

2/12/99
11:30
2/12/99
21199
110000

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-318846

P 511380

A REPAIR

DISTRICT 4th

DATE 2/1/99

DATE SYSTEM APPROVED M. Rifkin

INSPECTOR 2/10/99

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

INDEXED

Barnard Brothers Construction IS PERMITTED TO INSTALL ALTER

ADDRESS 1612 Brittle Branch Way, Woodbine, Maryland 21797 PHONE 410-489-7621

SUBDIVISION Lower Trail LOT 14 ROAD 16228 Frederick Road

PROPERTY OWNER Avolio

ADDRESS

SEPTIC TANK CAPACITY GALLONS

NUMBER OF BEDROOMS

SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED

NO. PERMIT SIGNS

AND RETURNED 3-12-99.

Serial # B10 115522
dick

REPAIR - PURPOSE - IN SUPPORT OF BUILDING PERMIT B00115522 FOR AN ADDITION. ALSO, REPAIR TO EXISTING SYSTEM:

- Install 2-80 ft. trenches off existing drywell. Invert 4.5 feet - bottom 9.5 feet.

NEW SYSTEM TO SERVE ADDITION:

- Install 1500 gallon septic tank and 120 linear feet of trench. Invert 4.5 feet - Bottom 9.5 feet. LOCATION: - To start 30 feet uphill from lower edge of approved septic area.

PLANS APPROVED BY Mark Rifkin DATE 01-29-99

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

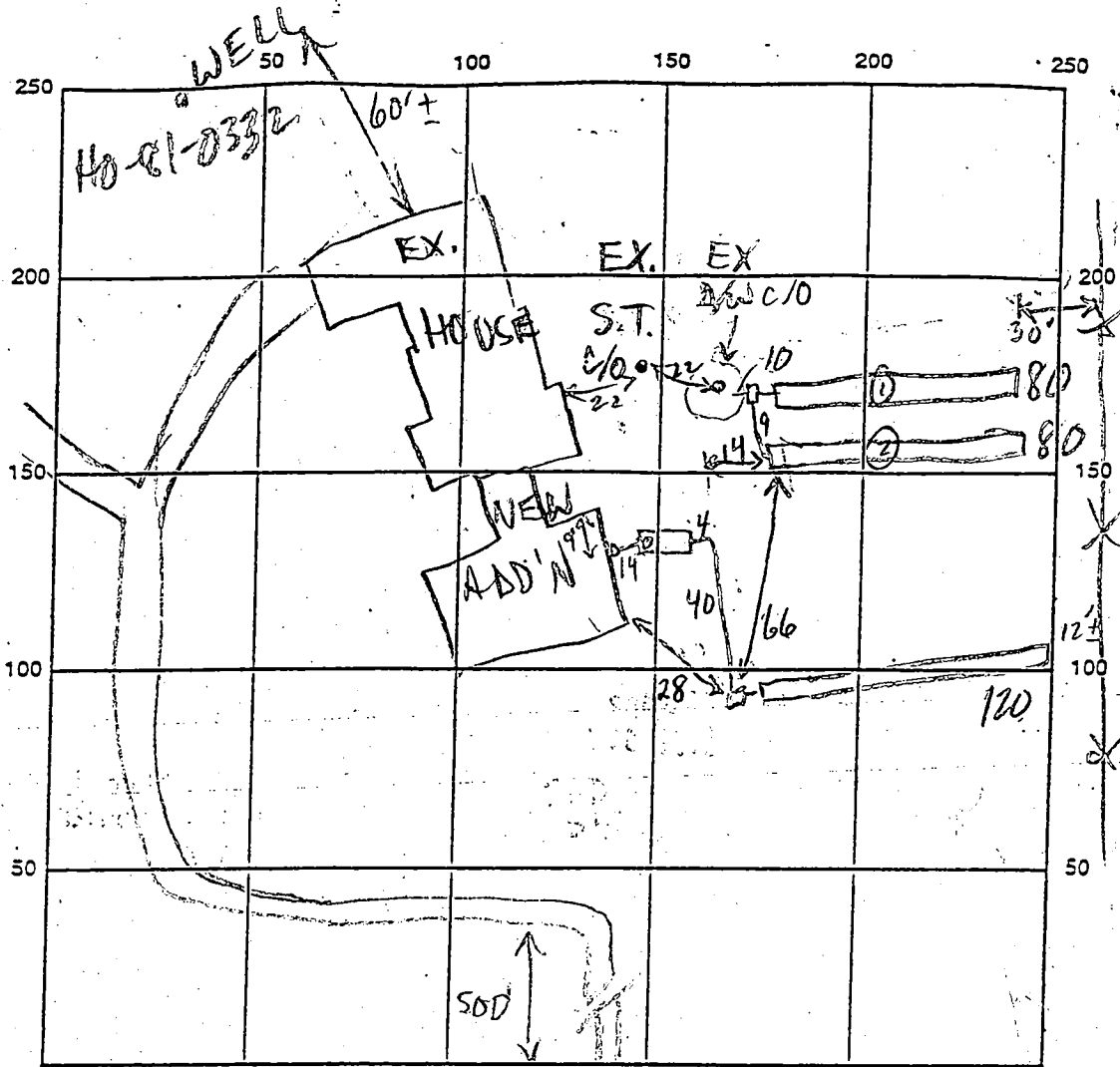
PERMIT VOID AFTER TWO YEARS

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

511380



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE FREDERICK RD

EX. SYS: 1000 GAL EXISTING

SEPTIC TANK LEVEL 2ND SYS - 1500 TOP SEAM CLEANOUTS EX. - OK; 2ND - OK

DISTRIBUTION BOX LEVEL OK BAFFLE @ EACH BOX

2ND SYS - 9.5 FT. TRENCH WIDTH 2 FT. 2ND SYS - 4.5 FT. INLET DEPTH 4.5 FT.

2ND SYS - 5 FT. EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH (1) 80 (2) 80 FT. 2ND SYS - 120

NUMBER OF TRENCHES TOTAL 3 ONE SIDEWALL/BOTTOM AREA (1) 400 (2) 400 SQ. FT. 2ND SYS 600

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

TOTAL ABSORBENT AREA 1400 SQ. FT.

REMARKS: 2/11/99 REPAIR TO EX. SYS: TRENCH (1) OK, OK TO CONTINUE (MR)

2/12/99 OK TO COVER ALL - (MR)

DATE SYSTEM APPROVED 2/12/99 INSPECTOR M. Rifkin

6/25/84
9:30 P.M.

approved
4/25/84
C. Williams

PERMIT

P 33831
A 24644

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEX

ELLICOTT CITY
DISTRICT 4th
DATE 4/27/84

Paul Schissler - South Carroll Backhoe Service IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Md. 21157 PHONE 88 875-4197

SUBDIVISION Lower Trail ROAD 16228 Frederick Road LOT 14

PROPERTY OWNER Lisa Avolio

ADDRESS 8495 Murphy Road, Laurel, Maryland 20707

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

DRY WELL - 120 sq. ft. sidewall area per bedroom. Dry well inlet maximum to be 4 ft. below original grade and dry well bottom to be 12 feet below original grade. Place the dry well 110 feet from the back lot line and 130 feet from the right lot line as seen when facing the lot from Route 144. NOTE: The back lot line is the 322 ft. long lot line.

BLDG. PERMIT SIGNED
AND RETURNED 1-4-99
Serial # 610 1155-22
1-Story addition

BLDG. PERMIT SIGNED
AND RETURNED 1/25/99
Serial # 57969 - garage

PLANS APPROVED BY Raymond Hodges DATE 4/2/80

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS

PERMIT VOID AFTER THREE YEARS.

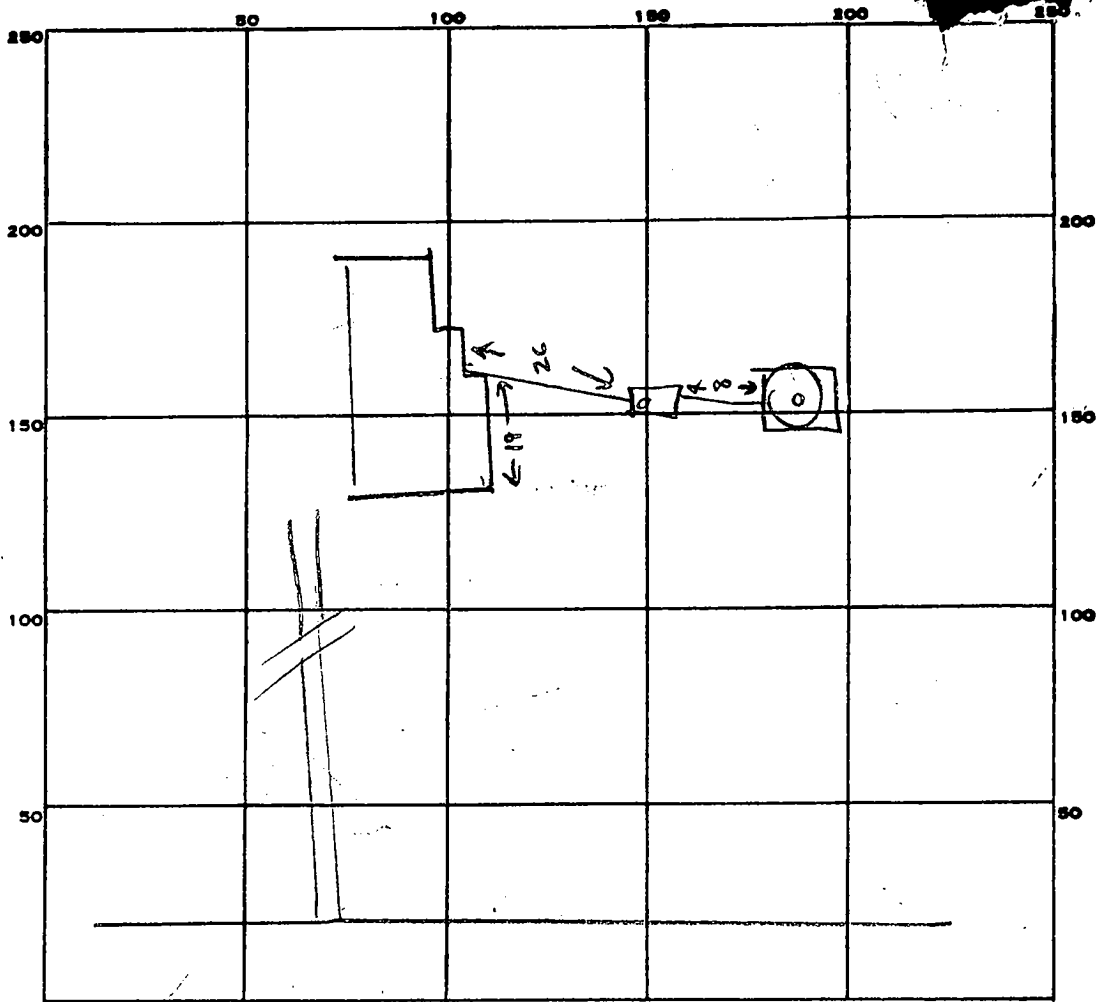
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA. OR PVC OR ABS ACCEPTED IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 24644



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 60 (15" + 15") FT. DEPTH BELOW INLET 12 FT DEEP - 1 FT STONE FT.

ABSORBENT AREA 480 SQ. FT.

REMARKS OK TO ADD STONE TO DAYAGE: 6/25/87

SYSTEM OK TO COVER 6/25/87

DATE SYSTEM APPROVED 6/25/87

INSPECTOR C. Willson

APPLICATION

A 24644

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4th

DATE 11/10/76

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 Howard Associates Frederick & Lisa Avolio

ADDRESS Old Frederick Road 16228 Rte. 144 PHONE Joel Abramson 730-7733

PROPERTY LOCATION

SUBDIVISION Lower Trail LOT NO. ~~8A~~ 14
16228

ROAD AND DESCRIPTION Old Frederick Road

SIZE OF LOT ~~1.258 Acres~~ 5 acres m/l TYPE BLDG. 3 OF 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Joel Abramson

BLDG. PERMIT SIGNED
AND RETURNED 3/2/87
FILED # 57665

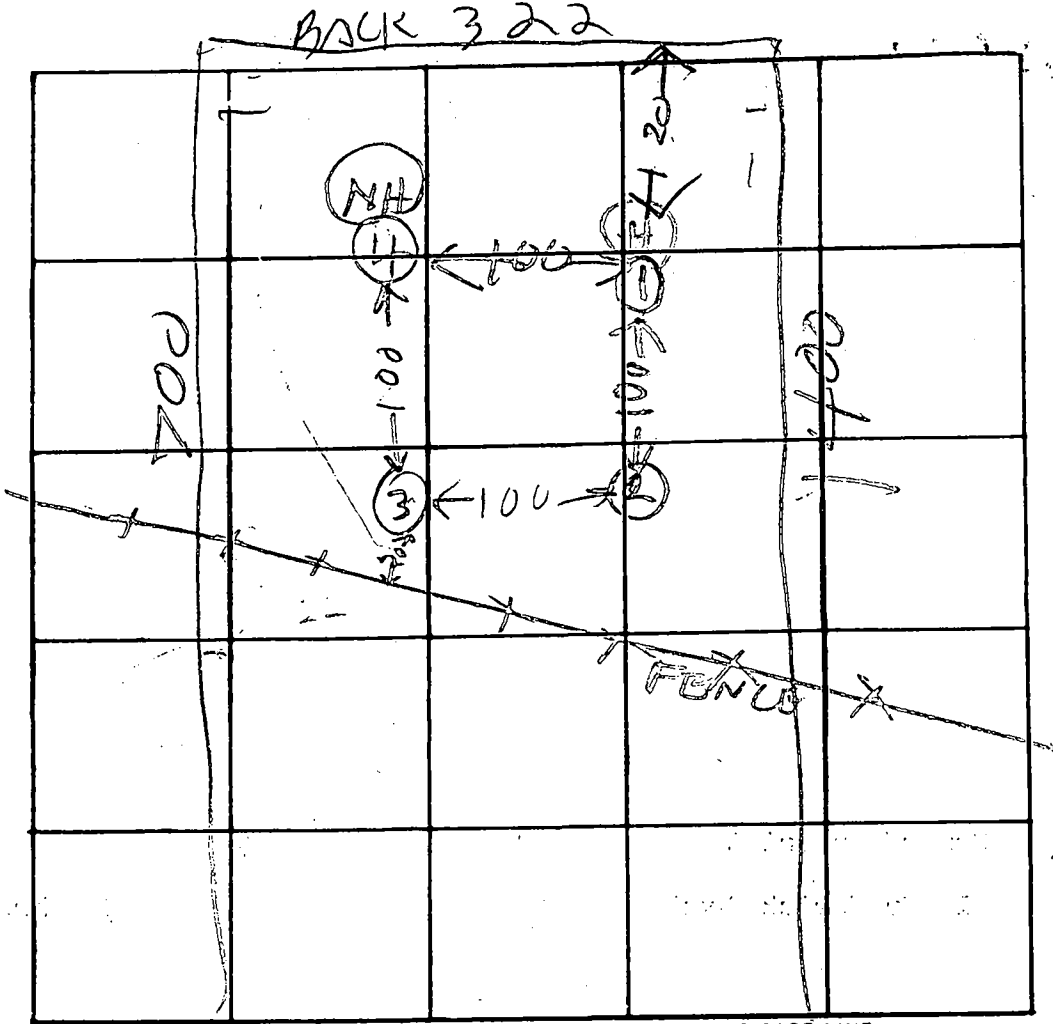
APPROVED BY _____ FOR _____ DATE 4/2/81
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/14/23	1S	4	415	417	417	425	8
12/14/23	1D	12	415	425	425	434	9
	2S	5	419	425	425	437	12
	2D	14	419	425	425	437	12
	3S	6	421	424	424	427	3
	3D	13	422	424	424	436	12
	4V	12	TOP 4 1/2 FT		CLAY		
			BOT 7 1/2 FT		SANDY SHALES		

17
24
15
56
X = 10
210

REMARKS Center Hoop Holes Shifted from Test

TYPE OF SOIL Plant Pattern

TESTED BY R HODGES ALSO PRESENT: DENNY & FOWLER

APPLICATION

A 24648

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4th

DATE 11/18/76

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 Howard Associates

ADDRESS Old Frederick Road PHONE Joel Abramson 730-7733

PROPERTY LOCATION:

SUBDIVISION Lower Trail LOT NO. 9A 16

ROAD AND DESCRIPTION Old Frederick Road RT 144

SIZE OF LOT 1.848 Acres 5 acres m/l TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Joel Abramson

APPROVED BY [Signature] FOR TRENCH DATE 1985
(KIND OF SYSTEM)

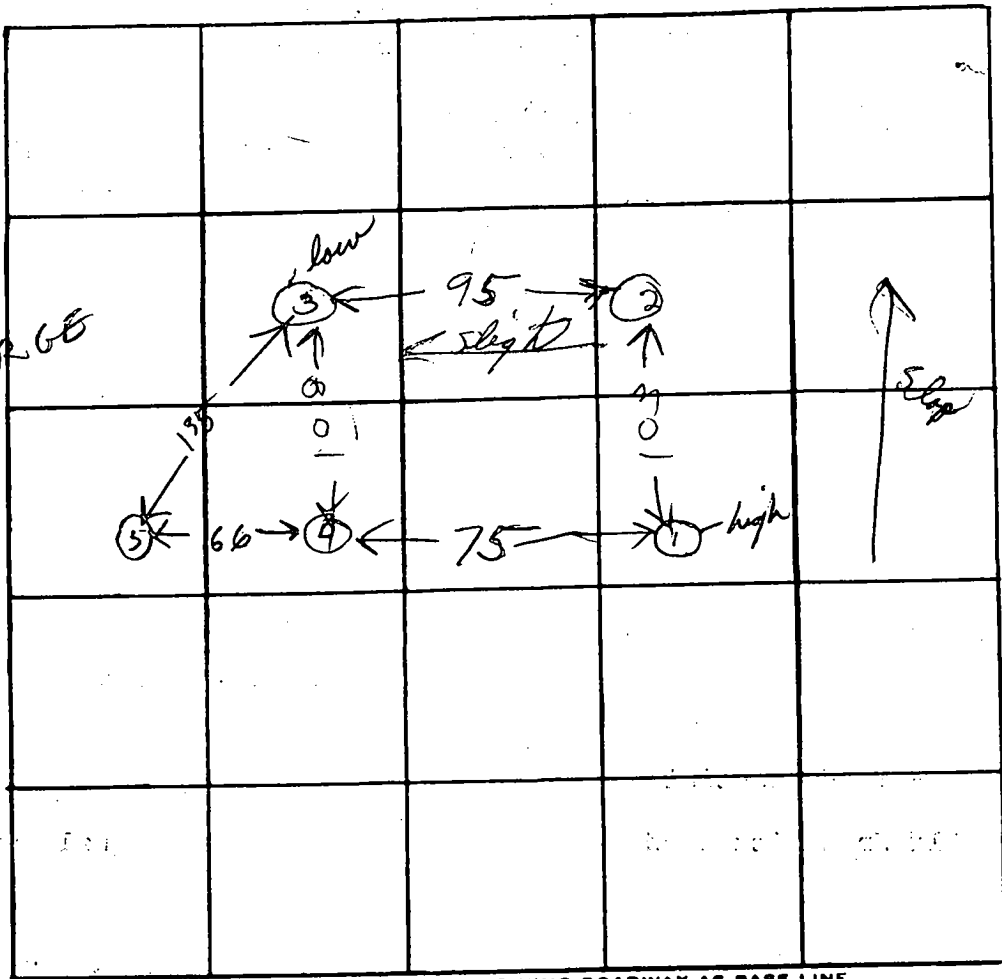
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2/8/79 - PERC OK HOLD FOR
CERTIFIED HOLES RT 1985 PLAT ON

THIS IS NOT A PERMIT

SEE LARGE
 PLAT
 FOR HOLE
 LOCATION



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

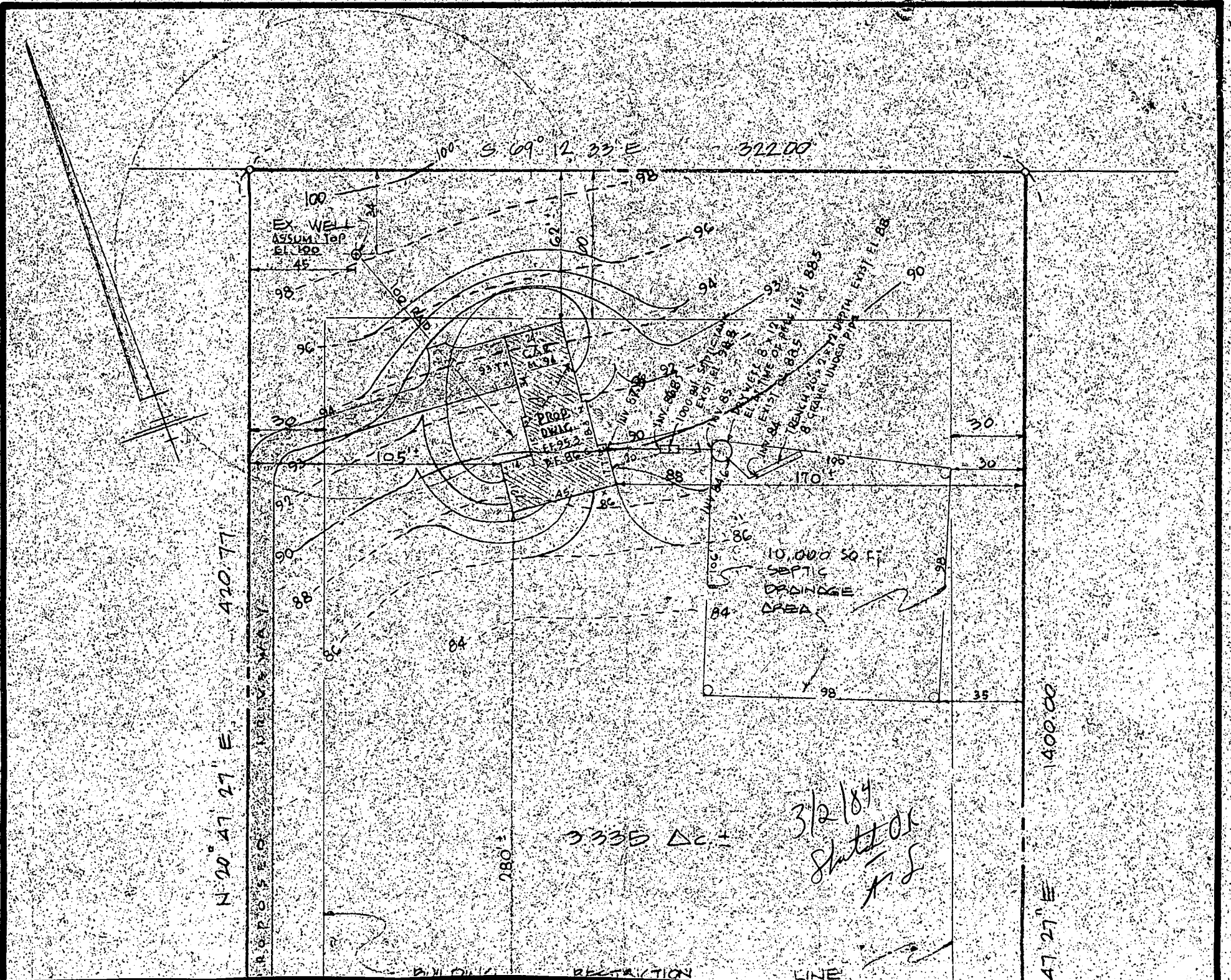
ET 144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-15	15	3 1/2	3 21	3 25	3 25	3 33	8 min
	10	12 1/2	3 21	3 27	3 27	3 42	15 min
	25	3 1/2	3 34	3 38	3 38	3 48	10 min
	20	12 1/2	3 34	3 40	3 40	4 02	22 min
	35	4	3 42	3 48	3 48	4 00	12 min
	30	13 1/2	3 42	3 46	3 46	4 02	16 min
	4	11 ft	moist	oil			
8/8/79	55	2 1/2	1000	1007	1007	1020	13
8/8/79	5D	1 1/2	1001	1011	1011	1020	9

REMARKS _____

TYPE OF SOIL _____

TESTED BY B H 8/8/79 ALSO PRESENT: 8/8/79 KALLENSSON



EX WEL
ASSUM Top
EL 100

PROD
WELL

10,000 SQ FT
SEPTIC
DRAINAGE
AREA

3335 ΔC =

3/2/84
Sketch OK
F.S.

N 20° 47' 27" E 420.77

PROPOSED DRIVEWAY

280'

322.00

1400.00
N 20° 47' 27" E

BUILDING RESTRICTION LINE

Conrad & Earth
Engineers & Surveyors
1515 North 12th Street
S 69° 12' 33" E 321.00

1011

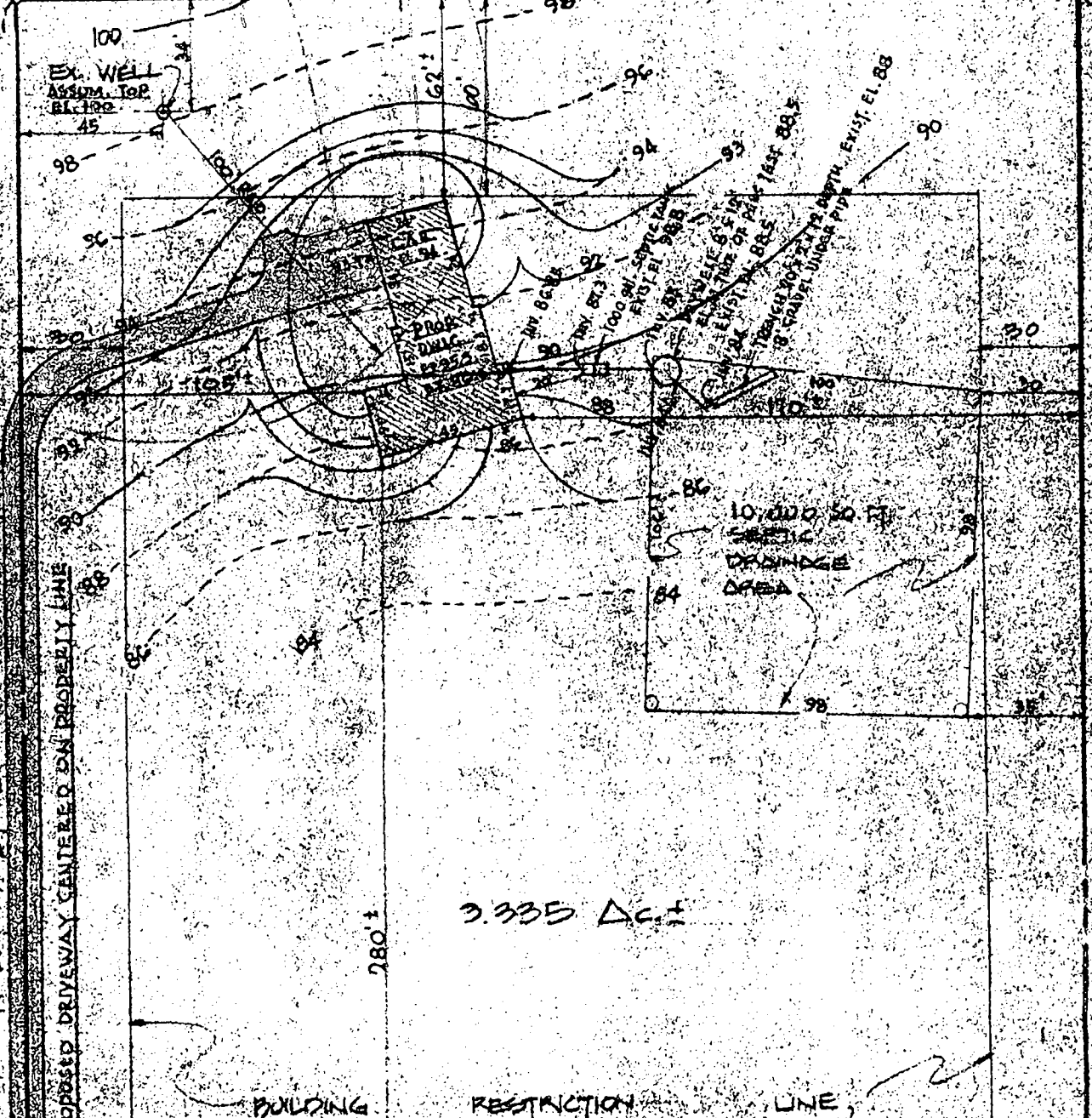
N 20° 47' 27" E 420.77

PROPOSED DRIVEWAY CENTERED ON PROPERTY LINE

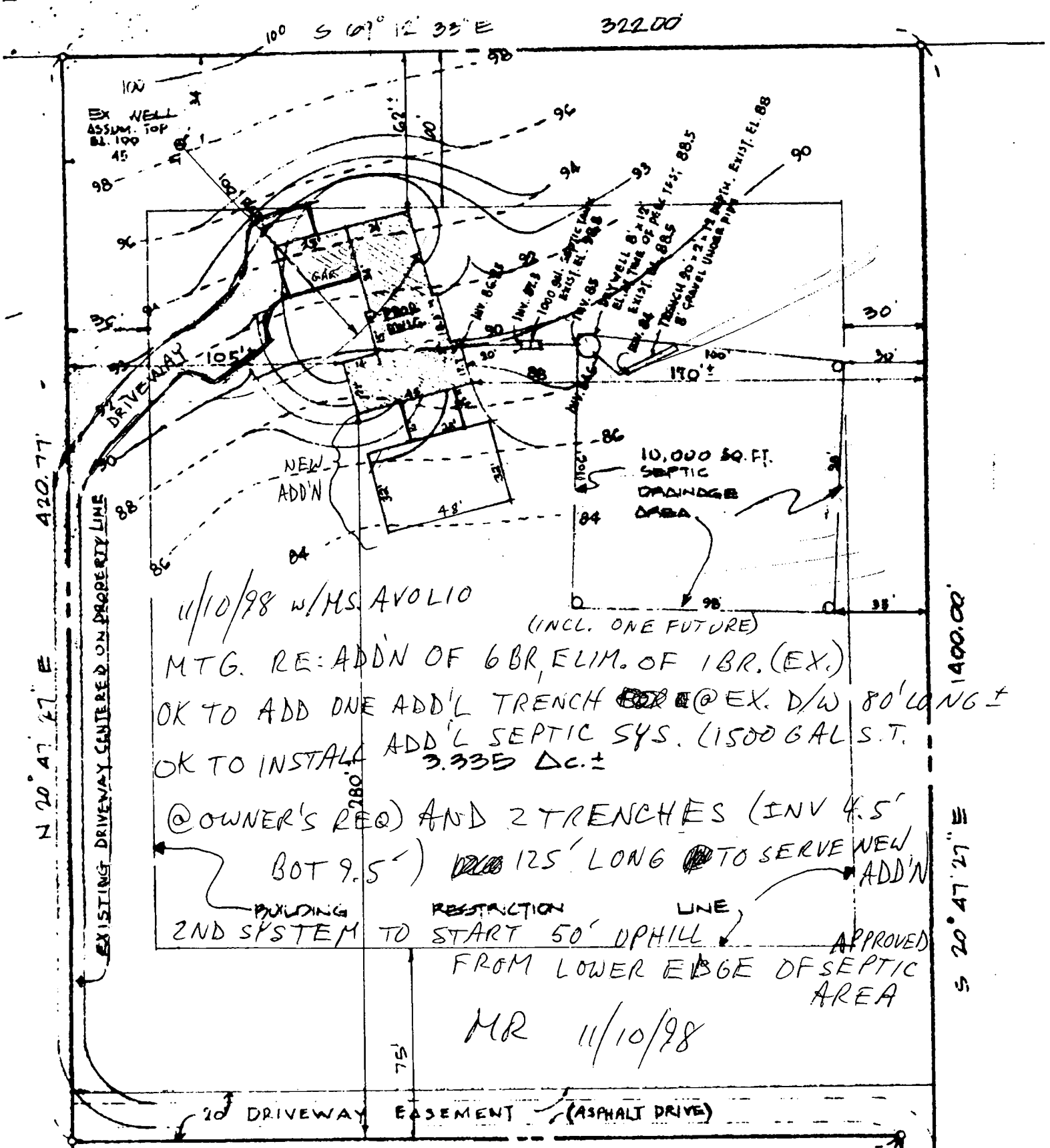
280 ±

3.335 Δ c.f.

S 47° 27' E 1400.00



BUILDING RESTRICTION LINE



11/10/98 w/MS. AVOLIO
 (INCL. ONE FUTURE)
 MTG. RE: ADD'N OF 6 BR, ELIM. OF 1 BR. (EX.)
 OK TO ADD ONE ADD'L TRENCH @ EX. D/W 80' LONG ±
 OK TO INSTALL ADD'L SEPTIC SYS. (1500 GAL S.T.
 3.335 Δc. ±
 @ OWNER'S REQ) AND 2 TRENCHES (INV 4.5'
 BOT 9.5') 125' LONG TO SERVE NEW
 ADD'N
 BUILDING RESTRICTION LINE
 2ND SYSTEM TO START 50' UPHILL FROM LOWER EDGE OF SEPTIC AREA
 APPROVED

MR 11/10/98

PLOT PLAN
 PROPERTY OF FREDERICK & LISA AVOLIO
 16328 FREDERICK RD., WOODBINE, MD 21797
 SCALE 1" = 50'

N 20° 47' 27" E 420.77'

S 20° 47' 27" E 1400.00'

N 69° 12' 33" W 312.00'

979.23'



HOWARD COUNTY HEALTH DEPARTMENT

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

D R A F T

Reply to:

DATE January 4, 1999

MEMORANDUM

TO: Mr. & Mrs. Frederick Avolio
16228 Frederick Road
Woodbine, MD 21797

FROM: Mark Rifkin MR
Water and Sewerage Program
Bureau of Environmental Health

RE: Building Permit Application Number: B00115522
Proposed Use: Addition of 6 Bedrooms
Address: 16228 Frederick Road
Lower Trail, Lot 14

This is to confirm that the above referenced building permit application was recommended for approval subject to the following conditions and/or cautions:

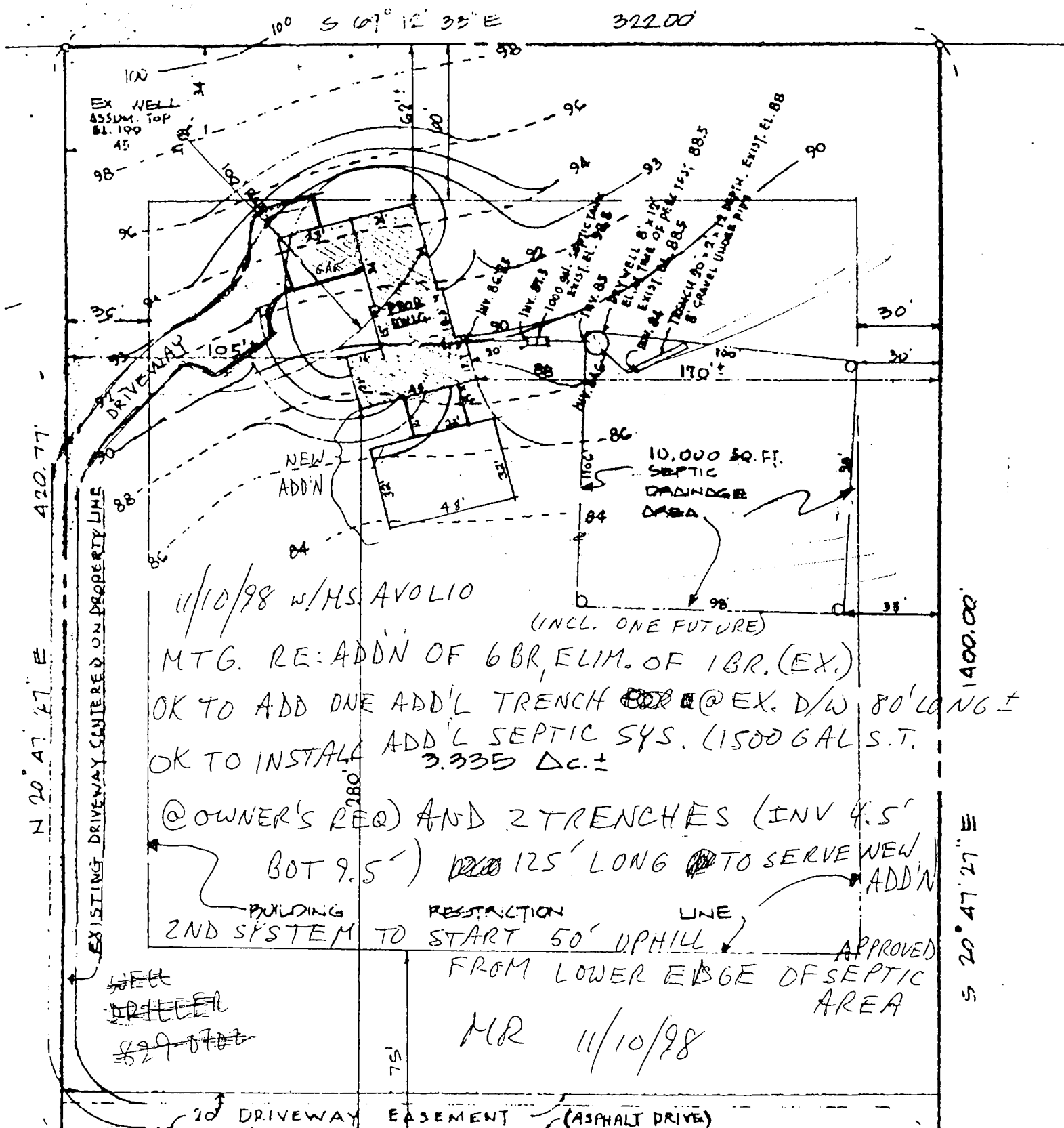
- that a septic system repair permit (\$25 fee) will be requested
and a septic system repair performed as previously arranged
prior to completion of construction of the addition.

These conditions were discussed with you Mrs. Avolio
on November 10, 1998.

This office's recommendation for approval of the building permit application was based upon your acceptance of these conditions.

cc: Barnard Construction

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits 313-2640 Community Environmental Health 313-2642
Technical Services 313-2644 Director 313-2645 TDD 313-2323



11/10/98 w/MS AVOLIO
 (INCL. ONE FUTURE)
 MTG. RE: ADD'N OF 6 BR, ELIM. OF 1 BR. (EX.)
 OK TO ADD ONE ADD'L TRENCH @ EX. D/W 80' LONG ±
 OK TO INSTALL ADD'L SEPTIC SYS. (1500 GAL S.T. 3.335 ΔC. ±
 @ OWNER'S REQ) AND 2 TRENCHES (INV 4.5' BOT 9.5') ~~125'~~ 125' LONG TO SERVE NEW ADD'N
 BUILDING RESTRICTION LINE
 2ND SYSTEM TO START 50' UP HILL FROM LOWER EDGE OF SEPTIC AREA APPROVED

MR 11/10/98

N 60° 12' 35" W 312.00' BOO115522

1/4/99 BP OK

PLOT PLAN
 PROPERTY OF FREDERICK + LISA AVOLIO
 16228 FREDERICK RD., WOODBINE, MD 21797
 SCALE 1" = 50'

AS PER PREV. DISCUSSION -
 CONTINGENCY LETTER SENT

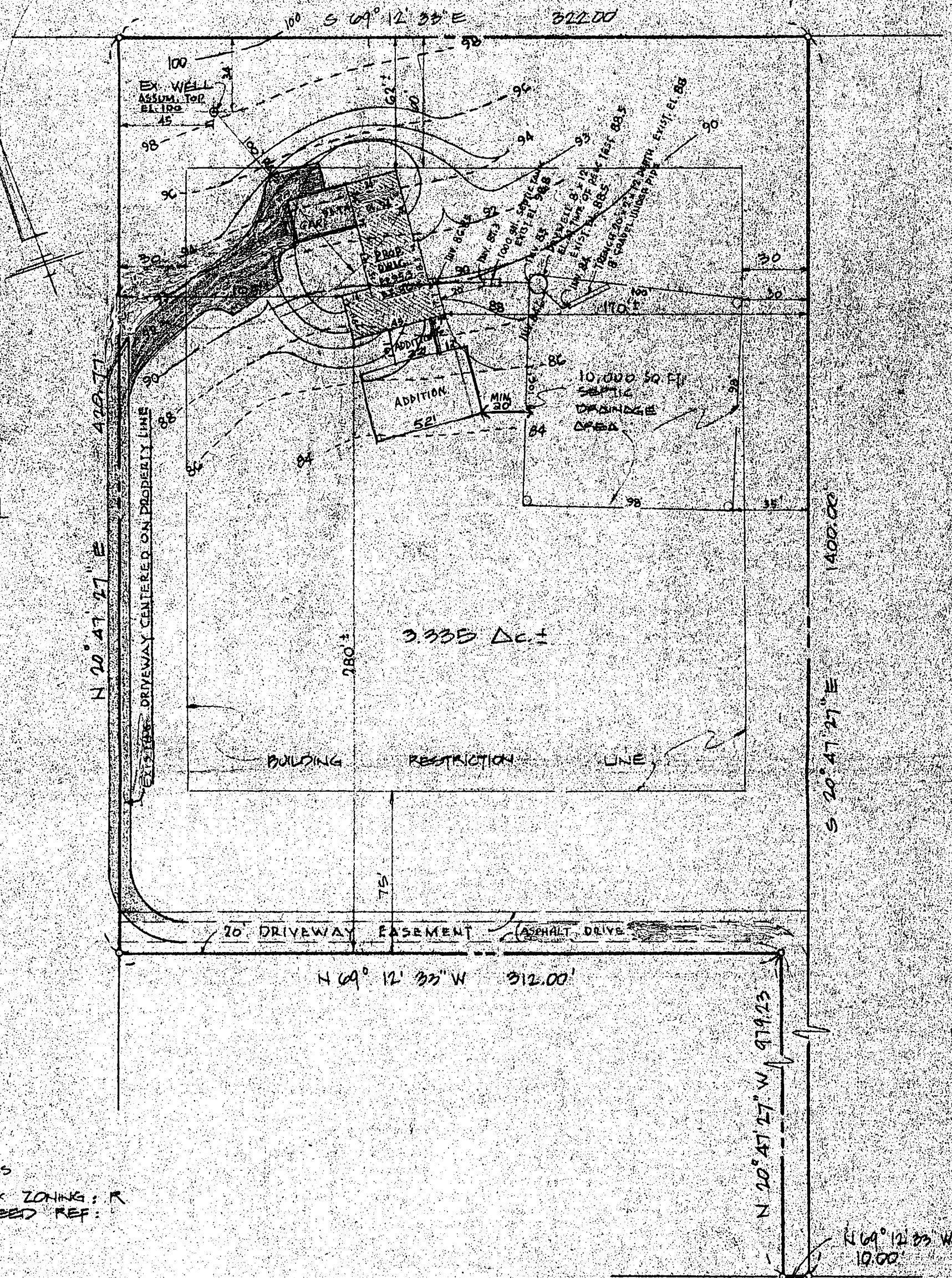
MR

1400.00'

S 20° 47' 27" E

979.23

LOT 11



NOTES

- 1) EX ZONING: R
- 2) DEED REF:

FREDERICK RD.
 (OLD NATIONAL PIKE)
 (MD RTE. 144)

PLOT PLAN

PROPERTY OF MR & MRS FREDERICK AYOLIO
 16228 FREDERICK RD.
 WOODBINE, MD. 21797
 HOWARD COUNTY, MD
 4th ELECTION DISTRICT
 SCALE 1" = 50'

REVISED 12/16/98 BY LISA AYOLIO *Lisa Ayolio*

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

SIGNED: *Robert L. Williams*

3/8/94 2/16/98 4/1/94

DDP No 5-12222

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER

B00115522

Building Address 16229 Frederick Road
Worabine, MD 21797

Property Owner's Name Frederick Avalie

Address 16229 Frederick Rd.

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

City Worabine State MD Zip Code 21777

Census Tract 6040 Subdivision N/A

Home Phone (410) 491-5315 Work Phone _____

Section N/A Area N/A Lot _____

Applicant's Name & Mailing Address, (if other than stated hereon):

Tax Map 7 Parcel 423 Grid 11

Zoning RC-05 Map Coordinates _____ Lot size 3,375 AC.

Phone _____ Fax _____

Existing Use SFO

Contractor Company Bureau Construction

Proposed Use SFO with 5' addition

Contact Person Garry Raines

Estimated Construction Cost \$ 180,000.00

Address 1612 Rattle Branch Way

Description of Work: Construction of 5' addition

City Worabine State MD Zip Code 21797

1994 addition with 5' addition

License No. 12-18416 MD 12-1746

Phone (410) 499-7621 Fax (410) 499-7621

Occupant or Tenant _____

Engineer or Architect Company _____

Contact Name Garry Raines

Contact Person None

Address _____

Address _____

City _____ State _____ Zip Code _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____

Phone _____ Fax _____

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics	Utilities
Height: _____	Water Supply: _____ (Public) _____ Private _____
No. of stories: _____	Sewage Disposal: _____ Public _____ Private _____
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/>
Reinforced Concrete _____	Natural Gas <input type="checkbox"/>
Structural Steel _____	Propane Gas <input type="checkbox"/>
Masonry _____	Sprinkler system: <u>N/A</u> <input type="checkbox"/>
Wood Frame _____	Full _____
State Certified Modular _____	Partial _____
	Other Suppression _____
	# of Heads _____

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>	Water Supply: _____ Public _____ Private <input checked="" type="checkbox"/>
Depth _____ Width _____	Sewage Disposal: _____ Public _____ Private <input checked="" type="checkbox"/>
1st floor: _____	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2nd floor: _____	Gas Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Basement: _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input checked="" type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/>	Natural Gas <input type="checkbox"/>
Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Propane Gas <input type="checkbox"/>
No. of Bedrooms <u>5</u>	Sprinkler system: <u>N/A</u> <input checked="" type="checkbox"/>
Multi-family dwellings: _____	NFPA #13D _____
No. of efficiency units: _____	NFPA #13R _____
No. of 1 BR units: _____	Other: _____
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 THERE TO; (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 _____
 Title/Company _____

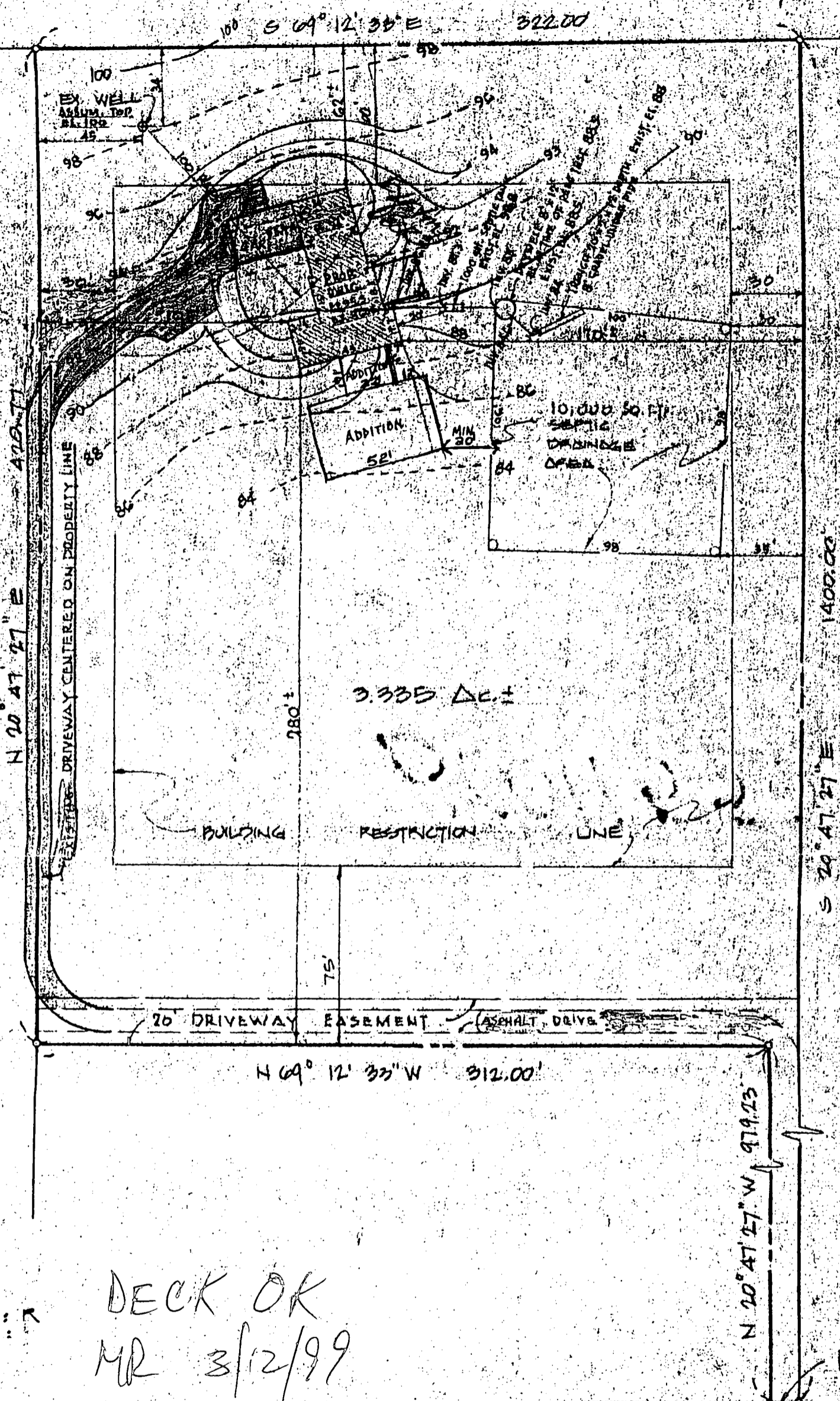
Print Name Garry M. Raines
 Date 12/17/98

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

FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE APPROVAL	DPZ SETBACK INFORMATION	PROPERTY ID#
Land Development DPZ			Front: _____	34020
State Highways			Rear: _____	Filing fee \$ _____
Building Official			Side: _____	Permit fee \$ _____
Dev. Engineering DPZ			Side St: _____	Excise tax \$ _____
Health	<u>1/4/99</u>	<u>Mark E. Rappin</u>	All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ _____
Fire Protection			Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Add'l permit fee \$ _____
Is Sediment Control approval required prior to issuance? YES <input type="checkbox"/> NO <input type="checkbox"/>			Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ _____
CONTINGENCY CONSTRUCTION START <input type="checkbox"/>			Lot Coverage for New Town Zone _____	Balance due \$ _____
ONE STOP SHOP <input type="checkbox"/>			SDP/Red-line approval date _____	Check Validation \$ _____
Distribution of Copies: _____	White: Building Official	Green: LDD, DPZ	Accepted by _____	
		Yellow: DED, DPZ		
		Pink: Health		
		Gold: SHA		

LOT 11



NOTES
 1) EX ZONING: R
 2) DEED REF:

DECK OK
 MR 3/12/99

FREDERICK RD.
 (OLD NATIONAL PIKE)
 (MD RTE. 144)

B00115522
 REVISED
 3-12-99
 Comments: Remove + rebuild Deck

PLOT PLAN
 PROPERTY OF MR & MRS FREDERICK DYOLIO
 16228 FREDERICK RD.
 WOODBINE, MD. 21797
 HOWARD COUNTY, MD
 4th ELECTION DISTRICT
 SCALE 1" = 50'

REVISED 12/16/98 BY LISA DYOLIO *Lisa Dyolio*

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

SIGNED: *Gregory J. Fishers* 2/8/99 2/16/99 4/1/99

VDG No 5-12222

C1 0849

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED

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

COUNTY NUMBER A24644

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 112283

DEPTH OF WELL grid: 160

PERMIT NO. grid: H0-81-0332

OWNER: Avolio (last name), Lisa (first name); STREET OR RD: Md. Rt. 144; TOWN: Lisbon; SUBDIVISION: Lower Trail; SECTION: ; LOT: 14

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Brown Shale, Brown Slate, Blue Slate, Brown Slate, Blue Slate.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 14, NO. OF POUNDS: 1400.

CASING RECORD: casing types (ST, CO, PL, OT), MAIN CASING TYPE: PL, Nominal diameter: 6, Total depth of main casing: 60.

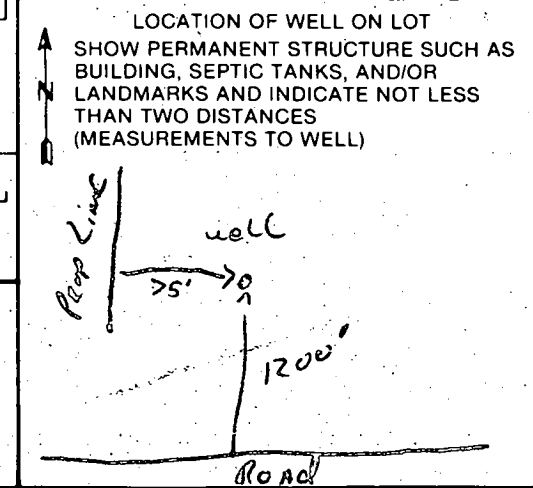
OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole (HO), DEPTH (nearest ft.) grid: H0, 58, 160.

SLOT SIZE, DIAMETER OF SCREEN, GRAVEL PACK, IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

PUMPING TEST: HOURS PUMPED: 3, PUMPING RATE: 5, METHOD USED TO MEASURE PUMPING-RATE: Bucket, WATER LEVEL: 48, WHEN PUMPING: 160, TYPE OF PUMP USED: C (centrifugal), S (submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED: C, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT: + above, - below, LAND SURFACE: 2 (nearest foot).



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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 273; DRILLERS SIGNATURE: Ralph Wayne; SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (E.R.O.S.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.