

LAYOUT 3/26/03 2:30pm INSP 4 _____
 INSP 2 4/8/03 1PM INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 3/14/03
 APPROVAL DATE: 4/8/03

**PERMIT
INDEXED**

04-365682

P 518573
 A 59946-M

**ON-SITE SEWAGE DISPOSAL SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH**

Miller Excavating Company, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: 18115 Sellman Road, Dickerson 20842 PHONE NUMBER: 301-349-4400

SUBDIVISION: Westwoods @ Cherry Grove LOT NUMBER: 17

ADDRESS: 16913 Old Sawmill Road PROPERTY OWNER: D. R. Horton, Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on approved site plan. Run trenches 10' center to center on contour.
NOTES:	Basement service by gravity is not proposed.

PLANS APPROVED: Steven R. Krieg *OK 6/6/02 (SC)* DATE: 6/28/2002

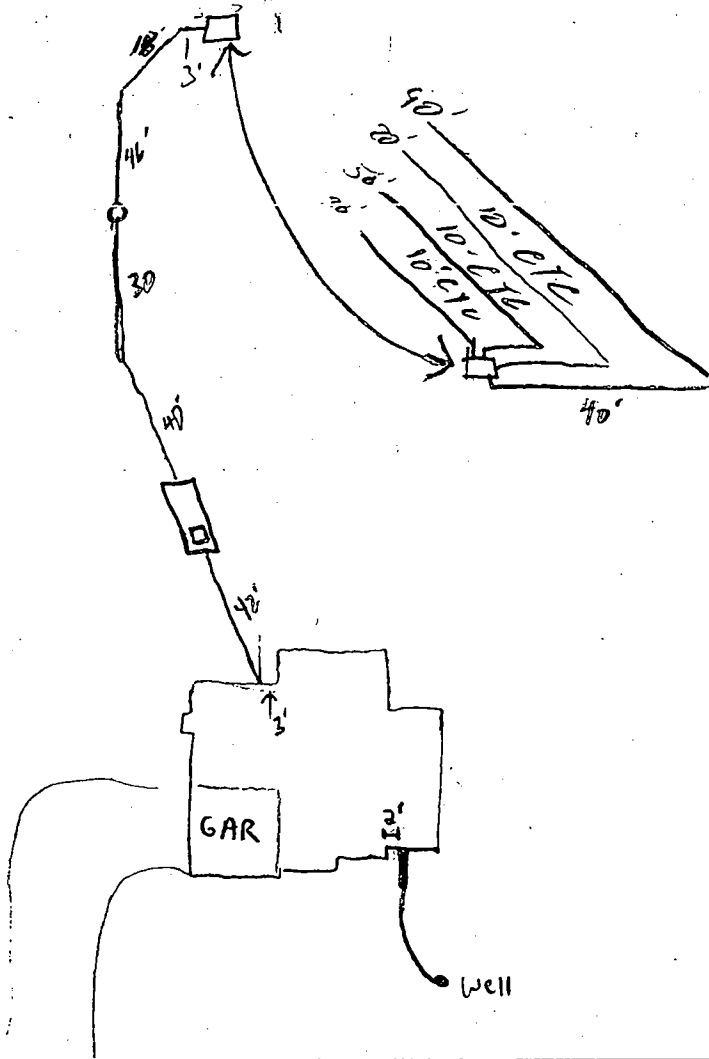
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM BUILDING PERMIT SIGNED AND RETURNED ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

*3-2603 B00140729-UG PROPANE TANK
 7-1-04 B00149245-DECK*

A59946-M

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'	5.5'
NUMBER OF TRENCHES	4	
TOTAL LENGTH	240'	
ABSORPTION AREA	720 sq	
DISTRIBUTION BOX LEVEL	✓	
DISTRIBUTION BOX BAFFLE	✓	
DISTRIBUTION BOX PORT	_____	

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	✓
BAFFLE FILTER	_____
MANHOLE LOC	Front
6" PORT LOC	_____
WATERTIGHT TEST	_____
SEPTIC TANK 2 LEVEL	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

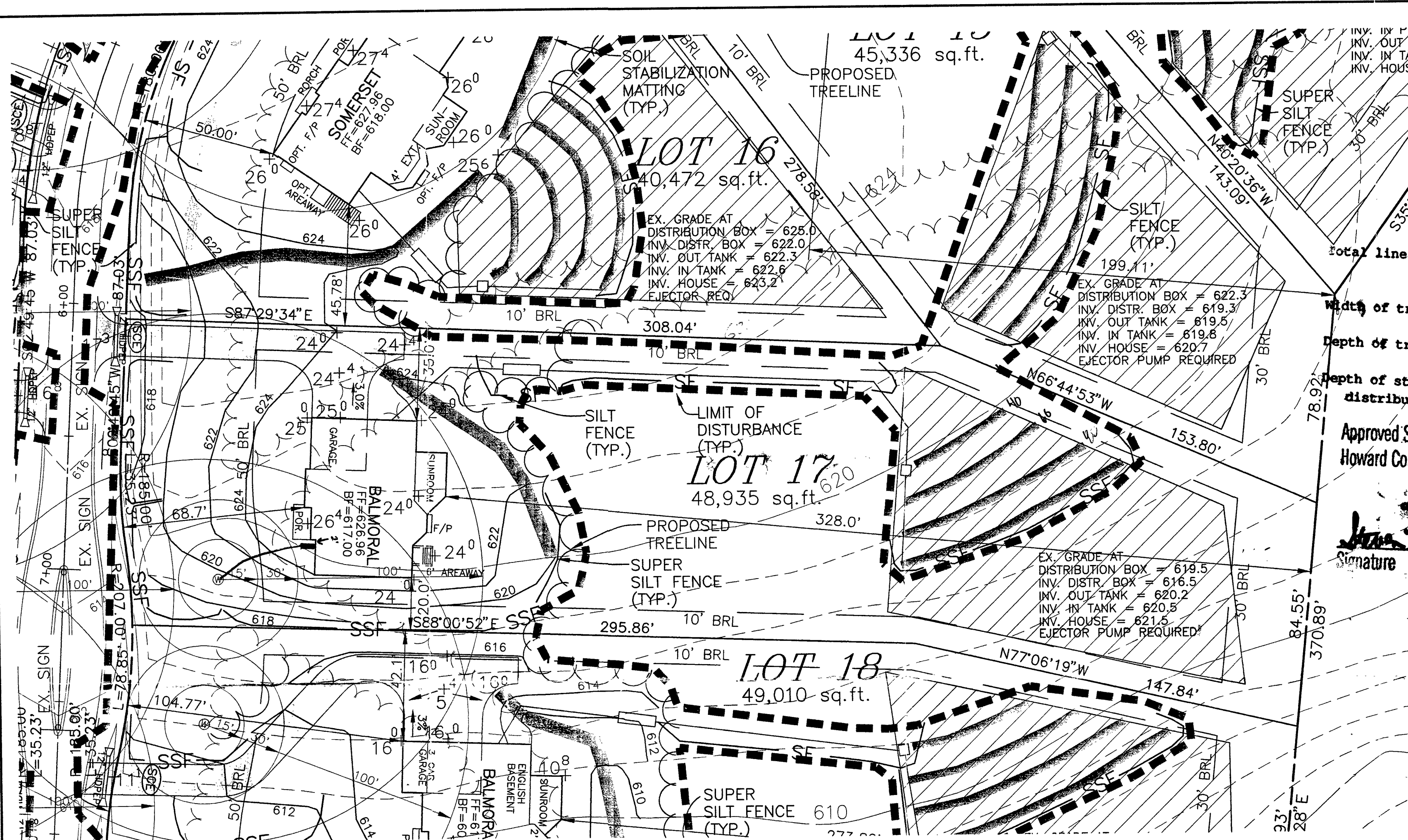
PRE-CONSTRUCTION 3/26/03 - MET W/ CONTRACTOR AT SITE, SOA STAKES SET, CONTOUR PER PLAN, HOUSE CONN. MAY DIFFER FROM PLAN, WENT OVER S.T. PLACEMENT & TRENCH LAYOUT, KEEP TRENCHES 10' CTC & TRY TO MINIMIZE LOSS OF TOP CORNER - (SRK) INSTALLATION

4/8/03 OK to cover all work (SRK)

BUILDING PERMIT SIGNED AND RETURNED

FINAL INSPECTOR *[Signature]*

DATE OF APPROVAL 4/8/03



Total linear feet of trench required **240** feet
 Width of trench(es) **3** feet
 Depth of trench(es) **5.5** feet
 Depth of stone required below distribution pipe **2** feet
 Approved Septic System Plan
 Howard County Health Department

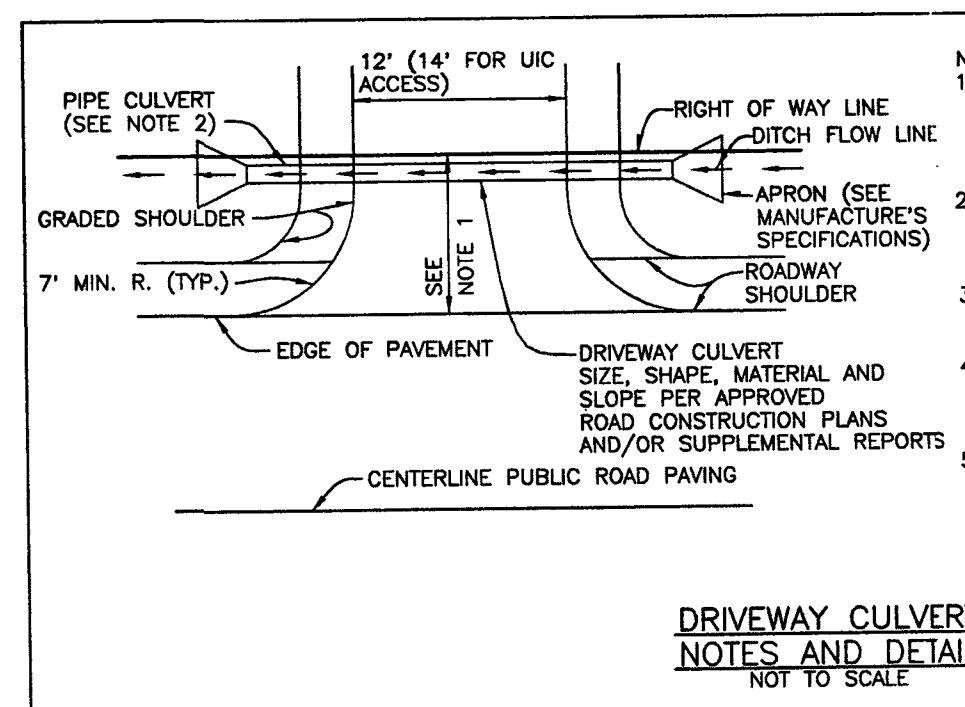
John K. King
 Signature Date

LEGEND

LIMIT OF DISTURBANCE	---
PROP. SILT FENCE	-SF-
PROP. SUPER SILT FENCE	-SSF-
EX. EARTH DIKE	---
PROP. EARTH DIKE	---
STABILIZED CONSTRUCTION ENTRANCE	(SCE)
EXISTING CONTOUR	---
PROPOSED CONTOUR	---
EROSION CONTROL MATTING	---

NOTES:

- THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 14810, REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-01-192 AND MODIFIED FOR THIS SPECIFIC HOUSE.
- TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS.
- EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
- SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
- ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS (F-00-105).



- NOTES:**
- DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON STD NO. R-2.01 OR ALTERNATIVE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
 - DRAINAGE CULVERT SIZE, SHAPE, MATERIAL AND SLOPE SHALL BE IN ACCORDANCE WITH THE APPROVED ROAD CONSTRUCTION PLANS AND/OR SUPPLEMENTAL REPORTS.
 - APRONS ARE TO BE INSTALLED AT EACH END OF THE DRIVEWAY CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS.
 - SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL, AS APPROVED BY D.P.W.
 - SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.

NO.	DATE	REVISION

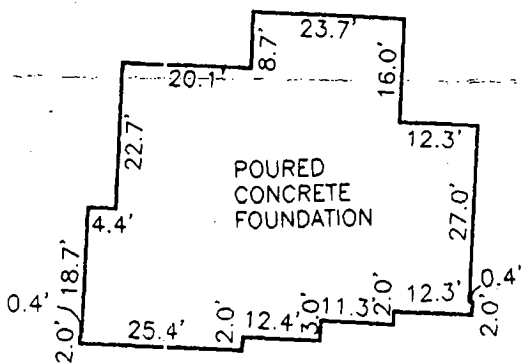
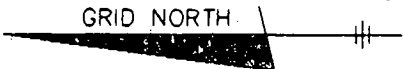
BENCHMARK
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 PHONE: 410-465-6105 ▲ FAX: 410-465-6644
 EMAIL: benchmark@cais.com

OWNER/BUILDER: D.R. HORTON, INC. SUITE 230 1370 PICCARD DRIVE ROCKVILLE, MARYLAND 20850 1-301-670-6144		PROJECT: THE WESTWOODS AT CHERRY GROVE LOT 17	
LOCATION: 16913 OLD SAWMILL ROAD WOODBINE, MD 21797 TAX MAP 13 - BLOCK 15 - PARCELS 140, 141, 142 AND P/O PARCEL 46 4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		TITLE: PERMIT PLAN	
HOUSE TYPE: BALMORA		DATE: JUNE, 2002	
DESIGN: JMC	DRAFT: JMC	SCALE: 1" = 30'	PROJECT NO. 1431 DRAWING 1 OF 1

NICHOLS VENTURE, L.L.C.
5294/347

GRID NORTH



FOUNDATION DETAIL

SCALE: 1" = 30'

3/13/03

House Location
Consistent with B.P.
Plan. **BB**

LOT 15

LOT 16

LOT 17

LOT 18

TOP OF FOUNDATION WALL ELEVATION = 625.8'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 12/04/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCHI GROUP, INC. ENTITLED "THE WESTWOODS OF CHERRY GROVE", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 14810

David M. Harris

DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 14810
FEMA FIRM No. 240044 0013 B
ZONE: C
DATED: 12/04/86

BENCHMARK
ENGINEERING, INC.
ENGINEERS & SURVEYORS & PLANNERS

8450 BALTIMORE NATIONAL PIKE SUITE 410
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-430-6100 FAX: 410-480-8644
email: Benchmark@aol.com



OLD SAWMILL ROAD
(VARIABLE WIDTH R/W)

WALL CHECK
THE WESTWOODS OF
CHERRY GROVE
LOT No. 17

16913 OLD SAWMILL ROAD

4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 12/04/02

**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: Bentley's Telephone #: 301-428-3900
Address: 23407 Frederick Rd
Washington MD 20771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): FRANK HINKLE License# 17867
*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: D. K. Norton Telephone #: 670-6-199
Subdivision: Cherry Grove Lot #: 17 Well Tag #: HO-44-2772 ✓
Site Address: 16913 Old Sawmill Rd
Woodbine Md 21797

Submersible Pump Data

Make: Soudis
Model #: _____
Pump Capacity 1/3 GPM
Well Yield: 3.5 GPM
Depth of well encountered at time of pump installation: _____ (feet)

Pitless Adapter

Make: Campbell
Model #: _____
Depth: 36 (36" min)
NSF approved:

Well Cap and Electric Conduit

Two piece watertight cap: _____
Screened, vented well cap: _____
Cap secured to casing: _____
Conduit min 18" B.G.: _____
Conduit secured to well cap: _____

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors of Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt _____

Piping to house

Type: Black 1"
PSI: 200 (160 psi min)
Depth of supply line: 41 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: _____
Approximate length of sleeve: _____
Sleeve caulked and sealed properly:

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: [Signature] date: 1/13/03

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

Date Insp. Requested: 1/14/03 AM Date Insp. Approved: 1/14/03 (50)
Inspection Data: Pitless adapter and water supply line at least 36" below grade _____
Two piece cap installed and attached to casing securely _____
Elec. conduit extends at least 18" below grade/attached to cap properly _____
Safety rope installed inside of well casing _____
Correct well tag attached properly and casing 8" above finished grade _____
Water supply line sleeved adequately at house connection _____
Adequate grout observed below pitless adapter _____

C1 **07866**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. 10/3/00 OK (B2)
 COUNTY NUMBER

ST/CO USE ONLY
 DATE RECEIVED
 MM DD YY
 8 13

DATE WELL COMPLETED
 MM DD YY
 7 15 2000

Depth of Well
 22 400' 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
HO-94-2777

OWNER **GROVEMONT DEVELOPMENT**
 STREET OR RFD **OLD SAWMILL RD.** TOWN **LISBON**
 SUBDIVISION **WESTWOODS AT CHERRY GROVE** SECTION **17** LOT **#17**

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		check if water bearing
	FROM	TO	
Brown Shale	0	23	
Yellow clay	23	70	✓
Brown Shale	70	95	
Blue Rock	95	400	✓

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **23** NO. OF POUNDS **2162**
 GALLONS OF WATER **138**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **80** 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 **ST** Nominal diameter top (main) casing (nearest inch!) **6** Total depth of main casing (nearest foot) **100**

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 **HO** OPEN HOLE
PL PLASTIC **OT** OTHER

C 2 DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10
E	110	98		400					
A	8	9	11	15	17				21
C									
H	23	24	26	30	32				36
S									
C									
R	38	39	41	45	47				51
E									
N									

SLOT SIZE 1 _____ 2 _____ 3 _____

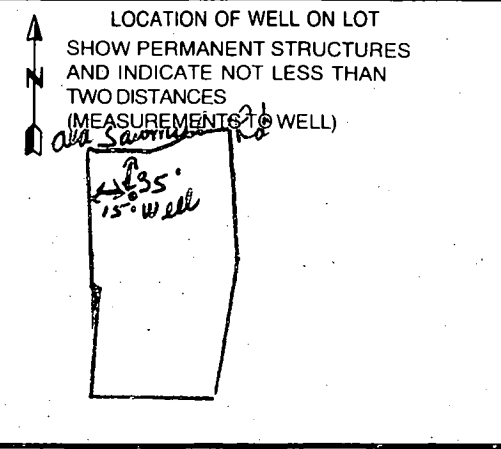
DIAMETER OF SCREEN (NEAREST INCH)
 from _____ to _____

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 Q
 70 _____ 72 _____ 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 **PUMPING TEST**
 HOURS PUMPED (nearest hour) **6**
 PUMPING RATE (gal. per min.) **1.5**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **47** ft.
 WHEN PUMPING **305** 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 INSTALLED 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 **29**
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 _____ 35
 PUMP HORSE POWER 37 _____ 41
 PUMP COLUMN LENGTH (nearest ft.) 43 _____ 47
 CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE
- below } **2** (nearest foot)



NUMBER OF UNSUCCESSFUL WELLS: **0**

WELL HYDROFRACTURED **Y** **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.

DRILLERS LIC. NO. 1 **MS D024**
 DRILLERS SIGNATURE **Joseph L. Mayne**
 (MUST MATCH SIGNATURE ON APPLICATION)
 LIC. NO. 1 **D**

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

B 1	5969	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	STATE PERMIT NUMBER
1 2 3 6			<i>W514154</i>	HO - 94 - 2777
			Please print or type	fill in this form completely

OWNER INFORMATION

Date Received (APA) _____

8 MM DD YY 13

Movement Development LLC

15 Last Name Owner First Name 34

P.O. Box 417

36 Street or RFD 55

Ellicott City Md 21041

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Joseph L. Mayne M S D 024

76 License No. 81

Joseph L. Mayne Well Drilling

5512 Ridge Rd. Mt. Airy 21771

Address

Joseph L. Mayne 7/26/2008

Signature Date

WELL INFORMATION

APPROX. PUMPING RATE 5

(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED 500

(GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

APPROXIMATE DEPTH OF WELL 300 FEET

24 28

APPROXIMATE DIAMETER OF WELL 6 INCH

NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVERSE-ROTary DRIVE-POINT

other _____

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) 41 _____ 52

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

APPROX PERMIT NUMBER _____

PERMIT No. HO - 94 - 2777

70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS _____

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

LOCATION OF WELL

Howard

8 COUNTY 21

The Westwoods of Cherry Grove

23 SUBDIVISION 42

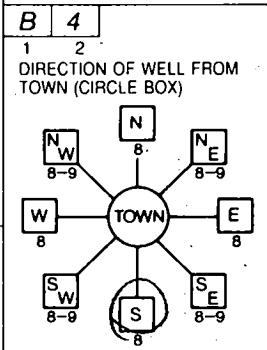
SECTION 44 46 LOT 13 48 50

Lisbon

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 5 M I

73 76 77 78



Old Sawmill Rd

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

WEST EAST

NORTH SOUTH

34 25 37

DISTANCE FROM ROAD 25 FT.

ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL _____

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13

COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S _____

DATE ISSUED 08 09 00 C. J. Williams 8/8/01

43 MM DD YY 48 CO SIGNATURE EXP. DATE 41

NORTH GRID 532 000 EAST GRID 0771 000

50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. Well

2. _____

3. _____

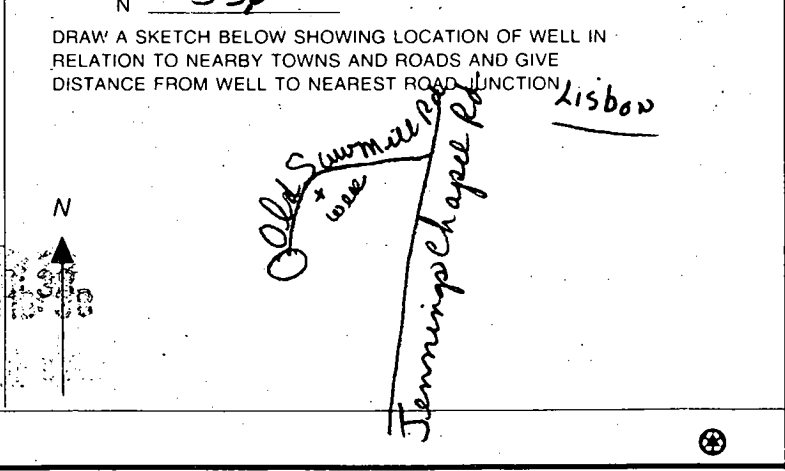
WRITE THE BOX NUMBER FROM THE MAP HERE

E 7701

N 5302

9/15/00 - GROUT NO INSP

000 + 000

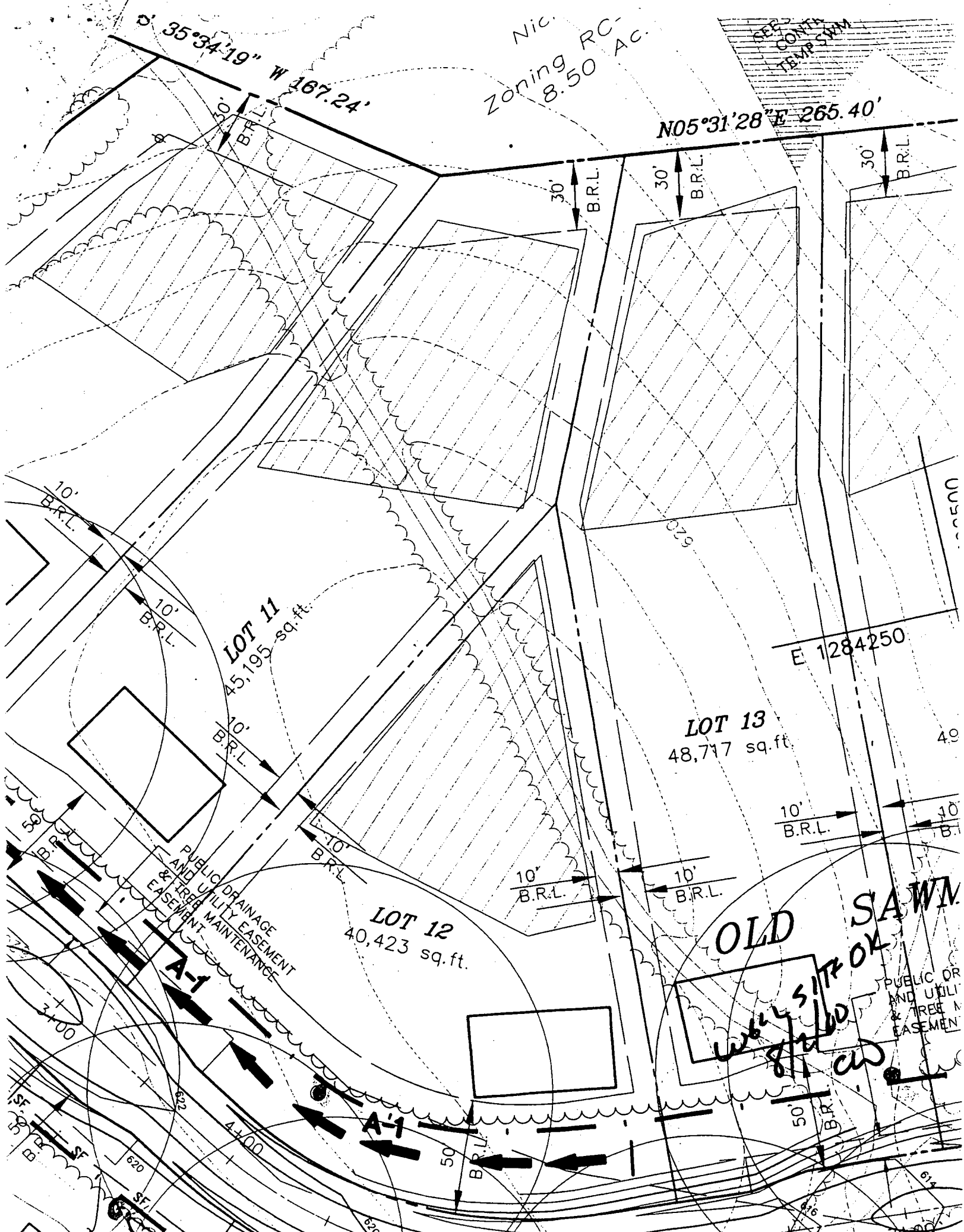


ϕ 35°34'19" W 167.24'

Nic.
Zoning RC-
8.50 AC.

N05°31'28"E 265.40'

SEE
CONTA
TEMP SWIM



LOT 11
45,195 sq. ft.

LOT 13
48,717 sq. ft.

LOT 12
40,423 sq. ft.

E 1284250

OLD SAWMILL
SITE OK
W. S. 1/2 OK

PUBLIC DRAINAGE
AND UTILITY EASEMENT
& TREE MAINTENANCE

PUBLIC OR
UTILITY AND TREE
EASEMENT

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 _____

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 MARSHALL W. NICHOLS

ADDRESS 2937 JENNINGS CHAPEL ROAD
WOODBINE, MD 21797 PHONE _____

AGENT OR PROSPECTIVE BUYER DAVID E. WILKINSON @ MACRO LTD. REAL ESTATE SERVICES

ADDRESS 5301 BUCKEYSTOWN PIKE, SUITE 300
FREDERICK, MD 21704 PHONE (301) 698-9696

PROPERTY LOCATION:

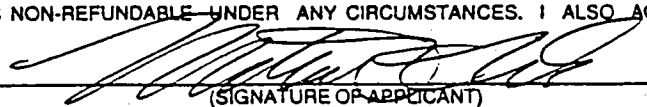
IBDIVISION NICHOLS' PROPERTY LOT NO. _____

ROAD AND DESCRIPTION JENNINGS CHAPEL ROAD, HOWARD COUNTY

TAX MAP 13 PARCEL # P/D 46

SIZE OF LOT 40,000 - 60,000 sq. ft. TYPE BLDG. SINGLE FAMILY DWELLING
(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. X


(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

NICHOLS SUBD.

159946

COUNTY #

SOIL PROFILE

17B

0' - YELLOW
FAN
CLAY

3 1/2' - TAN
MICA
SILT
LOAM

11' - 50%
SANDWICH

17C/18B + 18C/19B

2 1/2' - CLAY

LIGHT
RED/BROWN

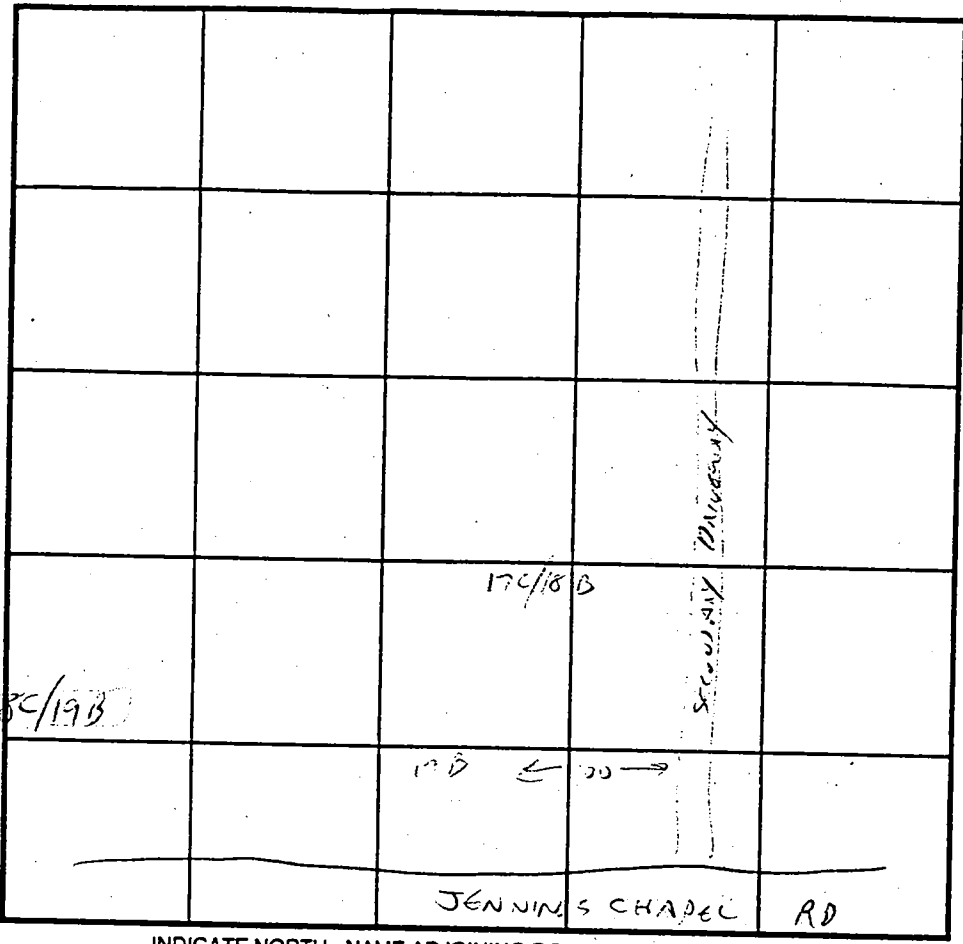
MICA
SILT
LOAM

11'

190/20A

11' - CLAY

MICA
SILT
LOAM



SOIL PROFILE

200/21A

0' - CLAY

2 1/2' - MICA
SILT
LOAM
POCKETS
Y0'S
SANDWICH

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/16/98	17B	3 1/2	4:00	4:03	4:03	4:07	4 MIN
	17C/18B	3 1/2	4:03	4:06	4:06	4:11	5 MIN
	18C/19B	3 1/2	4:04	4:06	4:06	4:09	3 MIN
	190/20A	3 1/2	4:13	4:15	4:15	4:18	3 MIN
	200/21A	3 1/2	4:11	4:14	4:14	4:18	4 MIN

REMARKS _____

TYPE OF SOIL _____

TESTED BY William ALSO PRESENT SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

FC24	FC25	FC26	FC27	FC28	FC29	FC30	FC31	FC32	FC33	FC34	FC35	FC36
------	------	------	------	------	------	------	------	------	------	------	------	------

CURVE	FROM	TO	RADIUS	LENGTH	TANGENT	C
	58	59	810.68	158.95	79.73	
	87	20	130.00	146.32	82.01	
	20	19	25.00	27.67	15.44	
	19	18	55.00	279.48	37.70	
	18	17	25.00	22.41	12.02	
	17	62	170.00	202.09	114.91	
	88	60	780.68	171.19	85.94	
	77	78	185.00	35.23	17.67	
	78	79	207.00	78.85	39.91	
	79	80	185.00	35.23	17.67	
	81	82	180.00	164.17	88.29	
	83	84	185.00	35.23	17.67	
	84	85	207.00	78.85	39.91	
	85	86	185.00	35.23	17.67	
	63	64	185.00	35.23	17.67	
	64	65	207.00	78.85	39.91	
	65	66	185.00	35.23	17.67	
	67	68	220.00	200.65	107.91	
	69	70	185.00	35.23	17.67	
	70	71	207.00	78.85	39.91	
	71	72	185.00	35.23	17.67	

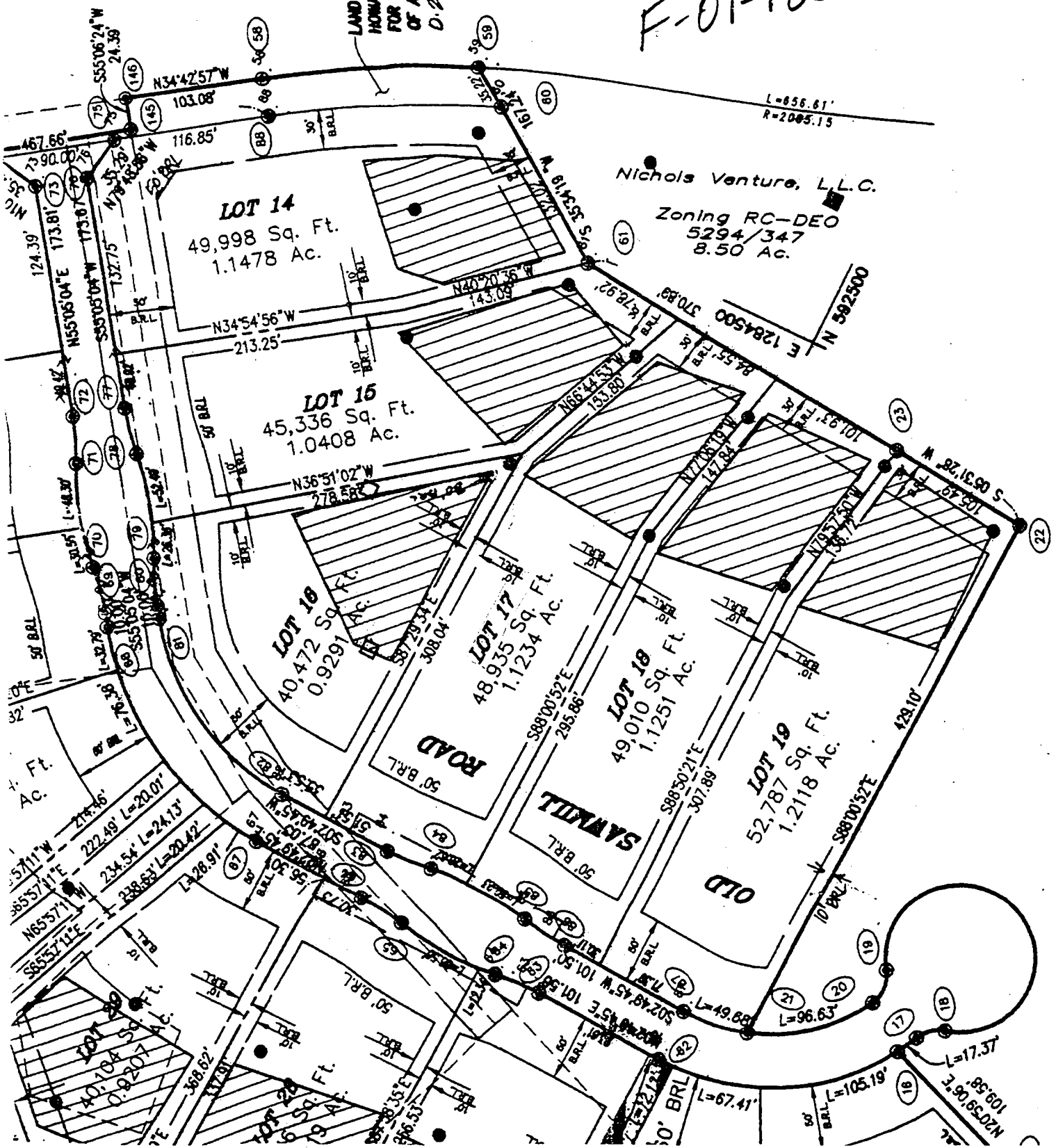
RECORDED
DATED
AMONG THE
HOWARD CO

Grace C. Nichols
2090/403
P. 46
Zoning RC-DEO
g. Preservation Parcel MALPF
No. 13-04-80-04-Box2

LOCAL ROAD
CHAPEL ROAD

LAND DEDICATED TO
HOWARD COUNTY, MD
FOR THE PURPOSE
OF A PUBLIC ROAD
0.22 Ac.

F-01-105



The Westwoods of

