

LAYOUT 9/30/02 1PM INSP 4 _____
INSP 2 10/1/02 12-1 INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 9/23/2002

APPROVAL DATE: 10/1/02

**PERMIT
INDEXED**

P 517929

A 58993-A

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

04-364562

Hatfield's Equipment IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 13785 Burntwoods Road, Glenelg PHONE NUMBER: 301-854-6172

SUBDIVISION: Cattail Ridge LOT NUMBER: 32

ADDRESS: 15017 Rolling Hills Drive PROPERTY OWNER: Rosemark Design Build

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: 180 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box 170' down the left lot line and 10' off this same lot line. Run 3 trenches on contour toward the house.
NOTES:	

PLANS APPROVED: BB/MER DATE: 9/20/02

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**

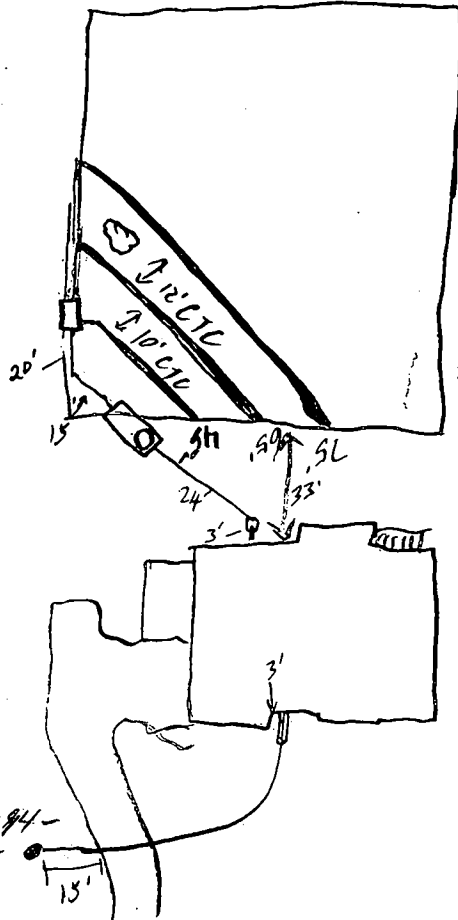
BUILDING DEPARTMENT SIGNED

AND RETURNED

6303 800142232-DEK

458993-A

NOT TO SCALE



ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
<u>2</u>	<u>3.5</u>	<u>7.5</u>
NUMBER OF TRENCHES <u>3</u>		
TOTAL LENGTH <u>105'</u>		
ABSORPTION AREA <u>740</u>		
DISTRIBUTION BOX LEVEL <u>✓</u>		
DISTRIBUTION BOX BAFFLE <u>✓</u>		
DISTRIBUTION BOX PORT <u>—</u>		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <u>✓</u>	
CAPACITY	<u>1500</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>1-1.5'</u>
BAFFLES	<u>✓</u>
BAFFLE FILTER	<u>—</u>
MANHOLE LOC	<u>Front</u>
6" PORT LOC	<u>—</u>
WATERTIGHT TEST	<u>—</u>
SEPTIC TANK 2 LEVEL <u>—</u>	
CAPACITY	<u>—</u> GAL
SEAM LOC	<u>—</u>
TANK LID DEPTH	<u>N/A</u>
BAFFLES	<u>N/A</u>
BAFFLE FILTER	<u>—</u>
MANHOLE LOC	<u>—</u>
6" PORT LOC	<u>—</u>
WATERTIGHT TEST	<u>—</u>

PRE-CONSTRUCTION

9/30/02 Lot staked, contour not as shown, trenches will be more parallel to house. (SO)

INSTALLATION

9/30/02 Tank set (SO) 10/1/02 OK to cover all work (SO)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

10/1/02

MICHAEL T ROSE CO

FROM: HOCO EnvHealth

FAX NO.: 4103132648

Nov. 21 2000 09:14AM P:

**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: C. MAYES P&H Telephone #: 410 923 0510
Address: 638 CENT. AVE
MILBERSVILLE, MD
21108

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): CHARLES MAYES License # 3276
*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: MIR LANE LLC Telephone #: 301 933 3110
Subdivision: CATAP RIDGE Lot #: 32 Well Tag #: HO 72-2435
Site Address: 15017 ROLLING HILLS DR
GREENWOOD, MD 21738

Submersible Pump Data

Make: INVER
Model #: 24950 7800
Pump Capacity: 8 GPM
Well Yield: 10 GPM

Pitless Adapter

Make: CHAPPEL
Model #: 6X10
Depth: 92" (36" min)
NSP approved: YES

Well Cap and Electric Conduit

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

Depth of well encountered at time of pump installation: 126 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 178.4

Surge arrestor or Cable guards are required - Must circle one

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

Piping to house

Type: PVC
PSI: 160 (160 psi min)
Depth of supply line: 12 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: YES
Approximate length of sleeve: 4
Sleeve caulked and sealed properly: YES

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

Signature of company representative responsible for installation: Charles Mayes

12-9-02
date

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

Date Insp. Requested: 11/22/02

Date Insp. Approved: 11/22/02 (50)

Inspection Data: Pitless adapter and water supply line at least 36" below grade

Two piece cap installed and attached to casing securely

Elec. conduit extends at least 18" below grade/attached to cap properly

Safety rope installed inside of well casing

Correct well tag attached properly and casing 8" above finished grade

Water supply line sleeved adequately at house connection

Adequate grout observed below pitless adapter

FROM : RALPH WAYNE WELLS DRILLING

APPLICATION

PERCOLATION TESTING

A 58993

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2840

DISTRICT _____

DATE 9-25-97

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 J. Thomas Scribner

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER c/o L D AD

ADDRESS 10805 Hickory Ridge Suite 205 PHONE 110-740-2100

Columbia, MD 21041

PROPERTY LOCATION:

SUBDIVISION Han Rei LOT NO. 28 + 29 + 31 + 32

ROAD AND DESCRIPTION Rte 97

TAX MAP 21 PARCEL # 1337 3

SIZE OF LOT 1.00 TYPE BLDG. SFD (38 LOTS)

(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

LOT 38

COUNTY #

SOIL PROFILE

412

yellow
brown
SiCLm

lgt
yellow
tan
SaLm

411

red
brown
SiCLm
2090
Rx frog

orange
SiLm
1500 Rx

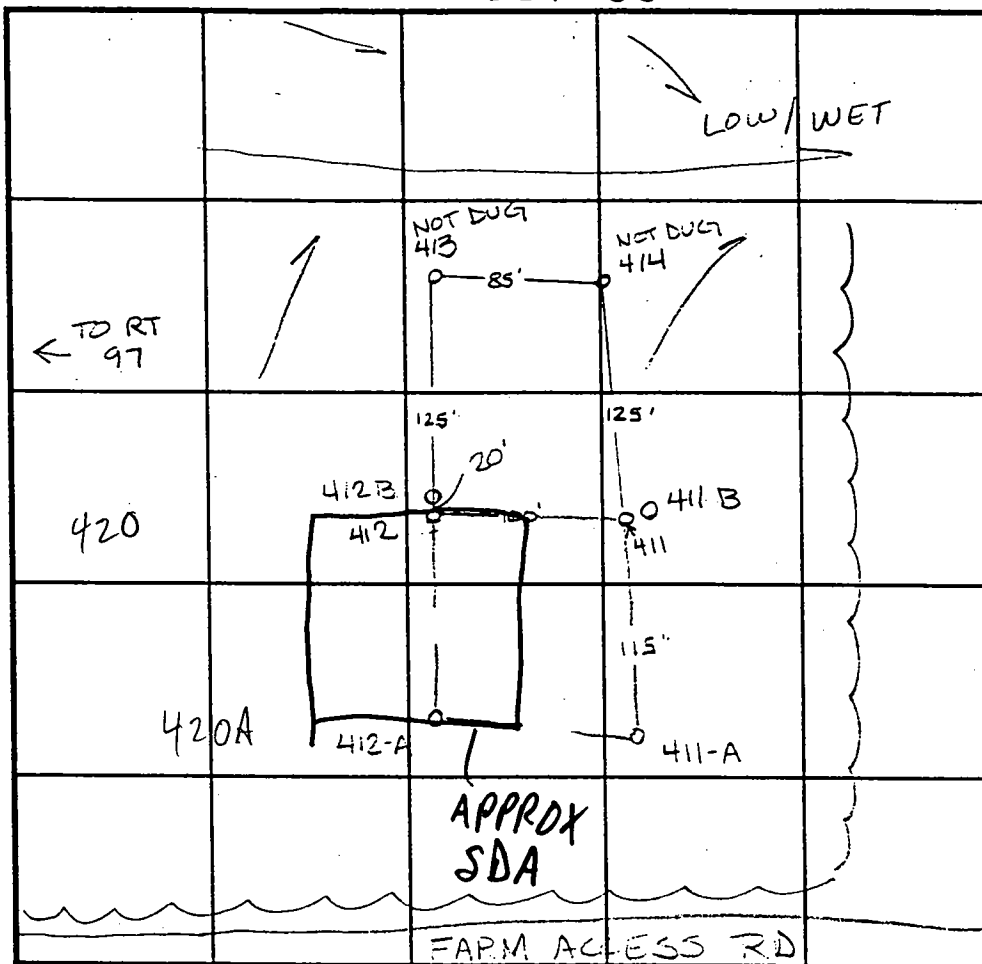
dark
dull brn
4 gsc
micaceous
possible
H₂O

411-A

orange
yellow
SiCLm

lgt or
SiLm

lgt gr.
yellow
SiSaLm
pockets
of >50%
Rx at
7.5



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

412-A

orange
brown
SiCLm
orange
brn
SiSaLm
1090
Rx

411-B

red brn
CLm
lgt pink
SiSaLm
1090 Rx
slightly
mottled brn
SiLm 308
decayed feldspa

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-4-97	412	4.0 V10.0	10:47 ³⁰	11:52	11:52	11:56 ³⁰	4 1/2 min ✓
	411	4.5 V11.5	11:05 ⁴⁵	11:15	11:15	11:45	30 min WET
	412B	Visual	- refusal at 3.0 - clay to				
		5.0	Insuffic. depth to bedrock				
	411-A	3.0 V11.0	11:11 ³⁰	11:13	11:13	11:15	2 min
		6.5 V11.0	11:08	11:11	11:11	11:14	3 min
	412-A	4.0 V11.5	11:55	12:00	12:00	12:12	12 min ✓
2-9-98	411-B	Visual	to 120 - see profile —				OK
11/4/97	420 v	12	SiLm	to 412			
	420A	3.5 10	SiLm	to 412			5 ✓

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT D Reuser

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

7

TRENCH WIDTH

2

INLET DEPTH

3.5

MAXIMUM BOTTOM DEPTH

7.5

SQ. FT/BEDROOM

180

SECTION 1-A BOUNDS

DISTANCE	
N	83.63'
E	108.72'
S	118.41'
W	15.00'
E	7.00'
W	19.13'

CONSERVATION AREA #1-B BOUND AND DISTANCE

N	23°51'08" W	90.00'
N	03°48'12" E	111.00'
N	03°41'20" W	110.93'
N	34°41'43" E	195.00'
N	34°41'43" E	647.14'
S	64°46'10" E	561.91'
S	21°24'00" W	561.91'

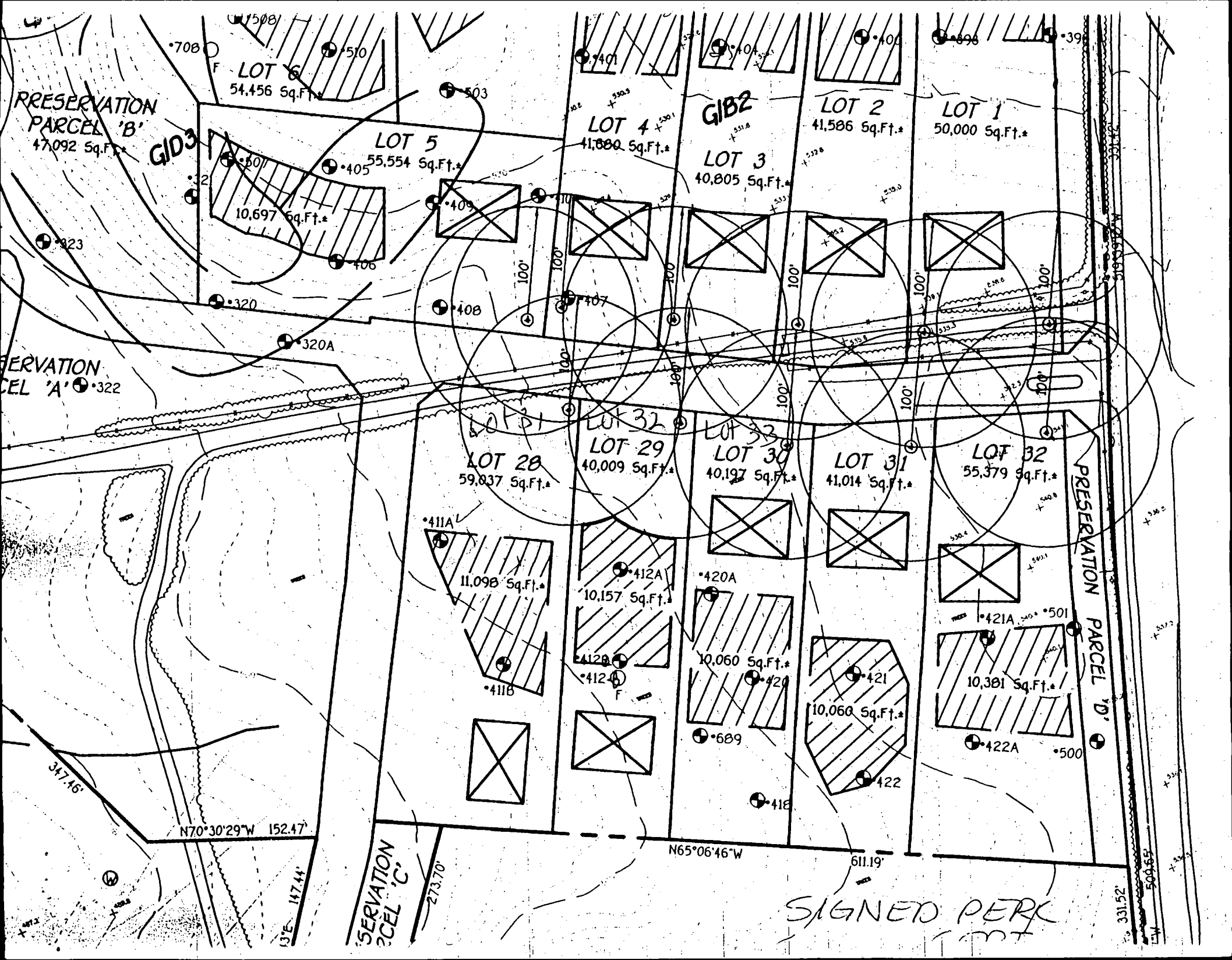
17°43'E
 11.72'
 283
 273.72'
 118°34'57"E
 516°34'57"W 509.65'
 716
 561.91' (FCE)
 560°17'36"E 576.05'
 219.23' (FCE)
 147.43'
 30'
 115.00'
 110.00'
 106.33'
 164.13'
 75'
 516°34'57"W 108.95'
 521°24'00"E 202.94'
 521°24'00"W 141.30'
 235.91'
 509.65'
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Conservation Easements
 is Successors And Assigns. All Easements shown On This Plan For Water, Sewer, Storm Drainage,
 sation (Designated As "Forest Conservation Area"), Located In On Over, And Through Lots 4
 Am Conveyances Of The Aforesaid Lots Shall Be Subject To The Easements Herein Reserved.
 The Deeds) Conveying Said Lots(S). Developer Shall Execute And Deliver Deeds For The Easements
 With A Metes And Bounds Description Of The Forest Conservation Area. Upon Completion Of The
 By Howard County, And . In The Case Of The Forest Conservation Easement(S), Upon Completion
 The Forest Conservation Installation And Maintenance Agreement Executed By Developer And The
 Under The Surety Posted With Said Agreement. The County Shall Accept The Easements And Record The
 and Records Of Howard County.

ON FOR SHEET 2

Lots To Be Recorded	19
To Be Recorded	1
To Be Recorded	21
To Be Recorded	21,082 Ac.
To Be Recorded	21,082 Ac.

MARYLAND
 (MARYLAND STATE ROADS COMMISSION PLAT No. 9595)
 (MINOR ARTERIAL)
ROUTE
COUNTRYSIDE DRIVE
OWNER AND DEVELOPER
 SYNDACON PROPERTY, INC.
 c/o BRS DEVELOPERS, LLC
 ATTENTION: Mr. J. THOMAS SCRIVENER
 8808 CENTER PARK DRIVE, SUITE 209
 COLUMBIA, MARYLAND 21045
OWNER'S CERTIFICATE
 J. Thomas Scrivener, Pre
 In Consideration
 Restricti

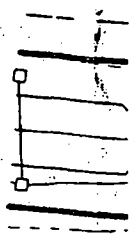


ROLLING HILLS DRIVE

E N 586200

506

10' TREE E-SE



PROVIDE STANDARD 14"x9" CMP DRIVEWAY CULVERT PER HO. CO. DETAIL R-6.06

KANSAS GAR
FF. 526.6
B. 516.6
INV. 517.7

1500 Gal. Septic Tank
Inv. In = 517.1
Inv. Out = 516.8
Distribution Box
Ex. Grd = 520.7
Inv. = 516.7

*BSMT DOES NOT SEWER BY GRAVITY

E N 585900

33
ZONED
RC-DEC

LOT 32
5,567 S.F.

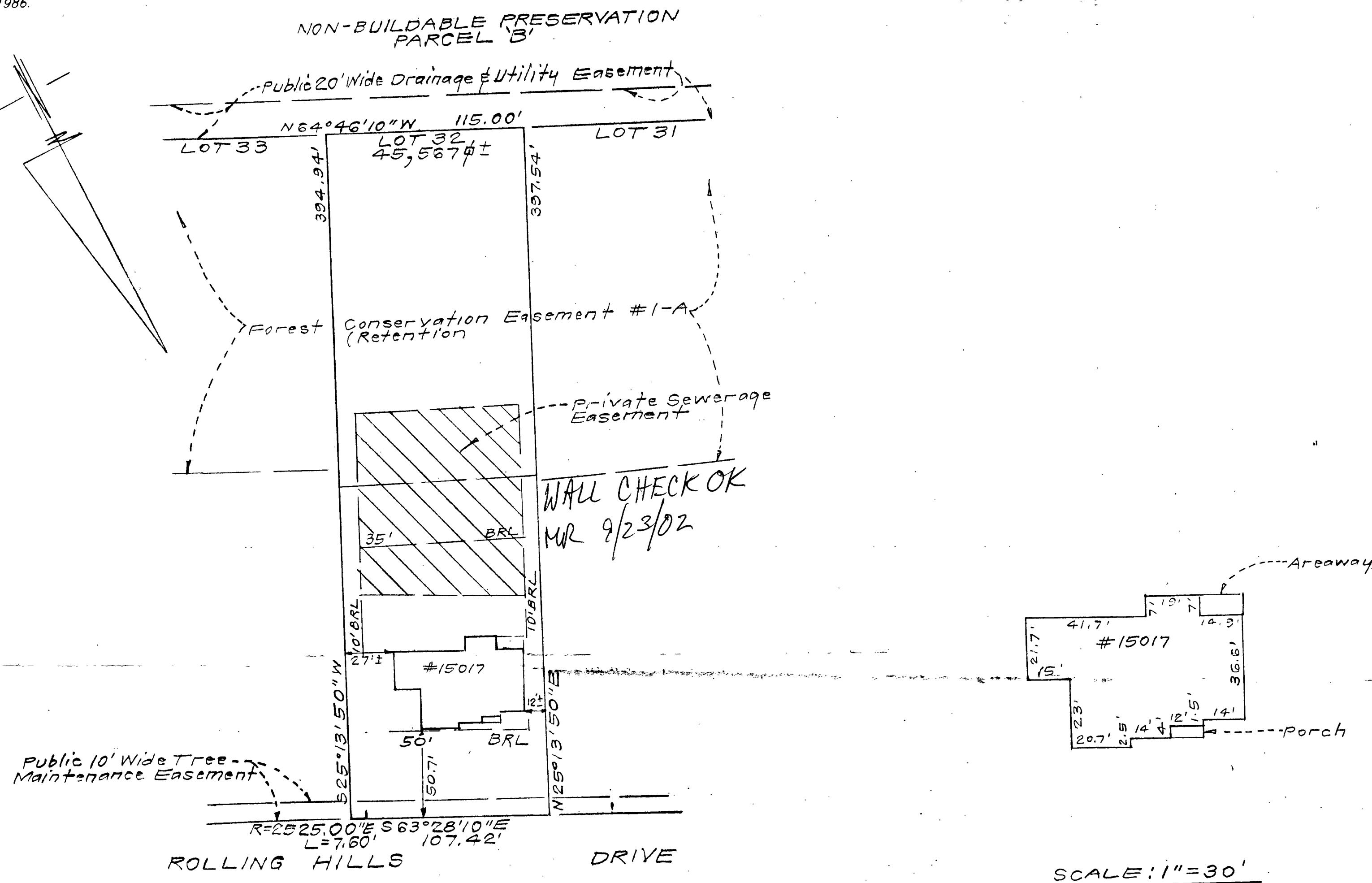


N 64° 46' 10" W
115.00'

512

NOTE: This lot appears to lie in an area classified as Zone C, area of minimal flooding, as shown on FIRM MAP of Howard County, Maryland, Community Panel Number 24004400208, Panel 20 of 45, dated December 4, 1986.

Wall Check: 5-17-02
Top of Wall Elev.: 525.4



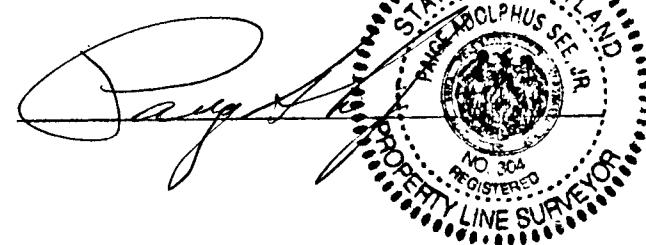
CONSUMER INFORMATION

1. This plat is of benefit to the consumer only insofar as it is required by a lender of a title insurance company or its agent in connection with contemplated transfer, financing or refinancing purposes;
2. This plat is not to be relied upon for the establishment or location of fences, garages, buildings or other existing or future structures;
3. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of this property has been made under my supervision for the purpose of locating the improvements shown hereon, and that they are located as shown.

5-21-02
DATE



NOTES:

1. The ± setback distance accuracy = 1'.

Plat Reference: PLAT No. 14157

		CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS	
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.			
DESIGNED	LOCATION DRAWING 15017 ROLLING HILLS DRIVE LOT 32		SCALE 1" = 50'
DRAWN	CATTAIL RIDGE		DRAWING
CHECKED	LOTS 4 THRU 37 AND PARCELS 'A' THRU 'C' (A RESUBDIVISION OF "CATTAIL RIDGE", LOTS 1 THRU 3, PLAT NO. 13626 AND THE RESIDUE OF SYNDACON PROPERTY, INC., LIBER NO. 4228 AT FOLIO 464)		JOB NO.
DATE	"FOURTH ELECTION DISTRICT" HOWARD COUNTY, MARYLAND		FILE NO.
5-21-02			99-050-0

6/3/03
B00142232
No septic
or well issues
with proposed
deck

KN

ROLLING HILLS DRIVE

10' TREE & MAINT. EASEMENT

PROVIDE STANDARD 14"X9" CMP DRYWAY CULVERT PER H.O. CO. DETAIL R-6.06

KANSAS GAR.
FF=526.6
B=516.6
INV. 517.7

1500 Gal. Septic Tank
Inv. In = 517.1
Inv. Out = 516.8

Distribution Box
Ex. Grd = 520.7
Inv. = 516.7

*BSM'T DOES NOT
SEWER BY GRAVITY

LOT 32
5,567 S.F.

20' DRAINAGE & UTILITY EASEMENT

1500 Gal. Sep.
Inv. In = 504.6
Inv. Out = 504.3
Distribution Box
Ex. Grd = 508.2
Inv. = 504.2