4/12 10 11:00 CATTAIL CREEK

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513381

A 50225-C

DISTRICT

DATE 4/10/2000

DATE SYSTEM APPROVED 4/13/00

INSPECTOR BB

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

INDEXED
04-359807

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670

SUBDIVISION Vinyards at Cattail Creek LOT 26 10 ROAD 3601 Willow Birch Drive

PROPERTY OWNER Charles & Marcie Tuegel

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350 (140'±)

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box at the highest corner of the septic reserve area: ~~50~~ 10' off the 181.56' lot line and ~~130~~ feet off the rear (125.79') lot line as seen when facing the property from Willow Birch Drive. Run trenches along contour towards the 251.75' lot line. OK E

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

- Trenches will be 70'± initially and may be longer thereafter. Maintain 100 Ft minimum separation distance from well on neighbor's Lot. RP 4/12/00

PLANS APROVED BY Kim Maiste/C.Williams/Donna K. Soe REVISED DATE 1-22-1997

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)

BLDG. PERMIT SIGNED AND RETURNED 5/5/00
B00123639 RP tank

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

BLDG. PERMIT SIGNED AND RETURNED 9/20/2000
B00126554 DECK/WITH STEPS

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.

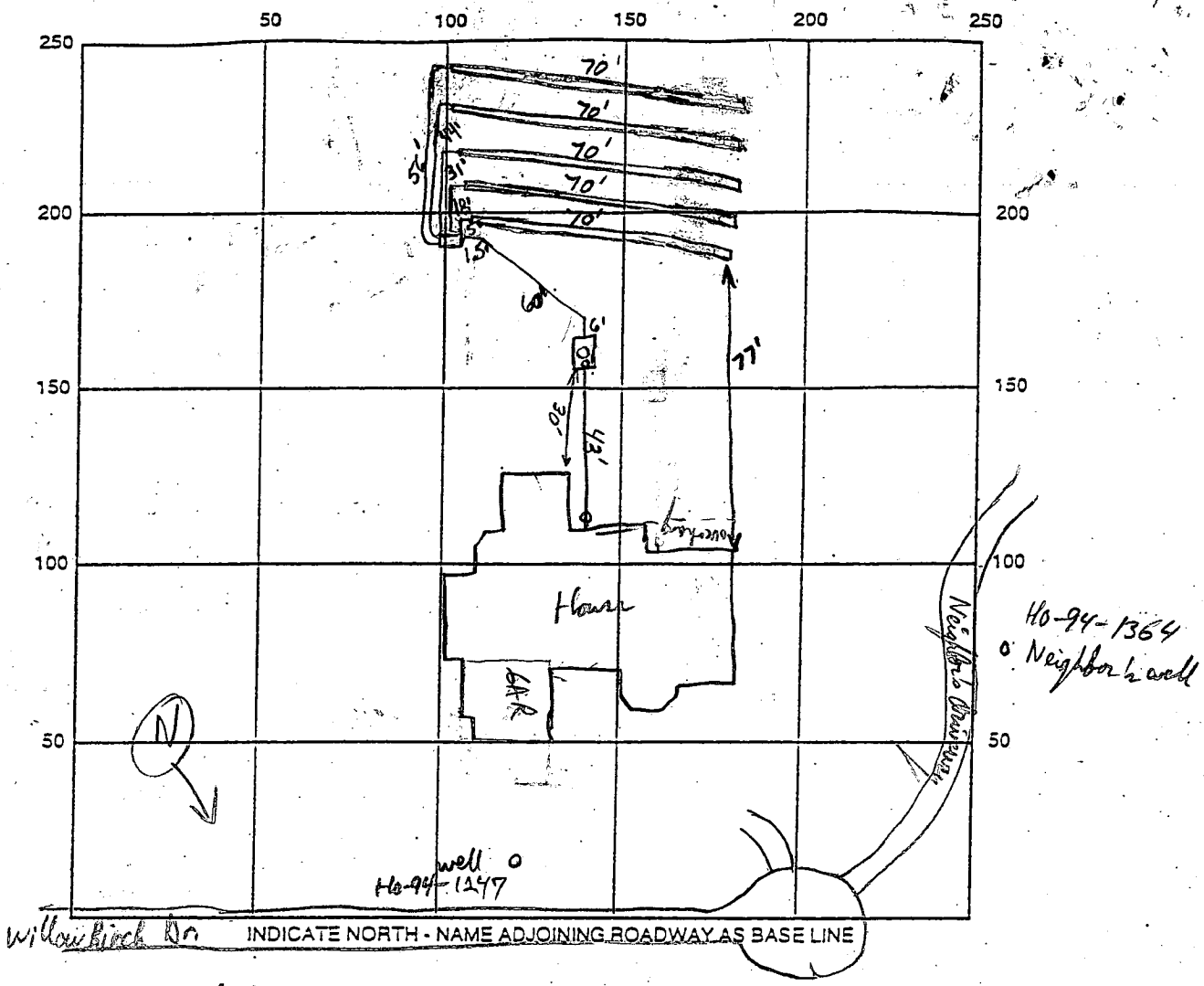
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

HD-260(5-90)

50225C



SEPTIC TANK LEVEL 1500 gal Mid seamed CLEANOUTS Hse + S.T. + 18" Manhole risers

DISTRIBUTION BOX LEVEL O.K.

DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 5 x 70 FT. (350 Total)

NUMBER OF TRENCHES 5 ~~ONE SIDEWALL~~/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA / SQ. FT.

REMARKS: House Connection + S.T. OK to cover. Layout Inspection OK see Notes. RPP 4/13/00 4/13/00
System loads O.K. O.K. to cover everything BB

WPT - OK to cover - all pts OK RPP 4/24/00

DATE SYSTEM APPROVED 4/13/00 INSPECTOR Brian Baker

APPLICATION

PERCOLATION TESTING

A 50225C

P _____

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

DISTRICT _____

DATE _____

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 David Hannaretti Charles & Marcie Turgel

ADDRESS c/o Land Design + Development 10805 Hickory Ridge Rd PHONE 740-2100

AGENT OR ~~PROSPECTIVE BUYER~~ Mark Reich

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Vineyards at Cattail Creek LOT NO. B2 & 10

ROAD AND DESCRIPTION Route 97 (3601 Willow Birch Drive)

~~BASIC PERMITS SIGNED~~
~~AND RETURNED~~ 2-6-98
Deed # 6001/8965

TAX MAP 21 PARCEL # 2,132,220 + 211

SIZE OF LOT 1 ± acres TYPE BLDG. SFD - 5 Bdrm
(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 S 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. # Vinyards at CC SP-96-11 DATE 2/28/96

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # Vinyards at CC DATE 1/31/97

THIS IS NOT A PERMIT

HD-216 (3/92)

No. A#
A50225C
COUNTY #

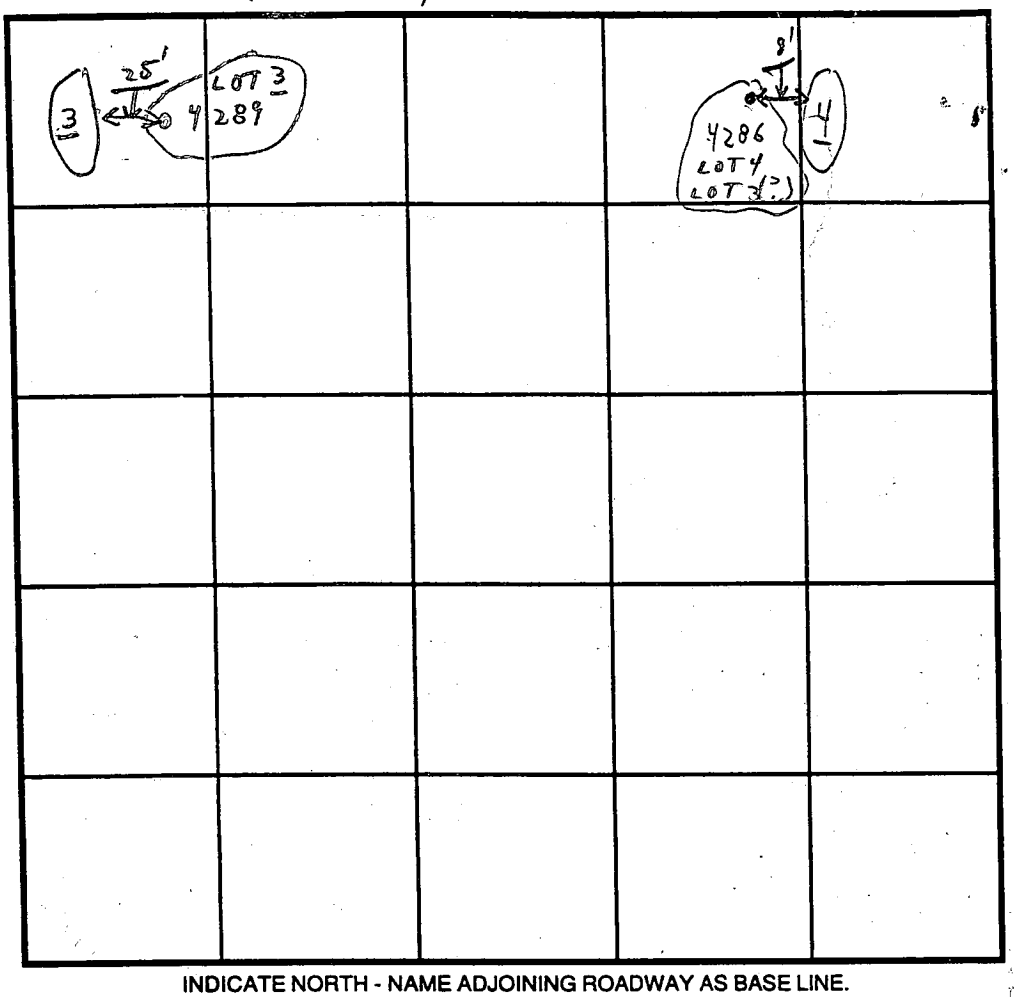
P part of new #3

LOT #3

SOIL PROFILE
HOLE ①
0' 0'- 1'
1' to
=

HOLE ②
0'- 1'
1' to
1'
=

HOLE ③
0'- 1'
1' to
See LOT #4
1'
=



SOIL PROFILE
HOLE ④
0'
See LOT #4

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
9/2/94	①						
Wed							
	①						
	③	5'-10"	10:20	10:22	10:22	10:25	3m
	4289 4298	12'		LOAM			
	④	5'-8"	10:28	10:30	10:30	10:35	5m
	4286	10'-10"		LOAM			

REMARKS 9/2/94 See LOT #4 Test in open = loam below clay

TYPE OF SOIL

TESTED BY C.B.S. ALSO PRESENT Mark Reich + 3 others

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH 6½ SQ. FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A _____

P _____

DISTRICT _____

DATE _____

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

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 Mario Mannarelli

ADDRESS c/o Land Design Development 1205 Thicket Ridge Rd PHONE 740-2101

AGENT OR ~~PROSPECTIVE BUYER~~ Dave Reich

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Vineyards at Cattail Creek LOT NO. 4 Test notes also relate to Lot 10

ROAD AND DESCRIPTION Route 97

TAX MAP 21 PARCEL # 2,132,220 + 211

SIZE OF LOT 1 ± 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. 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

No A#

A50225D
COUNTY #

LOT 4

SOIL PROFILE

Hole (1)

0'

0'-4½' clay

4½'

LOAM

11½'

Hole (2)

0'-5' clay

5'

LOAM

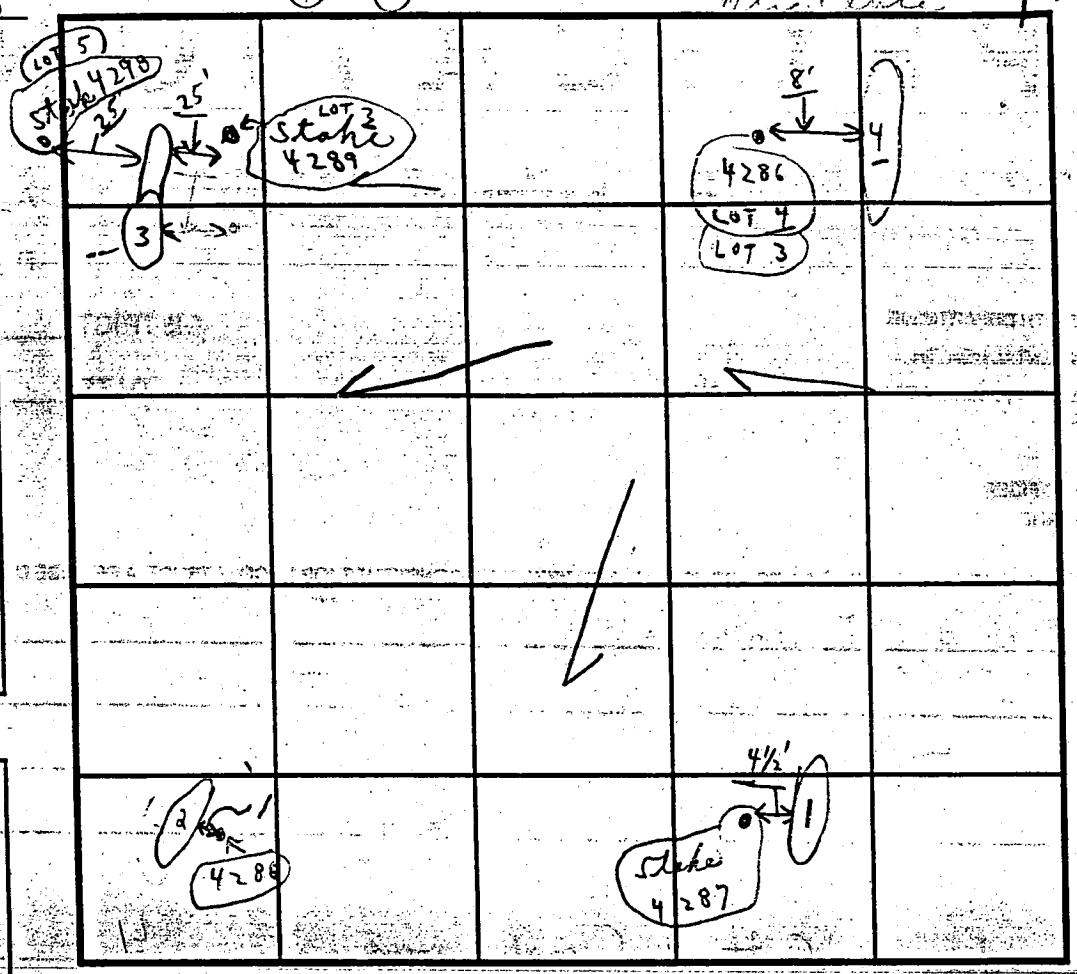
9'-10"

Hole (3)

New (4) + (5)

Wire Fence

Metal Gate & Wire Fence



SOIL PROFILE

Hole (4)

0'

Trees on slope

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
9/7/94	(1)	4½'	10:11	10:13	10:13	10:17	4m	
Wet	# 4287	11½'		"LOAM	"			
	(2)	5'	10:10	10:13	10:13	10:18	5m	
	# 4288	9'-10"		"LOAM	"			
	(3)	5'-10"	10:20	10:22	10:22	10:25	3m	Lo + Lot
For 2 Lots	# 4289 4298	12'		LOAM				
TAG	(4)	5'-3"	10:28	10:30	10:30	10:35	5m	
TAG	# 4286	10'-10"		LOAM				

REMARKS 9/7/94 (LOT # 4 tests in open at lot @ 10:00)

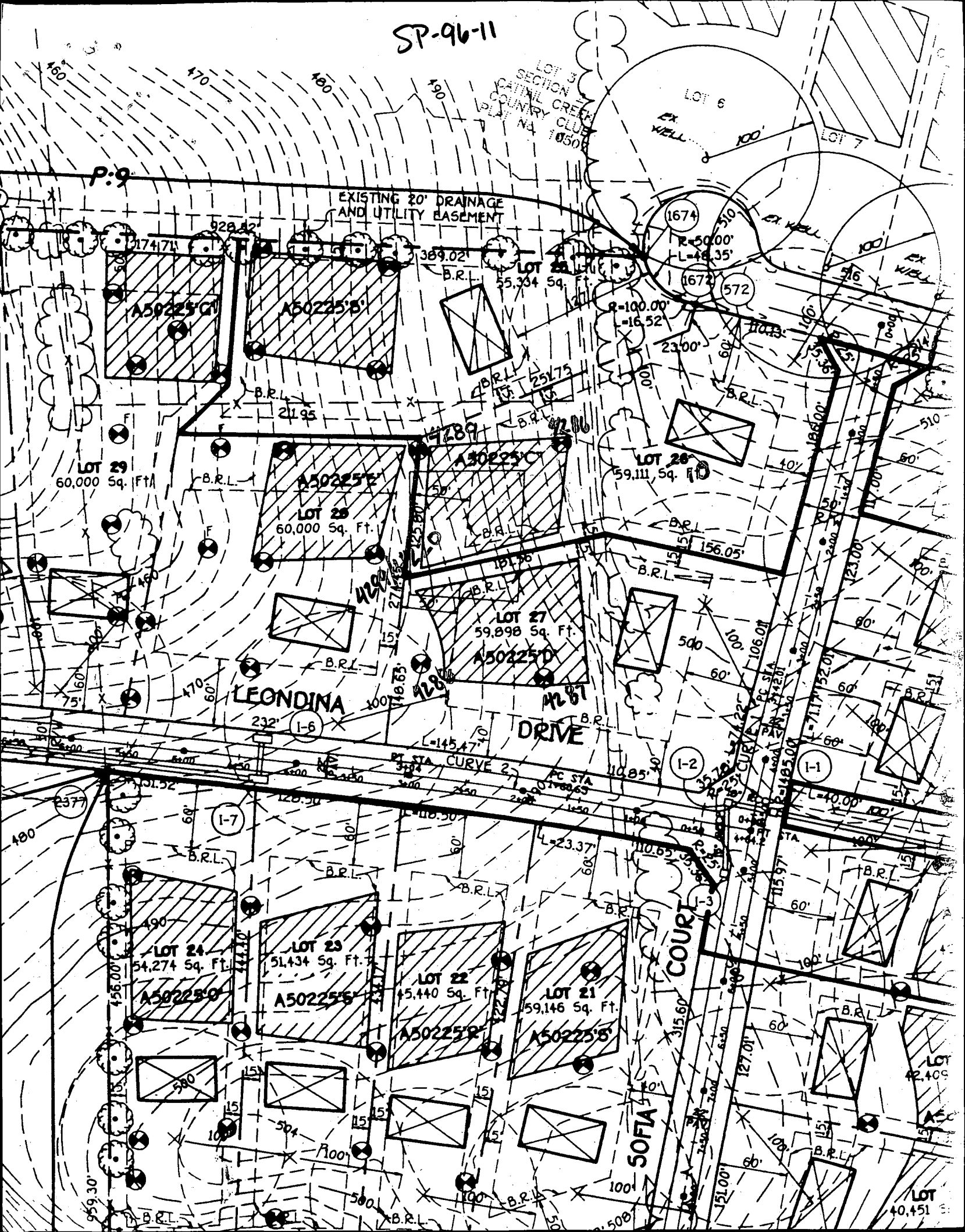
TYPE OF SOIL Loam to below clay (Mark Reed)

TESTED BY CBS ALSO PRESENT (3) Includes Dan

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

SP-96-11


LOT 3
SECTION 2
CATTAIL CREEK
COUNTRY CLUB
PLAT NO. 1
LOT 6
LOT 7
EX WELL
EXISTING 20' DRAINAGE AND UTILITY EASEMENT
LOT 29
60,000 Sq. Ft.
LOT 28
60,000 Sq. Ft.
LOT 27
59,898 Sq. Ft.
LOT 26
59,111 Sq. Ft.
LOT 25
55,334 Sq. Ft.
LOT 24
54,274 Sq. Ft.
LOT 23
51,434 Sq. Ft.
LOT 22
45,440 Sq. Ft.
LOT 21
59,146 Sq. Ft.
LOT
42,409
LOT
40,451
A50225'A'
A50225'B'
A50225'C'
A50225'D'
A50225'E'
A50225'F'
A50225'G'
A50225'O'
A50225'P'
A50225'Q'
A50225'R'
A50225'S'
LEONDINA DRIVE
SOFIA COURT
CURVE 2
CURVE 1
B.R.L.
1-1
1-2
1-3
1-6
1-7
1672
1674
572
2377

Signed final

VE DATA

TA	TANGENT	CHORD BEARING	CHORD
7°09"	86.24'	N76°23'34"E	162.70'
8°03"	8.28'	S68°41'38"E	16.51'
4°15"	26.25'	S36°15'30"E	46.49'
22'37"	64.28'	S53°00'25"E	126.12

MINIMU

LOT No.	GROSS AREA	PIPESTEM AREA
5	46,815 Sq.Ft.±	794 Sq.Ft±
6	53,112 Sq.Ft.±	1,634 Sq.Ft
7	51,748 Sq.Ft.±	2,070 Sq.F
8	50,781 Sq.Ft.±	2,932 Sq.F

LOT 3
SECTION 2
CATTAIL CREEK
COUNTRY CLUB
PLAT No. 10507

EXISTING PRIVATE
USE-IN-COMMON
DRIVEWAY EASEMENT
LIBER 2620, FOLIO 728
(TO BE RELINQUISHED
AND ABANDONED)

LOT 6

LOT 7

LOT 8

CATTAIL CREEK SE PLAT

1674

R=50.00'
L=48.35'

1672

572

S85°48'13"E 485.14'
355.02'

130.12'

10'

B.R.L.

50'

R=100.00'
L=16.52'

S73°25'38"E
210.13'

S16°34'22"W
23.00'

EX. 50' R/W PLAT No. 10506

WIL

LOT 9
55,842 Sq. Ft.

N07°49'14"E 130.00'

N69°17'46"E 251.75

N28°25'38"W
35.36'

50'

B.R.L.

N16°34'22"E 186.00'

S16°34'22"W
117.00'

1700

1703

S61°34'22"
35.36'

1705

S73°25'38"

N44°44'03"E
60.00'

30'

30'

B.R.L.

10'

N87°34'32"W 215.00'

B.R.L.

10'

B.R.L.

LOT 10
59,111 Sq. Ft.

N08°13'36"E 125.79'

30'

B.R.L.

10'

N75°25'47"W 156.05'

S79°11'54"W 181.56'

10' PUBLIC TREE
MAINTENANCE EASEMENT

DUE NORTH
MATCH LINE ONLY - NOT A LOT LINE

EXISTING PRIVATE
USE-IN-COMMON
DRIVEWAY EASEMENT
LIBER 2620, FOLIO 728
(TO BE RELINQUISHED
AND ABANDONED)

LOT 1
MANNARELLI PROPERTY
PLAT No. 10524

LOT LINE REMOVED
BY RECORDATION
OF THIS PLAT

PART OF
BUILDABLE BULK PARCEL 'A'
AREA THIS SHEET = 18.927 AC.±

C 1 | 9534 | SEQUENCE NO. (MDE USE ONLY)

(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 A-5022SC

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED: 08/28/97

Depth of Well: 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-94-1247

OWNER Mannarelli, Mario (last name, first name) TOWN Glenwood

STREET OR RFD Willow Birch Drive

SUBDIVISION Vinyards at Catoctin Creek SECTION LOT 10

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 FROM	FEET TO	check if water bearing
Overburden	0	36	
Granite	36	300	x
water was encountered at 70 & 290'			

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.

TYPE: MWD/MSD/MGD

DRILLERS LIC. NO. 399

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. JSD048

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box): yes [Y] no [N]

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT [CM] BENTONITE CLAY [BC]

NO. OF BAGS 9 NO. OF POUNDS 900

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 36 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	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	6	41

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD

screen type or open hole insert appropriate code below

[ST] STEEL [BR] BRASS BRONZE [HO] OPEN HOLE [PL] PLASTIC [OT] OTHER

C 2

EACH SCREEN	DEPTH (nearest ft.)	
1	40	41 300
2		
3		

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68: from ____ to ____ [ ] 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T [ ] 70 (E.R.O.S.) [ ] 72 W Q [ ] 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour): 3

PUMPING RATE (gal. per min.): 10.3

METHOD USED TO MEASURE PUMPING RATE: Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING: 44 ft.

WHEN PUMPING: 208 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)

PUMP HORSE POWER

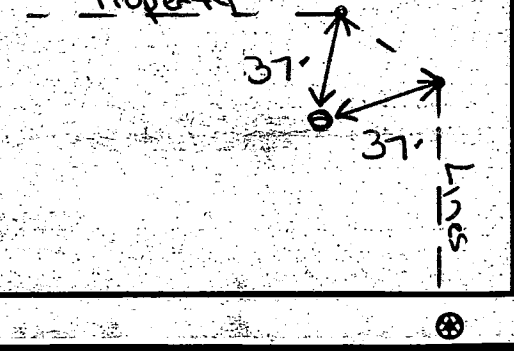
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

[+] above [-] below LAND SURFACE (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)



COUNTY

Page 1 of 1
Date 8-22-97

Review Ok 9/24/97

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1247
Location of property (road) Willow Birch Drive
Subdivision Vineyards at Cattail Creek Lot 10 Block Plat Sec.
Well Driller G. Edgar Hair + Sons Owner Mario Mannarelli

Depth of well 300'
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 44'

I. High rate pumping -- reservoir drawdown

Time pump started 1030 Pumping rate 14.29
Total time 15 min to reach pumping water level 69 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)
1030	44'	21		14.29
1045	69'	21		14.29
1100	104'	21		14.29
1115	119'	22		13.64
1130	136'	22		13.64
1145	147'	23		13.04
1200	161'	25		12.0
1215	176'	26		11.54
1230	179'	28		10.71
1245	187'	28		10.71
1300	195'	29		10.34
1315	203'	29		10.34
1330	208'	29		10.34

HD-224

EMERGENCY/TEMP NO. IF ANY

B 1 | 3549 | SEQUENCE NO. (MDE USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: HO-94-1247

fill in this form completely

Date Received (APA): 8-1-97

OWNER INFORMATION

Mario Mannarelli Inc (Last Name / Owner / First Name)

2929 Summit Circle (Street or RFD)

Ellicott City MD 21043 (Town / State / Zip)

DRILLER INFORMATION

Paul M Fabiszak MWD 399 (Driller's Name / License No.)

G. Edgar Harr Sons Corp (Firm Name)

12047 Falls Rd Cockeysville 21030 (Address)

Signature: Paul M Fabiszak Date: 7-30-97

LOCATION OF WELL

Howard (COUNTY)

Vineyards at Cattail Creek (SUBDIVISION)

SECTION ____ LOT 10

Glenwood (NEAREST TOWN)

MILES FROM TOWN (enter 0 if in town): 2 M I

B 4 — DIRECTION OF WELL FROM TOWN (CIRCLE BOX): NW 8-9, N 8, NE 8-9, W 8, TOWN, E 8, SW 8-9, S 8, SE 8-9

Willow Birch Drive (NEAR WHAT ROAD)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH, WEST, EAST, SOUTH

DISTANCE FROM ROAD: 200 FT

TAX MAP: ____ BLK: ____ PARCEL ____

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 750

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
- [I] INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- [P] PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL
- [T] TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard (COUNTY NAME) A50225C (COUNTY NO.)

STATE SIGNATURE ____ INSERT S

DATE ISSUED 8/5/97 Kimberly Maisel (CO SIGNATURE) EXP. DATE 8/5/98

NORTH GRID 523 000 EAST GRID 786 000

APPROXIMATE DEPTH OF WELL: 250 FEET

APPROXIMATE DIAMETER OF WELL: 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) | JETTED | Jetted & DRIVEN

AIR-ROTary | AIR-PERcussion | ROTARY (Hydraulic Rotary)

CABLE | REVerse-ROTary | DRive-POINT

other ____

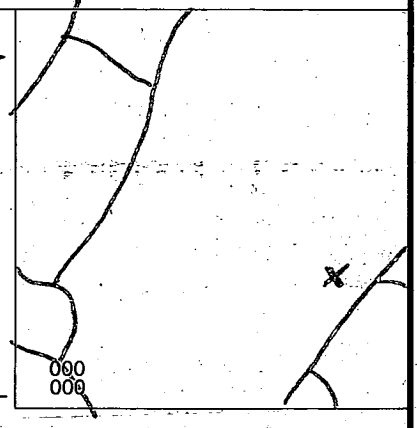
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7806

N 5203

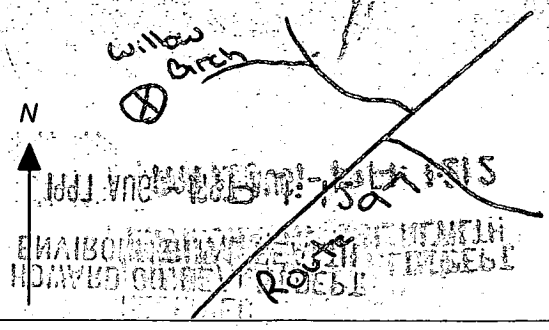


REPLACEMENT OR DEEPENED WELLS
(CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL
- [Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- [D] THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

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)

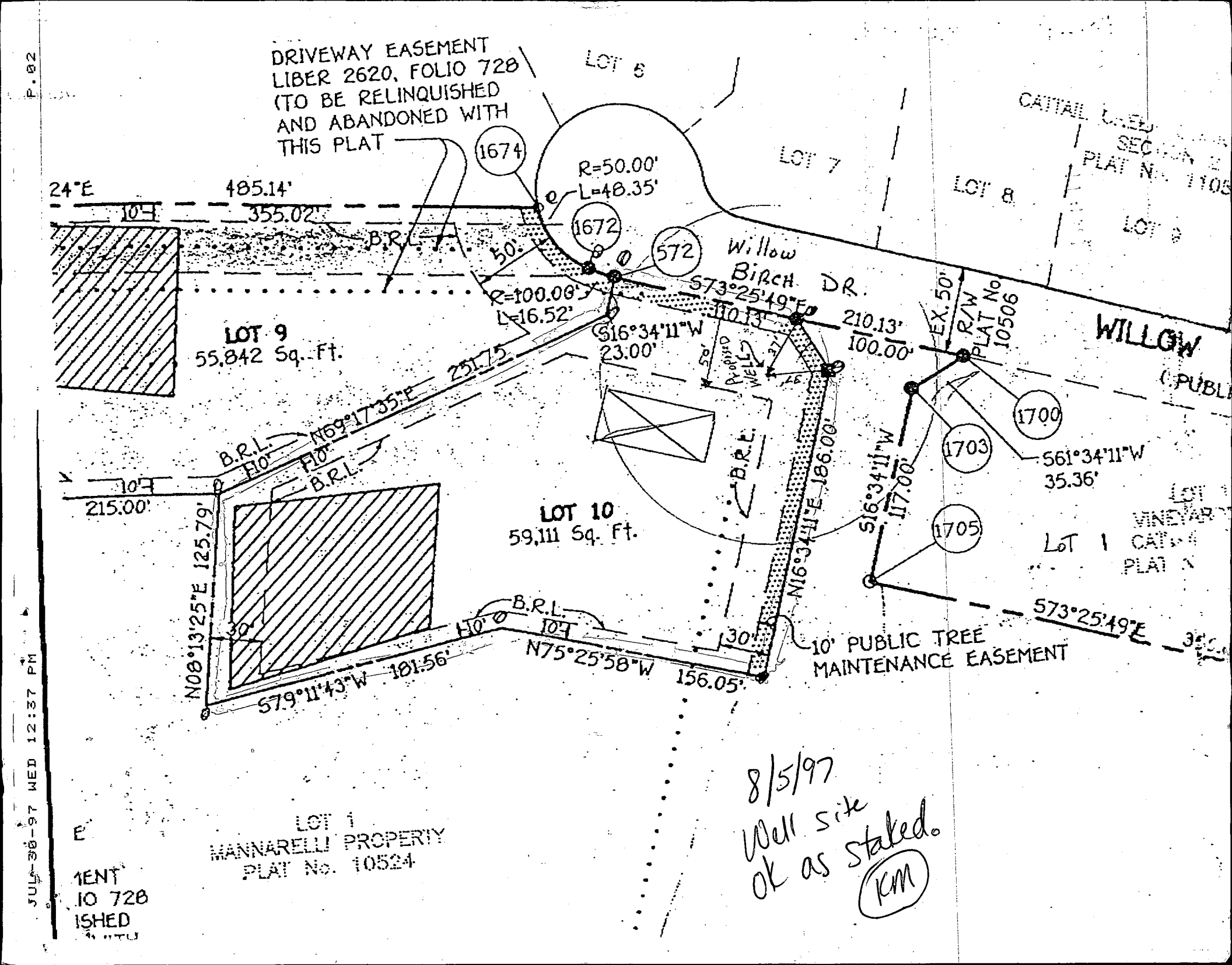
APPROP. PERMIT NUMBER ____ GAP

FORCE KM (WRITE INITIALS IN BOX) PERMIT No. HO-94-1247

SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

COUNTY


DRIVEWAY EASEMENT
LIBER 2620, FOLIO 728
(TO BE RELINQUISHED
AND ABANDONED WITH
THIS PLAT
LOT 6
LOT 7
LOT 8
1674
1672
572
R=50.00'
L=48.35'
24"E
485.14'
355.02'
B.R.L.
50'
R=100.00'
L=16.52'
S16°34'11"W
23.00'
S73°25'49"E
210.13'
100.00'
EX. 50' R/W
PLAT No 10506
WILLOW
1700
1703
1705
561°34'11"W
35.36'
516°34'11"W
117.00'
N16°34'11"E 186.00'
LOT 9
55,842 Sq. Ft.
LOT 10
59,111 Sq. Ft.
N69°17'35"E 251.72'
215.00'
N08°13'25"E 125.79'
S79°11'43"W 181.56'
N75°25'58"W 156.05'
10' PUBLIC TREE
MAINTENANCE EASEMENT
573°25'49"E
LOT 1
MANNARELLI PROPERTY
PLAT No. 10524
8/5/97
Well site
ok as staked.
KM

4/24/00 ANYTIME

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

Fax 313-2648 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ✓
Replacement ____

Receipt # ____
Date 4/24/00

Name of Installer Robert L. Feezer Co. Inc Telephone 410 781-4655

License Number 2122
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber ✓

Name of Property Owner Mario Mannarelli & Sons, Inc Telephone 410 461-2278
Subdivision Cattail Creek Lot # 10 Well Tag # HO-94-1247
Site Address 3601 Willow Birch Dr Glenwood

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible ✓
2. Make Sta-Rite
3. Model # 7P4C02HL04
4. Capacity 7 GPM
5. Pump exceeds well capacity Yes ____ No ✓
6. Pump has 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 ____

Motor
1. Horsepower 1/2
2. RPM 3450
3. Voltage ____
   a. 110 ____
   b. 220 ✓

Pitless Adapter
1. Make Myers
2. Model # PSW
3. Depth 42"

Tank
1. Capacity 62
2. Pressure relief valve? YES

Piping
1. Type Flex
2. Size 1"
3. NSF and/or BOCA Code approved Yes
4. Depth of supply line 42"

Well data
1. Depth 150 ft.
2. Yield ____ GPM
3. Static water level ____ ft.
4. Will water supply be disinfected by installer? YES

w/I - pitless adapter 6" @ 3½' ft
Plastic 2 piece cap & PVC Conduit type O.K. to cover RPP 4/24/00 - Proper gravity exhibit

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: Robert L. Feezer

Date: ____

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

FO-218

f SEEDING - Instead of applying the full amounts of lime posted sludge and amendments may be applied as specified below:

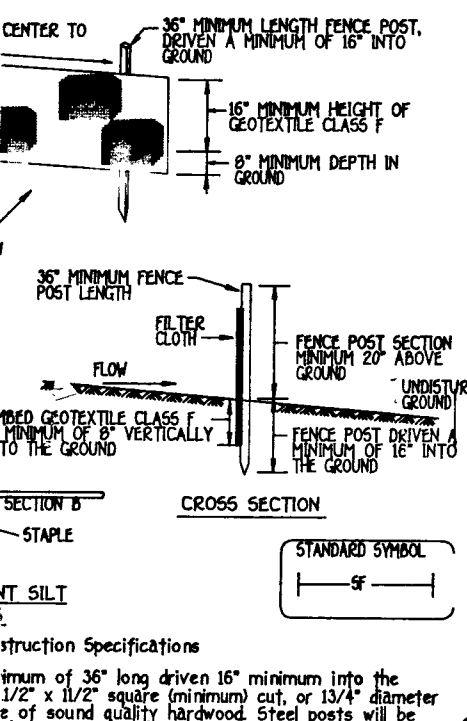
d for use as a soil conditioner for sites having disturbed
e tested to prescribe amendments and for sites having disturbed
conform to the following requirements:

hall be supplied by, or originate from, a person or persons that are
: of acquisition of the compost) by the Maryland Department of the
mar 26.04.06.

hall contain at least 1 percent Nitrogen, 1.5 percent Phosphorus, and 0.2
d have a Ph of 7.0 to 8.0. If compost does not meet these requirements,
tuents must be added to meet the requirements prior to use.

hall be applied at a rate of 1 ton/1,000 Sq. Ft.

: amended with a Potassium Fertilizer applied at the rate of 4 lb./1,000
al lime application rate.



CROSS SECTION

STANDARD SYMBOL

SF

struction Specifications

imum of 36" long driven 16" minimum into the
1/2" x 1 1/2" square (minimum) cut, or 13/4" diameter
e of sound quality hardwood. Steel posts will be
ghting not less than 1.00 pond per linear foot.

ed securely to each fence post with wire ties
ction and shall meet the following requirements

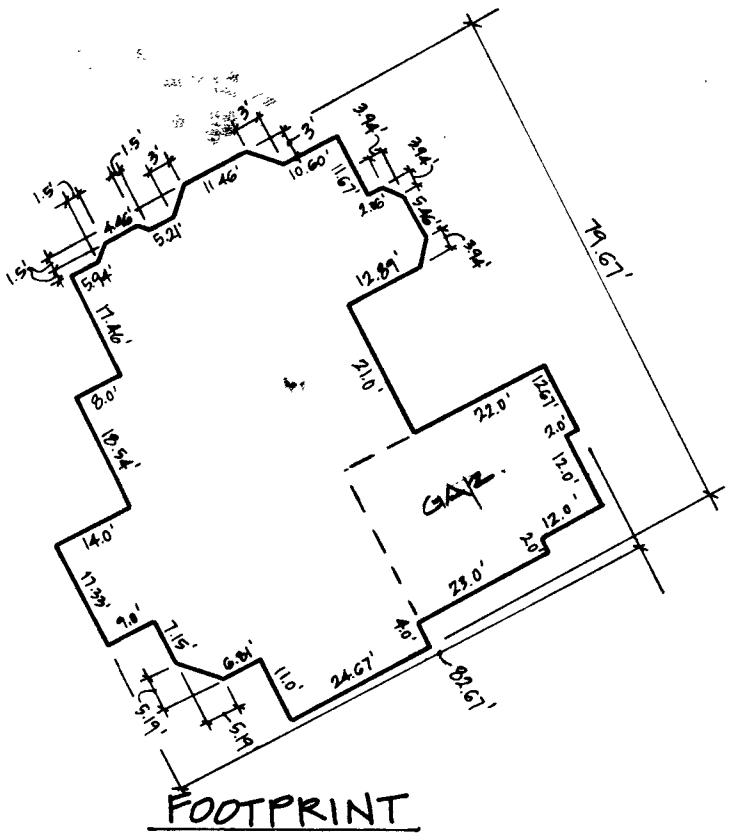
50 lbs/in (min.)	Test: MSMT 509
20 lbs/in (min.)	Test: MSMT 509
0.3 gal ft²/ minute (max.)	Test: MSMT 322
75% (min.)	Test: MSMT 322

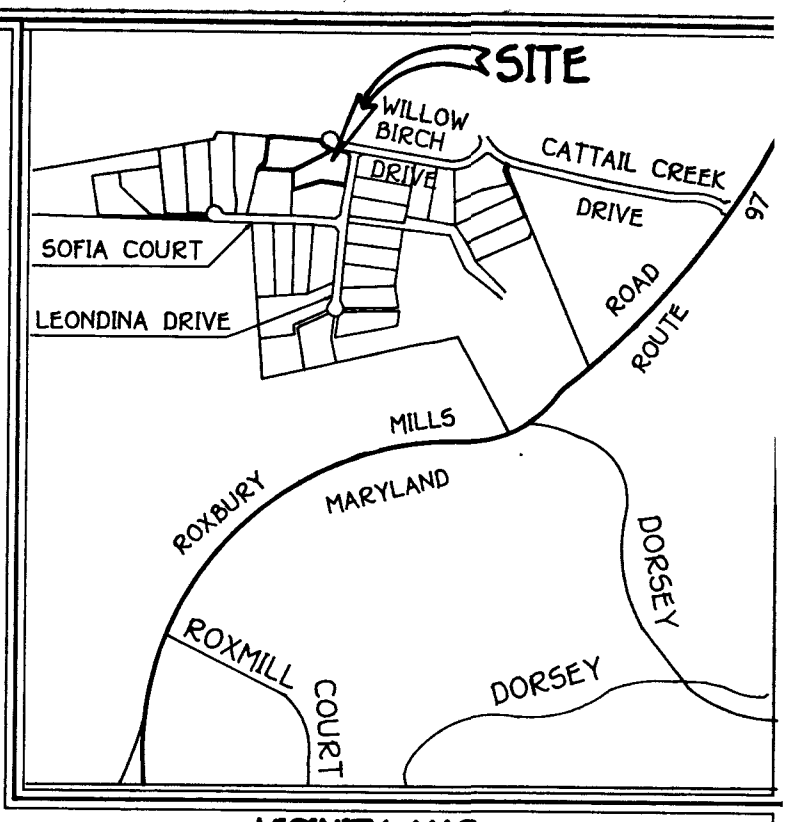
fabric come together, they shall be overlapped,
sediment bypass.

ed after each rainfall event and maintained when
t accumulation reached 50% of the fabric height.

LT FENCE

T TO SCALE





VICINITY MAP

SCALE: 1"=2000'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 515.50
   B. BASEMENT ELEVATION: 506.50
   C. INVERT OF SEPTIC SYSTEM AT HOUSE: 502.50
   D. INVERT IN AT SEPTIC TANK: 501.80
   E. INVERT OUT AT SEPTIC TANK: 501.50
   F. PROPOSED GRADE OVER SEPTIC TANK: 504.50
   G. INVERT AT DISTRIBUTION BOX: 501.00 499.5
   H. EXISTING GROUND OVER DISTRIBUTION BOX: 504.00
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. ~~THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.~~

Approved Septic System Plan - Howard County Health Department

Total linear feet of trench required 350 **feet**

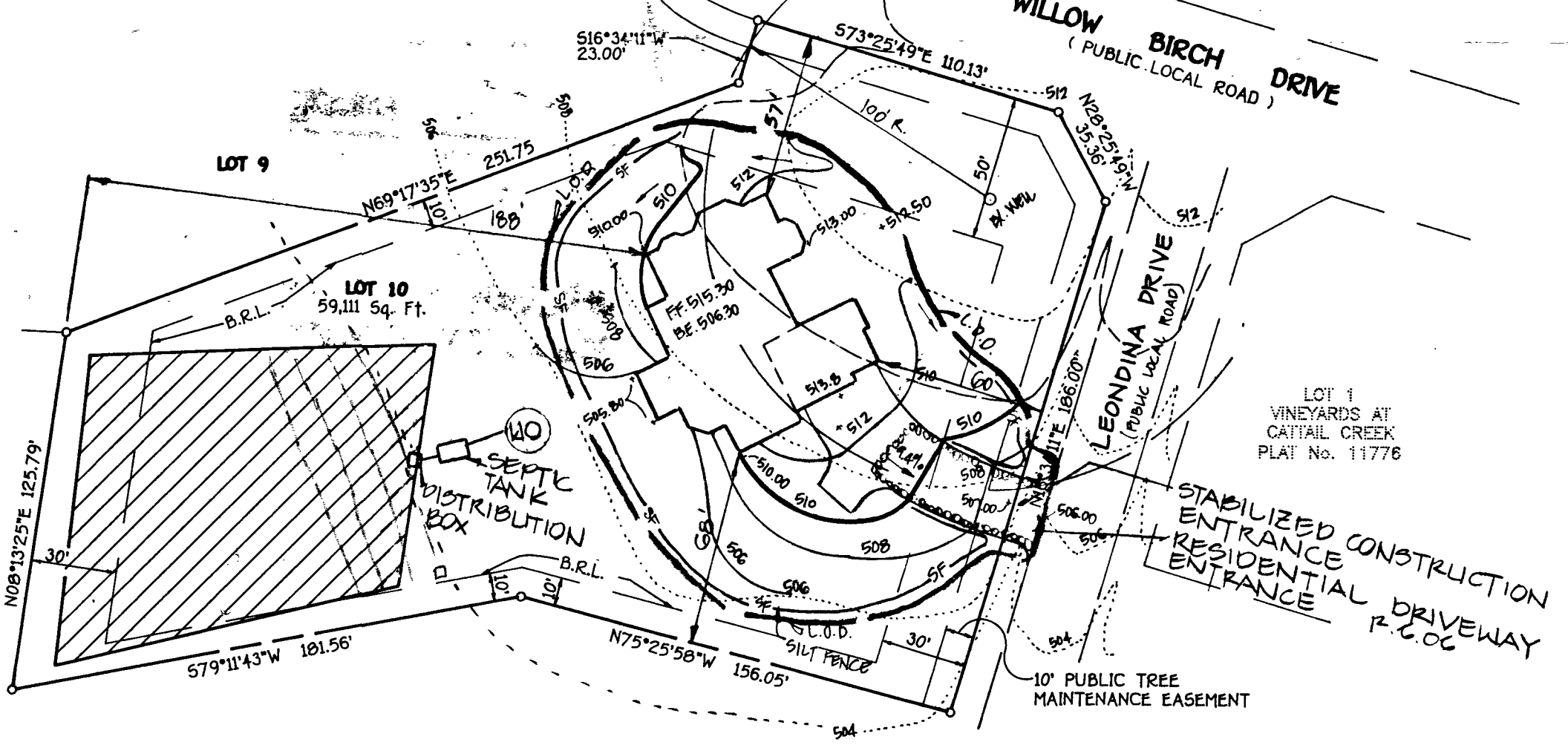
Width of trench(es) 3 **feet**

Depth of trench(es) 6.5 **feet**

Depth of stone required below distribution pipe 2 **feet**

DOW 6/7/99

Signature **Date**



GP-99-192

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

LOT 10
VINEYARDS AT CATTAIL CREEK

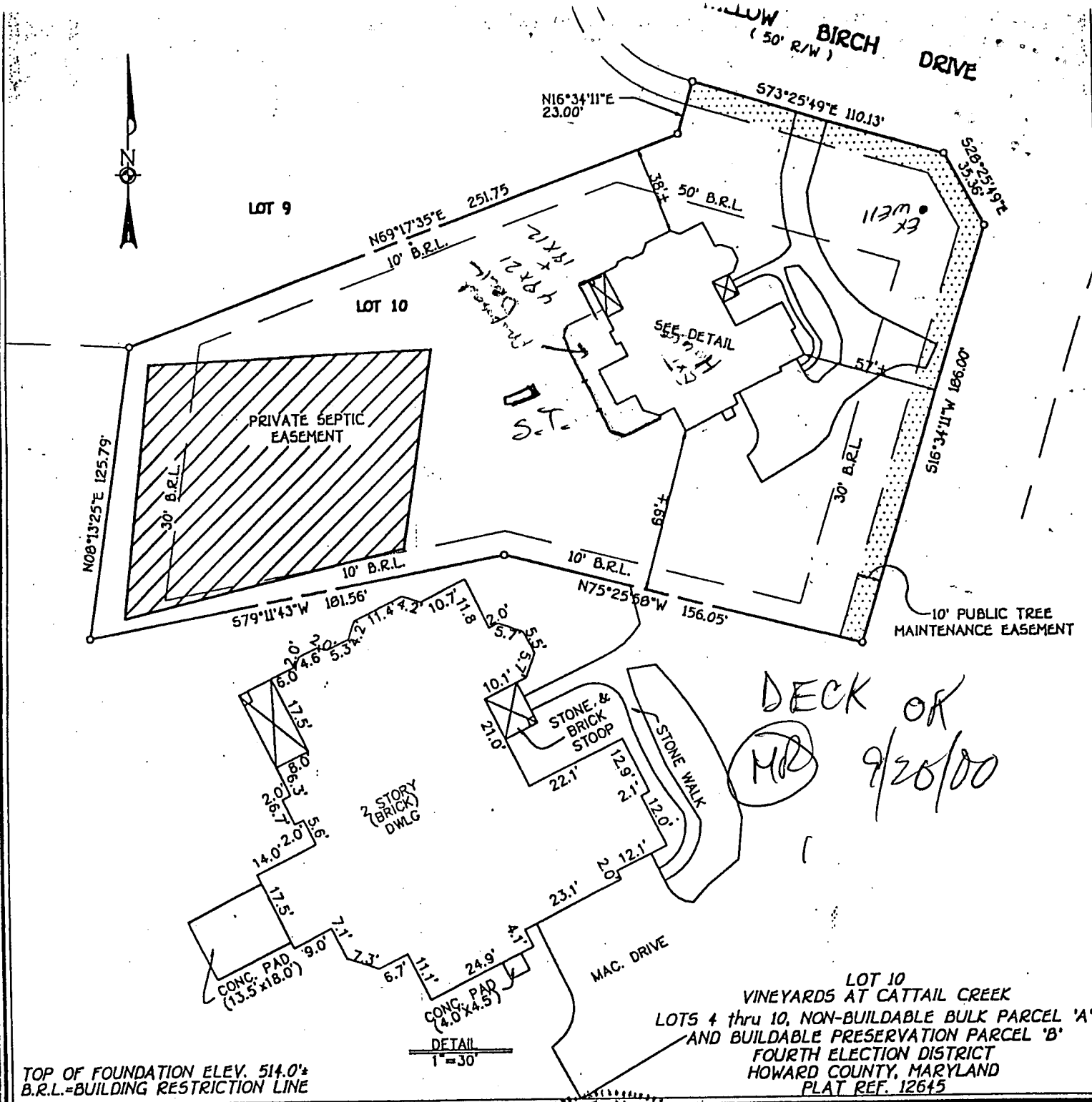
LOTS 4 thru 10, NON-BUILDABLE BULK PARCEL 'A' AND BUILDABLE PRESERVATION PARCEL 'B'

RESUBDIVISION OF LOTS 1, 2 AND 3, "MANNARELLI PROPERTY" PLAT No. 10524 AND PART OF LIBER 2020 AT FOLIO 224, LIBER 2456 AT FOLIO 336, AND LIBER 2622 AT FOLIO 518

ZONED: RC-DEO

TAX MAP No. 21 PART OF PARCEL 2 ALL OF PARCEL 220 GRID: 8
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

Scale: 1" = 50' DATE: MAY, 1999



TOP OF FOUNDATION ELEV. 514.0'±
B.R.L.=BUILDING RESTRICTION LINE

LOT 10
VINEYARDS AT CATTAIL CREEK
LOTS 4 thru 10, NON-BUILDABLE BULK PARCEL 'A'
AND BUILDABLE PRESERVATION PARCEL 'B'
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT REF. 12645

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

FCC

STATE OF MARYLAND
CHARLES J. CROVO, SR.
No. 10763
REGISTERED
PROFESSIONAL LAND SURVEYOR

PROFESSIONAL LAND SURVEYOR REG. #10763 — DATE 6/19/00

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 8/27/99
FINAL LOCATION: 6/15/00
BOUNDARY SURVEY: ____

SCALE: 1"=60'
DATE: 6/19/00
DRAWN BY: T.P.E.
CHECKED BY: C.C.
PROJECT No.: 60988

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1910
AUTOMATED INFORMATION (410) 313-3900

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B00126554

Building Address 3601 Willow Birch Dr.
Glenwood, MD 21738

Suite/Apt. #: _____ SDP/WP/Petition #: _____

Census Tract 6040 Subdivision _____

Section _____ Area _____ Lot 10

Tax Map 21 Parcel 825 Grid 8

Zoning R-20 Map Coordinates 8K9 Lot size

Property Owner's Name SAME AS
Address OCCUPANT
City _____ State _____ Zip Code _____
Home Phone _____ Work Phone _____
Applicant's Name & Mailing Address, (if other than stated hereon):

Phone _____ Fax _____

Existing Use SFD
Proposed Use ~~Addn~~ SFD w/ Deck
Estimated Construction Cost $ 20000
Description of Work To build Deck
w/ Trellis Shape 48x21
w/ Steps to Grade

Contractor Company M. MANNARELLI & SONS
Contact Person MARIO MANNARELLI
Address 2929 Summit Circle
City Ellicott City State MD Zip Code 21043
License No. 2046
Phone 410-461-2278 Fax SAME

Occupant or Tenant CHARLES FUEGAL
Contact Name SAME
Address 3601 Willow Birch Dr.
City Glenwood State MD Zip Code 21738
Phone 410-465-3453 Fax

Engineer or Architect Company _____
Contact Person _____
Address _____
City _____ State _____ Zip Code _____
Phone _____ Fax _____

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics	Utilities
Height:	Water Supply: ___ Public ___ Private
No. of stories:	Sewage Disposal: ___ Public ___ Private
Gross area, sq. ft. per floor:	Electric Yes ☐ No ☐ Gas Yes ☐ No ☐
Use group:	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
___ State Certified Modular	

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics	Utilities
SF Dwelling ☐ SF Townhouse ☐ Depth Width	Water Supply: ___ Public ✓ Private
1st floor:	Sewage Disposal: ___ Public ✓ Private
2nd floor:	Electric Yes ☐ No ☐ Gas Yes ☐ No ☐
Basement:	Heating System: Electric ☐ Oil ☐ Natural Gas ☐ Propane Gas ☐
Finished Basement ☐ Unfinished Basement ☐ Crawl space ☐ Slab on Grade ☐ No. of Bedrooms	Sprinkler system: N/A ☐ ___ NFPA #13D ___ NFPA #13R ___ Other:
Multi-family dwellings: No. of efficiency units: No. of 1 BR units: No. of 2 BR units: No. of 3 BR units:	
Other Structure: Dimensions: Footings: Roof:	
___ 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.

Applicant's Signature

MARIO MANNARELLI
Print Name

Pres.
Title/Company

9/20/00
Date

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

- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE/APPROVAL
Land Development, DPZ	9/20/00	
State Highways		
Building Official	9/20/00	
Dev. Engineering, DPZ		
Health	9/20/00	Mark Rifkin
Fire Protection		

Is Sediment Control approval required prior to issuance?
YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐
ONE STOP SHOP: ☐

DPZ SETBACK INFORMATION
Front: 50 Ft
Rear: 30 Ft
Side: 10 Ft
Side St.: 30 Ft
All minimum setbacks met?
YES ☐ NO ☐
Is Entrance Permit required?
YES ☐ NO ☐
Historic District?
YES ☐ NO ☐
Lot Coverage for NewTown Zone _____
SDP/Red-line approval date _____ Accepted by _____

PROPERTY ID#: 4184

Filing fee	$
Permit fee	$ 50
Excise tax	$
Sub-total paid	$
Add'l permit fee	$
TOTAL FEES	$ 50
Balance due	$
Check	# 7415
Validation	# 34777

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

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Rev. 10/15/98

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1870
AUTOMATED INFORMATION (410) 313-3900

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B00123639

Building Address 3601 WILLOW BIRCH DR
GLENWOOD, MD 21738

Suite/Apt. #: N/A SDP/WP/Petition #: N/A

Census Tract 6044.10 Subdivision MONTGOMERY VILLAGE

Section N/A Area N/A Lot 1C

Tax Map 21 Parcel 225 Grid 5

Zoning RC-DEO Map Coordinates Lot size

Property Owner's Name MANNA RELT + SAT COST
Address 2929 SUNTAN CIRCLE
City ELLICOTT CITY State MD Zip Code 21043
Home Phone 461-2228 Work Phone 461-2225
Applicant's Name & Mailing Address, (if other than stated hereon):

Phone Fax

Existing Use
Proposed Use Install tank
Estimated Construction Cost $ 800.00
Description of Work Install 1-1000 GALLON UNDERGROUND PROPANE TANK

Contractor Company MADISON MECHANICAL INC
Contact Person CHRIS KOLB
Address 12301 OLD COLUMBIA PIKE
City SILVER SPRING State MD Zip Code 20904
License No. 15627
Phone 301-684-4280 Fax 301-680-4224

Occupant or Tenant
Contact Name
Address N/A
City State Zip Code
Phone Fax

Engineer or Architect Company
Contact Person
Address N/A
City State Zip Code
Phone Fax

BUILDING DESCRIPTION - COMMERCIAL

Building Characteristics

Height:

No. of stories:

Gross area, sq. ft. per floor:

Use group:

Construction type:
____ Reinforced Concrete
____ Structural Steel
____ Masonry
____ Wood Frame

____ State Certified Modular

Utilities

Water Supply:
____ Public
____ Private

Sewage Disposal:
____ Public
____ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
____ Full
____ Partial
____ Other Suppression
____ # of Heads

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics

SF Dwelling ☐ SF Townhouse ☐

	Depth	Width
1st floor:		
2nd floor:		
Basement:		

Finished Basement ☐ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms

Multi-family dwellings:
No. of efficiency units:
No. of 1 BR units:
No. of 2 BR units:
No. of 3 BR units:

Other Structure:
Dimensions:
Footings:
Roof:

____ State Certified Modular
____ Manufactured Home

Utilities

Water Supply:
____ Public
____ Private

Sewage Disposal:
____ Public
____ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☒

Sprinkler system: N/A ☐
____ NFPA #13D
____ NFPA #13R
____ Other:

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.

Applicant's Signature

MADISON MECHANICAL INC
Title/Company

CHRIS KOLB
Print Name

4-17-00
Date

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

- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health	5/5/00	Mark E. Effler
Fire Protection		

Is Sediment Control approval required prior to issuance?
YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: 12:8 HW 61
ONE STOP SHOP: ☐

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met?
YES ☐ NO ☐
Is Entrance Permit required?
YES ☐ NO ☐
Historic District?
YES ☐ NO ☐
Lot Coverage for NewTown Zone
SDP/Red-line approval date

PROPERTY ID#: 11564

Filing fee	$ 40
Permit fee	$
Excise tax	$
Sub-total paid	$
Add'l permit fee	$
TOTAL FEES	$
Balance due	$
Check	# 6161
Validation	#

Accepted by

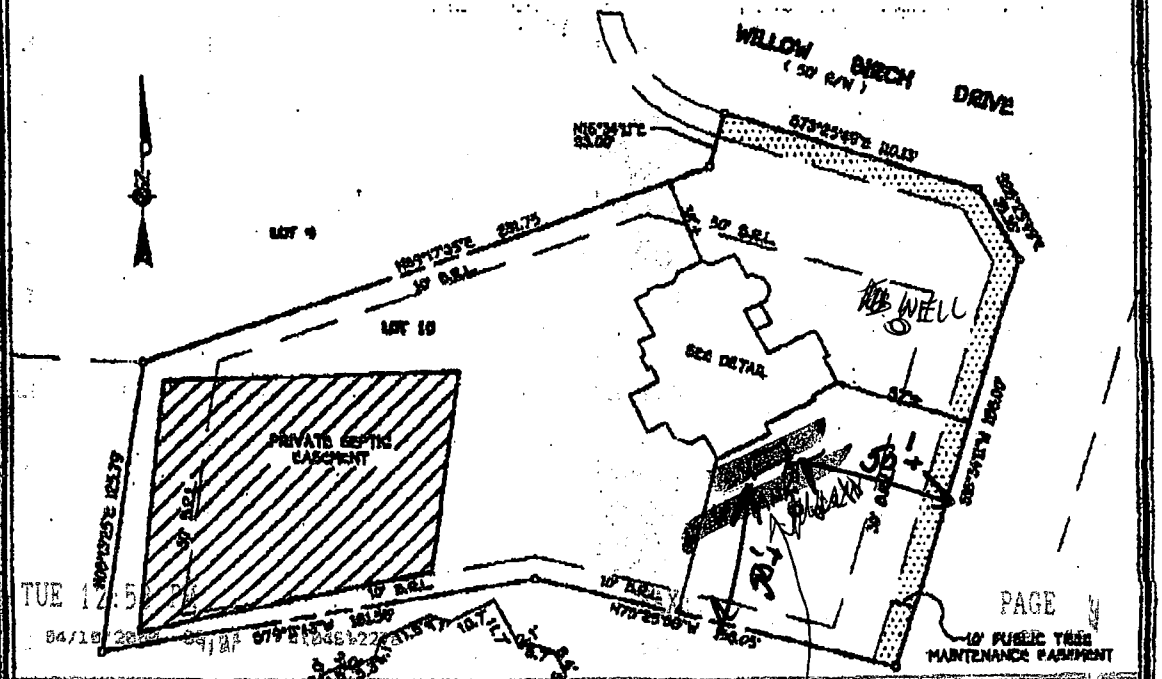
Distribution of Copies- White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

s:\permit.fm

Rev. 10/15/98

GENERAL NOTES:

1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INSOFAR AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044 0020 D EFFECTIVE DATE: DEC. 4, 1980
3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).



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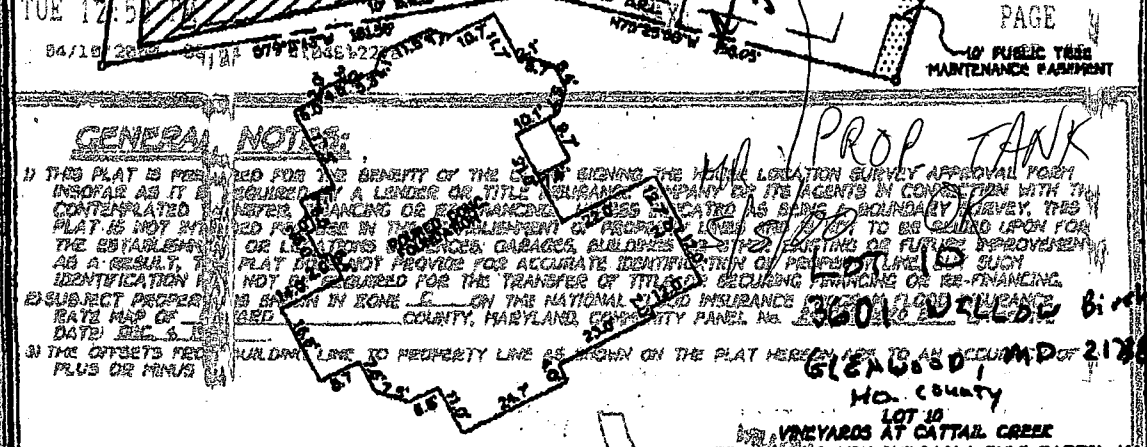
2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044 0020 D EFFECTIVE DATE: DEC. 4, 1980
3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 2'
PLUS OR MINUS (±).



TOP OF FOUNDATION ELEV. 514.0'
B.R.L.=BUILDING RESTRICTION LINE

LOT 10
VINEYARDS AT CATTAIL CREEK
LOTS 4 THRU 10, NON-BUILDABLE BULK PARCEL 'A'
AND BUILDABLE PRESERVATION PARCEL 'B'
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT #'S 19443

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461-2855

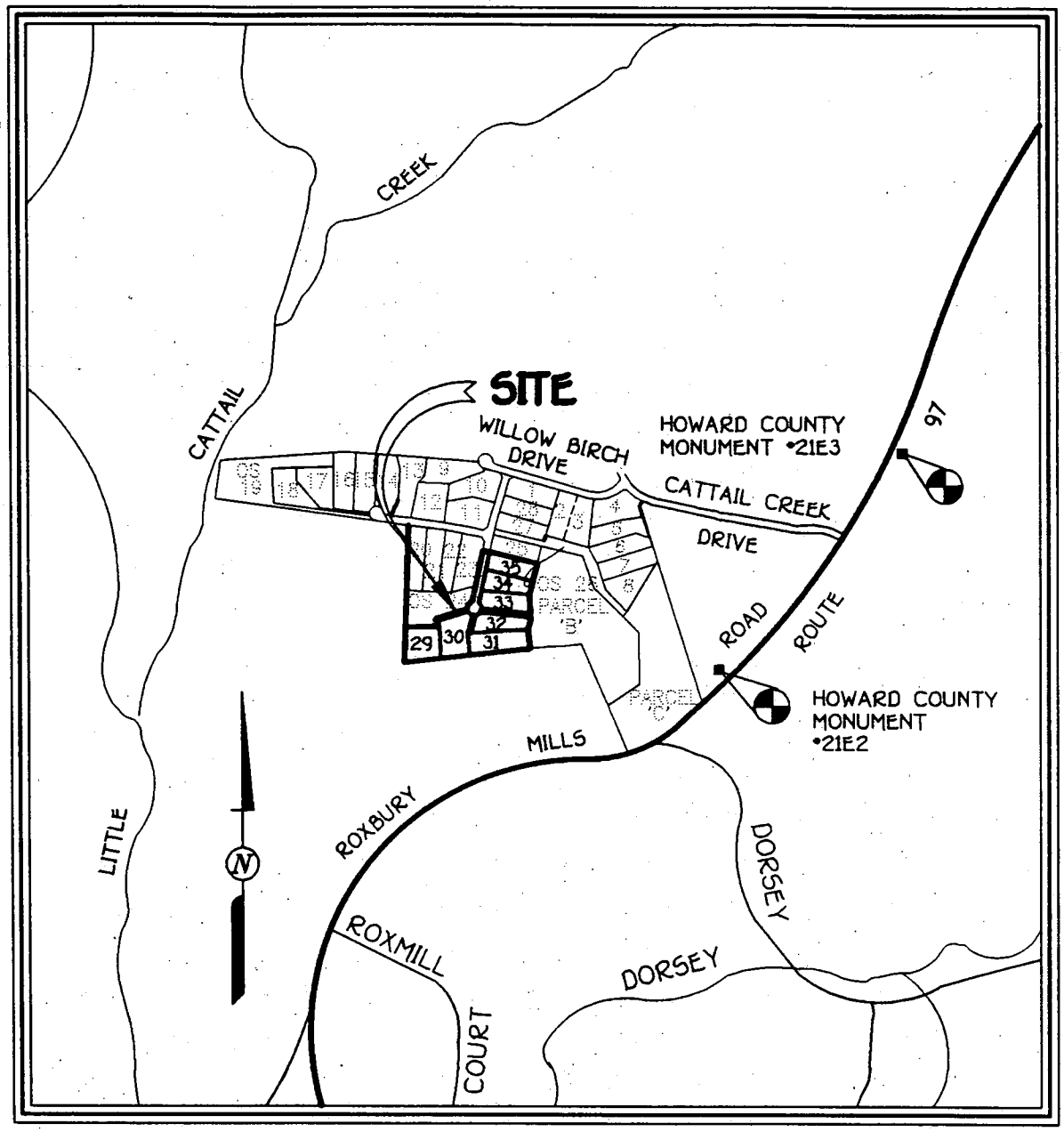
STATE OF MARYLAND
CHARLES F. CROVO, JR.
No. 10708
REGISTERED
PROFESSIONAL LAND SURVEYOR

PROFESSIONAL LAND SURVEYOR 4/10/00 DATE
REG. # 10708

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 8/22/99
FINAL LOCATION:
BOUNDARY SURVEY:

SCALE: 1"=30'
DATE: 8/30/99
DRAWN BY: LEE
CHECKED BY: C.C.
PROJECT No. 99020



VICINITY MAP

SCALE: 1" = 1200'

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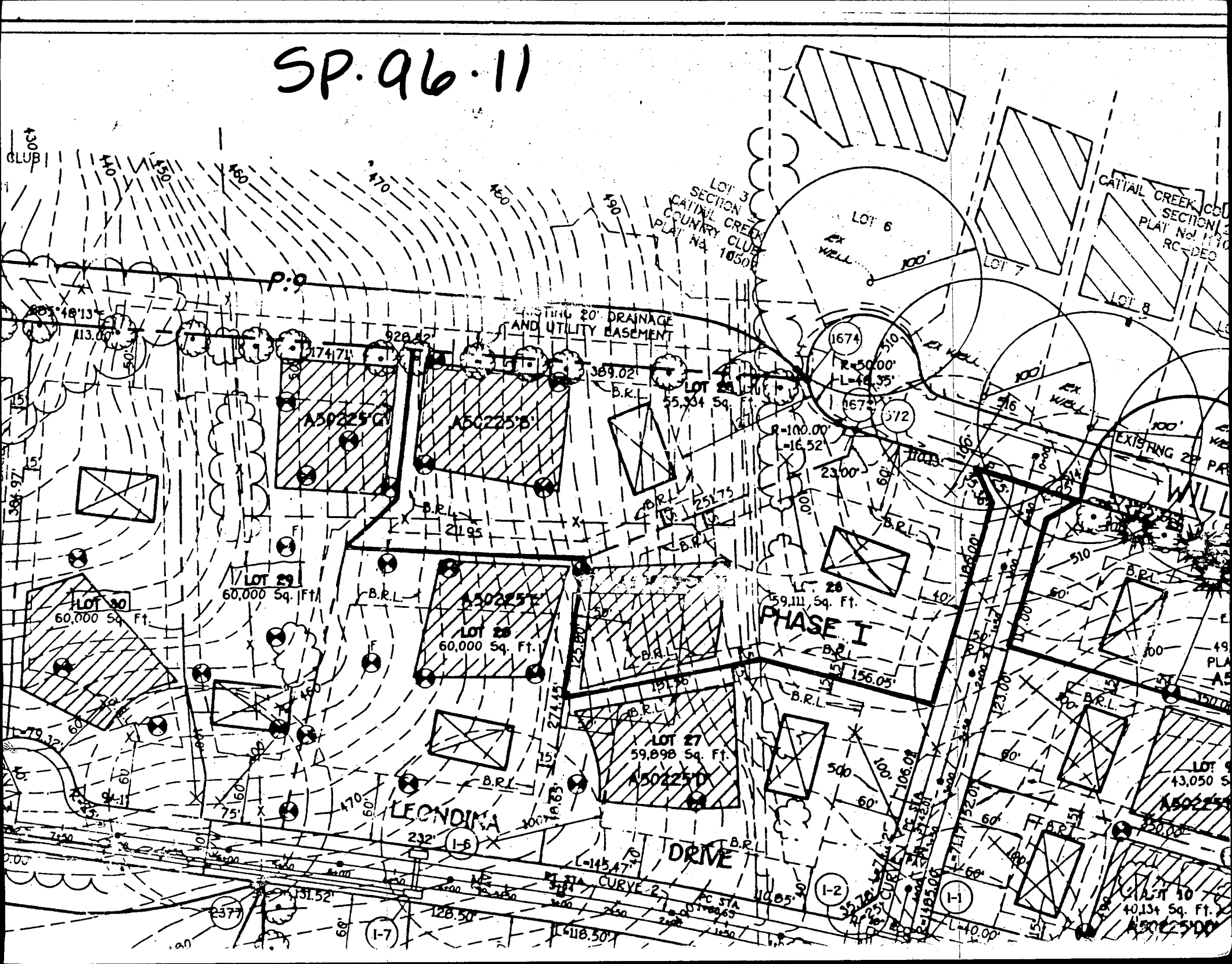
CLUB
LOT 3 SECTION 2 CATTAIL CREEK COUNTRY CLUB PLAT No. 1050
LOT 6
LOT 7
LOT 8
CATTAIL CREEK SECTION 1 PLAT No. 1070 RECORDED
EX WELL
100'
P.O.B.
EXISTING 20' DRAINAGE AND UTILITY EASEMENT
S89°48'13"E
113.00'
174.71'
928.42'
389.02'
B.R.L.
LOT 28
55,934 Sq. Ft.
A50225'C'
A50225'B'
A50225'A'
1674
R=50.00'
L=46.35'
1673
372
R=100.00'
L=16.52'
23.00'
EXISTING 20' PA
WILL
LOT 29
60,000 Sq. Ft.
LOT 30
60,000 Sq. Ft.
LOT 26
59,111 Sq. Ft.
PHASE I
LOT 27
59,898 Sq. Ft.
156.05'
151.56'
274.45'
LEONDRA
DRIVE
232'
1-6
1-7
1-2
1-1
2377
L=145.47'
CURVE 2
PC STA
PT STA
128.50'
131.52'
110.85'
L=118.50'
L=40.00'
LOT 10
40,134 Sq. Ft.
A50225'D'
A50225'E'
A50225'F'