____



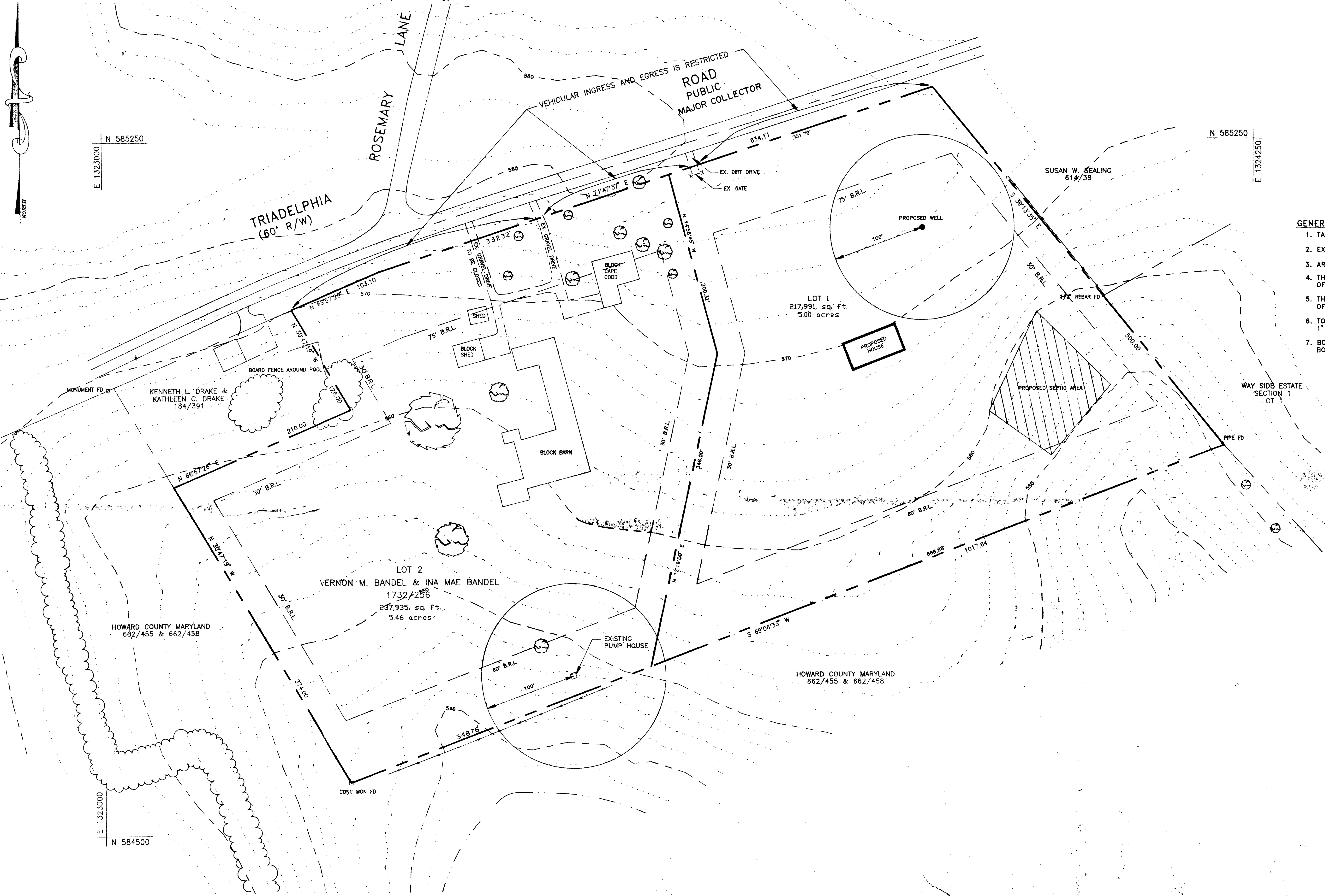
N 585250
E 1323000

N 585250
E 1324250



VICINITY MAP
SCALE: 1" = 2000'

- GENERAL NOTES:**
1. TAX MAP : 22 BLOCK : 20 PARCEL : 10.
 2. EXISTING ZONING : RR
 3. AREA OF SITE : 10.46 ± ACRES
 4. THERE ARE NO KNOWN SEPTIC AREAS WITHIN 100' OF THE PROPOSED WELL.
 5. THERE ARE NO KNOWN EXISTING WELL WITHIN 100' OF THE PROPOSED SEPTIC AREA.
 6. TOPO SHOWN HEREON IS BASED ON HOWARD COUNTY 1" = 200' AERIAL TOPO MAPS.
 7. BOUNDARY SHOWN HEREON WAS PREPARED BY BOENDER ASSOCIATES INC. DATED MARCH, 1994.



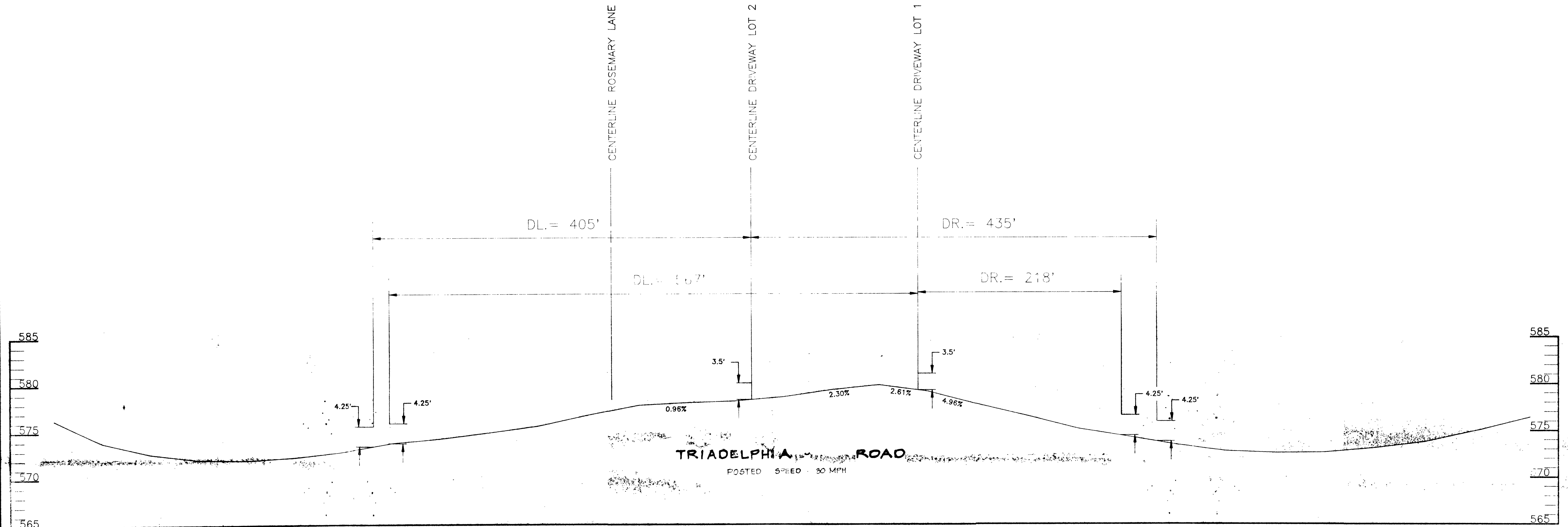
HOWARD COUNTY MARYLAND
662/455 & 662/458

HOWARD COUNTY MARYLAND
662/455 & 662/458

N 584500
E 1323000

TITLE: WAIVER PETITION PLAN	
PROJECT: BANDEL PROPERTY	
LOCATION: 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TAX MAP: 22	PARCEL: 20 BLOCK: 10
SCALE: 1" = 50'	DESIGNED BY: JRG
FIELD BOOK: PAGE No. 93182	CHECKED BY: DATE: MARCH, 1994
DATE: _____	REVISION: _____
BY: _____	DRAWING No. 1 OF 1

Boender Associates
ENGINEERS • PLANNERS • SURVEYORS
3230 BETHANY LANE
ELLCOTT CITY, MD. 21042
(410) 465-7777 FAX: (410) 465-7966



PROFILE

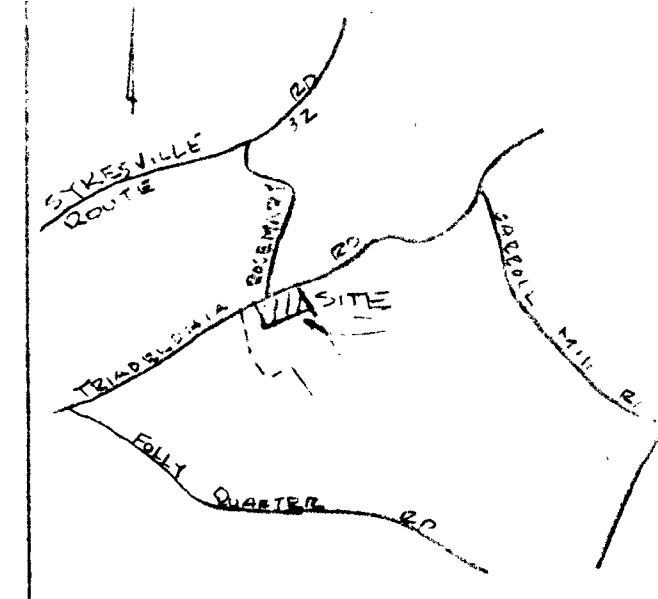
SCALE : HORZ.: 1" = 50'
VERT.: 1" = 5'

		TITLE: SITE EXHIBIT			
		PROJECT: BANDEL PROPERTY			
		LOCATION: 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND			
		TAX MAP: 22	PARCEL: 20	BLOCK: 10	
SCALE: AS SHOWN		DESIGNED BY: JRG	CHECKED BY: JRG	DATE: MARCH, 1994	
DATE: _____		REVISION: _____	BY: _____	FIELD BOOK: _____	PAGE: No. 1 OF 1

93182-SE.DWG

Boender Associates
ENGINEERS • PLANNERS • SURVEYORS
3230 BETHANY LANE
ELLCOTT CITY, MD. 21042
(410) 465-7777 FAX: (410) 465-7966

TRIADDELPHIA ROAD



VICINITY MAP 1"=1 MILE

Existing
Line

2-13' Lined
50 ft. from
existing
system

7.6 AC±

VOID

4-13' Lined
on 10,000 ft²
1 AC±

4-13' Lined
on 10,000 ft²
1 AC±

4-13' Lined on 10,000 ft²
1.08 AC± REAR
.40 AC± RM
1.48 AC± TOTAL

HOWARD COUNTY
RECREATION AND PARKS
89.7 AC±
062/455

HOOKINS ASSOCIATES
231 JOSEPH SQUARE
COLUMBIA, MD 21044

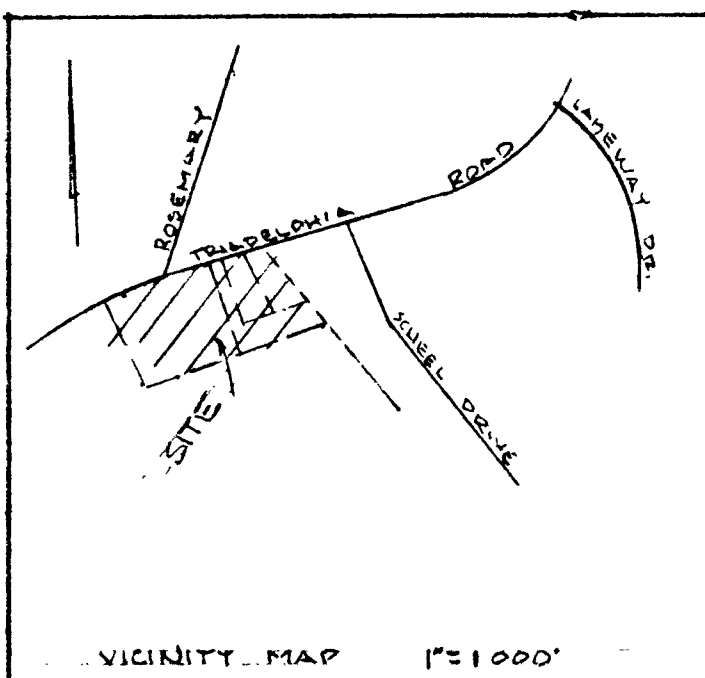
Preliminary

(D.W.M.
app'd.)

3 or 4 Bedrooms

12895 In.
R.
E.C.
286-3809

VERNON M. BANDEL ^{sup.} PROPERTY
LIBER 184- FOLIO 291
SOUTH SIDE TRIADDELPHIA ROAD
2RD ELEC. DIST. HOWARD CO., MD
SCALE 1"=50' MARCH 30, 1976



EXISTING STONE FOUND

COORDINATES FROM BANDEL PROPERTY SURVEY BY DALTON DALTON LITTLE FOR HOWARD COUNTY, MD			
	NORTH	EAST	
1.	524 205.26	811 706.95	
2.	523 842.68	810 755.48	
3.	524 164.06	810 564.39	
4.	524 246.17	810 751.67	
5.	524 354.44	810 693.22	
6.	524 394.75	810 738.11	
7.	524 592.62	811 390.80	

THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE HEALTH DEPARTMENT.

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE HEALTH DEPARTMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO PUBLIC SEWAGE SYSTEM.

HUDKINS ASSOCIATES
ENGINEERS - SURVEYORS
231 JOSEPH SQUARE
COLUMBIA, MARYLAND 21044
730-9060

TAX MAP 22 P. 30
TOTAL AREA LOTS = 10.71 AC.
NUMBER OF LOTS = 4

APPROVED: FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR DATE

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT. THAT IT IS A SUBDIVISION OF THE REMAINDER OF ALL THE LANDS CONVEYED BY ELMER THOMPSON AND JULIA THOMPSON TO VERNON M. BANDEL AND INA MAE BANDEL, HIS WIFE, BY A DEED DATED MARCH 1, 1945 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER 184 FOLIO 391 AND THAT MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

Walter Park July 12, 1976
WALTER PARK
REGISTERED SURVEYOR #5539 DATE

DEDICATION FOR INDIVIDUALS

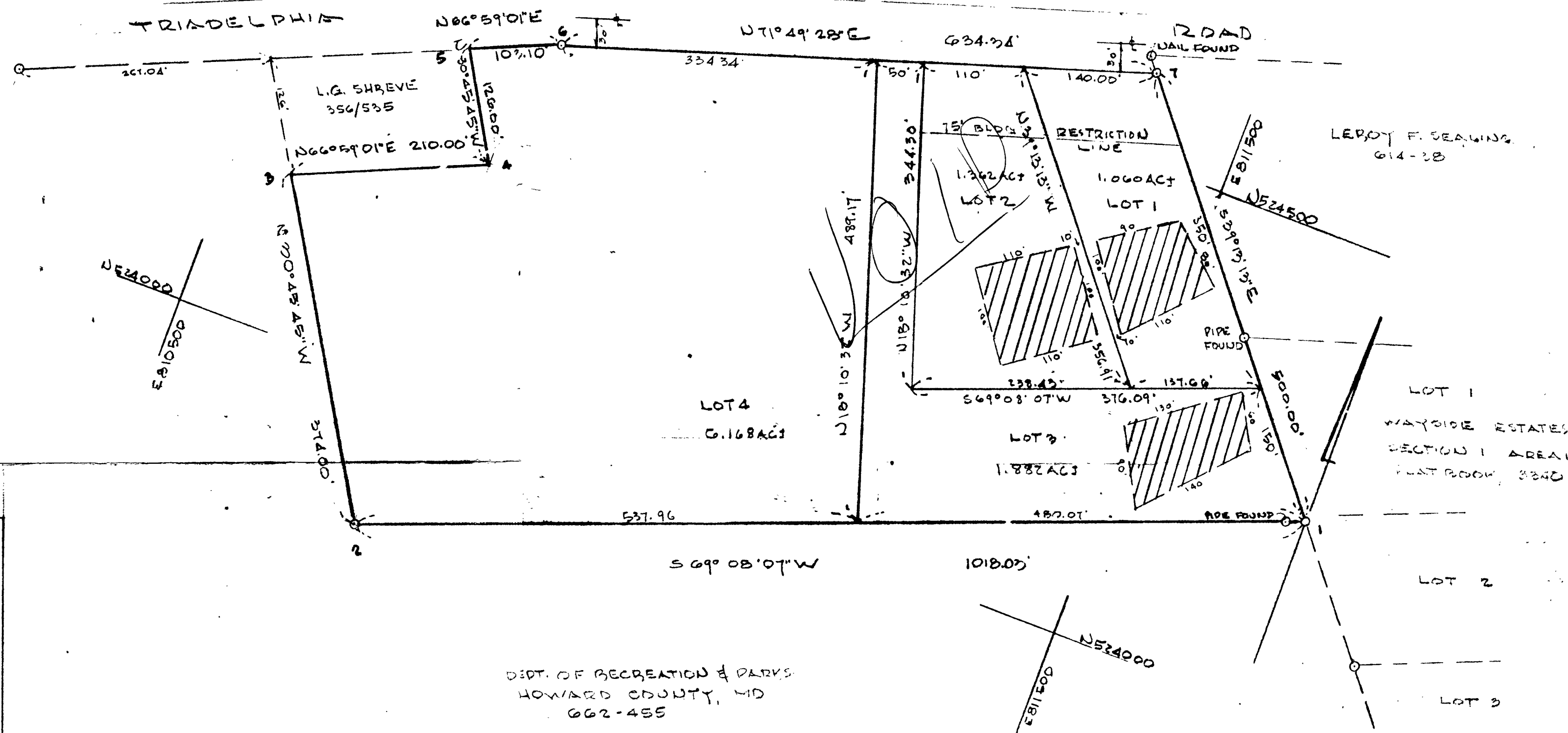
WE, VERNON M. BANDEL AND INA MAE BANDEL, OWNERS OF THE PROPERTY SHOWN HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES, ALL EASEMENTS OR RIGHTS OF WAYS AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION. WITNESS MY HAND THIS DAY OF

Vernon M. Bandel Ina Mae Bandel
VERNON M. BANDEL INA MAE BANDEL

BANDEL SUBDIVISION
TRIADELPHIA MILL ROAD
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=100' JULY 8, 1976

RECEIVED

JUL 20 1976
DIVISION OF LAND
DEVELOPMENT
OF HOWARD COUNTY



4-131 Helen
10,000 ft
APPLICATION

A 23243

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

5/12/76
9:30
HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3

DATE 5/10/76

VOLD
NO
AS OF 4/9/76 (CW)

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Vernon & Ina Bandel

ADDRESS 12895 Triadelphia Road, Ellicott City, Md. PHONE 286-3809

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. #2

ROAD AND DESCRIPTION Triadelphia Road beside 12895

SIZE OF LOT 1 acre TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____ (Single Fmly. Dwllg.)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Vernon Bandel

APPROVED BY _____ FOR _____ DATE _____

(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____

(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS WWZ DATE 5/12/76

REASONS FOR REJECTION OR HOLDING final plat

THIS IS NOT A PERMIT

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3
DATE 5/10/76

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Vernon & Ina Bandel

ADDRESS 12895 Triadelphia Road, Ellicott City, Md PHONE 286-3809

PROPERTY LOCATION:

SUBDIVISION AS LOT NO. B1

ROAD AND DESCRIPTION 12895 Triadelphia Road

SIZE OF LOT 1 ac ± ~~7.6 acres~~ TYPE BLDG. Existing house 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Vernon Bandel

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS WWZ DATE 5/12/76

REASONS FOR REJECTION OR HOLDING final plat

THIS IS NOT A PERMIT

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

A _____

P _____

DISTRICT 3

DATE 5/10/76

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Vernon & Ina Bandel

ADDRESS 12895 Triadelphia Road, Ellicott City, Md. PHONE 286-3809

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 12895 Triadelphia Road

SIZE OF LOT 7.6 acres TYPE BLDG. Existing house
NUMBER OF BEDROOMS 3

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Vernon Bandel

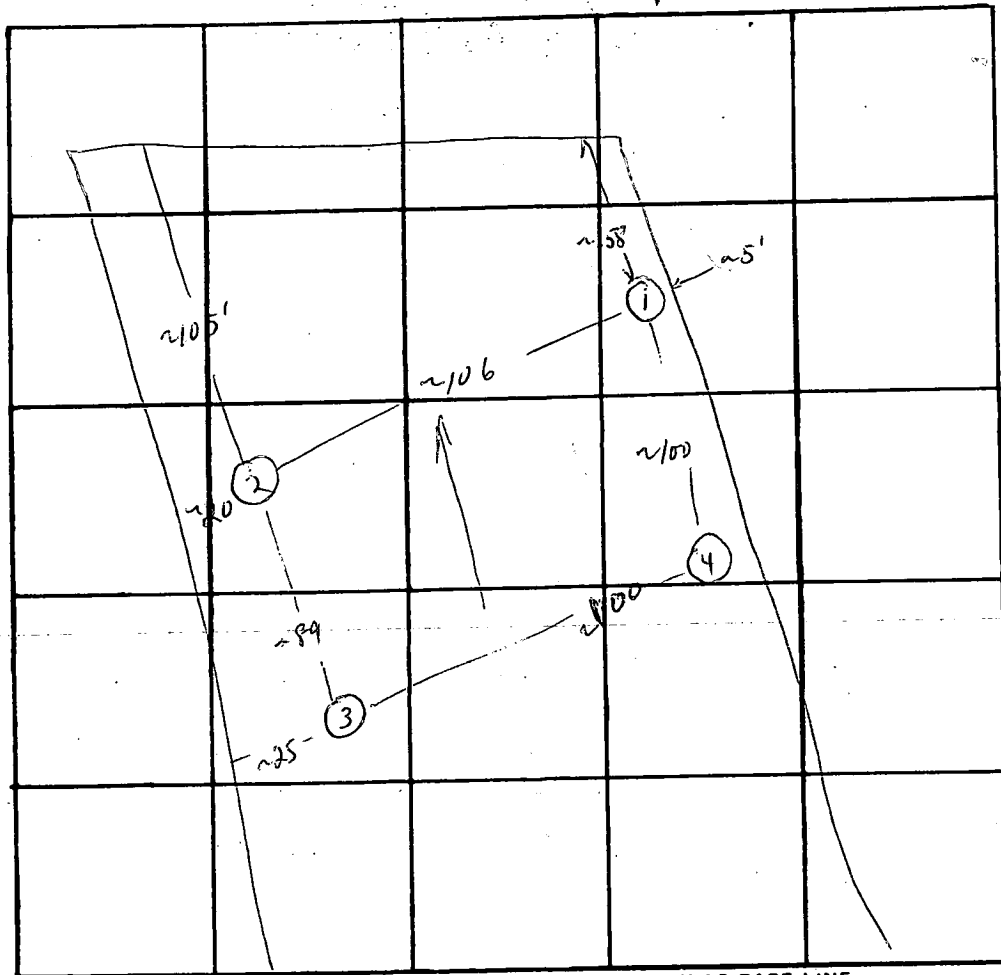
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

← TRIAD. RD →

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/12/76	1	3 1/2	10:39	10:43	10:43	10:50	7
	low } 1-A	13	10:39	10:45	10:45	10:52	7
	2	3 1/2	10:56	11:01	11:01	11:08	17
	2-A	13	10:56	11:01	11:01	11:08	7
	3	4	10:51	10:55	10:55	11:06	11
	3-A	12 1/2	10:51	10:55	10:55	11:04	9
	4	11 1/2	visual; similar				

3, 4 in same illv; 1, 2 in same illv

REMARKS

TYPE OF SOIL

Sandy-mica all holes.

TESTED BY

WWZ

ALSO PRESENT:

Bandel, Fyock & Co.

(A) = Prop. 4 Bedrooms, 1 1/2 Story, Cape Cod House

F.F.E. = 572.0

Gar. Elev. = 571.0

B'smt. Elev. = 552.0

Inv. Elev. = 566.1

(B) = Prop. Septic Tank

Ex. Elev. = 567.9

Inv. In = 565.7

Inv. Out = 565.4

(C) = Prop. Dist. Box

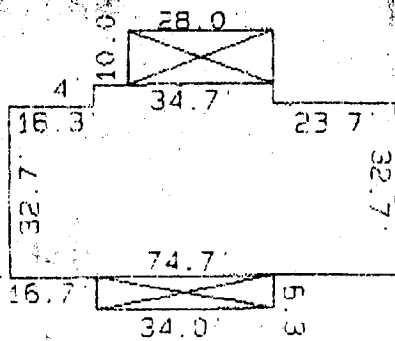
Ex. Elev. = 568.0

Inv. Elev. = 564.8

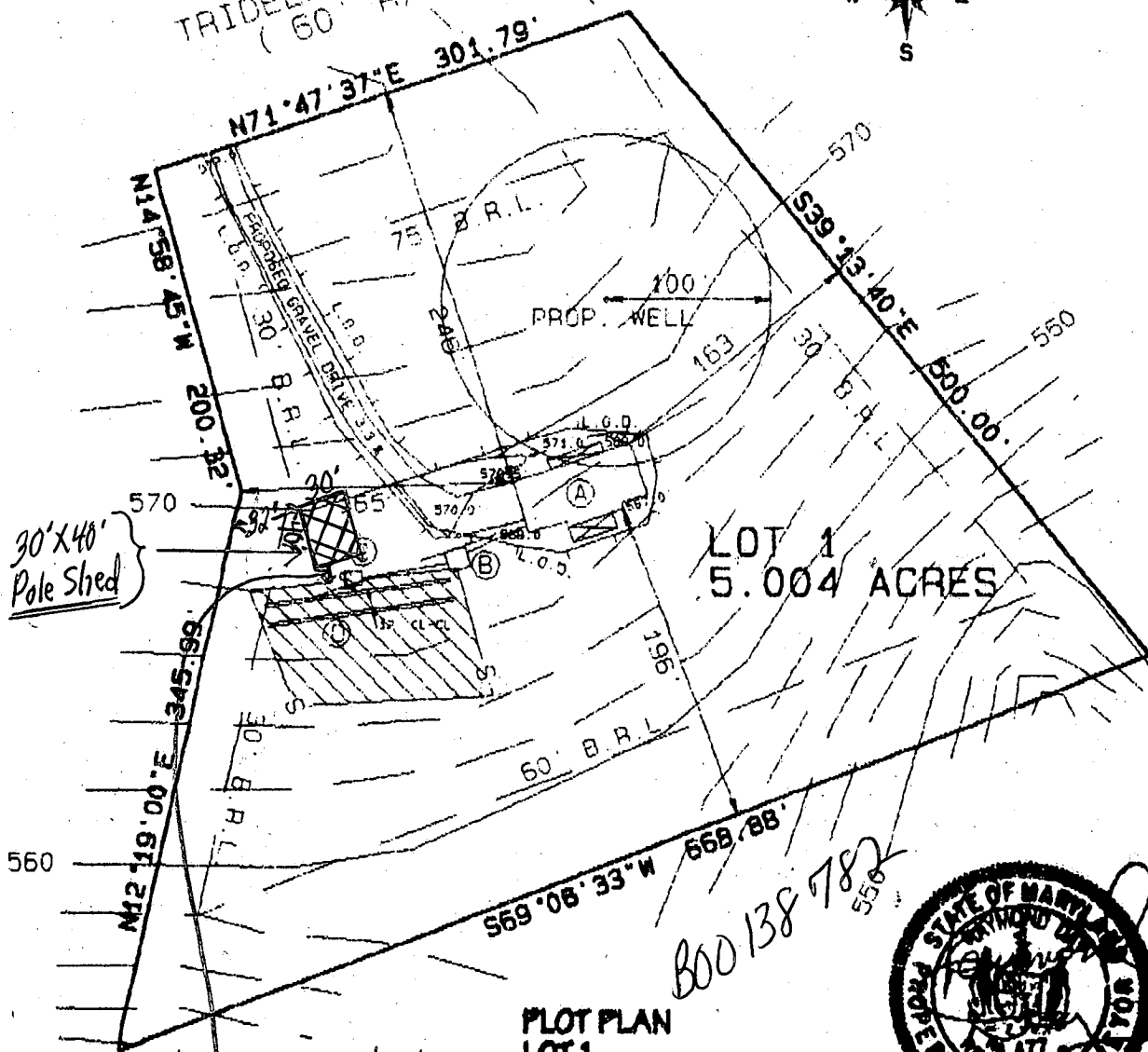
(D) = Prop. Trenches

Inv. Elev. = 564.5

Length to be determined
at time of septic permit
issuance.



TRIDELPHIA ROAD
(60' R/W)



PLOT PLAN

LOT 1

BANDEL PROPERTY

12875 TRIDELPHIA ROAD

ELECTION DISTRICT No. 3

SCALE: 1" = 100' AUGUST 2001

OWNER: DONALD BANDEL

BUILDER: BARNARD BROTHERS CONSTRUCTION CO.



5' 10/10/02
proposed pole
shed on

(SRK)

NOT ON FOUNDATION
OR SLAB

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN
ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND
RECORDS OF HOWARD COUNTY, MARYLAND, AS
REFERENCED HEREON.

REFERENCE
PLAT No. 240B

JOB NO.

RAYMOND J. DAY
LAND SURVEYOR
65 DRIFTWOOD DRIVE
SWANTON, MARYLAND 21561
301-387-8573