

9/13/96
10:00
9/17/96
AMTME

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-328582

P 57096

A 50845M

DISTRICT 4th

DATE 8-29-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 XXXX 313-2640

DATE SYSTEM APPROVED 9/18/96

INSPECTOR *ll*

INDEXED

Charles A. Stancer IS PERMITTED TO INSTALL ALTER

ADDRESS 16920 Hardy Road Mt. Airy, MD 21771 PHONE

SUBDIVISION BRIDLEWOOD PRESERVATION LOT Parcel "A" ROAD 16900 Hardy Road

PROPERTY OWNER Charles Stancer

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

CALL FOR TRENCH LAYOUT INSPECTION PRIOR TO EXCAVATION

NUMBER OF BEDROOMS 1

SEPTIC EASEMENT TO BE STAKED

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

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 the distribution box at the highest corner of the septic easement. Run trenches along contour towards opposite side of the septic easement.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 8/5/96 DCS*

PLANS APPROVED BY Glen Savage DATE 08/01/96

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

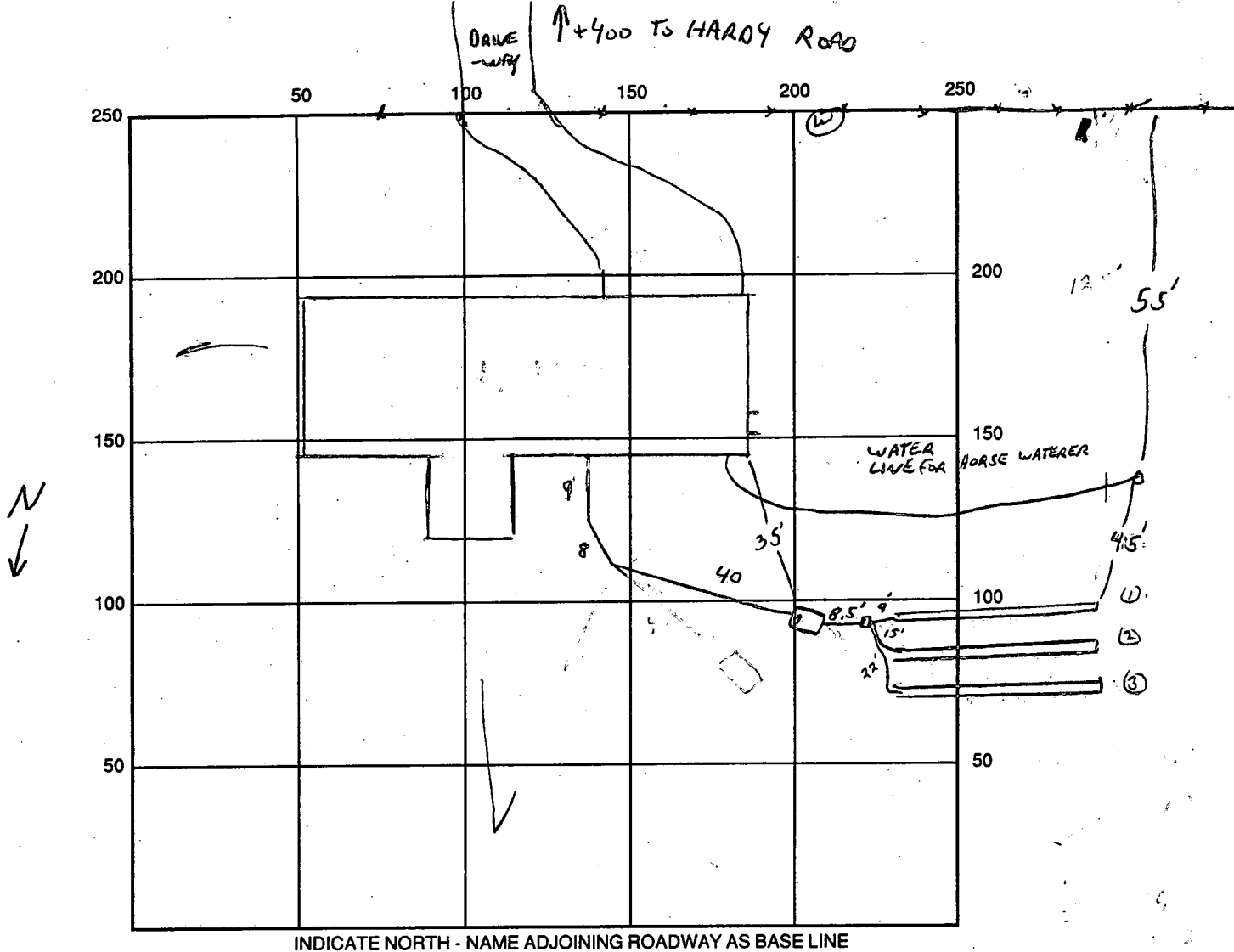
PERMIT VOID AFTER TWO YEARS

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**

A 50845M



SEPTIC TANK LEVEL OK CLEANOUTS 1 ON TANK

DISTRIBUTION BOX LEVEL OK

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\frac{112}{15} \frac{3}{15}$ FT. = 22.5

NUMBER OF TRENCHES 3 ~~ONE SIDE WALL~~ BOTTOM AREA 675 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 9-4-96 SEPTIC CASEMENT STATED, NOT SURVEYED, LAYOUT ACCEPTABLE,
TRENCHES TO BE LAYOUT WITH TRANSIT AT TIME OF TANK INSTALLATION
SURVEYOR TO CHECK STAKING ON 9/6. ~~OR~~ 9/13/96
SEPTIC SYSTEM OK TO COVER. HOUSE CONNECTION INSPECTION
REQUIRED FOR FINAL. ~~BY~~ 9/18/96 HOUSE CONNECTION OK. ~~BY~~
SEPTIC SYSTEM IS 4.5' OVER SPEC SIZE.

DATE SYSTEM APPROVED 9/18/96 INSPECTOR Hal [Signature]

APPLICATION

PERCOLATION TESTING

A 50845M

P _____

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

DISTRICT _____

DATE 8-1-95

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 CHARLES STANCER

ADDRESS 16920 HARDY RD PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION STANCER PROPERTY LOT NO. _____

ROAD AND DESCRIPTION (16900 Hardy Road)

TAX MAP 7 PARCEL # 337

SIZE OF LOT PRESERVATION PARCEL TYPE BLDG. _____
*BLDG. PERMIT SIGNED AND RETURNED 8/1/96
Dist # BM 101447
SEO 1 Bedroom*
(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 [Signature] FOR SEO DATE 2-28-96

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

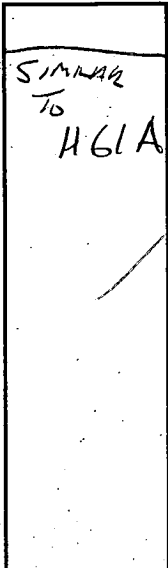
A50845-m

COUNTY #

SOIL PROFILE

H641A

0'



H63A

TOPSOIL

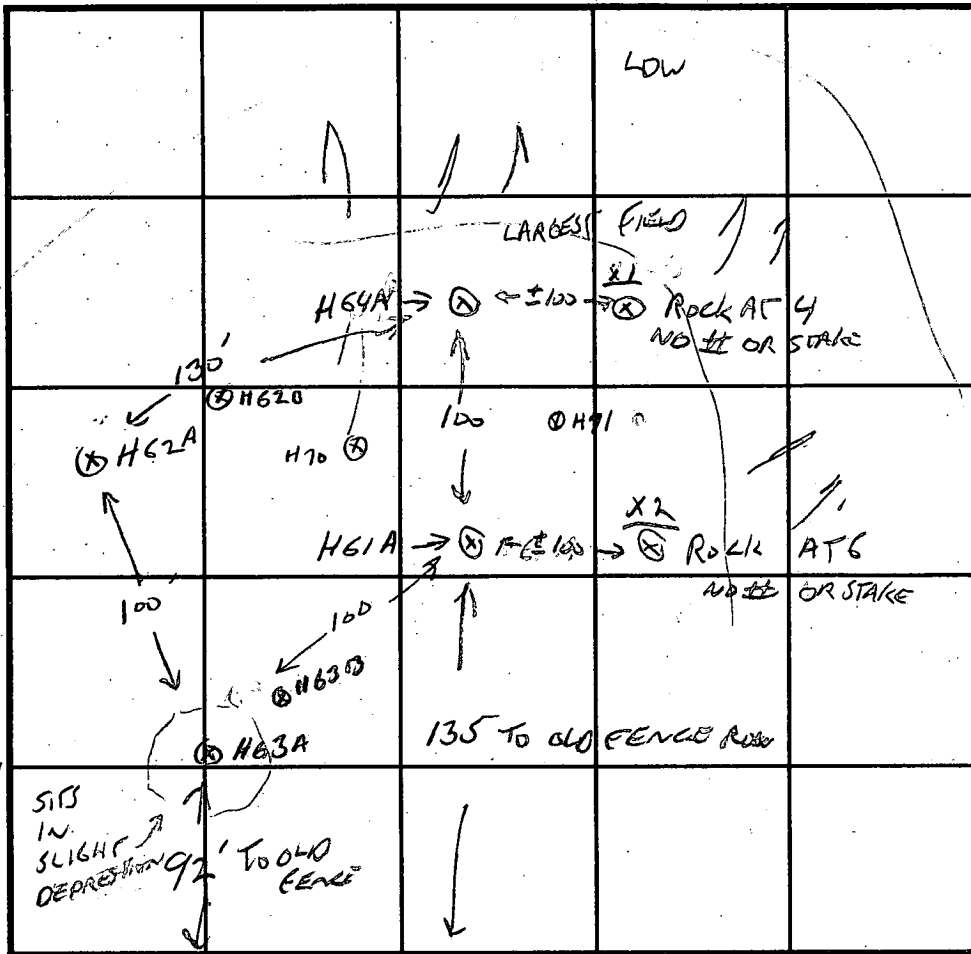
BROWN CLAY SILT LOAM

SAPROLITE SILT LOAM

EVIDENCE OF WATER TABLE BELOW 9' FEW ROOTS

H62A

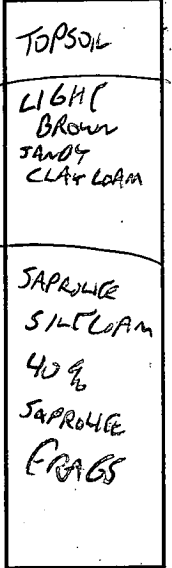
1/2" SIMILAR TO H63A FEW ROOTS BELOW 8'



SOIL PROFILE

H61A

0'



HARDY RY

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HARDY RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-1-95	H61A	2' 6"	2:33	2:35	2:35	2:40	5 MW
		5'	2:37	2:39	2:39	2:42	3 MW
	H64A	2' 4"	2:47	2:50	2:50	2:54	4 MW
	H63A	2' 4"	3:15	3:19	3:19	3:28	9 MW
	H62A	2' 4"	3:22	3:34	3:34	3:54	20 MW
		2' 6"	3:31	3:53	TEST STOPPED		
X1	TEST HOLE DUG 100' EAST OF H64A - ROCK AT 4' CONTRACTOR MOVED						
X2	TEST HOLE DUG 100' EAST OF H61A - ROCK AT 6' CONTRACTOR MOVED						

REMARKS ALL HOLES THIS PAGE DUG DIFFERENT THAN STAKED, DID NOT SEE ORIGINAL STAKING

TYPE OF SOIL

TESTED BY GLEN SAUSAGE

ALSO PRESENT CHARLES STAWER WILL HOPKINS

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 9 MW

TRENCH WIDTH 3

INLET DEPTH 3

MAXIMUM BOTTOM DEPTH 5

SQ. FT./BEDROOM 210

APPLICATION

PERCOLATION TESTING

NO ADDITIONAL FEE
IS A CONTINUATION OF

A 50845-M

P _____

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

DISTRICT _____

DATE 1/31/96

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 CHARLES STANCER

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS 16920 HARDY ROAD PHONE 410-489-7340

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP 7 PARCEL # 337

SIZE OF LOT PRESERVATION PARCEL TYPE BLDG. SFO
(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 [Signature] FOR S.F.D. DATE 2-28-96

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

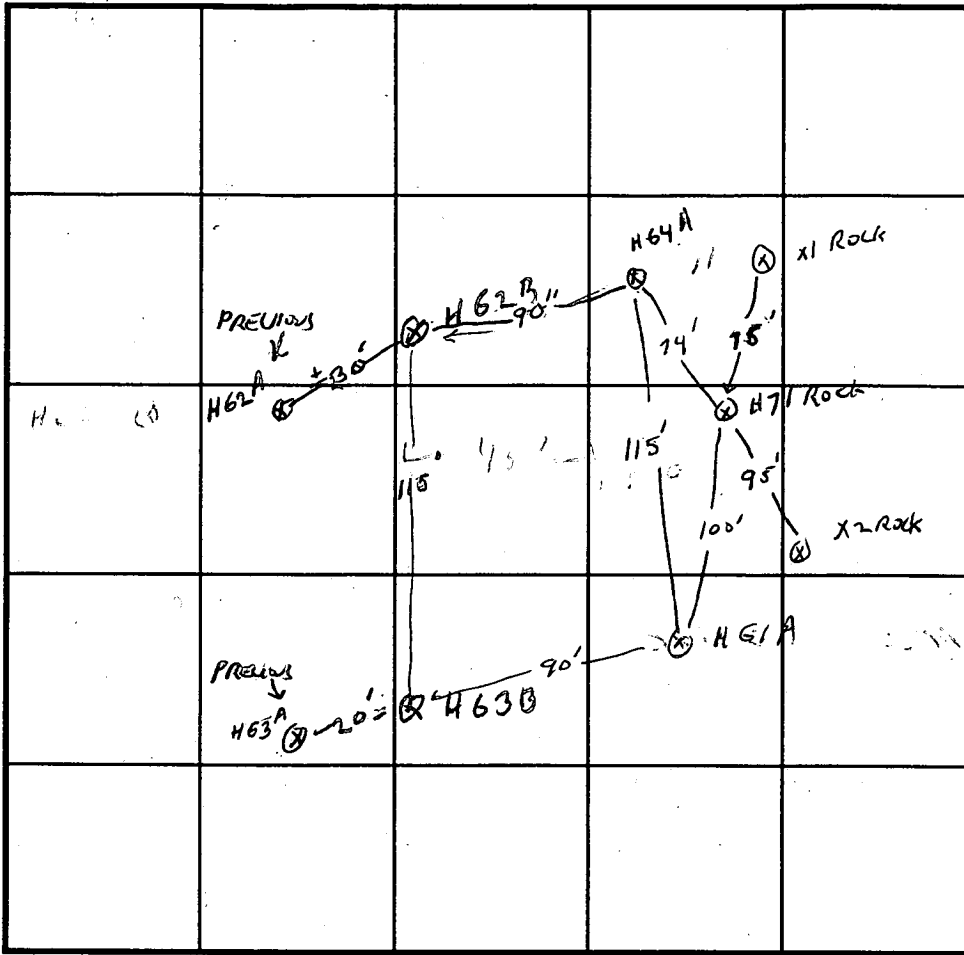
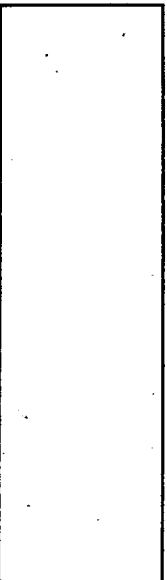
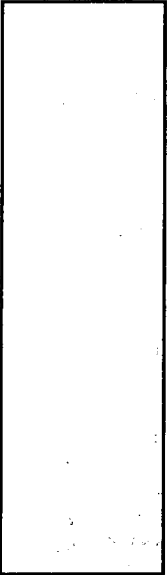
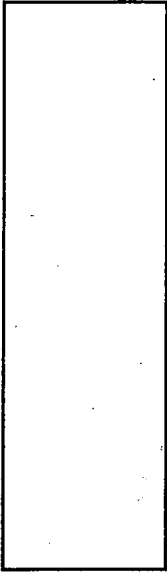
A-50845M

COUNTY #

50

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

H62

SIMILAR
TO H61-H63
DRY

ROCK ROCKET
AT 7'
HOLE WIDENED -
NO ADDITIONAL ROCK
FOUND
NO WATER

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/31/86	H63B	3' 6"	11:44	11:50	11:50	11:58	8 min
		7'	11:45	11:50	11:50	11:59	9 min
	H62B	3'	12:03	12:09	12:09	12:25	16 min
		7'	12:02	12:08	12:08	12:15	7 min
	H71 ROCK						
	H70 NOT TESTED						

REMARKS LOT 13 SHALLOW SYSTEM ONLY

TYPE OF SOIL _____

TESTED BY G. SAVAGE ALSO PRESENT STANER, HOKINS, HART

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 9 MIN TRENCH WIDTH 3

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 210

C1 5352

SEQUENCE NO. (DENV. USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A-50845M

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 0 7 0 2 9 6

Depth of Well 1 0 3 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 7 0 - 9 4 - 0 8 2 6

OWNER Stancer Charles last name first name STREET OR RFD 16220 Hardy Rd. TOWN Mount Airy SUBDIVISION Bridle Wood SECTION LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include DIRT, SOFT BRN SHAL, HARD BRN SHALE, FRACTURE, HARD BLUE SHALE.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 10, NO. OF POUNDS 940.

CASING RECORD: casing types insert appropriate code below, ST CO STEEL CONCRETE, PL OT PLASTIC OTHER.

MAIN CASING TYPE S T, Nominal diameter top (main) casing 6, Total depth of main casing 25.

OTHER CASING (if used) diameter inch 4, depth (feet) from 0 to 50, PL 4 90 103.

SCREEN RECORD: screen type or open hole insert appropriate code below, ST BR HO STEEL BRASS OPEN HOLE, PL OT PLASTIC OTHER.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED Y N

DEPTH (nearest ft.) table with rows for PL 50, PL 80, PL 90, SLOT SIZE 010, DIAMETER OF SCREEN 4.

CIRCLE APPROPRIATE LETTER: A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED, E ELECTRIC LOG OBTAINED, P TEST WELL CONVERTED TO PRODUCTION WELL.

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

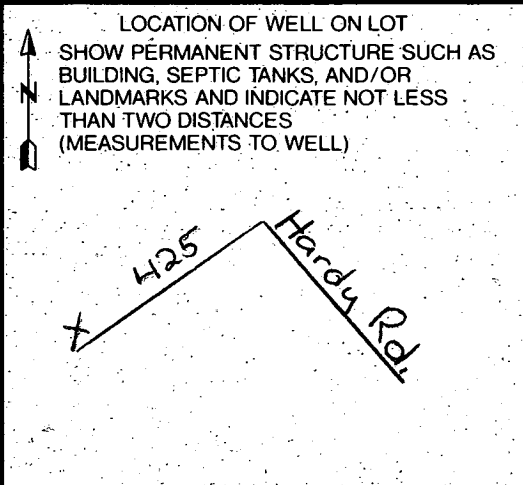
DRILLERS IDENT. NO. 256 Dana Kyker Jr. II DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Dana Kyker Jr. III SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK 102 19 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 12, METHOD USED TO MEASURE PUMPING RATE Submersible, WATER LEVEL 21, WHEN PUMPING 23, TYPE OF PUMP USED S submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED S, CAPACITY 31, PUMP HORSE POWER 37, PUMP COLUMN LENGTH 43, CASING HEIGHT 2.



HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 9-26-96

Name of Installer K.H. Plumbing

Telephone 857-0255

License Number 8300

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Charles Stancer

Telephone 489-7340

Subdivision _____ Lot # _____ Well Tag # _____

Site Address 16900 Hardy Dr.

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make _____
- Model # _____
- Capacity _____ GPM

Motor

- Horsepower _____
- RPM _____
- Voltage _____
 - 110 _____
 - 220 _____

Pitless Adapter

- Make _____
- Model # _____
- Depth _____

- Pump exceeds well capacity Yes _____ No _____
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Tank

- Capacity _____
- Pressure relief valve?

Piping

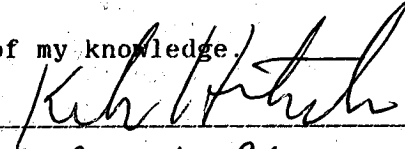
- Type 1"
- Size _____
- NSF and/or BOCA Code approved _____
- Depth of supply line 42"

Well data

- Depth _____ ft.
- Yield _____ GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? _____

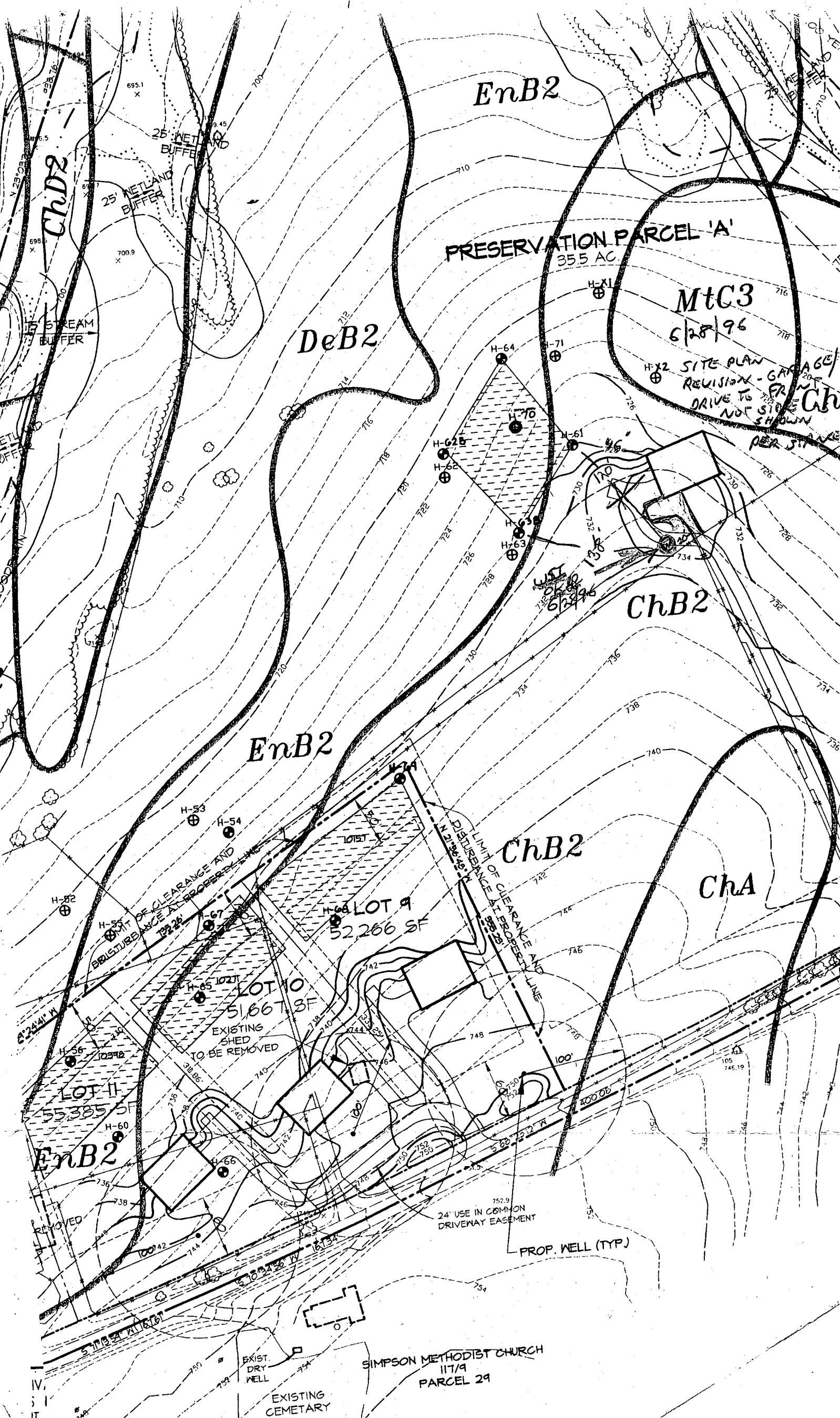
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: 

Date: 9-26-96

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



EnB2

PRESERVATION PARCEL 'A'
35.5 AC.

MTC3

6/28/96

H-72 SITE PLAN REVISION - GARAGE/ DRIVE TO NOT SHOWN PER SITE PLAN

DeB2

ChB2

EnB2

ChB2

ChA

LOT 9
52,266 SF

LOT 10
51,667 SF

LOT 11
55,385 SF

EnB2

24' USE IN COMMON DRIVEWAY EASEMENT

PROP. WELL (TYP.)

SIMPSON METHODIST CHURCH
117/9
PARCEL 29

EXISTING CEMETARY

EXIST DRY WELL

25' WETLAND BUFFER

25' WETLAND BUFFER

ChD2

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

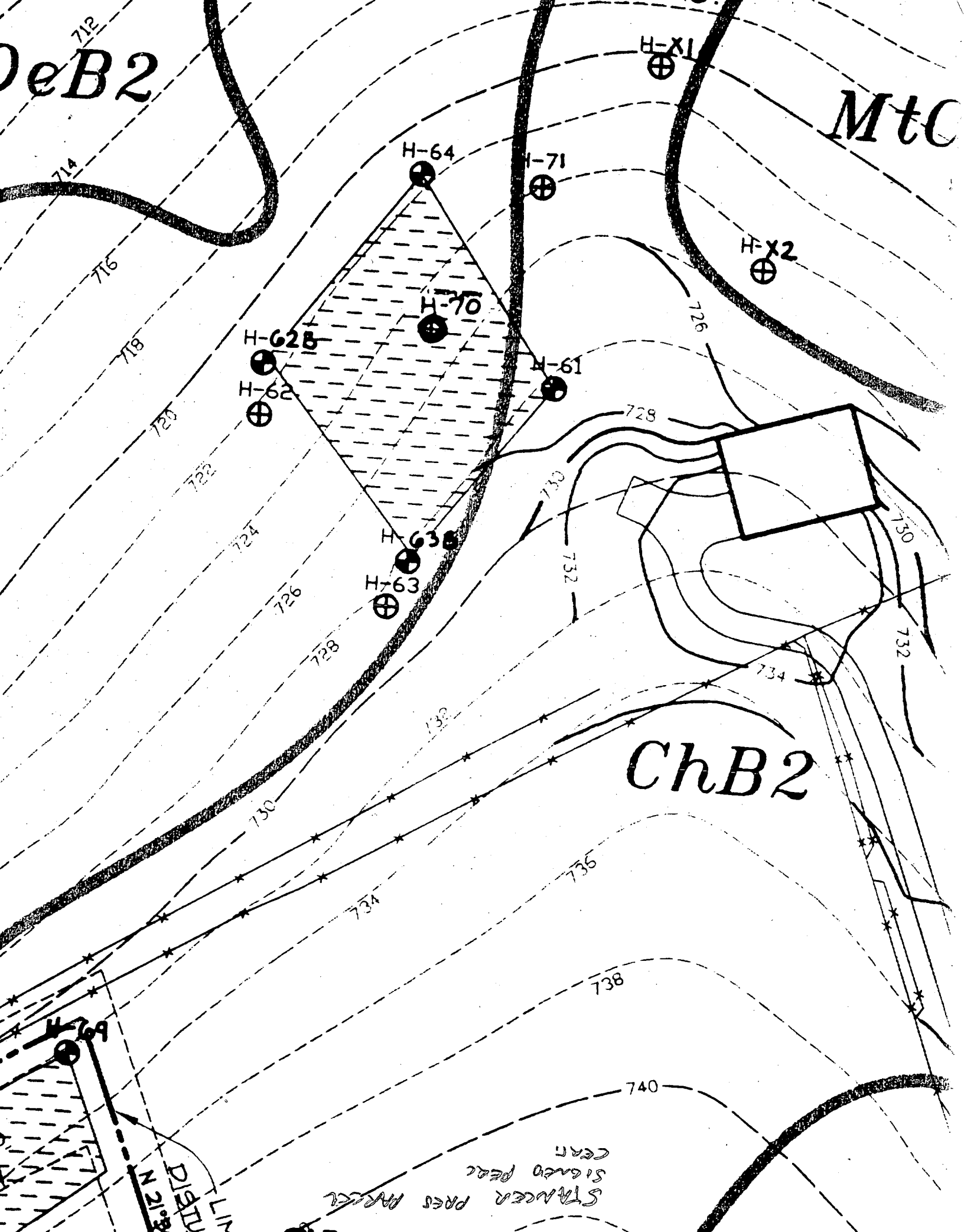
15' STREAM BUFFER

15' STREAM BUFFER

15' STREAM BUFFER

DeB2

MtC



H-64

H-71

H-X1

H-X2

H-70

H-62B

H-61

H-62

H-63B

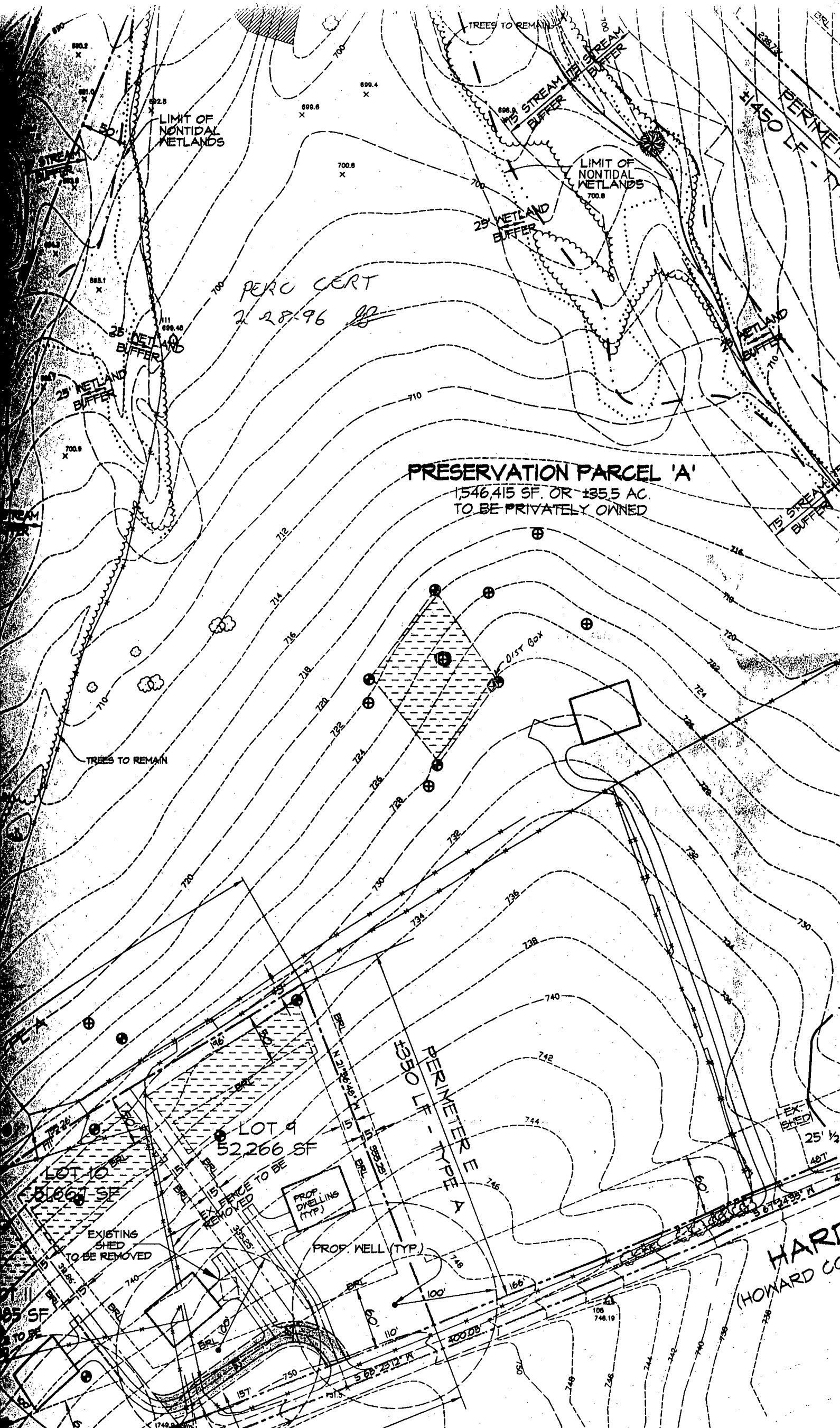
H-63

ChB2

H-69

MILITARY DISTRICT

STANER PRES AREA
SIGNED PER
CAR



PERC CERT
2-28-96

PERSERVATION PARCEL 'A'
1546,415 SF. OR 35.5 AC.
TO BE PRIVATELY OWNED

LOT 9
52,266 SF

LOT 10
55,666 SF

PERIMETER TYPE A
1450 LF

PROP DWELLING (TYP)

PROP. WELL (TYP)

EXISTING SHED TO BE REMOVED

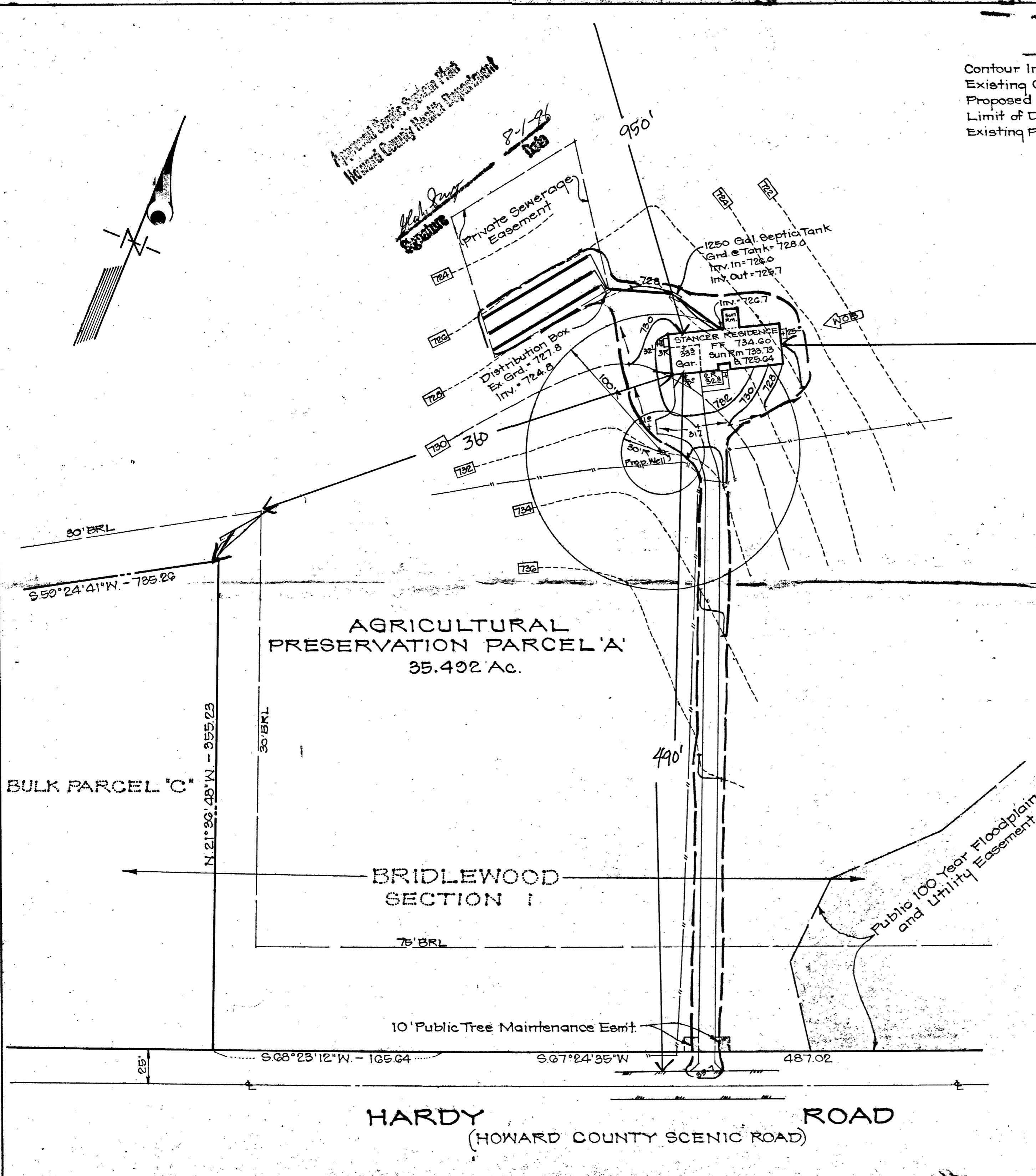
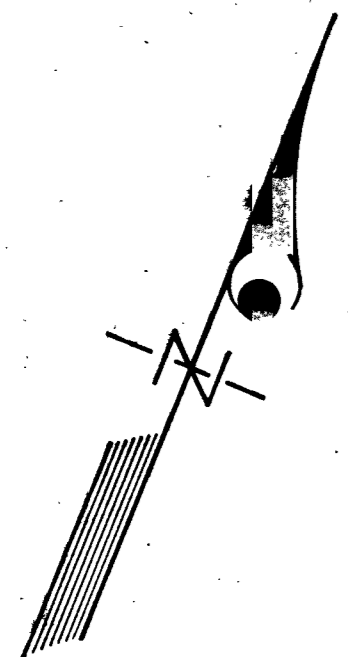
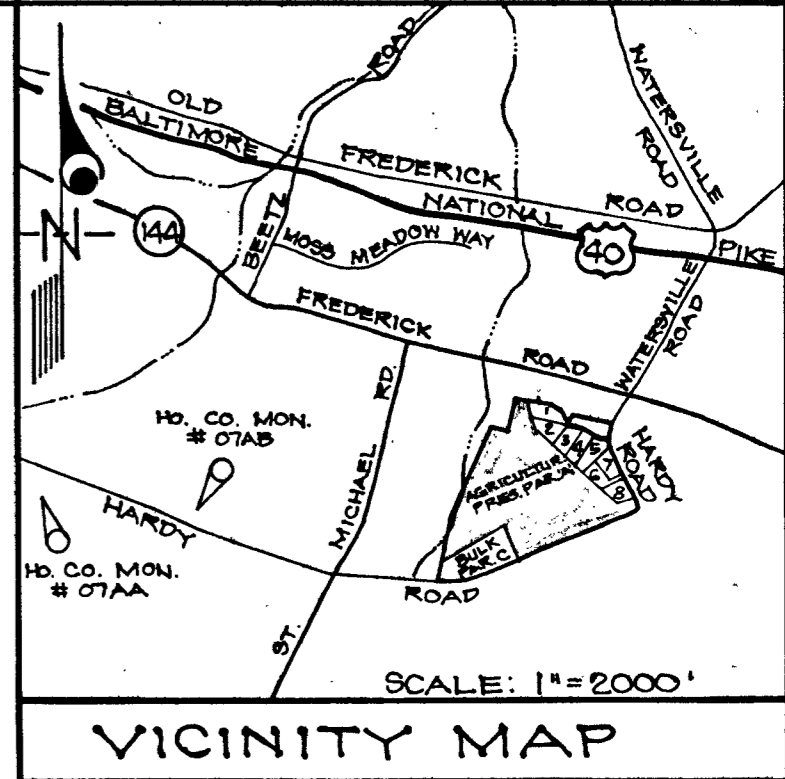
HART
(HOWARD CO)

Approved Septic System Plan
Howard County Health Department

8-1-96
123

LEGEND

Contour Interval	2 Ft.
Existing Contour	--- 722 ---
Proposed Contour	--- 732 ---
Limit of Disturbance	=====
Existing Paving	=====



GENERAL NOTES

- Existing Topography was field run by Clark, Finefrock & Sackett on 7-3-96
- Length of septic trenches to be determined at time of permit issuance.
- Total Disturbed Area = 25,560 sq ft

		CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.	
		SITE DEVELOPMENT PLAN PART OF AGRICULTURAL PRESERVATION PARCEL A BRIDLEWOOD SECTION 1 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=50' DRAWING 1 of 1 JOB NO. 96-123
DESIGNED 	DRAWN 	CHECKED	DATE 7-10-96
FOR: CHARLES A. STANCER & SANDRA STANCER 16920 HARDY ROAD MT. AIRY, MARYLAND 21771		FILE NO. 96-123X	