

2/25/99
2:00
2/26/99
11:00

PERMIT

03-321843

SEWAGE DISPOSAL SYSTEM

P 511426

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 38250

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

DATE 2/18/99

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 2/26/99

INSPECTOR DKS

INDEXED

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

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

SUBDIVISION W. Friendship Estates-Sec. 2 LOT 86 ROAD 3173 Fox Valley Drive

PROPERTY OWNER Altieri Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS **BUILDING PERMIT SIGNED AND RETURNED**

NUMBER OF BEDROOMS 4 **6304 BODM 211-DECK**

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Begin trenches 140 feet up the right (252.66') lot line and 15 feet off that same lot line as seen when facing the lot from Fox valley Drive. Run trenches on contour toward the left 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 1/19/99 DKS

PLANS APPROVED BY Amy McMillen/Kimberly Maiste REVISED _____ DATE 12/24/98

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

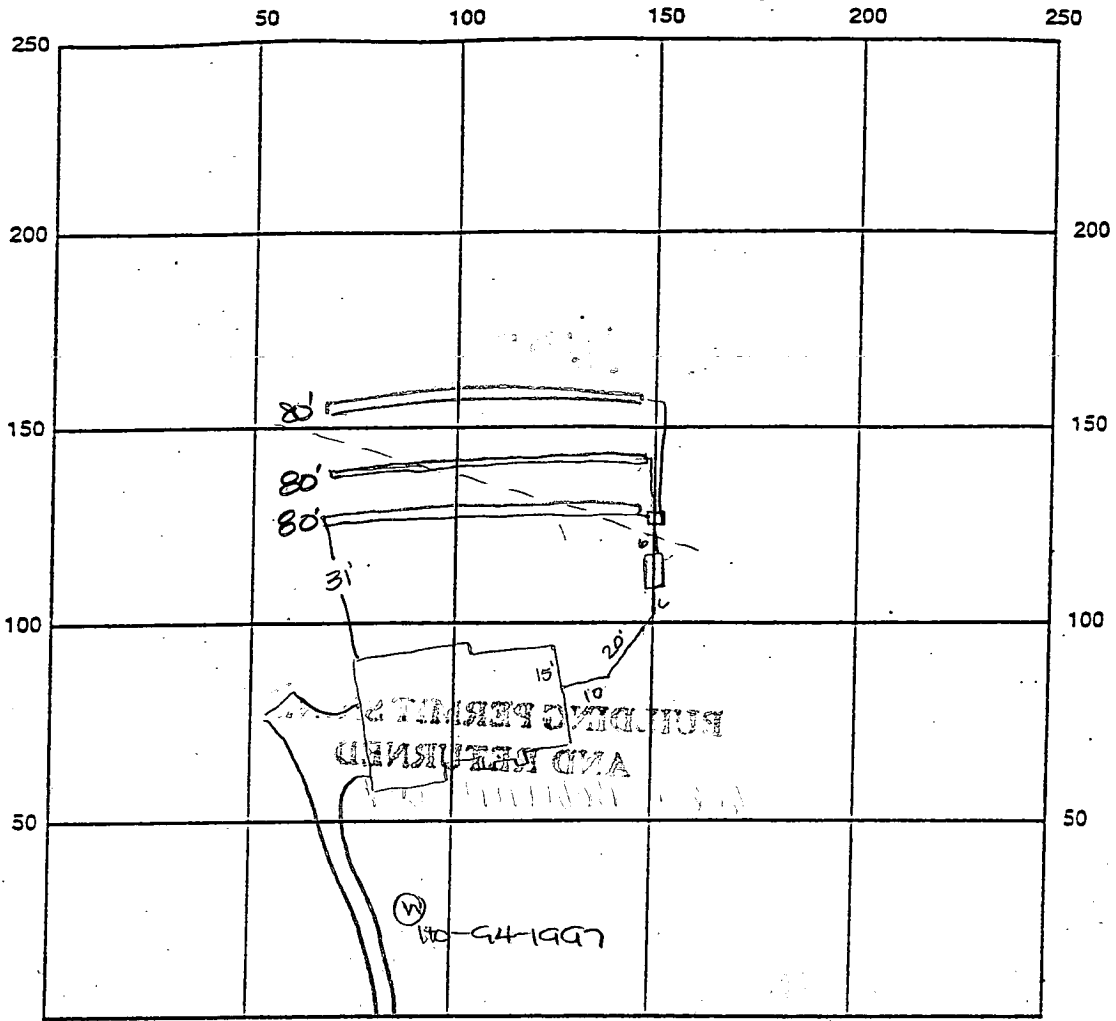
PERMIT VOID AFTER TWO YEARS

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 38250



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1500 gal top seam CLEANOUTS OK - one on sit.

DISTRIBUTION BOX LEVEL OK baffle in

DRAIN FIELD/TITLE DEPTH 5.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 3x80 FT. → 240

NUMBER OF TRENCHES 3.0 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 2/25/99 OK to cover top 2 trenches & noose to tank Au
2/26/99 FINAL INSP - OK to cover all work - DIS

DATE SYSTEM APPROVED 2/26/99 INSPECTOR [Signature]

APPLICATION

38250

PERCOLATION TESTING

A _____
P _____

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

DISTRICT 3RD
DATE 3/10/88

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 PRISCILLA CLAGETT AND AUIS PFEFFELKORN Altice Homes
c/o
ADDRESS 14000 CASTLE BOULEVARD SILVER SPRING PHONE 202-890-6077
MARYLAND 20904

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION BUENA VISTA FARM ESTATES LOT NO. 29 Sec 1
3173 FOX VALLEY DRIVE
ROAD AND DESCRIPTION EAST SIDE OF PFEFFELKORN ROAD, NORTHWEST
OF MD ROUTE 32

TAX MAP 22 PARCEL # 8
SIZE OF LOT 3.7 AC. TYPE BLDG. SFD-4BR
(SINGLE FAMILY DWELLING OR COMMERCIAL)
BLDG. PERMIT SIGNED AND RETURNED 12-24-98
Serial # B101153314

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.

Chris Duffin
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____
REJECTED BY _____ FOR _____ DATE _____
HOLD PENDING, FURTHER TESTS _____ DATE _____
REASONS FOR REJECTION OR HOLDING _____

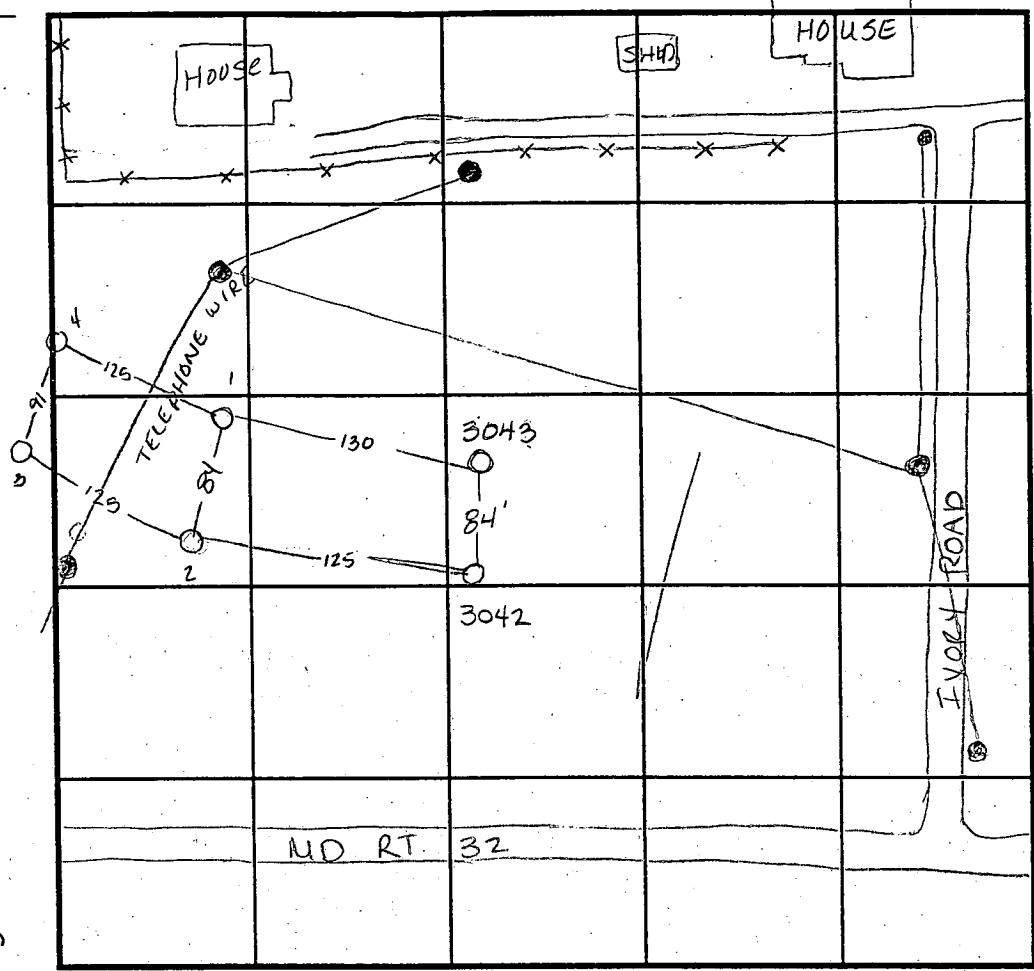
THIS IS NOT A PERMIT

COUNTY #

LOT 89

SOIL PROFILE
3042-3043

0' dark red
zone of 30% shale
CL
4' bright red sil
5% decayed rock
OR



SOIL PROFILE

0'

1, 4, 3
bright red
CSIL

3' yellowish red
SIL
5-10% black/red/yellow
shale decayed
OK

2
dark red/brn
CL

3' reddish brn (light)
SIL

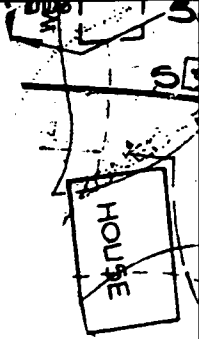
6' pocket of 30% decayed shale - not continuous
OK

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-16-95	3042	4.5' / V12	10:10 ⁴⁵	10:12 ⁴⁵	10:12 ⁴⁵	10:15 ¹⁵	2 1/2 min
	3043	5.5' / VII.5	10:30 ³⁰	10:32 ⁴⁵	10:32 ⁴⁵	10:36 ⁴⁵	3 1/4 min
	3004	3' / V10'	11:27	11:28	11:28	11:29 ³⁰	1 1/2 min
	3003	5' / VII'	11:31	11:33	11:33	11:35 ⁴⁵	2 3/4 min
	3002	3.5' / V10'	11:39	11:47 ³⁰	11:47 ³⁰	12:00 ³⁰	12 1/2 min
	3001	4.5' / V10'	11:58	11:59	11:59	12:00	1 min
	3001	repair	12:00 ⁴⁵	12:02 ¹⁵	12:02 ¹⁵	12:04 ³⁰	2 1/4 min

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY Amy McMillen ALSO PRESENT Dian Ketterman
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

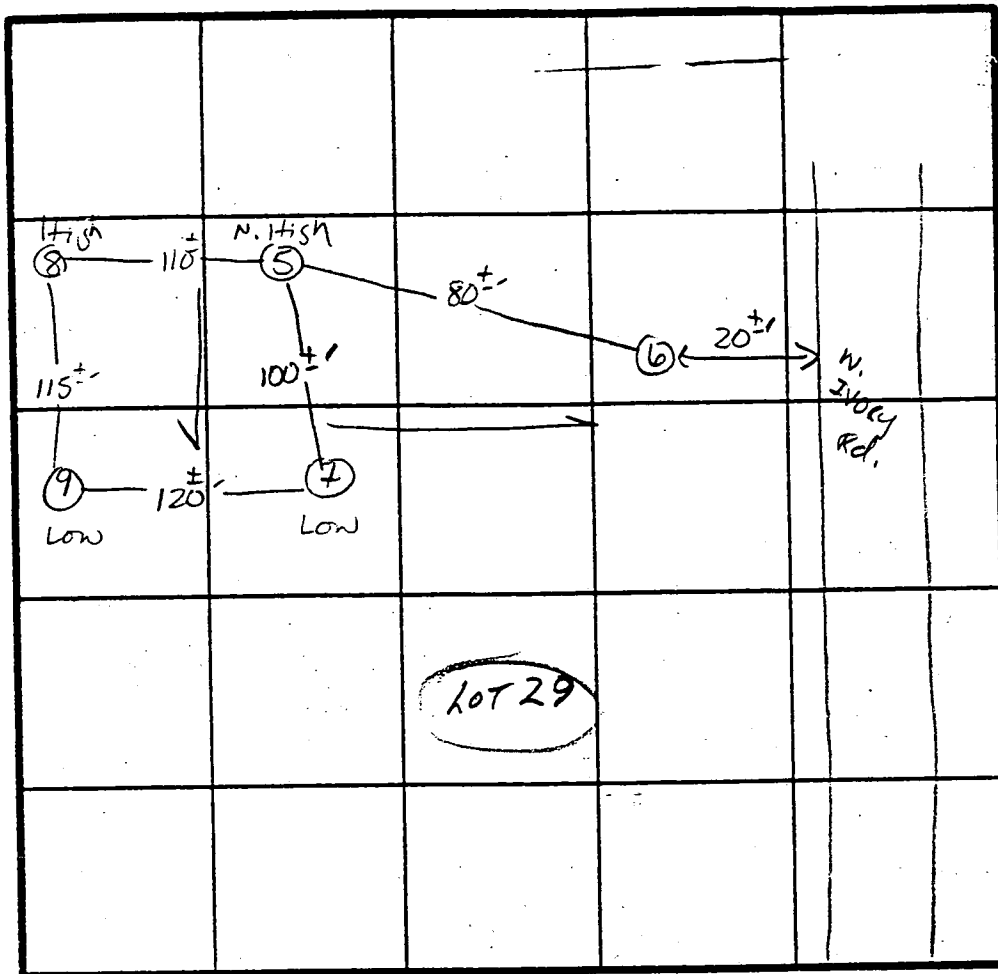
10

A 38250



SOIL PROFILE

0	RP
12"	Yellow LED Silt loam 12-15% Clay
4.0'	Yellow BR Silt loam 15-20% FRAGS
5.5'	
13-13.5'	



X Perc
Inlet
Bottom
A/ER

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RE 32

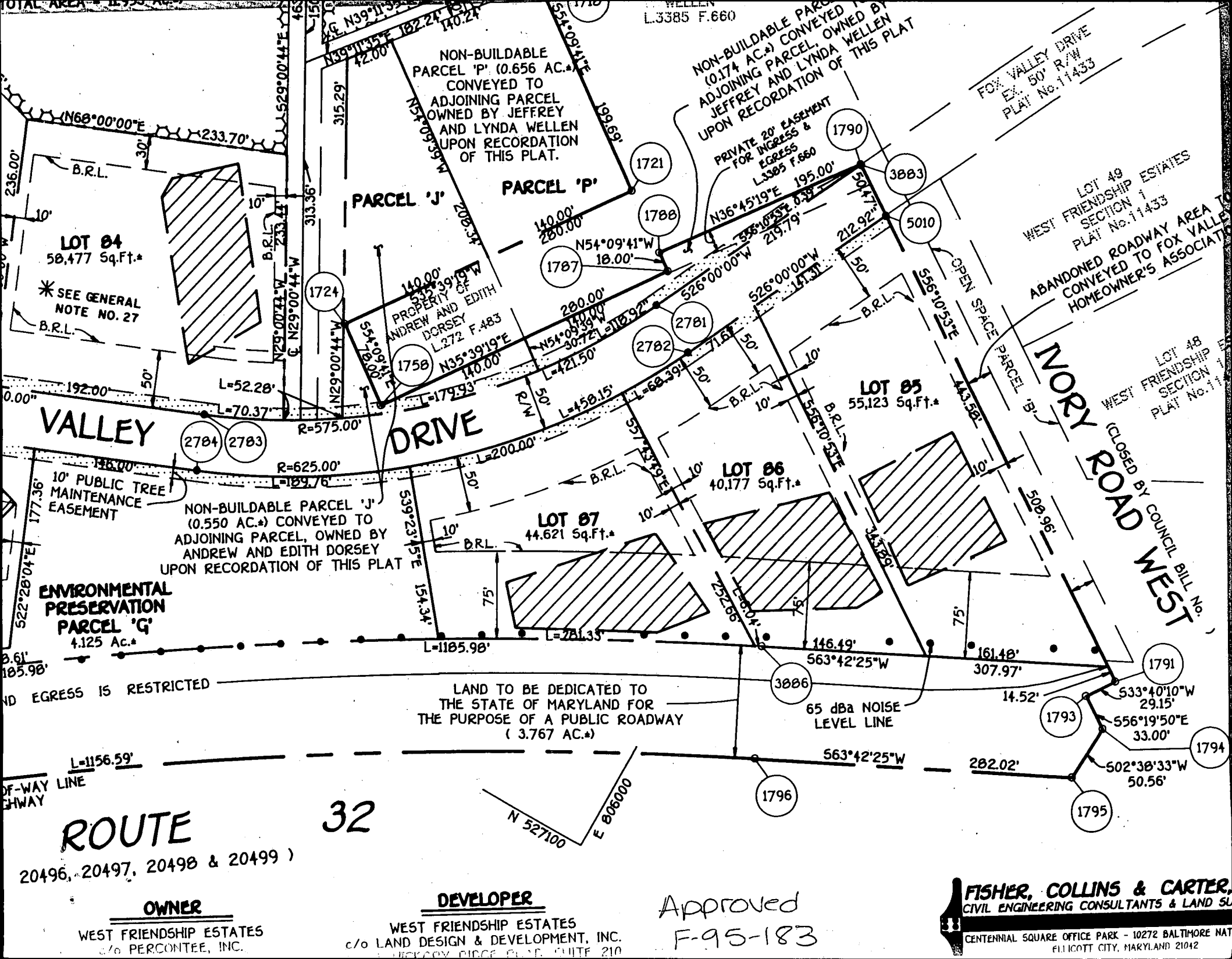
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/30/82	5 S	4.5'	2:42	2:44	2:44	2:48	4min
	5 V	13'	UNIFORM SOIL below 4.0'				
	6 V	CLAY RD	8' + HARD				
	7 S	4.5'	2:50	2:53	2:53	2:58	5min
	7 V	13.5'	UNIFORM SOIL below 4.0'				
	8 S	5'	3:02	3:10	3:10	3:25	15min
	8 M	9.5'	3:03	3:07	3:07	3:18	11min
	8 V	14R	UNIFORM SOIL below 4.5'				
	9 S	6.0'	2:59	3:13	3:13	3:40	27min
	9 V	13'	UNIFORM SOIL below 5.5'				

REMARKS _____

TYPE OF SOIL _____

TESTED BY S.D. Abel ALSO PRESENT J. Fyock & Co.

EH-12-1079



LOT 84
58,477 Sq.Ft.*

*SEE GENERAL NOTE NO. 27

NON-BUILDABLE PARCEL 'P' (0.656 AC.)*
CONVEYED TO ADJOINING PARCEL OWNED BY JEFFREY AND LYNDA WELLEN UPON RECORDATION OF THIS PLAT.

NON-BUILDABLE PARCEL (0.174 AC.)*
ADJOINING PARCEL, OWNED BY JEFFREY AND LYNDA WELLEN UPON RECORDATION OF THIS PLAT

PARCEL 'J'

PARCEL 'P'

VALLEY DRIVE

DRIVE

NORY ROAD WEST
(CLOSED BY COUNCIL BILL No. ...)

ENVIRONMENTAL PRESERVATION PARCEL 'G'
4.125 Ac.*

NON-BUILDABLE PARCEL 'J' (0.550 AC.)*
CONVEYED TO ADJOINING PARCEL, OWNED BY ANDREW AND EDITH DORSEY UPON RECORDATION OF THIS PLAT

LOT 87
44,621 Sq.Ft.*

LOT 86
40,177 Sq.Ft.*

LOT 85
55,123 Sq.Ft.*

LAND TO BE DEDICATED TO THE STATE OF MARYLAND FOR THE PURPOSE OF A PUBLIC ROADWAY (3.767 AC.)*

65 dba NOISE LEVEL LINE

ROUTE 32

32

20496, 20497, 20498 & 20499)

OWNER

WEST FRIENDSHIP ESTATES
c/o PERCONTEE, INC.

DEVELOPER

WEST FRIENDSHIP ESTATES
c/o LAND DESIGN & DEVELOPMENT, INC.
LICKERSYRIDGE ROAD, SUITE 210

Approved
F-95-183

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

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL AVENUE
FELICOTT CITY, MARYLAND 21042

B 1 4791

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1997

Date Received (APA) 120498

OWNER INFORMATION

ALTIERI Homes 9017 Red Branch Rd Columbia MD 21045

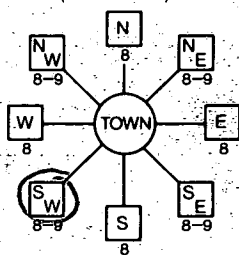
LOCATION OF WELL

Howard Co Fox Valley on West Friendship St West Friendship

DRILLER INFORMATION

Ralph MAYNE MS D 116 KALPH MAYNE well Drilling 9120 Brown Church Rd Mt Airy

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Fox Valley Dr

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



25 DISTANCE FROM ROAD ENTER FT OR MI

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A38250 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 120498 AMcMellon 12/9/99

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 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 DEEPEM AN EXISTING WELL

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER GAP PERMIT No. HO-94-1997

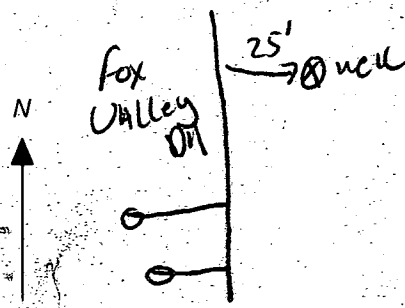
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER 1. well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 804 528 N

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

2/9/99

C.F.I. 2/8/99 @ 4:40

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-N Ellicott Mills Drive
Ellicott City, MD 21043
Fax 313-2643 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation

Receipt \$ _____
Date 2/8/99

License Number 2122

Certified Well Pump Installer Well Driller _____ Registered Plumber

Name of Property Owner ALTION HOODS Telephone 410-715-4500
Subdivision FOX VALLEY Lot # 26 Well Tag # HO-94-1997
Site Address 3173 FOX VALLEY DR.

- a. Deep well jet _____
- b. Shallow well jet _____
- c. Submersible
- 1. Make STANLEY
- 2. Model # 10514102-FW-02
- 3. Capacity 10 GPM
- 4. Pump exceeds well capacity Yes No _____
- 5. If Yes, is low pressure cutoff switch installed? Yes _____ No
- 6. Well includes equipment to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other none

- 1. Capacity 20 Gallons
- 2. Pressure relief valve? YES
- 3. Type PVC
- 4. Size 1 1/2"
- 5. NSF and/or BODA Code approved YES
- 6. Depth of supply line 12'
- 7. Depth 105 ft.
- 8. Yield 5 GPM
- 9. Static Water level _____ ft.
- 10. 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: [Signature]
Date: 2/8/99

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

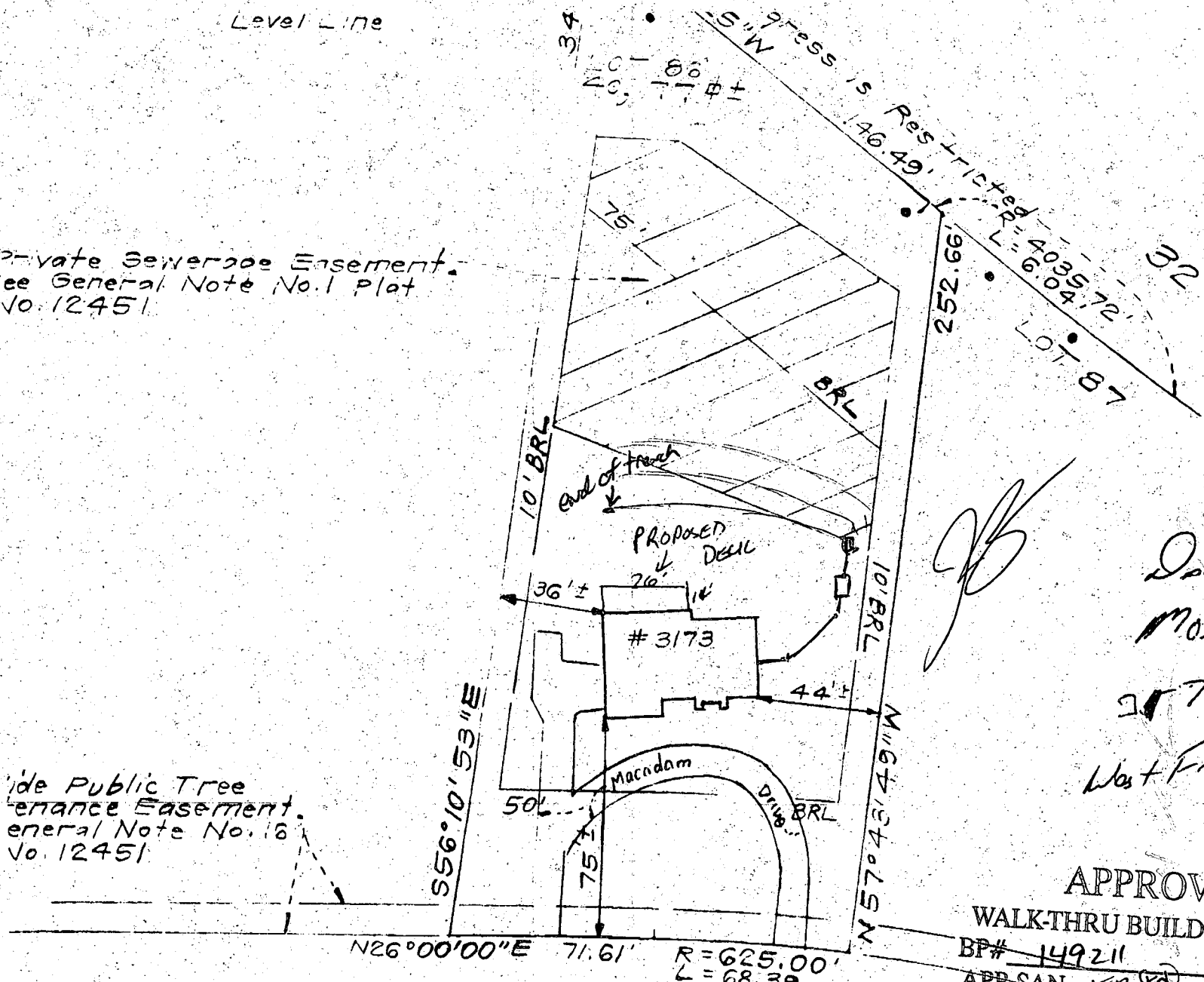
2/9/99

*Attention: casing was extended from grade to 1.5' above grade at time of inspection. YES

Level Line

Private Sewerage Easement
see General Note No. 1 Plat
No. 12451

Side Public Tree
Easement
General Note No. 16
No. 12451



D.W. Mosley
 3173 Fox Valley Dr.
 West Friendship, MD 21784

APPROVED

WALK-THRU BUILDING PERMIT

BP# 149211 A# 38250

APP. SAN KB DATE: 6/30/04

DESC. OF WORK: Deck

VALLEY

50' R/W

DRIVE

3173 Fox Valley Dr.