

4/24/99
Met Contractor (Seung) @ site @ 10 or 10:30 AM
To resolve irregular site layout.
3/6/00 3pm
3/7/00 P.M.
Late P.M.
3/14/00 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXX 410-313-2640

INDEXED

#331733

P 513131

A 58589-E

DISTRICT _____

DATE 11-18-1999

DATE SYSTEM APPROVED 4/24/00

INSPECTOR S.R.K.

4/24/00
WOOD
PUMP REAF.

S K Backhoe & Septic Service

IS PERMITTED TO INSTALL ☒ ALTER _____

ADDRESS 1220 Francis Scott Key Hwy, Keymar, MD 21757

PHONE 301-898-0955

SUBDIVISION Woodford's Grant III LOT 9 ROAD 11175 Willow Green Way

PROPERTY OWNER Trinity Builders

ADDRESS
TOP SEAMED SEPTIC TANK REQUIRED

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180✓

PUMPED SEPTIC SYSTEM PROPOSED

INSTALL: 1-1250 Gallon Top Seamed Pump Chamber

NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 2 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 10 feet off the rear (134.05') lot line and 10 feet off the left-rear (112.18') lot line as seen from Willow Green Way. Run trenches along contour towards the 134.05' lot line and the 91.70' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ON 10/4/99 SRN

PLANS APPROVED BY Donna K. Soe

DATE 9-14-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 25/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

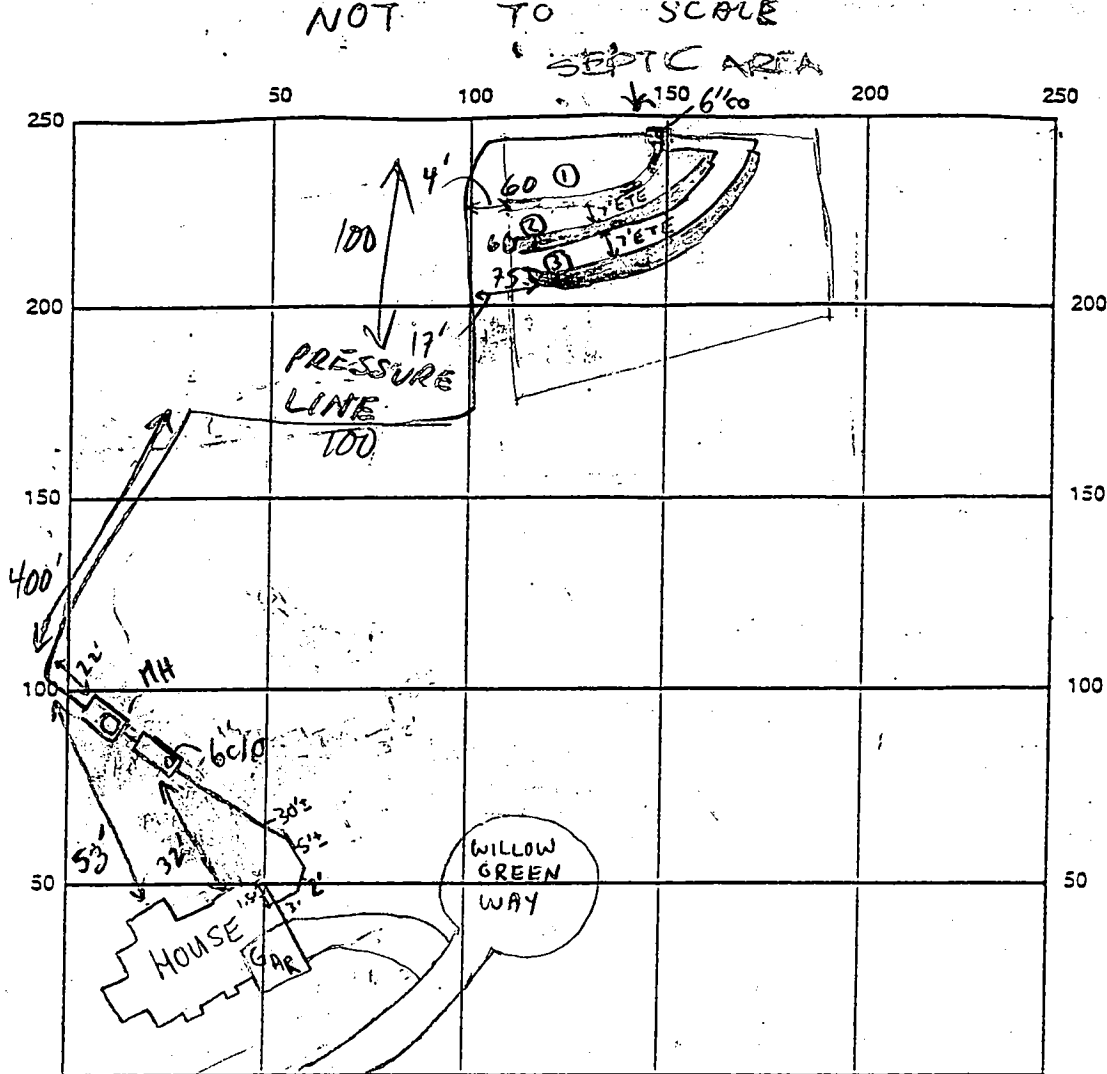
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 4 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

PERMIT SKIPPED
AND RETURNED 2-14-02
B00134360
20x27 Screened Porch
2/14/16 DECK



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ✓ 1250 Top Seom Septic Tank 6" on Septic Tank, 6" on DBOX
✓ 1250 Top Seom Pump Tank CLEANOUTS Manhole on Pump Tank

DISTRIBUTION BOX LEVEL ✓ Baffle is in

DRAIN FIELD TILE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 60 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA 780 SQ. FT.

DRYWELL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 11/19/99 Due to irreg. topo install DB in center of SDA as shown above
and run trenches on contour initially to the right, then in both directions A
3/6/00 NO TANKS SET. D/S 3/7/00-MET CONTRACTOR AT SITE FOR REVISED

LAYOUT INSP., BECAUSE OF CONTOUR ISSUES, BEST SYSTEM LAYOUT IS TO INSTALL DBOX IN CTR(±) OF
UPPER EDGE OF SDA AND RUN 3x 60' TRENCHES TOWARDS THE 112.1 LOT LINE, UPPER LEFT CORNER OF
SDA IS COMPROMISED BUT CONTOUR LIMITS ITS USE -SRW 3/9/00-1ST TRENCH INSTALLED ON CONTOUR
INSTALL OTHER TRENCHES 7' ETC MINIMUM TO SAVE AREA -SRW 3/13/00 OK TO COVER ALL
TRENCHES, LEAVE OPEN COUPLINGS, LAST TWO BENDS @ PUMP PIT (NR)
 DATE SYSTEM APPROVED 4/24/00 INSPECTOR Steven R. Krieg

3/14/00 OK TO COVER PRESSURE LINE, HOLD FOR PUMP INSP (NR)
4/24/00 - PUMP OK, HIGH WATER ALARM OK -SRW

3/7/00 Revised DBX LOCATION per SRM

Approved Septic System Plan
Howard County Health Department

Signature _____

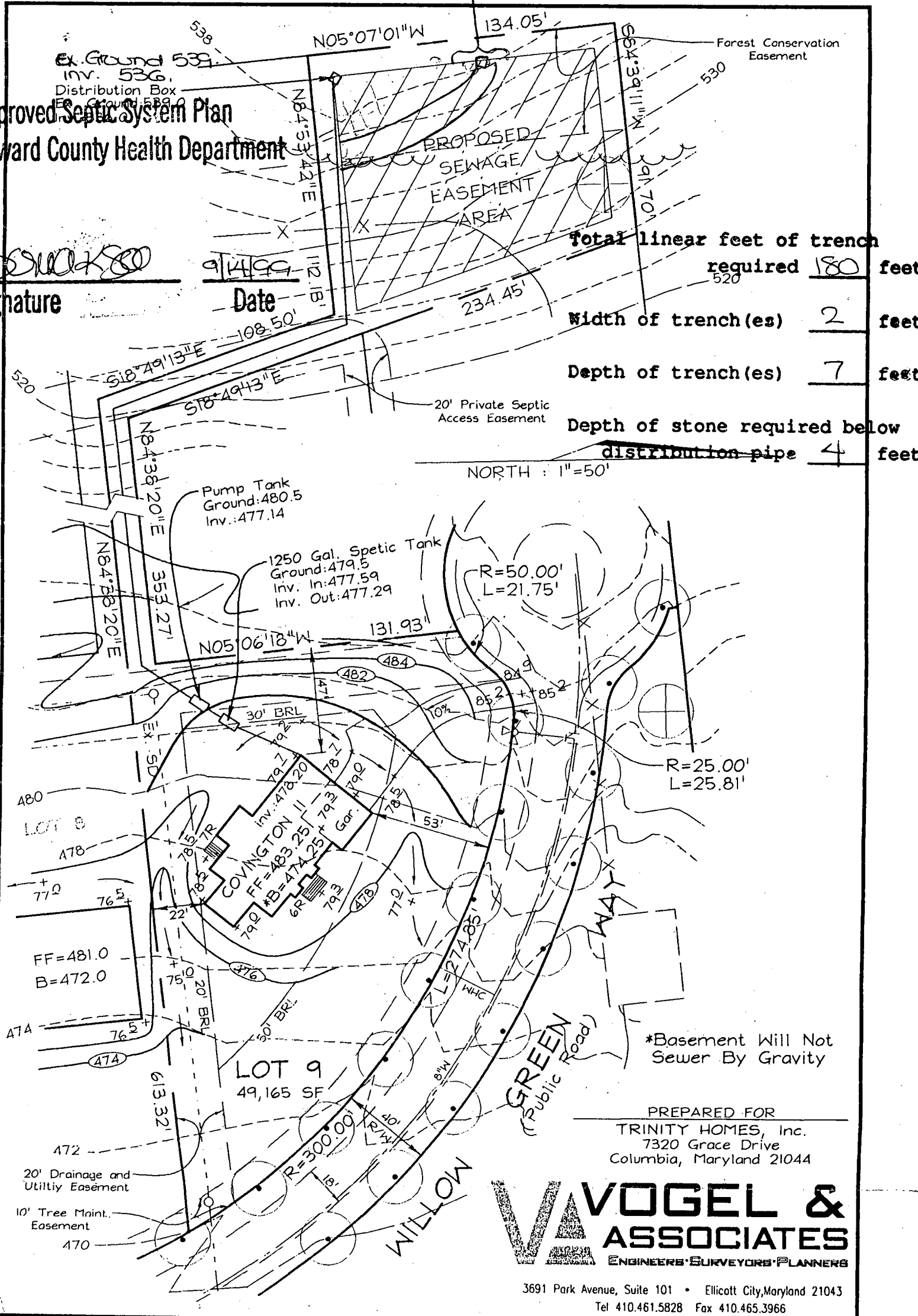
Date 9/14/99

Total linear feet of trench required 180 feet

Width of trench(es) 2 feet

Depth of trench(es) 7 feet

Depth of stone required below distribution pipe 4 feet



SCALE 1"=50'
DRAWN BY PS
CHECKED BY JCO
DATE Aug. 17, 1999
W. O. # 98-097

PLOT PLAN
LOT 9
WOODFORDS GRANT III

TAX MAP 10 BLOCK 22 REFERENCE PLAT'S 13800-13802
PARCEL 293 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

APPLICATION

PERCOLATION TESTING

A 58589

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 7/29/97

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 L D & D

ADDRESS 10805 Hickory Ridge Rd Suite 215 Cal, MD 21047 PHONE 410-740-2600

AGENT OR PROSPECTIVE BUYER LAND DESIGN & DEVELOPMENT

ADDRESS 10805 Hickory Ridge Rd Suite 215 Cal, MD 21047 PHONE 410-740-2600

PROPERTY LOCATION:

SUBDIVISION Willow Wood LOT NO. _____

ROAD AND DESCRIPTION Marriottsville Rd

TAX MAP 10 PARCEL # 293

SIZE OF LOT 1 acre TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 9/14/99
SFA-4 BRMS
BOORLOI25

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 _____

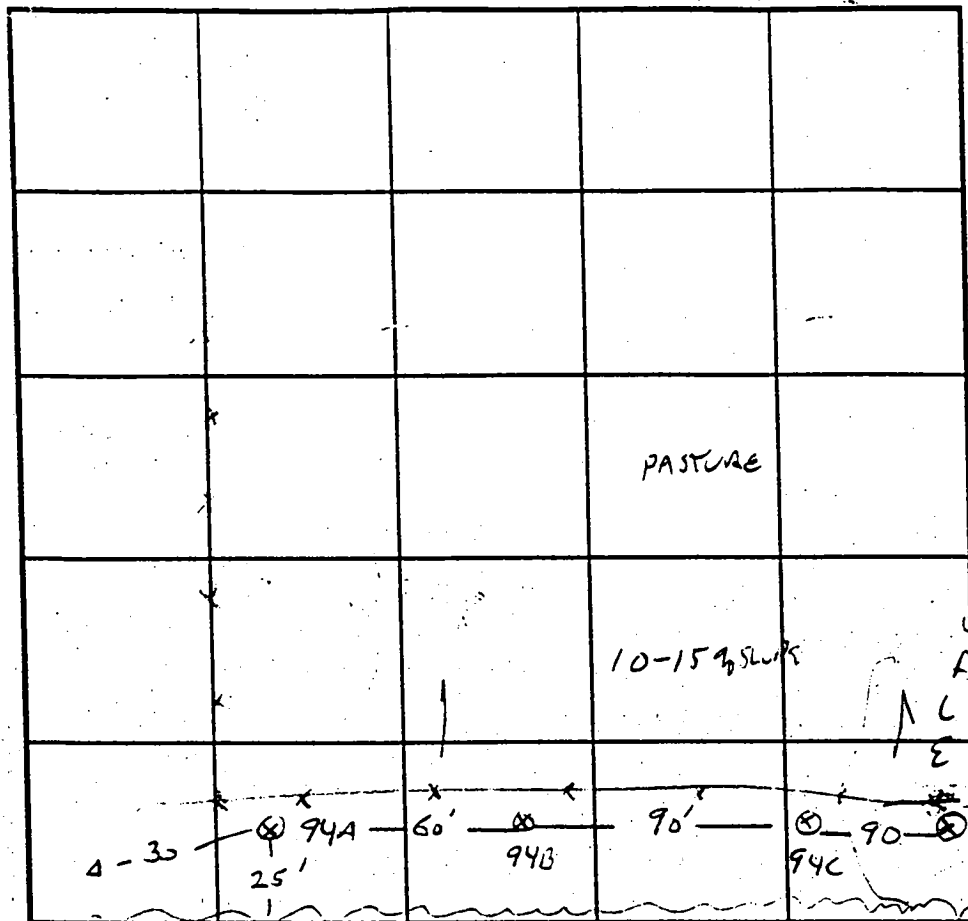
REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT

A 58579
COUNTY #



SOIL PROFILE 94A TYPICAL		SOIL PROFILE
0'		0'
TOPSOIL	3"	
BROWN SANDY MICA C.L.	3"	
BROWN MICA SANDY LOAM		
20% PLATY MICA		
	9.5'	

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/4/97	94A	5' / 9.50	10:31	13 SEC		10:31:45	44 SEC *
		7	10:31:30			10:32	30 SEC
	94B	11.0					
	94C	6' / 11.50	10:47:47	10:48:16	10:48:16	10:49:10	54 SEC
		4.5	10:50:54	10:53:53		10:59:40	6 MIN
	94D	1	IN CENTER LINE OF SLOPE				F
	SEE TABLE	94A REOIG		11/18/97	2 MIN @ 5'	THEN 4 MIN REPOUR	

REMARKS 1 OF 4

TYPE OF SOIL

TESTED BY G SAVAGE

ALSO PRESENT D. KERR, J. SPANU, MIKE KASTNER + CREW

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

A 58589

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 7/29/97

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

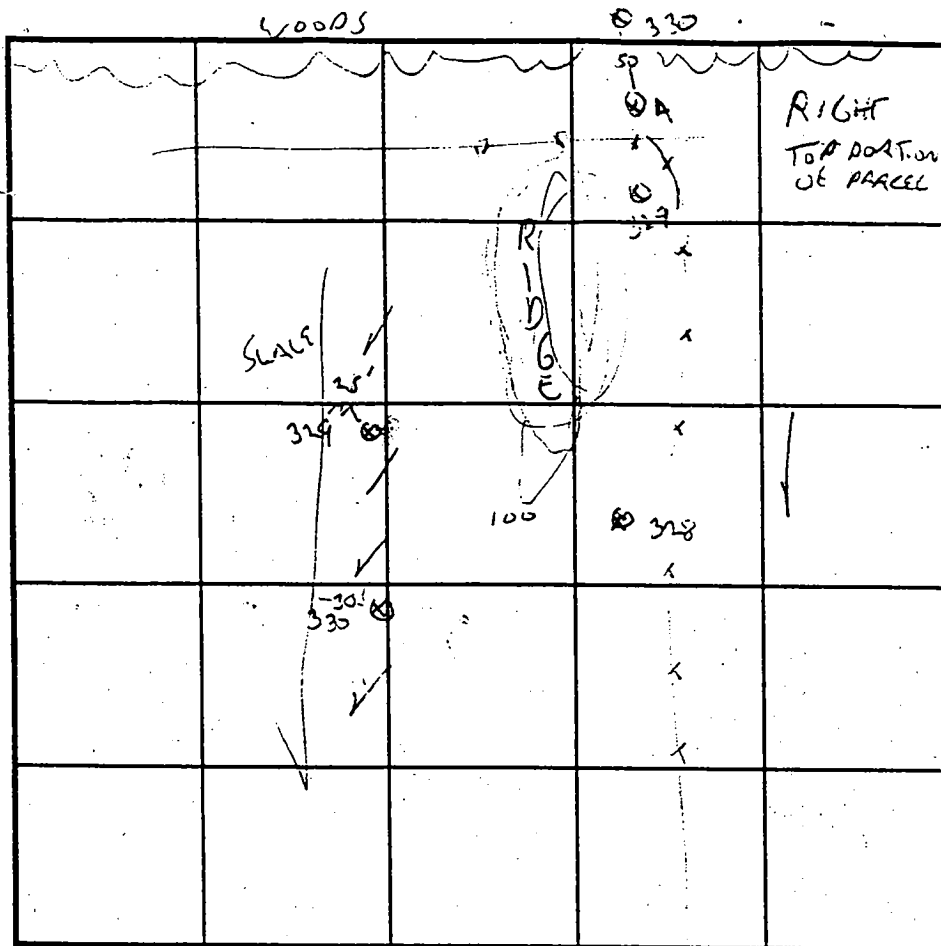
HOLD PENDING FURTHER TESTS _____

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



SOIL PROFILE 329

0' Brown CL

REDSIS. BR. SANDS
COARSE MICA
SANDY CO. RM
MANGROVE
COARSE
TUMULOUS
DAMP -
WATER

14.5'

4 58589
COUNTY #

SOIL PROFILE 330

0' TOP SOIL

1' 10YR 5/6
CL SANDS
S.B. SAND

5' 7.5 YR
4/6
SANDY
LOAM
MICROCL.

6' 4' BR
R.O. TO
GY BR
SL
10YR 8/6
- 8/2 PUCKY
2.10.5'

14' WATER

328

8" TOP SOIL

8" Brown CL

2.5' R.O. -
Brown
SL

330

BR
CL

BR
LOAM

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3/2/98	328	7/12L	307	312	→	318	6 MIN
		3.5	308	310	310	314	4 MIN
	329		322.30	323.15		324.30	45 SEC
		at 30' BELOW 'A'	322.30	323.15			
	330	4' / 12	336	338	338	341	3 MIN

REMARKS SUPPLEMENTAL TESTING TO SUPPORT CURRENT APPROVAL

TYPE OF SOIL _____

TESTED BY G. SAUGE ALSO PRESENT BOB STEEL

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

1-3391500

602,750

N84°38'20"E

WILLOW GREEN WAY

Copy of signed
here

LOT 10
40,000 SQ FT
516L
499.6

LOT 11
501,000 SQ
16A

LOT 9
50,069 SQ FT

LOT 8
48,936 SQ FT

LOT 12
56,130 SQ FT

LOT 7
50,000 SQ FT

LOT 13
50,000 SQ FT

LOT 6
49,263 SQ FT

LOT 14
4,420 SQ FT

LOT 15
43,426 SQ FT

LOT 5
49,374 SQ FT

WILLOW GREEN WAY
64' R.O.D.

P. 238
WILLIAM J. BULL
708 / F. 206
R.C.-CEO

GIC2

GAB2

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 9

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 10

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 8

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 11

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 12

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 7

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 13

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 6

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 14

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 5

PROPOSED
SEWAGE
EASEMENT
AREA
FOR LOT 15

PROP. 20'
WATER
ESMT
(PUBLIC)

PROP. 30' WATER,
DRAINAGE & UTILITY
ESMT (PUBLIC)

24' USE-IN-COMMON
EASEMENT (PRIVATE)

24' USE-IN-COMMON
EASEMENT (PRIVATE)

PROP. 30' WATER,
DRAINAGE & UTILITY
ESMT (PUBLIC)

57.15

FREDRICK I. MUL
L 3109 // F. 435
RC-CEO

PERIMETER LANDSCAPE ④ = 480 L.F.

CREDIT = 65'

N84°37'37"E

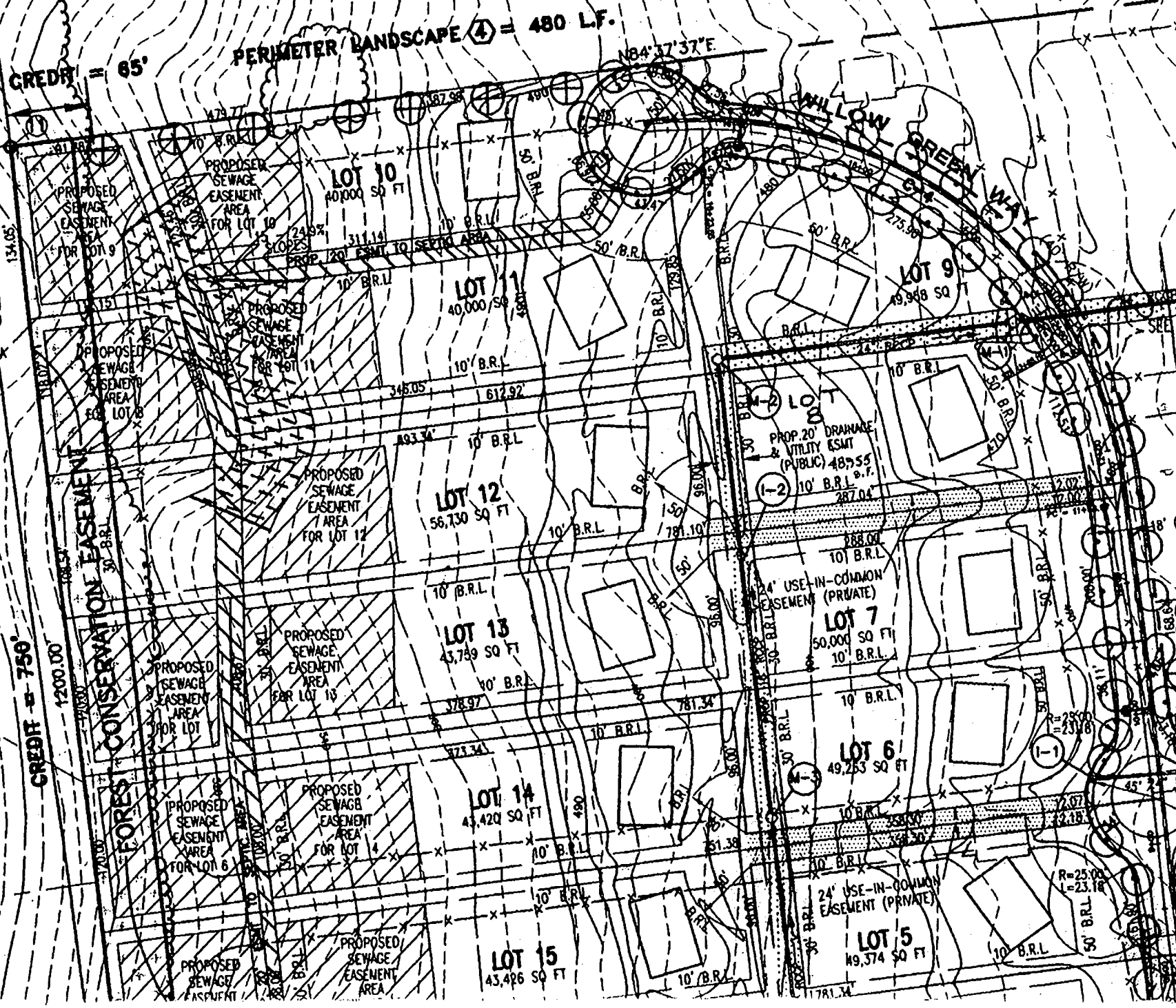
P. 213
MICHAEL P. VECERA
L 644 // F. 18
RC-CEO

1,339.500
602.500

CREDIT = 750'

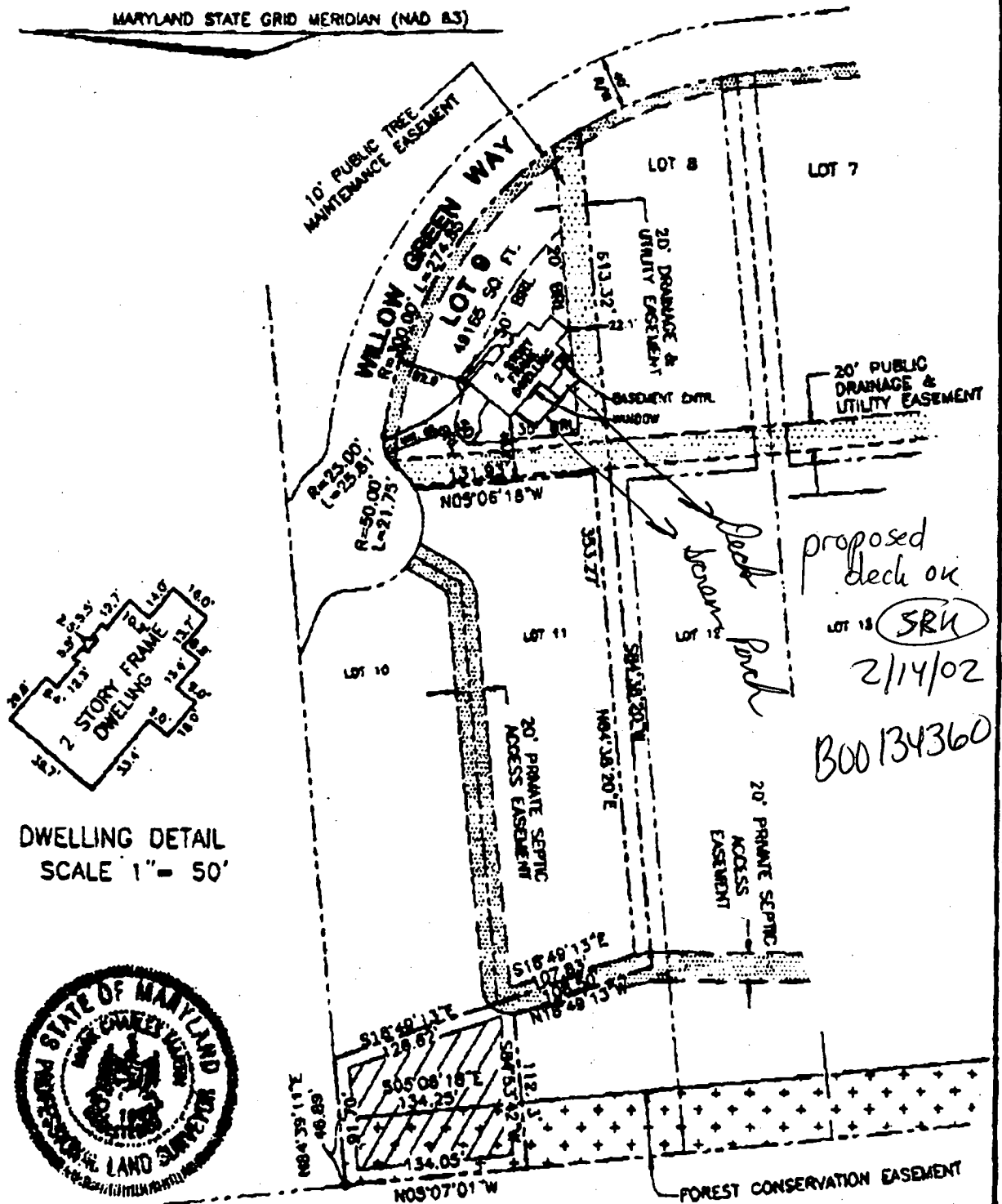
P. 238
WILLIAM J. BULL
L 708 // F. 206
RC-CEO

copy of signed
paving



FUTURE IMPROVEMENTS. THIS PLAT DOES NOT PROVIDE THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING. THIS PLAT CONTAINS A TOLERANCE OF ACCURACY OF 0.2' MORE OR LESS.

MARYLAND STATE GRID MERIDIAN (NAD 83)



RECORD REFERENCES

USER/FOUO
PLAT BOOK
PLAT NO./FOUO 13802

SCALE 1" = 100'
DATE 4/27/2000

LOCATION SURVEY OF

LOT 9

WOODFORDS GRANT III

HOWARD COUNTY

MARYLAND

VOGEL & ASSOCIATES, INC.

3891 PARK AVE. #101 ELLICOTT CITY, MD 21043
TELEPHONE (410)481-5828 FAX (410)485-3888

I HEREBY CERTIFY THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN HEREON AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

Mark C. Martin 4/27/2000
MARK C. MARTIN PROFESSIONAL LAND SURVEYOR NO. 10084