

4/17/95

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50967B

A 49928

DISTRICT 2nd

DATE 11/9/95

DATE SYSTEM APPROVED 4/17/95

INSPECTOR GS (see

back of
street)

02-374749

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~313-2640~~ 313-2640

Jack Fyock Septic Service

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Hollenbeck Property LOT 2 ROAD 3406 Sylvan Lane

PROPERTY OWNER Dr. & Mrs. Gary Hollenbeck

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3½ feet below original grade. Bottom maximum depth 7½ feet below original grade. Effective area begins at 3½ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 270 feet down the left back lot line (629.64') and 300 feet off that same lot line when facing the lot from the driveway. Run trenches on contour toward the front lot line.

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

PLANS APPROVED BY Amy McMillen

DATE 09/16/94

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

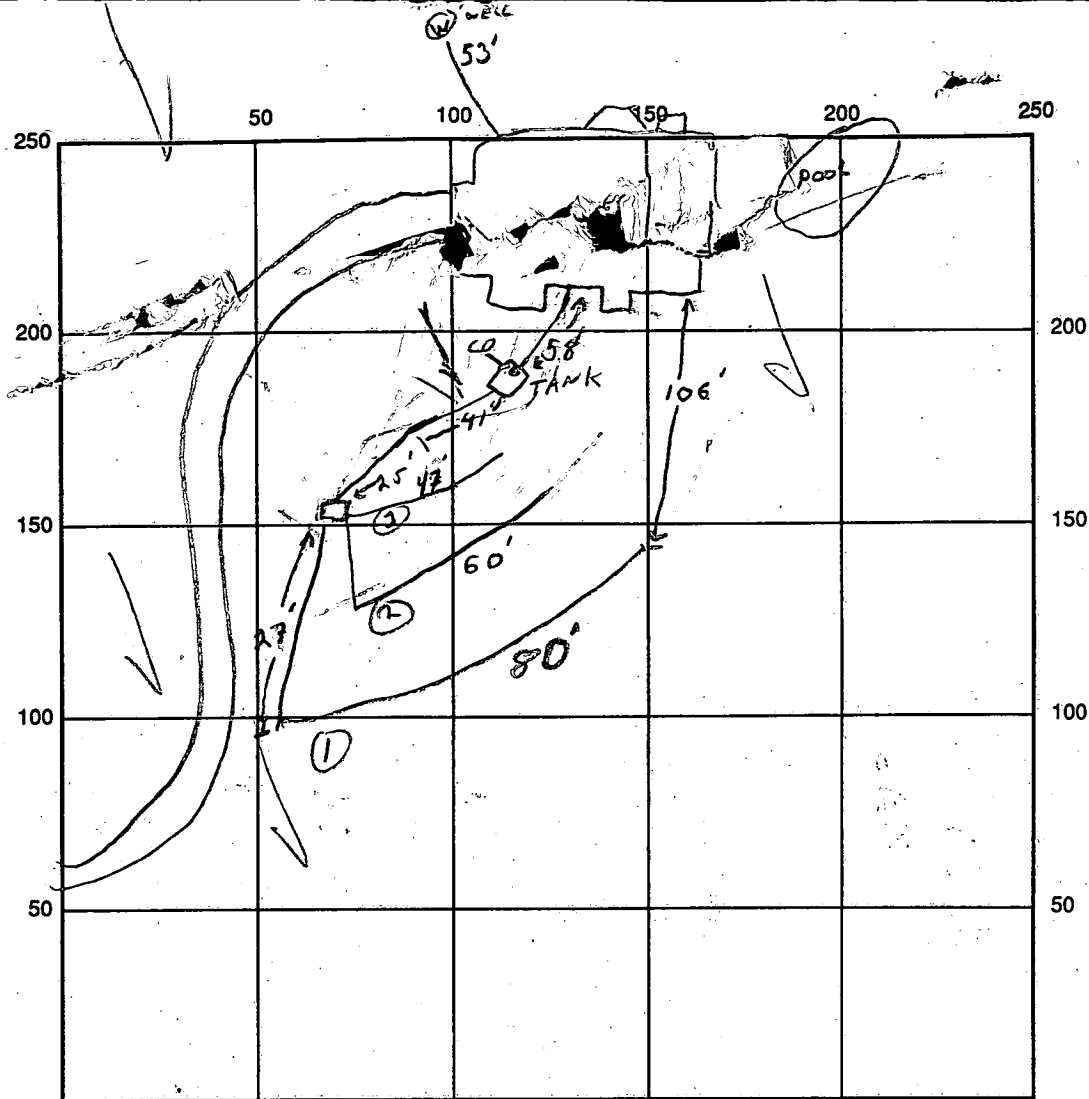
PERMIT VOID AFTER TWO YEARS

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
49928



80
60
47
187

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS 6" ON TANK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 2 FT. INLET DEPTH +3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 187 FT.

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

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET 4 FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 4/17/95 BOX NEEDS Baffle, OK TO COVER TRENCH 1, 2,
3 IS OK, 2/3 STONED, OK TO COVER ALL EXCEPT DISTRIBUTION BOX
AND ENDS OF TRENCH #3 BY 4/17/95 Baffle IN DISTRIBUTION BOX
TRENCH #3 COMPLETE, PAPER IN, OK TO COVER SYSTEM
ALSO WILL HAVE INSPECTION HO-94-0113 NO HOUSE CONNECTION YET, NO GROUND
CONNECTION - WIRES IN PLACE, OK TO COVER 5 WALL.

DATE SYSTEM APPROVED 4/17/95 INSPECTOR Eric L. Savage

APPLICATION

PERCOLATION TESTING

A 49928

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 3/18/94

*PREVIOUS OK - SUBD.
1 NEW LOT
1 RESIDUE LOT*

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 MR. GARY HOLLENBECK

ADDRESS 3405 SYLVAN LANE PHONE _____

AGENT OR PROSPECTIVE BUYER JOAN BANKARD

ADDRESS 3230 BETHANY LANE PHONE 465-7777

PROPERTY LOCATION:

SUBDIVISION HOLLENBECK LOT NO. 2 - SFD-4Bm

ROAD AND DESCRIPTION 3405 SYLVAN LANE

TAX MAP 25 PARCEL # 247

SIZE OF LOT 7 ACRES TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

John Bankard
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 5/16/94 for perc plat of certified holes; house with water well etc.

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

9-49928

(NEW LOT)

COUNTY #
LOT 2

SOIL PROFILE

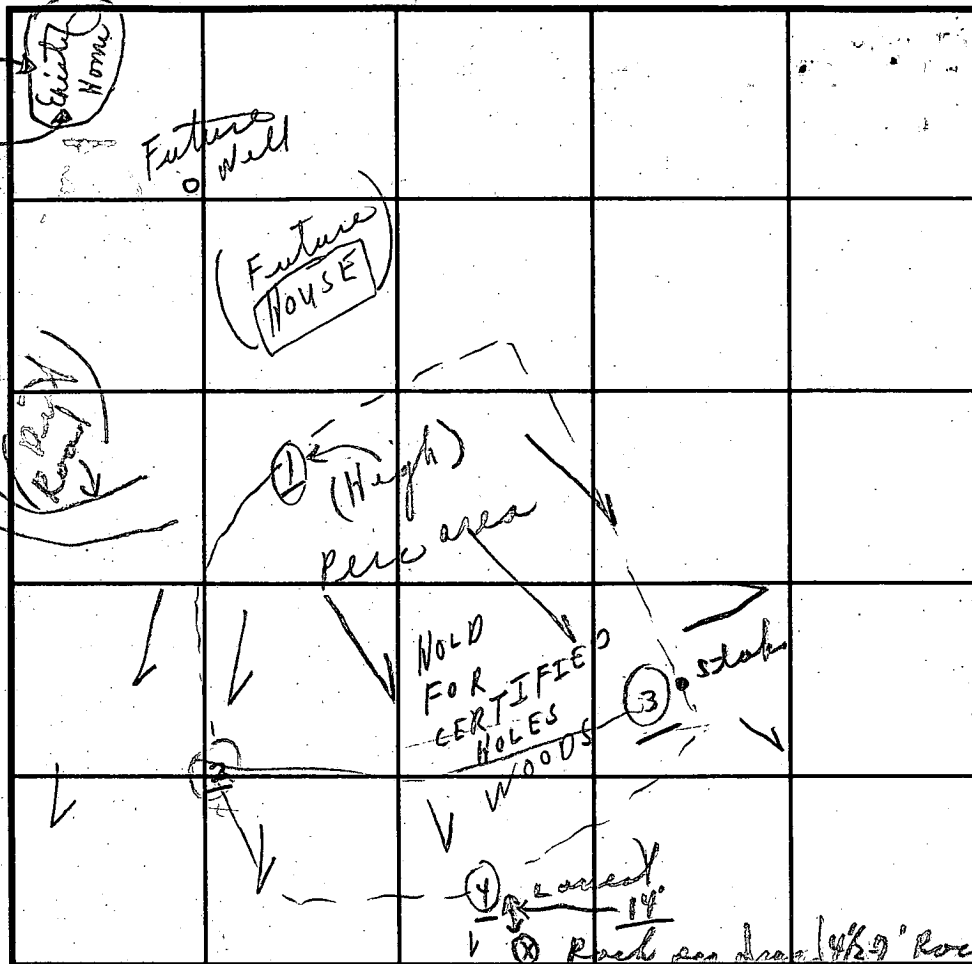
Hole (1)
0 - 3 1/2' T. Soil + Clay
3 1/2' to Sandy Loam
↓
DRY
15"

Hole (2)

0 to 4' Clay
4' to SANDY LOAM
↓
DRY
14 1/2' ±

Hole (3)

0 to 4 1/2' T. SOIL + CLAY
4 1/2' to Sandy Loam
↓
DRY
13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

Hole (4)
0 - 3 1/2' T. Soil + Clay
3 1/2' to SANDY LOAM
↓
11 1/2' ±
DRY

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/16/94	①	3 1/2'	10:28	10:30	10:30	10:32	2
A.M.	①	15'	0' - 3 1/2'	clay	100% sand	loam	
	②	4'	10:40	10:41	10:41	10:43	1 1/2' ±
	②	14 1/2'	0' - 4'	clay	all sand	loam	
	③	4 1/2'	10:36	10:37	10:37	10:39	2 ±
	③	13'	0' - 4 1/2'	clay	100% sand	loam	
	④	3 1/2'	10:45	10:46	10:46	10:48	1 1/2'
	④	11 1/2' ±	0' - 3 1/2'	clay	Sandy loam (caving)	Sandy loam	

NO WATER REMARKS SEE

5/16 Tests per stake; woods Hold for certified all Sandy loam in 4 holes (Rich & Bob)

TESTED BY C.B.D. ALSO PRESENT J. FLOCK'S MEIN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 2' BADGER, MIKE

INLET DEPTH 3 1/2' MAXIMUM BOTTOM DEPTH 7 1/2' SQ. FT./BEDROOM 180 sq ft per BR.

Follow contours with trenches (holes on periphery in woods)

5123		SEQUENCE NO. (DENV USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE				THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.			
1 2 3 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		6						COUNTY NUMBER 67 49928			
ST/CO USE ONLY DATE Received		DATE WELL COMPLETED		Depth of Well				PERMIT NO. FROM "PERMIT TO DRILL WELL"			
8 13		15 20		22 26 (TO NEAREST FOOT)				28 29 30 31 32 33 34 35 36 37			
OWNER		THE WINDSOR GROUP		last name				first name			
STREET OR RFD		SYLVAN LANE		TOWN				E.C. MD.			
SUBDIVISION		HOLLENSBACH		SECTION				LOT 2			
WELL LOG Not required for driven wells				GROUTING RECORD				C 3			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				WELL HAS BEEN GROUTED (Circle Appropriate Box)				PUMPING TEST			
DESCRIPTION (Use additional sheets if needed)				CEMENT CM BENTONITE CLAY BC				HOURS PUMPED (nearest hour)			
FEET				NO. OF BAGS NO. OF POUNDS				PUMPING RATE (gal. per min. to nearest gal.)			
FROM TO				GALLONS OF WATER				METHOD USED TO MEASURE PUMPING RATE			
Topsoil 0 2				DEPTH OF GROUT SEAL (to nearest foot)				WATER LEVEL (distance from land surface)			
mucky clay 2 48				from 0 48 ft. to 50 58 ft.				BEFORE PUMPING			
Sand Stone 48 50				(enter 0 if from surface)				WHEN PUMPING			
Granite 50 57				Casing types insert appropriate code below				TYPE OF PUMP USED (for test)			
Sand Stone 57 60				STEEL CO PL OT				A air P piston T turbine			
Granite 60 70				MAIN CASING TYPE				C centrifugal R rotary O other (describe below)			
Sand Stone 70 71				Nominal diameter top (main) casing (nearest inch)				J jet S submersible			
Granite 70 110				Total depth of main casing (nearest foot)				PUMP INSTALLED			
Sand Stone 110 112				OTHER CASING (if used)				DRILLER WILL INSTALL PUMP YES NO			
Granite 112 135				diameter depth (feet)				IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE			
Quartz 135 136				inch from to				TYPE OF PUMP INSTALLED			
Granite 136 200				SCREEN RECORD				PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:			
				screen type or open hole				CAPACITY: GALLONS PER MINUTE (to nearest gallon)			
				insert appropriate code below				PUMP HORSE POWER			
				ST BR HO PL OT				PUMP COLUMN LENGTH (nearest ft.)			
				C 2				CASING HEIGHT (circle appropriate box and enter casing height)			
				DEPTH (nearest ft.)				LAND SURFACE (nearest foot)			
				H 0 5 3 2 0 0				LOCATION OF WELL ON LOT			
				EACH SCREEN				SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)			
				SLOT SIZE 1 2 3				Side 100' well			
				DIAMETER OF SCREEN (NEAREST INCH)				150'			
				GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68				SYLVAN LANE			
				OEP 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							
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 IDENT. NO. 41											
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)											
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)											

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # - 0 -
Date 4/6/95

Name of Installer TAMCO, INC. / Tom Walters

Telephone (410) 472-2260

License Number 7348

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner GARY HOLLINBACH

Telephone (410) 465-8091

Subdivision Hollinsbach Property Lot # 2 Well Tag # HO - 94 - C115

Site Address 3401 Sylvan Lane

Pump

1. Type
 - a. Deep well jet ☐
 - b. Shallow well jet ☐
 - c. Submersible ☒
2. Make JACOZZI
3. Model #
4. Capacity GPM

Motor

1. Horsepower
2. RPM
3. Voltage
 - a. 110
 - b. 220

Pitless Adapter

1. Make
2. Model #
3. Depth

5. Pump exceeds well capacity Yes ☐ No ☒
6. If Yes, is low pressure cutoff switch installed? Yes ☐ No ☒
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☐ Cable guards ☐ Other ☐

Tank

1. Capacity
2. Pressure relief valve? ☐

Piping

1. Type Polyethylene
2. Size 1"
3. NSF and/or BOCA Code approved Y11
4. Depth of supply line 4'

Well data

1. Depth 200' ft.
2. Yield 12 GPM
3. Static water level ft.
4. Will water supply be disinfected by installer? YES

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

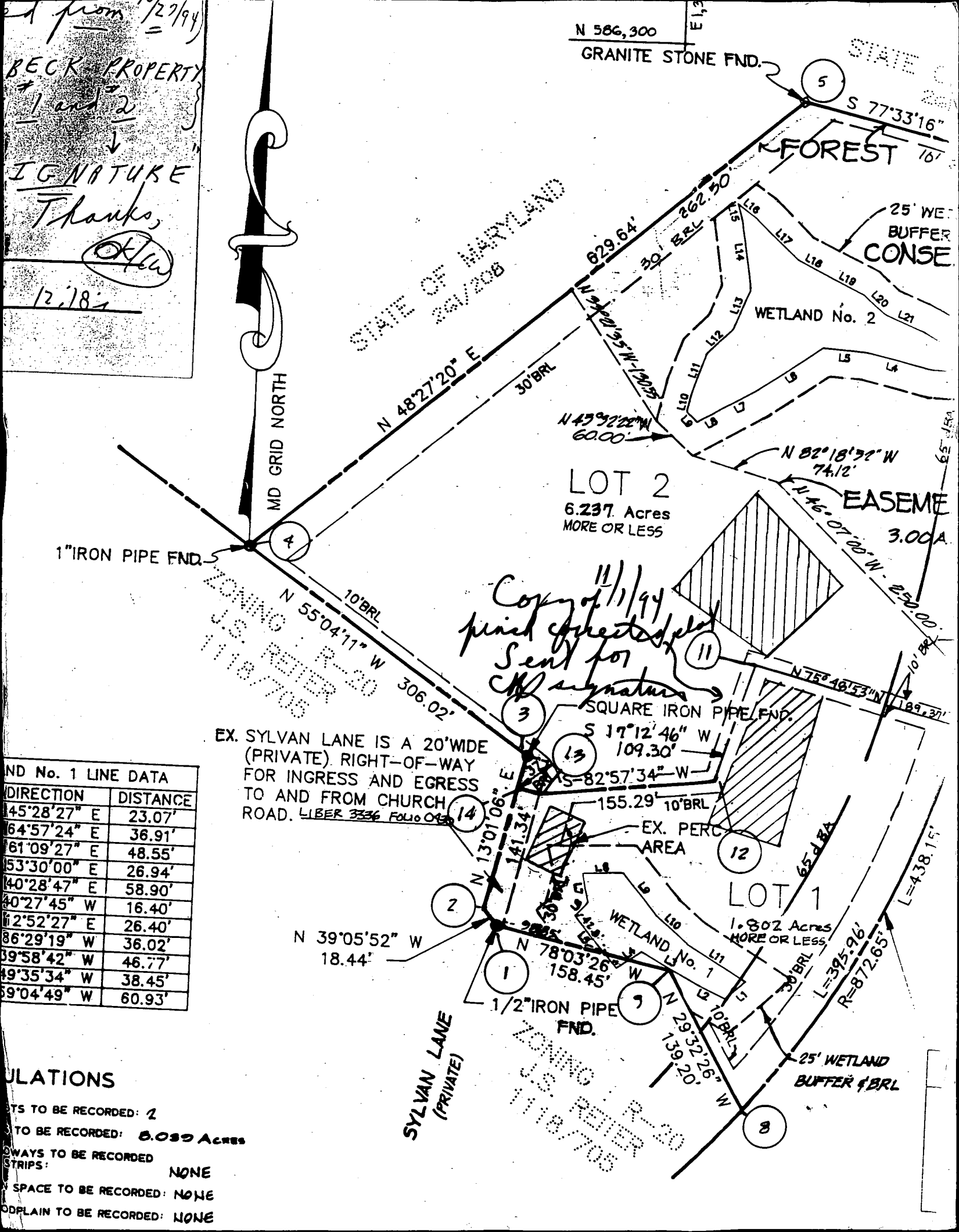
All information given above is true to the best of my knowledge.

Signature of Applicant: Thomas M. Walters

Date: 4/6/95

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

from 1/27/94
 BECK PROPERTY
 #1 and #2
 ↓
 SIGNATURE
 Thanks,
 (Signature)
 12/18/94



ND No. 1 LINE DATA	
DIRECTION	DISTANCE
45°28'27" E	23.07'
64°57'24" E	36.91'
61°09'27" E	48.55'
53°30'00" E	26.94'
40°28'47" E	58.90'
40°27'45" W	16.40'
12°52'27" E	26.40'
86°29'19" W	36.02'
39°58'42" W	46.77'
49°35'34" W	38.45'
69°04'49" W	60.93'

ULATIONS

PTS TO BE RECORDED: 2

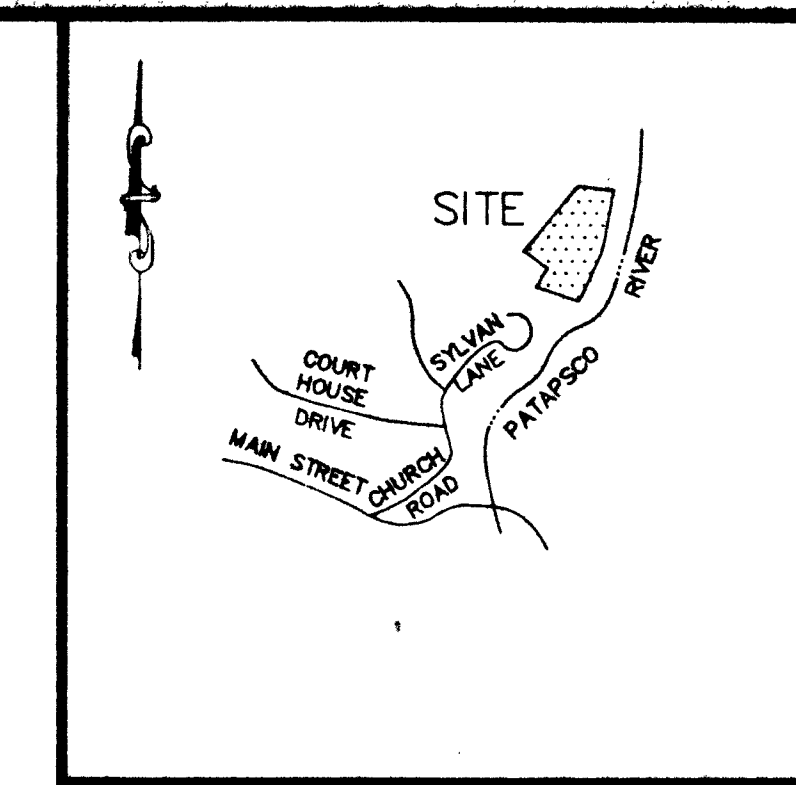
TO BE RECORDED: 8.039 Acres

WAYS TO BE RECORDED

STRIPS: NONE

SPACE TO BE RECORDED: NONE

ODPLAIN TO BE RECORDED: NONE



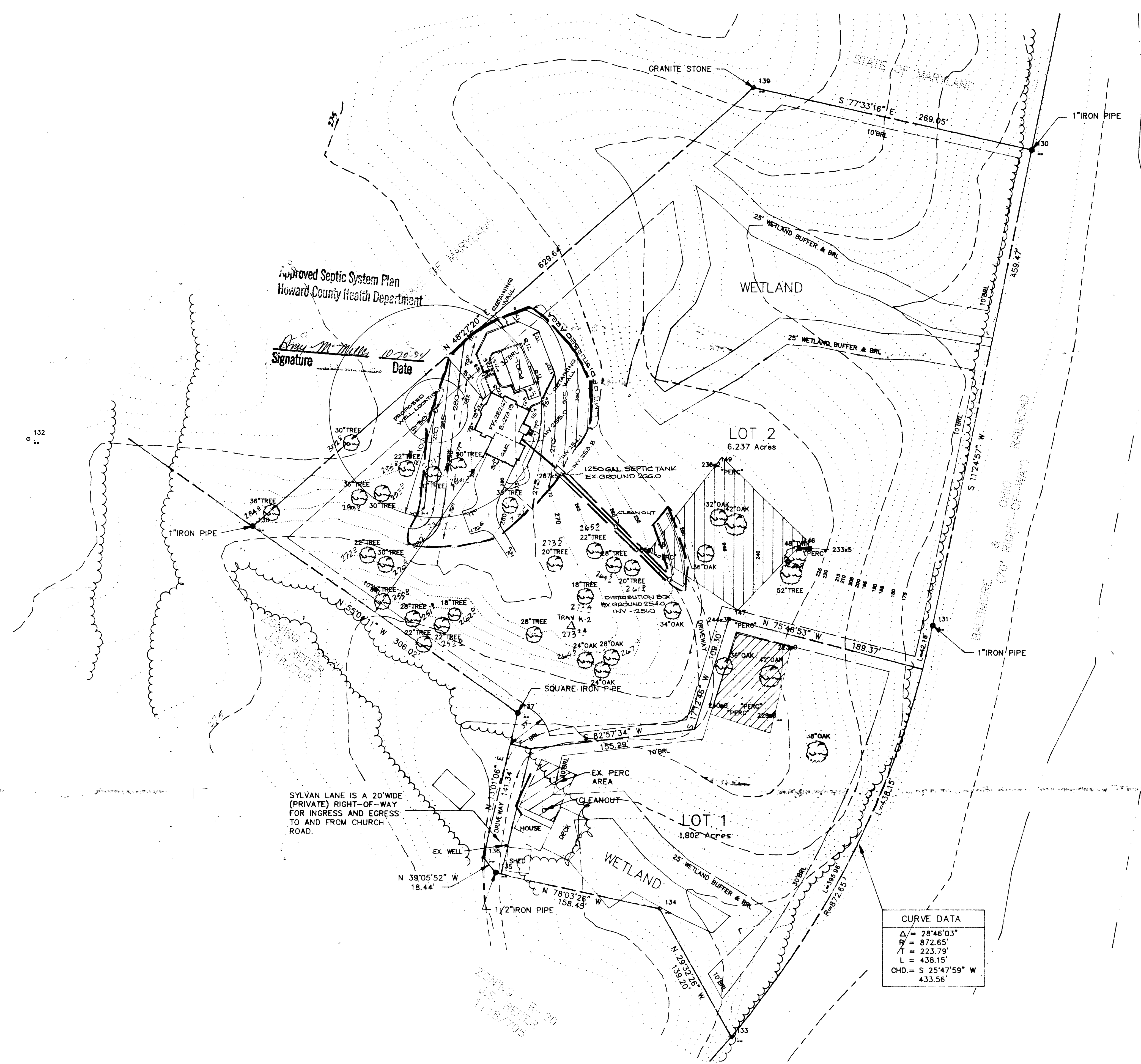
VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES:

1. TAX MAP: 25 BLOCK: 8 PARCEL: 247.
2. EXISTING ZONING: R-20

NOTES:

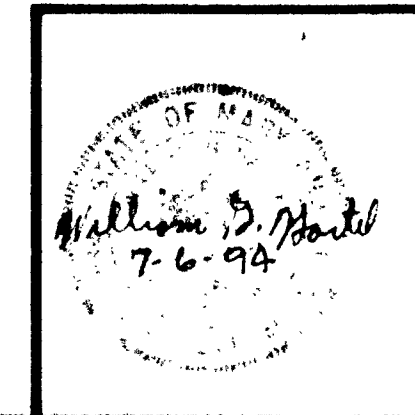
1. THERE ARE NO KNOWN SEPTIC AREAS WITHIN 100' OF THE PROPOSED WELL.
2. THERE ARE NO KNOWN EXISTING WELL WITHIN 100' OF THE PROPOSED SEPTIC AREA.
3. TOPO SHOWN HEREON IS BASED ON HOWARD COUNTY GEODETIC CONTROL NAD 83.
4. BOUNDARY SHOWN HEREON WAS PREPARED BY BOENDER ASSOCIATES INC. DATED MARCH, 1994.
5. PERCOLATION TEST HOLES SHOWN (O) HAVE BEEN FIELD LOCATED.
6. LENGTH OF TRENCHES TO BE DETERMINED AT TIME OF PERMIT ISSUANCE.
4. CONTOUR INTERVAL - 5 FOOT



CURVE DATA

$\Delta = 28^{\circ}46'03''$
$R = 872.65'$
$L = 223.79'$
$L = 438.15'$
CHD = S 25^{\circ}47'59'' W 433.56'

CLARK • FINEROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7200 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED R.M.T.	SITE DEVELOPMENT PLAN LOT 2 HOLLENBECK PROPERTY 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=50'
DRAWN R.M.T.		DRAWING 1 OF 1
CHECKED J.M.E.		JOB NO. 24-163
DATE 8/22/94		FILE NO. 24-163X
FOR: WINDSOR HOMES 9050 FREDERICK ROAD SUITE E ELLICOTT CITY, MD. 21042		



TITLE TOPOGRAPHIC SURVEY	
PROJECT HOLLENBECK PROPERTY	
LOCATION 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TAX MAP: 25	PARCEL: 247
SCALE: 1"=50'	DESIGNED BY: JRG
FIELD BOOK: 93228	CHECKED BY: JRG
DATE: 8/22/94	REVISION: 1

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Boender Associates
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