

8/10/87

200' floor

01-170260

PERMIT

P 38759

A 38242

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 1st

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 2/19/87

DATE SYSTEM APPROVED 2/10/87

INSPECTOR R.H.

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS PHONE 988-9270

SUBDIVISION Woodstock Farm Nursery ROAD 5469 Waterloo Road LOT

PROPERTY OWNER Alice M. Bender, President
Woodstock Farm Nursery

ADDRESS

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY GALLONS NUMBER OF BEDROOMS

TRENCHES - 1 gal/sq.ft. per day. 600 sq. ft. of system - 1500 gal. septic tank. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 10 feet off the left lot line and 270 feet from the front lot line as seen when facing the lot from Route 108. Run trenches on contour toward right front lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

2-18-87 UNABLE TO INSTALL DEEP SYST DUE TO CAVE IN. INSTALL 2-60' TRENCHES 5' WIDE

PLANS APPROVED BY S. Abel INLET 4' BOTTOM 6' LOWER TRENCH TO HAVE DATE 1/19/87 OBSERVATION WELL.

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.

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES.

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

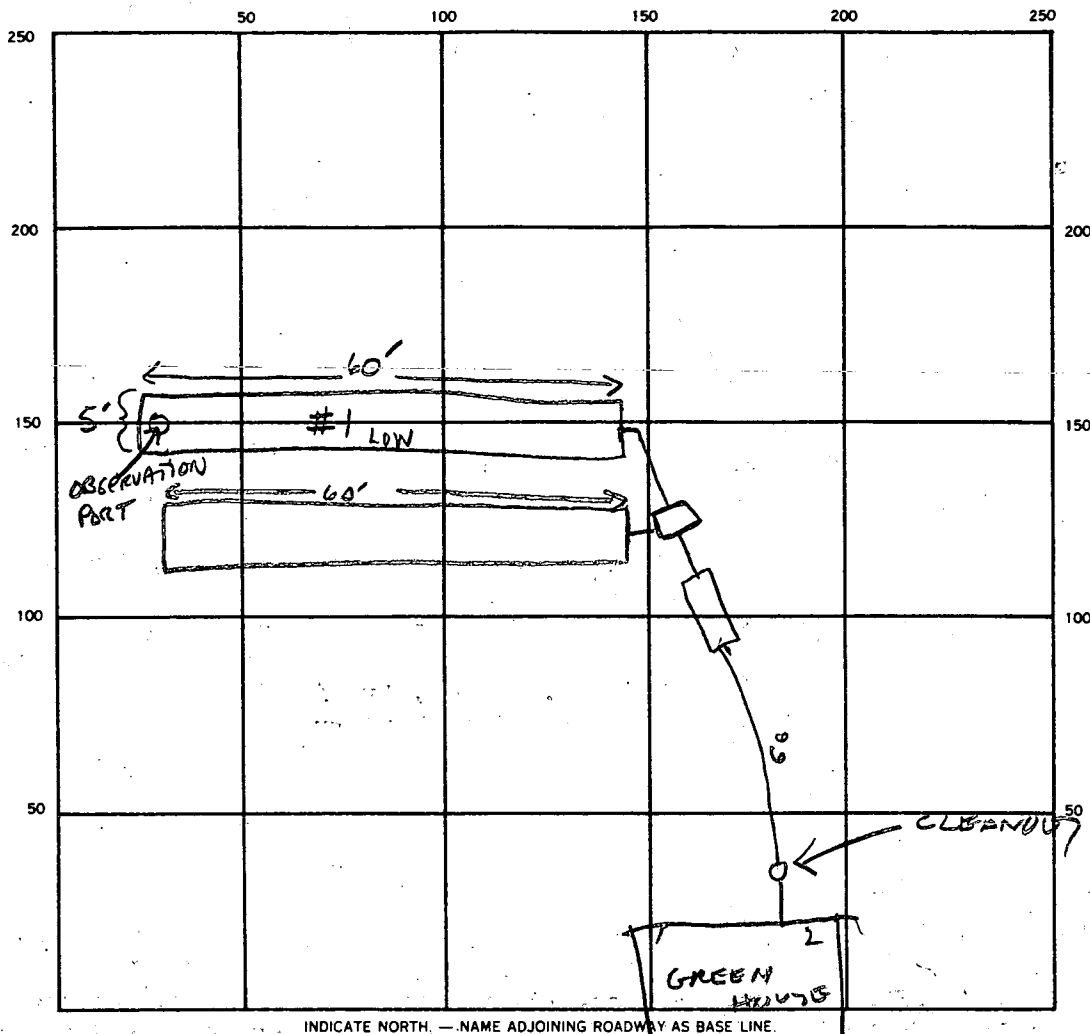
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

? System for bathroom in kitchen
B.P. 11958

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Rt 108

HOUSE SEWER

SEPTIC TANK. LEVEL ✓ 1500 GAL

CLEANOUTS ✓ END ON LOWER TRENCH / OK

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 6 FT. TRENCH WIDTH 5 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 60' 60' FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS 2-19-87 SPECS CHANGED - TRENCH 5' WIDE, INLET 4', BOTTOM 6' -> DUE TO CAVEIN'S IN

VERY GRAVELLY/SANDY SOIL. OBSERVATION PORT TO BE INSTALLED AT END OF LOWER TRENCH. S. 1/4

2-19-87 OK TO COVER ALL WORK. FINISH TO BE MADE WHEN BUILDING CONNECTED S. 1/4

8/10/87 - TANK CONNECTED TO GREEN HOUSE RT

DATE SYSTEM APPROVED

8/10/87

INSPECTOR

Raymond Kodge

Releasing
12/16/86
9:30 AM

APPLICATION

PERCOLATION TESTING

A 38242

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE 12-4-86

OK TO Process
12/4/86
SAB

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ALICE M. BENDER

ADDRESS 10375 CHLEY LA. WOODSTOCK MD 21163 PHONE 465-1681

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION JUNESTOWN LOT NO. _____

ROAD AND DESCRIPTION 5469 WATERLOO Rd

ELLICOTT City MD 21043

TAX MAP _____ PARCEL # _____

SIZE OF LOT 4 acres TYPE BLDG. Commercial
(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. Alice M. Bender
(SIGNATURE OF APPLICANT)

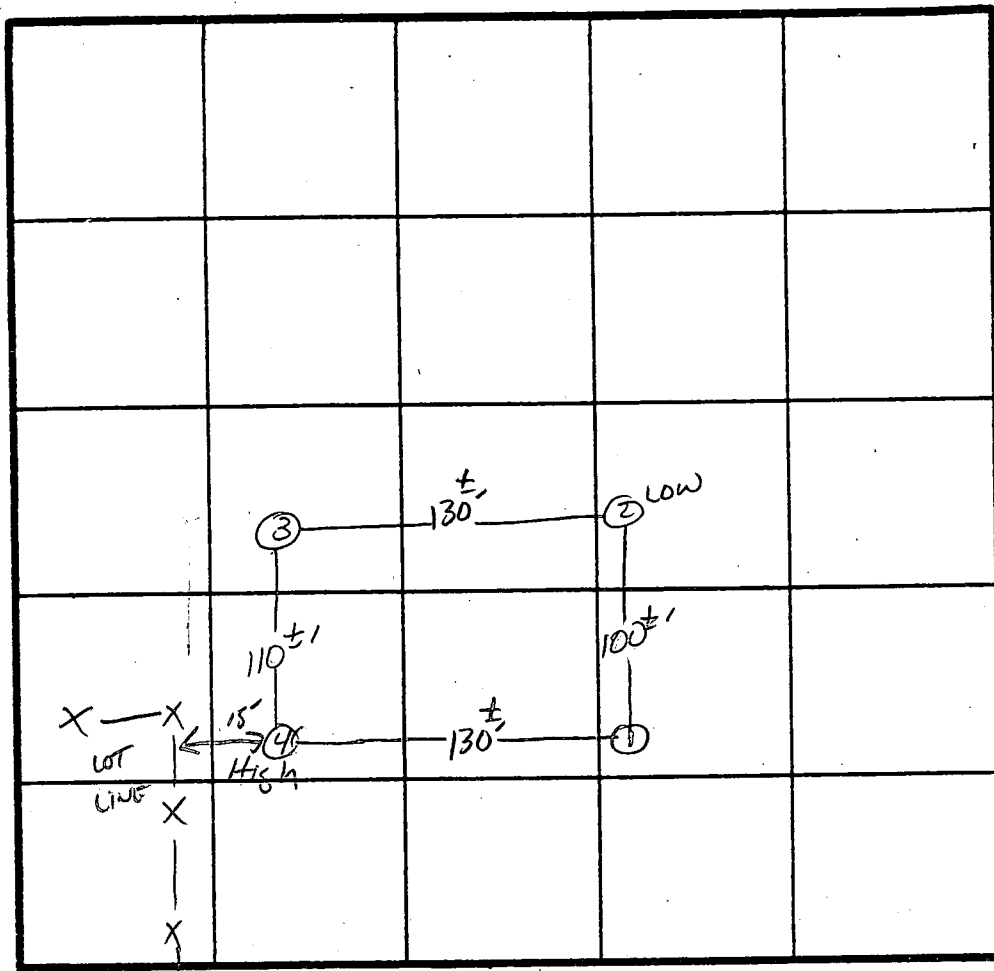
APPROVED BY Sickay Alul FOR Drywell/Trunch DATE 1-20-87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 12/16/86 Hold for Certified Hookup, Perc. Satisfactory SAB

THIS IS NOT A PERMIT



2 PERC
5 MIN
200# / BR
1 GAL / # / day

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Rt 108

INLET 4"
BOTTOM 9"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/16/86	1 S	5.5	10:27	10:28	10:26	10:29	3 min
	1 M	9.0	10:26	10:27	10:27	10:29	2 min
	1 V	13'	UNIFORM SOIL below 5'				
	2 S	4.5'	10:30	10:41	10:41	10:56	15 min
	2 V	15'	UNIFORM SOIL below 4.5'				
	3 S	4.5'	10:31	10:32	10:32	10:34	2 min
	3 V	15'	UNIFORM SOIL below 4.5'				
	4 S	5.0'	10:56	10:57	10:57	10:59	2 min
	4 V	15.5'	UNIFORM SOIL below 5'				

Require
600 # of
SIDEWALL
AREA
MINIMUM
HOUSE
7 PT empl.
NO PUBLIC
Facilities

REMARKS Project will be on Public H₂O/METERED.
 TYPE OF SOIL SASSAFRASS
 TESTED BY S. Abel ALSO PRESENT Alice Borden Fyock & Co.

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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)

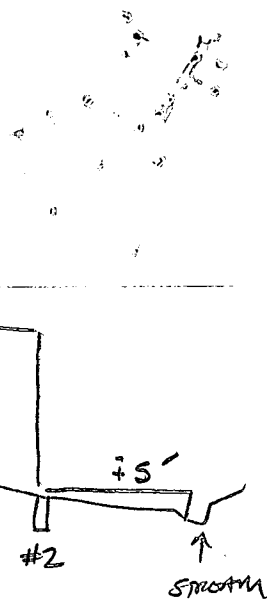
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



PL109

[illegible]

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

[illegible]

"I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction of the project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

Alice M. Bearden 4/21/87
 Signature of Developer Date
 Print name below signature

"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

Werner Klotzli, Jr., P.E. 1/22/87
 Signature of Engineer Date
 Print name below signature
WERNER KLOTZLI, JR., P.E.

SITE ANALYSIS
 A TOTAL AREA OF SEC. 1 = 2.18 AC.

CONTOUR LINE: EXISTING _____ 518
 PROPOSED _____ 516

TOP OR TOE OF SLOPE _____

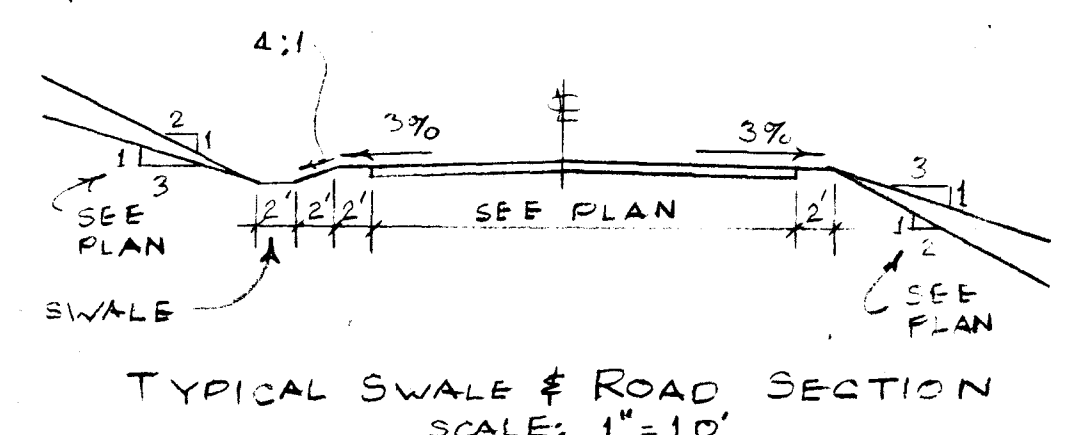
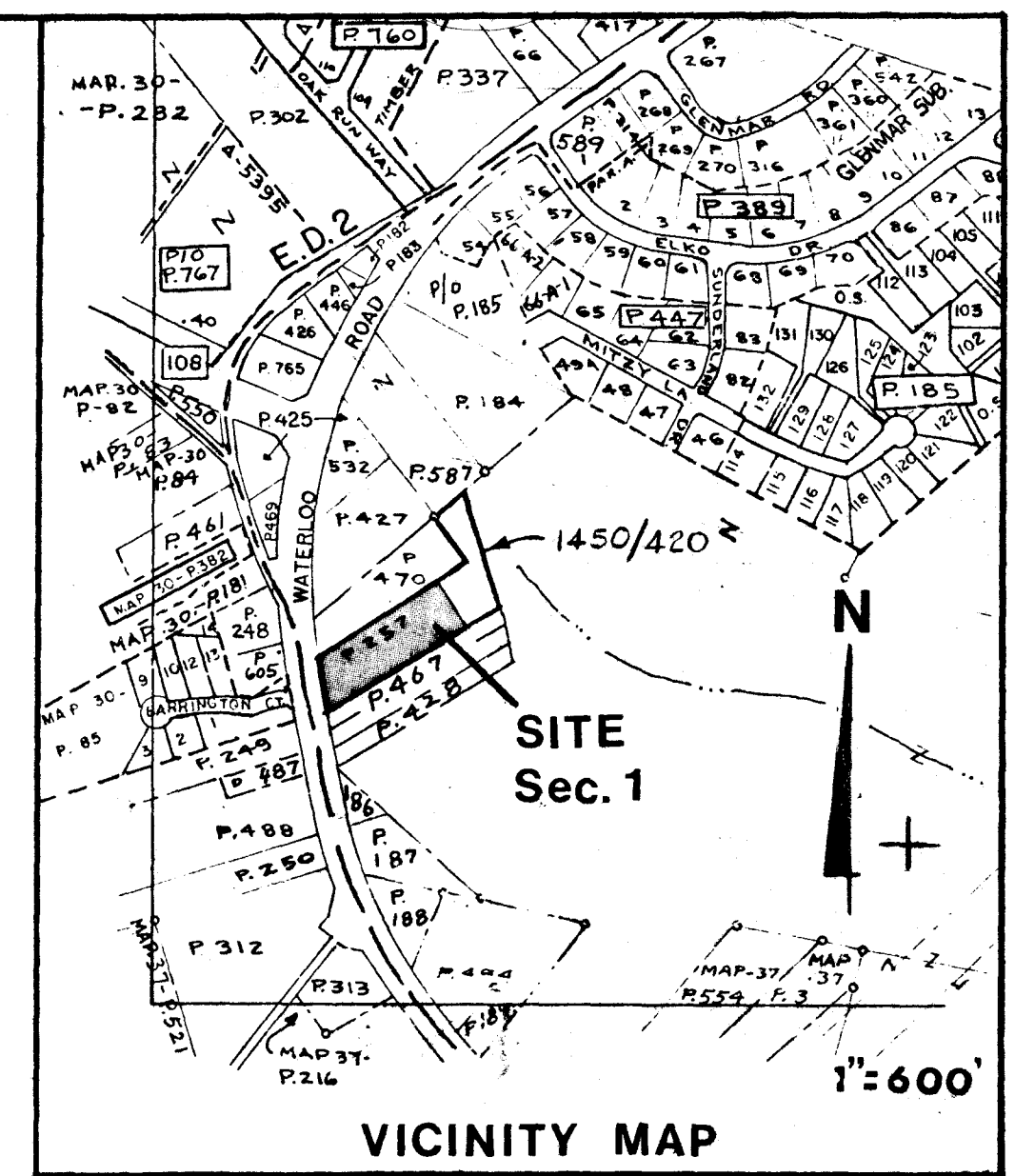
SWALE _____ SWALE _____

RUNOFF FLOW (ARROW WITHOUT LABELS OR NUMBERS) →

SILT FENCE

SELECTED EXISTING TREES

APPROVED PERK TESTS PF-1 THRU PF-4 → O



 CHAMAECYPARIS LAWSONIANA COLUMNARIS (2'-3')
 BETULA NIGRA - - - - - (6'-8')
 3 ILEY MERSEURAE - - - - - (2'-3')
 PRUNUS SUBHIRTILLA PENDULA - - - - - (5'-6')
 GROUND COVER
 FLOWERS
 MULCH FOR BEDS
 GRASS



OWNER/DEVELOPER:	WOODSTOCK FARM NURSERY, INC. ALICE M. BENDER, PRES. 10375 Cavey Road Wood Stock Md. 21163
ENGINEER:	WERNER KLOETZLI, JR., P.E. SITE PLANNER & CIVIL ENGINEER, 4006 Chatham Road Ellicott City, Md. 21043 Tel (301) 465-3912
SURVEYOR:	HUDKINS ASSOCIATES, INC. Joseph Square Columbia, Md. 21204

SUBDIVISION NAME WOODSTOCK FARM NURSERY				SECT./AREA 1		LOT/PARCEL # 257	
PLAT # OR L/F 1450/420		BLOCK #	ZONE R-20	TAX/ZONE MAP 31	ELEC. 1	DIST. 1	CENSUS TR. 6011
WATER CODE 607				SEWER CODE 278 0000			
ADDRESS CHART							
LOT NUMBER 257		STREET ADDRESS 5469 WATERLOO ROAD (RD. ROUTE 108)					

SITE DEVELOPMENT PLAN
 SEC. 1
WOODSTOCK FARM NURSERY
 ALICE M. BENDER, PRES.
 DEED; LIBER 1450 / FOLIO 420
 FIRST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 TAX MAP NO. 31, PARCEL NO. 257
 SCALE: 1"=20' DATE: JAN 29, 1987 SHEET 3 OF 3

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

DIRECTOR _____ DATE _____

CHIEF DIVISION OF LAND DEVELOPMENT
AND ZONING ADMINISTRATION _____ DATE _____

APPROVED: FOR PUBLIC WATER,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

CHIEF BUREAU OF ENGINEERING _____ DATE _____

Reviewed for HOWARD S.C.D. and
meets Technical Requirements

U.S. Soil Conservation Service
Date _____

THIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL EROSION AND SEDIMENT CONTROL
BY THE HOWARD SOIL CONSERVATION
DISTRICT

Howard S.C.D. _____ Date _____

"I/We certify that all development and construction
will be done according to this plan, and that any
responsible personnel involved in the construction
project will have a Certificate of Attendance at a
Department of Natural Resources Approved Training
Program for the Control of Sediment and Erosion
before beginning the project. I also authorize
periodic on-site inspection by the Howard Soil
Conservation District."

Alice M. Bender 4/22/87
Signature of Developer
Print name below signature
ALICE M. BENDER

"I certify that this plan for erosion and sediment
control represents a practical and workable plan based
on my personal knowledge of the site conditions and that
it was prepared in accordance with the requirements of
the Howard Soil Conservation District."

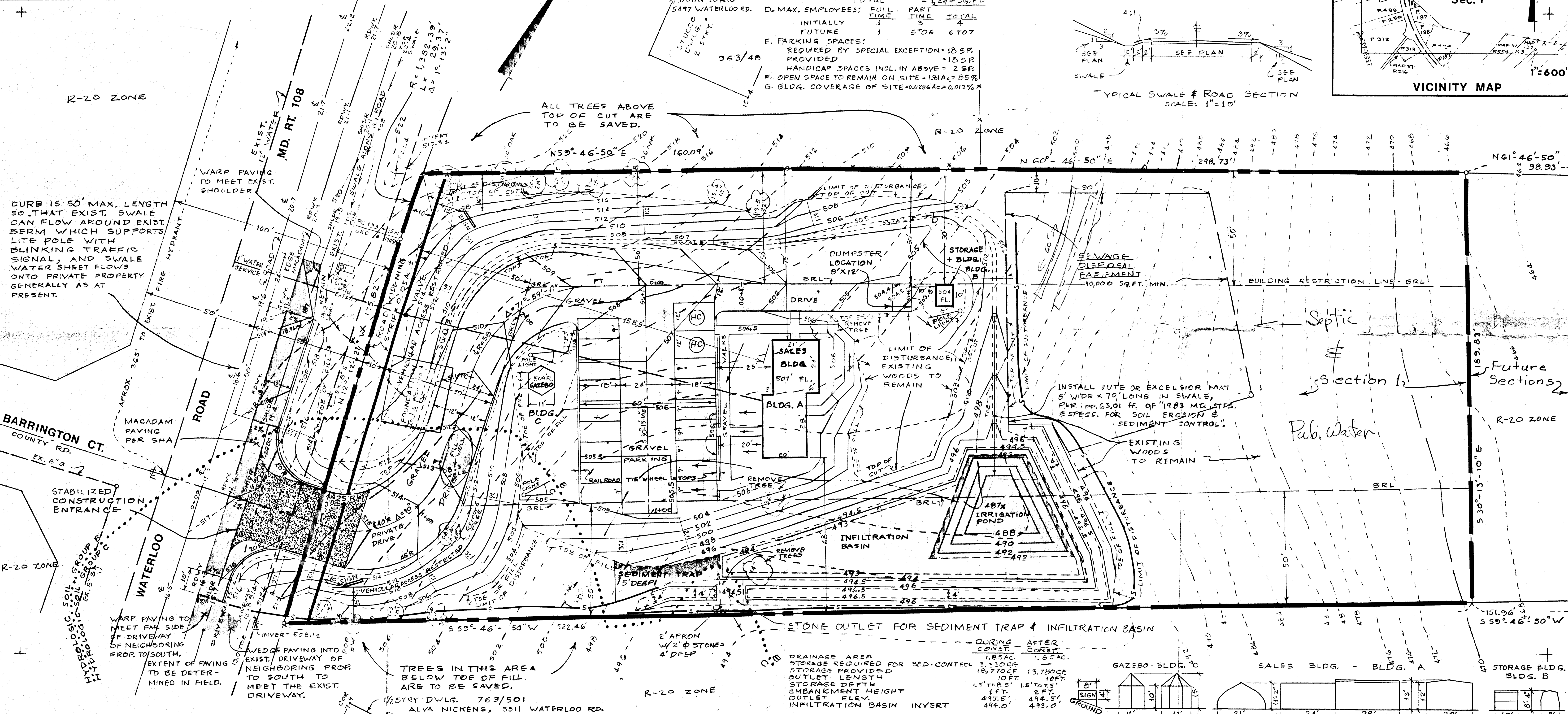
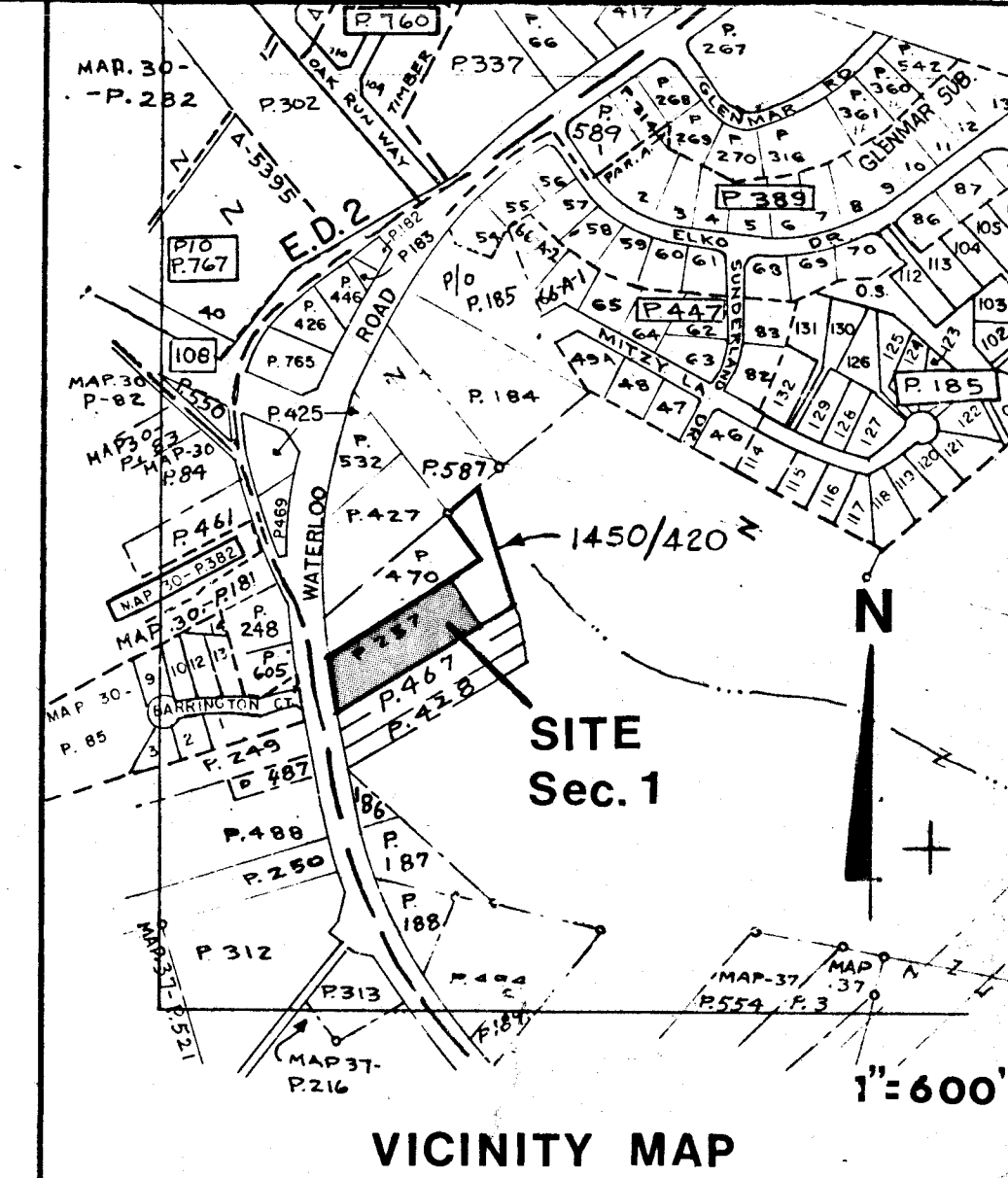
Werner Klotzli, Jr., P.E. 1/22/87
Signature of Engineer
Print name below signature
WERNER KLOTZLI, JR., P.E.

SITE ANALYSIS

- A. TOTAL AREA OF SEC. 1 = 2.18 AC.
RT. 108 WIDENING STRIP = 0.05 AC.
NET AREA OF SEC. 1 = 2.13 AC.
- B. PRESENT ZONING IS R-20.
SPECIAL EXCEPTION BA CASE NO. 85-30E
FOR A GARDEN CENTER WAS APPROVED
BY BD. OF APPEALS ON 10-29-85.
- C. FLOOR SPACE: SALES BLDG. = 1,064 SQ. FT.
STORAGE BLDG. = 80
GAZEBO = 100
TOTAL = 1,244 SQ. FT.
- D. MAX. EMPLOYEES: FULL PART TIME TOTAL
INITIALLY 1 3 4
FUTURE 1 5 6 7
- E. PARKING SPACES:
REQUIRED BY SPECIAL EXCEPTION = 18 SP.
PROVIDED = 18 SP.
HANDICAP SPACES INCL. IN ABOVE = 2 SP.
- F. OPEN SPACE TO REMAIN ON SITE = 1.81 AC. = 85%.
- G. BLDG. COVERAGE OF SITE = 0.0286 AC. = 0.013%.

LEGEND

- CONTOUR LINE: EXISTING _____ PROPOSED _____
- TOP OR TOE OF SLOPE: _____
- SWALE _____
- RUNOFF FLOW (ARROW WITHOUT
LABELS OR NUMBERS) _____
- SILT FENCE _____
- SELECTED EXISTING TREES _____
- APPROVED PERK TESTS PF-1 THRU PF-4 _____



Werner Klotzli, Jr.
REG. NO. 7934

OWNER/DEVELOPER: **WOODSTOCK FARM NURSERY, INC.**

ALICE M. BENDER, PRES.
10375 Cavey Road
Wood Stock Md. 21163

ENGINEER: **WERNER KLOTZLI, JR., P.E.**

SITE PLANNER & CIVIL ENGINEER
4006 Chatham Road
Ellicott City, Md. 21043
Tel (301) 465-3912

SURVEYOR: **HUDKINS ASSOCIATES, INC.**
Joseph Square
Columbia, Md. 21204

SUBDIVISION NAME		SECT. / AREA	LOT / PARCEL #
WOODSTOCK FARM NURSERY		1	257
PLAT # OR L/F	BLOCK #	ZONE	TAX / ZONE MAP
1450/420		R-20	31
WATER CODE		SEWER CODE	
GOT		278 0000	
LOT NUMBER		STREET ADDRESS	
257		5469 WATERLOO ROAD (MD. ROUTE 198)	

SITE DEVELOPMENT PLAN
582.1
WOODSTOCK FARM NURSERY
ALICE M. BENDER, PRES.
DEED: LIBER 1450 / FOLIO 420 app. 2-4-87.
FIRST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
TAX MAP NO. 31, PARCEL NO. 257
SCALE: 1"=20' DATE: JAN 29, 1987 SHEET 1 OF 3