

9/9/94
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50235
A 19104
A REPAIR

DISTRICT 5th

DATE 08/24/94

05-383005

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
X461-9933 313-2640

DATE SYSTEM APPROVED 9/9/94

INSPECTOR DKS

INDEXED

Tom Stang IS PERMITTED TO INSTALL ALTER

ADDRESS PHONE 301-926-1462

SUBDIVISION Hallowell Property LOT 6 ROAD 7169 Deer Valley Road

PROPERTY OWNER Kenneth A. Luhn

ADDRESS 7169 Deer Valley Road
Highland, Maryland 21771

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED

BLDG. PERMIT SIGNED
AND RETURNED 11/21/94

Serial # 57264
propane tank

REPAIR - PURPOSE - IN SUPPORT OF BUILDING PERMIT APPLICATION NUMBER: 55545.

Call for inspection when connection from the addition to the septic system has been made so that a sanitarian can approve the location and the connection. 08/24/94

PLANS APPROVED BY *Tom Stang* DATE 9/9/94

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

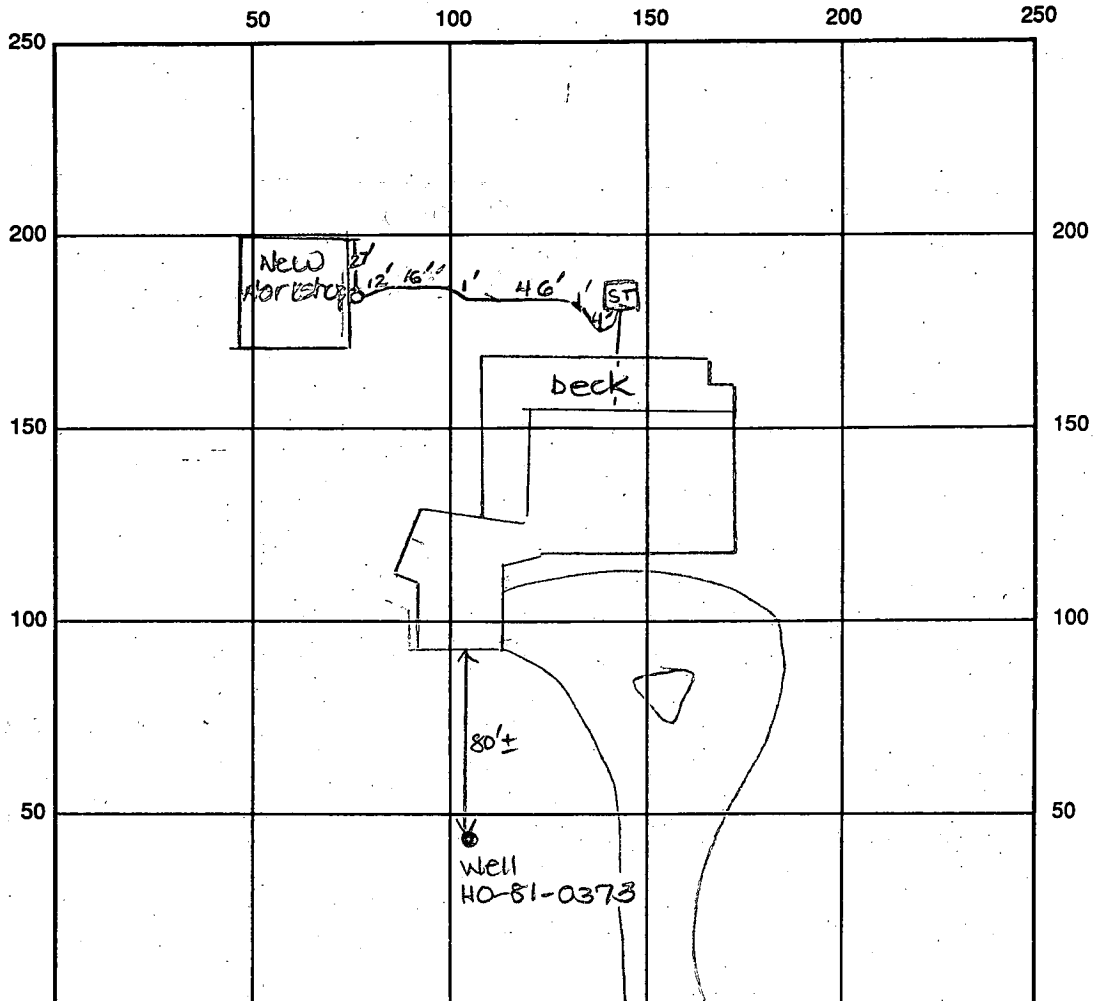
PERMIT VOID AFTER TWO YEARS

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**

P 50235



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Beer Valley Road

SEPTIC TANK LEVEL Existing CLEANOUTS one on s.t., one at workshop

DISTRIBUTION BOX LEVEL Existing

DRAIN FIELD/TITLE DEPTH EX. FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 9/9/94 OK to cover all work. DKS

DATE SYSTEM APPROVED 9/9/94 INSPECTOR *George K. See*

3/19/94
2:00

Approved 4/30/87
C. Williams

PERMIT

P 41938
A 19104

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

ELLICOTT CITY

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH

DISTRICT 5th

~~992-2330~~
461-9933

INDEXED

DATE 4/10/86

FYOCK

~~Wash Contracting~~

IS PERMITTED TO INSTALL ALTER

ADDRESS 15223 Hanover Pike, Upperco, Maryland PHONE 833-1600

SUBDIVISION Hallowell Property ROAD 7169 Deer Valley Rd LOT 6

PROPERTY OWNER Ken & Linda Lubn

854-2948

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

2780
54041540
135

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start first trench 140 feet from the East (437') lot line and 740' from the rear (306.9') lot line. Run trench(s) along contour toward East side of property.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. sk/cw

BLDG. PERMIT SIGNED
AND RETURNED 8/8/94

Serial # 53345 -
1.5 story addition

PLANS APPROVED BY C. Williams DATE 10/15/86

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

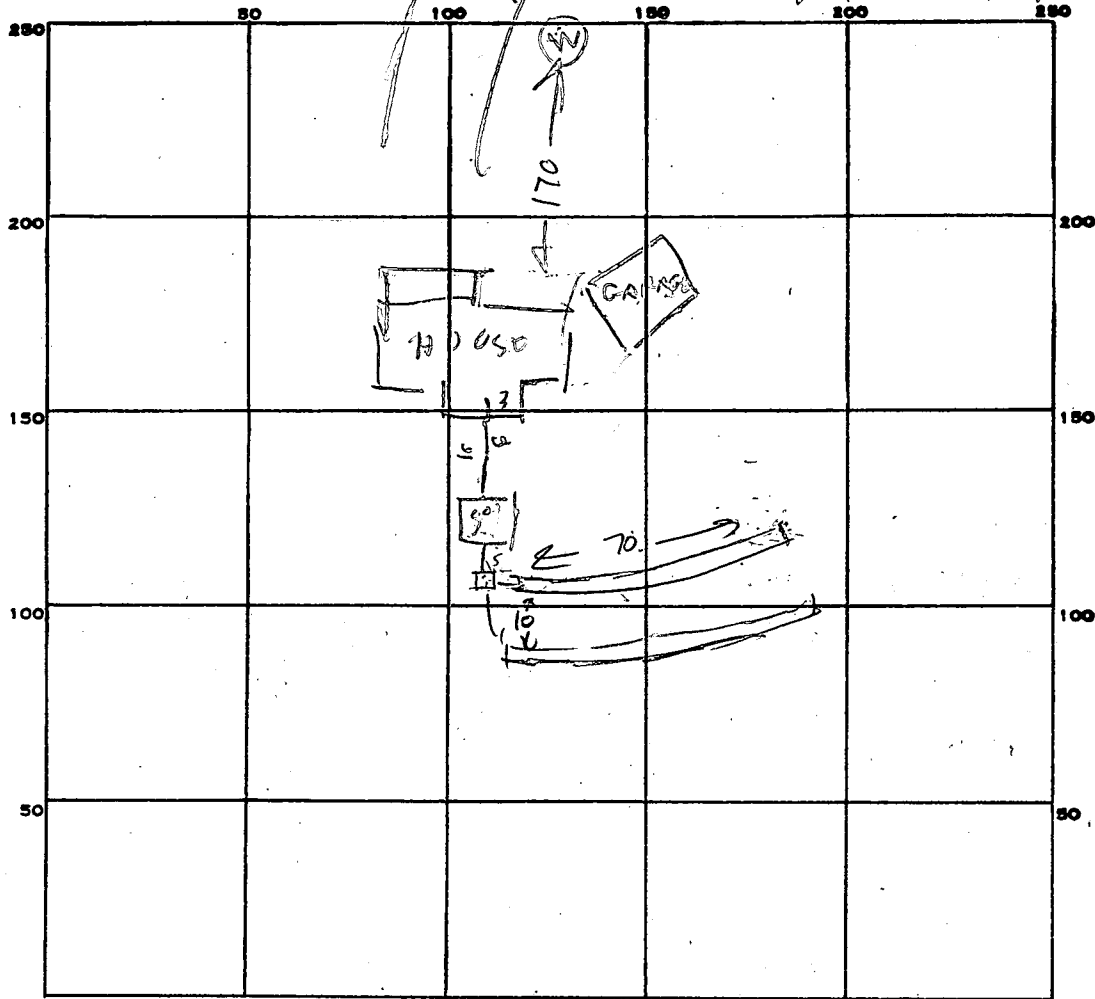
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A19104



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL OK 1000

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 4 IN. TOTAL LENGTH 140 FT.

NUMBER OF TRENCHES 2 (70 FT) TOTAL BOTTOM AREA 540

SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET — FT.

ABSORBENT AREA 540 SQ. FT.

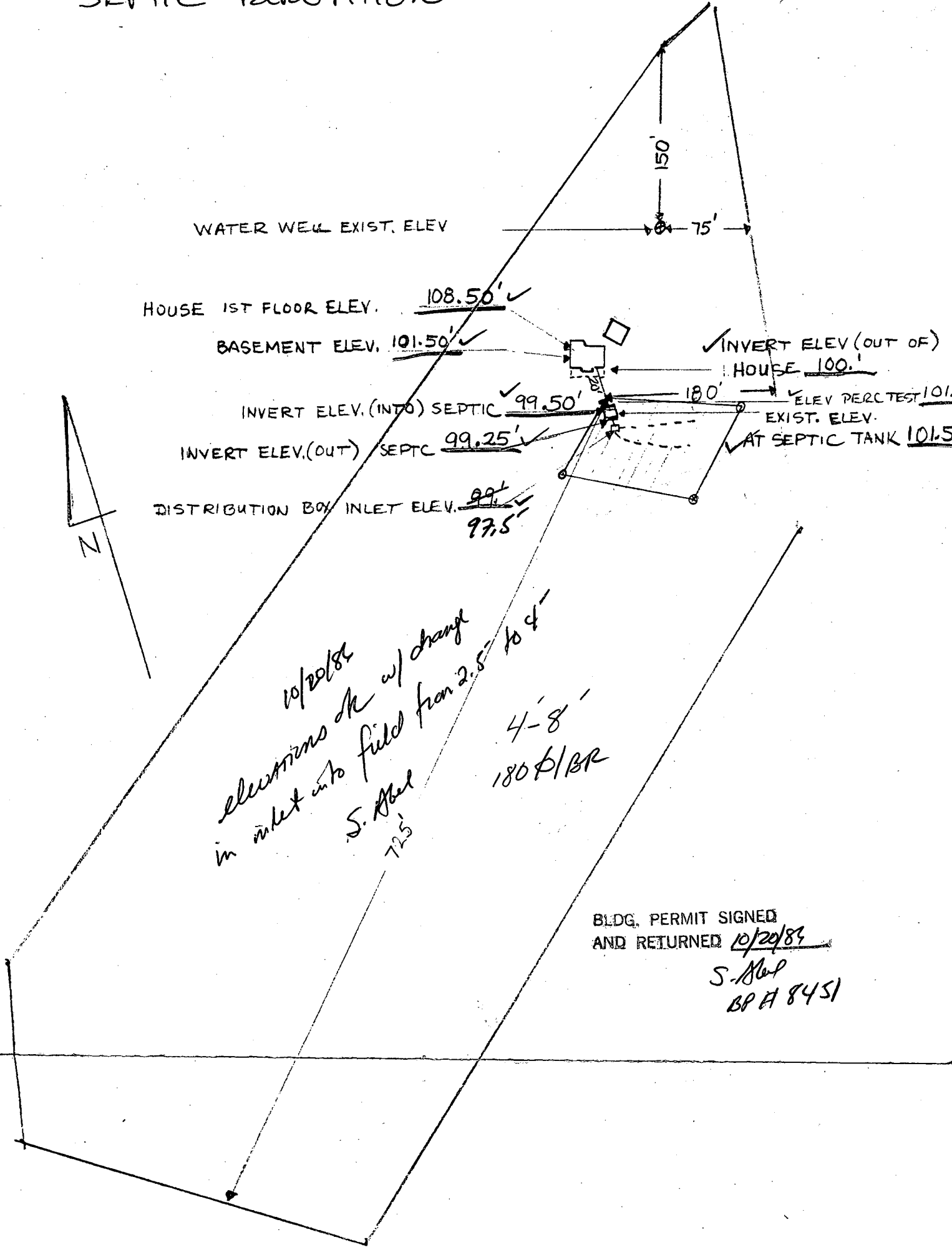
REMARKS 4/16/87 - 11:40 AM - TANK SET. DIG TRENCHES & CALL RH

4/30/87 INSP NOT POSSIBLE - OK TO COVER BASED ON CONTRACTORS VERIFICATION. CW

DATE SYSTEM APPROVED 4/30/87

INSPECTOR CW

SEPTIC ELEVATION



WATER WELL EXIST. ELEV

HOUSE 1ST FLOOR ELEV. 108.50'

BASEMENT ELEV. 101.50'

INVERT ELEV. (INTO) SEPTIC 99.50'

INVERT ELEV. (OUT) SEPTIC 99.25'

DISTRIBUTION BOX INLET ELEV. 99.1'
97.5'

INVERT ELEV (OUT OF) HOUSE 100.1'

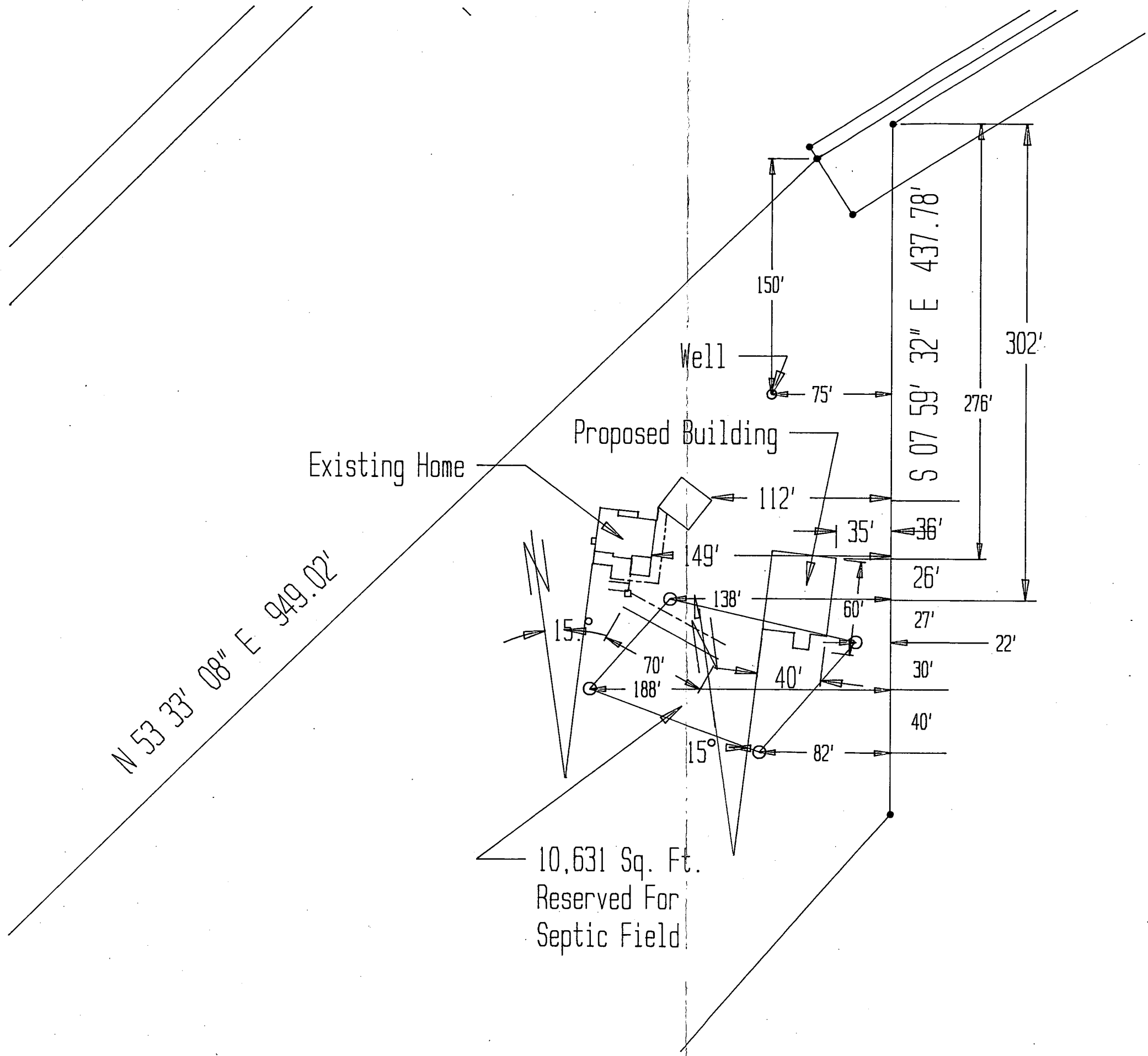
ELEV PER TEST 101.5'

EXIST. ELEV. AT SEPTIC TANK 101.5'



*10/20/83
elevations ok w/ change
in inlet into field from 2.5' to 4'
S. Abel
125'
4'-8"
180' / BR*

BLDG. PERMIT SIGNED
AND RETURNED 10/20/83
S. Abel
BP # 8451



$N 53^{\circ} 33' 08'' E 949.02'$

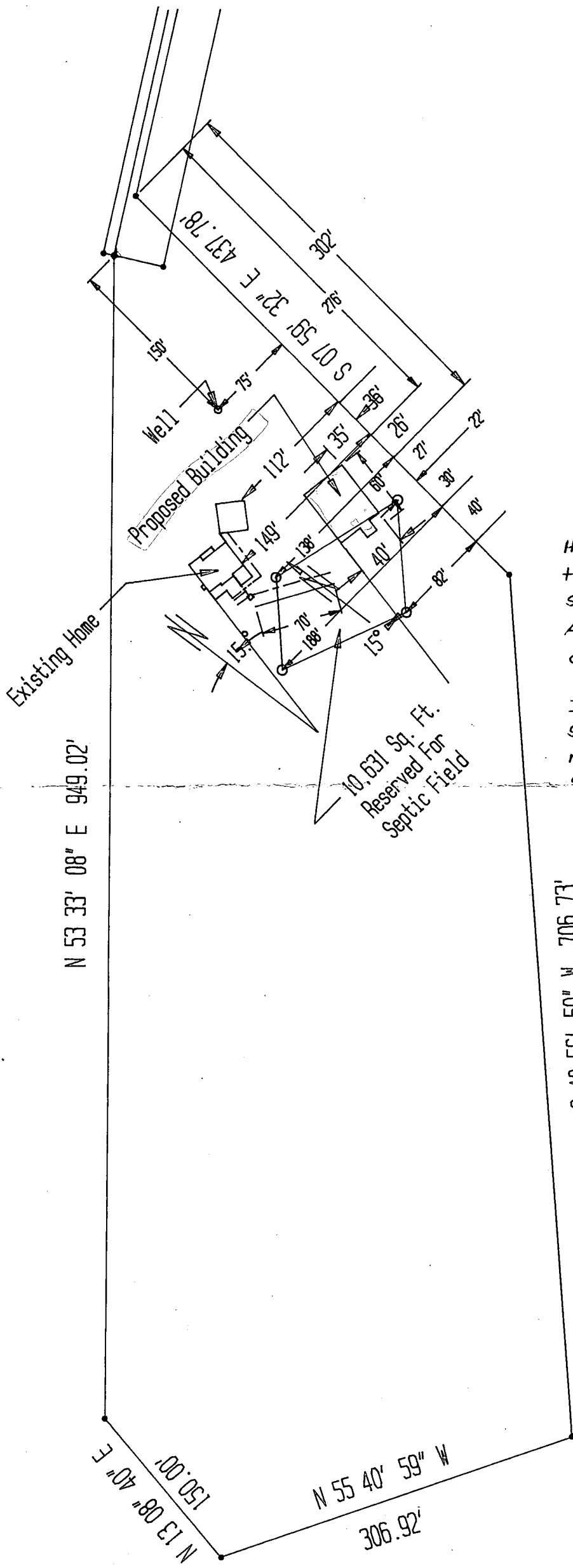
10,631 Sq. Ft.
Reserved For
Septic Field

Existing Home

Proposed Building

Well

$S 07^{\circ} 59' 32'' E 437.78'$



Health Dept. will accept this infringement on sewage disposal easement. Adequate make-up area available.

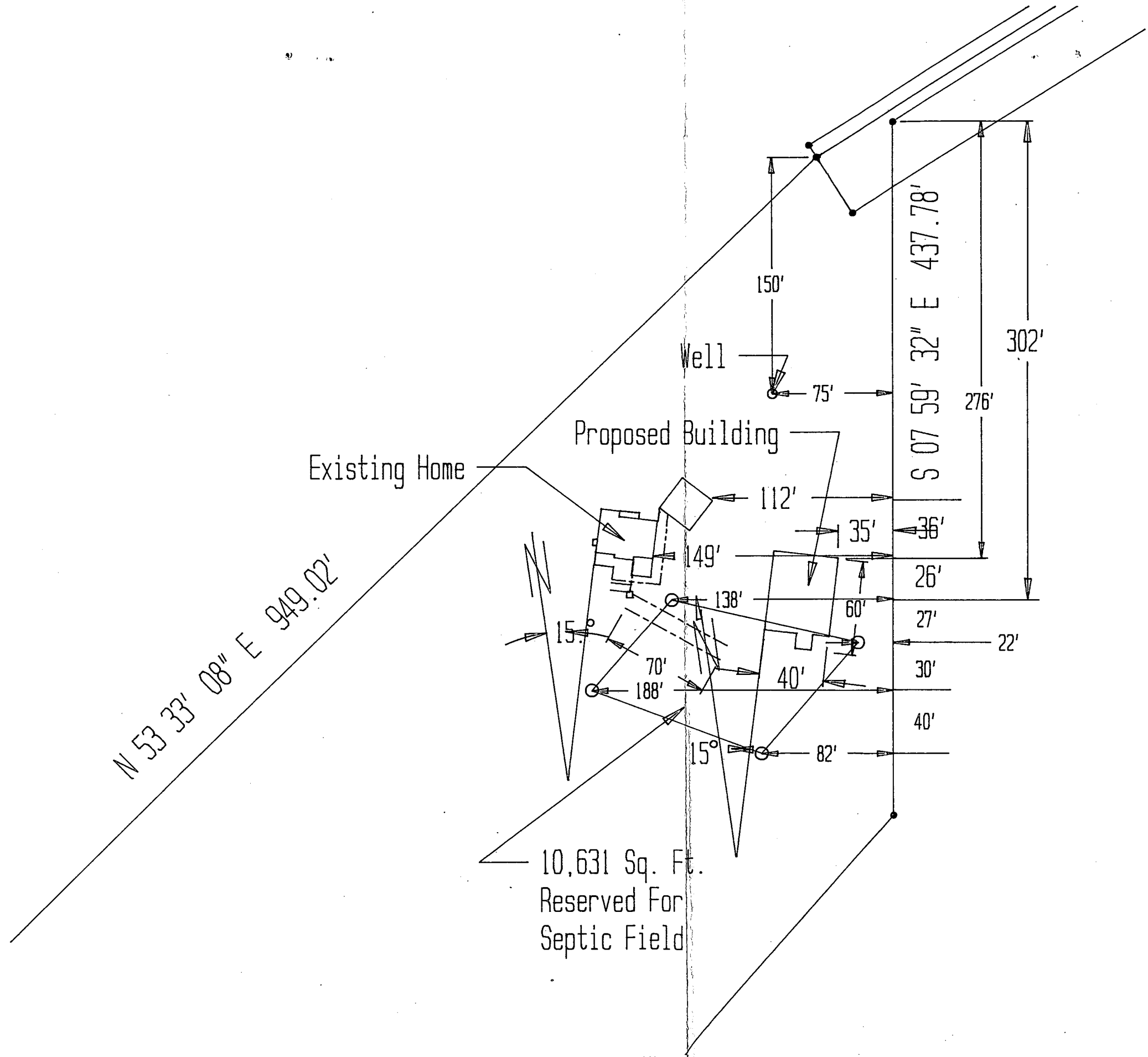
If workshop has plumbing, septic repair permit required to authorize connection to existing septic system.

This is for sanitary waste only. Any other process water associated with workshop activities would be treated as hazardous waste and subject to separate disposal requirements.

8/8/94 JKS

40' x 60' Building - 7169 Deer Valley Rd	
Kenneth Luhn -- 301-854-2948	
Size B	REV
FSCH NO.	DWG NO.
Plot Plan	
SCALE 1" = 100' 0"	SHEET

CAD NOTES:
 Plot Scale - .00083
 Plot Size
 Plot at 45 Deg.
 "X" Offset = -.5
 "Y" Offset = -.25



PRELIMINARY

APPLICATION

A 19104

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 468-8000, EXT. 386

DISTRICT 5th

DATE 10/25/73

Septic Tank - 3 bedrooms - 1000 gal
4 " - 1200 gal

Dry Well: 125 sq ft absorbent silt wall over per bedrooms to begin below the first 4 1/2' of org grade. Max depth permitted for silt is 10' 8" below org grade.
TRENCH 3' x 3' x 300' from front line (as measured along left prop line) and 138' from left side line as shown when facing from the front.
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 Richard M. Hallowell

ADDRESS 7131 Mink Hollow Road, Highland, Md. PHONE 286-2988

PROPERTY LOCATION:
SUBDIVISION tax map 40, parcel 1381 LOT NO. Parcel 6

ROAD AND DESCRIPTION At the end of and south of Deer Valley Road take left most dirt drive at end of Deer Valley Rd. just before sharp left turn in Deer Valley Rd.

SIZE OF LOT 7.629 acres TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Richard Hallowell

BLDG. PERMIT SIGNED AND RETURNED 10/20/73
S. H. H.

APPROVED BY [Signature] FOR Dry Well DATE 11-20-73
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Certified test holes & also high & low holes certified.

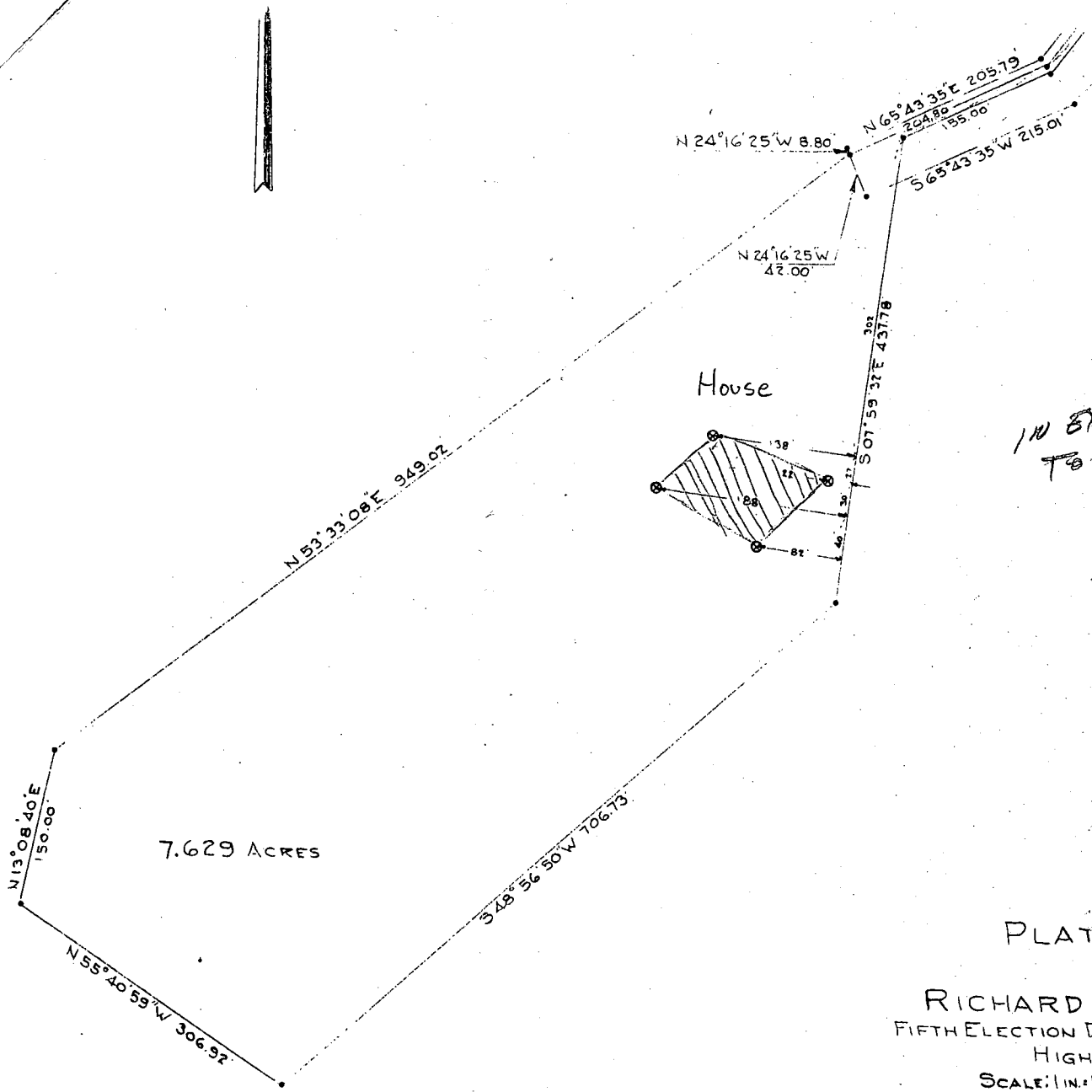
THIS IS NOT A PERMIT

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/6/75	1	12	11	11	11	11	5 min
	1A	5	11	14	14	17	2 min
	2	12	18	19	19	21	5 min
	2A	5	19	21	21	26	5 min
	3	5					
	4						

REMARKS _____

TYPE OF SOIL light clay



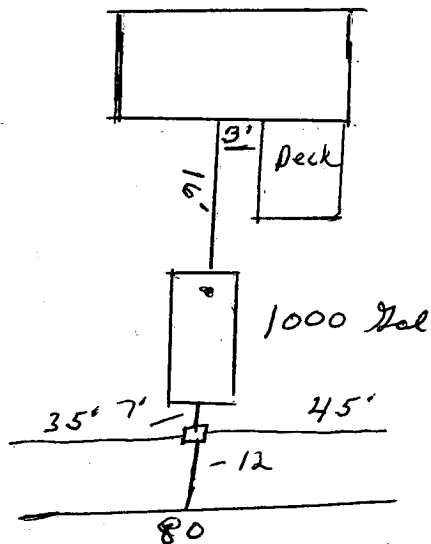
7.629 ACRES

PLAT OF SURVEY
 FOR
 RICHARD M. HALLOWELL
 FIFTH ELECTION DISTRICT OF HOWARD COUNTY
 HIGHLAND, MARYLAND
 SCALE: 1 IN. = 100 FT. OCTOBER 16, 1973.

Note: The lot shown hereon complies with the minimum ownership and lot area as required by the Maryland State Health Department.



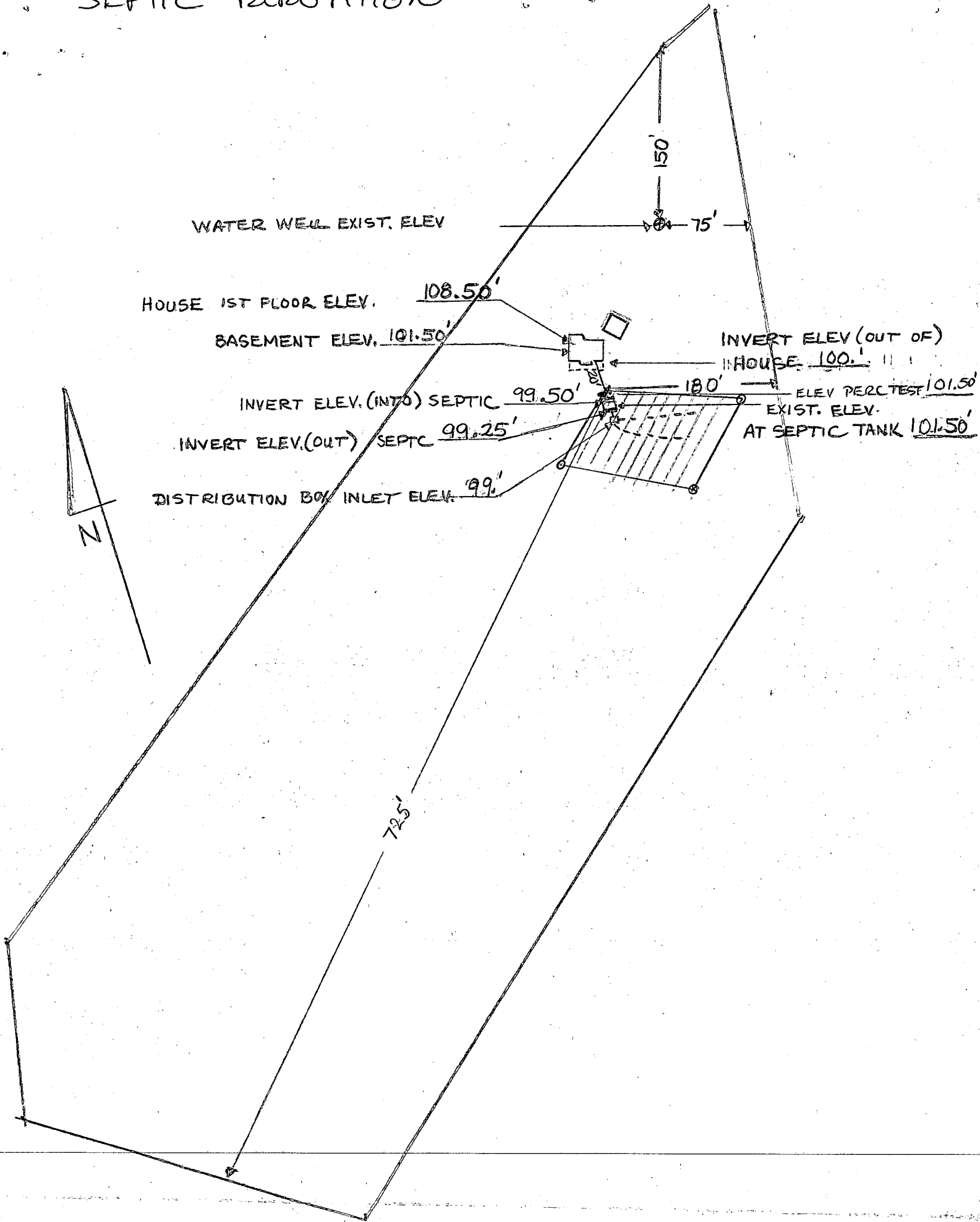
New System

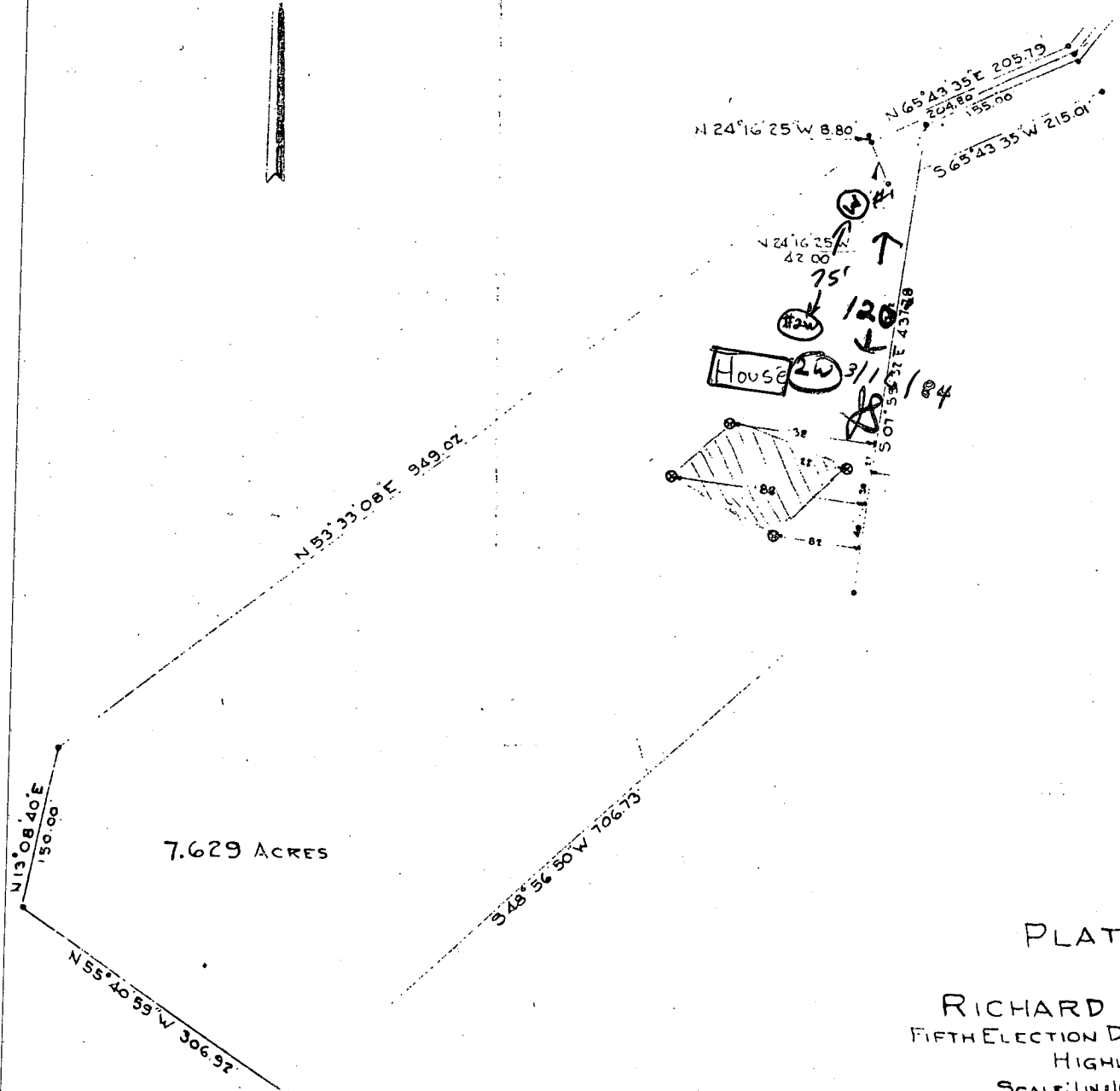


Ken and Linda Luhn
2 Bedroom - no disposal

7169 Deer Valley Rd,
Lot #6
Hollowell Addition

SEPTIC ELEVATION





12/12/83
Well site ok.
F.S.

2/17/84
1st site by hole per Mr. Luhn
2nd site 75' closer to house
from 1st well site is ok.

Tax Map 40
Parcel 381

PLAT OF SURVEY
FOR
RICHARD M. HALLOWELL
FIFTH ELECTION DISTRICT OF HOWARD COUNTY
HIGHLAND, MARYLAND
SCALE: 1"=100 FT. OCTOBER 16, 1973.



Note: The lot shown herein complies with the minimum ownership and lot area requirements.

B 1 1391

SEALANCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-0373

fill in this form completely

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

please print or type

3/19/84
11/30/84

Date Received

3/14/83

OWNER INFORMATION

John Linda

PO Box 96

Savage Md 20763

B 3

LOCATION OF WELL

Howard

Farmap 40 parcel 381

SECTION LOT

Highland

MILES FROM TOWN (enter 0 if in town) MI

DRILLER INFORMATION

George F. Easterday

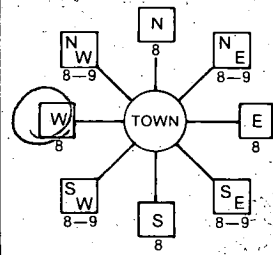
U.F. Easterday, Inc.

2465 Brown Church Rd. Mt. Airy, MD 21771

George F. Easterday 11/7/83

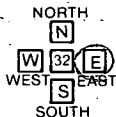
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Deer Valley Road

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

ENTER FT or MI

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A19104 COUNTY NO.

OEP SIGNATURE DATE ISSUED

FRANK SHINN 6/12/84

NORTH GRID EAST GRID

APPROXIMATE DEPTH OF WELL FEET

APPROXIMATE DIAMETER OF WELL INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered)
JETTED
Jetted & DRIVEN
AIR-ROTARY
AIR-PERCussion
ROTARY (Hydraulic Rotary)
CABLE
REVERSE-ROTARY
DRIVE-POINT
other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER

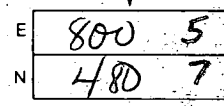
FORCE INITIALS PERMIT No. HO-81-0373

SPECIAL CONDITIONS

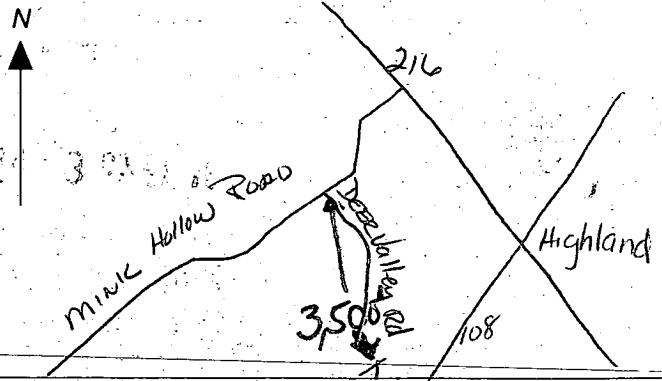
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION.



3/19/84 tag not yet on well
60' casing w/ c
47' open hole
14 bags of cement used
O.K. J.S.

3/16/87 8:00

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0373
Location of property (road) Deer Valley Rd.
Subdivision taxmap 40 parcel 381 Lot Block Plat Sec.
Well Driller George F. Easterday Owner Linda Luhn

Depth of well 2100 16PM
Distance of measuring point (M.P.) above ground 20"
Static water level (S.W.L.) below M.P. 23'6"

I. High rate pumping -- reservoir drawdown

Time pump started 8:10 Pumping rate 12.6 P.M
Total time 0:30 to reach pumping water level 139'6" Ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill ϕ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	139'6"	60 sec		1.6 P.M
8:45	139'6"	60 sec		1.6 P.M
9:00	139'5"	60 sec		1.6 P.M
9:15	140'	60 sec		1.6 P.M
9:30	140'4"	60 sec		1.6 P.M
9:45	141'	60 sec		1.6 P.M
10:00	141'	60 sec		1.6 P.M
10:15	141'	60 sec		1.6 P.M
10:30	141'2"	60 sec		1.6 P.M
10:45	141'	60 sec		1.6 P.M
11:00	141'3"	60 sec		1.6 P.M
11:15	141'4"	60 sec		1.6 P.M
11:30	141'6"	60 sec		1.6 P.M
11:45	141'6"	60 sec		1.6 P.M
12:00	141'6"	60 sec		1.6 P.M
12:15	141'8"	60 sec		1.6 P.M
12:30	141'8"	60 sec		1.6 P.M
12:45	141'10"	60 sec		1.6 P.M
1:00	141'10"	60 sec		1.6 P.M
1:15	141'10"	60 sec		1.6 P.M
1:30	141'7"	60 sec		1.6 P.M
1:45	141'8"	60 sec		1.6 P.M
2:00	141'6"	60 sec		1.6 P.M
2:15	141'8"	60 sec		1.6 P.M
2:30	141'8"	60 sec	B nice	1.6 P.M

5-25-87
MAY 1987

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation
Replacement

Receipt # 38897
Date 3/10/87

Name of Installer MARTIE M. COMBS P & H

Telephone _____

License number 3204
Certified Well Pump Installer _____

Well Driller _____ Registered Plumber

Name of Property Owner Ken & Linda Luhn

Telephone 776-9424

Subdivision _____ Lot # _____

Well tag # HO-81-0373

Site Address 7169 Deer Valley Road

Pump

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

Motor

- Horsepower 3/4
- 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 _____
- Size _____
- NSF and/or BOCA Code approved _____
- Depth of supply line _____

Well data

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

5/26/87

PITLESS & SUPPLY LINE 3' FT BELOW GROUND CW

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: Martie M. Combs

Date: 3-06-87

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