

7/30/98
11-12
3:30

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510150

~~A-59215~~

DISTRICT 1st

DATE 5-18-98

DATE SYSTEM APPROVED 7/30/98

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~461-9933~~ 410-313-2640

INDEXED

New Dimensions Plumbing & Excavating, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 3018 Bachman Rd, Manchester, MD 21102 PHONE 410-239-4359

SUBDIVISION _____ LOT _____ ROAD 6589 Belmont Woods Road

PROPERTY OWNER John Boyd & Meg Schumacher

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box as shown on approved building permit site plan. Run trenches on contour as shown.

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

PLANS APPROVED BY Donna K. Soe DATE 03/19/98

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

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

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

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

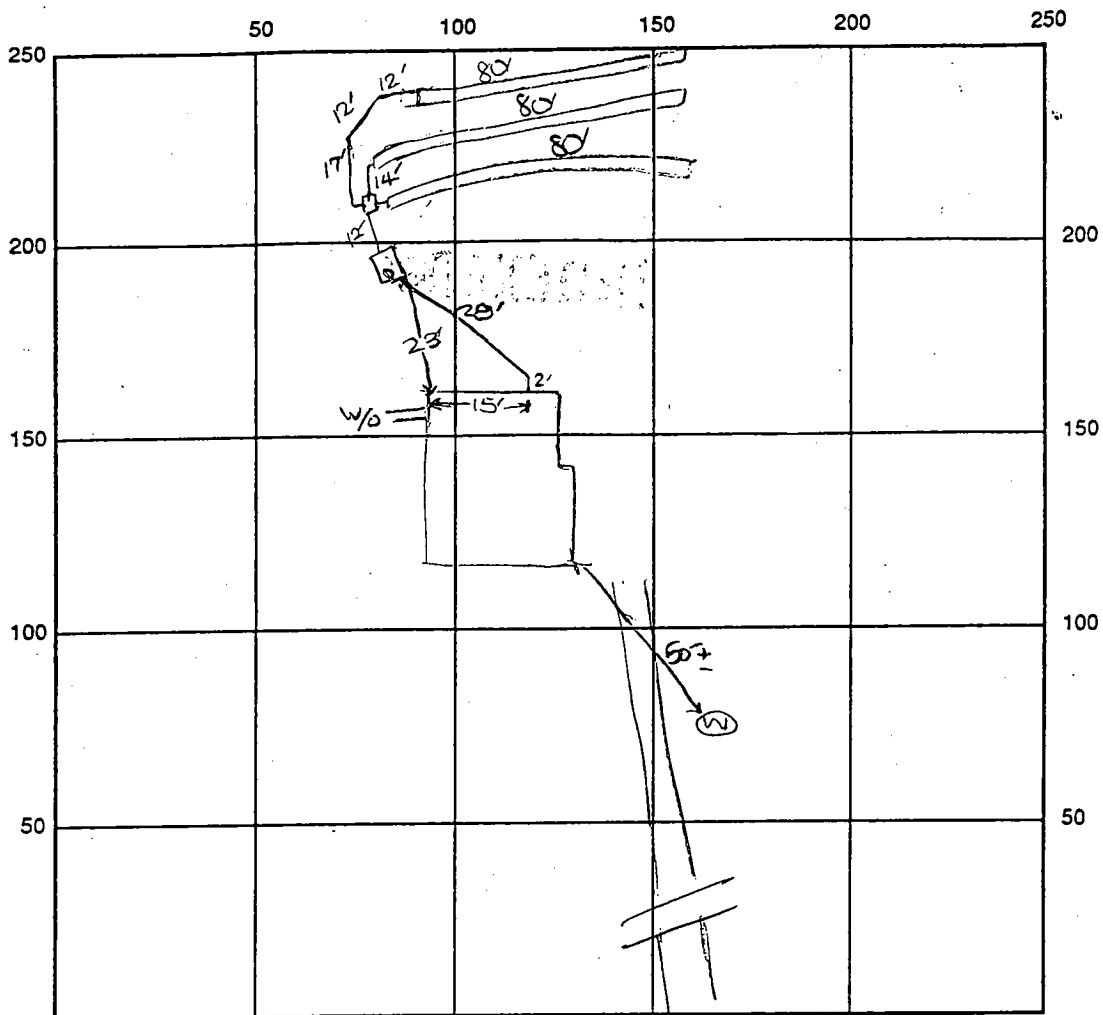
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A-59215



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Belmont Woods Road

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on septic tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3 x 80 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: 7/30/98 a.m. OK to continue work. DKS

7/30/98 a.m. FINAL INSP - OK to cover all work. DKS

DATE SYSTEM APPROVED 7/30/98

INSPECTOR [Signature]

11-24-97
10:00

APPLICATION

PERCOLATION TESTING

A 59215

P _____

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

11-5-97
Preview OK.
- Evaluate exist. house -
testing may not be
necessary
- Testing to build one
house. ~~OK~~

DISTRICT _____

DATE 11/5/97

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

ALM

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

PROPERTY OWNER Dale Schumacher

ADDRESS 6561 Belmont woods Rd. Elkridge MD 21227 PHONE 410-746-4550

AGENT OR PROSPECTIVE BUYER John Boyd

ADDRESS 6561 Belmont woods Rd Elkridge MD 21227 PHONE 746-4551

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 6589 to 6584 Belmont Woods Rd

**BLDG. PERMIT SIGNED
AND RETURNED 3-19-98**
Sheet # B-110198

TAX MAP 32 PARCEL # 9 & 106

SIZE OF LOT TBD TYPE BLDG. Single family - 4 Broom
(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.

John Boyd
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING HOLD FOR PLAN, PERC OK 12/2/97

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

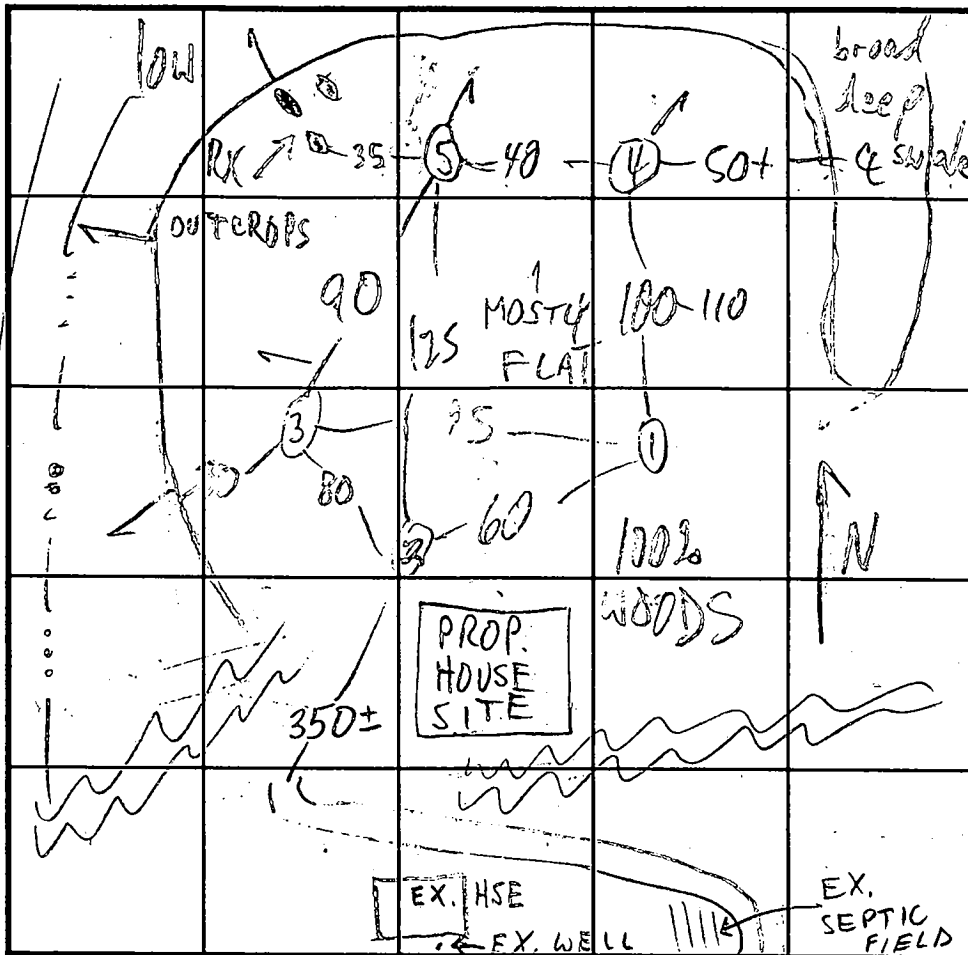
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' orge
cl
and
5% frags
5 1/2' X tan
sand
15-20% frags
X HARD



SOIL PROFILE

0' orge
brn
sacl
1m
3
beige
tan
sand
15% frags
HARD 1/2-11

5 1/2'

East WEST

tan brn
sacl
1m
beige
tan
sand
15-20% frags

BELMONT WOODS RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TO ELIBANK DR.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/24/97	1 S	5 1/2 EAST	11:05	11:22	SLOW		
	1 S	3 WEST	11:44	11:57	SLOW		
	1 S	5 WEST	12:03	12:04	12:04	12:07	3
	1 V	12	see profile		HARD BOT		
	2 S	3	11:52	12:05	SLOW		
	2 S	5'9"	12:14	12:15	12:15	12:17	2
	2 V	12	see profile				
	3 S	4	1:25	1:34	SLOW		
	3 S	4 1/2	1:43	1:52	1:52	2:12	20
	3 V	10	see profile		HARD BOT		
	4 S	4	12:38	12:40	12:40	12:45	3
	4 V	9 1/2	see profile		HARD BOT		
	5 S	3 1/2	12:54	1:05	SLOW		
	5 S	4	1:08	1:12	1:12	1:23	11
	5 V	11	HARD BOT				

REMARKS HOLES ①③ PER PLAN, OTHERS NOT PER PLAN

TYPE OF SOIL

TESTED BY M. Rifkin

ALSO PRESENT Mr. Cork (hoel) buyer builder

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8

TRENCH WIDTH 3

INLET DEPTH 4

MAXIMUM BOTTOM DEPTH 6

SQ. FT./BEDROOM 180

REPAIRS 3 1/2

5 1/2

tan
beige
sacl
1m
20% frags
HARD

Comments:

Date:

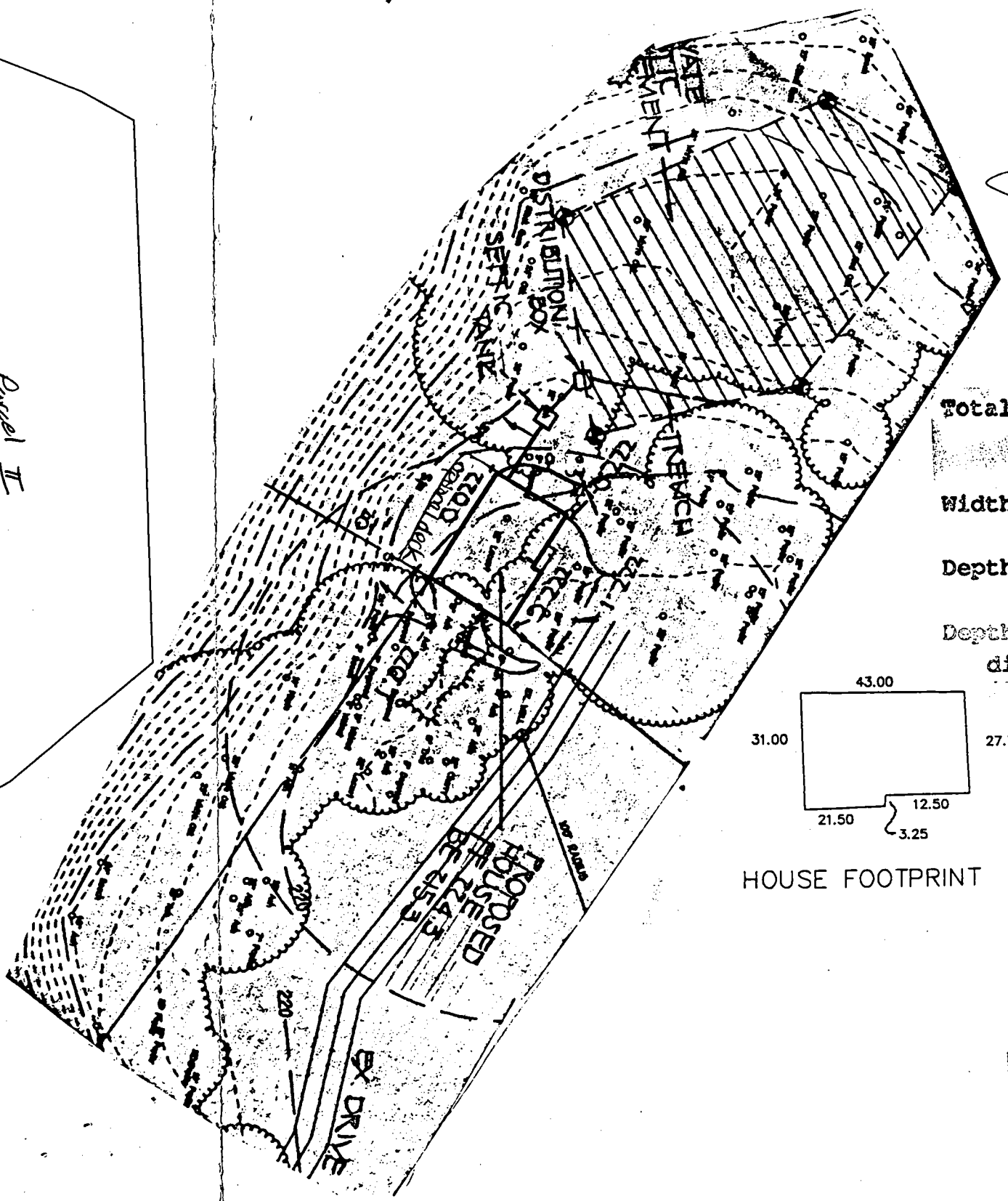
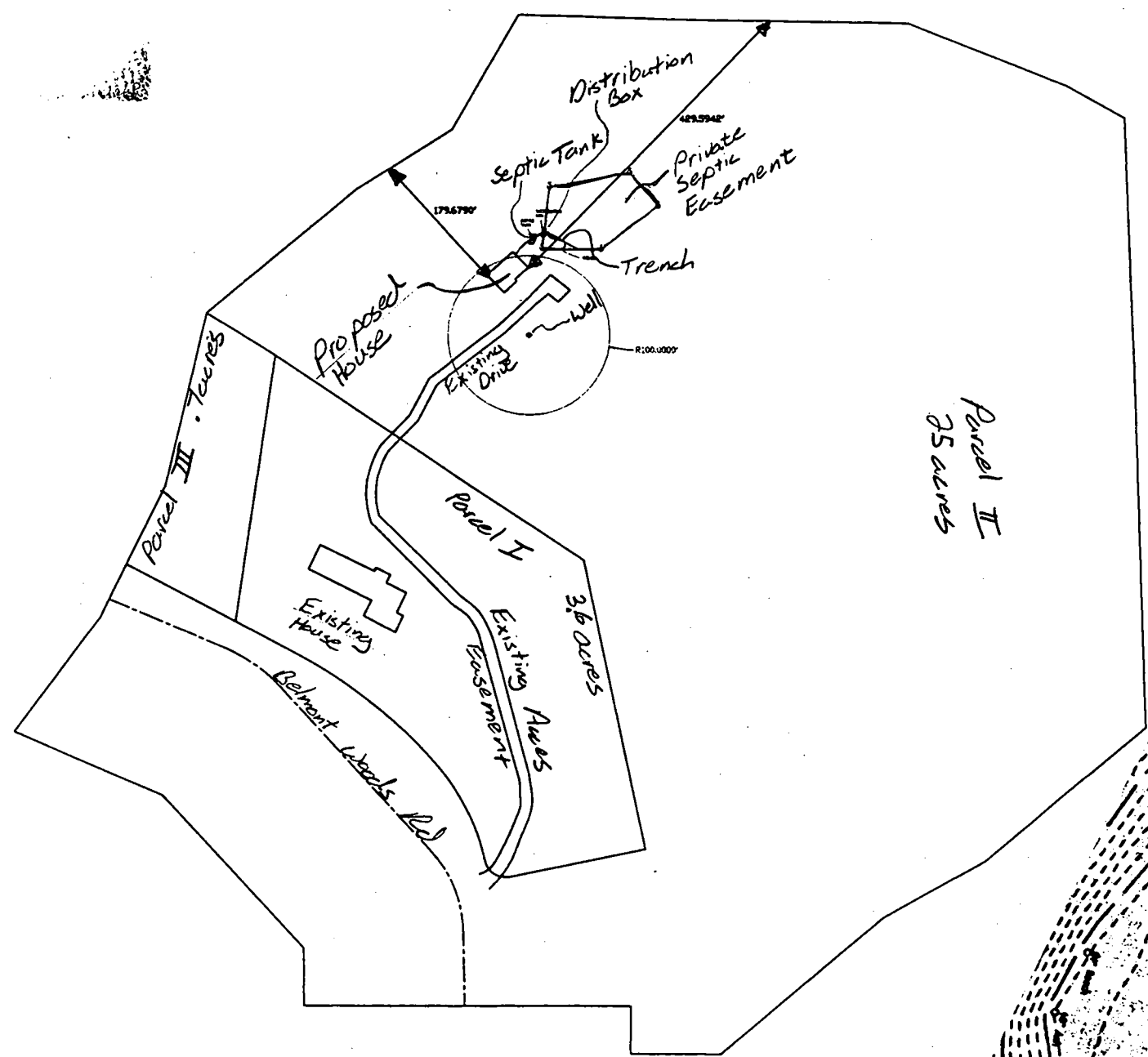
REVISED

GENERAL NOTES

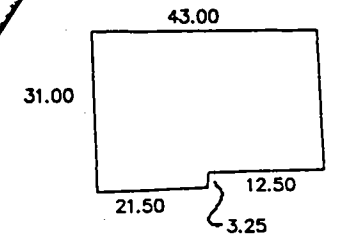
- FIRST FLOOR ELEVATION 224.30
- BASEMENT ELEVATION 215.30
- INVERT OF SEPTIC SYSTEM AT HOUSE 217.10
- INVERT IN AT SEPTIC TANK 216.60
- INVERT OUT AT SEPTIC TANK 216.30
- PROPOSED GRADE OVER SEPTIC TANK 218.50
- INVERT AT DISTRIBUTION BOX 215.00
- EXISTING GROUND OVER DISTRIBUTION BOX 219.00

Approved Septic System Plan
Howard County Health Department

[Signature] 3/19/98
Signature Date



Total linear feet of trench required 240 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 6 feet
 Depth of stone required below distribution pipe 2 feet



HOUSE FOOTPRINT

1998 MAR 16 A 11:00
HOWARD COUNTY HEALTH DEPARTMENT

B00110198

REVISED

Date: 3-13-98

Comments: correct plot

C 1 05136 SEQUENCE NO. (MDE USE ONLY)
 1 2 3 4 5 6
 (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 A59215

ST/CO USE ONLY DATE RECEIVED: MM 03 DD 19 YY 98 DATE WELL COMPLETED: MM 03 DD 19 YY 98 Depth of Well: 22 150 26 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1415

OWNER Boyd John
 STREET OR RFD Belmont Woods Rd TOWN Elkridge
 SUBDIVISION JOHN BOYD PROP SECTION _____ LOT Map 32 P. 9

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	
Overburden	0	15	
Gray Rock	15	150	x

water was encountered at 84 & 120'

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
 TYPE OF GROUTING MATERIAL (Circle one) CEMENT BENTONITE CLAY
 NO. OF BAGS 5 NO. OF POUNDS 300
 GALLONS OF WATER 30
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 20 ft.
 (enter 0 if from surface)

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 Total depth of main casing (nearest foot) 20

OTHER CASING (if used)
 diameter inch _____ depth (feet) from _____ to _____

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

NUMBER OF UNSUCCESSFUL WELLS: 0
 WELL HYDROFRACTURED Y N

CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

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

DRILLERS LIC. NO. MWD 399
 DRILLERS SIGNATURE Thomas
 (MUST MATCH SIGNATURE ON APPLICATION)
 LIC. NO. M D 076
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C 2 DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10
E	11	12	13	14	15	16	17	18	19
A									
C	21	22	23	24	25	26	27	28	29
H									
S	31	32	33	34	35	36	37	38	39
C									
R	41	42	43	44	45	46	47	48	49
E									
N	51	52	53	54	55	56	57	58	59

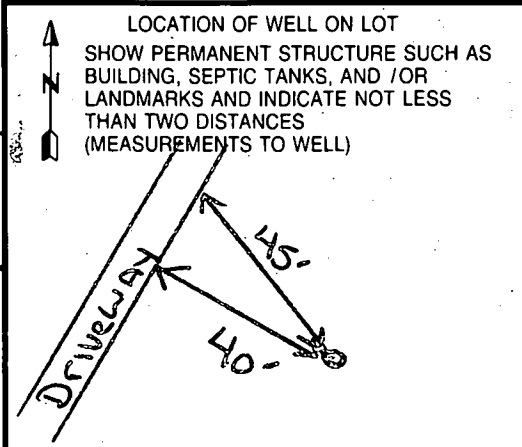
SLOT SIZE 1 _____ 2 _____ 3 _____
 DIAMETER OF SCREEN _____ (NEAREST INCH)
 from _____ to _____

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 CASING LOG INDICATOR OTHER DATA

C 3 **PUMPING TEST**
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min.) 15.0
 METHOD USED TO MEASURE PUMPING RATE Schmersolt
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 41 ft.
 WHEN PUMPING 67 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) _____ 31 _____ 35
 PUMP HORSE POWER _____ 37 _____ 41
 PUMP COLUMN LENGTH (nearest ft.) _____ 43 _____ 47
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE
 - below } _____ (nearest foot)





HOWARD COUNTY HEALTH DEPARTMENT

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

December 4, 1997

Mr. Dale Schumacher
6581 Belmont Woods Road
Ellridge, Maryland 21227

RE: Percolation Test Results
Application No. A59215
Proposed Use: Ex. Lot of Record
Property ID: Tax Map: 32 Parcel: 9
Belmont Woods Road

Dear Mr. Schumacher:

Percolation testing conducted November 24, 1997 on the above referenced property indicated limited satisfactory soil conditions. The primary limiting factors were deep clay layers and shallow depths to bedrock, although all tested locations were ultimately satisfactory. Copies of the percolation test results are enclosed.

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 a suitable house and well site. The plat should also include the locations of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, rock outcrops, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100 feet of property boundaries have been shown.

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

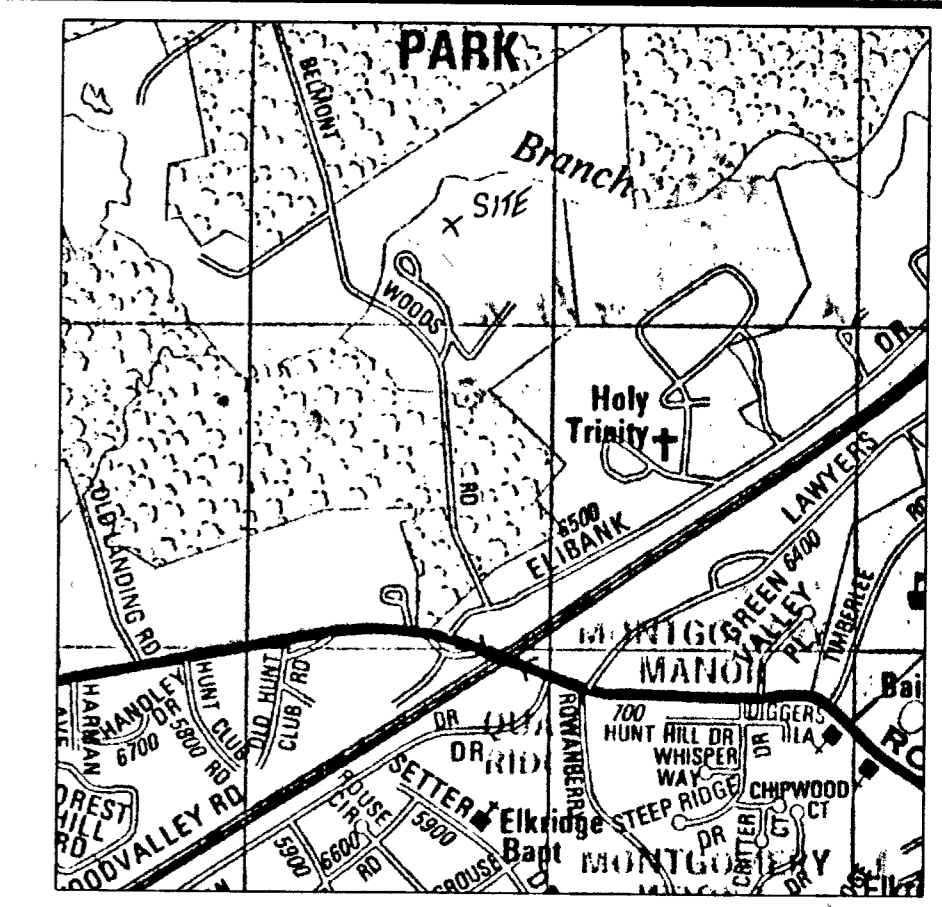
If you have any questions regarding this matter, please contact me at the below address or by calling 410-313-2640.

Very truly yours,

Mark Rifkin, R.S.
Water and Sewerage Program

MR: jr
Enclosures
cc: Tax Assessment Office
File

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323



VICINITY MAP
SCALE: 1" = 1200'

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHY.
3. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
5. (W) DENOTES WELL LOCATION.
6. (P) DENOTES PERC HOLE LOCATION.
7. OWNER & DEVELOPER:

John Boyd
6551 Belmont Woods Road
Elkrige, MD 21075-5202

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER: *Joyce M. Boyd* DATE: *2/9/98*

Signed
PERC CERTIFICATION PLAT
John Boyd Property
Parcel 3

TAX MAP 31 ZONED: R-ED PARCELS: 9
First Election District HOWARD COUNTY, MARYLAND
SCALE: 30 DATE: January 29, 1998

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
1100 EAST WASHINGTON STREET, SUITE 100
ELKRIE, MARYLAND 21075
410-461-2555

John C. Boyd
Meg Schumacher
6581 Belmont Woods Road
Elkridge, Maryland 21075
410-796-4551

March 5, 1998

Ms. Avis L. Corbin
Chief
Licenses & Permits Division
Department of Inspections, Licenses & Permits
George Howard Building
3430 Court House Drive
Ellicott City, MD 21043

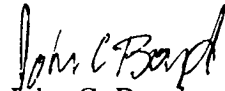
Subject: 6581 Belmont Woods Road

Dear Ms. Corbin:

This letter is to inform you that we are submitting a revision to the site plan provided with our building permit application (B 00110198). Attached are four copies of the revised site plan. Please note that the actual location of the home did not change, but the size and shape of the parcel has changed.

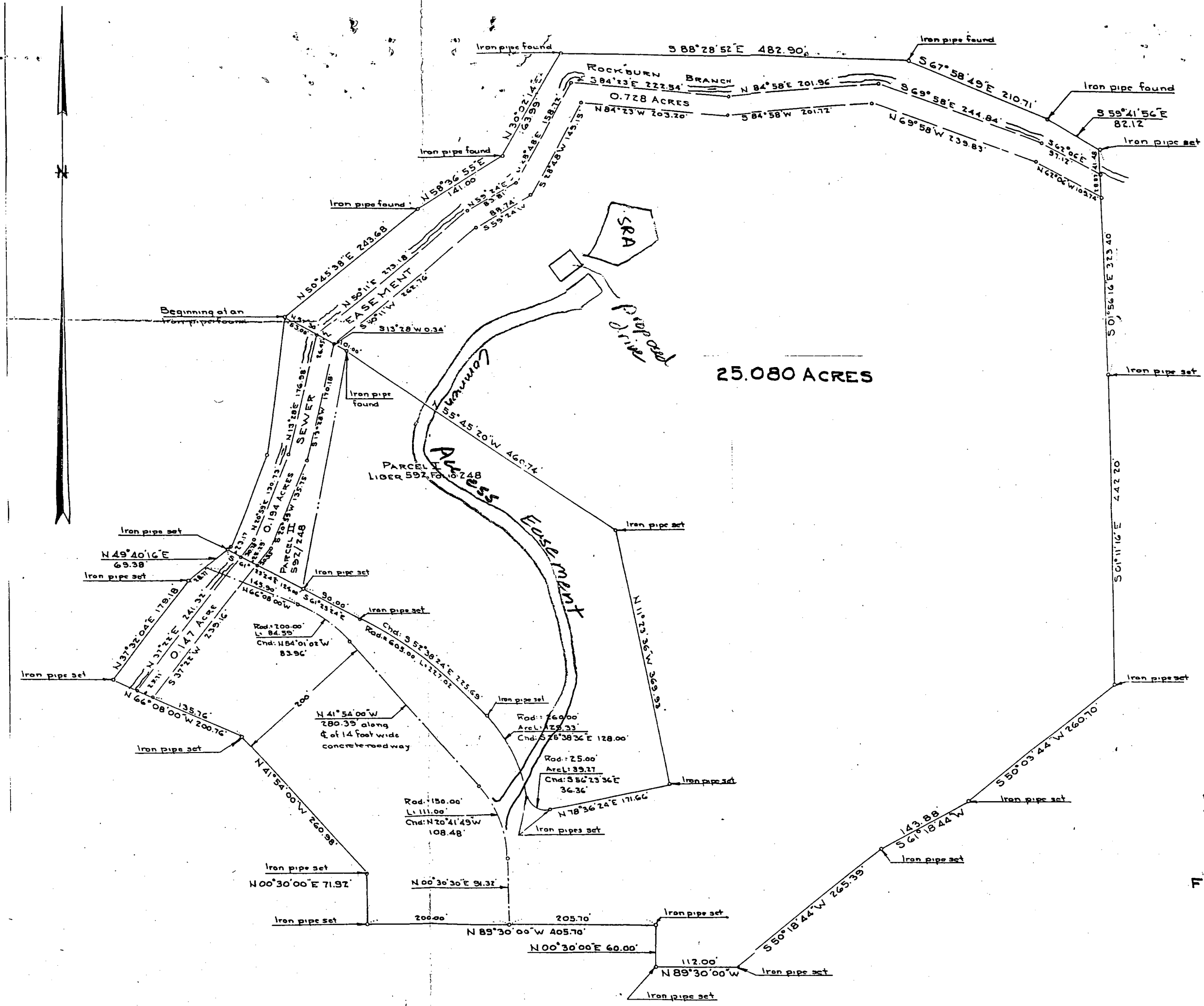
Please distribute this revised site plan to the appropriate county agencies. Thank you very much for your attention to this matter. Should you have any questions, please feel free to call me either at work (703-486-1993) or at home (410-796-4551).

Sincerely,


John C. Boyd

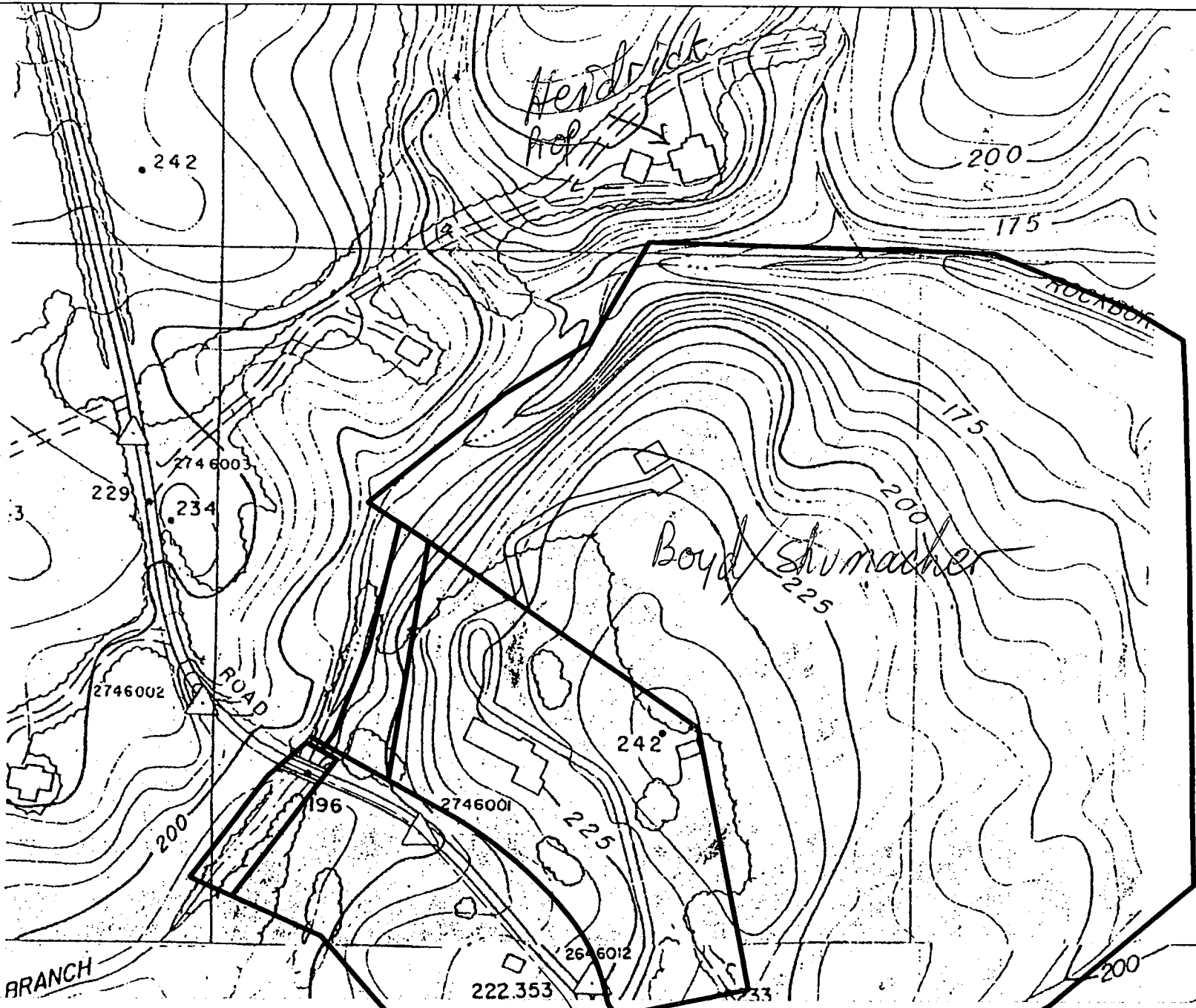
CC: Planning & Zoning
Engineering
~~Legal Dept~~
Plan Review
Sediment Control

REVISED
 to: 3-9-98
 6589 Belmont Wood Rd
 300110198
 Comments:
 parcel changed
 house didn't change



25.080 ACRES

FIR



1"=200'