

10 min layout

8/13/01
In progress
1:30pm

PERMIT

SEWAGE DISPOSAL SYSTEM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

~~515971~~
A 512694-E
ISSUE DATE 8/2/2001
APPROVAL DATE 8-13-01

INDEXED

South Carroll Backhoe, Inc IS PERMITTED TO INSTALL X ALTER
ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197
SUBDIVISION Brantwood II LOT NUMBER 5 ADDRESS 11421 Butterfruit Way
PROPERTY OWNER NV Homes PROPERTY OWNER'S ADDRESS 2200 Defense Hwy
Crofton, MD 21114
SEPTIC TANK CAPACITY 1250 GALLONS ****WATERTIGHT SEPTIC TANK REQUIRED****
PUMP CHAMBER CAPACITY N/A GALLONS
NUMBER OF BEDROOMS 4
SQUARE FEET PER BEDROOM 180
LINEAR FEET OF TRENCH REQUIRED 240

03-331261

TRENCHES: Trenches to be 3 feet wide. Inlet 1.5 feet below original grade. Bottom maximum depth
3 feet below original grade. 1.5 feet of stone below distribution box.
LOCATION: Place the distribution box 120 feet from the rear (140.00') lot line and 110 feet
from the left (1044.36') lot line. Run (3) trenches on contour toward left lot line.
Maintain at least 100 feet to the well.

BUILDING PERMIT SIGNED AND RETURNED

~~10-18-01 800-132-875-DECK & PLANS~~

PLANS APPROVED Mark Rifkin OK SRU 1/7/01 DATE 1/2/01

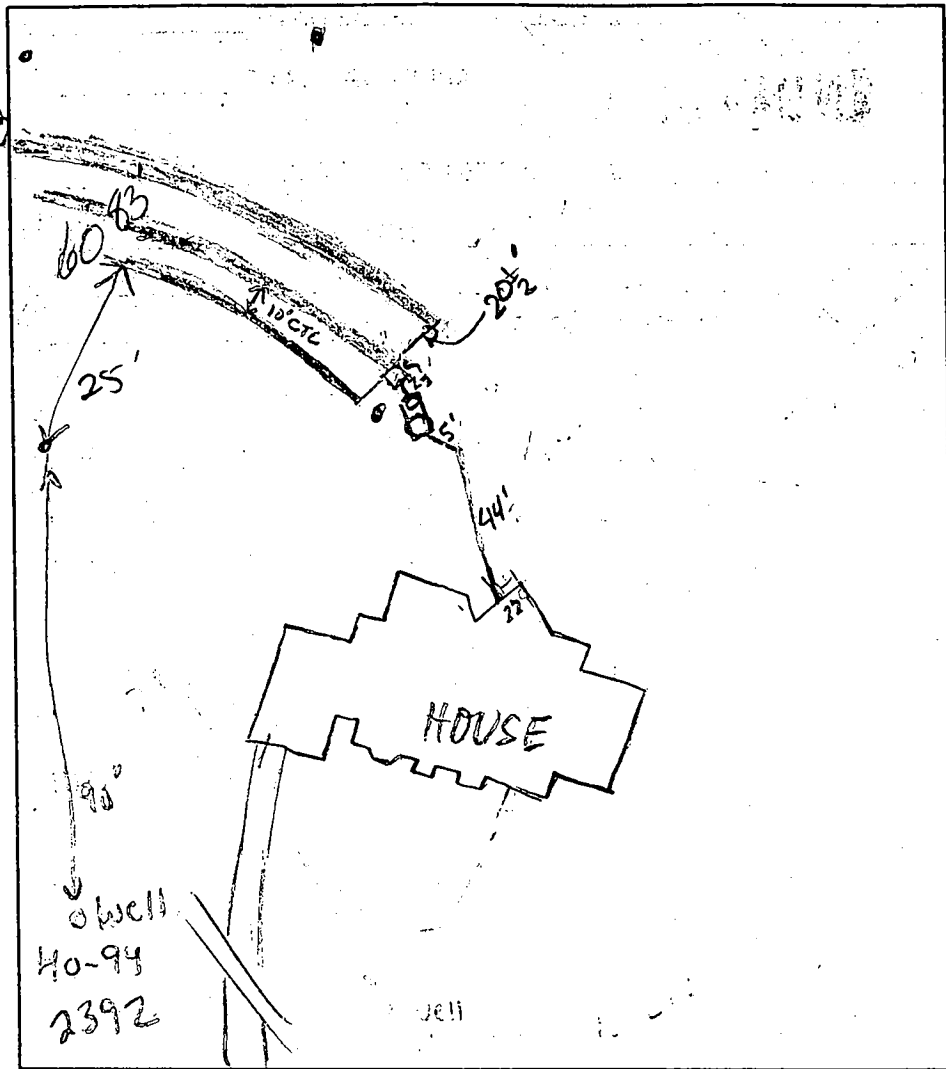
PERMIT VOID AFTER 2 YEARS

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED
- NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES
- NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

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

A512694E

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH 3
 TRENCH INLET DEPTH 18'-22"
 TRENCH BOTTOM DEPTH 3'
 DEPTH OF STONE 1 1/2'
 NUMBER OF TRENCHES 3
 TOTAL TRENCH LENGTH 246ft
 ABSORBENT AREA 2389ft²
 DISTRIBUTION BOX LEVEL
 BAFFLE IN DISTRIBUTION BOX

SEPTIC TANK DATA

SEPTIC TANK 1500 GALLONS
 MANHOLE RISER 400
 6 INCH INSPECTION PORT

PUMP CHAMBER DATA

PUMP CHAMBER NA
 GALLONS NA
 MANHOLE RISER NA
 ALARM NA
 PUMP PERFORMANCE TEST NA

PRE-CONSTRUCTION INSPECTION: 8-9-01 LAYOUT PER PLAN. ENSURE 1 1/2"

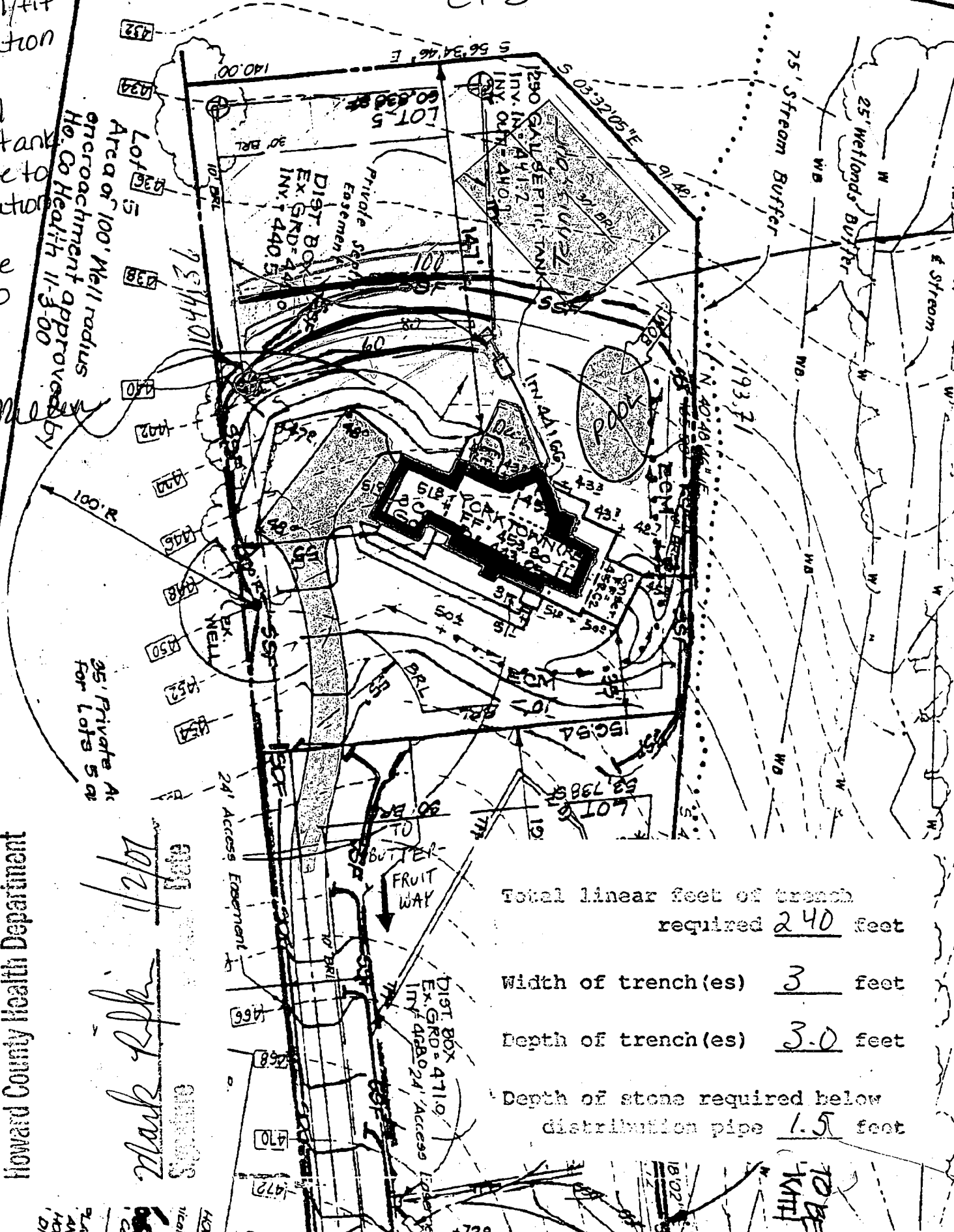
b.g. VG/MK

INSPECTION COMMENTS: 8-13-01 OK TO COVER TRENCHES (VG/MK)

INSPECTOR [Signature] DATE SYSTEM APPROVED 8-13-01

7/11/01
 Tennis court location OK as shown
 Pool will fit in location shown
 Install septic tank as close to distribution box as possible due to shown deck
 Area of 100' Well radius
 Ho Co Health 11-3-00
 Approved by

1-50 PLAN BY CFS



Total linear feet of trench required 240 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 3.0 feet
 Depth of stone required below distribution pipe 1.5 feet

Approved Septic System Plan
 Howard County Health Department

Mark R. [Signature]
 12/07

PLAN
 AN
 HOR
 DIC

TO BE
 WITH

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

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

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

Company Name: Van Sant Plumbing Telephone #: 301-829-0444
Address: 3 W Main St.
Mt. Airy, MD 21071

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Harford Van Sant License# 1467

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: MD Homes Telephone #: 301
Subdivision: Branthwood Lot #: 000 Well Tag #: HO-94-2392
Site Address: 11421 Butler Court Way
Ellicott City, MD 21042 5

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Grundfos</u>	Make: <u>Campbell</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>65131022</u>	Model#: <u>B10X</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity _____ GPM	Depth: <u>42</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: _____ GPM	NSF approved: <u>yes</u>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>650</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt NO

Piping to house	House Connection
Type: <u>Polyethylene</u>	PVC sleeved to undisturbed soil at wall penetration: <u>15 ft</u>
PSI: <u>200</u> (160 psi min)	Approximate length of sleeve: <u>15 ft</u>
Depth of supply line: <u>42</u> (36" min)	Sleeve caulked and sealed properly: <u>yes</u>

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

Signature of company representative responsible for installation: Harford Van Sant date: 9.18.01

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

Date Insp. Requested: 9/13/01 Date Insp. Approved: 9/13/01 (BB) SRK

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

C1 1928

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED

COUNTY NUMBER A512694E

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER Briantwood LLC, STREET OR RFD Butterfruit Way, TOWN ELICOTT CITY MD, SUBDIVISION Briantwood, SECTION II, LOT 5

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for BROWN SHALE (0-52) and BLUE SLATE (52-650).

GROUTING RECORD WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (Cement CM, Bentonite Clay BC), NO. OF BAGS 15, NO. OF POUNDS 1410, GALLONS OF WATER 90, DEPTH OF GROUT SEAL 59

CASING RECORD MAIN CASING TYPE ST (STEEL), Nominal diameter 6, Total depth of main casing 60

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

SCREEN RECORD screen type or open hole ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

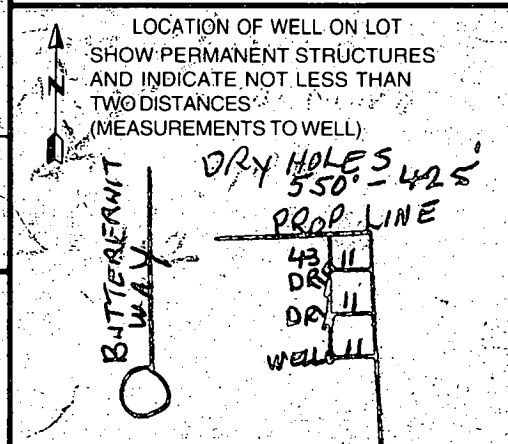
DEPTH (nearest ft.) HO 59, 650. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN 56, 60

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.O., TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST HOURS PUMPED 6, PUMPING RATE 1.2, METHOD USED TO MEASURE PUMPING RATE TIME, WATER LEVEL BEFORE PUMPING 28, WHEN PUMPING 155, TYPE OF PUMP USED Centrifugal

PUMP INSTALLED DRILLER INSTALLED PUMP YES (NO), TYPE OF PUMP INSTALLED, CAPACITY GALLONS PER MINUTE 31-35, PUMP HORSE POWER 37-41, PUMP COLUMN LENGTH 43-47, CASING HEIGHT 49



NUMBER OF UNSUCCESSFUL WELLS 2, WELL HYDROFRACTURED YES (Y)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. MWD 139, Robert Cline, LIC. NO. MWD 140, Gary Harley

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

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94 2392
 Location of property (road) Butterfruit Way
 Subdivision Brantwood Lot 5 Block Plat Sec. II
 Well Driller Robert Cline Owner Brantwood LLC

Depth of well 650
 Distance of measuring point (M.P.) above ground 1
 Static water level (S.W.L.) below M.P. 28

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 10
 Total time 30 MIN to reach pumping water level 155 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	28	4 MIN 10 SEC		10
9:00	110	4 MIN 10 SEC		10
9:10	154	4 MIN 10 SEC		10
9:15	155	4 MIN 10 SEC		1.2
9:30	155	4 MIN 10 SEC		1.2
9:45	155	4 MIN 10 SEC		1.2
10:00	155	4 MIN 10 SEC		1.2
10:15	155	4 MIN 10 SEC		1.2
10:30	155	4 MIN 10 SEC		1.2
10:45	155	4 MIN 10 SEC		1.2
11:00	155	4 MIN 10 SEC		1.2
11:15	155	4 MIN 10 SEC		1.2
11:30	155	4 MIN 10 SEC		1.2
11:45	155	4 MIN 10 SEC		1.2
12:00	155	4 MIN 10 SEC		1.2
12:15	155	4 MIN 10 SEC		1.2
12:30	155	4 MIN 10 SEC		1.2
12:45	155	4 MIN 10 SEC		1.2
1:00	155	4 MIN 10 SEC		1.2
1:15	155	4 MIN 10 SEC		1.2
1:30	155	4 MIN 10 SEC		1.2
1:45	155	4 MIN 10 SEC		1.2
2:00	155	4 MIN 10 SEC		1.2
2:15	155	4 MIN 10 SEC		1.2

B 1 09839

SEQUENCE NO. (MDE USE-ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2392 fill in this form completely

Date Received (APA) 07 24 99

OWNER INFORMATION

Brantwood, L.L.C. 8835 P - Columbia 100 Parkway Columbia, MD 21045

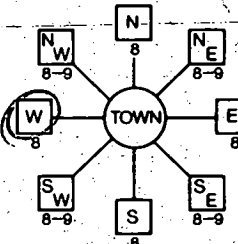
B 3 HOWARD LOCATION OF WELL

8. COUNTY Brantwood 23. SUBDIVISION Pine Orchard SECTION 2 LOT 5 Area 1 52. NEAREST TOWN

DRILLER INFORMATION

Robert L. Cline MW D 139 Cline & Duvall, Inc. 8093 Hillmark Ct., Frederick, MD 21704

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 BUTTERFRUIT WAY NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 525 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP 16 & 23 BLK: PARCEL P10 214

B 2 WELL INFORMATION APPROX. PUMPING RATE 5 (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED 300 (GAL. PER DAY)

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A512694E COUNTY NAME COUNTY NO STATE SIGNATURE DATE ISSUED 090299 ATMcMILLAN 9/2/00 CO SIGNATURE EXP. DATE NORTH GRID 520 000 EAST GRID 820 000

APPROXIMATE DEPTH OF WELL 250 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jettied & DRIVEN AIR-ROTARY 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 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE E 820 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



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

APPROP. PERMIT NUMBER GAP PERMIT No. HO-94-2392

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

ALTERNATE #1

11=50'

12/28/99
OK to move
down 15' up or
dry hole from top

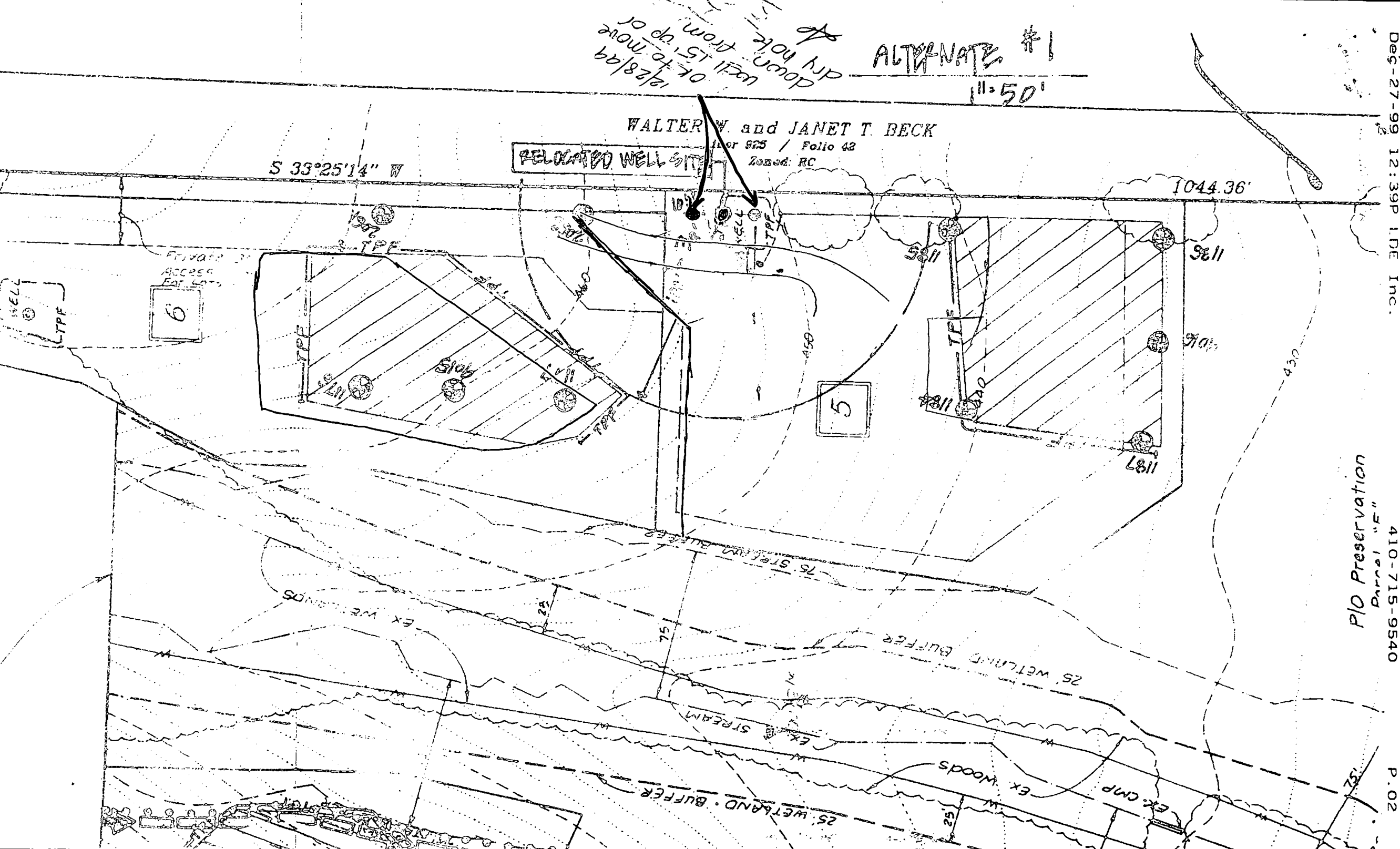
WALTER W. and JANET T. BECK

Tror 525 / Folio 43
Zoned: RC

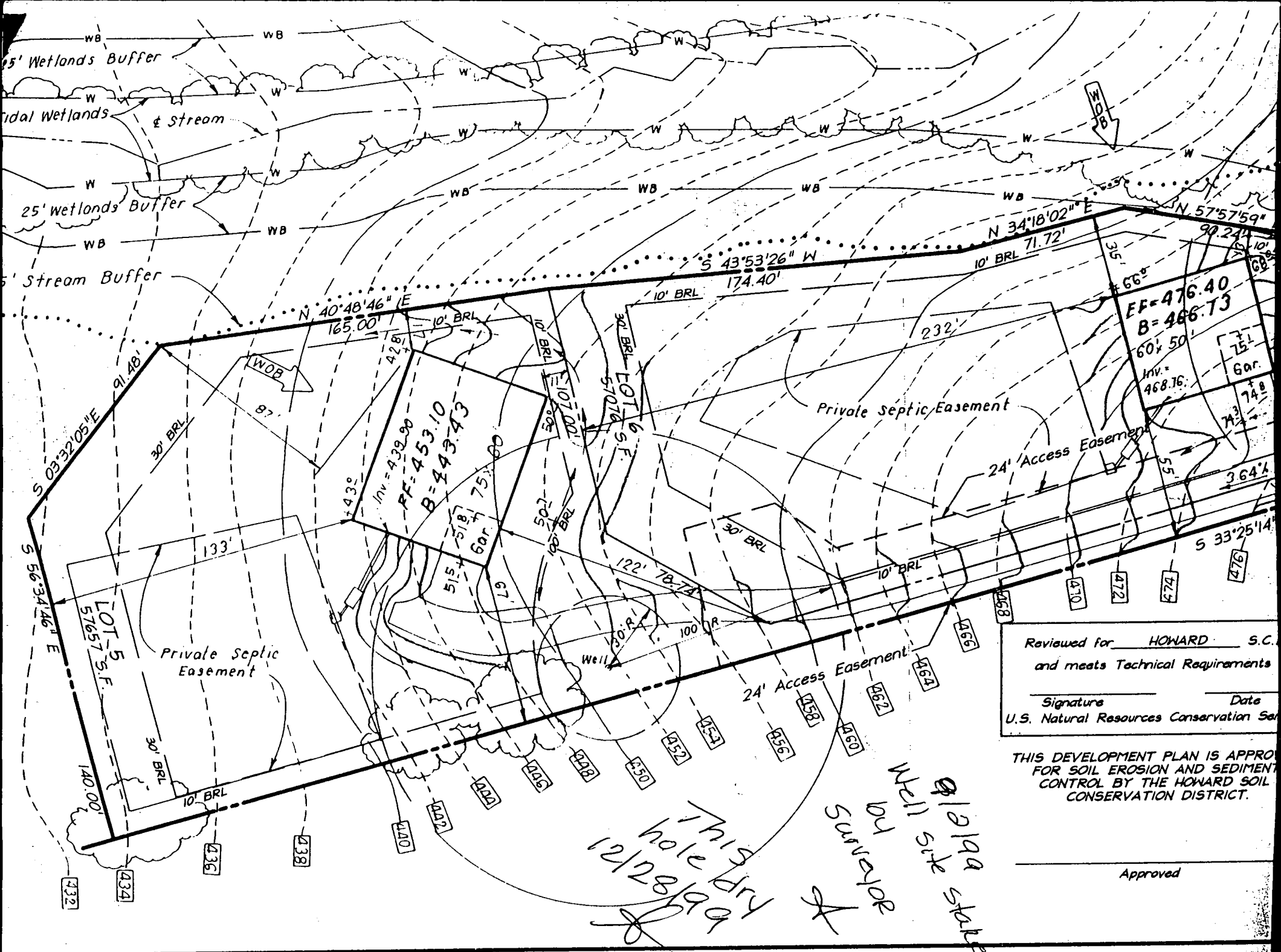
RELOCATED WELL SITE

S 33°25'14" W

1044.36'



PLO Preservation
"F" 10/24/99



Reviewed for HOWARD S.C.
 and meets Technical Requirements

Signature _____ Date _____
 U.S. Natural Resources Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT.

Approved _____

This hole dry
 12/28/99
 Well site stamped
 on 1/9/99

ALTERNATE #1

12/28/99 This site not approved due to proposed driveway

WALTER W. and JANET T. BECK location. du
Liber 925 / Folio 43
Zoned: RC

S 33°25'14" W

Private 35' Access Esmt For Lots 5 & 6

6

RELOCATED WELL SITE

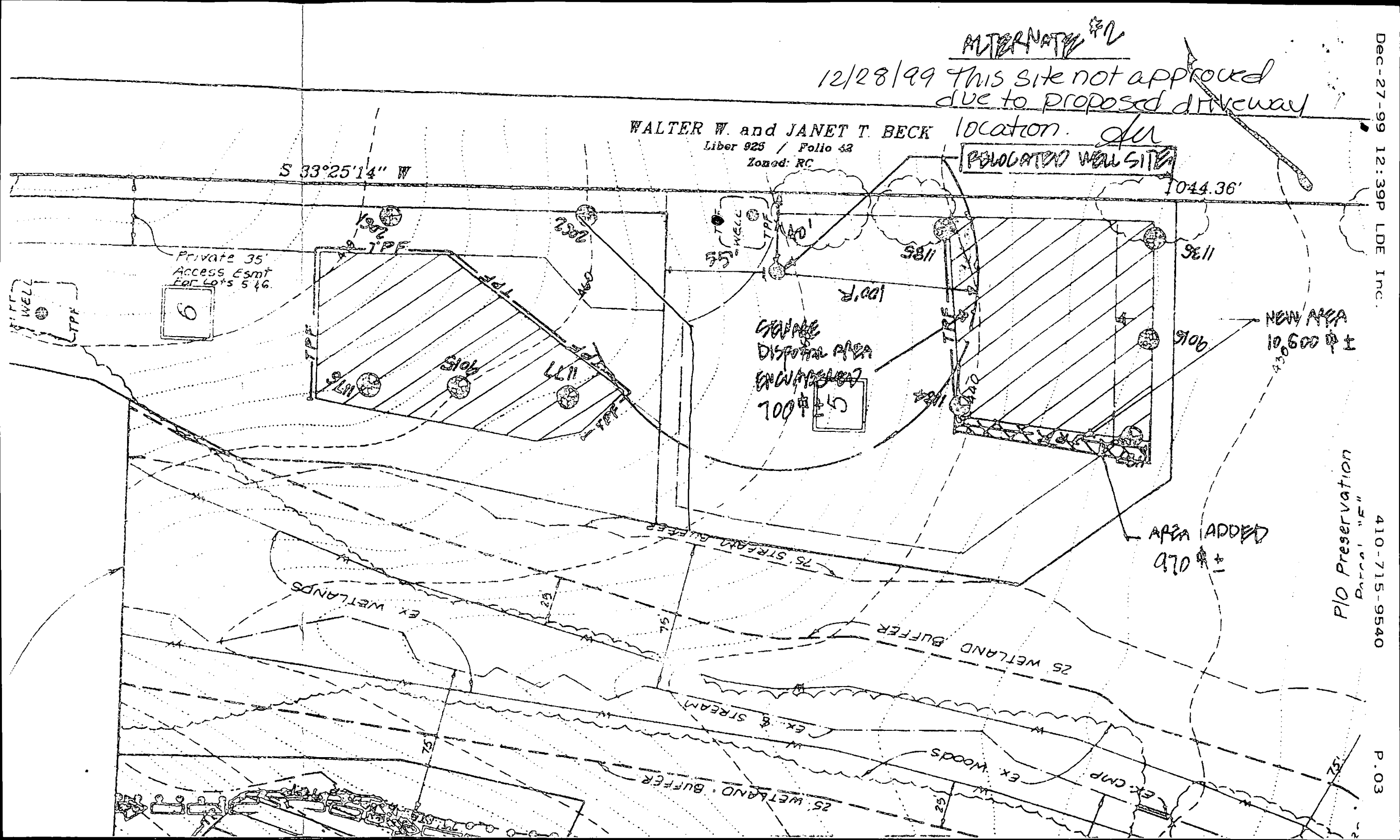
1044.36'

GRAVE DISPOSAL AREA ENLARGED 700 ±

NEW AREA 10,600 ±

AREA ADDED 970 ±

P10 Preservation "S" 100' Buffer





Planning • Engineering • Surveying

MEMORANDUM

TO : Amy McMillen
FROM: Bruce Burton
DATE : December 27, 1999
RE : Brantwood 2/1 F99-140 Lot 5

The well driller has hit a dry hole on Lot 5. He has gone to 425' depth.

I have attached two alternates for your review:

Alternate # 1 slides the well uphill approximately 15'.

Alternate #2 slides the well laterally about 30' westerly. This alternate requires modification to the disposal area as shown.

Obviously alternate #1 provides the least impact to the presently approved scenario.



HOWARD COUNTY HEALTH DEPARTMENT

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

FAX

Date: 12/27/99

To: Bruce Burton

Phone:

Re: Brantwood lot 5

From: Amy

Pages: 2 approved

cc: See site dated

Comments:

The plan submitted by CF #5 for well sites shows a different well site than shown on your plan. Actually it shows the site you are proposing for alternate #1 - ~~please~~ Also the SDA on the plan you sent on lot 6 has moved - Please advise

Thanks

Resolved
12/28/99

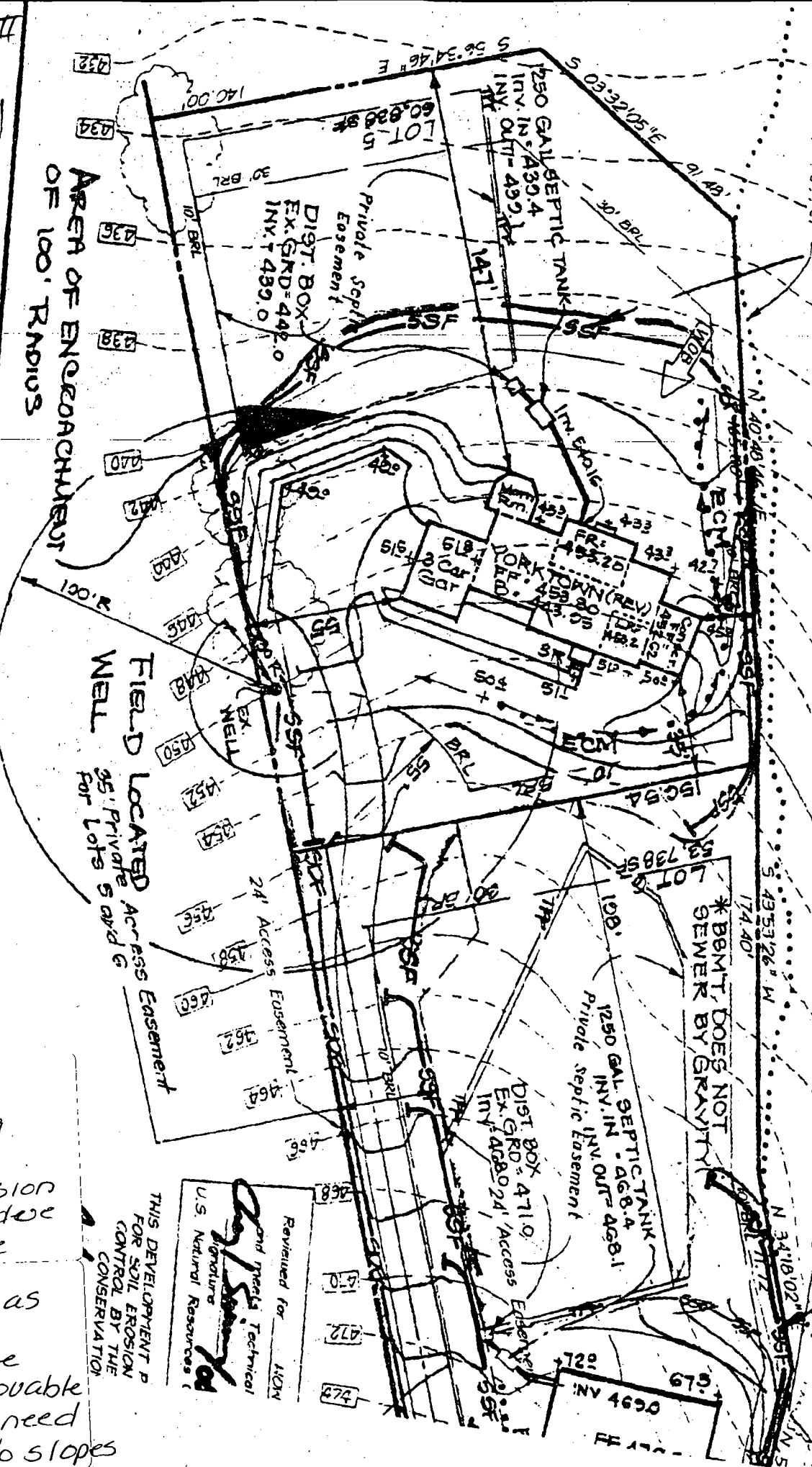
Amy Brantwood II Lot 5

Joey Ecker faxed this for approval of an adjustment to esmt. (she apparently wants vs to suggest an adjustment).

But nowhere in file could I find approval of the well site shown. Appears to me the approved site "A11 #3" was elsewhere.

HP Co. Her Arms Hat From Joey

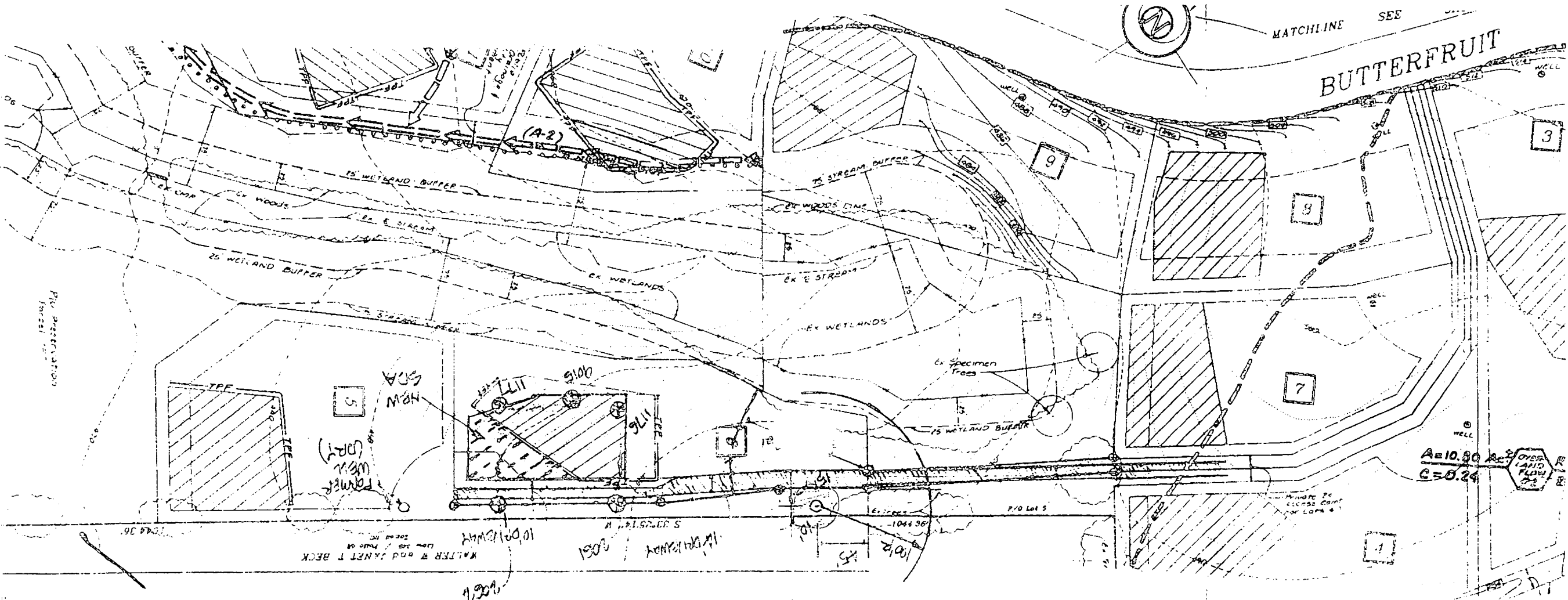
- 11/3/00
- Shown well site was approved on 12/28/99 205' from the rear property line - confusion about approval is due to adjustment of the 156.54 lot line.
- Adjustment to SDA as shown is OK.
- Grading around the driveway not approvable it is >25% & SDA's need to be 25' from 25% slopes



Reviewed for AICM
 U.S. Natural Resources
 and Technical
 Signature
 4/15/00

THIS DEVELOPMENT IS FOR SOIL EROSION CONTROL BY THE CONSERVATION

All



1/13/00
 Replacement well site on lot 5 accepted
 as shown - 15' to use-in-common drive
 maintained - SDA on lot 6 adjusted
 up-hill - Will only be drilled if alt. #30 on lot
 5 comes up dry ALL



Planning • Engineering • Surveying

MEMORANDUM

TO : Amy McMillen

FROM: Bruce Burton

DATE : January 10, 2000


RE : Brantwood 2/1 F99-140 Lot 5

The well driller is presently proceeding with the last alternate site on Lot 5. In the event that this location is dry, we are proposing three (3) additional locations within the Lot 5 fee simple pipe stem.

The present 12 foot wide stem would be enlarged to 23 feet. This width would provide the minimum 10 foot offset from the property boundary and an approximate 11 foot offset from the proposed driveway. This arrangement would be contained within the present 35 foot wide access easement.

Please review and let me know if acceptable. If ok we will formalize our proposal to DPZ.

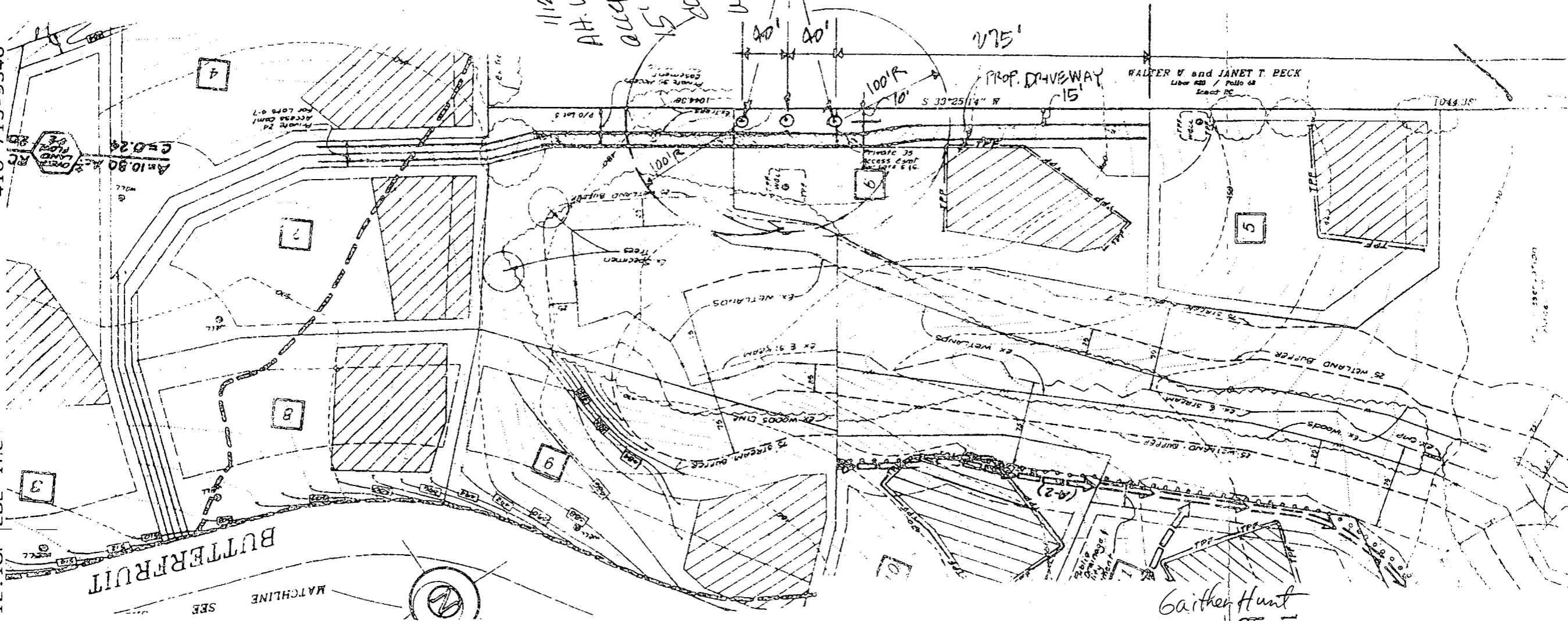
*1/11/00
 Sites accepted
 provided 15' well
 to use in common
 provided*



Brantwood/McMillen/5WellCont.doc

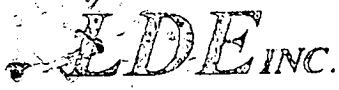
11/2/99 sites
 AH will provide
 accepted use - R-
 proposed of 15
 proposed for 11 well
 well

ALTERNATE WELL SITES



Gaither Hunt
 LOT 5
 POSSIBLE ALTERNATE WELL SITES

1" = 100'
 1/8" = 10'



Planning • Engineering • Surveying

MEMORANDUM

TO : Amy McMillen
FROM: Bruce Burton
DATE: January 4, 2000
RE: Brantwood 2/1 F99-140 Lot 5

The well driller has hit another dry hole on Lot 5.

I have attached two alternates for your review:

Alternate # 1, from December 27, 1999, slid the well uphill approximately 15'. That hole was dry.

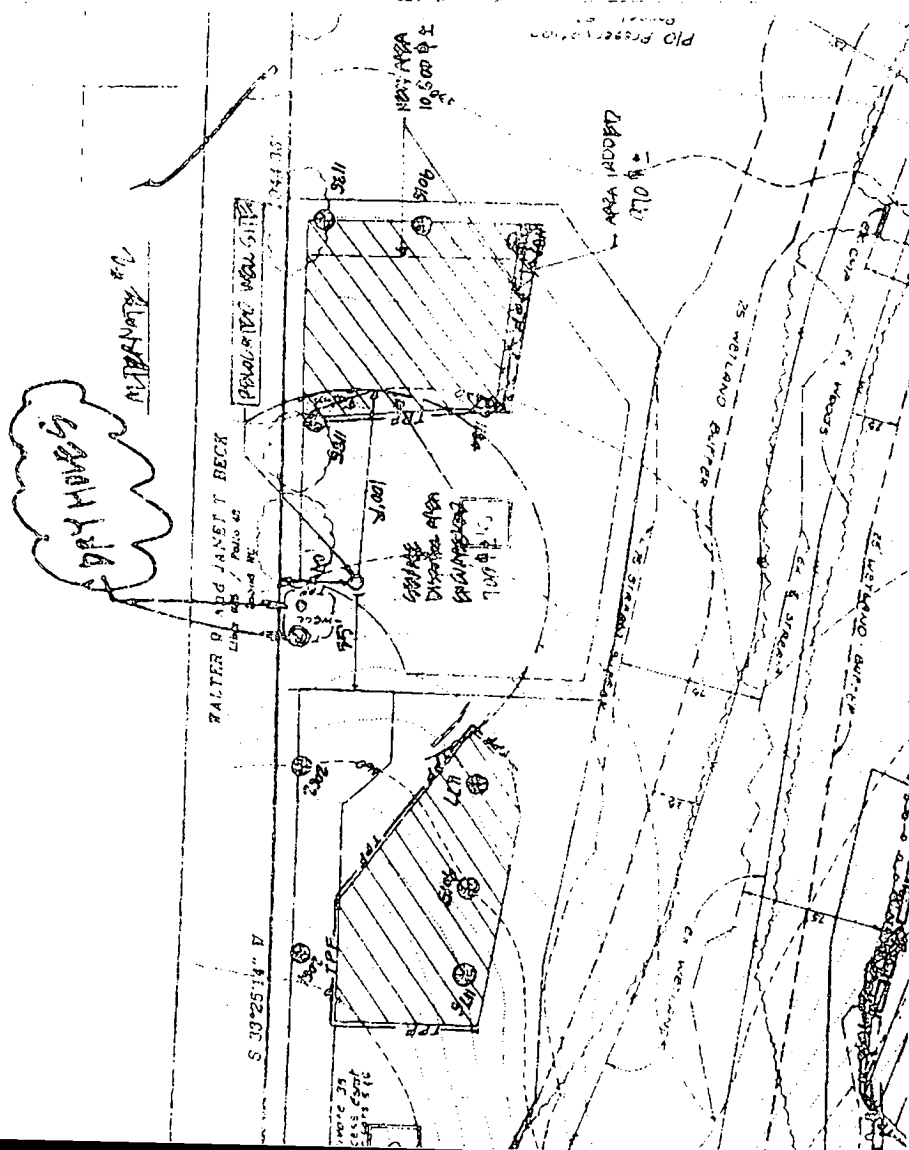
Alternate #2 slides the well laterally about 30' westerly. This alternate requires modification to the disposal area as shown. Does this alternate provide health compliance?

Alternate #3 relocates the well within the pipe stem for Lot 5. The stem will be enlarged to accommodate necessary minimum offsets from property/lot lines and the use-in-common driveway. Does this work?

Please call me ASAP. The well driller would like to start drilling tomorrow.

Brantwood/McMillen/Lot5Well.doc

9250 Rumsey Road Suite 106 • Columbia, Maryland • 21045
(410) 715-1070 (Balto.) • (301) 596-3474 (Wash.) • (410) 715-9540 FAX





Planning • Engineering • Surveying

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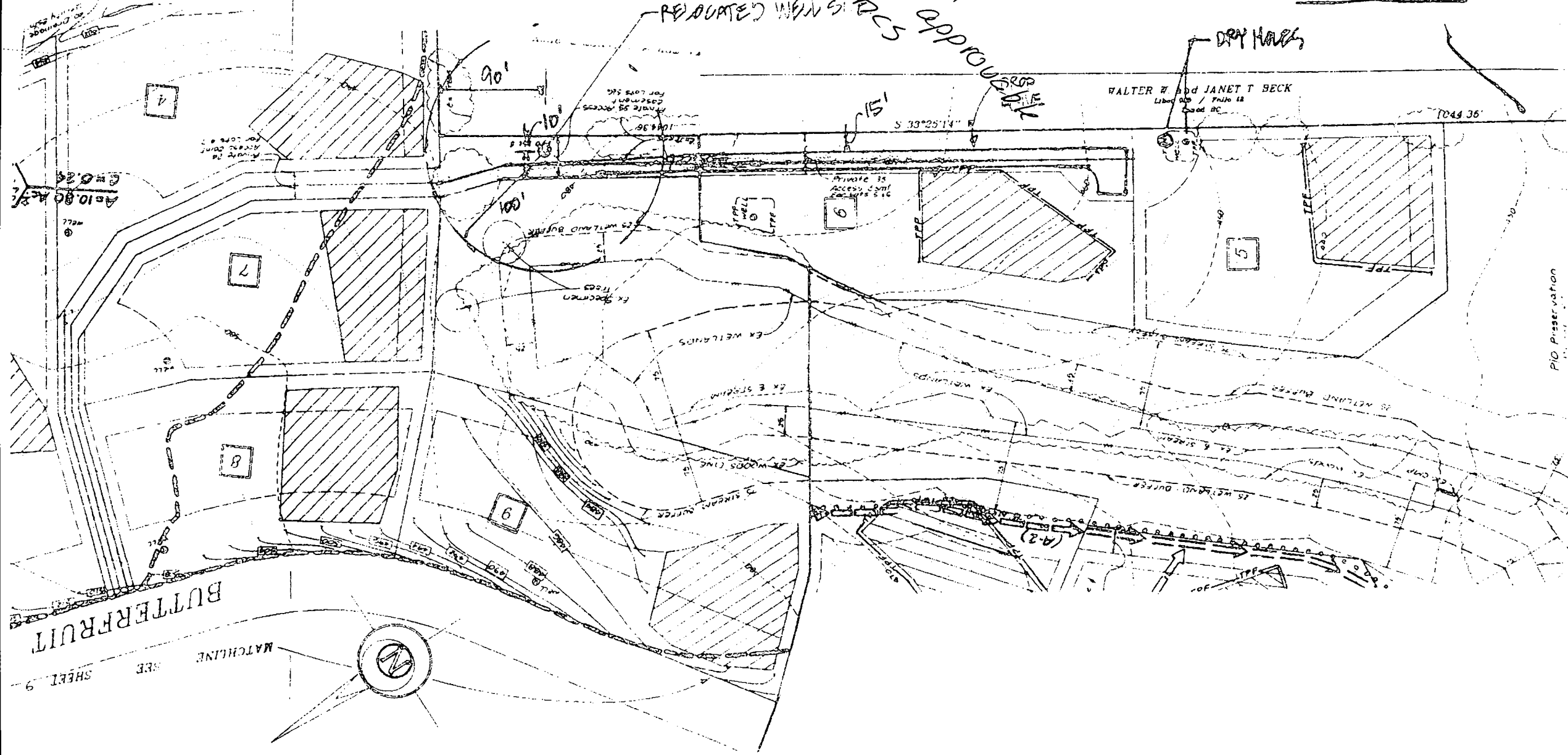
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Brantwood/McMillen/Lot5Well.doc

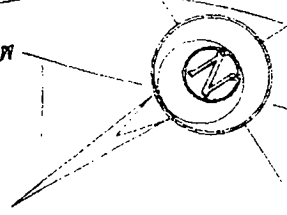
INTERMATE #3

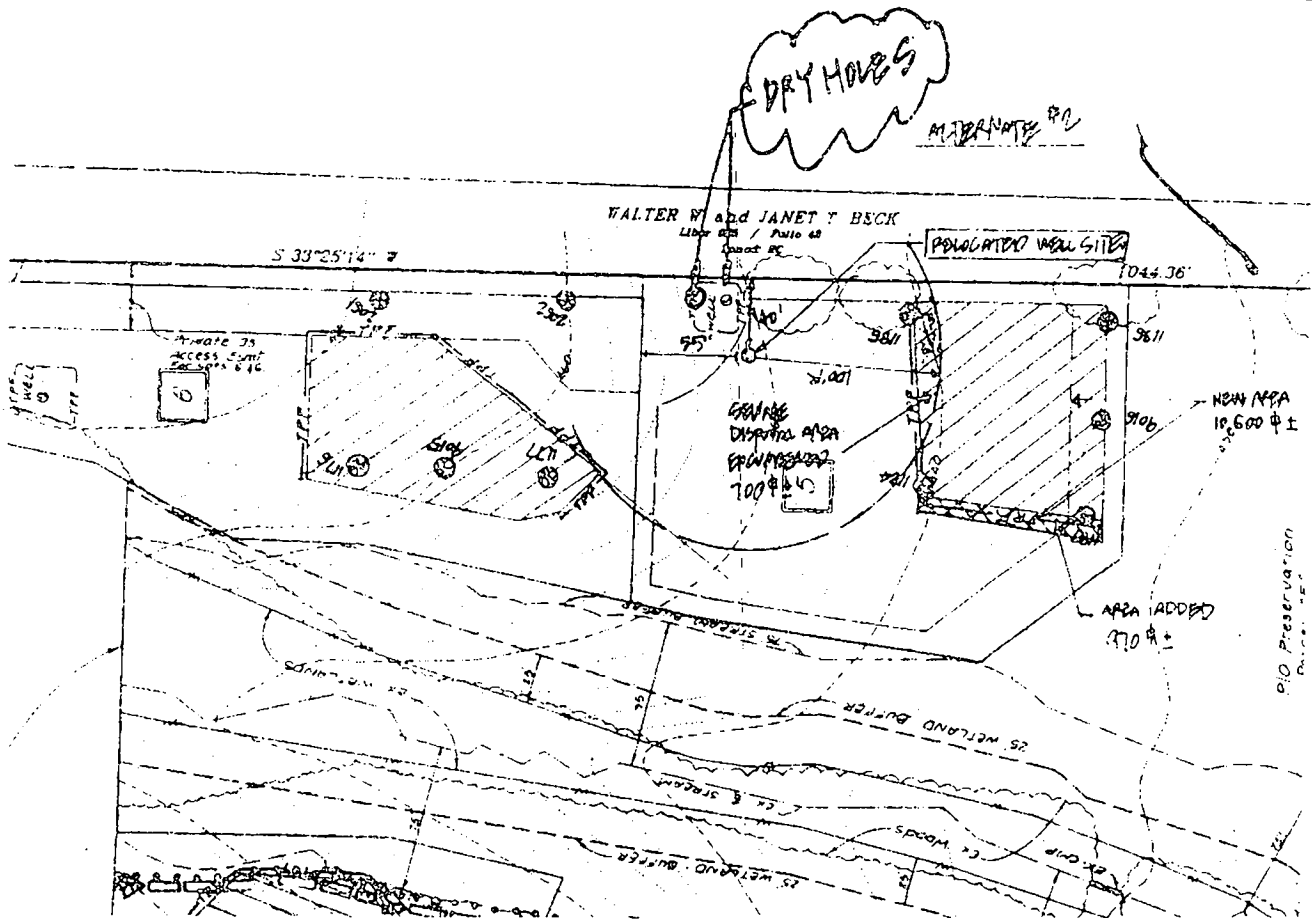
1/4/99 well location not approved
Shows location due to setbacks
uphill on lots 4 & 7



BUTTERFRUIT

SHEET 9 SEE MATCHLINE





The area shown is not acceptable due to the presence of dry holes. A new area of 10,600 ± is needed for the SDA. This area is not acceptable due to the presence of dry holes.

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE 8/15/95

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 Feagan Family

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER Land Marketing, Inc. C/O Tim Feagan

ADDRESS 3243 Bethany Lane Ellicott City PHONE 313-8808
21042

PROPERTY LOCATION:

SUBDIVISION Feagan Property LOT NO. 606358

ROAD AND DESCRIPTION Rt 194 + Folly Quarter Rd

TAX MAP 16+23 PARCEL # 34+63

SIZE OF LOT 1 acre +/- 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. Mark A. Reich
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

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

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

1187 1184

Orange
brn
SiCLM

3'

lgt
orange
brown
SiLM
very
micaceous

9'

lgt tan
almost
white
SaLM
micaceous

11'

1186

lgt
tan
SiCLM
micaceous

2.5'

lgt red
brn
SiLM
Strong
blocky
structure

10.5'

dark
red
SaLM
micaceous
100%
saprolite

12'

1185

rocky
100%
large frags
yellow
tan SiLM

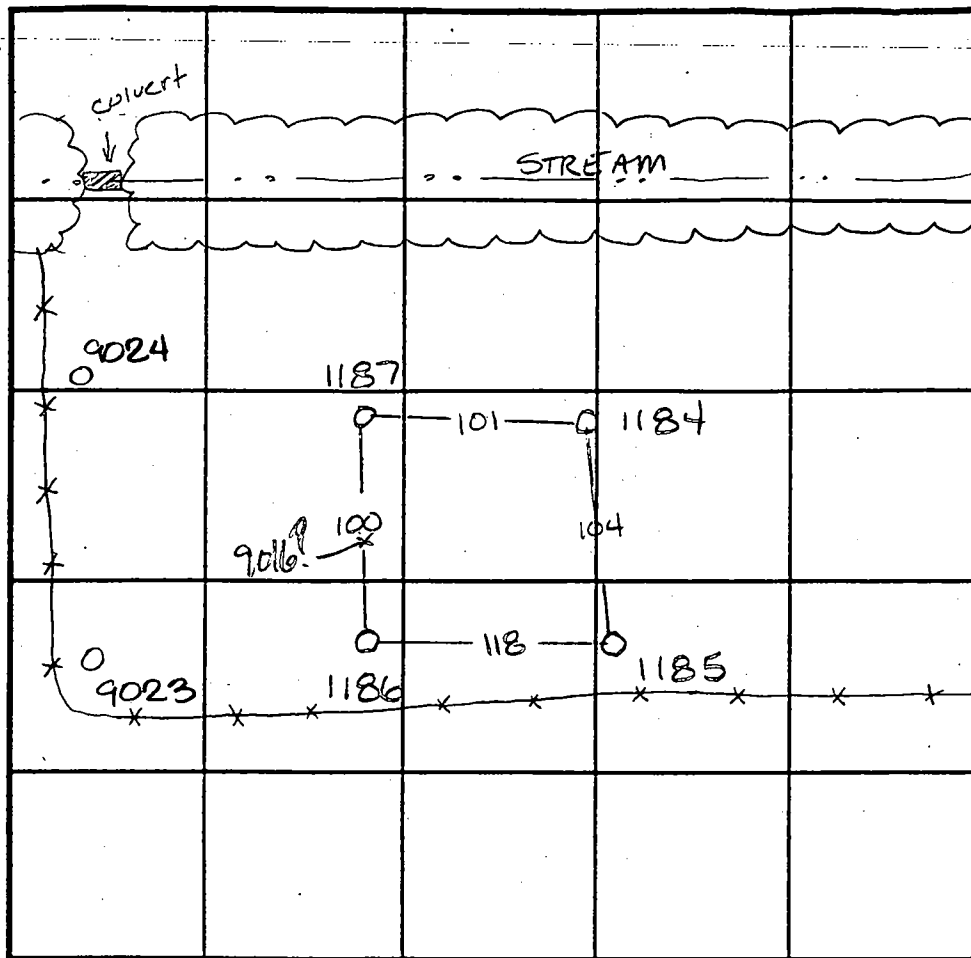
3'

micaceous
SaLM
beigh
100%
saprolite
frags

7'

mottled
orange
SiLM

11'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

9016

dark
brown
red
SiCLM

3.0'

dark
red
brown
SaLM
25%
Rx

8.0'

mottled
dull
grey
brown
SiLM
water

10.0'

9023, 9024

heavy lgt brn
SiCLM

5.0'

reddish brn
dark SiLM

7.5'

dull mottled
brown SiLM
water at
10.0'

11.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-21-95	1187	3' VII'	11:40	11:50	11:50	12:04	14min
	1186	3 1/2' VI2	11:45	11:48	11:48	11:53	5min
	1184	2' VI2'	11:55	11:57	11:57	11:59 ¹⁵	2 1/4min
	1184	6 1/2' VI2'	11:58 ¹⁵	11:59 ³⁰	11:59 ³⁰	12:01	1 1/2min
	1185	Visual to 11'	- see profile		-		OK
5-2-97	9023	Insufficient depth to		H2O table -		F	
	9024	Insufficient depth to		H2O table -		F	
	9016	Visual to 10.0'		- see profile		OK	

REMARKS wet season - move perc area 2' in elevation uphill

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Tim Feaga

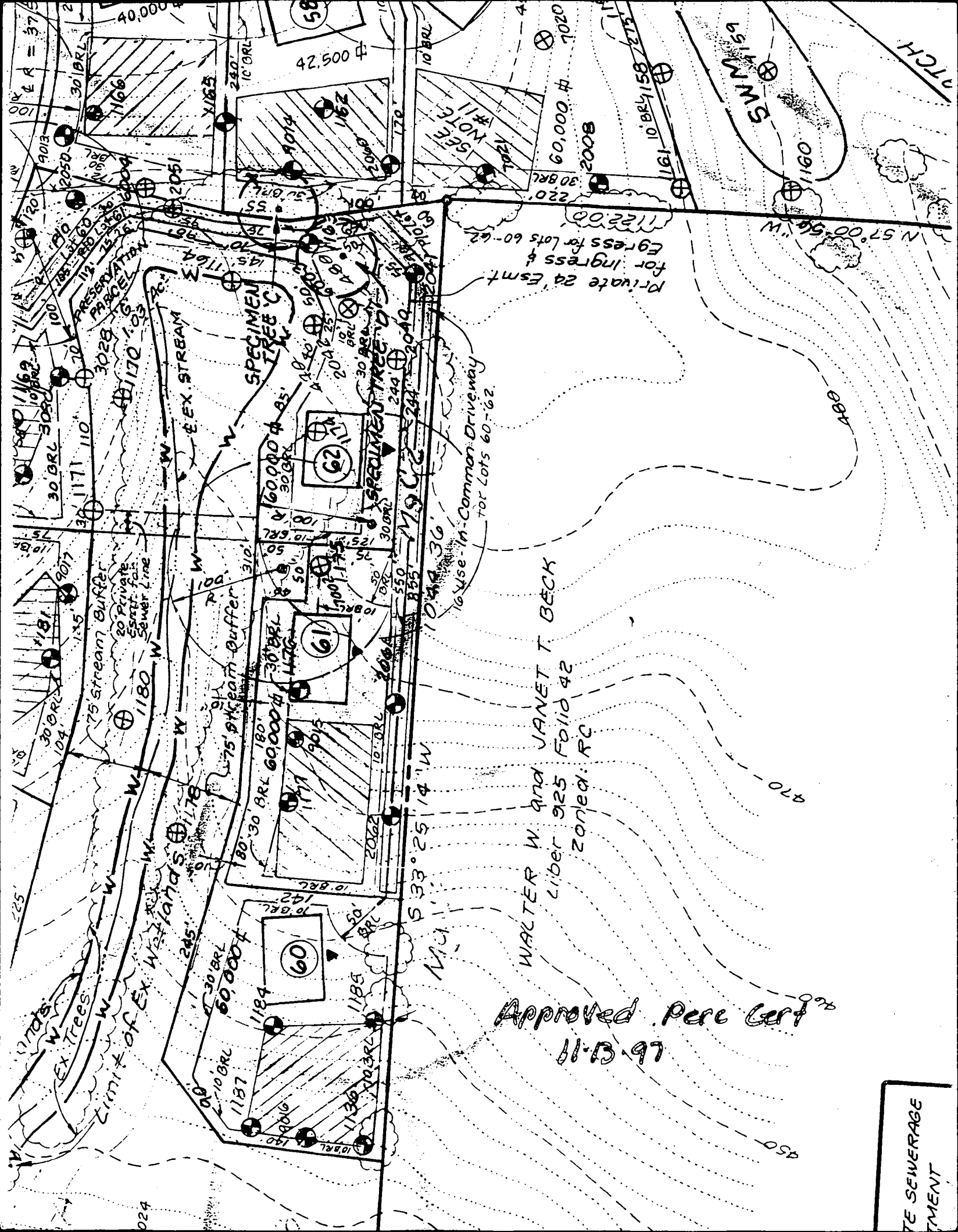
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



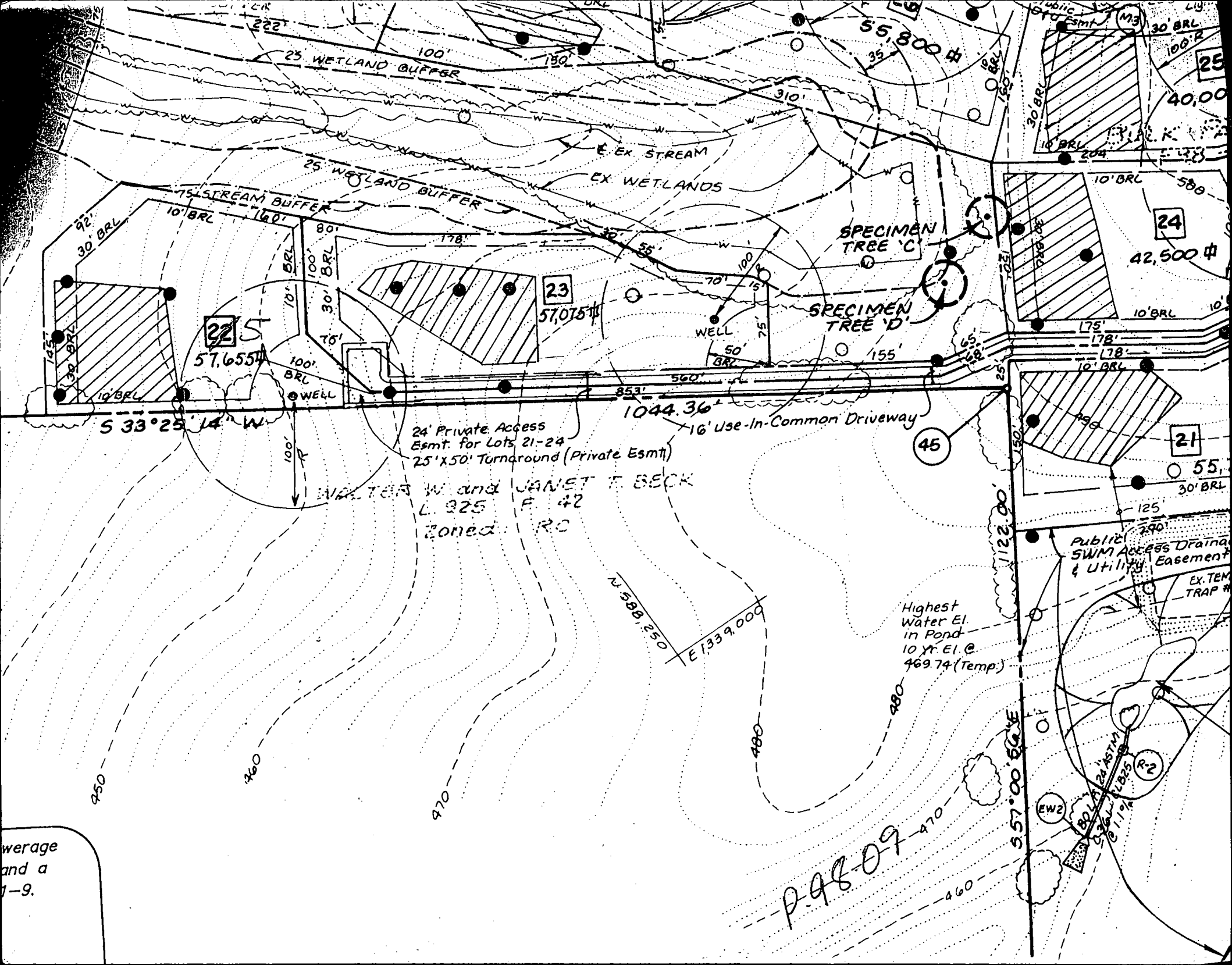
Private 24' Esmt
for ingress &
Egress for Lots 60-62
112200

Use-In-Common-Driveway
For Lots 60-62

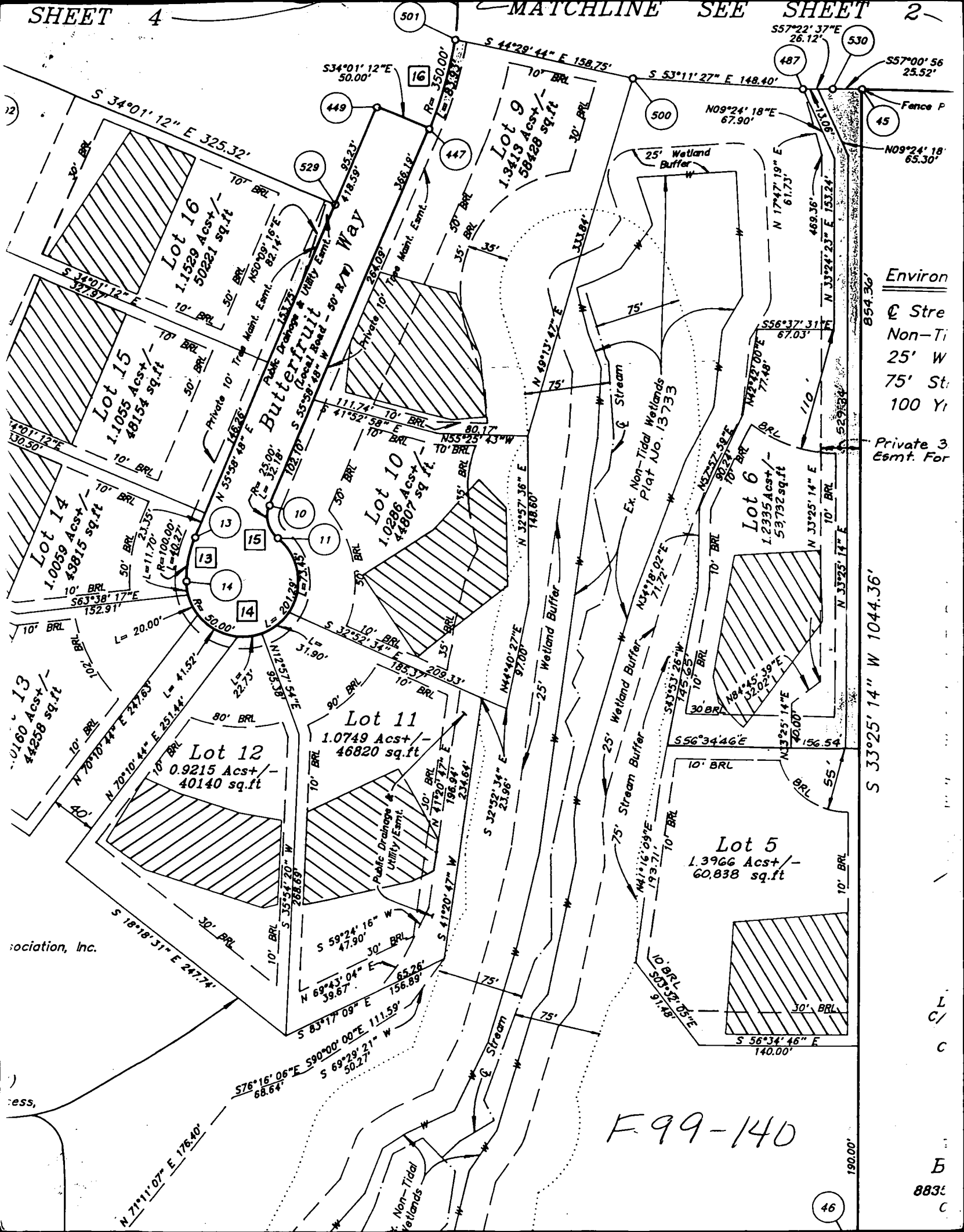
WALTER W. and JANET T. BECK
Liber 925 Folio 42
Zoned: RC

Approved. Perc Cert
11-13-97

WASTEWATER TREATMENT



verage
 and a
 1-9.



F99-140

Environ
 C Stre
 Non-Ti
 25' W
 75' St
 100 Yr

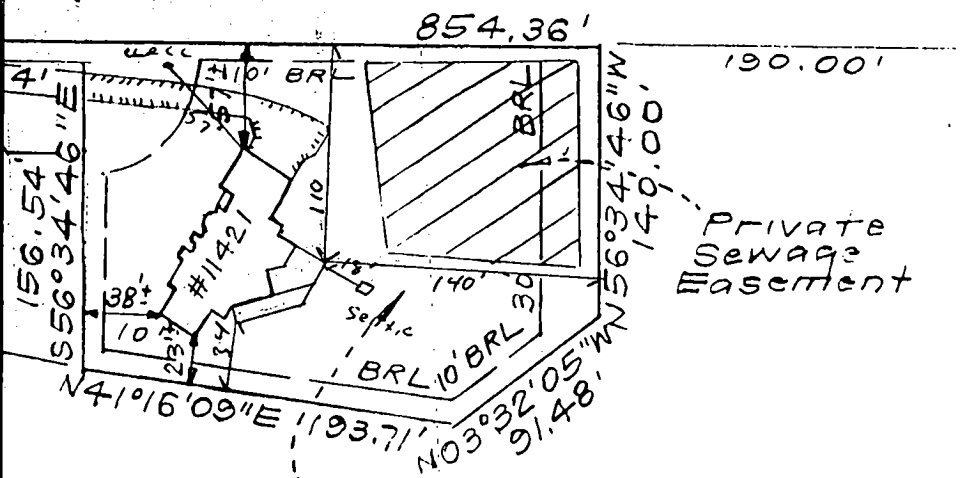
Private 3 Easmt. For

S 33°25'14" W 1044.36'

L
 C/
 C
 B
 883
 C

46

ER. W. & JANET T. BECK
 ET 925 Folio 42

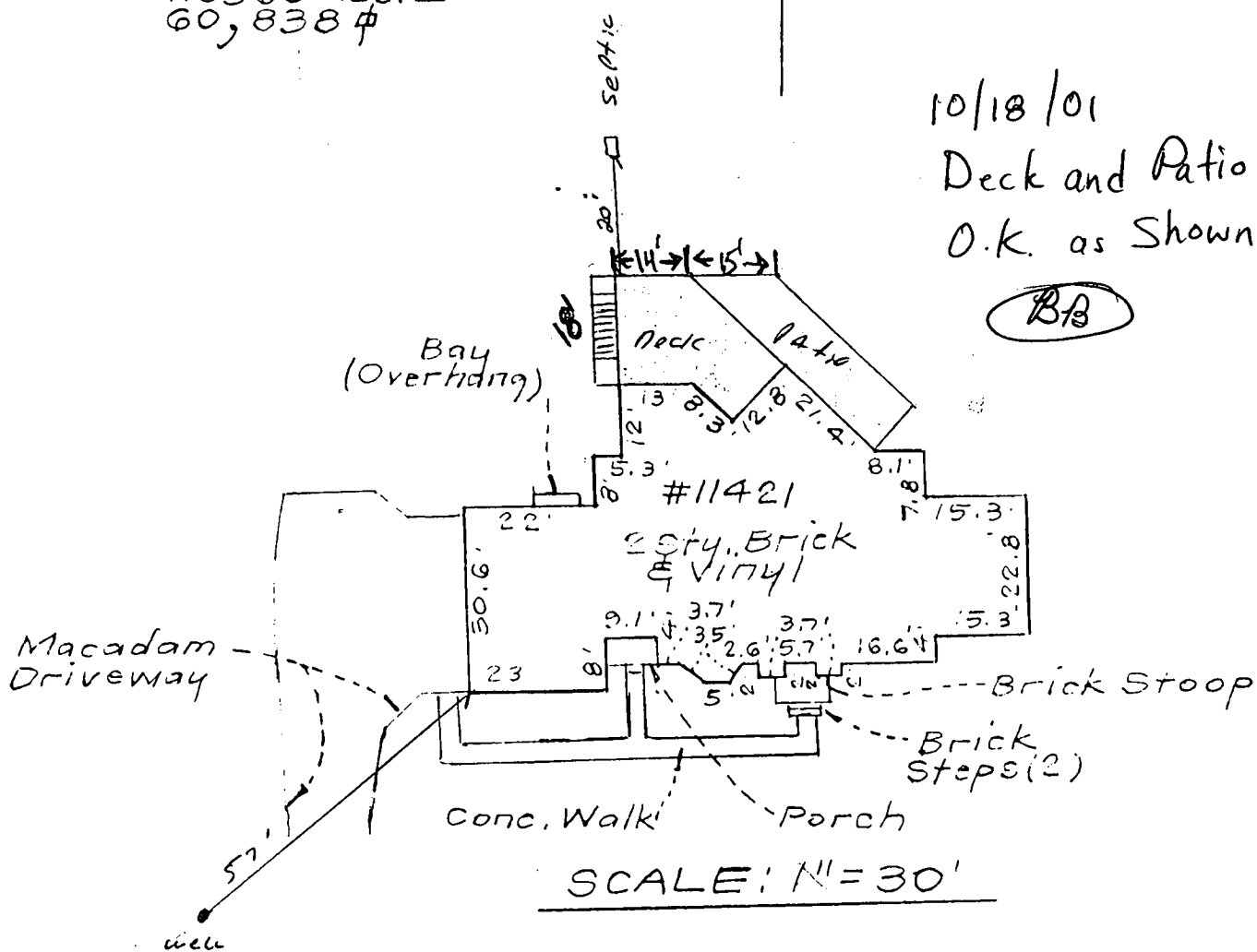


LOT 5
 1.3966 Acs. ±
 60,838 #

B00132875

10/18/01
 Deck and Patio
 O.K. as Shown

BB



For Reference: PLAT NUMBER 14133 & 14134



CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS

135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT • (301) 621-8100 WAS

DESIGNED	LOCATION DRAWING 11421 BUTTERFRUIT WAY LOT 5 BRANTWOOD SECTION TWO AREA ONE LOTS 1 THRU 30 AND PRESERVATION PARCELS 'E' & 'F' A RESUBDIVISION OF PART OF "BRANTWOOD-SECTION ONE" NON-BUILDABLE BULK PARCEL "E" THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" =
DRAWN KWC		DRAWING
CHECKED P4S		JOB NO
DATE 9-26-01		FILE NO 99-0