

11-18/02  
11:00  
Layout  
1/30/02  
Final 1:00  
PM

04-365852

ISSUE DATE: 10/23/01

P 516090

APPROVAL DATE: 1/30/02

A 59947-C

# PERMIT INDEXED

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

Miller Excavating Co., Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS: 18115 Sellman Rd, 20842 PHONE NUMBER: \_\_\_\_\_

SUBDIVISION: The Westwoods @ Cherry Grove LOT NUMBER: 32

ADDRESS: 16912 <sup>old</sup> Sawmill Road PROPERTY OWNER: DR Horton Custom Homes BRADFORD

SEPTIC TANK CAPACITY (GALLONS): 1250 (TOPSEAM)

PUMP CHAMBER CAPACITY (GALLONS): N/A

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Begin trenches 140 feet up the right lot line and 50 feet off that same lot line as seen when facing the lot from Sawmill Road. Run trenches on contour in both directions.
NOTES:	<u>House Model Changed (4) 60's ? 10' CTE</u>

PLANS APPROVED: Amy Mc Millen OK SRK 7/13/01 DATE: 7-13-01

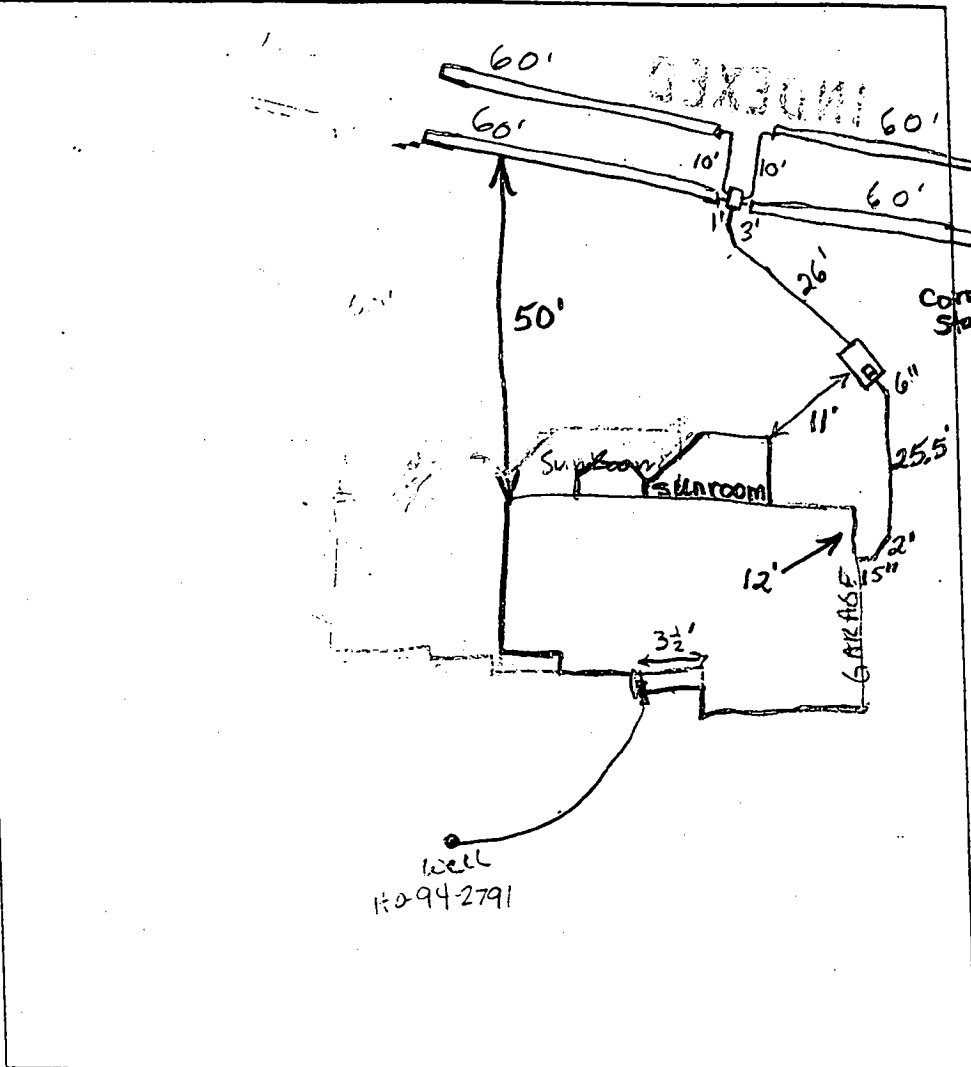
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

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 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

**BUILDING PERMIT SIGNED AND RETURNED**  
3-12-02  
B00134767-UG PROPANE TANK  
2/13/03 B00140319 DECK

A59947-C

NOT TO SCALE



TRENCH DATA	
TRENCH WIDTH	<u>3'</u>
TRENCH INLET DEPTH	<u>4'</u>
TRENCH BOTTOM DEPTH	<u>6'</u>
DEPTH OF STONE	<u>2'</u>
NUMBER OF TRENCHES	<u>4</u>
TOTAL TRENCH LENGTH	<u>240'</u>
ABSORBENT AREA	<u>720 sq ft</u>
DISTRIBUTION BOX LEVEL	<u>Yes</u>
BAFFLE IN DISTRIBUTION BOX	<u>Yes</u>

SEPTIC TANK DATA	
SEPTIC TANK	<u>1,500</u> GALLONS
MANHOLE RISER	<u>Yes</u>
6 INCH INSPECTION PORT	<u>No</u>
<b>PUMP CHAMBER DATA</b> <u>N/A</u>	
PUMP CHAMBER GALLONS	<u>                    </u>
MANHOLE RISER	<u>                    </u>
ALARM	<u>                    </u>
PUMP PERFORMANCE TEST	<u>                    </u>

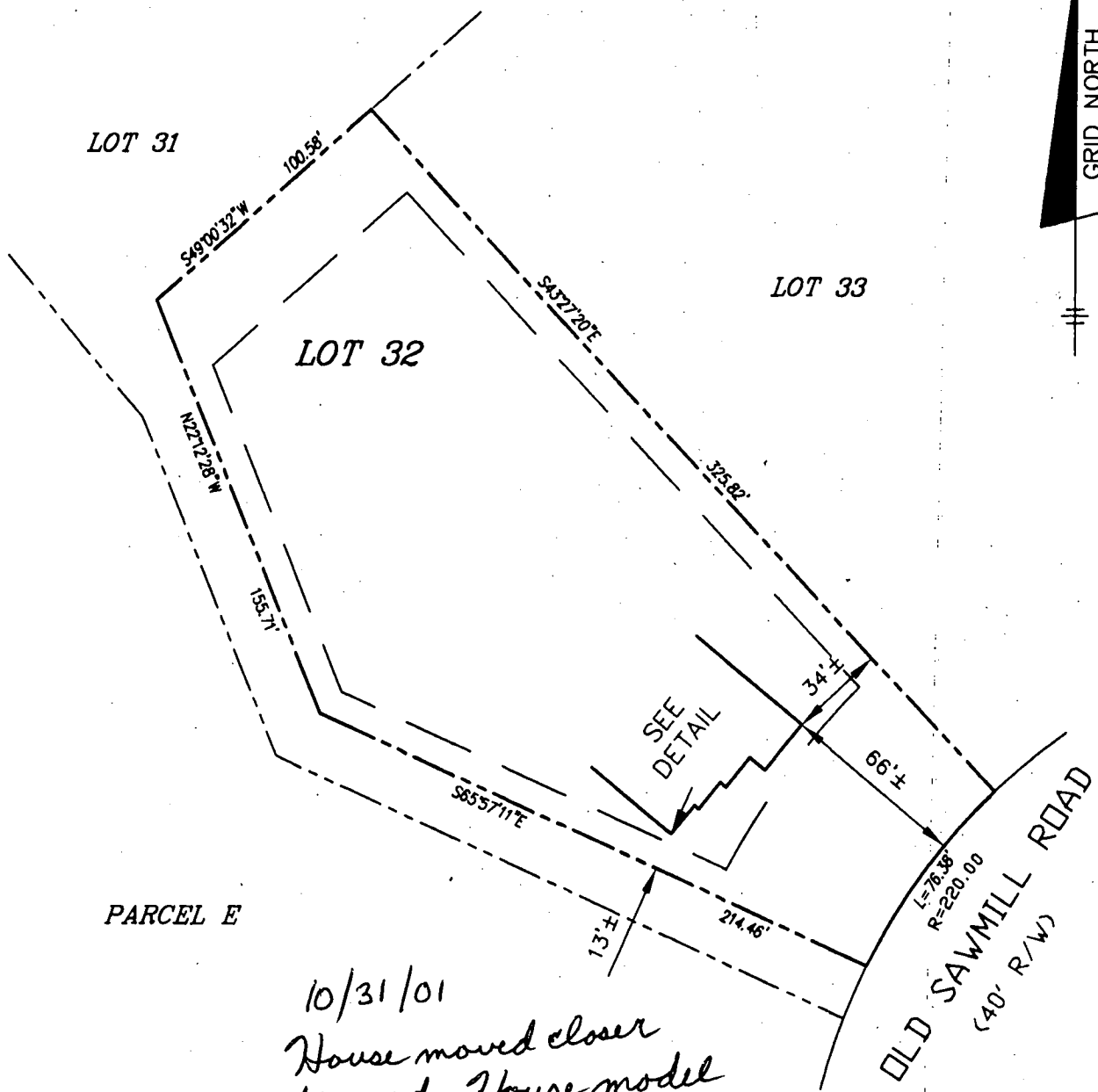
PRE-CONSTRUCTION INSPECTION: OLD SAWMILL Rd  
1/18/02 Change layout to (4) 60', 10' etc  
as shown on plat (50)

INSPECTION COMMENTS: 1/30/02 O.K. to cover (BB)

INSPECTOR B. Baker

DATE SYSTEM APPROVED 1/30/02

BUILDING DEPARTMENT

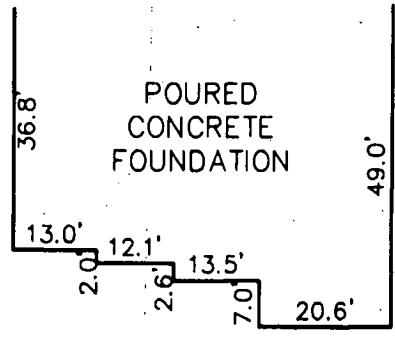


10/31/01  
House moved closer  
to road. House model  
changed. Probably not  
any effects on well or  
septic. (BB)

TOP OF FOUNDATION WALL ELEV. = 620.3'  
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 8/31/01; 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**

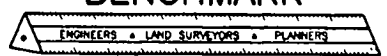
SCALE: 1" = 30'

NOTE: NO BACK WALL AT TIME OF SITE VISIT.

*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**



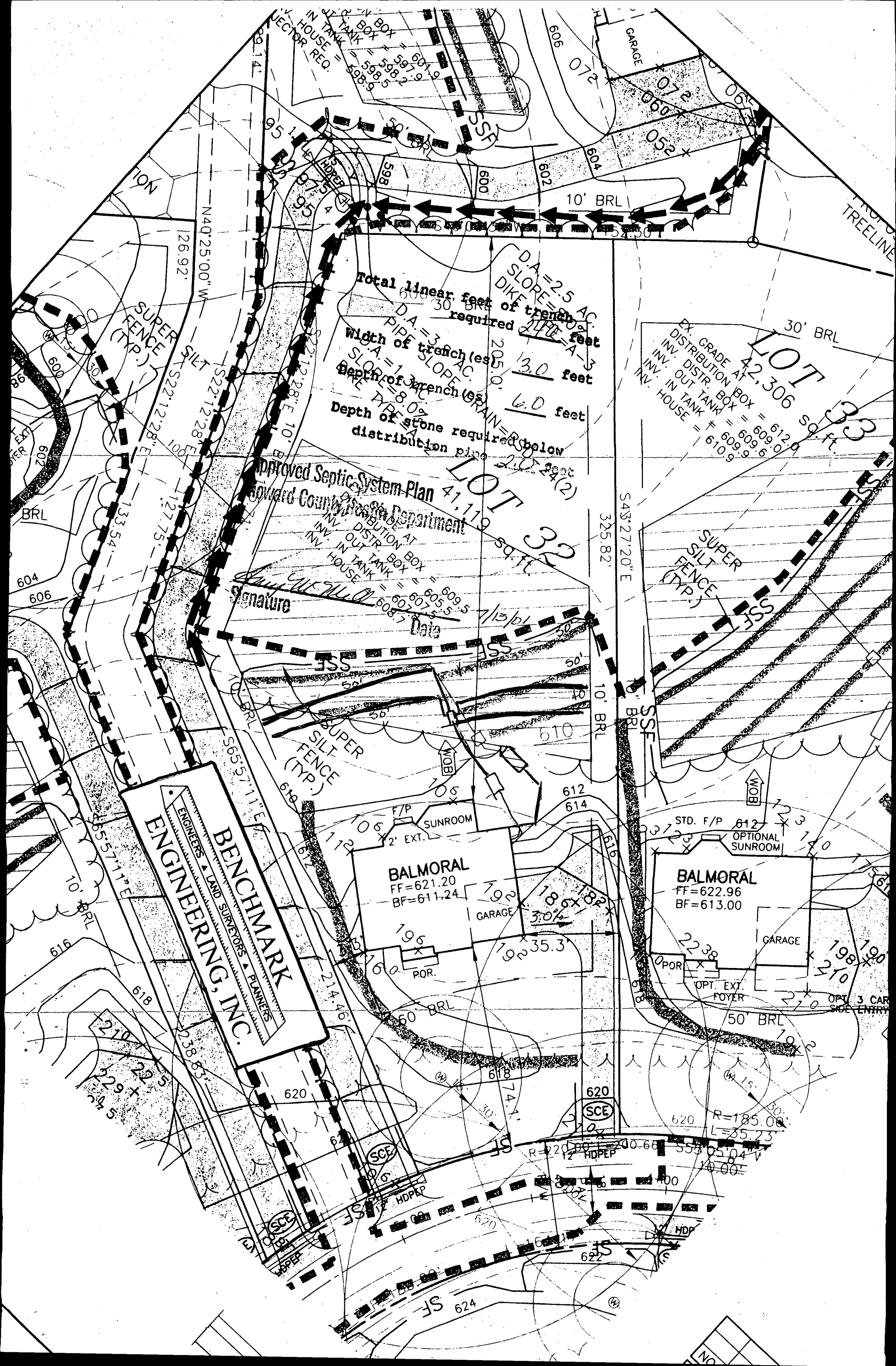
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
ELLCOTT CITY, MD 21043  
PHONE: 410-465-6105 FAX: 410-465-6644



**WALL CHECK**  
**THE WESTWOODS OF**  
**CHERRY GROVE**  
**LOT No. 32**

16912 OLD SAWMILL ROAD  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 60' DATE: 8/31/01



Total linear feet of trench required 247.0 feet  
D.A. = 3.0 AC  
SLOPE = 2.5%  
DIKE = 1.0%  
Width of trench (est) 3.0 feet  
D.A. = 1.0 AC  
SLOPE = 1.0%  
Depth of trench (est) 6.0 feet  
Depth of stone required below distribution pipe 2.0 feet

Approved Septic System Plan  
Toward County Health Department  
Signature: *[Signature]*  
Date: 7/13/01

ENGINEERS • LAND SURVEYORS • PLANNERS  
**BENCHMARK ENGINEERING, INC.**

BALMORAL  
FF=621.20  
BF=611.24

BALMORAL  
FF=622.96  
BF=613.00

LOT 33  
42,306 sq. ft.  
EX. GRADE AT DISTRIBUTION BOX = 612.9  
INV. OUT TANK = 609.6  
INV. IN TANK = 609.6  
INV. HOUSE = 610.9

620  
R=185.00  
L=85.23

210  
225  
229  
245

OPT. EXT. FOYER  
OPT. 3 CAR SIDE ENTRY

HDPEP  
12"  
10.00

NO

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS  
 3430 COURT HOUSE DRIVE  
 ELLICOTT CITY, MD 21043  
 PERMITS (410) 313-2455 INSPECTIONS (410) 313-1810  
 AUTOMATED INFORMATION (410) 313-3800

# HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER

**300131385**

Building Address: **16912 ~~Old~~ Sawhill Rd.**  
**Woodbine ~~Delaware~~, MD 21797**  
 Suite/Apt. #: \_\_\_\_\_ SDP/WP/Petition #: \_\_\_\_\_  
 Census Tract: **6040** Subdivision: **Westwood of Cherry Groves**  
 Section: \_\_\_\_\_ Area: \_\_\_\_\_ Lot: **32**  
 Tax Map: **13** Parcel: **46** Grid: **15**  
 Zoning: **RC** Map Coordinates: **855** Lot size: \_\_\_\_\_

Property Owner's Name: **D. R. Horton, Inc.**  
 Address: **1370 Piccard Dr., St. 230**  
**Rockville, MD 20850**  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Home Phone: \_\_\_\_\_ Work Phone: **301-670-6144**  
 Applicant's Name & Mailing Address, (if other than stated hereon):  
**Victoria Meyer**  
**Maryland Bldg. Permits, Inc.**  
 Phone: **410-602-8779** Fax: \_\_\_\_\_

Existing Use: **vacant lot**  
 Proposed Use: **single family dwelling**  
 Estimated Construction Cost: \$ **200,000**  
 Description of Work: **Balsoral w/Sunrm. Fin. lower level**  
**2 story 1 1/2 bath 12 R. 3 1/2 BA. 1 1/2**  
**FIP SUNRM - (CNC) (1011)**

Contractor Company: **D. R. Horton, Inc.**  
 Address: **1370 Piccard Dr., St. 230**  
**Rockville, MD 20850**  
 Contact Person: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 License No.: \_\_\_\_\_  
 Phone: **301-670-6144** Fax: \_\_\_\_\_

Occupant or Tenant: **see owner**  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Engineer or Architect Company: **Benchmark Engineer**  
 Contact Person: **8480 Balto. Nat'l Pk.**  
**Elliott City, MD 21043**  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: **410-465-6105** Fax: \_\_\_\_\_

**BUILDING DESCRIPTION - COMMERCIAL**

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

**BUILDING DESCRIPTION - RESIDENTIAL**

Building Characteristics	Utilities
SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth: _____ Width: _____ 1st floor: _____ 2nd floor: _____ Basement: _____ Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms: _____ Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____ Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____ State Certified Modular <input type="checkbox"/> Manufactured Home <input type="checkbox"/>	Water Supply: _____ Public <input type="checkbox"/> Private <input checked="" type="checkbox"/> Sewage Disposal: _____ Public <input type="checkbox"/> Private <input checked="" type="checkbox"/> Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/> Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas <input type="checkbox"/> Sprinkler system: <b>N/A</b> <input type="checkbox"/> NFA #13D <input type="checkbox"/> NFA #13R <input type="checkbox"/> Other: _____

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: **V. Meyer**  
 Title/Company: **Agent**

Print Name: \_\_\_\_\_  
 Date: **7/13/01**

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

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ	<b>7/13/01</b>	<b>[Signature]</b>
Health		
Fire Protection		
Sediment Control approval required prior to issuance?		
YES <input type="checkbox"/> NO <input type="checkbox"/>		

**DPZ SETBACK INFORMATION**

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

**PROPERTY ID#** **501145**

Filing fee	\$ <b>100</b>
Permit fee	\$ _____
Excise tax	\$ _____
Sub-total paid	\$ _____
Add'l permit fee	\$ _____
TOTAL FEES	\$ _____
Balance due	\$ _____
Check # <b>1401410</b>	<b>469</b>
Validation # <b>45516</b>	

Accepted by: **[Signature]**

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

08/01  
WPF signature

6/27/02  
AM

3/12/02  
Anytime

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: Best Pump Inc Telephone #: 301 428 3501  
Address: 23407 Frederick Rd  
Thalassery, Md 2087

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Kendal Junior Powers License# 19637  
\*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.H. Horton Jr Telephone #: 5016 206 144  
Subdivision: Woodlands of Cherry Creek Lot #: 32 Well Tag #: HO-94-2791  
Site Address: 16912 Old Sawhill Rd  
Waldorf, Md

**Submersible Pump Data**      **Pitless Adapter**      **Well Cap and Electric Conduit**  
Make: Gold      Make: Campbell      Two piece watertight cap:     
Model #:         Model#:         Screened, vented well cap:     
Pump Capacity 1 1/2 GPM      Depth: 42 (36" min)      Cap secured to casing:     
Well Yield: 14 GPM      NSF approved:         Conduit min 18" B.G.:     
Depth of well encountered at time of pump installation: 385 (feet)      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 or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt   

**Piping to house**      **House Connection**  
Type: 1.5" PVC      PVC sleeved to undisturbed soil at wall penetration:     
PSI: 200 (160 psi min)      Approximate length of sleeve:     
Depth of supply line: 36 (36" min)      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: 9/28/01

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

Date Insp. Requested: 10/1/01      Date Insp. Approved: 7/11/02 (KG)  
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   

Called @ 10:30  
Bert  
3/14/02  
about  
conduit  
line (KG)  
- attached yes but  
Secure Both  
Cap pieces  
tighter than  
they are

7/11/02  
CONDUIT  
OK

3/12/02  
Conduit pipe  
broken above  
grade. CAP IS OK (KG) 1:00pm  
MEASURE CORNER OF HOUSE TO WELL

At later date. (KG) - Craig said pump  
inst. tomorrow

6/27/02 Conduit still broken (KG)





# 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  
WOORINE, 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

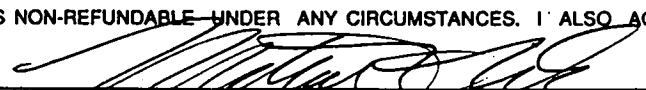
PROPERTY LOCATION:

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 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 #

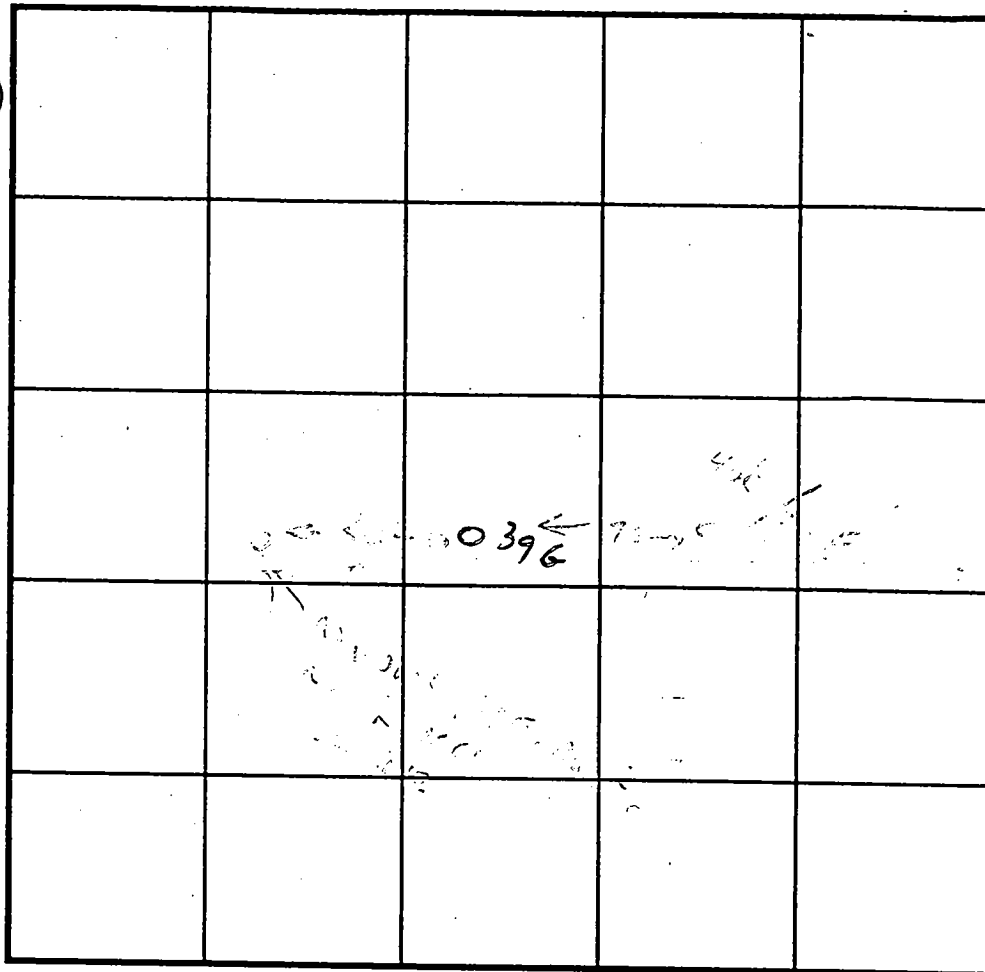
SOIL PROFILE

396 (No#)

CLAY  
 4  
 RED  
 ORANGE  
 SAND  
 SILT  
 COAR  
 11 1/2

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/17	396	4'	3:40	3:43	3:43	3:48	5 MIN

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY C. Williams ALSO PRESENT SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

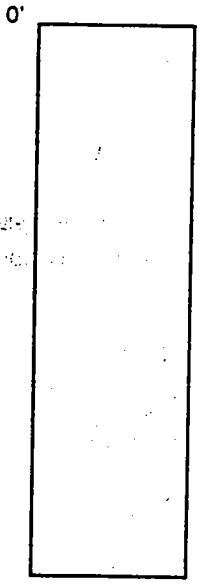
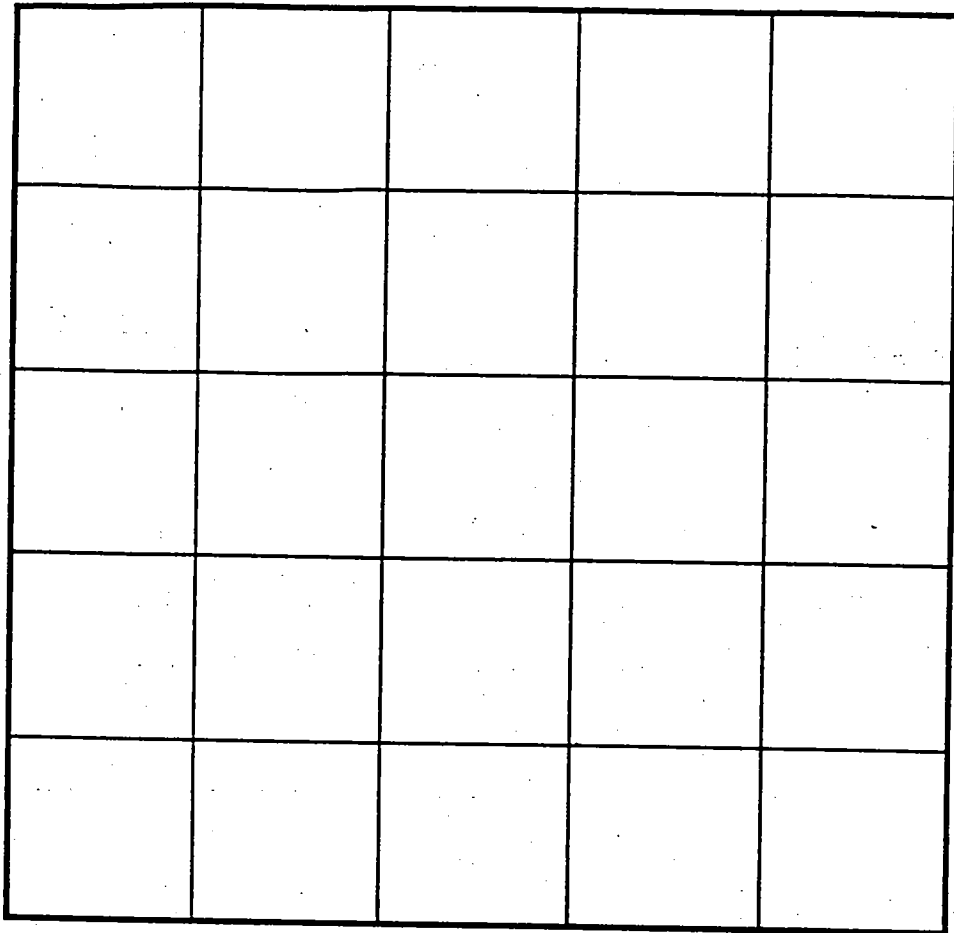
NICHOLS SUBD.

A 59946

COUNTY #

SOIL PROFILE  
40C/39F

SOIL PROFILE



0'  
3 1/2'  
12'

YELLOW  
Brown  
CLAY

LT TAN  
MICA  
SILT  
LOAM

41C/40B

CLAY

MICA  
SILT  
LOAM

10' 1/2

SANDY

42C/41B

CLAY

YELLOW  
Brown  
SILT  
LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/15/98	40C	3 1/2	3:08	5:00			
		4	3:27	3:45	3:45	4:10	25 MIN
	41C/40B	3 1/2	3:11	3:16	3:16	3:23	7 MIN
	42C/41B	3 1/2	3:12	3:17	3:17	3:22	5 MIN

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Cwill ALSO PRESENT SKMP

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 12  
40,235 sq. ft.

LOT 13  
48,717 sq. ft.

LOT 27  
685 sq. ft.

LOT 25  
40,800 sq. ft.

LOT 24  
40,000 sq. ft.

LOT 22  
40,000 sq. ft.

P. 105  
Zoning RC-DEO

DESIGNED  
219.63  
8/26/99

N60°53'28"E

418.98'

N 59°30'00"

E 128°47'50"

Begin Eyebrow Detail  
CL STA 2+03.70  
End Eyebrow Detail  
CL STA 3+73.64  
PC = 5+87.15

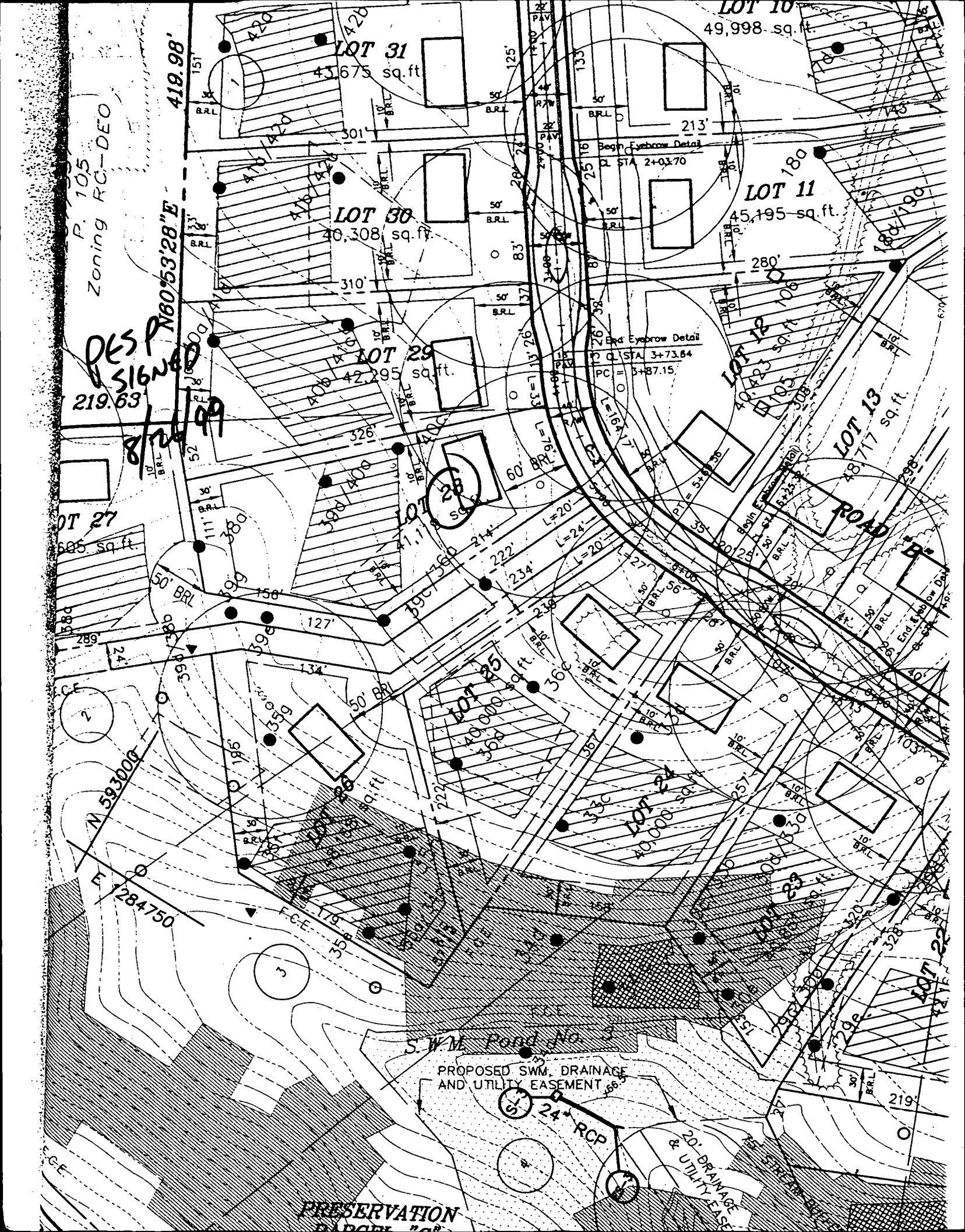
S.W.M. Pond No. 3

PROPOSED SWM, DRAINAGE  
AND UTILITY EASEMENT

RCP

20' DRAINAGE  
& UTILITY EASEMENT

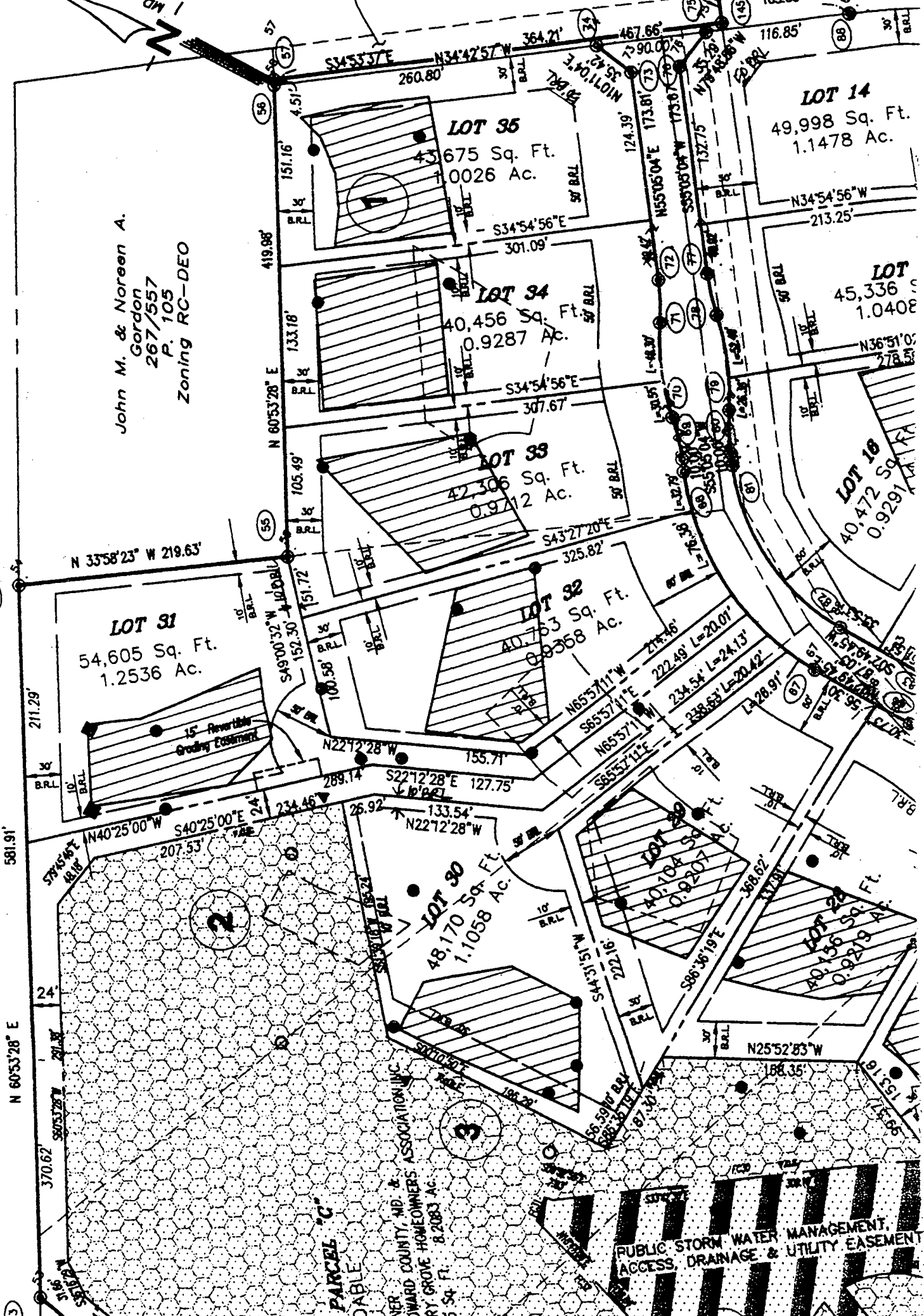
PRESERVATION  
AREA





F-01-105

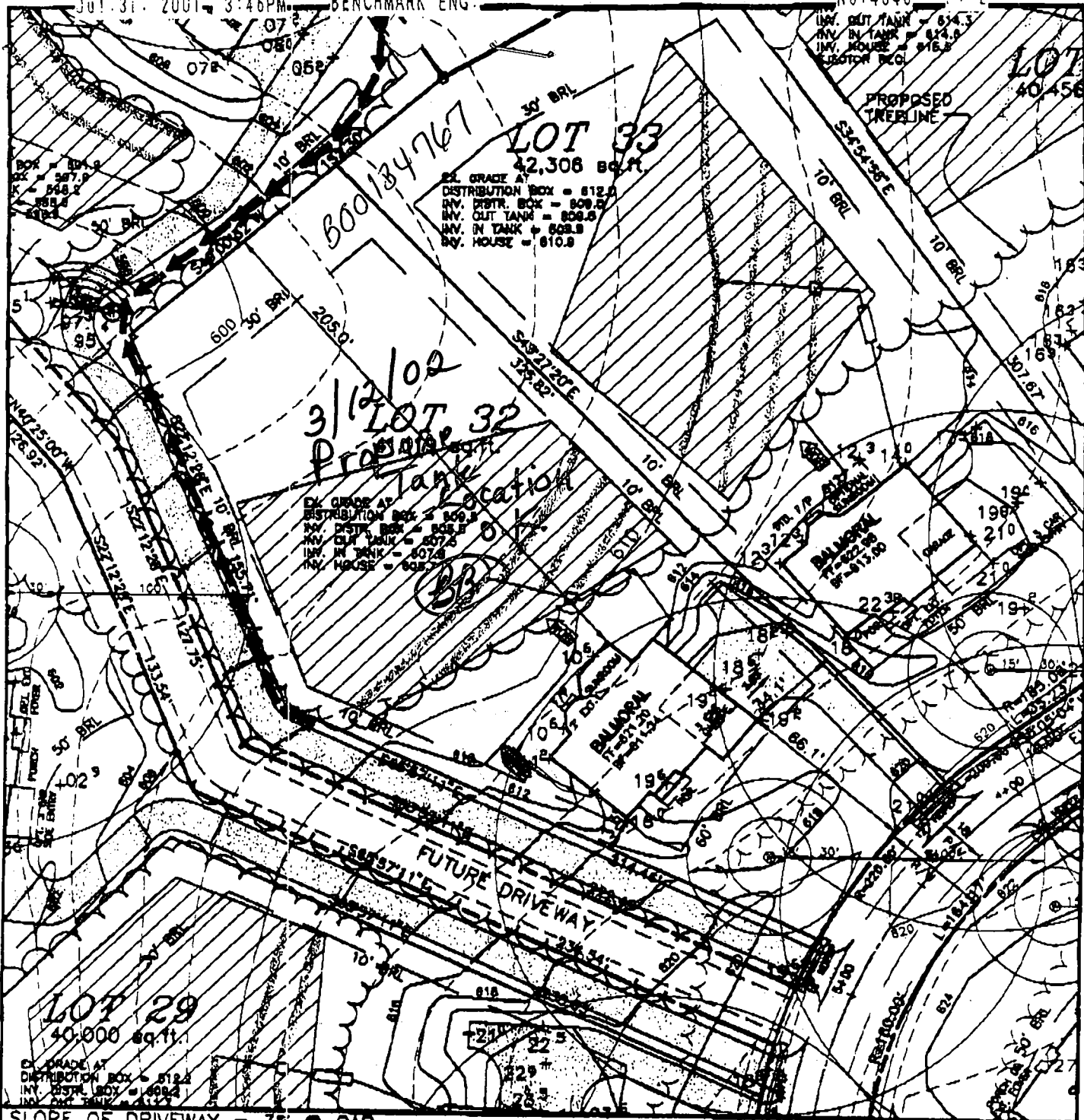
John M. & Noreen A. Gordon  
267/557  
P. 105  
Zoning RC-DEO



I MD. ST. 1

Jul 31, 2001 3:46PM BENCHMARK ENG.

No. 4040 P. 2



SLOPE OF DRIVEWAY = 3% @ GAR.  
 NUMBER OF RISERS IN GAR. = 3  
 NUMBER OF RISERS ON LEAD WALK = 3

**BENCHMARK**  
 ENGINEERING, INC.

*MR*  
 8/1/01

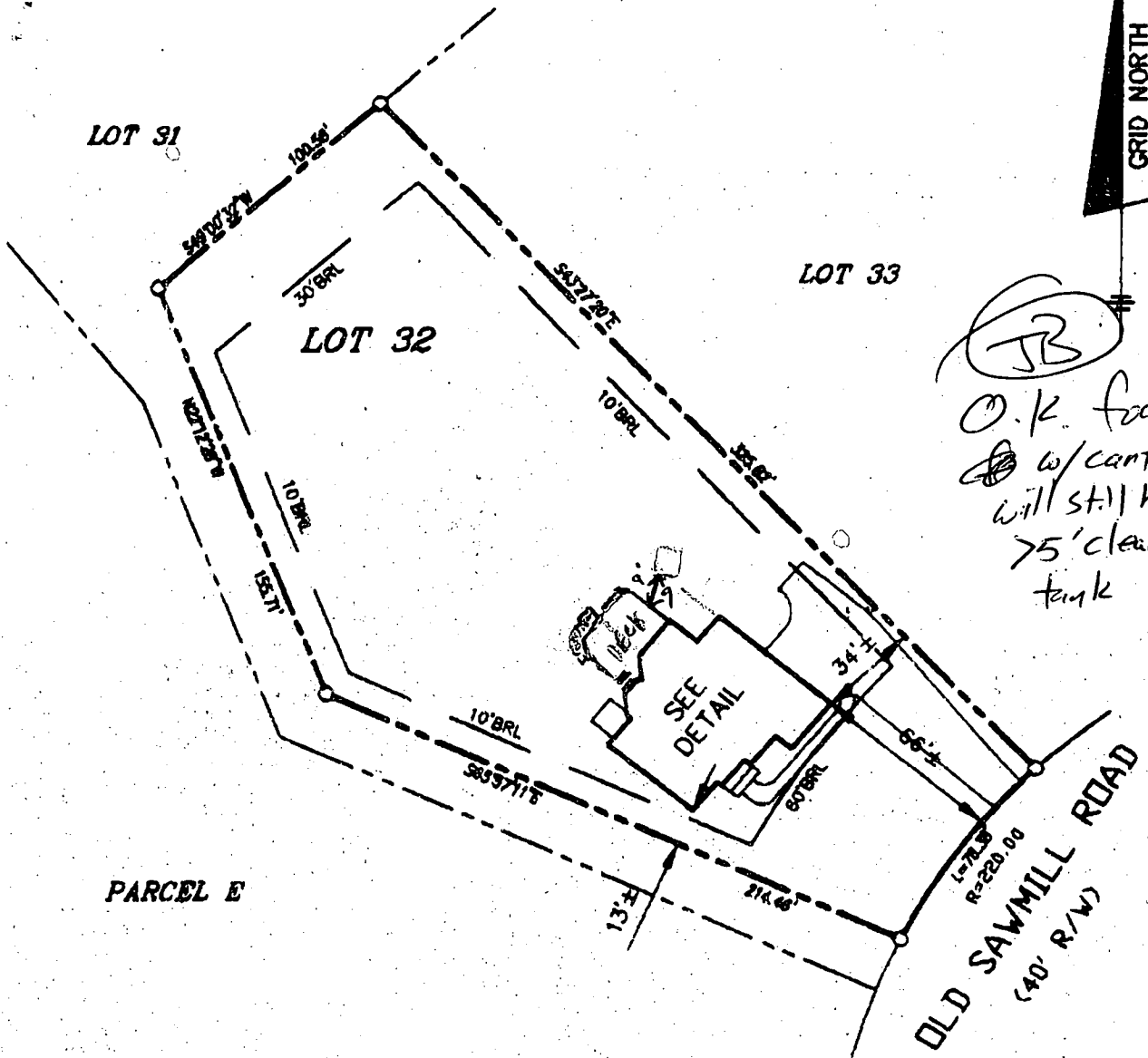
**THE WESTWOODS AT  
 CHERRY GROVE  
 LOT 32**

FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50' DATE: 5/9/01  
 REVISION DATE: 5/14/01 & 7/31/01

8480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELICOTT CITY, MD 21043  
 PHONE: 410-465-6105 FAX: 410-465-6544

\\to\coll\engineer\projects\1\31\dwg\807202SC.dwg. LOT 32, 07/31/2001 03:11:27 PM JMC

16912 Old Sawmill Rd



PARCEL E

**SURVEYOR'S CERTIFICATE**

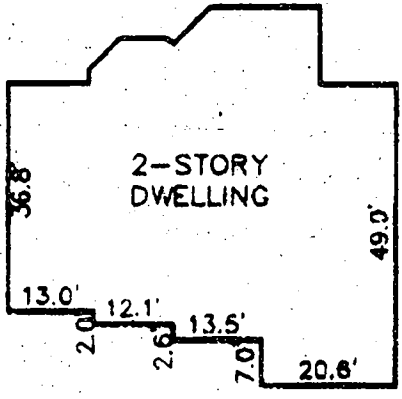
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DWELLING(S) SHOWN ON THIS DRAWING LIES WITHIN THE LOT LINES SHOWN AS COMPILED FROM TITLE OR OTHER SOURCES. OTHER IMPROVEMENTS ARE FOR PICTORIAL PURPOSES ONLY. THIS DRAWING IS NOT A BOUNDARY SURVEY AND HAS BEEN PREPARED EXCLUSIVELY FOR TITLE PURPOSES ONLY. PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.

*James M. Surse*  
 REG. No. 10978

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

**BENCHMARK**  
**ENGINEERING, INC.**

6480 BALTIMORE NATIONAL PIKE SUITE 418  
 ELLICOTT CITY, MD 21043  
 PHONE: 410-485-8105 FAX: 410-485-8844



DETAIL  
 SCALE: 1" = 30'

**LOCATION DRAWING**  
**THE WESTWOODS OF**  
**CHERRY GROVE**  
 LOT No. 32

16912 OLD SAWMILL ROAD

4TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 60' DATE: 08/23/02