

LAYOUT 8/14/02 1-2 INSP 4 _____
 INSP 2 8/20/02 11:00 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 8/7/2002
 APPROVAL DATE: 8/20/02

PERMIT INDEXED

04-365801

P 517402
 A 59946-Y

**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 Rd, Dickerson PHONE NUMBER: 301-349-4400

SUBDIVISION: Westwoods at Cherry Grove LOT NUMBER: 28

ADDRESS: 16928 Old Sawmill Road PROPERTY OWNER: Bob Miller D.R. Horton, Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): _____ 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 3.0 feet below original grade. Bottom maximum depth 5.0 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 the approved site plan.
NOTES:	Septic tank to be adjusted so as not to have 23 3' of cover to lid.

PLANS APPROVED: Steven R. Krieg *OK* 3/21/02 *(SD)* DATE: 3/11/2002

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

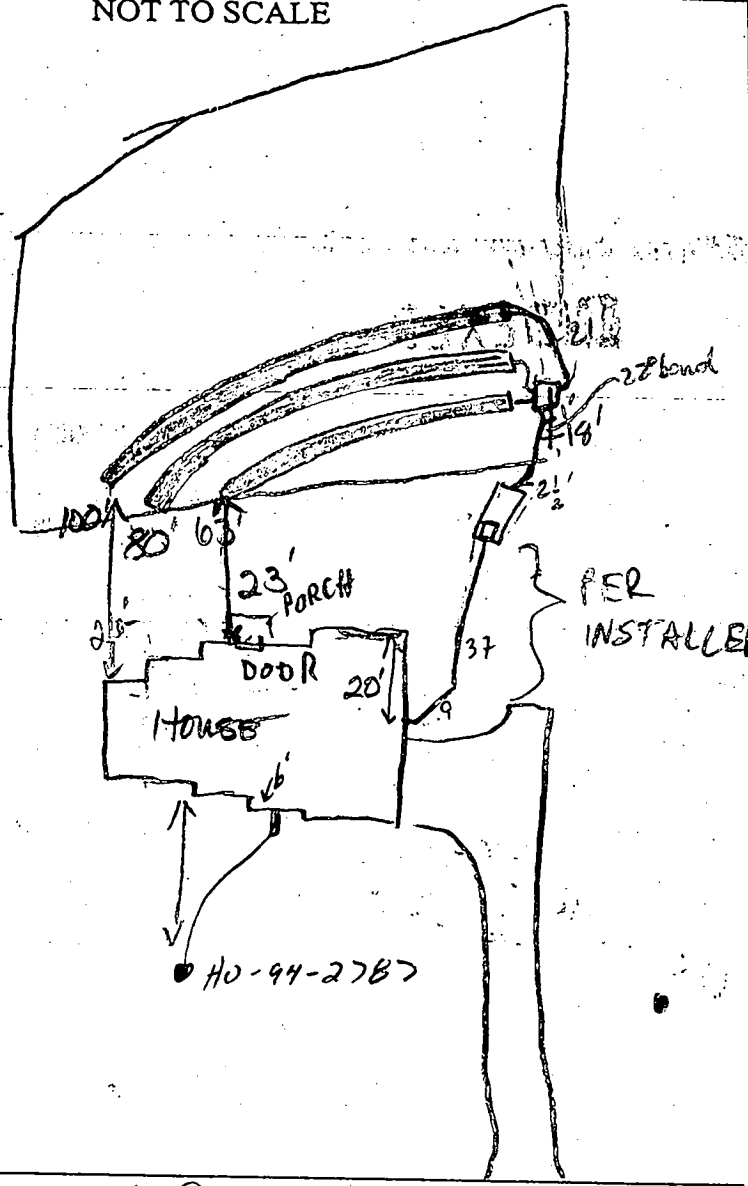
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

BUILDING PERMIT SIGNED AND RETURNED
 8/13/2002 B00137933 1000gal U.G. PROPANE TANK
 8/19/02 B00135054 - SunRoom

BUILDING PERMIT SIGNED AND RETURNED *3-21-02*
 B00135054 - SunRoom

A59946-4

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3	5
NUMBER OF TRENCHES		3
TOTAL LENGTH		243
ABSORPTION AREA		729
DISTRIBUTION BOX LEVEL		levelers + H2O
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	yes
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1 1/2'
BAFFLES	yes
BAFFLE FILTER	no
MANHOLE LOC	Front
6" PORT LOC	No
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

Old Summit ROAD

PRE-CONSTRUCTION 8/14/02 lot staked, contour as shown, OK to install 60'/90'/100' trenches (50)

INSTALLATION 8/20/02 OKAY TO COVER all three trenches and all other work (MR/KN)

FINAL INSPECTOR Karen [Signature] DATE OF APPROVAL 8/20/02

SEPTIC SPECIFICATIONS WORKSHEET

SUBDIVISION: WEST WOODS AT CHERRY GROVE

A 59946 Y

STREET NAME: OLD SAW MILL RD.

LOT NUMBER: 24 28

AVERAGE PERCOLATION RATE: 3 min

SQUARE FEET PER BEDROOM: 180

NUMBER OF BEDROOMS: 4

LINEAR FEET OF TRENCH PER BEDROOM: 52.5

TOTAL LINEAR FEET OF TRENCH: 240

SEPTIC TANK CAPACITY: 1250

~~TOP SEAMED TANK REQUIRED?~~ ~~YES OR NO~~

COMPARTMENTED TANK REQUIRED? YES OR NO

TRENCH DIMENSIONS: Trench to be ³2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.05 feet below original grade. Effective area begins at 3.0 feet below original grade. 4.0 feet of stone below distribution pipe.
2

PUMPED SYSTEM PROPOSED: YES OR (NO)

Pumped Septic System Detail: _____ gallon(s) pump chamber.

Top Seamed Pump Chamber Required? YES OR NO

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pump septic system.

LOCATION: Place the distribution box as shown on the approved site plan.

ADDITIONAL NOTES: Septic Tank to be adjusted so as not to have >3' of cover to lid.

Reviewer: Cy'Willie
Revised SRK

Date: 8/2/00
3/11/02

PRESERVATION PARCEL 'C'
NON-BUILDABLE

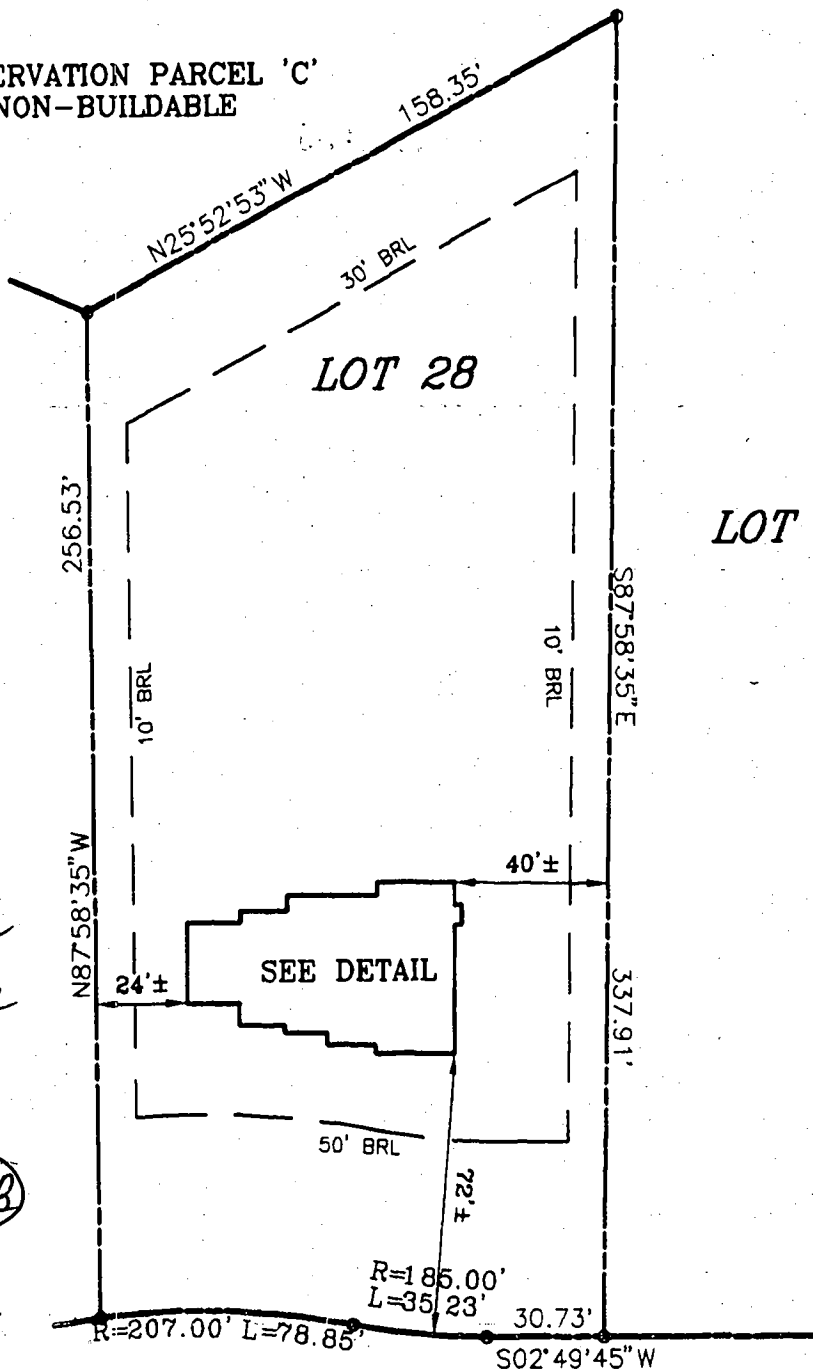


LOT 27

LOT 28

LOT 29

8/7/02
Wall Check
O.K. - House
Modified
Slightly (BB)

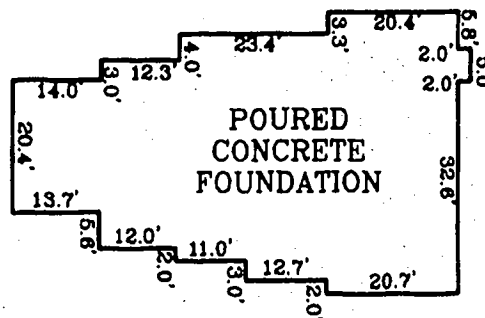


OLD SAWMILL ROAD
(Public Access Place)

TOP OF FOUNDATION WALL = 620.5'
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 4/30/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCHI GROUP, P.C. ENTITLED "THE WESTWOODS OF CHERRY GROVE", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 14810.



FOUNDATION DETAIL

SCALE: 1" = 30'

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.**

0480 BALTIMORE NATIONAL PIKE A SUITE 418
ELKORT CITY, MARYLAND 21043
phone: 410-468-8105 A fax: 410-468-8844
email: Benchmark@bce.com

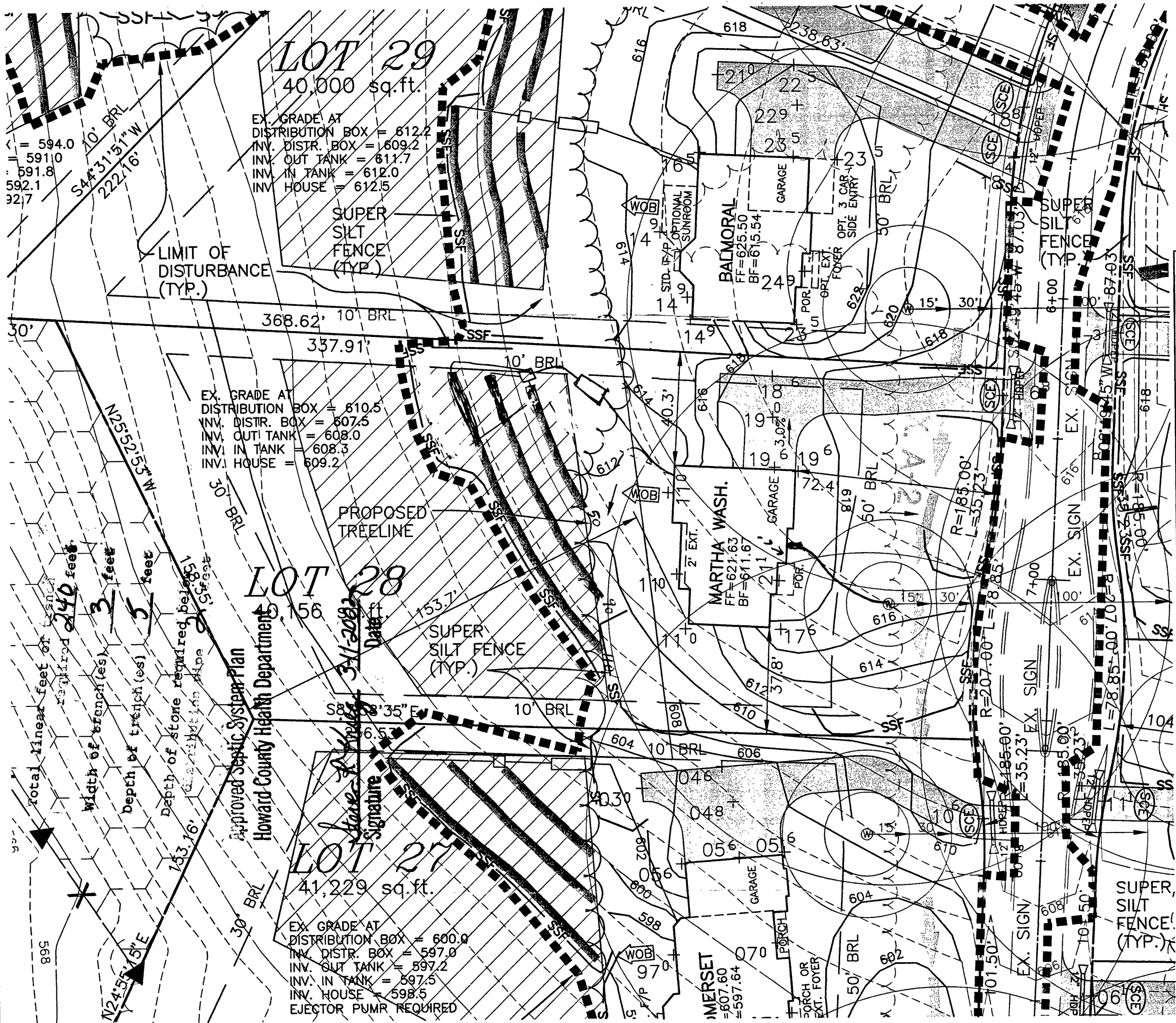


**WALL CHECK
THE WESTWOODS OF
CHERRY GROVE
LOT No. 28**

16928 OLD SAWMILL ROAD

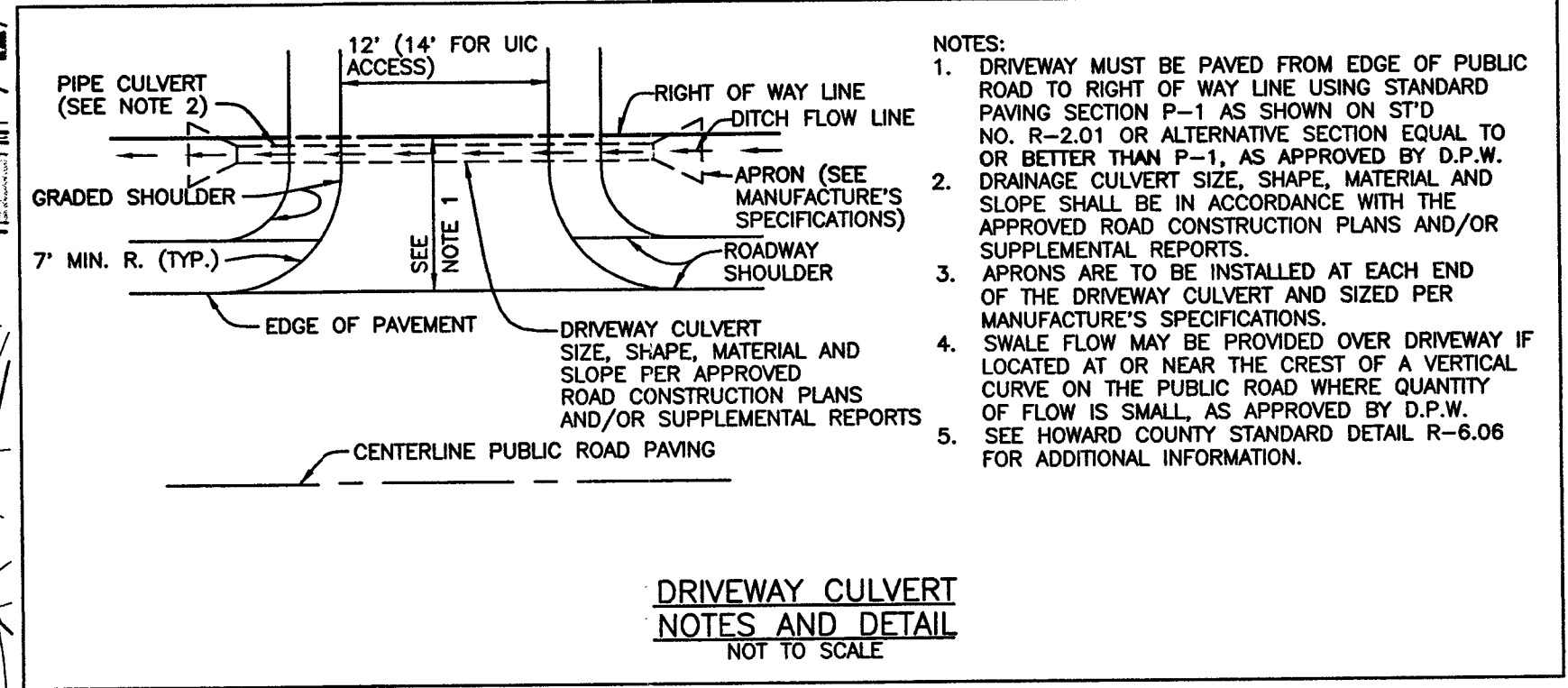
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 4/30/02



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 14810, REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. 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.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-01-192 AND MODIFIED FOR THIS SPECIFIC HOUSE.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS.
5. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS (F-00-105).



LEGEND

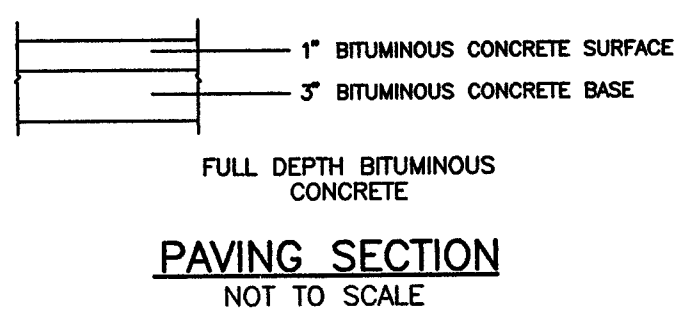
- LIMIT OF DISTURBANCE
- PROP. SILT FENCE
- PROP. SUPER SILT FENCE
- EX. EARTH DIKE
- PROP. EARTH DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EROSION CONTROL MATTING

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@ccis.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 28	
LOCATION: 16928 OLD SAWMILL ROAD LISBON, 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: MARTHA WASHINGTON		DATE: FEBRUARY, 2002	PROJECT NO. 1431
DESIGN: JMC	DRAFT: JTC	SCALE: 1" = 30'	DRAWING 1 OF 1



7/11/02
10:00

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: Ben Lewis & Co Telephone #: 3014283900
Address: 23407 Frederick Rd
Charlottesville MD 22821

(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 Denkle 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.R. Hardon & Co Telephone #: 3016706144
Subdivision: Cherry Grove Lot #: 28 Well Tag #: HO-54-2787
Site Address: 16928 Old Sawmill Rd
Woodbine Md

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Sundt</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u> </u>
Model #: <u> </u>	Model#: <u> </u>	Screened, vented well cap: <u> </u>
Pump Capacity <u>43</u> GPM	Depth: <u>42</u> (36" min)	Cap secured to casing: <u> </u>
Well Yield: <u>3</u> GPM	NSF approved: <u> </u>	Conduit min 18" B.G.: <u> </u>
Depth of well encountered at time of pump installation: <u>268</u> (feet)		Conduit secured to well cap: <u> </u>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Black 1"</u>	FVC sleeved to undisturbed soil at wall penetration: <u> </u>
PSI: <u>200</u> (160 psi min)	Approximate length of sleeve: <u>36"</u>
Depth of supply line: <u>30</u> (36" min)	Sleeve caulked and sealed properly: <u> </u>

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

W. Brown Signature of company representative responsible for installation
7/10/02 date

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

Date Insp. Requested: Date Insp. Approved: 7/10/02
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 - 07876

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER 13

DATE RECEIVED MM DD YY

DATE WELL COMPLETED

DEPTH OF WELL 325

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2787

OWNER GROVEMONT DEVELOPMENT STREET OR RFD OLD SAWMILL RD. TOWN LISBON SUBDIVISION WESTWOODS OF CHERRY GROVE SECTION LOT 2428

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes handwritten entries for Brown Shale and Blue Rock.

GROUTING RECORD form with fields for CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS (25), NO. OF POUNDS (2350), and DEPTH OF GROUT SEAL (80).

CASING RECORD form with fields for MAIN CASING TYPE (ST), Nominal diameter (6), and Total depth (89).

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

SCREEN RECORD form with fields for screen type (ST, BR, HO) and diameter of screen (86).

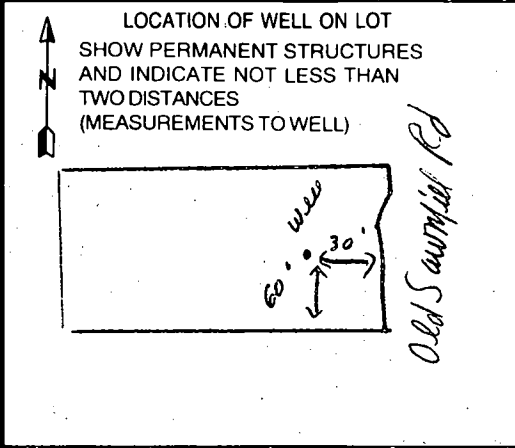
DEPTH (nearest ft.) table with handwritten values for various casing sections.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) form with fields for TELESCOPE CASING and LOG INDICATOR.

PUMPING TEST form with fields for HOURS PUMPED (3), PUMPING RATE (8.5), METHOD USED TO MEASURE PUMPING RATE (Bucket), and TYPE OF PUMP USED (S).

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY (GALLONS PER MINUTE), and PUMP HORSE POWER.



Administrative section including NUMBER OF UNSUCCESSFUL WELLS (0), WELL HYDROFRACTURED (Y), and DRILLERS LIC. NO. 1 MSD024.

APPLICATION

PERCOLATION TESTING

A 59946

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
WOODRINE, 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. [Signature]
(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 _____

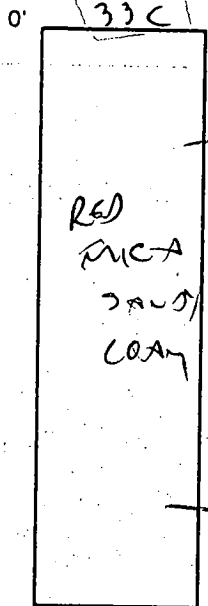
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

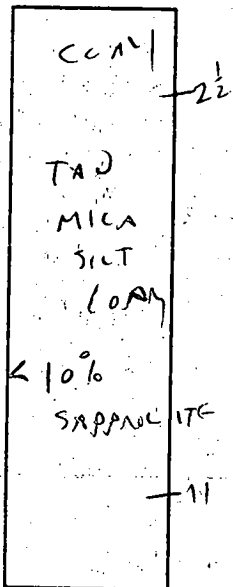
NICHOLS SUBD.
A.59946

COUNTY #

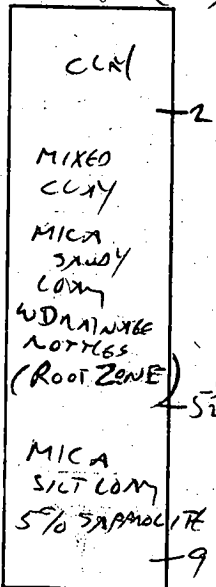
SOIL PROFILE



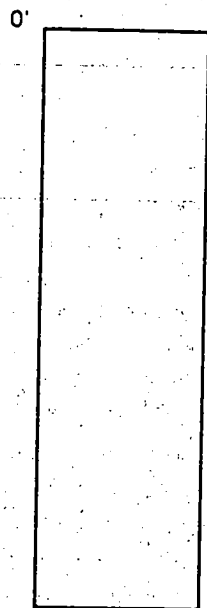
34-D



34E (NO#)



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/17/98	33C	V17	OK	3-11			✓
	34D	3 1/2	3:02	3:07	3:07	3:14	7 MIN
	34E	EDGE OF SLOPE					

REMARKS

TYPE OF SOIL

TESTED BY Cwellie

ALSO PRESENT SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

A 59946

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

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

ADDRESS 5301 BUCKEYSTOWN PIKE, SUITE 300
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PROPERTY LOCATION:

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ROAD AND DESCRIPTION JENNINGS CHAPEL ROAD, HOWARD COUNTY

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

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

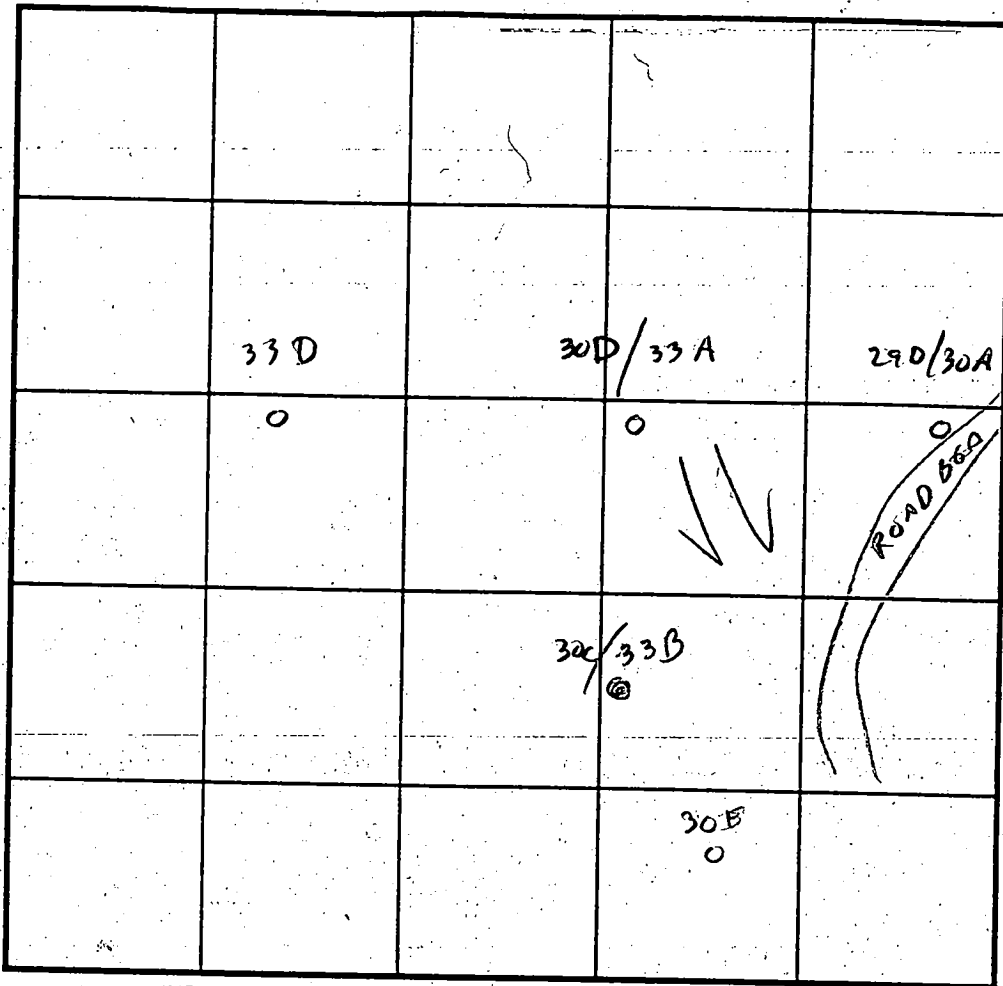
HOLD PENDING FURTHER TESTS _____

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
30 E (NOTE)

CLAY
2 1/2
TAN SANDY MICA LOAM
5% SAPPROLITE

29D/30A

CLAY
3
TAN SANDY MICA LOAM
5% SAPPROLITE

30D/33A

CLAY
3
YELLOW & REDDISH MICA SILT LOAM
11

SOIL PROFILE
30C/33B

CLAY
0
LIGHT (REDDISH) SILT LOAM
11

33D

CLAY
2
RED SANDY MICA LOAM
5% SAPPROLITE
11

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/17/78	✓ 30 E	2 1/2	2:45	2:47	2:47	2:50	3 MIN	
			IN SMALL SEWAGE (LOWEST) (HOLE ON PLAN)					
	✓ 29D/30A	3 1/2	2:47	2:50	2:50	2:54	4 MIN	
	✓ 30D/33A	3	2:50	2:52	2:52	2:55	3 MIN	
	✓ 30C/33B	3 1/2	2:55	2:57	2:57	2:59	2 MIN	
	✓ 33D	3	2:58	3:00	3:00	3:03	3 MIN	

REMARKS _____

TYPE OF SOIL _____

TESTED BY: C. Will ALSO PRESENT SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

LOT 10
49,998 sq. ft.

LOT 31
43,675 sq. ft.

LOT 30
40,308 sq. ft.

LOT 11
45,195 sq. ft.

LOT 29
42,295 sq. ft.

LOT 28
41,118 sq. ft.

LOT 13
48,717 sq. ft.

P. 105
Zoning RC-DEO

N60°53'28"E

419.98'

219.63'

LOT 27
685 sq. ft.

N 59°30'00"

E 1284.750'

RESERVED 8/25/99

LOT 28

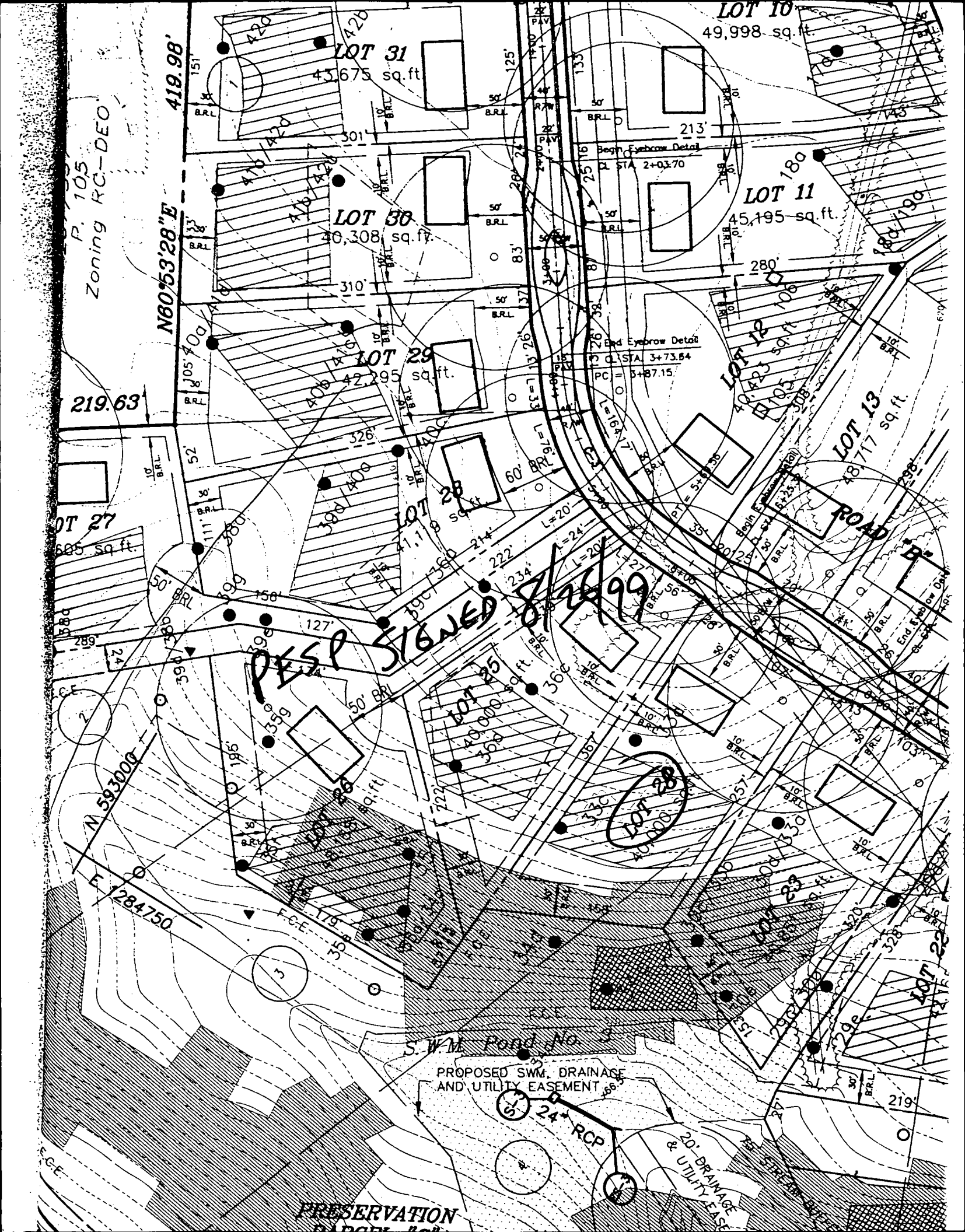
S.W.M. Pond No. 3

PROPOSED SWM, DRAINAGE
AND UTILITY EASEMENT

24' RCP

20' DRAINAGE
& UTILITY EASEMENT

PRESERVATION



PRESERVATION PARCEL "C"
NON-BUILDABLE

OWNER: HOWARD COUNTY, MD.
EASEMENT HOLDERS: HOMEOWNERS ASSOCIATION, INC.
TOTAL AREA: 357,329 SQ. FT. 8.2031 AC.

PUBLIC STORM WATER MANAGEMENT
ACCESS, DRAINAGE & UTILITY EASEMENT

PRESERVATION PARCEL "B"
OWNER: HOWARD COUNTY, MD.
EASEMENT HOLDERS: HOMEOWNERS ASSOCIATION, INC.
TOTAL AREA: 52,045 SQ. FT. 1.1909 AC.

LOT 26
48,168 Sq. Ft.
1.1058 Ac.

LOT 25
40,000 Sq. Ft.
0.9183 Ac.

LOT 24
40,157 Sq. Ft.
0.9219 Ac.

LOT 23
41,229 Sq. Ft.
0.9465 Ac.

LOT 22
47,163 Sq. Ft.
1.0968 Ac.

LOT 21
49,073 Sq. Ft.
1.1266 Ac.

LOT 28
9,358 Sq. Ft.

LOT 27
9,358 Sq. Ft.

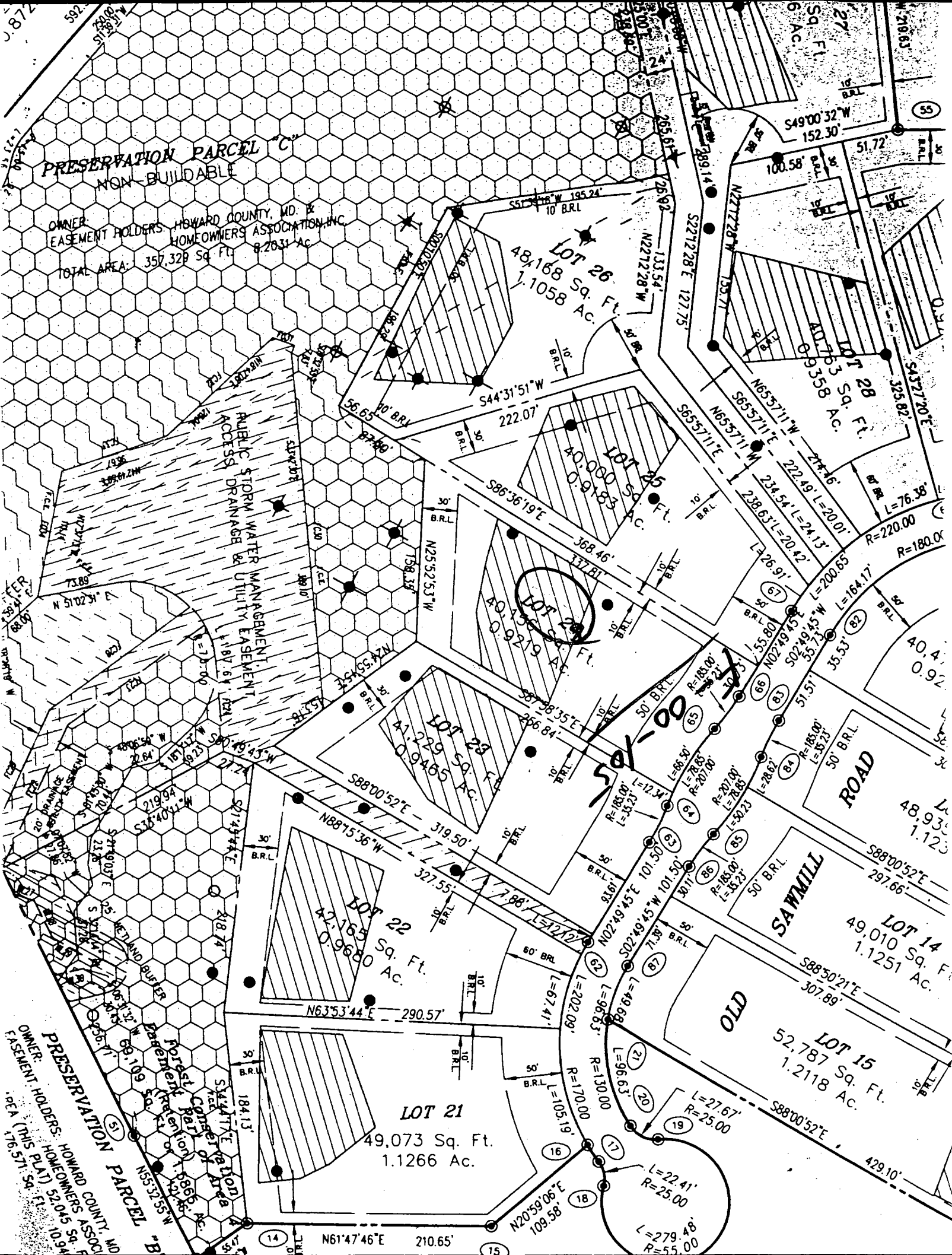
LOT 14
49,010 Sq. Ft.
1.1251 Ac.

LOT 15
52,787 Sq. Ft.
1.2118 Ac.

ROAD

SAWMILL

OLD



PRESERVATION PARCEL "C"
NON-BUILDABLE

TO BE RETAINED BY OWNER
EASEMENT HOLDERS: HOWARD COUNTY, MD. &
THE WESTWOODS OF CHERRY GROVE HOMEOWNERS ASSOCIATION, INC.
TOTAL AREA: 357,584 Sq. Ft. 8.2083 Ac.

Forest Conservation
Easement Area
(Retention) of 6,520.27 Ac.

STREAM BUFFER
EASEMENT

PUBLIC STORM WATER MANAGEMENT,
ACCESS, DRAINAGE & UTILITY EASEMENT

PRESERVATION PARCEL "B"
BUILDABLE
OWNER: HOWARD COUNTY, MD. &
EASEMENT HOLDERS: CHERRY GROVE HOMEOWNERS ASSOCIATION, INC.
TOTAL AREA: 394,310 Sq. Ft. 9.0521 Ac.

LOT 30
48,170 Sq. Ft.
1.1058 Ac.

LOT 28
40,104 Sq. Ft.
0.9207 Ac.

LOT 20
40,136 Sq. Ft.
0.9219 Ac.

LOT 21
40,881 Sq. Ft.
0.9385 Ac.

LOT 28
47,765 Sq. Ft.
0.9680 Ac.

LOT 25
49,073 Sq. Ft.
1.1266 Ac.

SANWILL

OLD

Building Address 16928 Old Sawmill Rd
Woodbine, MD 21797

Suite/Apt. #: _____ SDP/WP/Partition #: _____
 Census Tract 604002 Subdivision West Woods @ Cherry Grove

Section _____ Area _____ Lot 28

Tax Map 13 Parcel 341 Grid 15

Zoning RC Map Coordinates 844 Lot size _____

Property Owner's Name D & R Norton
 Address 1370 (Suite 230) Piccard Dr.
 City Rockville State MD Zip Code 20850
 Home Phone _____ Work Phone 440 2398
 Applicant's Name & Mailing Address, (if other than stated hereon): _____

Phone _____ Fax _____

Existing Use Single Family Home
 Proposed Use same
 Estimated Construction Cost \$ 2000

Description of Work Installation of 1000 gallon underground propane tank

Contractor Company United Propane Inc
 Contact Person Alice Carlett
 Address 104 W. Ridgeville Blvd
 City MD State MD Zip Code 21771
 License No. 01475
 Phone 301 879 2828 Fax 301 879 5394

Occupant or Tenant _____
 Contact Name _____
 Address _____
 City _____ State _____ Zip Code _____
 Phone _____ Fax _____

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

BUILDING DESCRIPTION - <u>COMMERCIAL</u>		BUILDING DESCRIPTION - <u>RESIDENTIAL</u>	
Building Characteristics	Utilities	Building Characteristics	Utilities
Height: _____	Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private	SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
No. of stories: _____	Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private	1st floor: _____ 2nd floor: _____ Basement: _____	Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>	Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input type="checkbox"/> Propane Gas <input type="checkbox"/>	Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input checked="" type="checkbox"/> Propane Gas <input type="checkbox"/>
Construction type: <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame <input type="checkbox"/> State Certified Modular	Sprinkler system: <u>N/A</u> <input type="checkbox"/> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression # of Heads _____	Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____ <input type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home	Sprinkler system: <u>N/A</u> <input type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R Other: _____

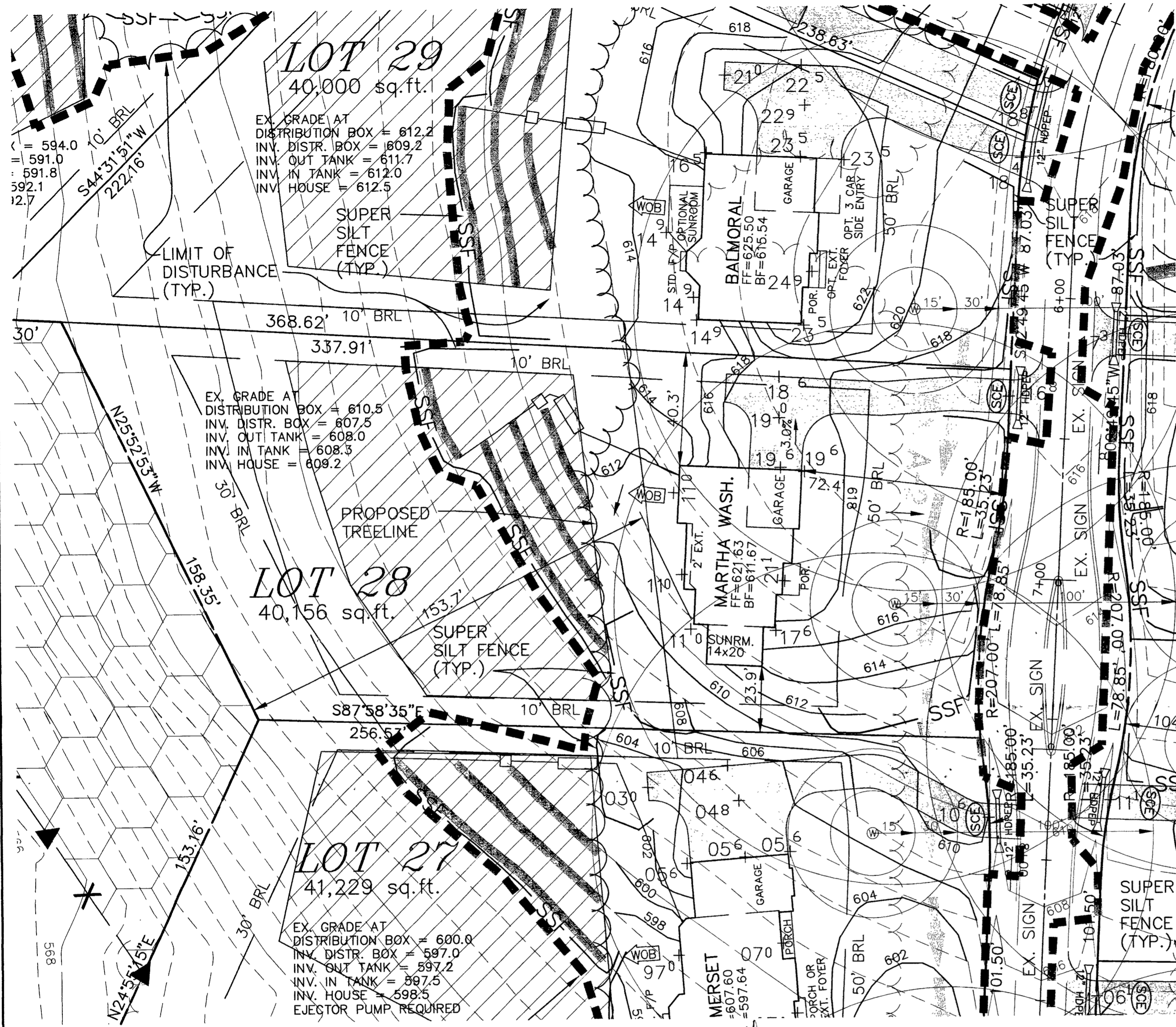
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERE TO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED 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 Master Gas Fitter
 Title/Company _____

Print Name Alice E Carlett Jr.
 Date 8/9/02

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
 ** PLEASE WRITE NEATLY AND LEGIBLY **
 - FOR OFFICE USE ONLY -

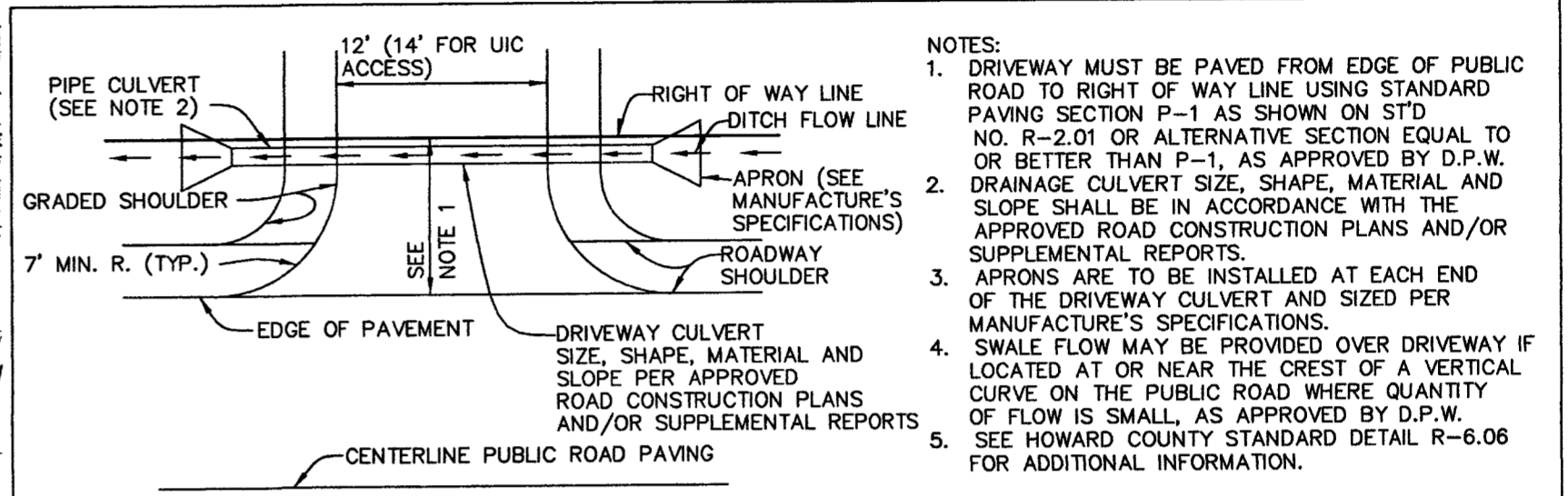
AGENCY	DATE	SIGNATURE APPROVAL	DPZ SETBACK INFORMATION	PROPERTY ID#
Land Development, DPZ			Front: _____ Rear: _____ Side: _____ Side St: _____	<u>73574</u>
State Highways			All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	Filing fee \$ <u>100</u>
Building Official			Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Permit fee \$ _____
Dev. Engineering, DPZ	<u>8-13-02</u>	<u>Karen Norman</u>	Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Excise tax \$ _____
Health			SDP/Red-line approval date _____	Add'l per. fee \$ _____
Fire Protection				TOTAL FEES \$ _____
Is Sediment Control approval required prior to issuance? YES <input type="checkbox"/> NO <input type="checkbox"/>				Sub-total paid \$ _____
CONTINGENCY CONSTRUCTION START <input type="checkbox"/>				Balance due \$ _____
ONE STOP SHOP <input type="checkbox"/>				Check # <u>51229</u>
				Validation # <u>9540</u>
				Accepted by <u>[Signature]</u>
Distribution of Copies: White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA				



3/27/02
ADDITION OF SUNROOM
OKAY.
No effects on SDA or well.
K6

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 AND BUILDING RESTRICTIONS 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 BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF SEPTIC LAYOUT AND INSPECTION.
- 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).



LEGEND

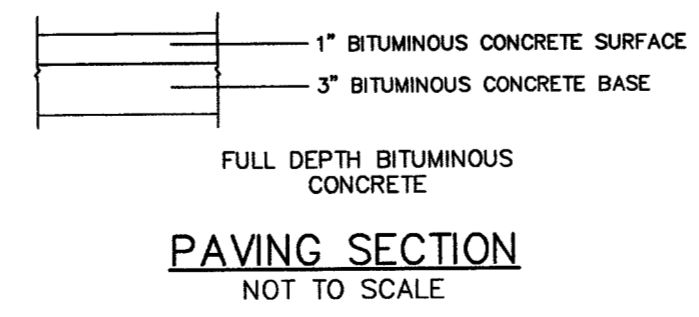
- LIMIT OF DISTURBANCE
- PROP. SILT FENCE
- PROP. SUPER SILT FENCE
- EX. EARTH DIKE
- PROP. EARTH DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EROSION CONTROL MATTING

NO.	DATE	REVISION

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-8105 ▲ FAX: 410-465-6644
EMAIL: benchmark@ccois.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 28	
LOCATION: 16928 OLD SAWMILL ROAD LISBON, 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: MARTHA WASHINGTON		DATE: FEBRUARY, 2002 MARCH, 2002	PROJECT NO. 1431
DESIGN: JMC	DRAFT: JTC	SCALE: 1" = 30'	DRAWING 1 OF 1



NOTE:

1. THIS DRAWING IS OF BENEFIT TO A CONSUMER ONLY INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
2. THE DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
3. THE DRAWING DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES. BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
4. ALL BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS SHOWN HEREON ARE IN APPROXIMATE RELATION TO THE APPARENT BOUNDARY LINES.
5. DECLARATION IS MADE TO ORIGINAL PURCHASER OF THE DRAWING. IT IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
6. DRAWING IS VALID ONLY WITH BLUE-INK SEAL AND SIGNATURE OF SURVEYOR.

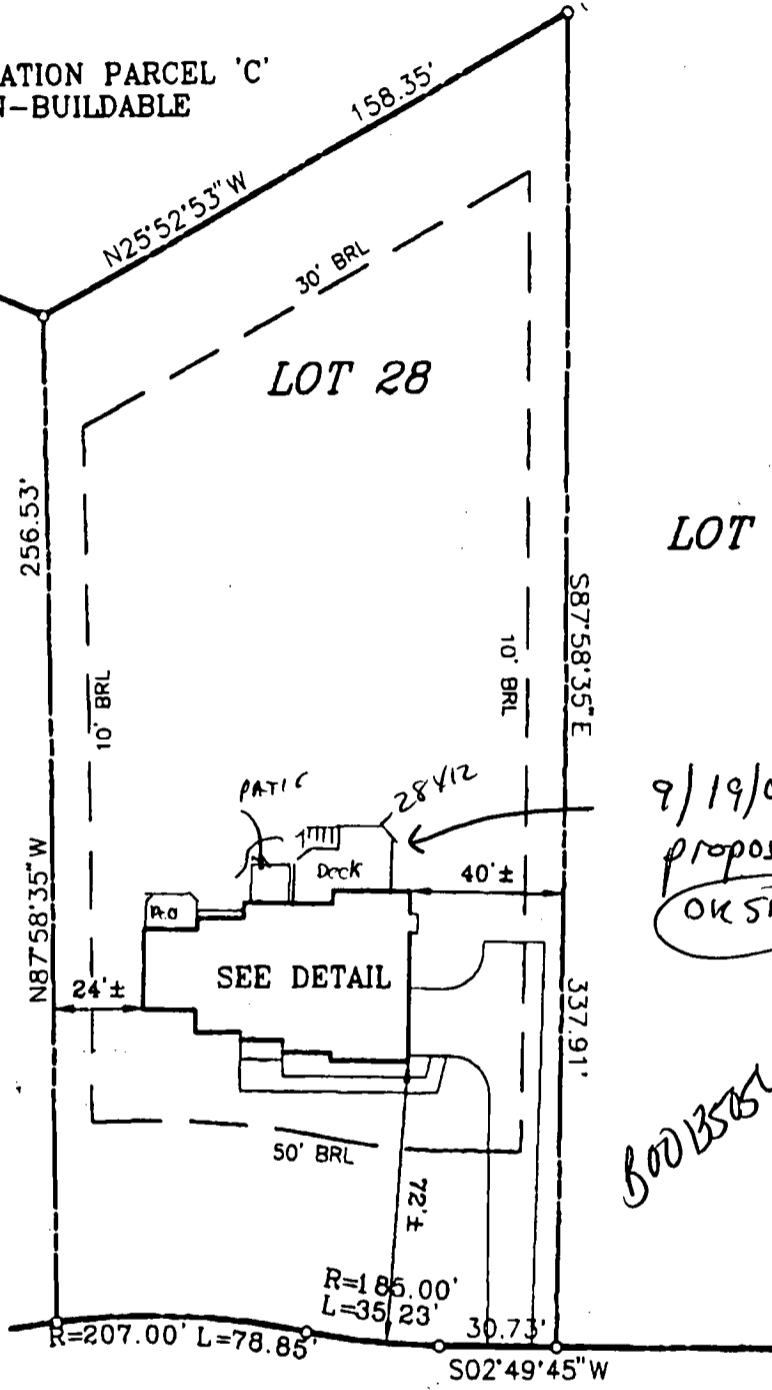
PRESERVATION PARCEL 'C'
NON-BUILDABLE



LOT 27

LOT 28

LOT 29



9/19/02
proposed deck
OK SRK

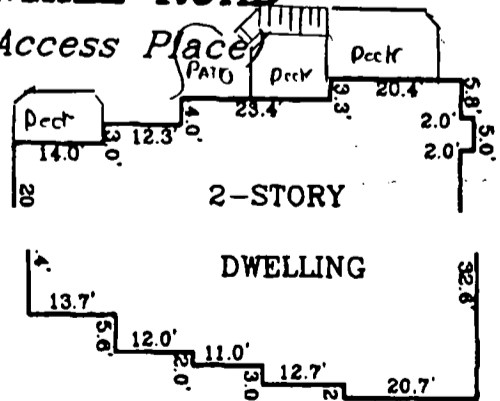
500135054

OLD SAWMILL ROAD

(Public Access Place)

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DWELLING(S) SHOWN ON THIS DRAWING LIES WITHIN THE LOT LINES SHOWN AS COMPILED FROM TITLE OR OTHER SOURCES. OTHER IMPROVEMENTS ARE FOR PICTORIAL PURPOSES ONLY. THIS DRAWING IS NOT A BOUNDARY SURVEY AND HAS BEEN PREPARED



DETAIL:

SCALE: 1" = 30'

LOCATION DRAWING
THE WESTWOODS OF
CHERRY GROVE
LOT No. 28

16928 OLD SAWMILL ROAD
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

EXCLUSIVELY FOR TITLE PURPOSES ONLY. PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.

David M. Harris
REG. No. 10978

RECORD PLAT No. 14810
FEMA FIRM No. 240044 0013 B
ZONE: C
DATED: 12/4/86

BENCHMARK
ENGINEERING, INC.

