11/29/00 2-3 PM - 12/1/00 Trenches
4/5/01 12 pm pump test

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 514636

A 58589-J

DISTRICT

DATE 11/8/2000

DATE SYSTEM APPROVED 4/5/01

INSPECTOR BB

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

INDEXED
#332047

S K Backhoe IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Woodford's Grant III LOT 16 ROAD 11135 Willow Green Way

PROPERTY OWNER Trinity Builders 410-313-87~~22~~

ADDRESS 7320 Grace Drive, Columbia, MD 21044

COMPARTMENTED SEPTIC TANK REQUIRED

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 4~~0~~

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 370.37 lot line, and 10 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. 9/11/00 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.

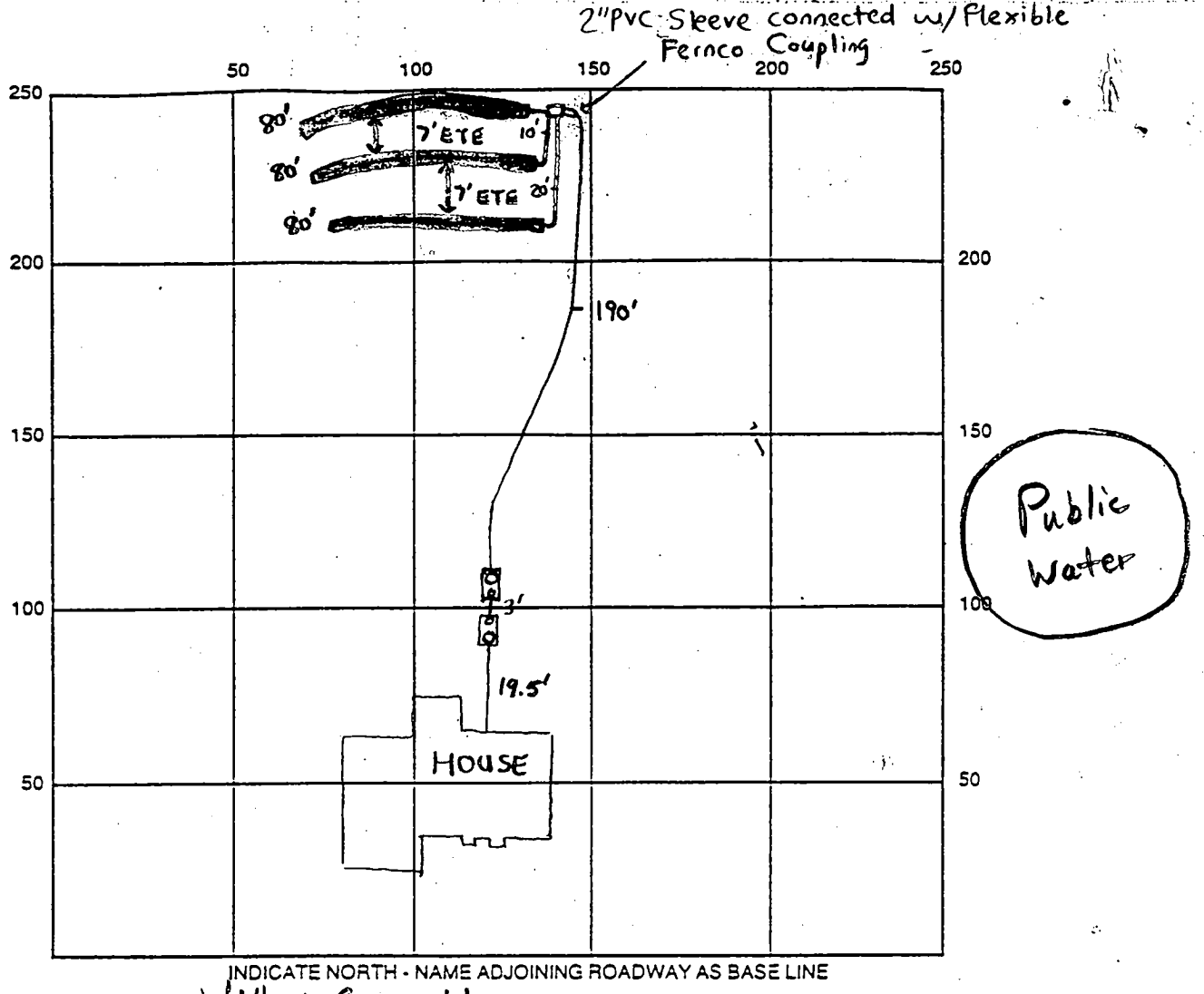
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

HD-260(6-90)

58589-J



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Willow Green Way

SEPTIC TANK LEVEL 2 - 1500 Compartmented TS (BAFFLES IN) CLEANOUTS 2 - Manhole, 2 - 6"

DISTRIBUTION BOX LEVEL ✓ Baffle is in

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 11/29/00 Septic tank set - pre const. OK AU

11/30/00 Tanks set. Lines ran up to distribution box area. (BB)

12/1/00 - SYSTEM COMPLETE, OK TO COVER ALL WORK (SRK)

PUMP TEST NEEDED

4/5/01 Pump and alarm working. (BB)

DATE SYSTEM APPROVED 4/5/01 INSPECTOR B. Baker

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1910
AUTOMATED INFORMATION (410)313-3900

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B 00126225

Building Address 11135 WILLOW GREEN WAY
MARRIOTTSVILLE 21104
Suite/Apt.# SDP/WP/Petition #
Census Tract 6030 Subdivision WOODFORDS GRANT III
Section 3 Area Lot 16
Tax Map 10 Parcel 293 Grid 22
Zoning RCDD Map Coordinates Lot size 43,091 sf

Property Owner's Name Trinity Builders
Address 7320 Grace Dr
City Columbia State MD Zip Code 21044
Home Phone Work Phone 410-313-8728
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 TRENDWAY w/CHANGES
2 STORY, FULL BSMT, 2FB, 1 1/2B,
FPJ GARAGE (4BR) 9R

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
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
8/31/00
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	9/1/00	Amy McMillen
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

PROPERTY ID# 44790

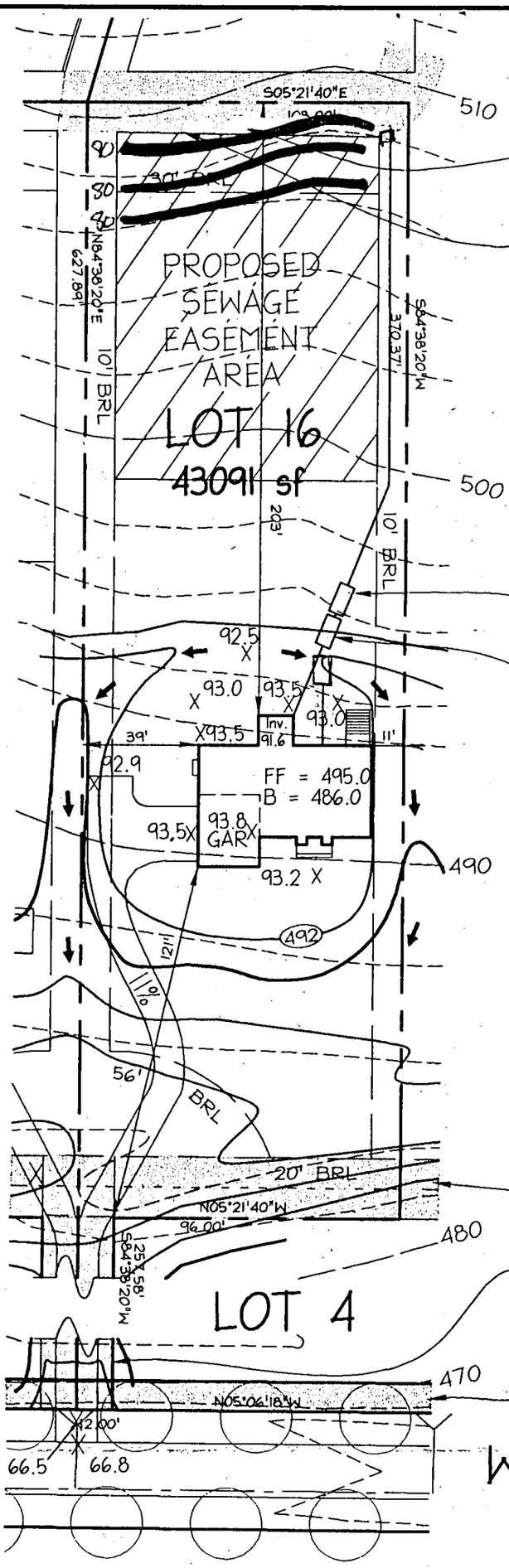
Filing fee	$ 25.00
Permit fee	$
Excise tax	$
Sub-total paid	$
Add'l permit fee	$
TOTAL FEES	$
Balance due	$
Check	# 1053
Validation	# 37691

Accepted by

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

a:\permit.frm

Rev. 10/15/98



Distribution Box
Ex. ground: 509.0
Inv: 506.0

20' Private Septic Access Easement

Approved Septic System Plan
Howard County Health Department

Signature _____ Date 9/1/00

Pump Tank
Ground: 496.5
Inv: 493.5

1250 Gal. Septic Tank
Ground: 494.0
Inv. In: 491.1 492.1
Inv. Out: 490.8

Total linear feet of trench required 240 feet

Width of trench(es) 3.0 feet

Depth of trench(es) 5.0 feet
*Basement does not sewer by gravity

Depth of stone required below distribution pipe 2.0 feet

20' Public Drainage & Utility Easement

24' Private Use-In-Common Easement for Lots 3,4,16 & 17.

10' Public Tree Maintenance Easement

WILLOW GREEN WAY

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 PS
CHECKED BY JCO
DATE August 24, 2000
W. O. # 98-097

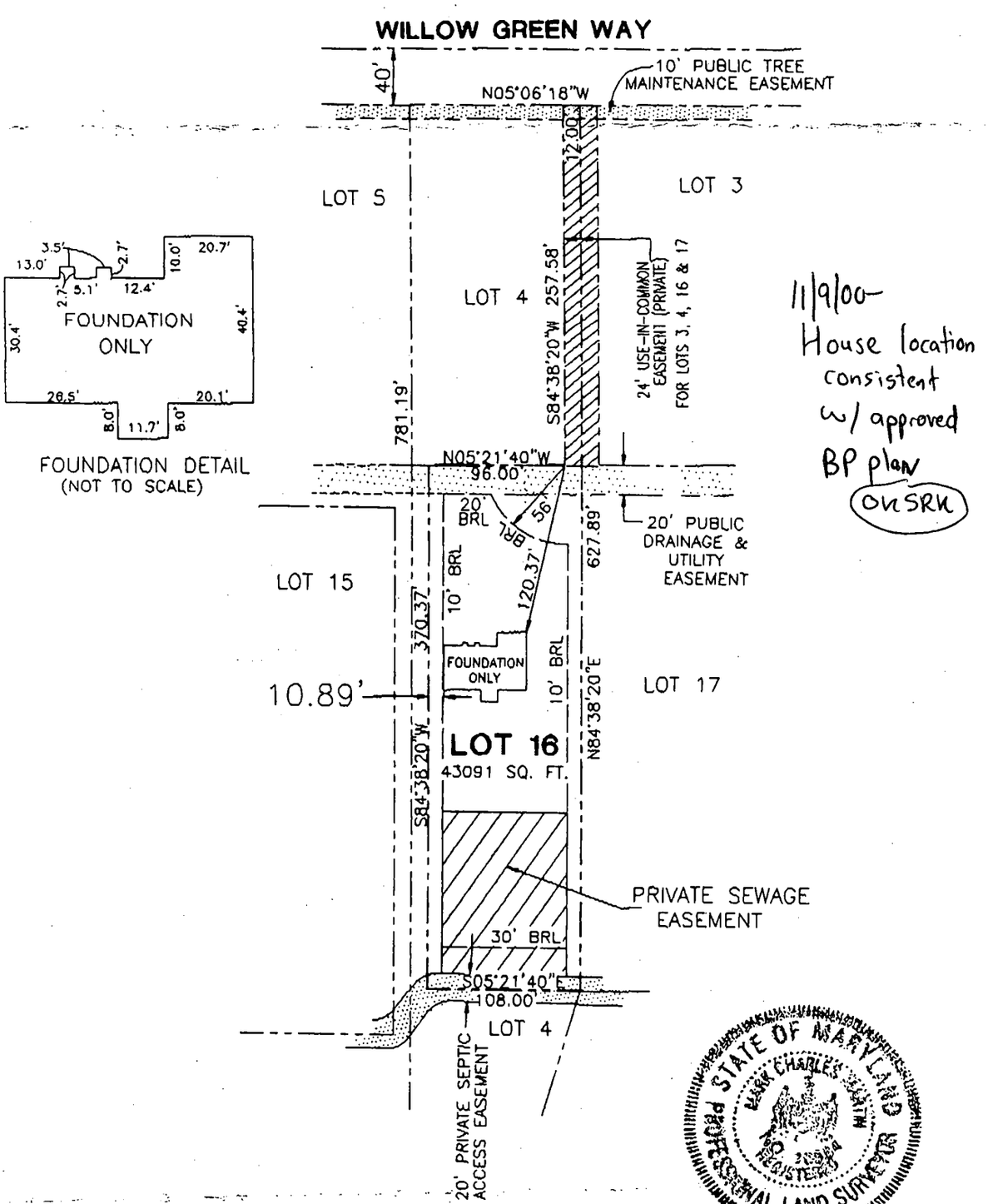
PLOT PLAN
LOT 16
WOODFORDS GRANT III

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

c:\Land Projects\98-097\dwg\80211ot15.dwg-mm 08.24.00

SP 99-209

Woodsford First



11/9/00 — House location consistent w/ approved BP plan on SRK

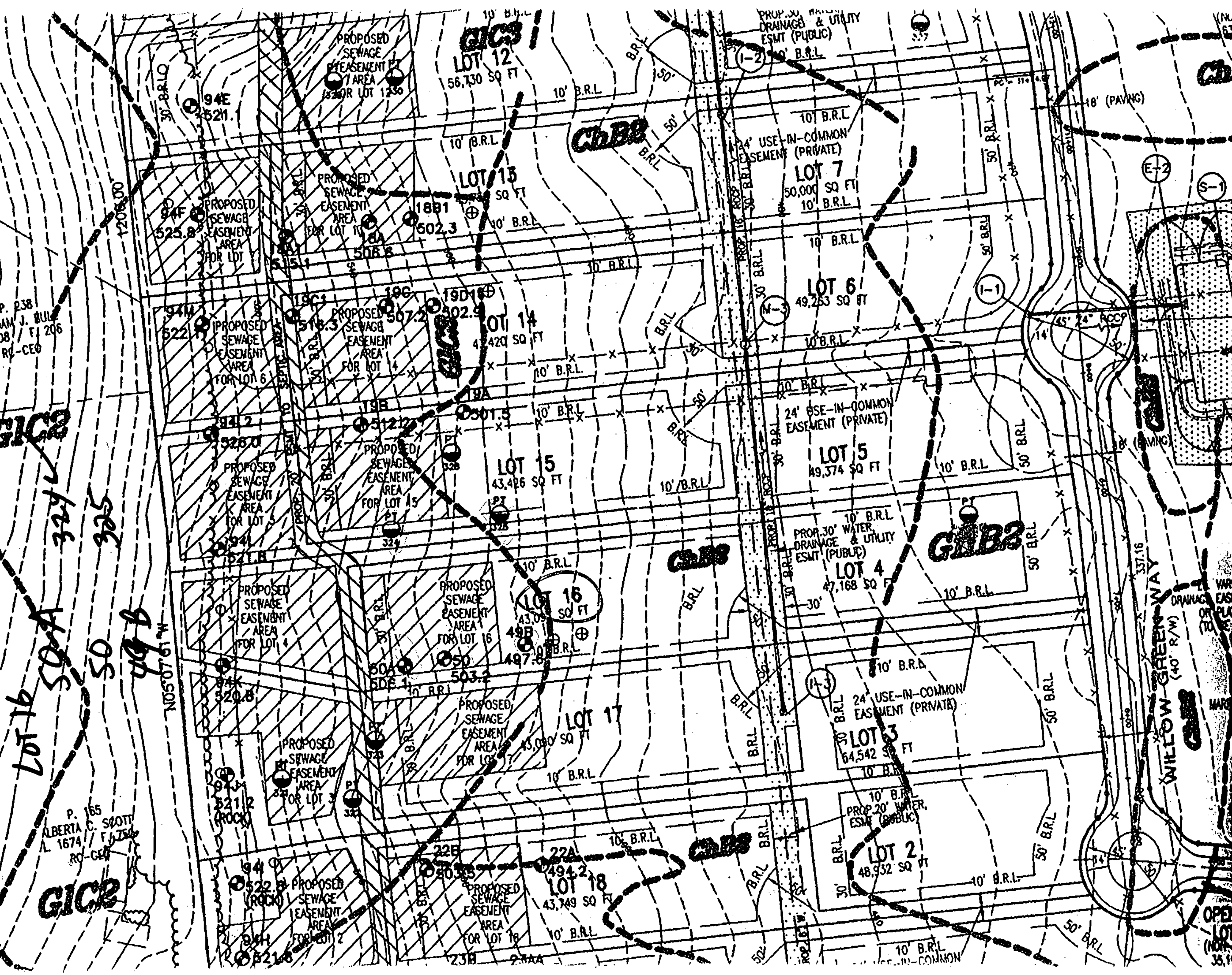
STATE OF MARYLAND — MARK CHARLES MARTIN — NO. 10884 — REGISTERED — PROFESSIONAL LAND SURVEYOR

TOP OF WALL ELEVATION = 494.10'

RECORD REFERENCES	WALL CHECK OF	VOGEL & ASSOCIATES, INC.
LIBER/FOLIO	LOT 16	3691 PARK AVE. #101 ELLICOTT CITY, MD 21043
PLAT BOOK	WOODFORDS GRANT III	TELEPHONE (410)461-5828 FAX (410)465-3966
PLAT NO./FOLIO 13801	HOWARD COUNTY	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.
SCALE 1"=100'	MARYLAND	Mark C. Martin 10/11/2000
DATE 10\1\2000		MARK C. MARTIN PROFESSIONAL LAND SURVEYOR NO. 10884

9897LT16WK.DWG

11135 Willow Green Way



LOT 12
56,730 SQ FT
LOT 13
LOT 14
43,420 SQ FT
LOT 15
43,426 SQ FT
LOT 16
LOT 17
LOT 18
43,749 SQ FT
LOT 7
50,000 SQ FT
LOT 6
49,263 SQ FT
LOT 5
49,374 SQ FT
LOT 4
47,168 SQ FT
LOT 3
64,542 SQ FT
LOT 2
48,932 SQ FT
PROPOSED SEWAGE EASEMENT AREA FOR LOT 12
PROPOSED SEWAGE EASEMENT AREA FOR LOT 6
PROPOSED SEWAGE EASEMENT AREA FOR LOT 14
PROPOSED SEWAGE EASEMENT AREA FOR LOT 15
PROPOSED SEWAGE EASEMENT AREA FOR LOT 4
PROPOSED SEWAGE EASEMENT AREA FOR LOT 16
PROPOSED SEWAGE EASEMENT AREA FOR LOT 3
PROPOSED SEWAGE EASEMENT AREA FOR LOT 2
PROPOSED SEWAGE EASEMENT AREA FOR LOT 18
24' USE-IN-COMMON EASEMENT (PRIVATE)
PROP. 30' WATER, DRAINAGE & UTILITY ESMT (PUBLIC)
PROP. 20' WATER, ESMT (PUBLIC)
10' B.R.L.
50' B.R.L.
30' B.R.L.
18' (PAVING)
WILLOW GREEN WAY (40' R/W)
337.16
N05°07'61"W
P. 165 ALBERTA C. SCOTT L. 1674 F. 756 RC-CEO
GIC2
GIC3
ChB2
Lot 16
Lot 17

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 10505 Hickory Ridge Rd Suite 215 Col, MD 21044 PHONE 410-740-2400

AGENT OR PROSPECTIVE BUYER LAND Design + Development

ADDRESS 10505 Hickory Ridge Rd Suite 215 Columbia, MD 21044 PHONE 410-740-2400

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 _____

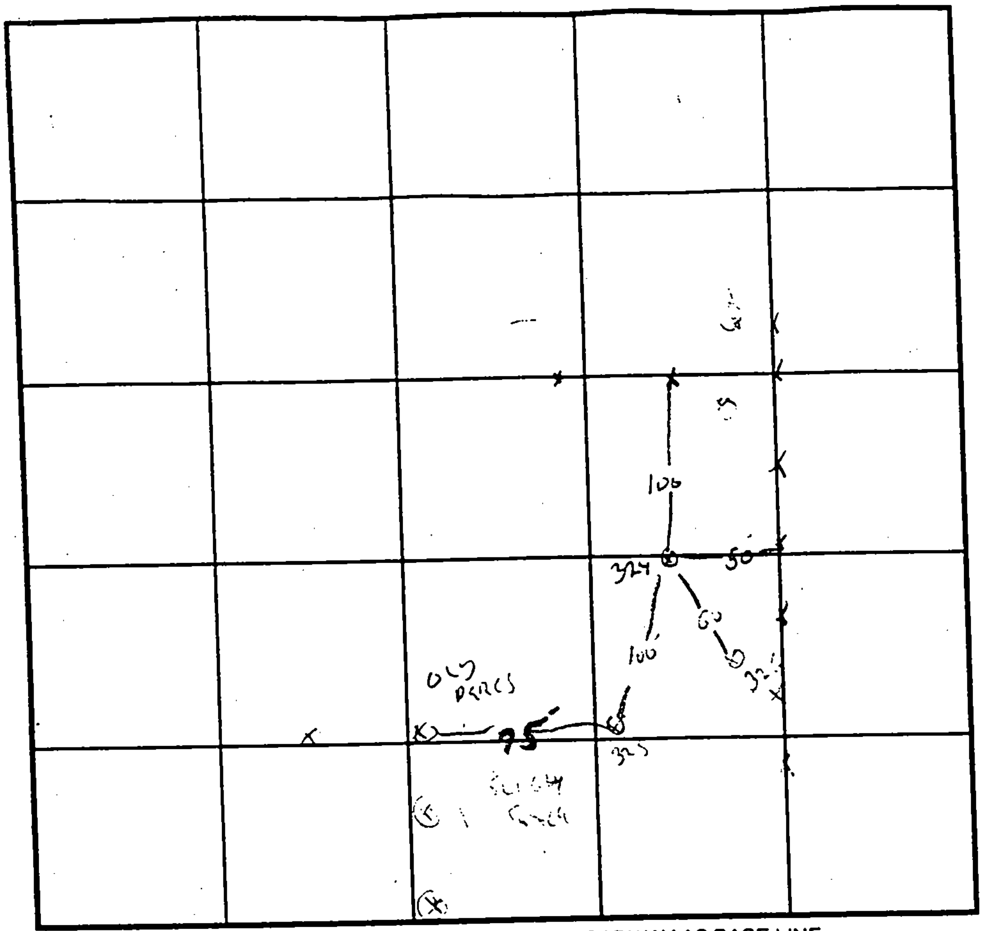
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT

HD-216 (3/92)

A585



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' (324)
Topsoil
12 — 4" BR CL
4 — Reddish Brown SL
Few depletions & accumulations
Manganese accumulations below 7
12

SOIL

0'

325
Topsoil
1' — Red Br Loam
4 — Gray Brown Loamy layers
Gray sandy loam 30%
Platy
Redox
10

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 Greeley

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME ______ TRENCH WIDTH ______

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

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

PROPOSED SEWAGE EASEMENT AREA

520

510

500

490

480

LOT 19

LOT 18

LOT 17

LOT 16

LOT 1

LOT 2

LOT 3

LOT 4

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 = 487.0
B = 488.0
93.5 GAR
93.2 93.0

78.5 79.2 78.5
79.0 79.7
FF = 482.0
B = 473.0
79.0 GAR
78.5 77.3

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

78.5 78.0 77.5 78.0
FF = 481.5
B = 473.0
77.5 GAR
76.5 75.7

78.0 78.0
78.0
FF = 481.5
B = 471.0
77.5 GAR
77.2 75.7

5.5%

5.8%

11%

5.4%

7%

81.7

83.0 83.2

83.5 82.5

75.0

EX. 470 BOTTOM PITCH
PROP DN 471.5

470

69.2

66.5 66.8