11/21/00
Late AM
3/16/01
10 - 11 AM

Need Perc Test

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 514636

A 58589-C

#331512

INDEXED

DISTRICT

DATE 11/8/2000

DATE SYSTEM APPROVED 3/16/01

INSPECTOR BB

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

S K Backhoe IS PERMITTED TO INSTALL X ALTER

ADDRESS 1220 Francis Scott Key Hwy, Keymar, MD 21757 PHONE 301-898-0955

SUBDIVISION Woodford's Grant III LOT 4 ROAD 11139 Willow Green Way

PROPERTY OWNER Trinity Builders

ADDRESS 7320 Grace Drive, Columbia, MD 21044 410-313-8722

COMPARTMENTED SEPTIC TANK REQUIRED

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 4 ~~3~~

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

PUMPED SEPTIC SYSTEM PROPOSED

INSTALL: - 1-1500 GALLON COMPARTMENTED PUMP CHAMBER REVERSED

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

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 10 feet from the right lot line, and 15 feet from the rear lot line. Run trenches along contour toward opposite side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 7/27/00 O.K. (BB)

PLANS APROVED BY Craig Williams, R.S. DATE 11-20-1999

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 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 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.

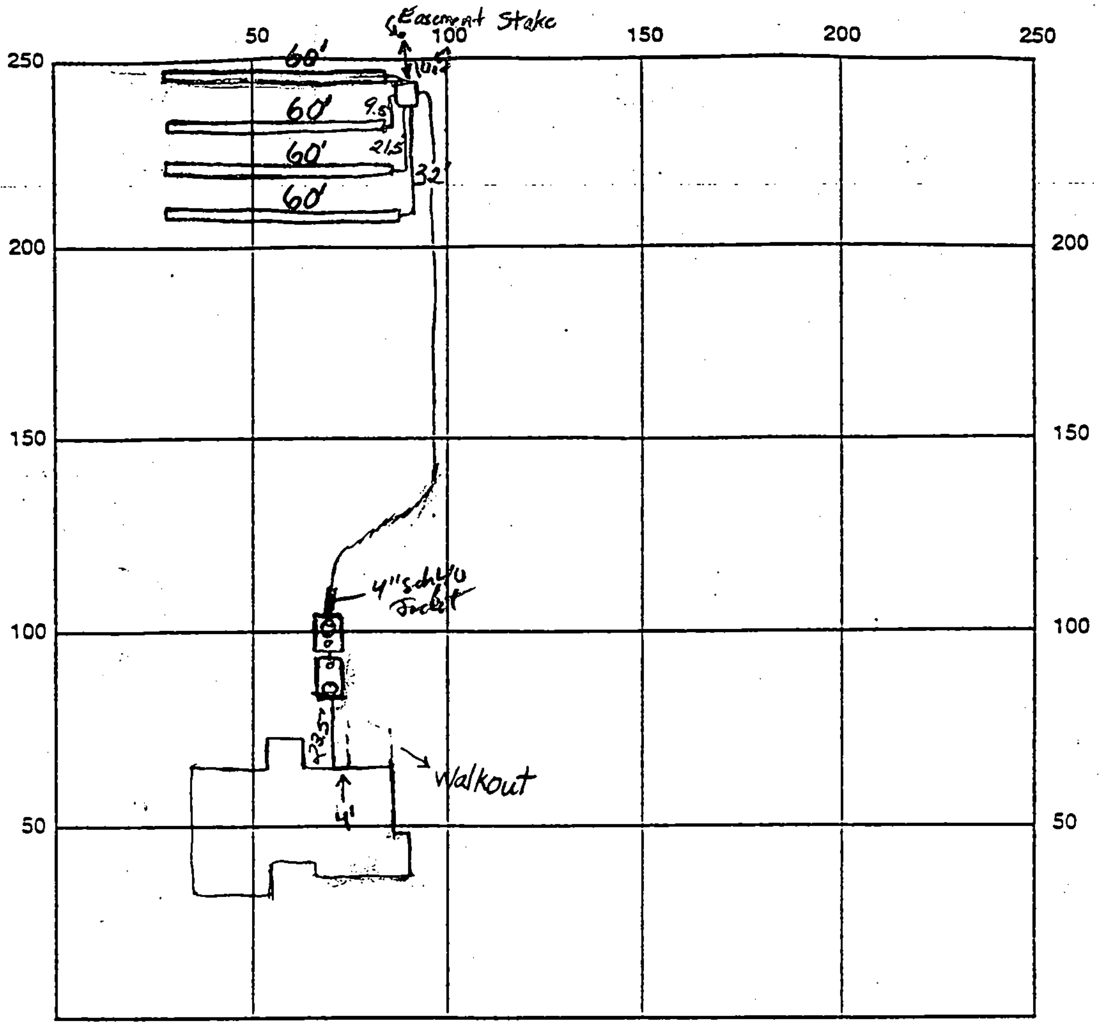
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

58589-C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Willow Green Way - Public Water

SEPTIC TANK LEVEL 2-1500 gal compartmented CLEANOUTS ✓(Both PC+S.T.) Manhole risers @ 3'
[illegible] 1000+500+500 = 2000 gal S.T. + last chamber = 1000 gal PC.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5.0' FT. TRENCH WIDTH 3.0' FT. INLET DEPTH 3.0' FT.

EFFECTIVE GRAVEL DEPTH 2.0' FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER / FT. EFFECTIVE DEPTH BELOW INLET / FT.

ABSORBENT AREA / SQ. FT.

REMARKS: 11/20/00 O.K. to cover trenches. Need to finish running 2" line and tanks. (BB) Tanks + pump chamber OK to cover, [illegible] 11/21/00
Needs Pump Test 3/16/01 Pump and alarm working. (BB)

DATE SYSTEM APPROVED 3/16/01 INSPECTOR Brian Baker

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)313-3600

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B00124707

Building Address 11139 WILLOW CREEK WAY
MARRIOTTSVILLE 21104
Suite/Apt. # _____ SDP/WP/Petition #: GP99-205
Census Tract 6030 Subdivision WOODFORDS GRANT III
Section 3 Area _____ Lot 4
Tax Map 10 Parcel 293 Grid 22
Zoning RC Map Coordinates 5K13 Lot size 47.15 AC

Property Owner's Name Trinity Builders
Address 7320 Grace Dr.
City Columbia State MD Zip Code 21044
Home Phone _____ Work Phone 410-313-8720
Applicant's Name & Mailing Address, (if other than stated hereon):
Phone _____ Fax 410-313-8731

Existing Use Vacant Lot
Proposed Use S.F.D
Estimated Construction Cost $ 100,000
Description of Work CUSTOM IRLANDA W/ CHANGES 2 STORY FULL BSMT, 2 FB, 1 HB, 2 R, FP, GARAGE, HBR

Contractor Company Same
Contact Person _____
Address _____
City _____ State _____ Zip Code _____
License No. _____
Phone _____ Fax _____

Occupant or Tenant N/A
Contact Name _____
Address _____
City _____ State _____ Zip Code _____
Phone _____ Fax _____

Engineer or Architect Company Same
Contact Person _____
Address _____
City _____ State _____ Zip Code _____
Phone _____ Fax _____

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics
Height:
No. of stories:
Gross area, sq. ft. per floor:
Use group:
Construction type:
____ Reinforced Concrete
____ Structural Steel
____ Masonry
____ Wood Frame
____ State Certified Modular

Utilities
Water Supply:
____ Public
____ Private
Sewage Disposal:
____ Public
____ Private
Electric Yes ☐ No ☐
Gas Yes ☐ No ☐
Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐
Sprinkler system: N/A ☐
____ Full
____ Partial
____ Other Suppression
____ # of Heads

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics
SF Dwelling ☒ SF Townhouse ☐
Depth Width
1st floor:
2nd floor:
Basement:
Finished Basement ☐ Unfinished Basement ☒
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms 4
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
____ Manufactured Home

Utilities
Water Supply:
X Public
____ Private
Sewage Disposal:
____ Public
X Private
Electric Yes ☒ No ☐
Gas Yes ☐ No ☐
Heating System:
Electric ☒ Oil ☐
Natural Gas ☐
Propane Gas ☐
Sprinkler system: N/A ☒
____ NFPA #13D
____ NFPA #13R
____ 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.

Sally L Hodge
Applicant's Signature
VP Operations - Trinity
Title/Company

Sally Hodge
Print Name
6/8/00
Date

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		
Health	6/19/00	Mark Rifkin
Fire Protection		

Is Sediment Control approval required prior to issuance? YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐
ONE STOP SHOP: ☐

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
Accepted by

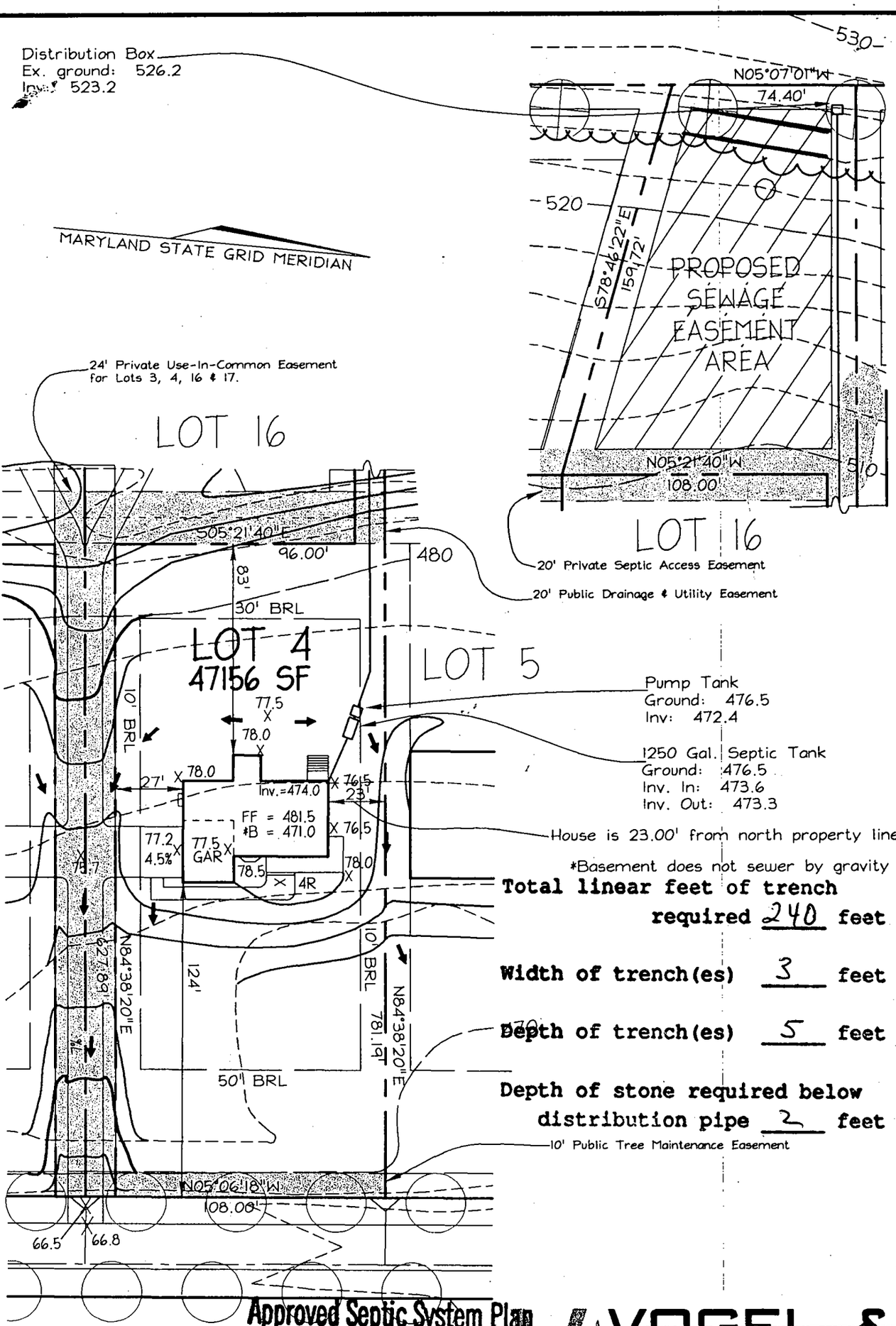
PROPERTY ID#: 1658

Filing fee	$ 25.00
Permit fee	$
Excise tax	$
Sub-total paid	$
Add'l permit fee	$
TOTAL FEES	$
Balance due	$
Check	# 3276
Validation	#

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

s:\permit.frm

Rev. 10/15/98



Approved Septic System Plan
Howard County Health Department

PREPARED FOR
TRINITY HOMES, Inc.
7320 Grace Drive
Columbia, Maryland 21044

VOGEL & ASSOCIATES
ENGINEERS·SURVEYORS·PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

SCALE 1"=50'
DRAWN BY MM
CHECKED BY JCO
DATE June 2, 2000
W. O. # 98-097

Mark Ripken 6/14/00
Signature Date

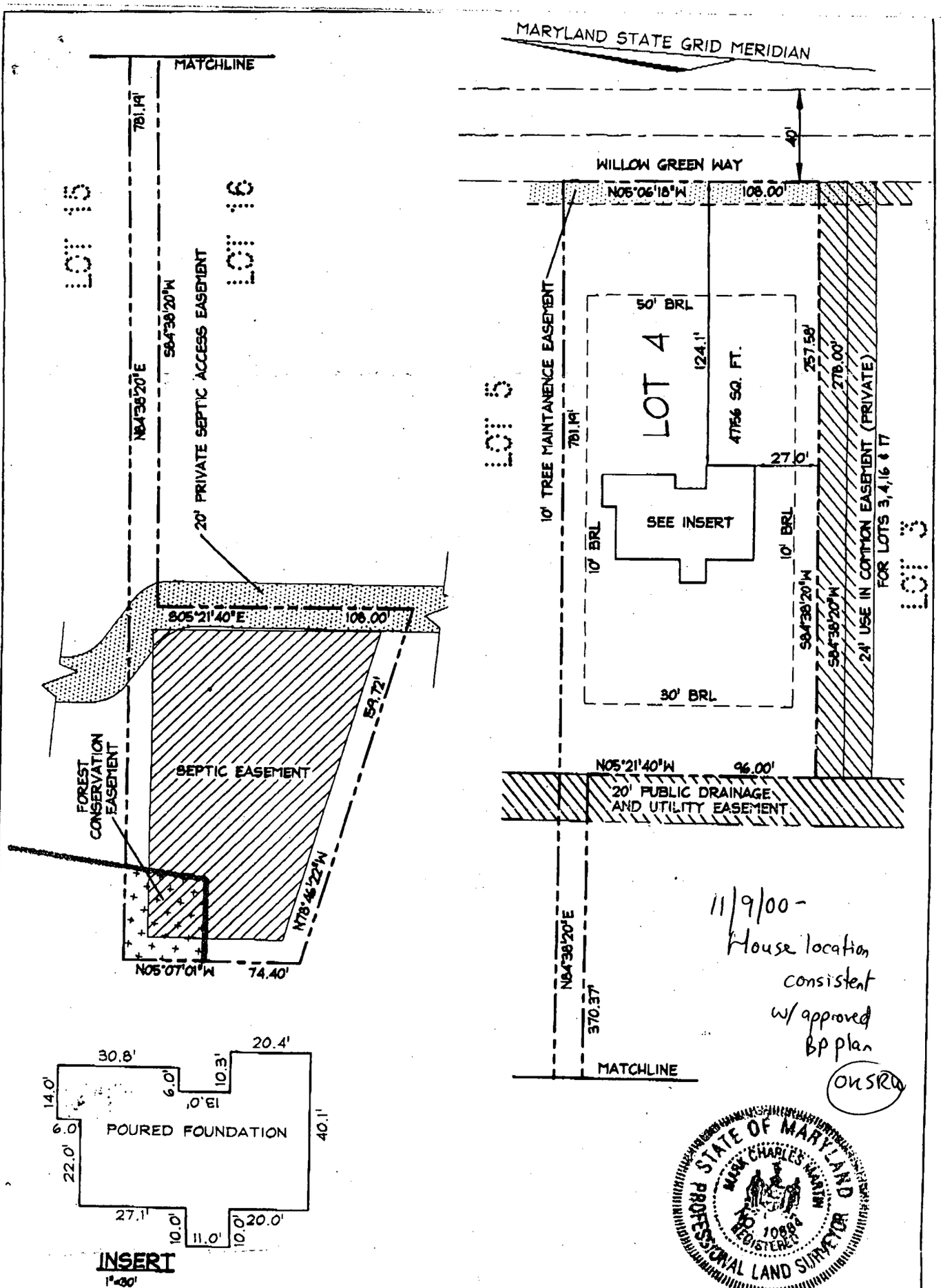
PLOT PLAN
LOT 4

WOODFORDS GRANT III

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

c:\Land Projects\98-097\dwg\802llot4.dwg-mm 06.07.00

GP 99-209



11/9/00 - House location consistent w/ approved BP plan

ONSITE

STATE OF MARYLAND
MARK CHARLES MARTIN
10884
REGISTERED
PROFESSIONAL LAND SURVEYOR

TOP OF WALL ELEV. 477.79'

RECORD REFERENCES	WALL CHECK OF LOT 4 WOODFORDS GRANT III HOWARD COUNTY MARYLAND	VOGEL ASSOCIATES, INC.
LIBER/FOLIO		CONSULTING ENGINEERS-SURVEYORS-PLANNERS
PLAT BOOK N/A		8691 PARK AVE. #101 ELLICOTT CITY, MD 21043
PLAT NO./FOLIO 13801		TELEPHONE (410)461-5828 FAX (410)465-3966
SCALE 1"=50'		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.
DATE 8/30/00		Mark C. Martin 9/1/00
		MARK C. MARTIN, PROFESSIONAL LAND SURVEYOR #10884

C:\Land Projects\98-97\dwg\LOT4CHK.dwg 08/31/00 16:50

11139 Willow Green Way

APPLICATION

PERCOLATION TESTING

A 58589

P _____

DISTRICT _____

DATE 1/29/97

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

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 10365 Hickory Ridge Rd Suite 215 Col, MD 21044 PHONE 410-740-2600

AGENT OR PROSPECTIVE BUYER LAND Design & Development

ADDRESS 10365 Hickory Ridge Rd Suite 215 Columbia, MD 21044 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)

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 _____

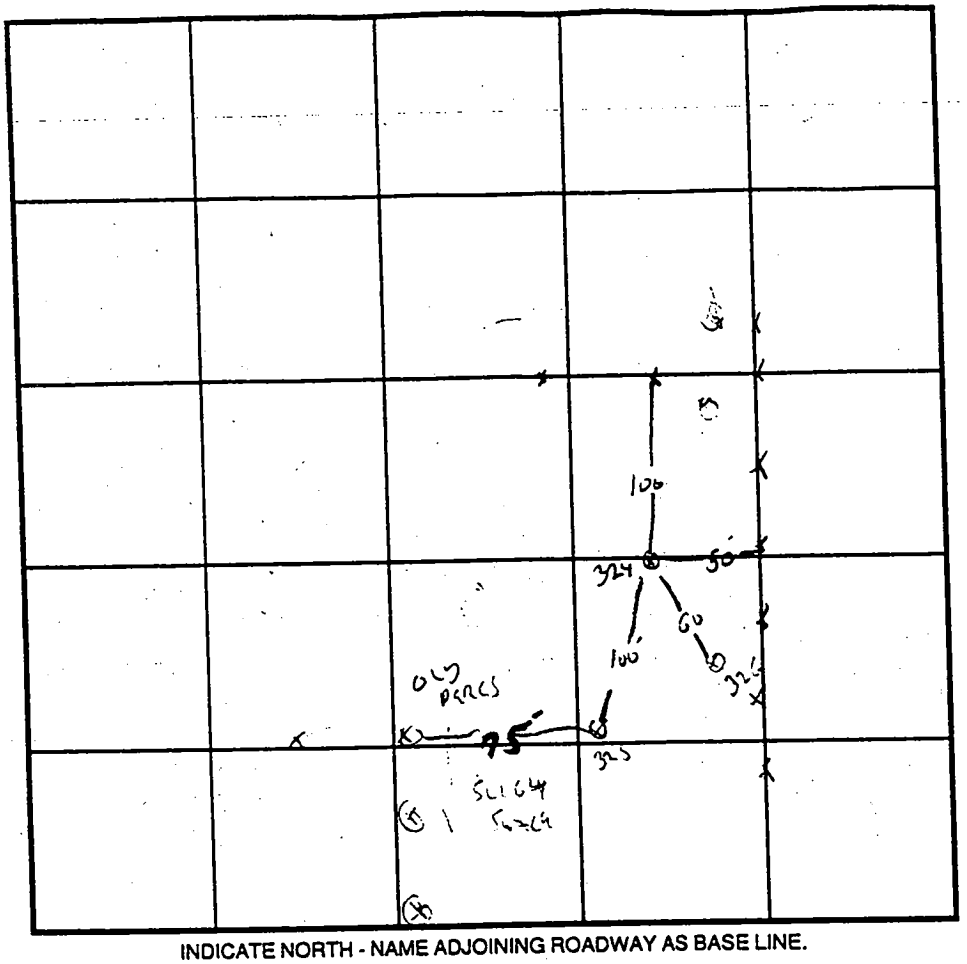
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

HD-216 (3/92)

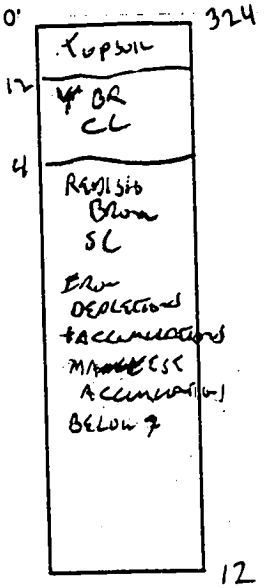
A58589

COUNTY

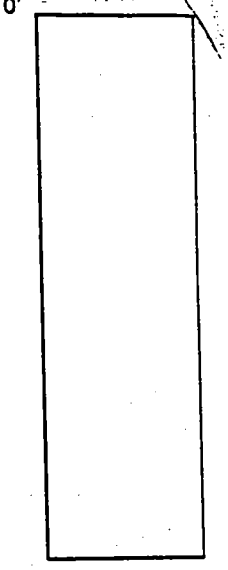


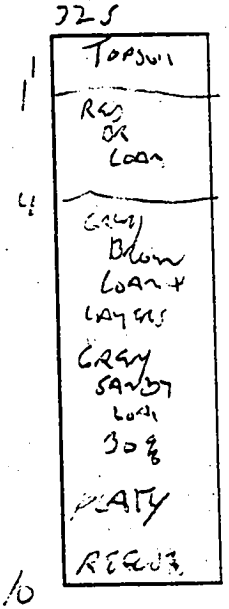
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



SOIL PROFILE





DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3/2/98	324	12"					
	326	12"	ok	3-12			

REMARKS SUPPLEMENTAL TESTING TO SUPPORT CURRENT PROPOSAL

TYPE OF SOIL

TESTED BY G. SAVAGE ALSO PRESENT BOB SHEESLEY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 58589

P _____

DISTRICT _____

DATE 7/29/97

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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(SIGNATURE OF APPLICANT)

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REASONS FOR REJECTION OR HOLDING _____

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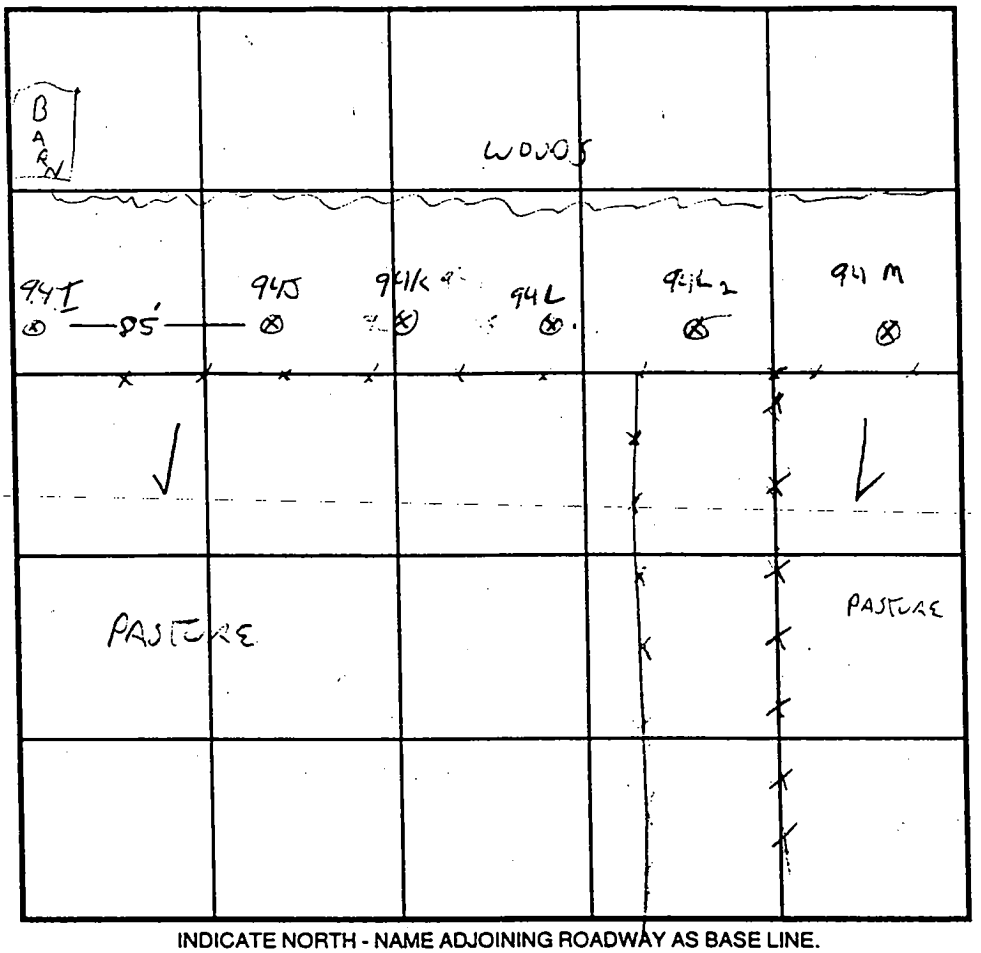
HD-216 (3/92)

A58589
COUNTY #



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

94 L, K

0'
DARK ORANGE CLAY LOAM
3'
BROWN MICA GRANULAR QUARTZITE LOAM LAYERED WITH MICA SANDY LOAM
L2

SOIL PROFILE

0'
GREEN MICACEOUS CLAY LOAM
BROWN COARSE MICA SANDY LOAM
SOFT ROCK
6
LARD

94 I

1'-2'
VEIN OF QUARTZITE DIAGONAL THROUGH TEST HOLE 4'-?

6'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
9/4/97	94K	4.5/12	12:13:35	12:16:30	12:21	12:24	5 MIN
		6.5	12:17:55	12:17:55	12:18:30	12:19:45	75 SEC
	94L	11V					
	94L2	5/11V	12:31:48	12:32:05	12:32:05	12:32:34	29 SEC
		7	12:33:30	12:34:21	12:34:21	12:35:29	68 SEC
	95	6'	NOT TESTED		-ROCK		

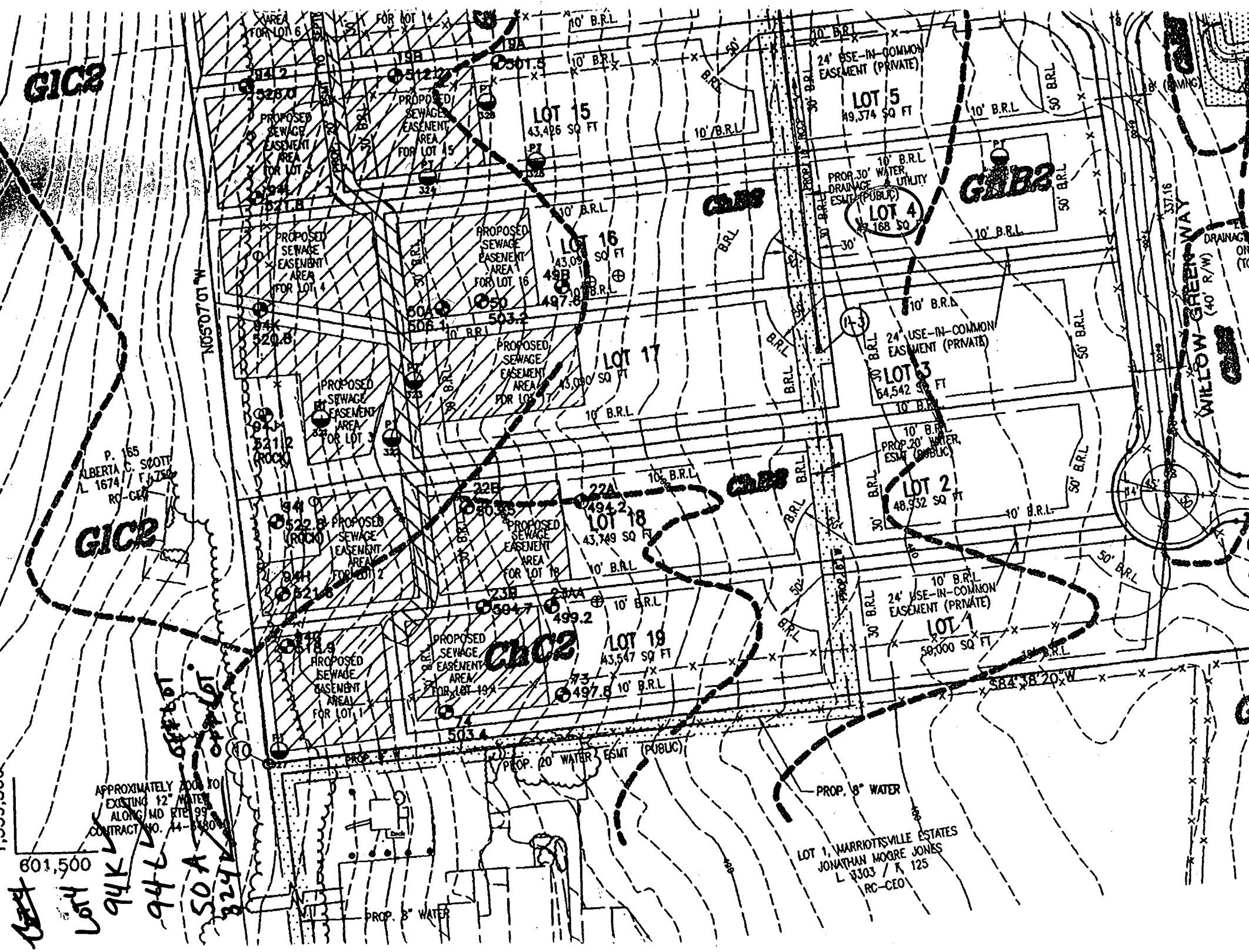
REMARKS 4 OF 4

TYPE OF SOIL EXTREMELY COARSE TEXTURED MICA

TESTED BY G. SAVAGE ALSO PRESENT MIKE MAYNER, CREW

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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


GIC2
GIB2
ChC2
LOT 15
43,426 SQ FT
LOT 16
43,09 SQ FT
LOT 17
43,090 SQ FT
LOT 18
43,749 SQ FT
LOT 19
43,547 SQ FT
LOT 5
49,374 SQ FT
LOT 4
47,168 SQ
LOT 3
54,542 SQ FT
LOT 2
48,932 SQ FT
LOT 1
50,000 SQ FT
PROPOSED SEWAGE EASEMENT AREA FOR LOT 15
PROPOSED SEWAGE EASEMENT AREA FOR LOT 16
PROPOSED SEWAGE EASEMENT AREA FOR LOT 17
PROPOSED SEWAGE EASEMENT AREA FOR LOT 18
PROPOSED SEWAGE EASEMENT AREA FOR LOT 19
PROPOSED SEWAGE EASEMENT AREA FOR LOT 4
PROPOSED SEWAGE EASEMENT AREA FOR LOT 3
PROPOSED SEWAGE EASEMENT AREA FOR LOT 2
PROPOSED SEWAGE EASEMENT AREA FOR LOT 1
24' USE-IN-COMMON EASEMENT (PRIVATE)
PROP 30' WATER, DRAINAGE & UTILITY ESMT (PUBLIC)
PROP. 20' WATER ESMT (PUBLIC)
PROP. 8" WATER
10' B.R.L.
50' B.R.L.
30' B.R.L.
N05°07'01"W
S84°38'20"W
WILLOW GREEN WAY
(40' R/W)
P. 165
ALBERTA C. SCOTT
L. 1674 / F. 750
RC-CEO
LOT 1, MARRIOTTSVILLE ESTATES
JONATHAN MOORE JONES
L. 8303 / F. 125
RC-CEO
APPROXIMATELY 2000 LF TO EXISTING 12" WATER ALONG MD RTE 99
CONTRACT NO. 44-3480-01
601,500

N05°07'01"W

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOS SEWAG EASEME AREA

520

510

500

LOT 4

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPO SEWA EASEM ARE

LOT 19

LOT 18

LOT 17

LOT 16

LOT 1

91.5 91.0 91.5
FF = 495.0
B = 486.0
91.5 GAR
91.0 91.2

91.5 91.0 91.5
FF = 495.5
B = 486.5
92.0 GAR
91.7 89.0

91.5 91.0 91.5
FF = 495.25
B = 486.25
91.7 GAR
91.0 91.4

92.5 92.5
FF = 497.0
B = 488.0
93.5 GAR
93.2 93.0

94.0 93.5
FF = 49
B = 489
94.5

5.5%

5.8%

11%

81.7
83.0
83.2
83.5
82.5

EX. S

LOT 1

LOT 2

LOT 3

LOT 4

LOT 5

78.5 79.2 78.5
79.0 79.7 79.0
FF = 482.0
B = 473.0
79.0 GAR
78.7 5%
77.3
78.5

78.5 79.2
79.0 79.0
79.2
FF = 482.0
B = 473.0
78.7 79.0 GAR
78.7 5%
77.3

480

76.5 78.0 77.5 78.0
FF = 481.5
B = 473.0
77.5 GAR
77.2 5.4%
75.7

75.0

77.5
78.0 78.0
78.0
FF = 481.5
B = 471.0
77.2 77.5 GAR
5.4%
77.0

76.4
76.3
76.9
FF = 479.5
B = 470.5
75.
GA

7%

5.3%

EX. 470 BOTTOM PITCH
PROP DN 471.5

71.3

470

69.2