

2/19/02 10AM Layout  
2-20-02 Layout 11-12  
2/22/02 - PM

04-365847

ISSUE DATE: 2/11/2002  
APPROVAL DATE: 2/22/02

# PERMIT INDEXED

P 516510  
A 59947B

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

Miller Excavating Company, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 13850 W Old Baltimore Rd, Boyds PHONE NUMBER: 301-349-4400

SUBDIVISION: The Westwoods at Cherry Grove LOT NUMBER: 31

ADDRESS: 16916 Old Sawmill Road PROPERTY OWNER: D. R. Horton, Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250

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:	Place the distribution box as shown on the approved site plan. Trench layout to be determined during the layout inspection.
NOTES:	KEEP SEPTIC TANK AND DISTRIBUTION BOX OUT OF THE 100 FOOT WELL RADIUS.

PLANS APPROVED: SRK on SRK 2/12/02 DATE: 10/18/01

- 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**

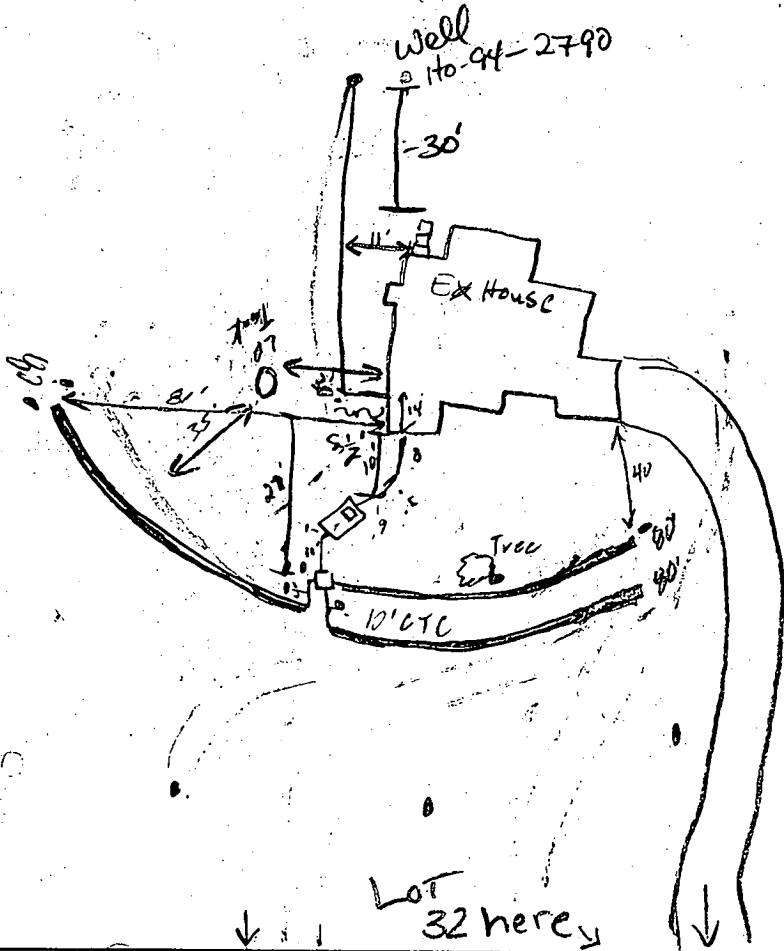
**BUILDING PERMIT SIGNED AND RETURNED 2/22/02**  
B OD 134425-16 PROPANE TANK

A59947-BT

Behind #32 (Flag Lot)

NOT TO SCALE

INDEXED



**TRENCH DATA**

TRENCH WIDTH 3  
 TRENCH INLET DEPTH 4'  
 TRENCH BOTTOM DEPTH 6'  
 DEPTH OF STONE 2'  
 NUMBER OF TRENCHES 3  
 TOTAL TRENCH LENGTH 240  
 ABSORBENT AREA 720#  
 DISTRIBUTION BOX LEVEL yes  
 BAFFLE IN DISTRIBUTION BOX yes

**SEPTIC TANK DATA**

SEPTIC TANK 1500 TS GALLONS  
 MANHOLE RISER Front  
 6 INCH INSPECTION PORT N/A

**PUMP CHAMBER DATA**

PUMP CHAMBER GALLONS N/A  
 MANHOLE RISER N/A  
 ALARM \_\_\_\_\_  
 PUMP PERFORMANCE TEST \_\_\_\_\_

PRE-CONSTRUCTION INSPECTION: OLD SAWMILL Rd 2/20/02 House conn & invert changed. No affect.

INSPECTION COMMENTS: 100' well radius ok. Trenches per B.P. (SC) 2/22/02 OK to cover all work (SC)

INSPECTOR [Signature] DATE SYSTEM APPROVED 2/22/02

AND RETURNED TO [Signature]

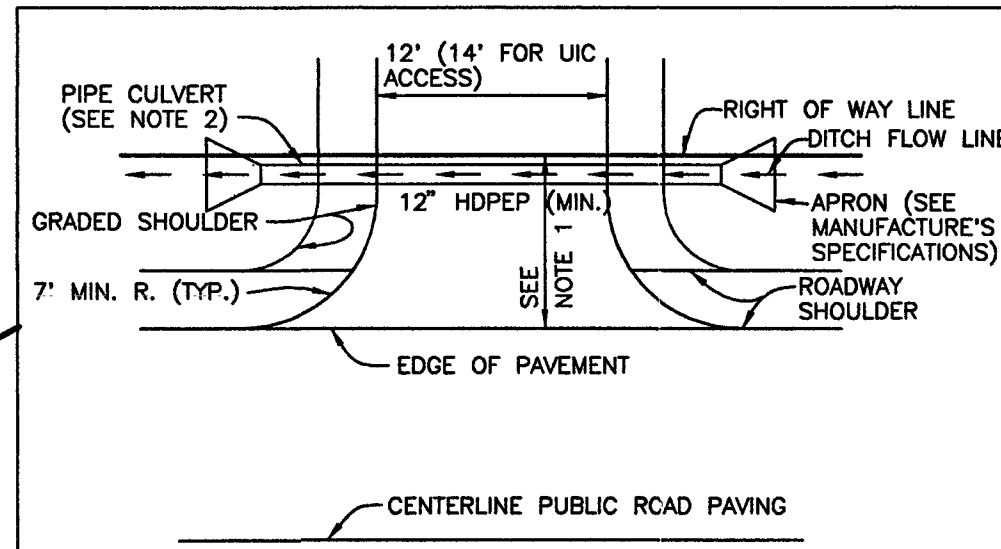
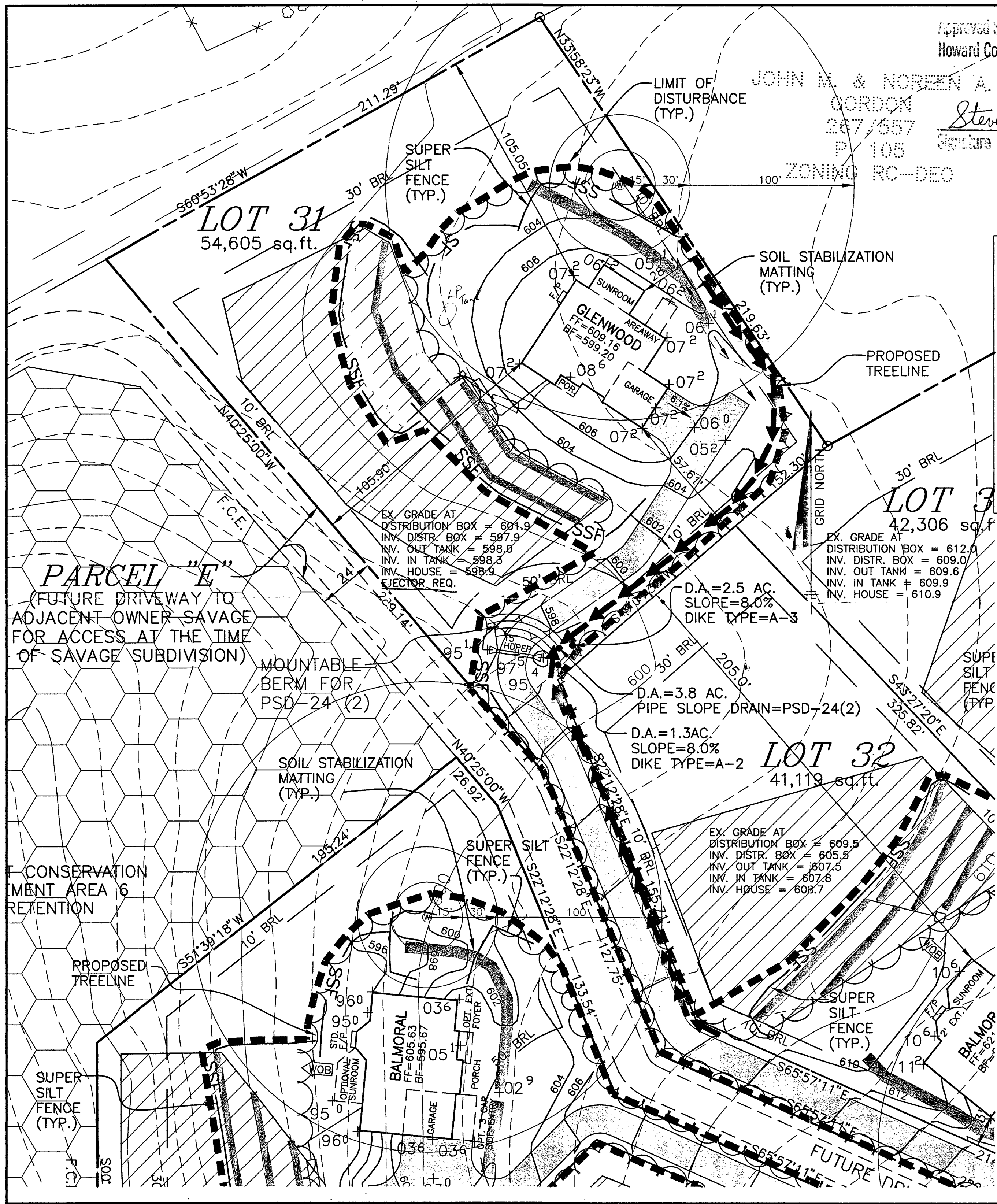
Approved Septic System Plan  
Howard County Health Department

JOHN M. & NOREEN A. GORDON  
287/357  
P. 105  
ZONING RC-DEO

Signature: *Steven R. King* 10/18/01  
Date

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. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
5. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
6. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
7. ALL STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.
8. DRIVEWAY CULVERTS WERE DESIGNED FOR THIS SUBDIVISION UNDER F-00-105.

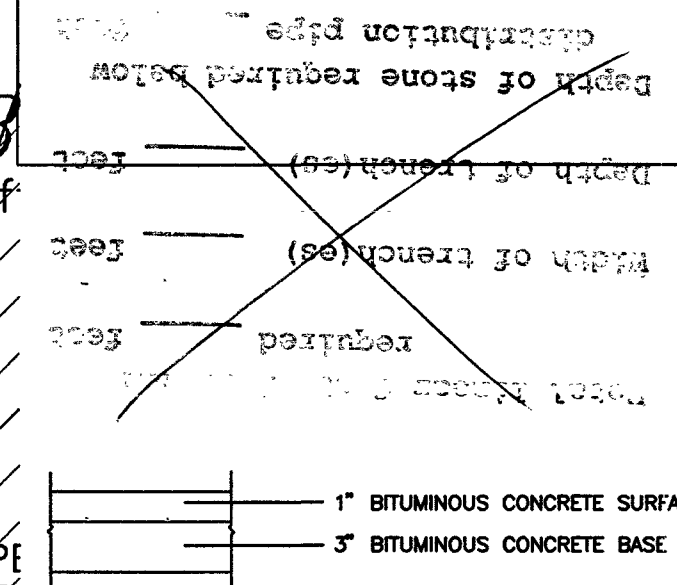


- NOTES:
1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON ST'D NO. R-2.01 OR ALTERNATIVE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
  2. DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM.
  3. ALL DRIVEWAY CULVERT PIPES TO BE 12" HDPEP OR GREATER TO PREVENT BLOCKING. HDPEP APRONS TO BE INSTALLED AT EACH END OF THE DRIVEWAY CULVERT AND SIZED PER MANUFACTURE'S SPECIFICATIONS. IF A LARGER PIPE IS REQUIRED, DITCH INVERT CAN BE LOWERED TO PROVIDE MIN. DITCH GRADIENT OF 0.5% AND CLEARANCE SHOWN.
  4. 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.
  5. TIE IN GRADE OF PRIVATE DRIVEWAY SHALL NOT EXCEED 14%.
  6. SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.

DRIVEWAY CULVERT  
NOTES AND DETAIL  
NOT TO SCALE

LEGEND

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



PAVING SECTION  
NOT TO SCALE

NO.	DATE	REVISION
<p><b>BENCHMARK</b> ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS <b>ENGINEERING, INC.</b></p> <p>8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 ▲ FAX: 410-465-6844 EMAIL: benchmark@ccis.com</p>		
<p>OWNER/BUILDER: D.R. HORTON, INC. SUITE 230 1370 PICCARD DRIVE ROCKVILLE, MARYLAND 20850 1-301-670-6144</p>		<p>PROJECT: <b>THE WESTWOODS AT CHERRY GROVE LOT 31</b></p>
<p>LOCATION: 16916 OLD SAWMILL COURT LISBON, MD 21797 TAX MAP 13 - BLOCK 15 - PARCELS 140, 141, 142 AND P/O PARCEL 48 4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND</p>		<p>Total linear feet of trench required <u>240</u> feet</p> <p>Width of trench(es) <u>3</u> feet</p> <p>Depth of trench(es) <u>6</u> feet</p> <p>Depth of stone required below distribution pipe <u>2</u> feet</p>
<p>TITLE: <b>PERMIT PLAN</b></p>		
<p>HOUSE TYPE: <b>GLENWOOD</b></p>		
DATE:	SEPTEMBER 14, 2001	PROJECT NO. 1431
DESIGN:	JMC	DRAFT: JMC
SCALE:	1" = 30'	DRAWING <u>1</u> OF <u>1</u>

**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2643**

**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 #: 301-4283900  
 Address: 23417 Redwicks Rd  
Charlottesville, VA 22907

(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 Henkle 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. L. Horton Telephone #: 670644  
 Subdivision: Cherry Grove Lot #: 31 Well Tag #: HO 94-2790  
 Site Address: 16976 Old Sawmill Rd

**Submersible Pump Data**

Make: Emilco  
 Model #: \_\_\_\_\_  
 Pump Capacity: 1/3 GPM  
 Well Yield: 2 GPM

**Pitless Adapter**

Make: Champion  
 Model#: \_\_\_\_\_  
 Depth: 42 (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:

Depth of well encountered at time of pump installation: 300 (feet)  
 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**

Type: PEX 1"  
 PSI: 200 (160 psi min)  
 Depth of supply line: 30 (36" min)

**House Connection**

PVC sleeved to undisturbed soil at wall penetration:   
 Approximate length of sleeve: 36  
 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] U.P. date: 2-11-02

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

Date Insp. Requested: 2/12/02 AM Date Insp. Approved: 2/12/02 (KG)  
 Inspection Data: Pitless adapter and water supply line at least 36" below grade   
 Two piece cap installed and attached to casing securely TIGHTEN   
 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

2-12-02 (KG)  
called  
Kathy  
tighten (little  
more)  
? full

C1 07879

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.

COUNTY NUMBER 13

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 10 23 2000

Depth of Well 22 225' 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-2790

OWNER GROUPEMONT DEVELOPMENT STREET OR RFD OLD SAWMILL RD TOWN LISBON SUBDIVISION WESTWOODS OF CHERRY GROVE SECTION LOT 27

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 14 NO. OF POUNDS 1316 GALLONS OF WATER 84 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 48 ft.

CASING RECORD

caseing types insert appropriate code below (S) (T) (C) (O) (P) (L) (O) (T) MAIN CASING TYPE (S) Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 51

OTHER CASING (if used)

inch diameter depth (feet) from to

SCREEN RECORD

screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) (S) (T) (B) (R) (H) (O) (P) (L) (O) (T)

DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows: Brown Shale (0-47), Blue Rock (47-225).

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 20 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 34 ft. WHEN PUMPING 36 ft. TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP 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. 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

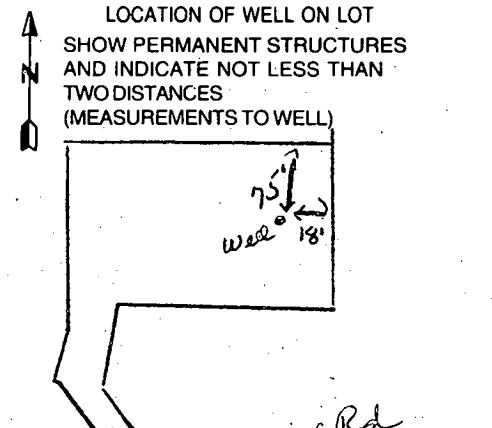
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 MS DO 24 DRILLERS SIGNATURE Joseph L. Mayne LIC. NO. 1 D

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



B 1 5982

SEQUENCE NO (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

Ho-94-2790

fill in this form completely

W514154 please print or type

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Government Development LLC

P.O. Box 417

Elliott City Md 21041

DRILLER INFORMATION

Joseph P. Mayne M S D O 24

Joseph P. Mayne Well Drilling

5512 Ridge Rd Mt. Airy 21771

Joseph P. Mayne 7/26/2000

LOCATION OF WELL

Howard 8 COUNTY 21

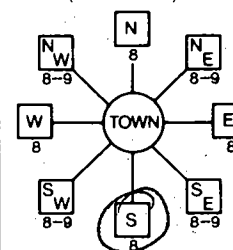
The Westwoods of Cherry Grove 23 SUBDIVISION 42

SECTION 44 LOT 27 48 50

Libon 52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 5 M I 73 76 77 78

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Old Sawmill Rd. 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 375 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 13 BLK: 15 PARCEL 46

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

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 8/1/01

GRID NORTH 532 000 EAST 0771 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 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 DEEPEEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROX. PERMIT NUMBER PERMIT No Ho-94-2790

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

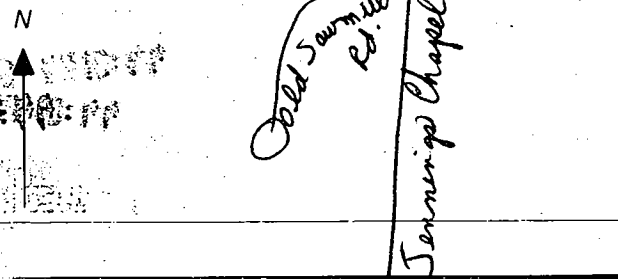
- Well
1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 770'
N 530' 2

10/23/00 9:30
Missed
INSP
d

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

# 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  
WOODRIDGE, 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.

159946

COUNTY #

SOIL PROFILE  
0' 400/39A

CLAY 2 1/2'  
SANDY SILT  
MICA  
LOAM  
11'

38A

CLAY 1 3/4'  
RED  
Brown  
MICA  
SILT  
LOAM  
11'

38C

CLAY 4'  
RED  
Brown  
MICA  
SILT  
LOAM  
10% SAND 17%  
11'

SOIL PROFILE  
0' 38D

CLAY 3 1/2'  
TAN TO RED  
MICA  
SILT  
LOAM  
MINOR  
POCKETS  
20% SAND APPROX  
11'

390/38B  
NOT SEEN  
ROCK



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	400/39A	3 1/2'	3:19	3:22	3:22	3:26	4 MIN	
	38A	3 1/2'	3:22	3:27	3:27	3:33	6 MIN	
	390/38B	NOT SEEN - ABANDONED BY CONTRACTOR - ROCK						
	38C	4'	3:23	3:26	3:26	3:37	5 MIN	
	38D	4'	3:27	3:30	3:30	3:35	5 MIN	

REMARKS \_\_\_\_\_

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

TESTED BY C. Wilber ALSO PRESENT SHARP

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

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



Eugene A. Freeze  
1185/121  
P. 303

PARCEL "B"  
(TO BE CONVEYED TO  
ADJACENT OWNER, SAVAGE,  
FOR ACCESS AT THE TIME OF  
HIS SUBDIVISION OF  
38,023 Sq. Ft.  
0.8729 AC.

F-00-105

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

PRESERVATION PARCEL "C"  
NON-BUILDABLE

OWNER:  
EASEMENT HOLDERS: HOWARD COUNTY, MD. &  
HOMEOWNERS ASSOCIATION, INC.  
TOTAL AREA: 357,329 Sq. Ft. 8.2031 AC.

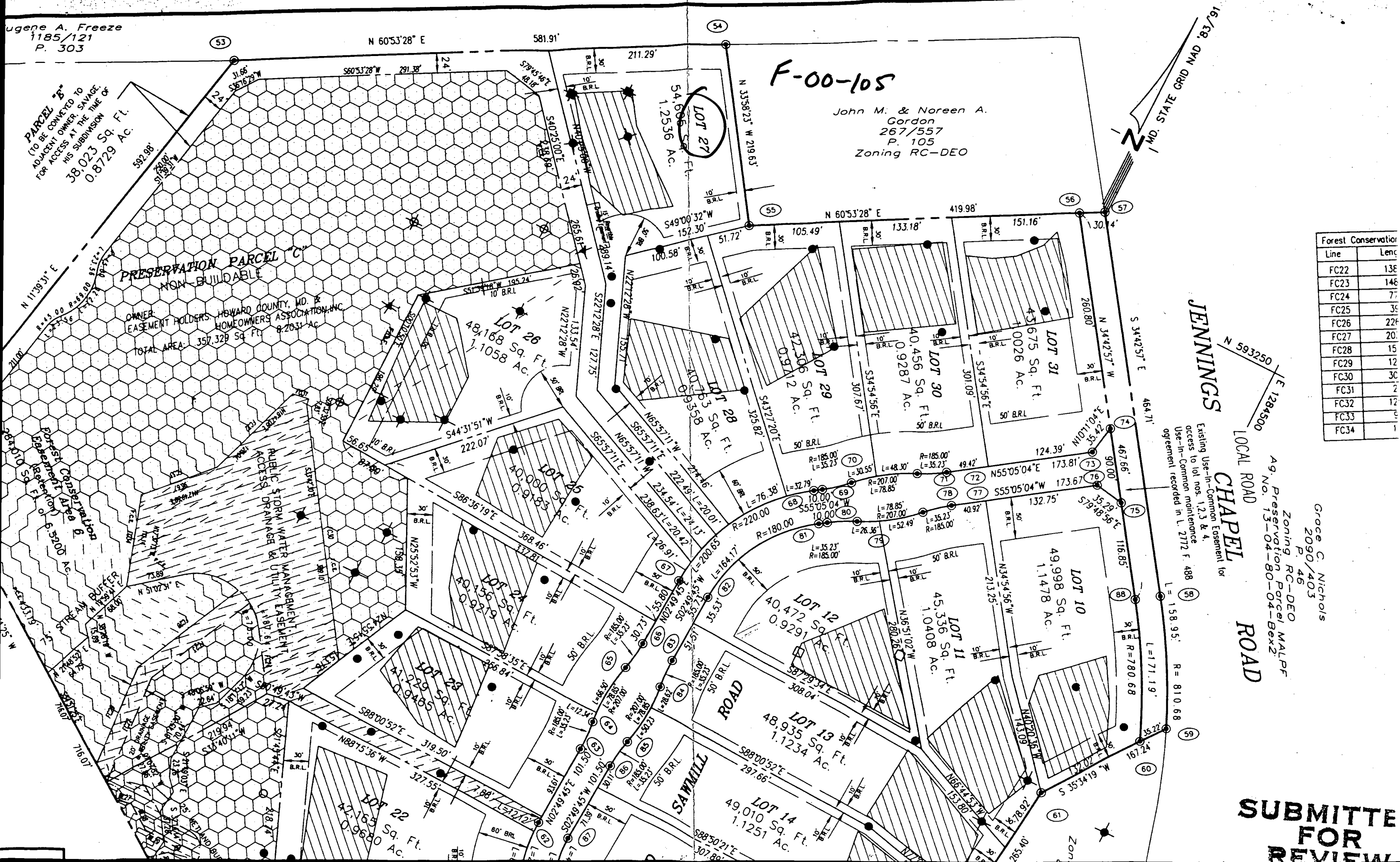
Line	Length
FC22	138'
FC23	148'
FC24	77'
FC25	35'
FC26	226'
FC27	20'
FC28	15'
FC29	12'
FC30	30'
FC31	2'
FC32	12'
FC33	12'
FC34	1'

JENNINGS  
LOCAL ROAD  
CHAPEL  
ROAD

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

Groce C. Nichols  
2090/403  
P. 46  
Zoning RC-DEO  
Parcel MALPF  
No. 13-04-80-04-Bex2

SUBMITTED FOR REVIEW



Eugene A. Freeze  
1185/121  
P. 303

PARCEL 28\*  
(TO BE CONVERTED TO  
ADJACENT OWNER SAVAGE  
FOR ACCESS AT THE TIME OF  
HIS SUBDIVISION OF  
38,023 Sq. Ft.  
0.8729 Ac.

F-00-105

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

PRESERVATION PARCEL C  
NON-BUILDABLE

OWNER: HOWARD COUNTY, MD. &  
EASEMENT HOLDERS: HOMEOWNERS ASSOCIATION, INC.  
TOTAL AREA: 357,329 Sq. Ft. 8.2031 AC.

Forest Conservation Line	Length
FC22	138'
FC23	148'
FC24	7'
FC25	39'
FC26	224'
FC27	20'
FC28	15'
FC29	12'
FC30	30'
FC31	2'
FC32	12'
FC33	1'
FC34	1'

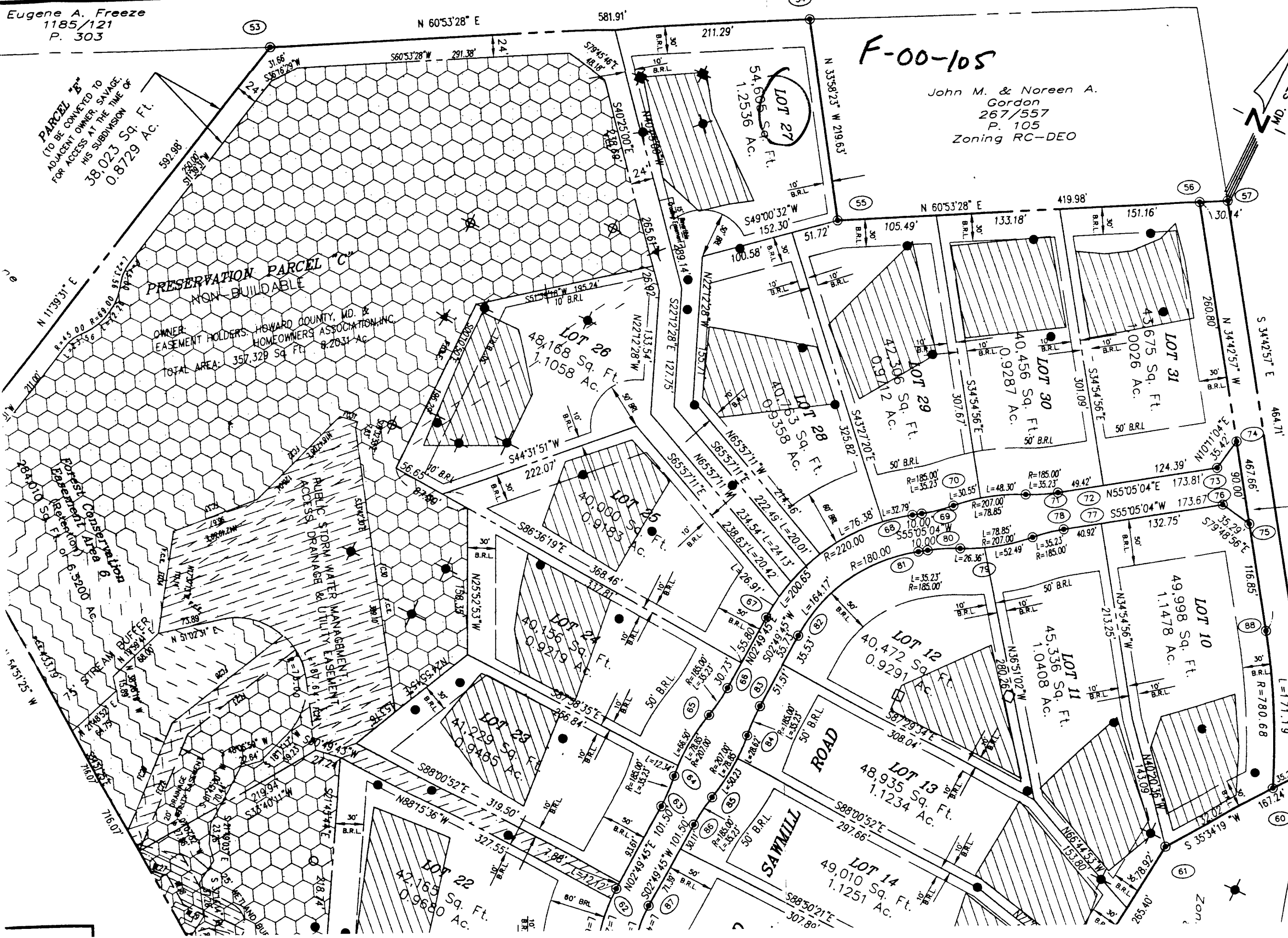
JENNINGS LOCAL ROAD  
CHAPEL ROAD

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

Grace C. Nicholas  
2090/403  
P. 46

Zoning RC-DEO  
Preservation Parcel MALPF  
Ag. No. 13-04-80-04-Bex2

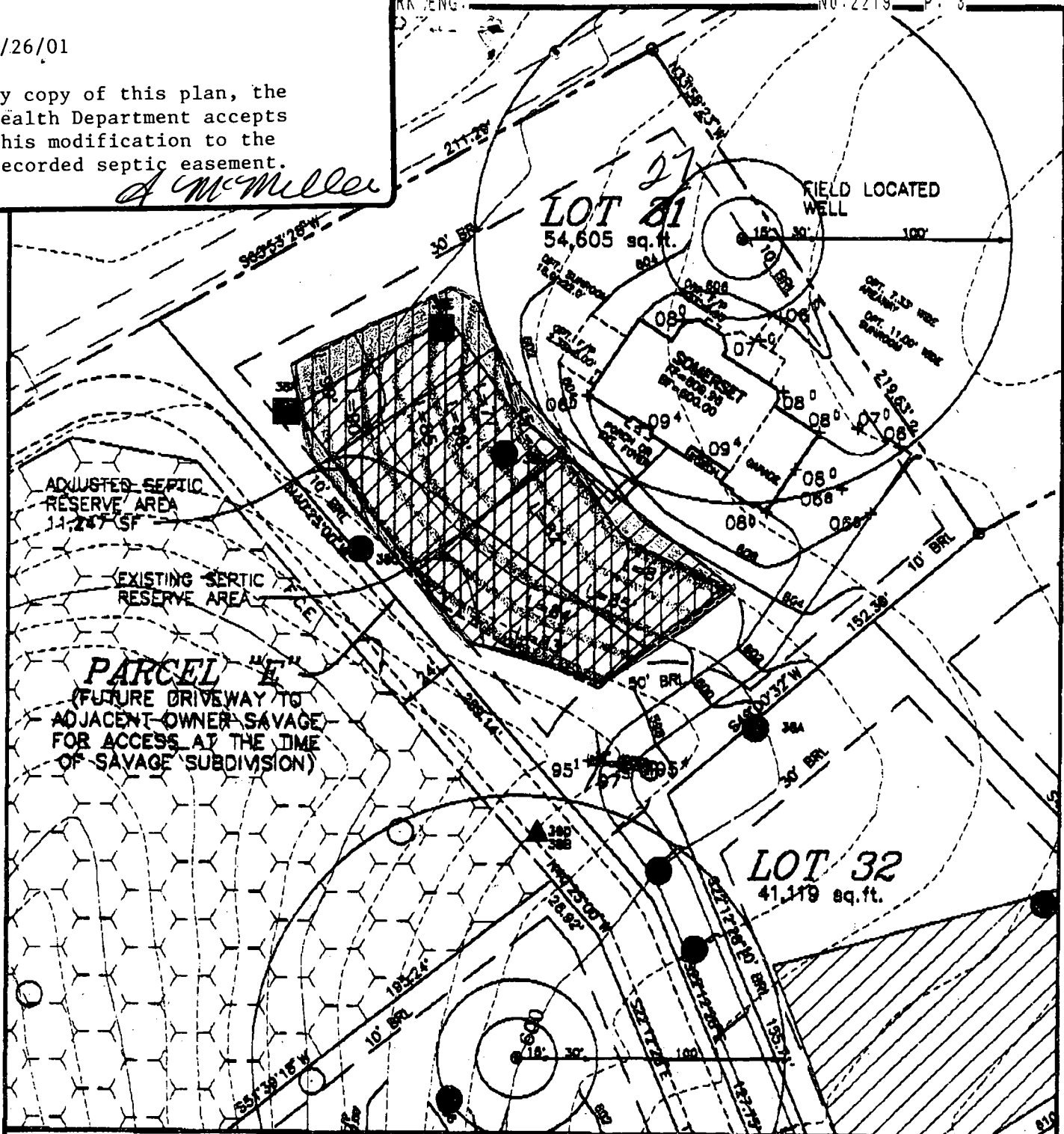
**SUBMITTED FOR REVIEW**



4/26/01

By copy of this plan, the Health Department accepts this modification to the recorded septic easement.

*A. McMiller*



NUMBER BEDROOMS = 5  
 TOTAL LINEAR FEET OF TRENCH = 888  
 LINEAR FEET PER SYSTEM =  $888/3 = 296$

**BENCHMARK**  
 ENGINEERING, INC.

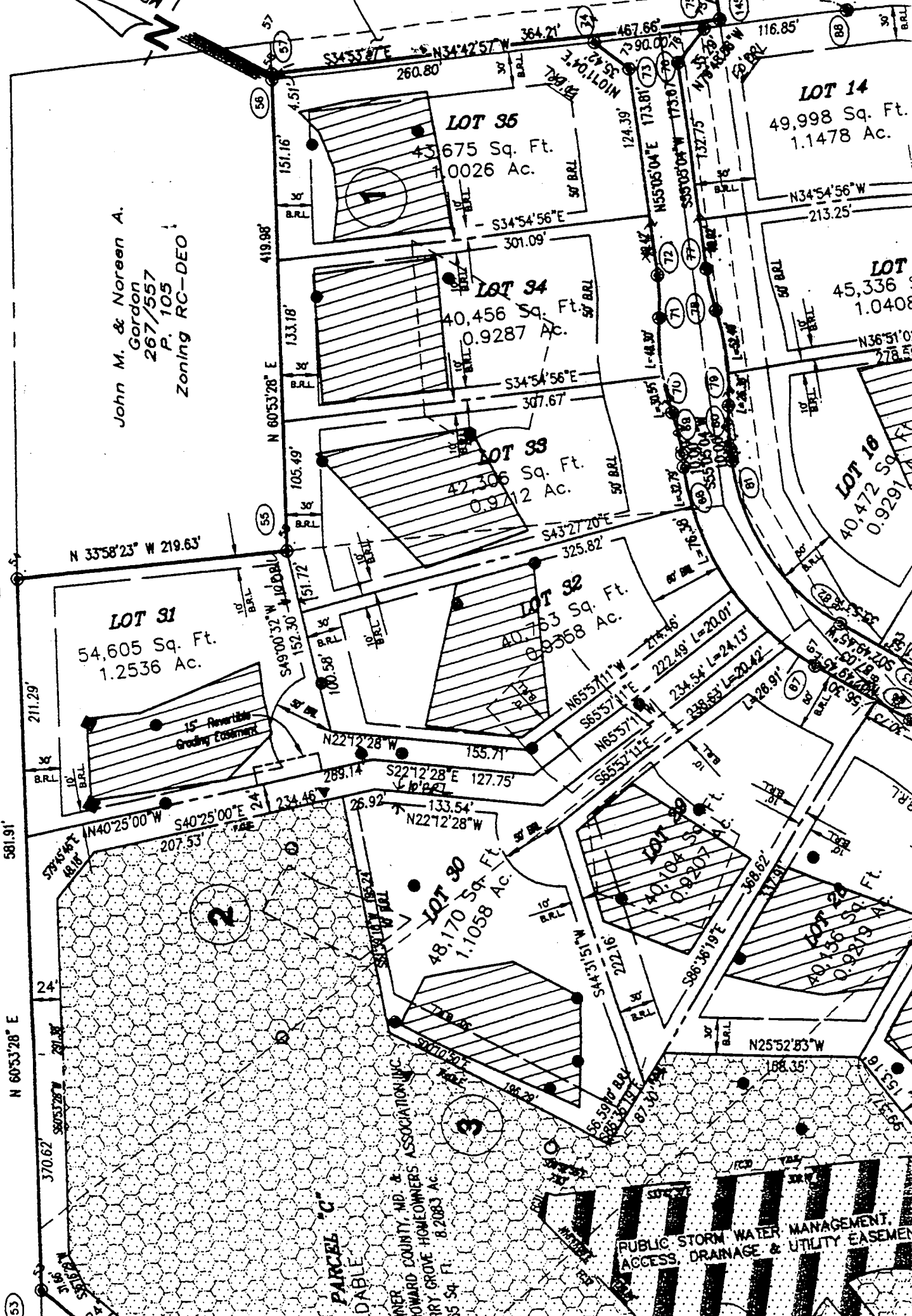
3480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MD 21043  
 PHONE: 410-465-6105 FAX: 410-465-6644

**THE WESTWOODS AT CHERRY GROVE**  
 LOT 31 - SEPTIC REVISION

FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50' DATE: 4/23/01

F-01-105

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



PARCEL "C"  
LOADABLE

OWNER  
HOWARD COUNTY, MD. &  
BERRY GROVE HOMEOWNERS ASSOCIATION, INC.  
8,2083 AC.  
55 S4

PUBLIC STORM WATER MANAGEMENT,  
ACCESS, DRAINAGE & UTILITY EASEMENT