

3/15/96
5/2/96
7/16/96
100

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 56492

A 49015

DISTRICT _____

DATE 3-14-96

DATE SYSTEM APPROVED 7/16/96

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~PHONE~~ 313-2640

K&K Excavating, Olen Ketterman

IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 14960 Route 144, Woodbine, MD 21797 PHONE 442-1336

SUBDIVISION West Friendship Estates LOT 3 ROAD 3124 Fox Valley Drive

PROPERTY OWNER Selfridge Homes, Inc. Shares

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 140 feet up the left (361.74') lot line and 10' off that same lot line as seen when facing the lot from Fox Valley Drive. Run trenches on contour toward the right 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.

PLANS APPROVED BY Amy McMillen / [Signature] 3-11-96 DATE 8/25/96

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.

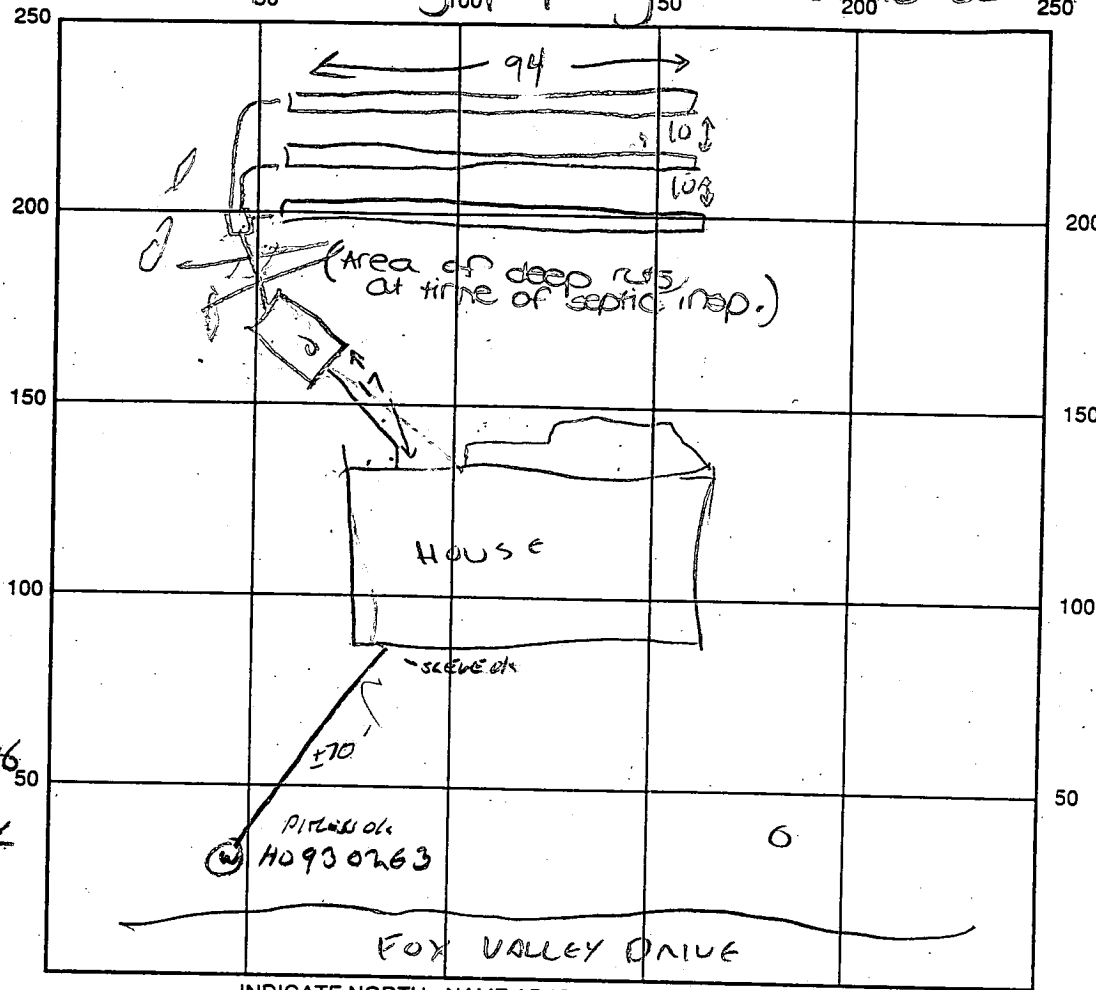
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

ORDER PERMIT SIGNED
AND RETURNED 8-27-97
Serial # BM107633
addition - ded

A 49015

7/16/96 Site inspection performed to verify proper working of system due to concern of deep ruts. Mr. Herrera (site super.) at site w/ contractor, confirmed water had been running 48 hours. Confirmed that septic tank is operating properly - no evidence of damage.



OK (DKS)

5/15/96
WPI
OK SH

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL CLEANOUTS ST

DISTRIBUTION BOX LEVEL

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 282 FT.

NUMBER OF TRENCHES 3 (a) 94 ONE SIDEWALL/BOTTOM AREA 846 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: SYSTEM INSTALLED PER PLAN - ACCURATE DIMENSIONS NOT TAKEN.
LIMITED ACCESS - (RAINY=MUDDY) 3/15/98 CW.

HOUSE SEWER LINE NOT YET INSTALLED.

HOUSE CONNECTION COMPLETE 5/3/96 CW

* DEEP RUT - EQUIPMENT TRACKS (NOT SEPTIC CONTRACTOR'S) IMMEDIATELY BEHIND

SEPTIC TANK - MAY HAVE DISLODGED EFFLUENT LINE + EROSION "TUBES" AT EDGE OF TANK

DATE SYSTEM APPROVED 7/16/96

INSPECTOR DAVID K. SOR

APPLICATION

PERCOLATION TESTING

A 46971

P _____

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

DISTRICT _____

DATE 4/4/91

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 PERCONTEE, INC. Selfridge Builders, Inc.

ADDRESS 11900 TECH RD. SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION: West Friendship East
SUBDIVISION IVORY HILL PROPERTY LOT NO. 83

ROAD AND DESCRIPTION IVORY RD. E RT. 32, SOUTH OF RT. 70
3124 Fox Valley Drive

TAX MAP 15 PARCEL # 42

BLDG. PERMIT SIGNED AND RETURNED 3-13-96

SIZE OF LOT 3.00 AC. +/- TYPE BLDG SFD - 4 BRMS
(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]
(SIGNATURE OF APPLICANT)
FOR PERCONTEE, INC.

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

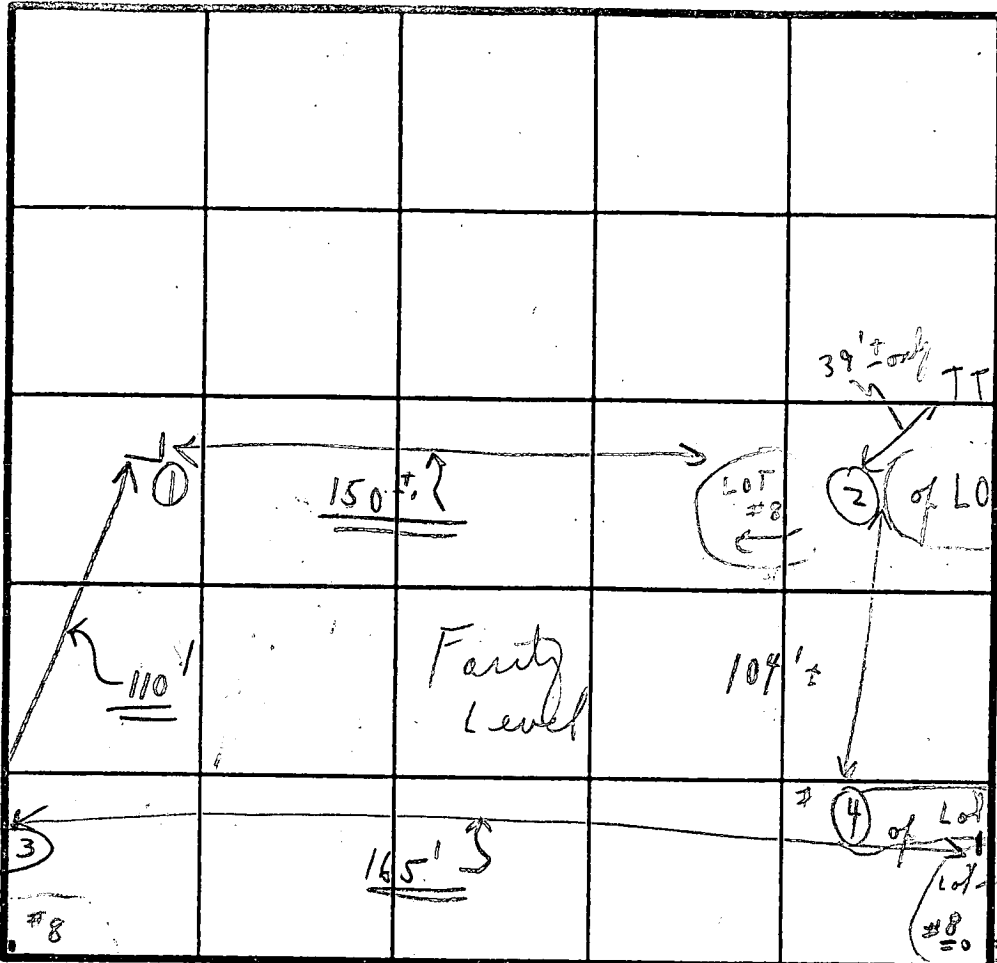
THIS IS NOT A PERMIT

#46991

#8

SOIL PROFILE

See each hole term for each hole



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Proposed "Unnamed Road"

DATE	TEST NO.	DEPTH (Case)	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/23/91	①	5 1/2'	9:32	9:34	9:34	9:36	2 min
Tues.	②	1 1/2'	0: -	clay loam			
	③	5 1/2'	9:42	9:54	9:54	10:08	14 min
	④	12'	0: -	clay loam			
	⑤		0: -	clay loam			

REMARKS 4/19/91 Tests in open field (all dry in bottom)
 TYPE OF SOIL Note holes open overnight to check on water table
 TESTED BY C.B. M. ↔ For 4/23/91 ALSO PRESENT { O. Ketterman (2) }

APPLICATION

PERCOLATION TESTING

A 46970

P _____

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

DISTRICT _____

DATE 4/4/91

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 PERCONTEE, INC.

ADDRESS 11900 TECH RD. SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION: West Friendship Est

SUBDIVISION IVORY HILL PROPERTY LOT NO. # A/B

ROAD AND DESCRIPTION IVORY RD. E RT. 32, SOUTH OF RT. 70

TAX MAP 15 PARCEL # 42

SIZE OF LOT 3.00 AC. +/- 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.

John C. [Signature]
(SIGNATURE OF APPLICANT)
FOR PERCONTEE, INC.

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

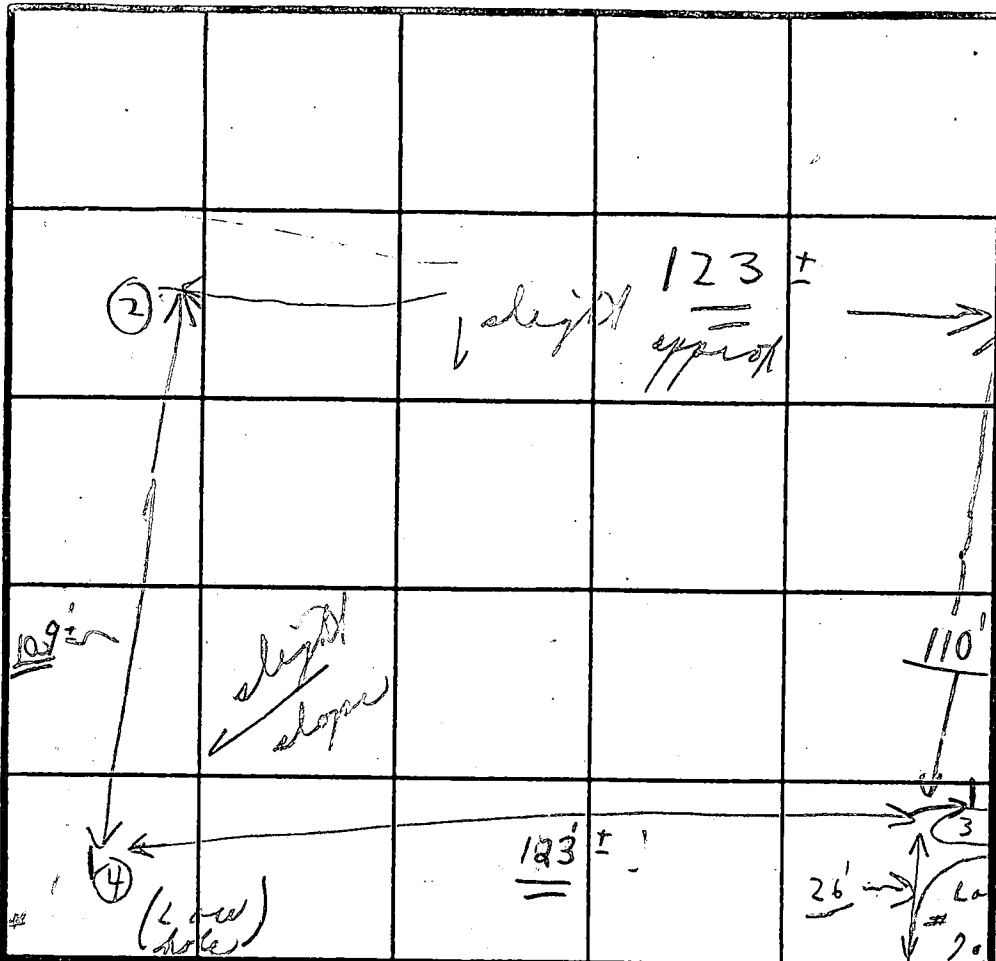
THIS IS NOT A PERMIT

A # 46990

7

SOIL PROFILE

See each test time for each hole



Proposed Unnamed Road

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Proposed "Unnamed Road"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/23/91	1	'	:	:	:	:	
Time	1	'	0' - :	clay loam			
	2	12' 8"	0' - 6" 5' - :	clay loam			Visit meter to 1
	3	'	0' - :	clay loam			
	4	5 1/2'	9:55	10:15 (1/4")	10:15 (1/4")	10:15	KXX
	1	13 1/2'	0' - :	clay loam		DRY	OK before 10:25
		7'	11:58	12:05	12:05	12:17	12 min

REMARKS 4/23/91 Tests in open field (Dry) (Lunch 10:15 to 11:05) W.F. area

TYPE OF SOIL Note holes open overnight to check on water table

TESTED BY C.B. V For 4/23/91 ALSO PRESENT {O. Ketterman (2)}

APPLICATION

PERCOLATION TESTING

A 49015

ELG

P _____

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

DISTRICT _____

DATE 3/5/93

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION W FASHP I LOT NO. 4

ROAD AND DESCRIPTION Wood Farm 1/25/93

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 _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS FAIL - ROCK

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

AND SPECIFICATION FOR...
 NOT...
Approved Septic System Plan
Howard County Health Department

Q₁₀ = 3.4cfs
 V₁₀ = 2.2FF
 S_{MIN} = 0.34%

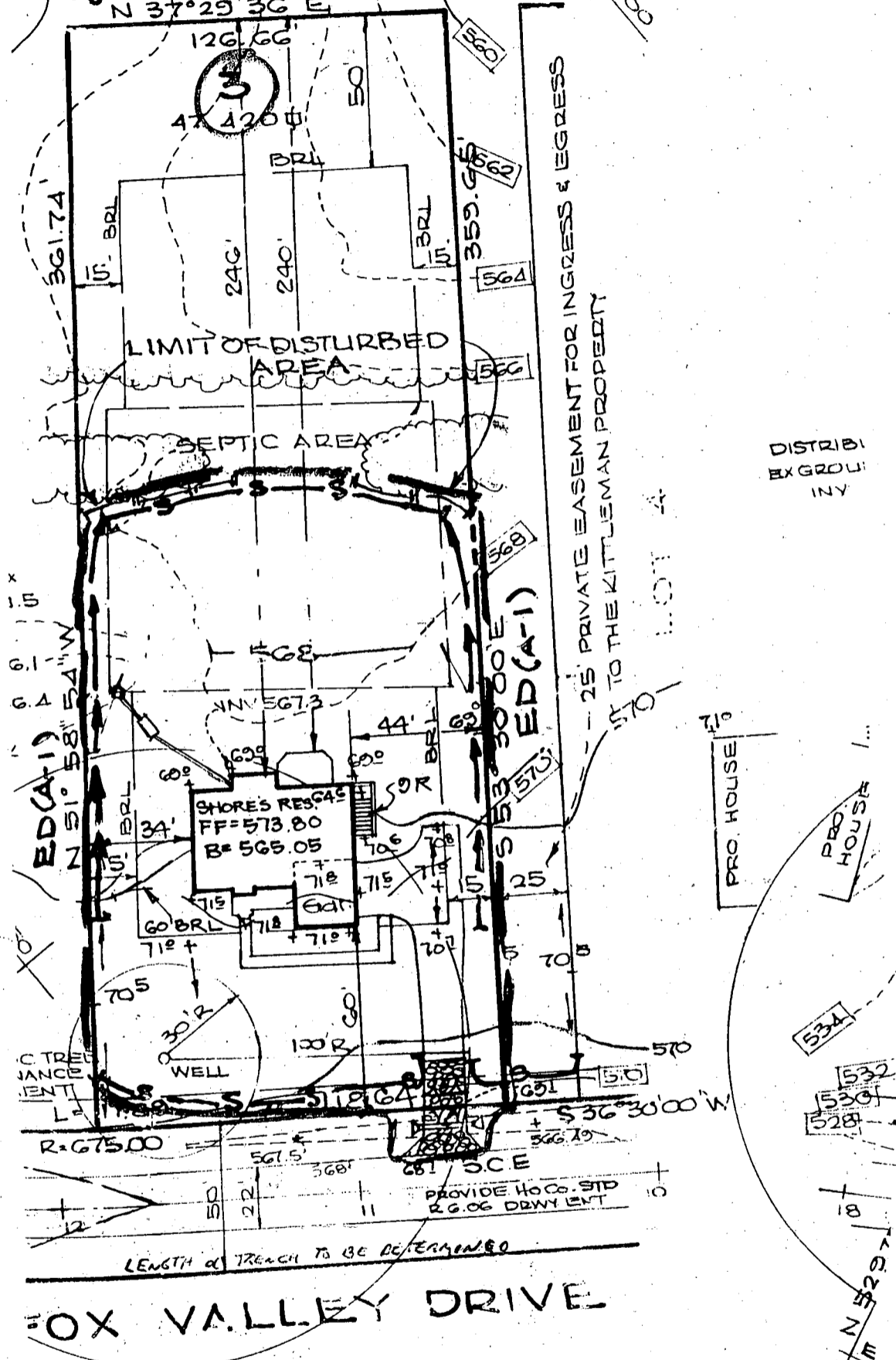
520

PROFILE - DF
 L

Signature

Date

N 37° 29' 36" E



DISTRIB
 EX GROI
 INY

* MEETS SWALE GRADES AT SPOT
 ELEVATIONS SHOWN ON PLAN

PRO GRADE
 568.27

566.73 EXIST GRADE

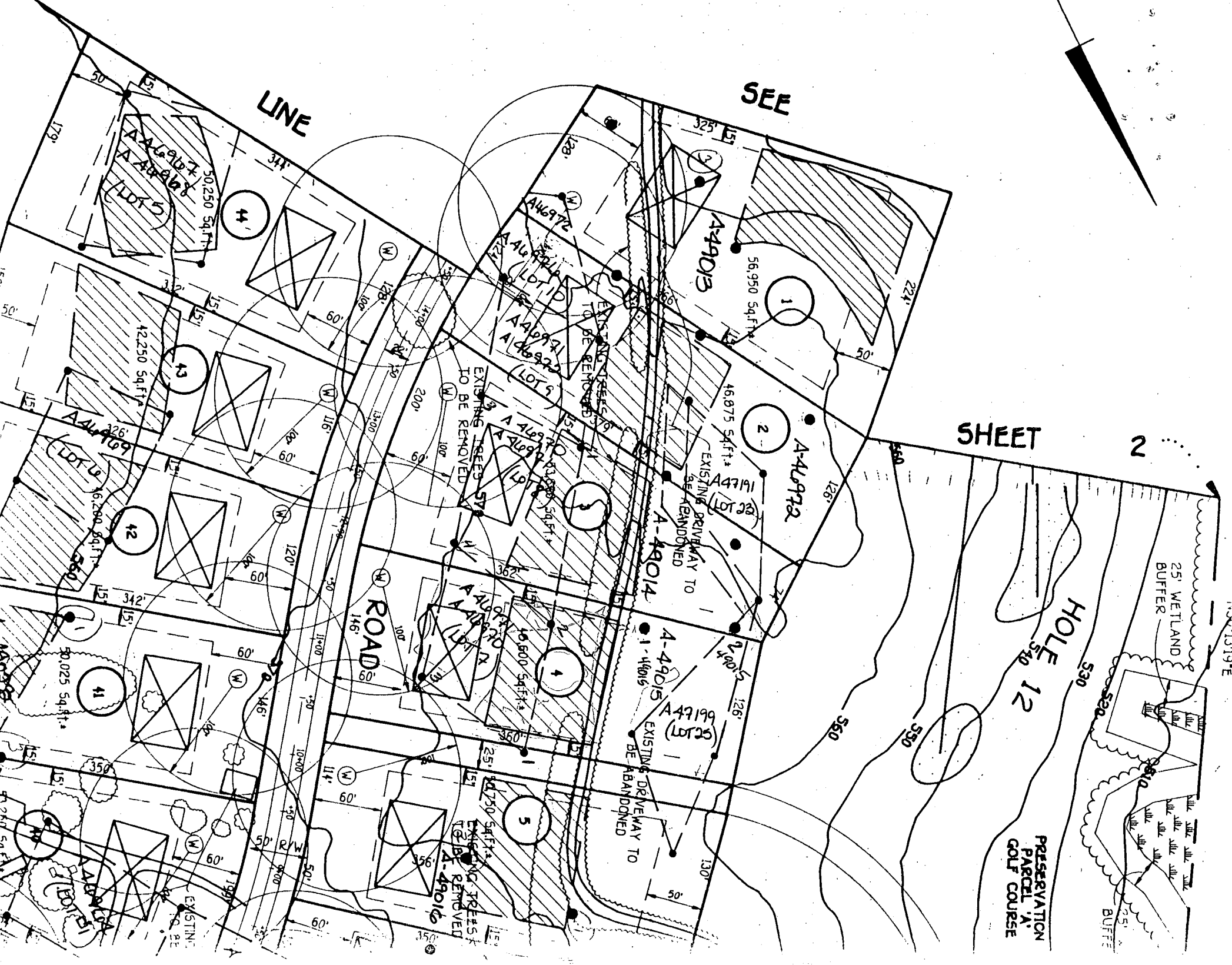
11x12" CMP ICGGA.
 @ 1.0%
 Q₁₀ = 2.3cfs
 V₁₀ = 1.9FFS
 S_{MIN} = 0.11%

Reviewed for HOWARD S.C.D.

and meets Technical Requirements

Patricia Taylor 3/16/96
 Signature Date
 US Soil Conservation Service

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



LINE

SEE

SHEET

2

HOLE 12

25' WETLAND
BUFFER

PRESERVATION
PARCEL 1/4

EXISTING TREES
TO BE REMOVED

EXISTING DRIVEWAY TO
BE ABANDONED

EXISTING PRESS
TO BE REMOVED

EXISTING DRIVEWAY TO
BE ABANDONED

ROAD

