

LAYOUT 2/12/03 11AM INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 2/4/2003

APPROVAL DATE: 2/21/03

**PERMIT
INDEXED**

04-365887

P 518533
A 49957-G

**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 PHONE NUMBER: 301-349-4400

SUBDIVISION: Westwoods of Cherry Grove LOT NUMBER: 35

ADDRESS: 16900 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

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:	Show distribution box 149 feet down left property line and 10 feet into the property line as shown on plan.
NOTES:	Ejector pump required for basement service. Install 3-80' trenches on contour with 12' centers or 9' edge-to-edge.

PLANS APPROVED: John Boris *OK 1/2/03*  DATE: 9/11/2002

- 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 UNLESS SPECIFICALLY AUTHORIZED

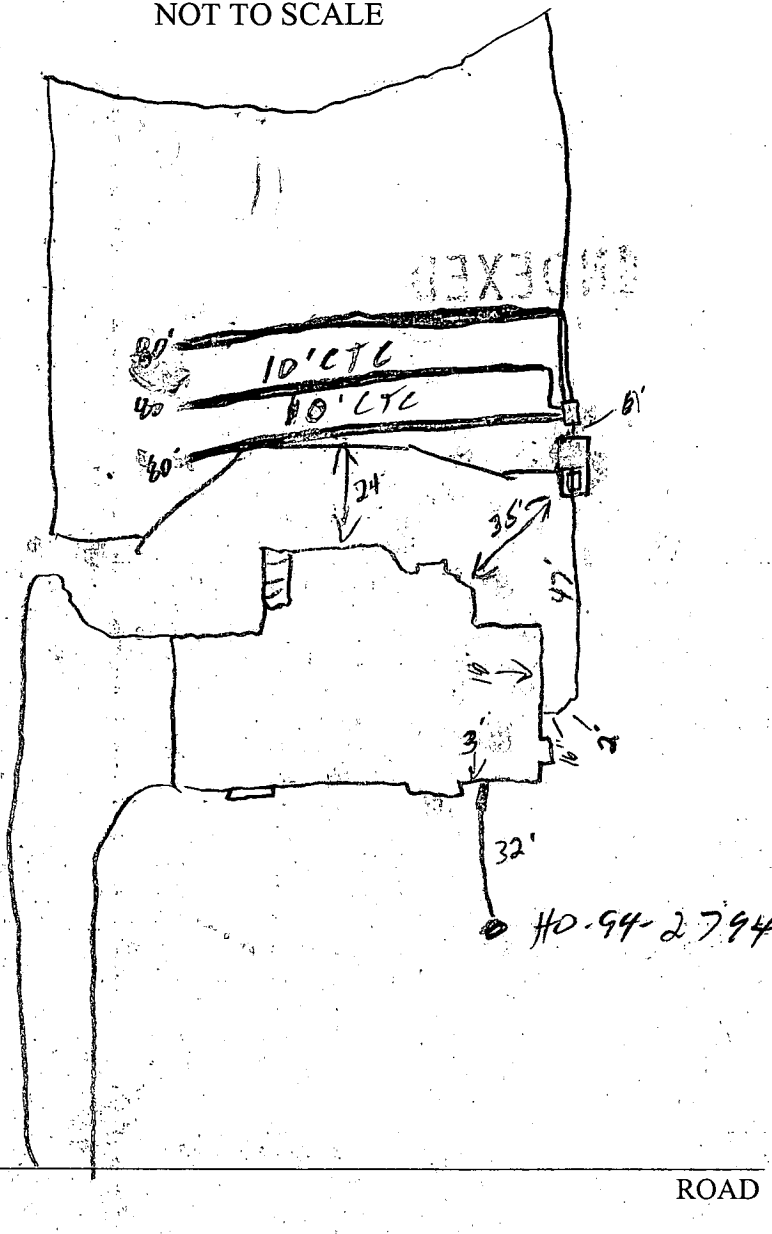
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT BUILDING PERMIT SIGNED 301-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

AND RETURNED

4-21-03 BUD141213-06 PROPANE TANK

449957-5

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6"
NUMBER OF TRENCHES		3
TOTAL LENGTH		240'
ABSORPTION AREA		720 sq
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input type="checkbox"/>

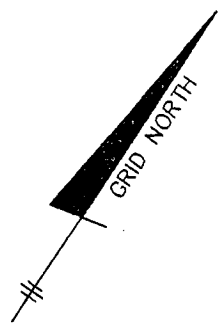
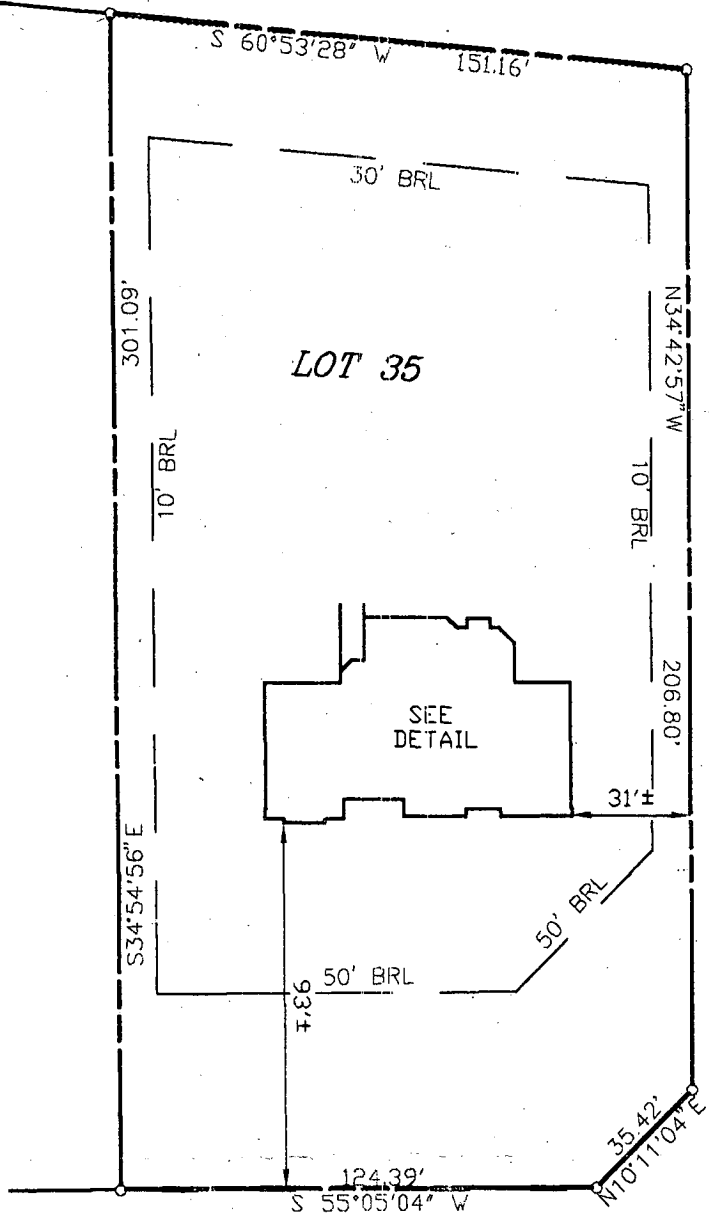
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Front
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST <input type="checkbox"/>	
SEPTIC TANK 2 LEVEL <input type="checkbox"/>	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	N/A
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST <input type="checkbox"/>	

PRE-CONSTRUCTION 2/12/03 House can change to other side of house, D.B & trenches will move to right side of SRASO

INSTALLATION 2/21/03 DX to cover all work (SO)

FINAL INSPECTOR [Signature]

BUILDING PERMIT SIGNED AND RETURNED 2/21/03
 DATE OF APPROVAL 2/21/03



LAND PREVIOUSLY DEDICATED TO HOWARD COUNTY, MD. FOR THE PURPOSE OF A PUBLIC ROAD. L.2929 F.159 PLAT NO. 10786

JENNINGS CHAPEL ROAD
(LOCAL ROAD)

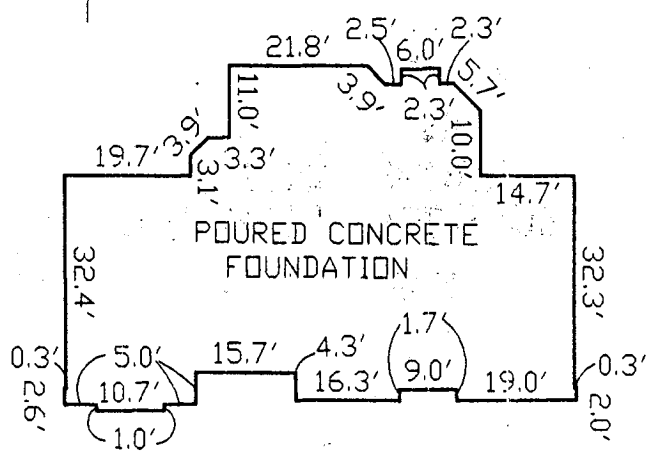
*2/4/03
House location
consistent with approved
B.P. plan. House raised
1'-1.5" O.K. to issue
septic permit.
BB*

OLD SAWMILL RD
(Public Access Place)
(40'R/W)

FIRST FLOOR ELEVATION = 625.3'
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 11/26/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY RODGERS & ASSOCIATES, INC. 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. 24004410013 B
ZONE: C
DATED: 12/04/86



BENCHMARK
ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE A SUITE 418
BLUCOTT CITY, MARYLAND 21043
phone: 410-465-6105 A fax: 410-465-6644
email: Benchmark@oasis.com

WALL CHECK
THE WESTWOODS OF CHERRY GROVE
LOT No. 35

16990 OLD SAWMILL ROAD
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 11/26/02

PROPOSED NEW SEPTIC FIELD
10,004 SF

LOT 35
43,675 sq. ft.

EX. GRADE AT DISTRIBUTION BOX = 618.7
INV. DISTR. BOX = 611.7
INV. OUT TANK = 615.1
INV. IN TANK = 615.4
INV. HOUSE = 615.8
EJECTOR REQ.

Total linear feet of trench required 240 feet

Width of trench (as) 3 feet

Depth of trench (as) 6 feet

Depth of trench required based on distribution pipe (TYP.) 2

SILT FENCE (TYP.)

Standing Bus Pad 15' x 20'

SUNROOM
AREAWAY
ENGLISH BASEMENT
SOMERSET
FF=624.96
BF=615.00

GARAGE

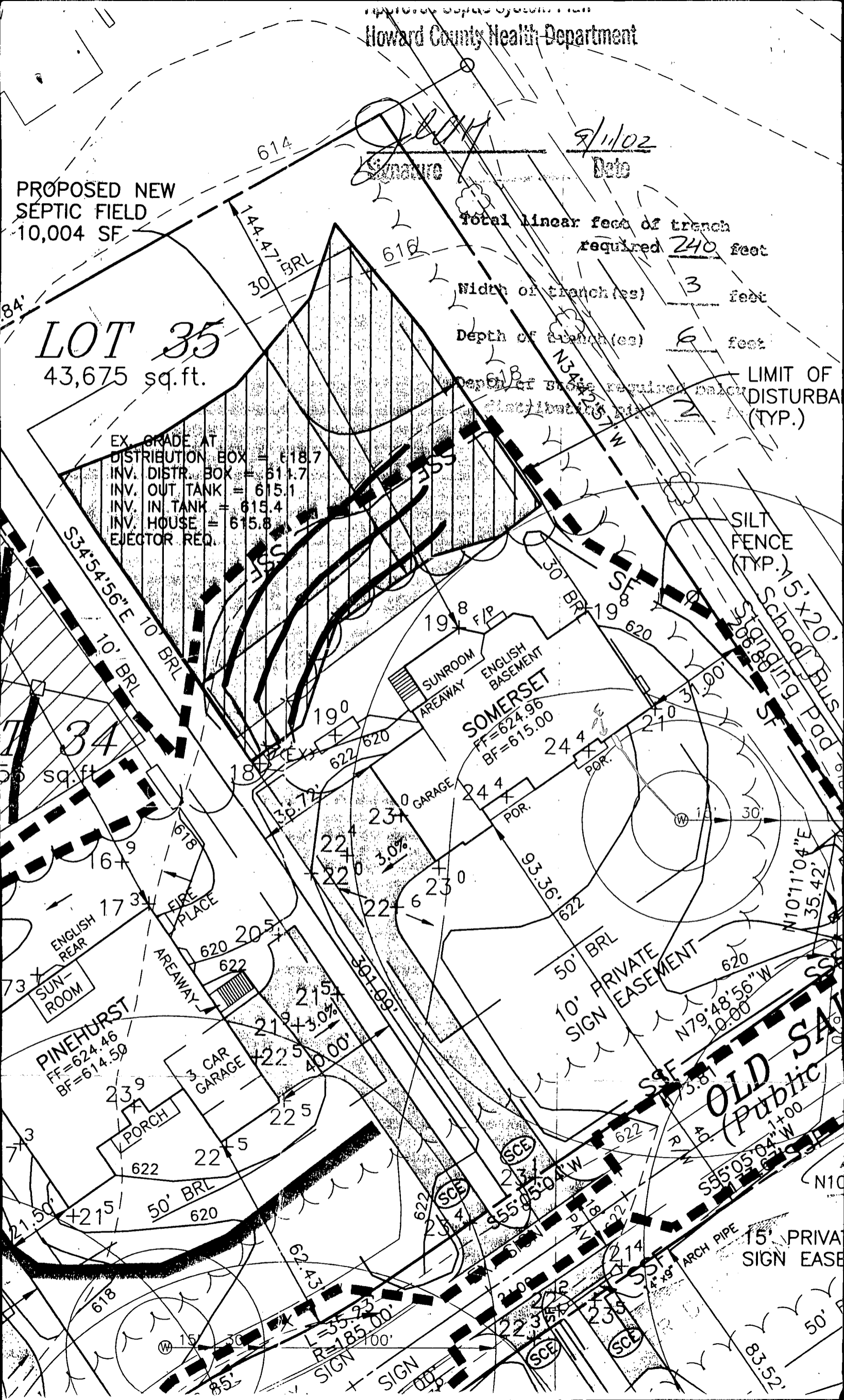
PINEHURST
FF=624.46
BF=614.50

3 CAR GARAGE

50' BRL
10' PRIVATE SIGN EASEMENT

OLD SA...
(Public)

15' PRIVATE SIGN EASEMENT



Building Address <u>16900 Old Sawmill Road</u> <u>Woodbine Md 21797</u>	Property Owner's Name <u>D.R. Horton Inc</u> Address <u>1370 Picard Drive #230</u> City <u>Rockville</u> State <u>MD</u> Zip Code <u>20850</u>
Suite/Apt. #: _____ SDP/WP/Petition #: _____ Census Tract <u>000.20</u> Subdivision <u>WILLOWOODS CE</u> <u>CHERRY CREEK</u> Section _____ Area _____ Lot <u>25</u> Tax Map <u>13</u> Parcel <u>34</u> Grid <u>115</u> Zoning <u>RCDEU</u> Map Coordinates <u>9A4</u> Lot size <u>1.00Ac</u>	Home Phone _____ Work Phone <u>301-670-6144</u> Applicant's Name & Mailing Address, (if other than stated hereon): <u>Louis C. Smith - Rapid Permit</u> <u>7711 Garrison Road</u> <u>Landover Hills, MD 20782</u> Phone <u>301-731-2767</u> Fax <u>301-731-5748</u>

Existing Use <u>VALENT LOT</u> Proposed Use <u>SFD</u> Estimated Construction Cost \$ <u>100,000</u> Description of Work <u>CONSTRUCT SWERVE AREA A</u> <u>WITH 3 CAR. SIDE ROAD DR. WITH FULL BASEMENT</u> <u>LL. BEL. ROOM & BATH & C. ARTS ROOM & 2' ELEM</u> <u>ROOM FEAT. A P. IN ELEM ROOM - ENGLISH CROWN</u> <u>READ SUPPLY 450 3 SEAT</u>	Contractor Company <u>D.R. Horton Inc</u> Contact Person <u>JENNIFER DUFF</u> Address <u>1370 Picard Drive #230</u> City <u>Rockville</u> State <u>MD</u> Zip Code <u>20850</u> License No. <u>0525</u> Phone <u>301-670-6144</u> Fax <u>301-670-0524</u>
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Occupant or Tenant <u>D.R. Horton Inc</u> Contact Name <u>JENNIFER DUFF</u> Address <u>1370 Picard Drive #230</u> City <u>Rockville</u> State <u>MD</u> Zip Code <u>20850</u> Phone <u>301-670-6144</u> Fax <u>301-670-0524</u>	Engineer or Architect Company <u>BECKHOLMACK</u> Contact Person <u>JOHN CAWNEY</u> Address <u>2480 BALTIMORE PKWY</u> City <u>ELLICOTT CITY</u> State <u>MD</u> Zip Code <u>21043</u> Phone <u>410-465-6105</u> Fax <u>410-465-6144</u>
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BUILDING DESCRIPTION - COMMERCIAL		BUILDING DESCRIPTION - RESIDENTIAL									
<u>Building Characteristics</u> Height: _____ No. of stories: _____ Gross area, sq. ft. per floor: _____ Use group: _____ 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	<u>Utilities</u> Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/> 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"/> Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression # of Heads _____	<u>Building Characteristics</u> SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">Depth</th> <th style="text-align: center;">Width</th> </tr> <tr> <td>1st floor: <u>20</u></td> <td><u>52</u></td> </tr> <tr> <td>2nd floor: <u>80</u></td> <td><u>46</u></td> </tr> <tr> <td>Basement: <u>61</u></td> <td><u>52</u></td> </tr> </table> Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms <u>4</u> 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: _____ <input type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home	Depth	Width	1st floor: <u>20</u>	<u>52</u>	2nd floor: <u>80</u>	<u>46</u>	Basement: <u>61</u>	<u>52</u>	<u>Utilities</u> Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> <input type="checkbox"/> Propane Gas <input type="checkbox"/> Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R <input type="checkbox"/> Other: _____
Depth	Width										
1st floor: <u>20</u>	<u>52</u>										
2nd floor: <u>80</u>	<u>46</u>										
Basement: <u>61</u>	<u>52</u>										

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.

<u>[Signature]</u> Applicant's Signature <u>Rapid Permit Service</u> Title/Company	<u>Louis C. Smith</u> Print Name <u>8-12-02</u> Date
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Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
 ** PLEASE WRITE NEATLY AND LEGIBLY. **

AGENCY	DATE	SIGNATURE APPROVAL	DPZ SETBACK INFORMATION	PROPERTY ID#: <u>95513</u>
<input checked="" type="checkbox"/> Land Development, DPZ			Front: _____	Filing fee \$ <u>100</u>
<input checked="" type="checkbox"/> State Highways			Rear: _____	Permit fee \$ _____
<input checked="" type="checkbox"/> Building Official			Side: _____	Excise tax \$ _____
<input checked="" type="checkbox"/> Dev. Engineering, DPZ			Side St.: _____	Add'l per. fee \$ _____
<input checked="" type="checkbox"/> Health	<u>9/11/02</u>	<u>[Signature]</u>	All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ _____
<input checked="" type="checkbox"/> Fire Protection			Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ _____
<input checked="" type="checkbox"/> Is Sediment Control approval required prior to issuance? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Balance due \$ _____
CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>			Lot Coverage for NewTown Zone _____	Check # <u>401975</u>
ONE STOP SHOP: <input type="checkbox"/>			SDP/Red-line approval date _____	Validation # <u>9552</u>
			Accepted by: <u>[Signature]</u>	

**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 #: 3014283900
Address: 23407 Medford Rd
Clarksville Md 21031

(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. Horton Telephone #: 6206144
Subdivision: Cherry Grove Lot #: 35 Well Tag #: HO-94-2794
Site Address: 16905 Old Sawmill Rd
Woodbine Md 21797

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Sunda</u>	Make: <u>Compbell</u>	Two piece watertight cap: <u> </u>
Model #: <u> </u>	Model #: <u> </u>	Screened, vented well cap: <u> </u>
Pump Capacity <u>13</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>291</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

Piping to house	House Connection
Type: <u>1 1/2" PVC</u>	PVC sleeved to undisturbed soil at wall penetration: <u> </u>
PSI: <u>200</u> (160 psi min)	Approximate length of sleeve: <u> </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.

Signature of company representative responsible for installation: M. Bressa 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 SO
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

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2794
 Location of property (road) Old Sawmill Rd
 Subdivision Westwoods of Cherry Grove Lot 31 Block Plat Sec.
 Well Driller Joseph Mayne Owner Grovermont Development LLC
 Depth of well 560'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 47'

I. High rate pumping -- reservoir drawdown

Time pump started 7:00 Pumping rate 20 gpm
 Total time 45 min to reach pumping water level 319 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:15	150	3 sec		20
7:30	240	4		15
7:45	319	5		12
8:00	319	50		1.2
8:15	319	50		1.2
8:30	319	50		1.2
8:45	319	50		1.2
9:00	319	50		1.2
9:15	318	50		1.2
9:30	318	50		1.2
9:45	318	50		1.2
10:00	318	50		1.2
10:15	318	50		1.2
10:30	318	50		1.2
10:45	318	50		1.2
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11:15	317	50		1.2
11:30	317	50		1.2
11:45	317	50		1.2
12:00	317	50		1.2
12:15	317	50		1.2
12:30	317	50		1.2
12:45	317	50		1.2
1:00	317	50		1.2
HD-22415	317	50		1.2
1:30	317	50		1.2
1:45	317	50		1.2
2:00	317	50		1.2

B 1	5986	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	STATE PERMIT NUMBER
			W5 14 154 please print or type	H0-94-2794 fill in this form completely

Date Received (APA) _____

OWNER INFORMATION

8 MM DD YY 13
 15 Last Name Owner First Name 34
Groveport Development LLC
 36 P.O. Box 417 Street or RFD 55
Ellicott City Md 21041
 57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Driller's Name 76 License No. 81
Joseph L. Mayne M S D O 2 K
 Firm Name
Joseph L. Mayne Well Drilling
 Address
5512 Ridge Rd. Mt. Airy 21771
 Signature Date
Joseph L Mayne 7/26/00

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12
5
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20
500

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

AIR-ROTARY AIR-PERCUSsion ROTARY (Hydraulic Rotary)

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 DEEPEAN 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)

APPROP. PERMIT NUMBER _____

PERMIT No. H0-94-2794
 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS
 NOTE - APPROVING AUTHORITY'S SHOULD USE SEPARATE SHEET IF NEEDED

LOCATION OF WELL

8 COUNTY Howard 21
 23 SUBDIVISION The Westwoods Of Cherry Grove 42
 SECTION 44 LOT 31 48 50
Lisbon
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) 5 M I
 73 76 77 78

11 NEAR WHAT ROAD

Old Sawmill Rd. 30

ON WHICH SIDE OF ROAD: (CIRCLE APPROPRIATE BOX)

NORTH WEST EAST SOUTH

34 600 37 FT
 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 13 BLK: 15 PARCEL 46

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE _____ INSERT S _____ 41
 DATE ISSUED 08 02 00 Craig Wilton 8/1/01
 43 MM DD YY 48 CO. SIGNATURE EXP. DATE
 NORTH GRID 532 000 EAST GRID 0771 000
 50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

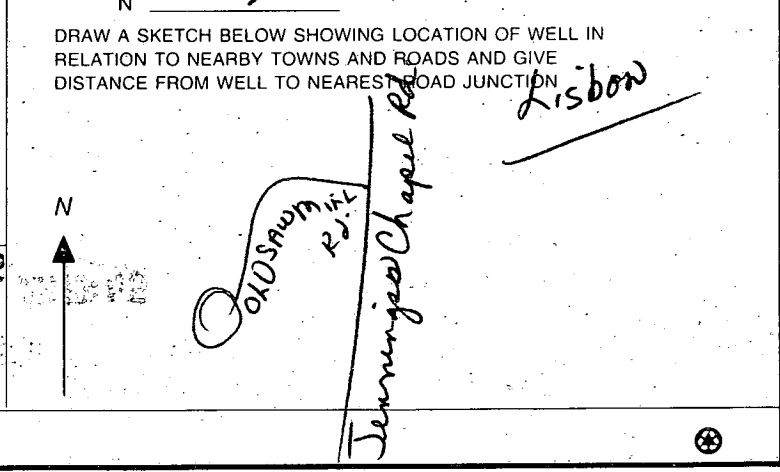
SOURCES OF DRILLING WATER

- Well
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

E 778'
 N 530'

000 +
 000



N84°42'57"W 464.71'

SF 5x20' SF
Schod Bus
Standing Pad 618

Well site OK
8/2/00 CW

LOT 31
43,675 sq. ft.

LOT
49,998

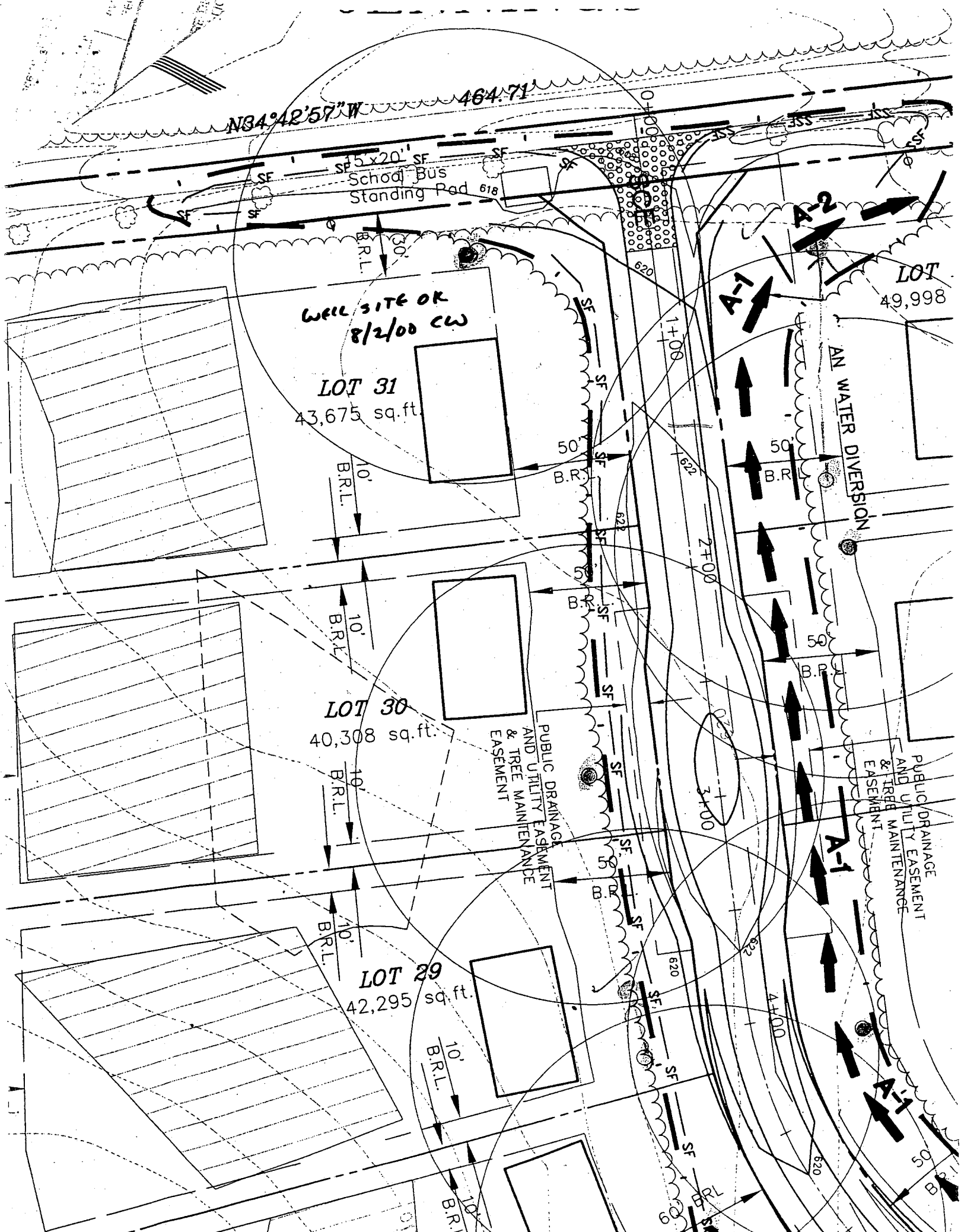
AN WATER DIVERSION

LOT 30
40,308 sq. ft.

PUBLIC DRAINAGE
AND UTILITY EASEMENT
& TREE MAINTENANCE
EASEMENT

PUBLIC DRAINAGE
AND UTILITY EASEMENT
& TREE MAINTENANCE
EASEMENT

LOT 29
42,295 sq. ft.



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

A59946

COUNTY #

SOIL PROFILE

40C/39F

0'
3 1/2'
4'
5'
6'
7'
8'
9'

YELLOW
BROWN
CLAY

CLAY

MICA
SILT
LOAM

41C/40B

CLAY

MICA
SILT
LOAM

LOAM

SPAND

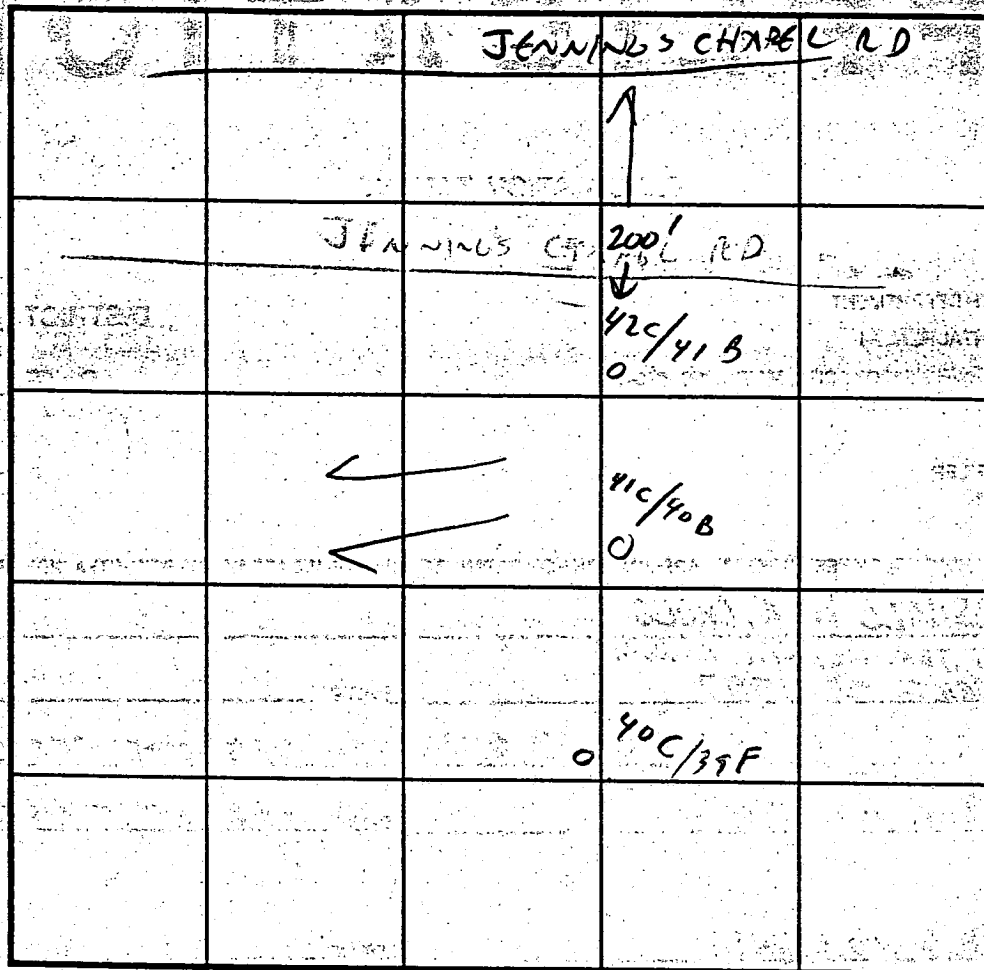
42C/41B

3'
4'
5'
6'
7'
8'
9'

CLAY

YELLOW
BROWN

SILT
LOAM



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	
4/15/98	40C/39F	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 Cwell

ALSO PRESENT SKMP

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: 313-2840

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) 698-7696

PROPERTY LOCATION:

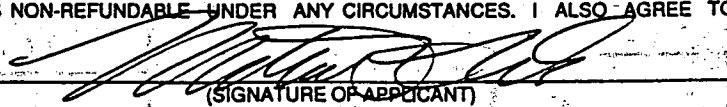
DIVISION NICHOLS' PROPERTY LOT NO. _____

ROAD AND DESCRIPTION JENNINGS CHAPEL ROAD, HOWARD COUNTY

TAX MAP 13 PARCEL # P/0 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

0' 41D/40A

CLAY
 2 1/2'
 GREY
 Brown
 SILT
 LOAM
 11'

42D/41A

CLAY
 3'
 TAN
 MICA
 SILT
 LOAM
 Pocket
 30%
 3 x approx TC
 6-9'

42A + 42B

CLAY
 3'
 TAN
 MICA
 SILT
 LOAM
 11'

JENNINGS CHARGE RD

	42A	42B	
NEIGHBORHOOD HOUSES w/CL COGNITORS	42D/40A		
	41D/40A		

SOIL PROFILE

0'

CLAY
 SILT
 LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/17/98	41D/40A	3 1/2'	3:28	3:30	3:30	3:33	3 MW
	42D/41A	4'	3:30	3:34	3:34	3:40	6 ML
	42A	V(L) OK	3 1/2' - 11'				✓
	42B	3 1/2'	3:35	3:37	3:37	3:40	3 MW

REMARKS _____

TYPE OF SOIL _____

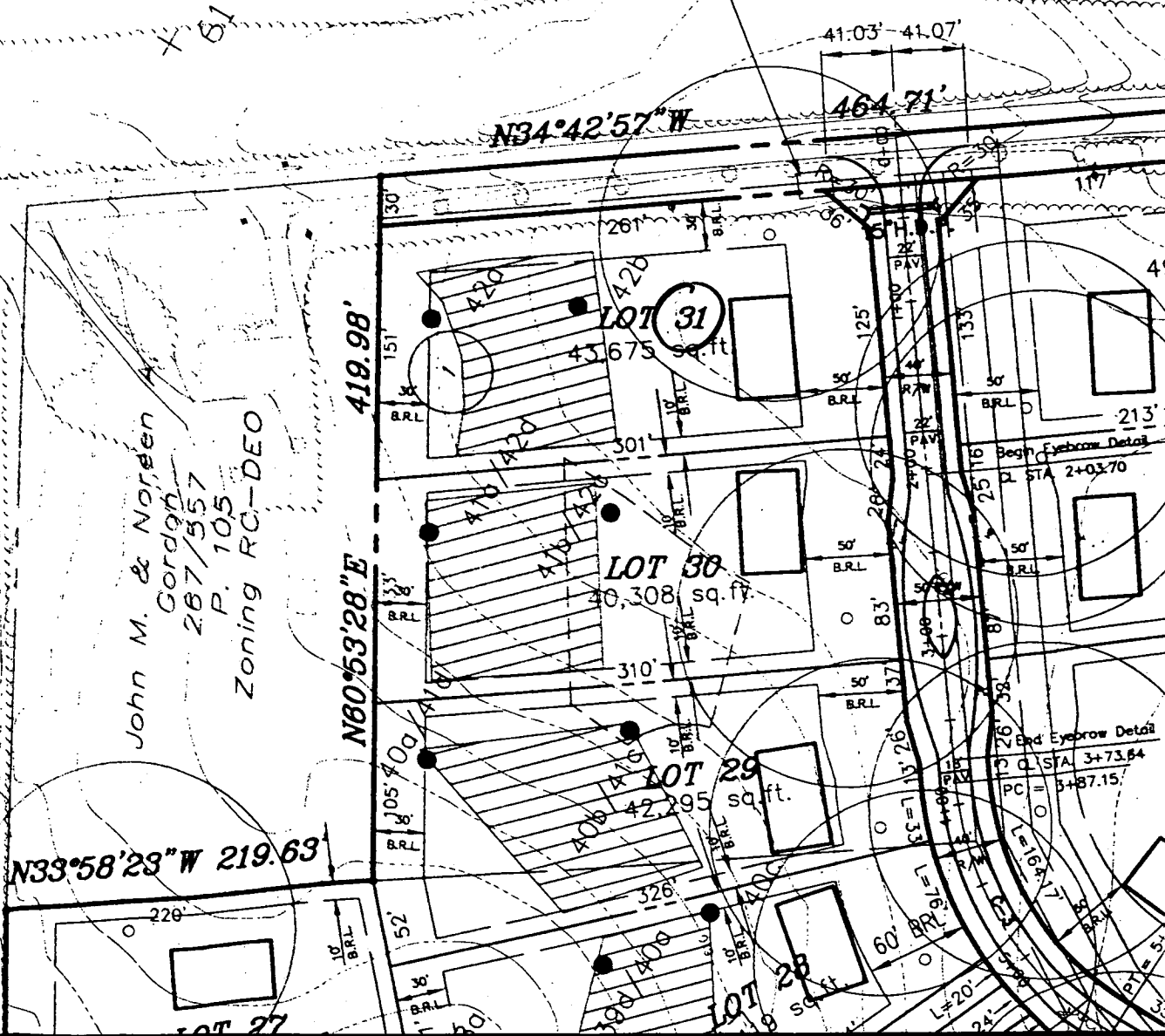
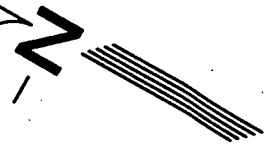
TESTED BY C. Wilkin ALSO PRESENT SHANN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

PESP
Signed 8/26/99

15'x20'
School Bus
Standing Pad



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

N33°58'23\"W 219.63'

N60°53'28\"E 419.98'

N34°42'57\"W

41.03' 41.07'

464.71'

LOT 30
40,308 sq. ft.

LOT 29
42,295 sq. ft.

LOT 31
45,675 sq. ft.

Begin Eyebrow Detail
P.C. STA. 2+03.70

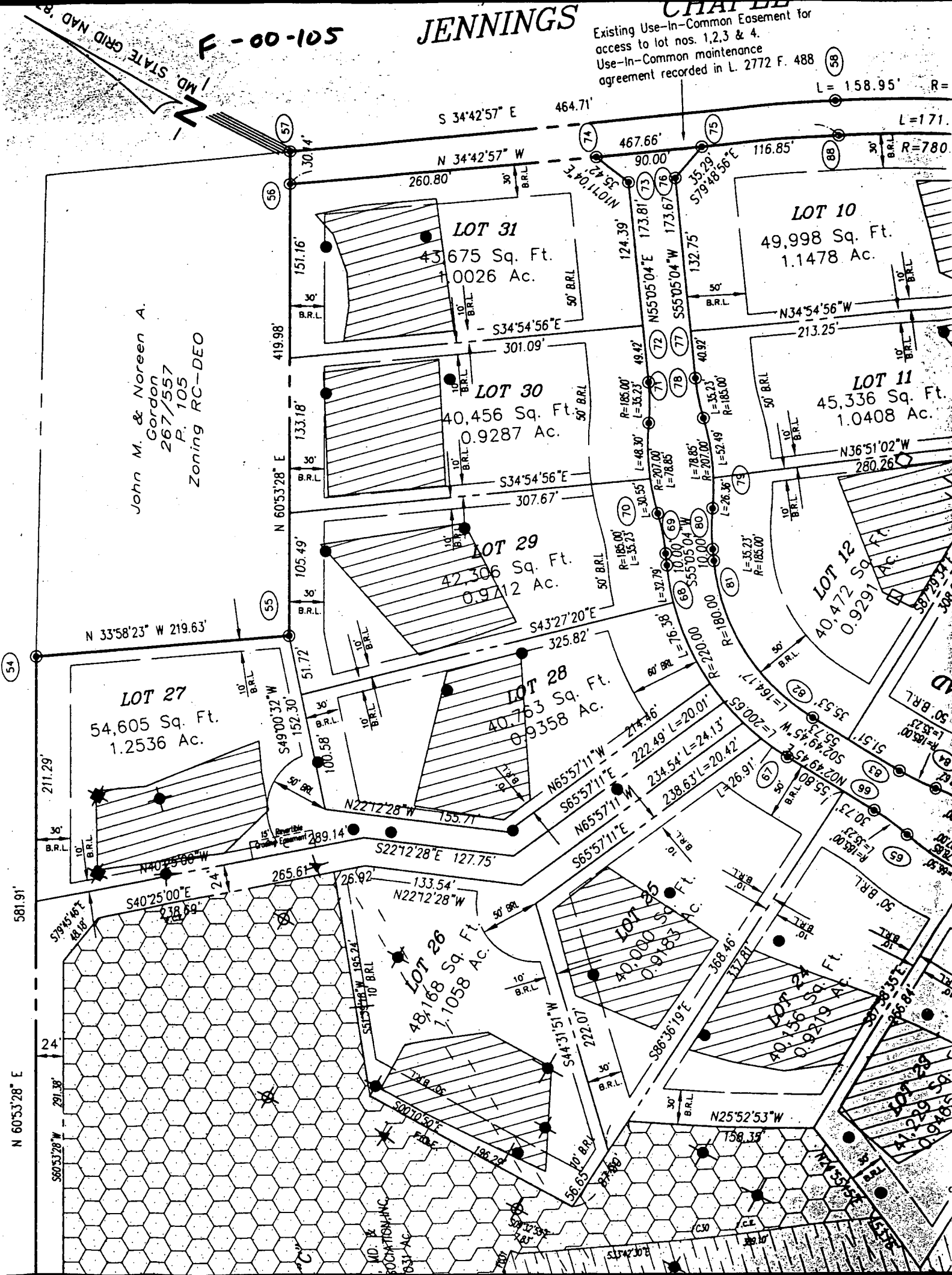
End Eyebrow Detail
P.C. STA. 3+73.64
P.T. = 4+87.15'

JENNINGS

Existing Use-In-Common Easement for access to lot nos. 1,2,3 & 4.
Use-In-Common maintenance agreement recorded in L. 2772 F. 488

F - 00 - 105

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



LOT 31
43,675 Sq. Ft.
1.0026 Ac.

LOT 30
40,456 Sq. Ft.
0.9287 Ac.

LOT 29
42,306 Sq. Ft.
0.9712 Ac.

LOT 28
40,763 Sq. Ft.
0.9358 Ac.

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

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

LOT 10
49,998 Sq. Ft.
1.1478 Ac.

LOT 11
45,336 Sq. Ft.
1.0408 Ac.

LOT 12
40,472 Sq. Ft.
0.9291 Ac.

LOT 24
40,156 Sq. Ft.
0.9219 Ac.

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

I MD. STATE GRID NAD 83

L = 158.95' R =
L = 171.
R = 780.

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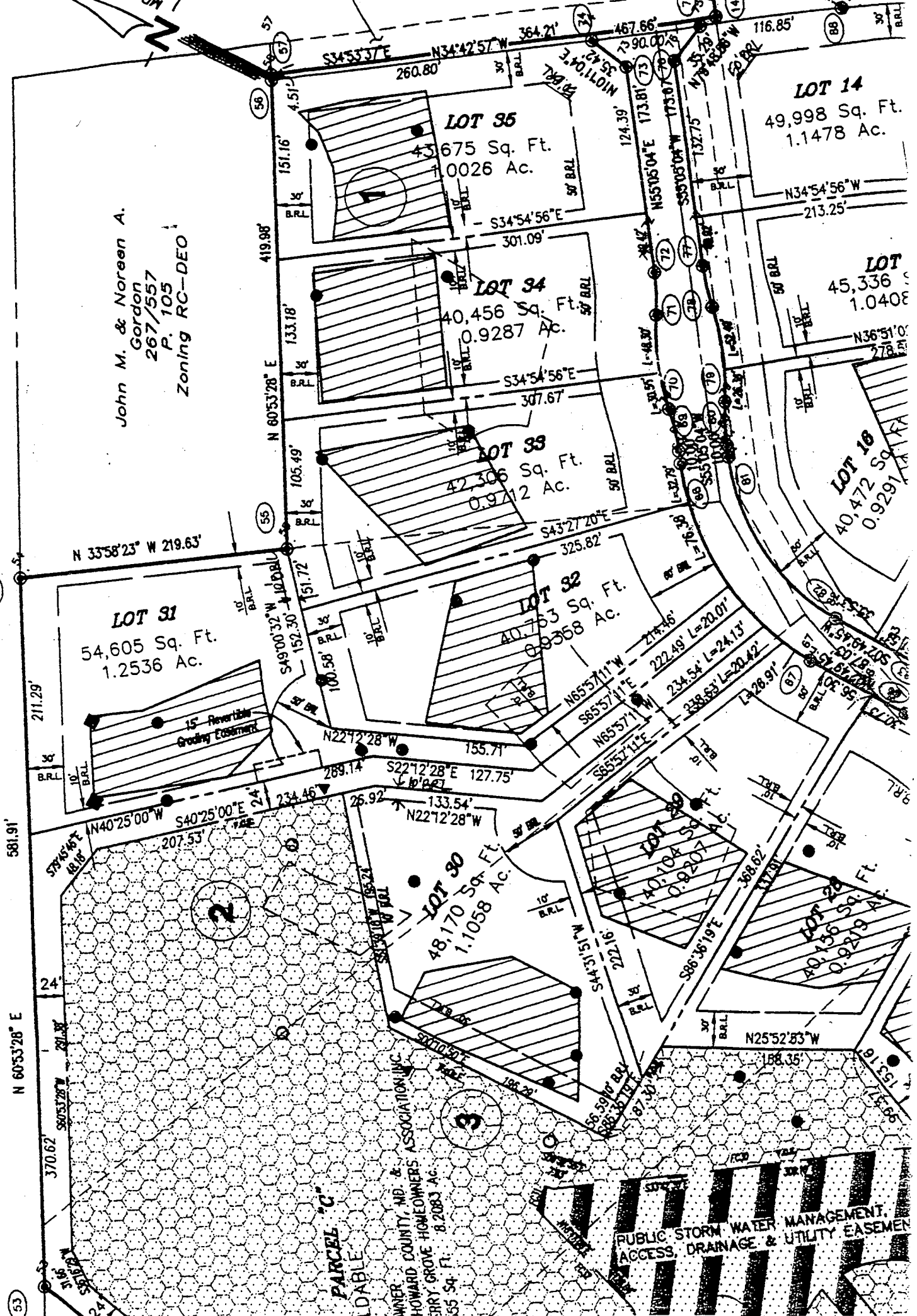
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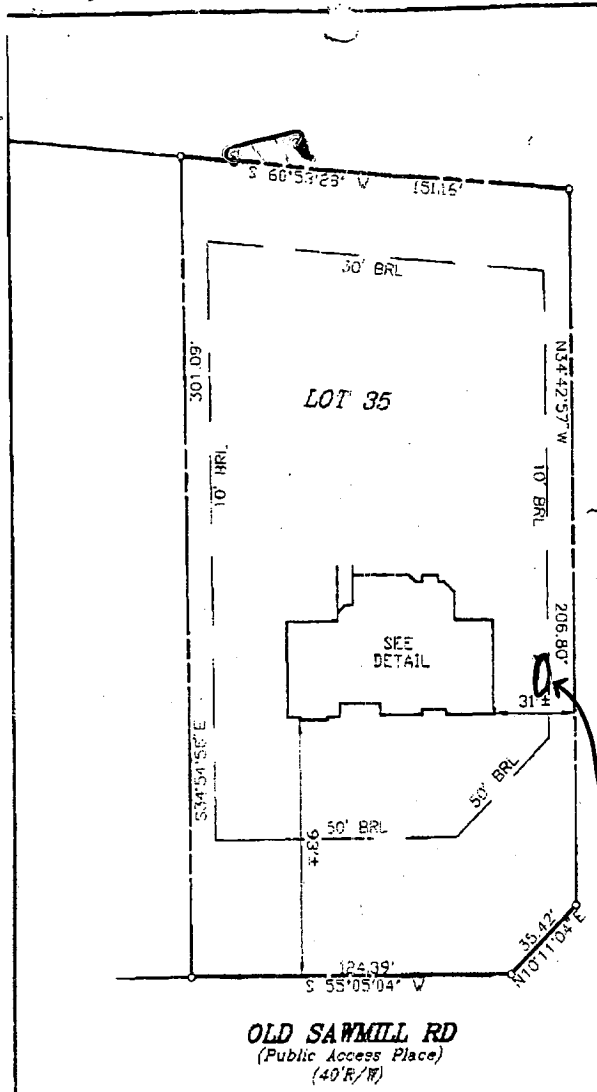
F-01-105

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

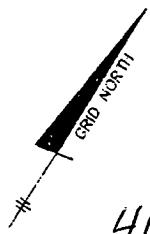


PARCEL "C"
LOADABLE
WINNER
HOWARD COUNTY, MD. & ASSOCIATION, INC.
BERRY GROVE HOMEOWNERS ASSOCIATION, INC.
55 Sq. Ft. 8,2083 AC

PUBLIC STORM WATER MANAGEMENT,
ACCESS, DRAINAGE & UTILITY EASEMENT



LAND PREVIOUSLY DEDICATED TO HOWARD COUNTY, MD. FOR THE PURPOSE OF A PUBLIC ROAD, L.2929 F.159 PLAT NO. 10785



B00141213
4/21/03 Propane tank
Location OK (S)

1000 GALLON UNDERGROUND PROpane TANK

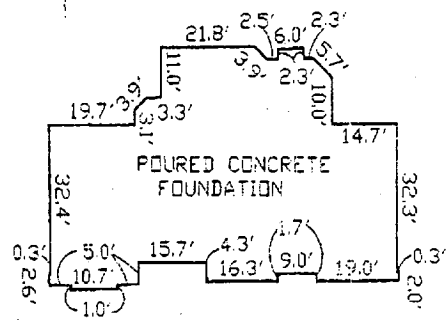
FIRST FLOOR ELEVATION = 625.3'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

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 11/26/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY RODGERS & ASSOCIATES, 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
MC REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 14810
FEMA FIRM No. 240044 0013 B
ZONE: C
DATED: 12/04/88

BENCHMARK ENGINEERING, INC.
1640 BALTIMORE NATIONAL PKWY & SUITE 410
ELICOTT CITY, MARYLAND 21042
PHONE: 410-482-8100 & TOLL FREE 1-800-654-6544
WWW.BENCHMARKENGINEERING.COM



FOUNDATION DETAIL
SCALE: 1" = 30'

WALL CHECK
THE WESTWOODS OF CHERRY GROVE
LOT No. 35
1699C OLD SAWMILL ROAD
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 11/26/02