

1 PM
6/22/93

05-414199

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49318
A 37813

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9133~~ 313-2640

DATE 6/07/93

DATE SYSTEM APPROVED 6/22/93

INSPECTOR M. Riskin

INDEXED

Arnold's Backhoe & Septic Services IS PERMITTED TO INSTALL X ALTER _____

ADDRESS Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Clearview Estates II LOT 51 ROAD 12028 Misty Rise Court

PROPERTY OWNER Scott Development Corp. ELLEN CHRENCIK

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS **BLDG. PERMIT SIGNED**

NUMBER OF BEDROOMS 4 **AND RETURNED 9-8-98**

240 SQUARE FEET PER BEDROOM *Serial # 113990 deck*

LINEAR FEET OF TRENCH REQUIRED 320 **AND RETURNED 7-3-96**

Add-on porch
BLDG. PERMIT SIGNED
AND RETURNED 7-3-96
300100924

TRENCHES - Trench to be 3 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 4½ feet below original grade. Effective area begins at 2½ feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 140 feet from rear (340') lot line and 110 feet from right rear (176.59') lot line as viewed from Misty Rise Court. Install trenches on contour toward right lot line (176.59'). NOTE: Try to keep septic system at least 150 feet from well on Lot #58 and Lot #59.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 6/9/93 RJA*

PLANS APPROVED BY Ronald J. Pinkley/C. Williams DATE 8/26/92

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 **BLDG. PERMIT SIGNED**

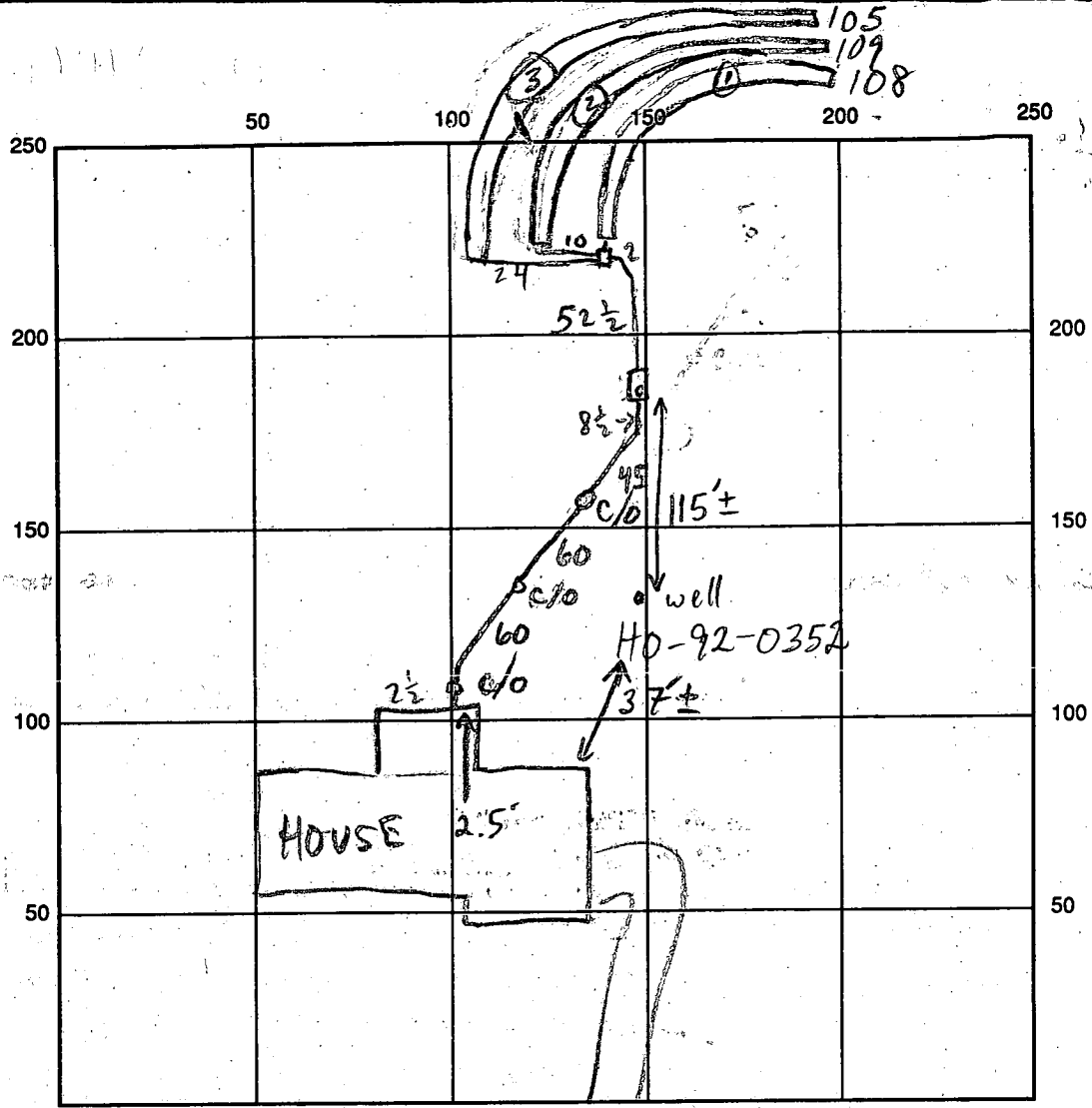
PERMIT VOID AFTER TWO YEARS

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. *Interior Alterations Basement*

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 37813



MISTY RISE CT INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS S.T. - OK, 3 INLINE - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 4 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ①108 ②109 ③105 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA ①324 ②327 ③315 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 966 SQ. FT.

REMARKS: 6/22/93 OK TO COVER ALL MR

DATE SYSTEM APPROVED 6/22/93 INSPECTOR M. Ripkin

APPLICATION

37813

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE _____

*3/17/87
separate or id pending
approved plan*

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 Crystal Hill Investments Scott Development Corp

ADDRESS 10005 Old Columbia Rd. Suite L265 PHONE 730-2411 410/410-2188

PROPERTY LOCATION: Columbia, Md. 21046 formerly lot 48
Spec under 4th permit

SUBDIVISION Clearview Estates Sec 2 LOT NO. 37

ROAD AND DESCRIPTION Rt. 108 and Shepherd Lane New Lot - 3/16 48
(12028 Misty Rise Court) (51)

SIZE OF LOT 3.4 ac. TYPE BLDG. Residential
(NUMBER OF BEDROOMS)

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.

Steven M. Mung
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

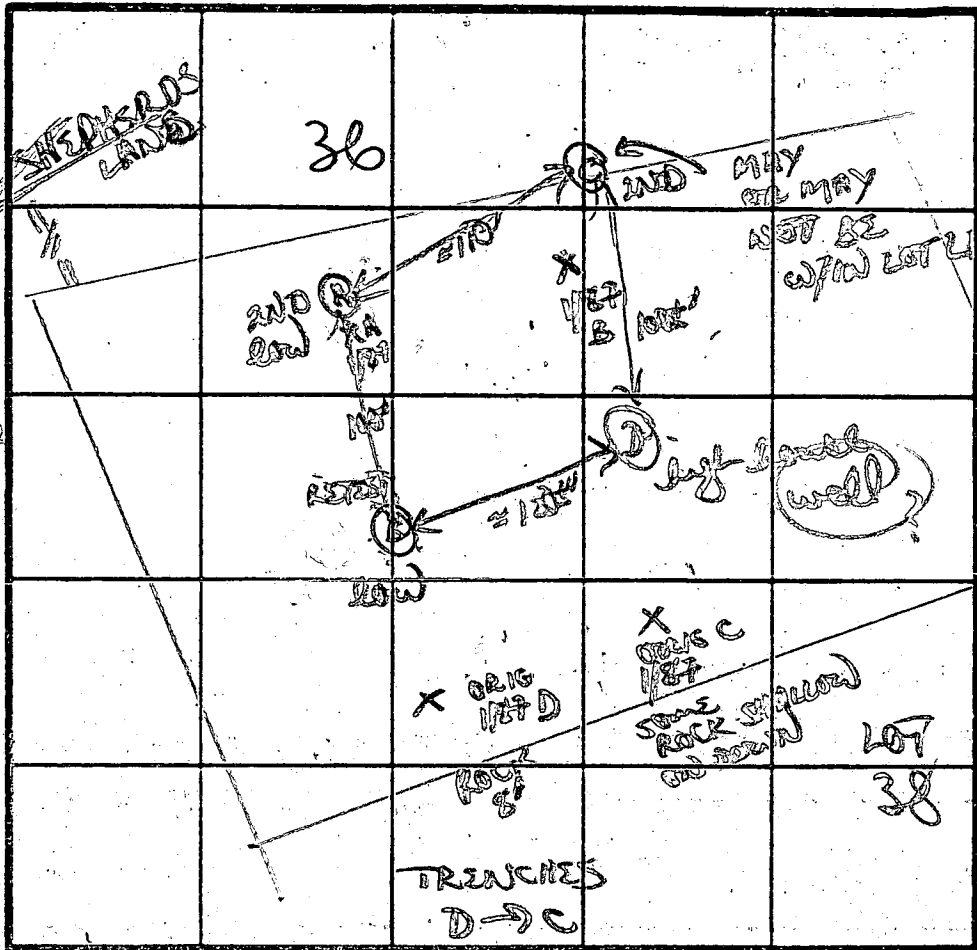
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING see field created holes + sub: plot

BLDG. PERMIT SIGNED
AND RETURNED 5/21/93
Serial # 48577
SFD - 4 Bedrooms

THIS IS NOT A PERMIT

A 37813



200 #/BDW
INVT 3'
MAX 5'
X 18 MM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/1/87	RETEST B	3'5" 4'5"	252 331	323 338	338 338	353 353	15 MIN	
		7' M	253	254	254	255	1 MIN	
		12' D	both (see profile)					
	RETEST D	4'5"	327	323	323	349	26 MIN	
		11' D	both (see profile)					
	RETEST C	VISUAL ONLY	GOOD SOIL		3'2"			
		11' D	both (see profile)					
	RETEST A	4'5"	333	350	350	420	30 MIN	
		11' D	hard both					
		(SHALLOW SYSTEM 4-6k')						

REMARKS

change new perc area due to low lying & rock

TYPE OF SOIL

orange/red clays & gravel 4-5'; silty loams w/ rock frags in soil

TESTED BY

B. A. Dixon

ALSO PRESENT

Jane, Chris Neil

RETEST D
SOIL PROFILE

Chalky gravel
4"
to mostly silty orange
tan/grey
loam
w/ fine
small
scattered
shale frags
Hard 11"

RETEST C

orange/red
clay/loam
silt
3"
to mostly
orange/yellow
silty
loam
10. small frags
Hard 11"

RETEST A

orange/red
clay
3"
w/ gravelly
frags
5"
mostly orange
silty
loam
grey silty frags
Hard 11"

ROAD 2

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37813

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 10/09/86
~~10/30/86~~

*10/16/86
failed perc test*

*THESE
PERC NOTES DO NOT APPEAR
TO BE SAME ONES SHOWN ON
OTHER PERC SHEET AS
"ORIG" HOLES*

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 Conrad J. and Patricia Langenfelder
11904 Clarksville Road
ADDRESS Clarksville, Maryland 21029

Martha V. Langenfelder
5511 Hamilton Avenue
PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm LOT NO. AT 3748

ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane

SIZE OF LOT 3.5 AC. TYPE BLDG. Residential
(NUMBER OF BEDROOMS)

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.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING NO perc area (suitable) available as lot is presently shaped heavily mottled soils; H₂O

THIS IS NOT A PERMIT

B 1 05418

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER 10-92-0352

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

OWNER INFORMATION: Date Received (APA) 04/3/93, SCOTT DEVELOPMENT, 9160 RED BRANCH RD, COLUMBIA MD 21045

LOCATION OF WELL: HOWARD COUNTY, CLEARVIEW FST, SECTION 44, LOT 51, CLARKSVILLE, 5 MILES FROM TOWN

DRILLER INFORMATION: George F. Easterday, L. Franklin Easterday, Inc., 9265 Brown Church Rd., MT. Airy, Md. 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD (MISTY RISE CT), ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST, DISTANCE FROM ROAD 50 FT

WELL INFORMATION: APPROX. PUMPING RATE (GAL. PER MIN.) 5, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: COUNTY NAME Howard, COUNTY NO. A97E13, DATE ISSUED 04/27/93, CO SIGNATURE [Signature], EXP. DATE 4-27-94

USE FOR WATER (CIRCLE APPROPRIATE BOX) D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

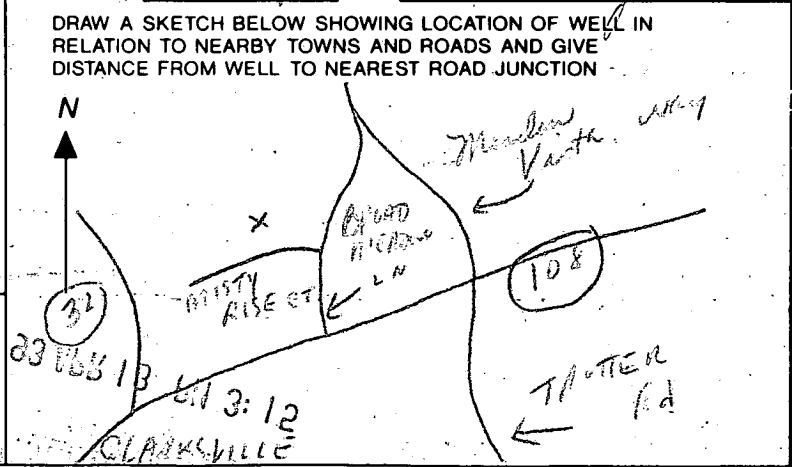
APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTARY, JETTED, ROTARY (Hydraulic Rotary), DRIVE-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X: SOURCES OF DRILLING WATER 1. Well #1, 23' Well casing, 18' Open, 23' casing above ground c. bed

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL.



Not to be filled in by driller (OEP USE ONLY): APPROP. PERMIT NUMBER GAP, FORCE [RP] PERMIT No. 10-92-0352

SPECIAL CONDITIONS

COUNTY

C1 7846

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.

COUNTY NUMBER

A32813

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 050493

Depth of Well grid: 280

PERMIT NO. grid: 10-92-C352

OWNER Scott Development last name: M... first name: ... TOWN: Ploverville SUBDIVISION: Clear View Estates SECTION: ... LOT: 51

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Topsoil 0-1, Br. Sandstone 1-6, Tan Sandstone 6-15, Granite 15-68, Tan Sandstone 68-74, Granite 74-280.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle appropriate box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 8 NO. OF POUNDS 300 GALLONS OF WATER 46 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 18 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 23

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

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

DEPTH (nearest ft.) grid: 21, 280. SLOT SIZE 1 2 3 DIAMETER OF SCREEN grid: ... (NEAREST INCH) from to

CIRCLE APPROPRIATE LETTER 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...

DRILLERS IDENT. NO. ... DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

C3 PUMPING TEST HOURS PUMPED (nearest hour) 9 PUMPING RATE (gal. per min. to nearest gal.) 7 METHOD USED TO MEASURE PUMPING RATE ... WATER LEVEL (distance from land surface) BEFORE PUMPING 7 WHEN PUMPING 244 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) 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)

8-19-93
 any time
 No written into
 schedule book
 open until 12 noon 8-20-93

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 X
 Replacement

Receipt # -0-
 Date 6/4/93

Name of Installer Klipp & Sons, Inc. Telephone 301-662-1914

License Number 634
 Certified Well Pump Installer Well Driller Registered Plumber X

Name of Property Owner Scott Homes Telephone 740-2688
 Subdivision Clearview Lot # 51 Well Tag # HO - 92 - 0352
 Site Address 12028 Misty Ride Court

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower <u> 1 </u>	1. Make <u> Martinson </u>
a. Deep well jet <u> </u>	2. RPM <u> 3450 </u>	2. Model # <u> 50 </u>
b. Shallow well jet <u> </u>	3. Voltage <u> </u>	3. Depth <u> 4Ft. </u>
c. Submersible <u> X </u>	a. 110 <u> </u>	
2. Make <u> Red Jacket </u>	b. 220 <u> X </u>	
3. Model # <u> </u>		
4. Capacity <u> 220 </u> GPM		
5. Pump exceeds well capacity Yes <u> </u> No <u> X </u>		
6. If Yes, is low pressure cutoff switch installed? Yes <u> </u> No <u> </u>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <u> X </u> Cable guards <u> </u> Other <u> </u>		

Tank	Piping	Well data
1. Capacity <u> </u>	1. Type <u> 160 Lbs. </u>	1. Depth <u> 280 </u> ft.
2. Pressure relief valve? <u> X </u>	2. Size <u> 1" </u>	2. Yield <u> 220 </u> GPM
	3. NSF and/or BOCA Code approved <u> X </u>	3. Static water level <u> 25 </u> ft.
	4. Depth of supply line <u> 480 </u>	4. Will water supply be disinfected by installer? <u> no </u>

P.A. OK 4' B.G.
 MR 8/20/93

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: Timothy S. Lloyd

Date: 6-1-93

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

N 06° 14' 43" E

340.00'

LOT 51
3.127 Ac.

60' BRL

PROPOSED WOOD DECK
566 #
FF ELEV. 466.00

SEPIC AREA

N 79° 04' 38" W

30' BRL

120'

314'

1250 Gal. Septic Tank
Ex. Grd 454.5

DISTRIBUTION BOX
EX. Grd = 454.5
Inv. = 451.5

Inv 451.5
Inv 452.2
Inv 452.5

Clean Out

Clean Out

WELL ACTUALLY HERE

EXIST WELL 30' R 51'

DOOR WAY

CHRENCIK RES.
FF 408.68
FR 468.01
B 457.50

GAR

2R

654

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BRANTLEY DESIGN / BUILD INC.
8609 KRATZ LANE
BALTIMORE, MD. 21244
410-521-5350

SITE PLAN

1" = 50' 6 SEPT. 98

9/8/98
Shown deck location will have no impact to the existing well/septic Actual

PROPOSED WOOD DECK

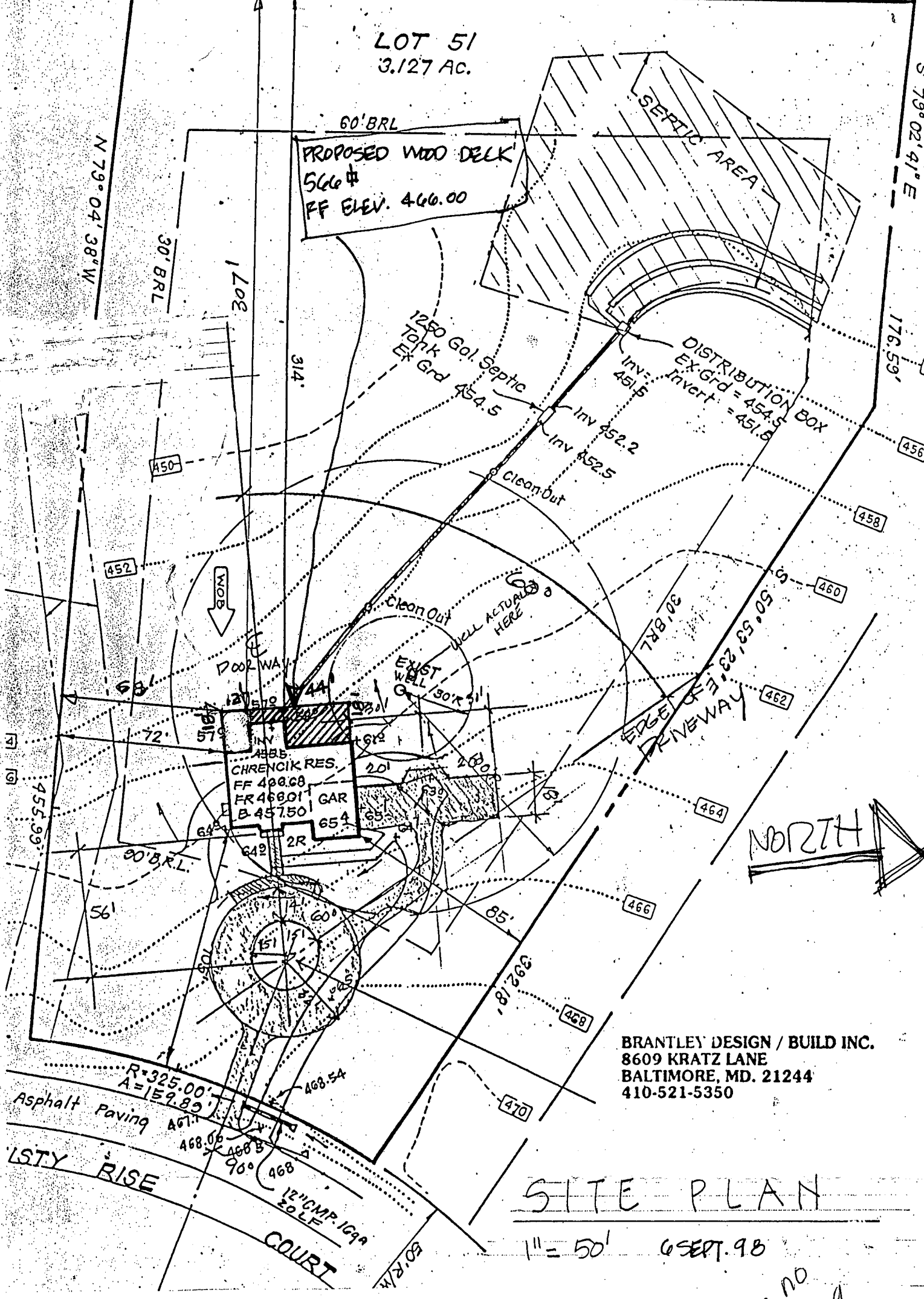
Bob & Ellen Chrencik
12028 Misty Rise Court
Clarksville, Md. 21029

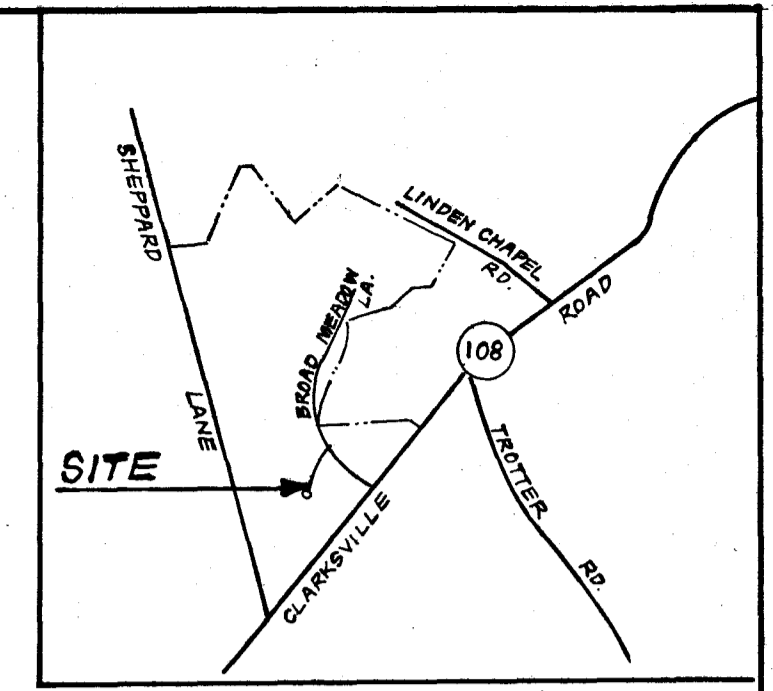
Election District 5
Lot 51 Parcel 356 Block 19 Zone RC
Census tract 6051.01

Asphalt Paving

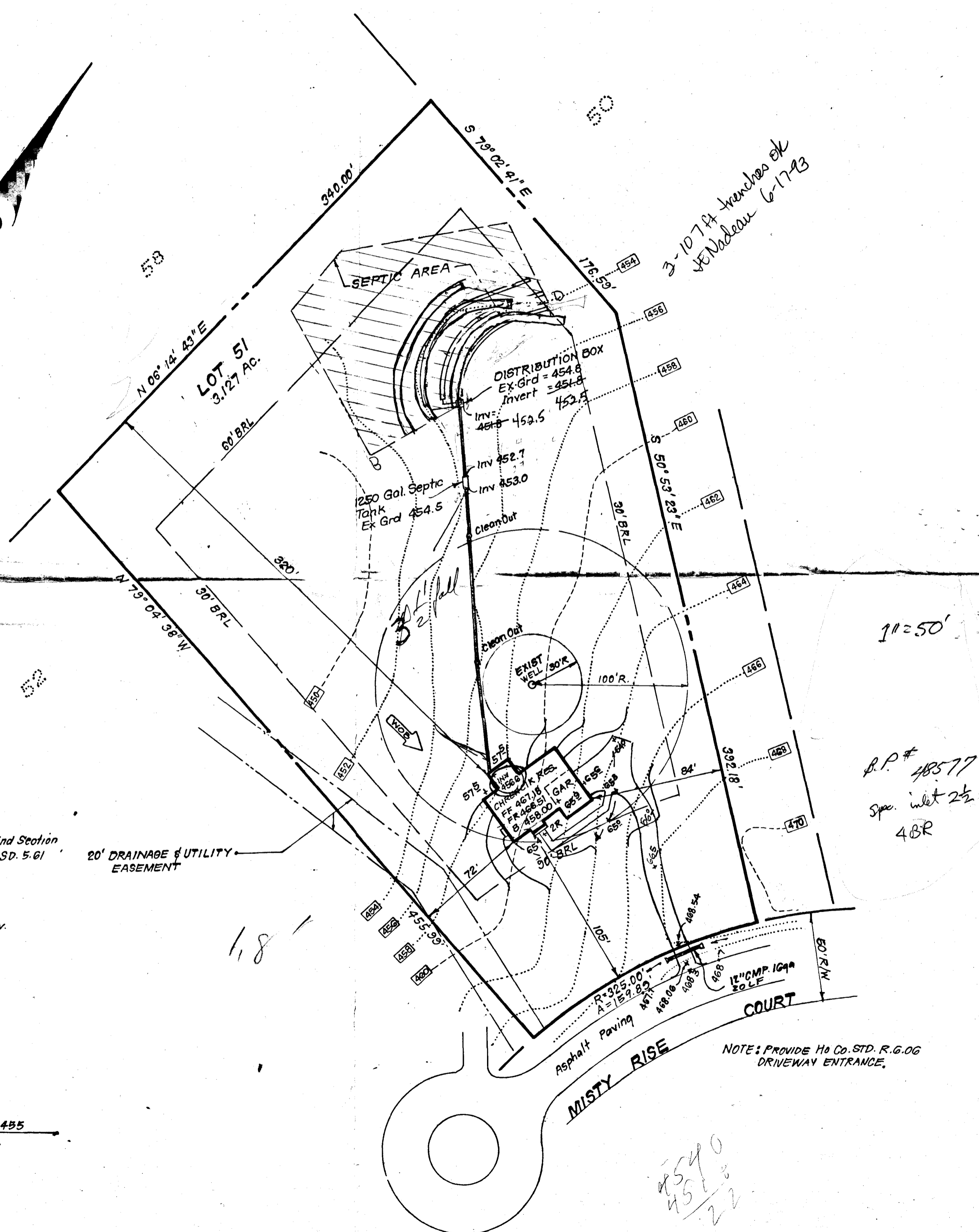
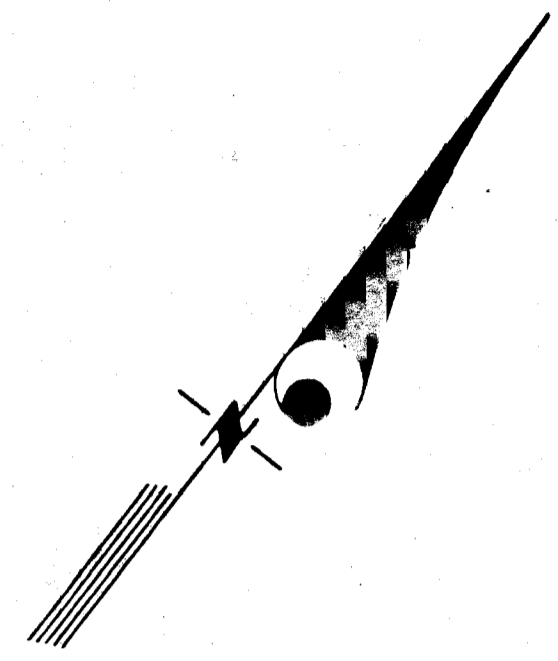
125' RISE

COURT





VICINITY MAP
SCALE: 1"=2000'



2-1074 trenches ok
Nadeau 6-17-93

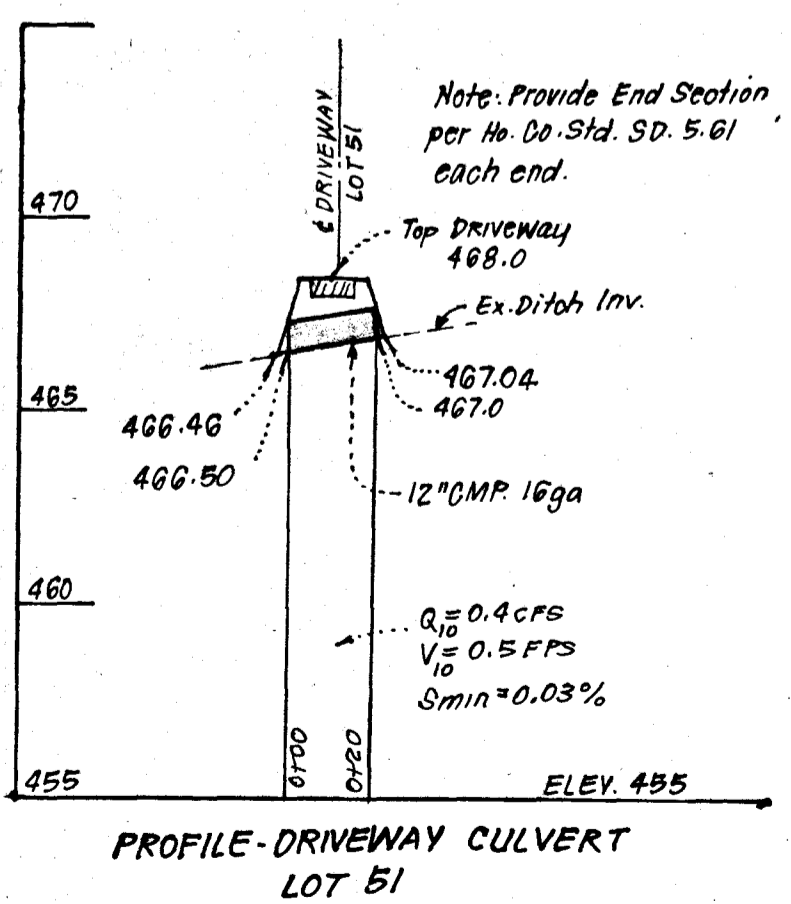
1"=50'
R.P.# 48577
Spec. inlet 2 1/2"
4BR

GENERAL NOTES

1. Reference: Plot Number 9713.
2. Subject Property is zoned: R.
3. Topography field run by Clark Finerock & Sackett-5-93
4. Length of trench to be determined at time of permit issuance.

LEGEND


Contour Interval	2 Ft.
Existing Contour	--- 380 ---
Proposed Contour	— 380 —
Spot Elevation	+ 78 ±
Walkout Basement	WOB



PROFILE-DRIVEWAY CULVERT
LOT 51

SCALES: HORIZ. 1"=50'
VERT. 1"=5'

4 Bedrooms

 CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7185 MINSTREL WAY • COLUMBIA MD 21045 • (410) 381-7500 - BALTO • (301) 821-8100 - WASH		
DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOT 51	SCALE 1"=50'
DRAWN C.M./J.M.E.	CLEARVIEW ESTATES SECTION TWO	DRAWING 1 OF 1
CHECKED J.M.E.	TAX MAPS 29 & 35 PARCELS 39 & 40 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 92-078
DATE 5-3-93	FOR: SCOTT DEVELOPMENT 3160, Red Branch Road Columbia, Md 21045	FILE NO. 92-078-X

NOTE: PROVIDE HO Co. STD. R.G.OG
DRIVEWAY ENTRANCE.

4540
4510
22