

4/14/00
3:30 - 4:00
4/20/00 3-4pm

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513298

A 58589 - G

DISTRICT _____

DATE 3/2/00

DATE SYSTEM APPROVED 6/9/00

INSPECTOR BB

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXX 410-313-2640

331822
INDEXED

S K Backhoe & Septic Services

IS PERMITTED TO INSTALL ☒ ALTER _____

ADDRESS 1220 FSK Highway, Keymar, Maryland 21757 PHONE 410-775-0562

SUBDIVISION Woodford's Grant III LOT 11 ROAD 11179 Willow Green Way

PROPERTY OWNER Trinity Builders

ADDRESS _____

COMPARTMENTED SEPTIC TANK REQUIRED

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

PUMPED SEPTIC SYSTEM PROPOSED

INSTALL: 1-1500 GALLON COMPARTMENTED TANK, BACKWARDS)

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 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 20 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. 11/22/99 O.K. (BB)

PLANS APPROVED BY C. Williams DATE 10-05-1999

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.

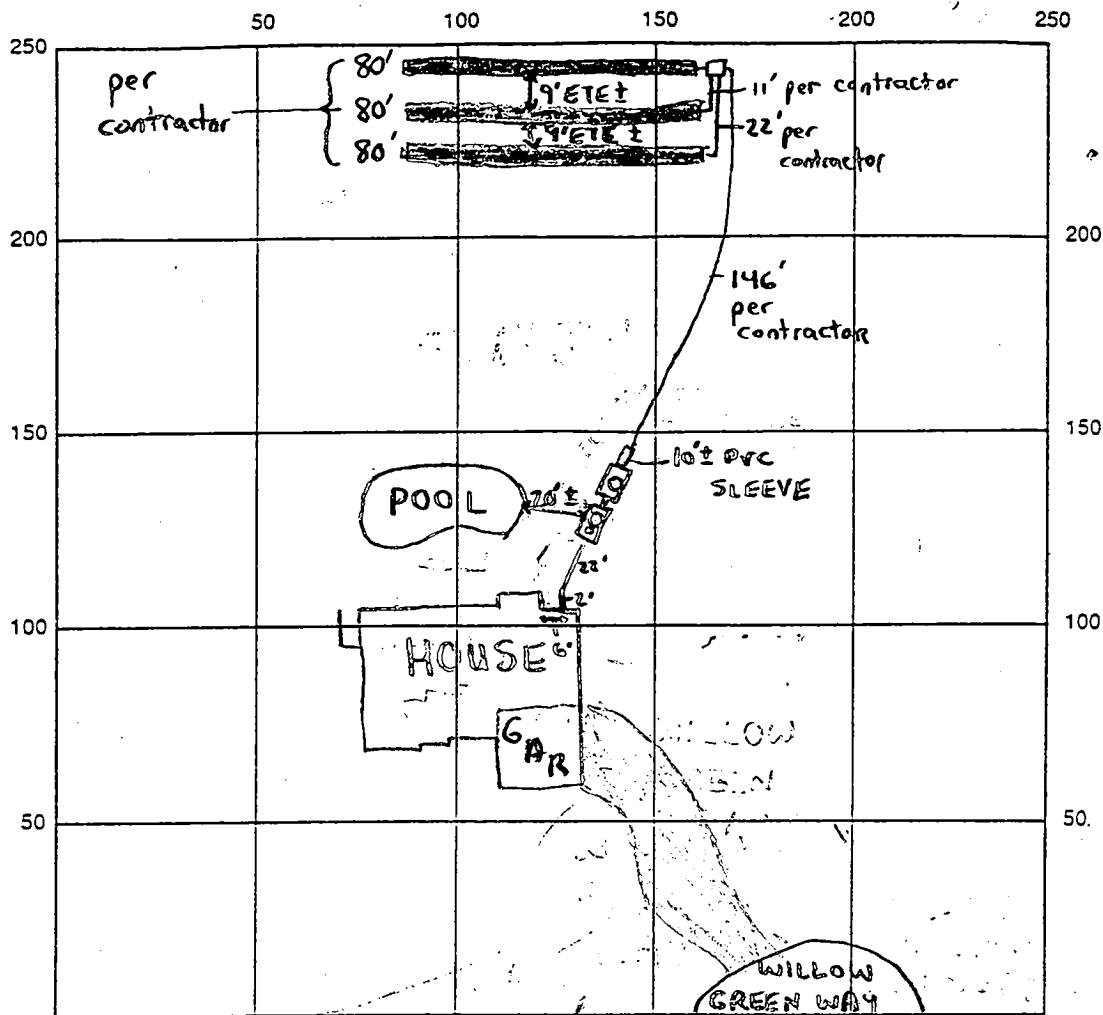
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

000123043
3/22/00 Pool

A 58589



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ✓ 500 gallon top seam tank 500g 1st Chamber 6\"/>

DISTRIBUTION BOX LEVEL * OK

DRAIN FIELD/TILE 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. *

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 4/14/00 - OK TO CONTINUE WORK & COVER FROM HOUSE TO TANKS, SLIGHT SWALE IN

SEPTIC AREA MAY MAKE TRENCHES ONLY 4' DEEP IN SOME SPOTS TO KEEP TRENCHES ON CONTOUR

OK - (SRK) 4/20/00 - BECAUSE OF LIMITED INSPECTION STAFF AND OVERWHELMING FIELD INSPECTIONS /
AND POTENTIAL FOR RAIN DAMAGE TO SYSTEM

PAPERWORK REVIEWS, TOLD CONTRACTOR VIA PHONE OK TO DRAW INSTALLATION DIAGRAM &

SUBMIT VIA FAX & COVER ALL WORK (CONTRACTOR RELIABLE FROM PRIOR INSPECTIONS) (SRK)

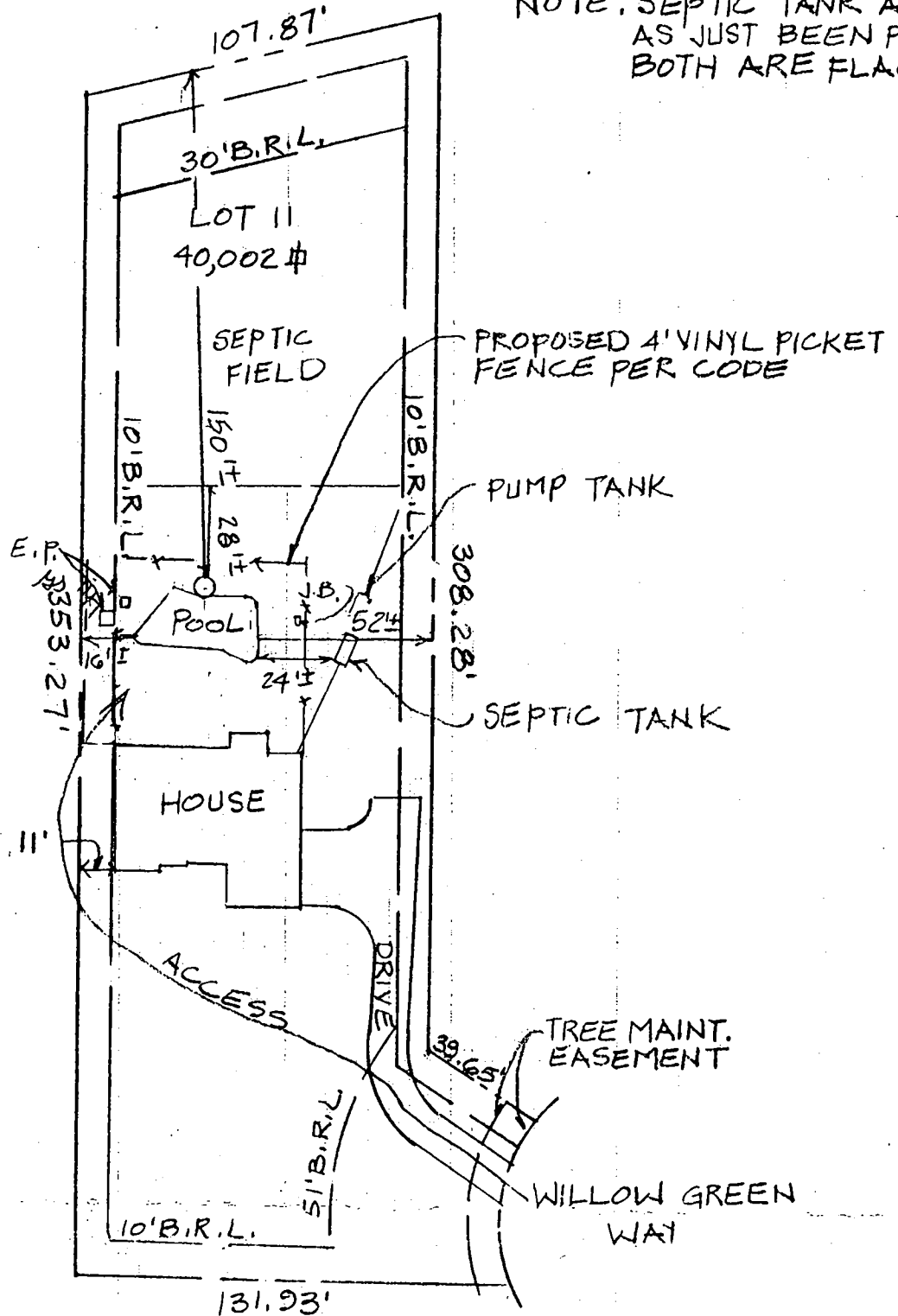
4/21/00 - TRANSFERRED CONTRACTORS DIAGRAM TO ABOVE OK (SRK) 6/9/00 Pump and alarm OK.

DATE SYSTEM APPROVED 6/9/00 INSPECTOR B. Baker

PER
* CONTRACTOR

NOTE: ACCESS LETTER NE
 NOTE: SEPTIC TANK AND
 AS JUST BEEN PUT I
 BOTH ARE FLAGGE

BP No Permit yet
 3/22/00 - No Septic
 Installed yet. Pool Site
 is acceptable as shown on plan
 App 3/22/00



SCALE: 1" = 50'

ACCF

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

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 410-740-2100

AGENT OR PROSPECTIVE BUYER LAND DESIGN & Development

ADDRESS 10805 Hickory Ridge Rd Suite 215 Cal, MD 21047 PHONE 410-740-2100

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 _____

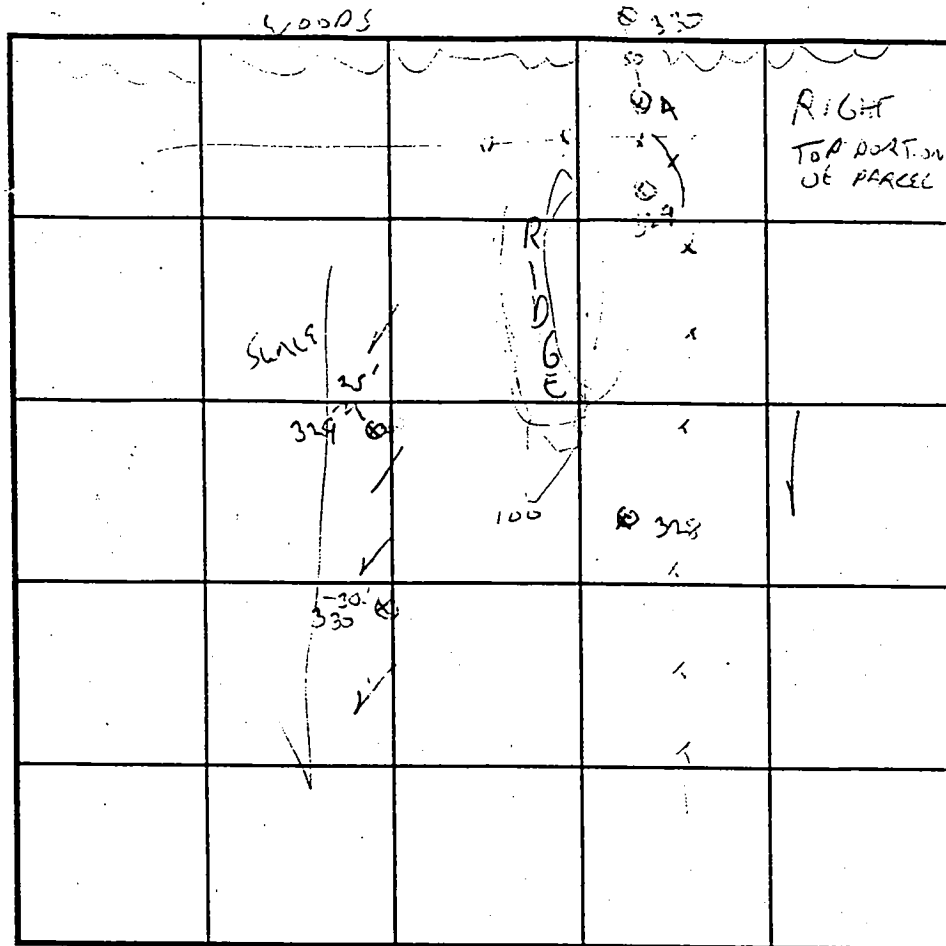
HOLD PENDING FURTHER TESTS _____

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



SOIL PROFILE

0' 329

Brown CL

SEDS - BR SAND COARSE MICA SANDY CLAY MANGROVE COASTAL TROPICAL BAMP - WATER

14.5'

SOIL PROFILE

0' 330

TOP SOIL

10' 7 1/2" CL SAND

5' 7.5 YR 4/5 SAND LOAM MANGROVE

6' 4' BR R.B. 15 6Y BR SL 10YR 8/5 - 8 1/2 ROCKS 210.5' WATER

14'

328

8' TOP SOIL

2.5' Brown CL

12' R.O. Brown SL

330

BR CL

BR LOAM

12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/2/98	328	7/12	3:07	3:12	→	3:18	6 MIN
		3.5	3:08	3:10	3:10	3:14	4 MIN
	329		3:22.30	3:23.15		3:24.30	45 SEC
		at 30' BELOW 'A'	SINK IN DRAIN				
	330	4' / 12	3:36	3:38	3:38	3:41	3 MIN

REMARKS: SUPPLEMENTAL TESTS TO SUPPORT CURRENT PERMITS

TYPE OF SOIL: _____

TESTED BY: G. SAUGE ALSO PRESENT: BOB STEINER

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: _____ TRENCH WIDTH: _____

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

FREDRICK T. HOLPERN
L. 3109 // F. 435
RC-CEO

GIC3

GIB2

1,339,500

602,750

N84°38'20"E

WILLOW GREEN WAY

P. 213
MICHAEL P. VECERA
L. 694 // F. 11
RC-CEO

LOT 11 16A-04 ALKA
16B
328

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

GIC2

PROPOSED SEWAGE EASEMENT AREA FOR LOT 10
LOT 10 100,000 SQ FT 499.6
10' B.R.
PROP. 120' ESMT. TO SEPTIC AREA
10' B.R.L.

PROPOSED SEWAGE EASEMENT AREA FOR LOT 11
LOT 11 501,000 SQ FT
10' B.R.L.

PROPOSED SEWAGE EASEMENT AREA FOR LOT 12
LOT 12 56,130 SQ FT
10' B.R.L.

PROPOSED SEWAGE EASEMENT AREA FOR LOT 13
LOT 13 502.3 SQ FT
10' B.R.L.

PROPOSED SEWAGE EASEMENT AREA FOR LOT 14
LOT 14 42,420 SQ FT
10' B.R.L.

PROPOSED SEWAGE EASEMENT AREA FOR LOT 15
LOT 15 43,486 SQ FT
10' B.R.L.

GIB2

GIB2

PROF. 20' WATER ESMT. (PUBLIC)

LOT 8 48,936 SQ FT
PROP. 30' WATER DRAINAGE & UTILITY ESMT. (PUBLIC)
10' B.R.L.

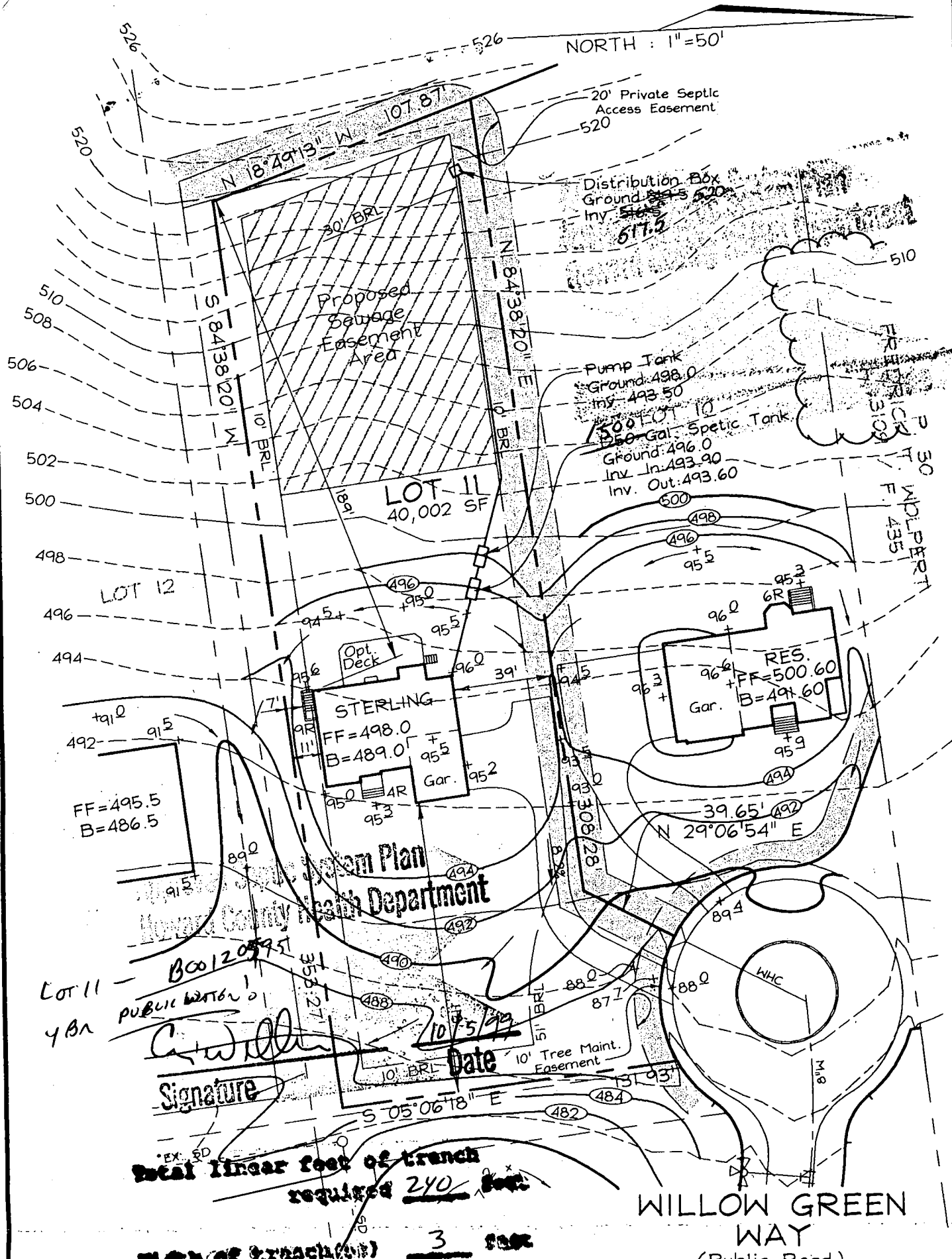
LOT 7 50,000 SQ FT
10' B.R.L.

LOT 6 49,263 SQ FT
10' B.R.L.

LOT 5 49,374 SQ FT
10' B.R.L.

24' USE-IN-COMMON EASEMENT (PRIVATE)

24' USE-IN-COMMON EASEMENT (PRIVATE)



Total linear foot of trench required 240 feet

Width of trench (ft) 3 feet

Depth of trench (ft) 5 feet

Amount of stone required below distribution pipe 2 feet

PREPARED BY
TRINITY HOMES
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 Sept. 22, 1999
W. O. # 98-097

PLOT PLAN LOT 11 WOODFORDS GRANT III

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

GP 99-209