

C 1 4193  
SEQUENCE NO. (IDE USE ONLY)

STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER  
WELL IS COMPLETED.

COUNTY NUMBER A 58562

ST/CO USE ONLY  
DATE Received  
MM DD YY  
8 13

DATE WELL COMPLETED  
MM DD YY  
10 13 98  
22  
Depth of Well  
100 ft  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
HD-94-1697  
28 29 30 31 32 33 34 35 36 37

OWNER Land Design & Development  
last name first name  
STREET OR RFD Jennings Chapel Rd TOWN Lisbon  
SUBDIVISION Long Valley Farm SECTION \_\_\_\_\_ LOT 1

WELL LOG  
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR  
COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Top Soil	0	3	
Mica & sand stone	4	44	
Blue Rock	45	100	
Get water at			60
			90

GROUTING RECORD yes no

WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
TYPE OF GROUTING MATERIAL (Circle one)  
CEMENT  CM BENTONITE CLAY  BC  
NO. OF BAGS 13 NO. OF POUNDS 1722  
GALLONS OF WATER 78  
DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 48 ft.  
(enter 0 if from surface)

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

MAIN CASING TYPE  
Nominal diameter top (main) casing (nearest inch!) 6 1/2"  
Total depth of main casing (nearest foot) 50

OTHER CASING (if used)  
EACH CASING diameter inch depth (feet) from to

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

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED  Y  N

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MSD 143  
DRILLERS SIGNATURE  
LIC. NO. D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C 2

DEPTH (nearest ft.)	1	2	3	4	5
A	8	9	11	15	17
C	23	24	26	30	32
S	38	39	41	45	47
R	49	51	53	55	57
E	59	61	63	65	67
N	69	71	73	75	77

SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_

DIAMETER OF SCREEN (NEAREST INCH)  
from 56 to 60

GRAVEL PACK 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 \_\_\_\_\_  
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min.) 17.4  
METHOD USED TO MEASURE PUMPING RATE Submersible  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 30 ft.  
WHEN PUMPING 48 ft.  
TYPE OF PUMP USED (for test)  
 A air  P piston  T turbine  
 C centrifugal  R rotary  O other (describe below)  
 J jet  S submersible

PUMP INSTALLED  
DRILLER INSTALLED PUMP YES  NO   
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29  
CAPACITY: GALLONS PER MINUTE (to nearest gallon) \_\_\_\_\_  
PUMP HORSE POWER \_\_\_\_\_  
PUMP COLUMN LENGTH (nearest ft.) \_\_\_\_\_  
CASING HEIGHT (circle appropriate box and enter casing height)  
 + above } LAND SURFACE  
 - below } (nearest foot)

LOCATION OF WELL ON LOT  
SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)  
100 ft to well  
Slightly  
Jennings Chapel Rd  
Lot 1

B 1 6457

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1697 fill in this form completely

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

Date Received (APA) 081998

OWNER INFORMATION

Land Design & Development 10805 Hickory Ridge Rd Columbia MD 21044

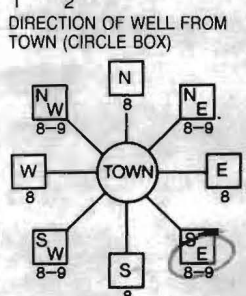
LOCATION OF WELL

Howard CO 23 SUBDIVISION SECTION 44-46 LOT 48-50 LISBON 52 NEAREST TOWN 4 MILES FROM TOWN

DRILLER INFORMATION

Derry Harley M 5 D 143 Harley Drilling Ball 160 Walkersville, MD 21793 8-19-98

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



5 Schuy's Chapel Rd NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH 34 300 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

WELL INFORMATION

APPROX. PUMPING RATE 3 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 600 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) F FARMING I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER P PUBLIC OR PRIVATE WATER COMPANY T TEST, OBSERVATION, MONITORING

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO A 58562 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 8-24-98 CO SIGNATURE 8-24-99 EXP. DATE NORTH GRID 518 000 EAST GRID 783 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST 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)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEAN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

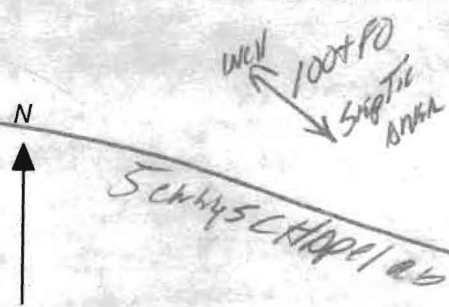
- 1. well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 783 N 518



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



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER 54 G A P 63 FORCE AA IN BOX PERMIT No. HO-94-1697

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 94 1697  
 Location of property (road) Jennings Chapel Rd  
 Subdivision Long Valley Farm Lot 1 Block          Plat          Sec.           
 Well Driller Perry Hartley Owner Land Design & Dev  
 Depth of well 100 FT  
 Distance of measuring point (M.P.) above ground 2 FT  
 Static water level (S.W.L.) below M.P. 30 FEET

I. High rate pumping -- reservoir drawdown  
 Time pump started 10:00 AM Pumping rate 17 gpm  
 Total time 10 MIN to reach pumping water level 45 ft. below M.P.

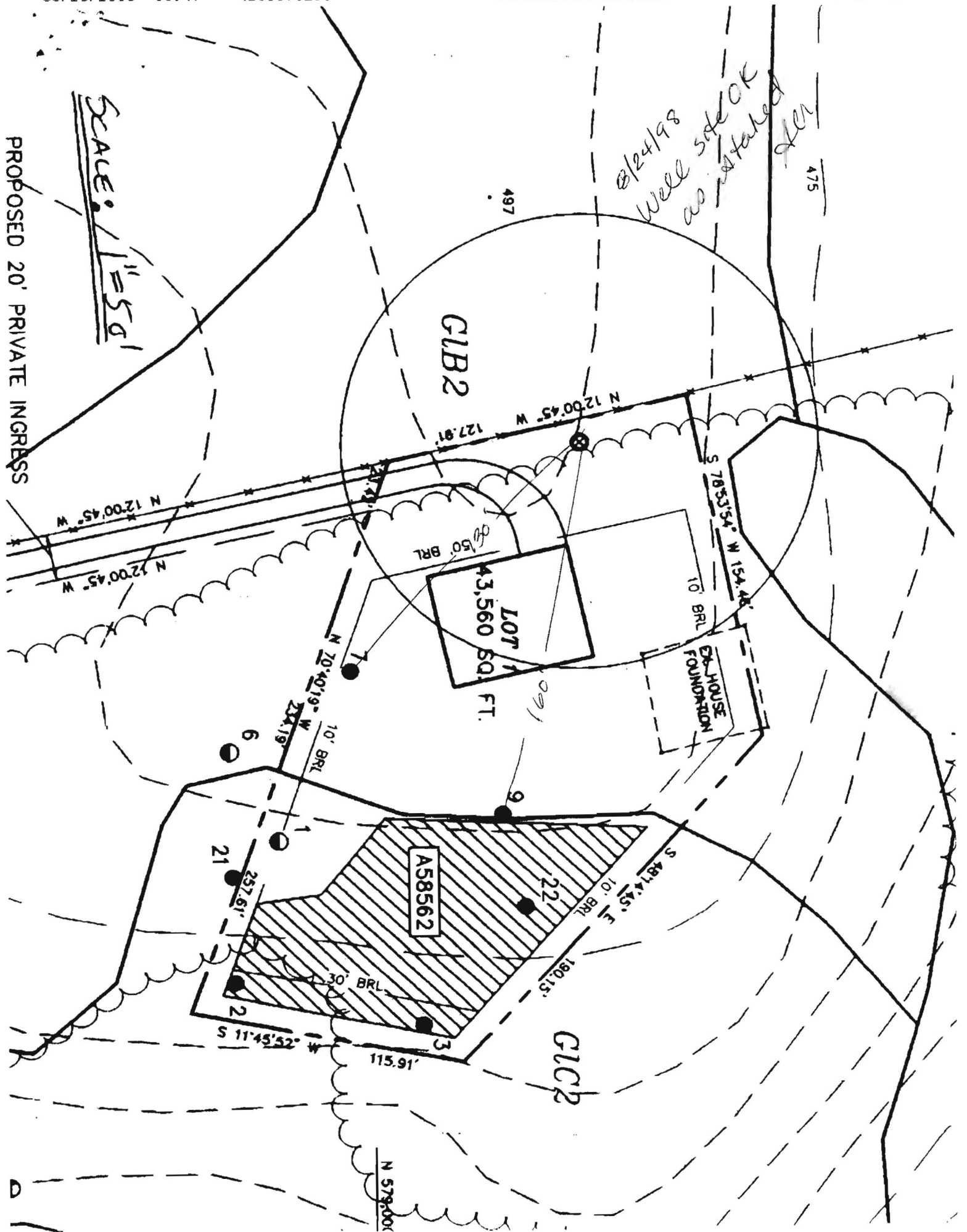
II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill (5) gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
10:00	30 FT	17 GAL	(Large handwritten mark resembling a bracket or 'C' shape spanning the entire height of the table)	17 + 98 M
10:10	45 FT	17 GAL		17 + 98 M
10:25	45 FT	17 GAL		17 + 98 M
10:40	45 FT	17 GAL		17 + 98 M
10:55	45 FT	17 GAL		17 + 98 M
11:10	45 FT	17 GAL		17 + 98 M
11:25	45 FT	17 GAL		17 + 98 M
11:40	45 FT	17 GAL		17 + 98 M
11:55	45 FT	17 GAL		17 + 98 M
12:10	45 FT	17 GAL		17 + 98 M
12:25	45 FT	17 GAL		17 + 98 M
12:40	45 FT	17 GAL		17 + 98 M
12:55	45 FT	17 GAL		17 + 98 M
1:10	45 FT	17 GAL		17 + 98 M

PROPOSED 20' PRIVATE INGRESS

SCALE: 1" = 50'

8/24/98  
Well sock  
as stated  
ACR



410-313-2648

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-0033

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement \_\_\_\_\_

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer CLARKE P + H INC

Telephone 410-489-4029

License Number 3808

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber 3808

Name of Property Owner John Specht

Telephone \_\_\_\_\_

Subdivision Specht Lot # 1

Well Tag # HQ-99-1697

Site Address 4401 JENNINGS Chapel Rd

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible
- 2. Make Spacna

Motor

- 1. Horsepower \_\_\_\_\_
- 2. RPM \_\_\_\_\_
- 3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220

Pitless Adapter

- 1. Make \_\_\_\_\_
- 2. Model # PT-800
- 3. Depth 42"

3. Model # \_\_\_\_\_

4. Capacity 5 GPM

5. Pump exceeds well capacity Yes \_\_\_\_\_ No \_\_\_\_\_

6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards  Other \_\_\_\_\_

Tank

- 1. Capacity 47
- 2. Pressure relief valve? 75/6

Piping

- 1. Type Plastic
- 2. Size 1"
- 3. NSF and/or BOCA Code approved \_\_\_\_\_
- 4. Depth of supply line 42"

Well data

- 1. Depth \_\_\_\_\_ ft.
- 2. Yield \_\_\_\_\_ GPM
- 3. Static water level \_\_\_\_\_ ft.
- 4. Will water supply be disinfected by installer? NO

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.

8/11/00 - WPI OK  
ALM SRK

Signature of Applicant: Bennett C. Clarke

Date: Aug - 8 - 00

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

HD-215

*Signature*  
Signature  
Date 12/18/99

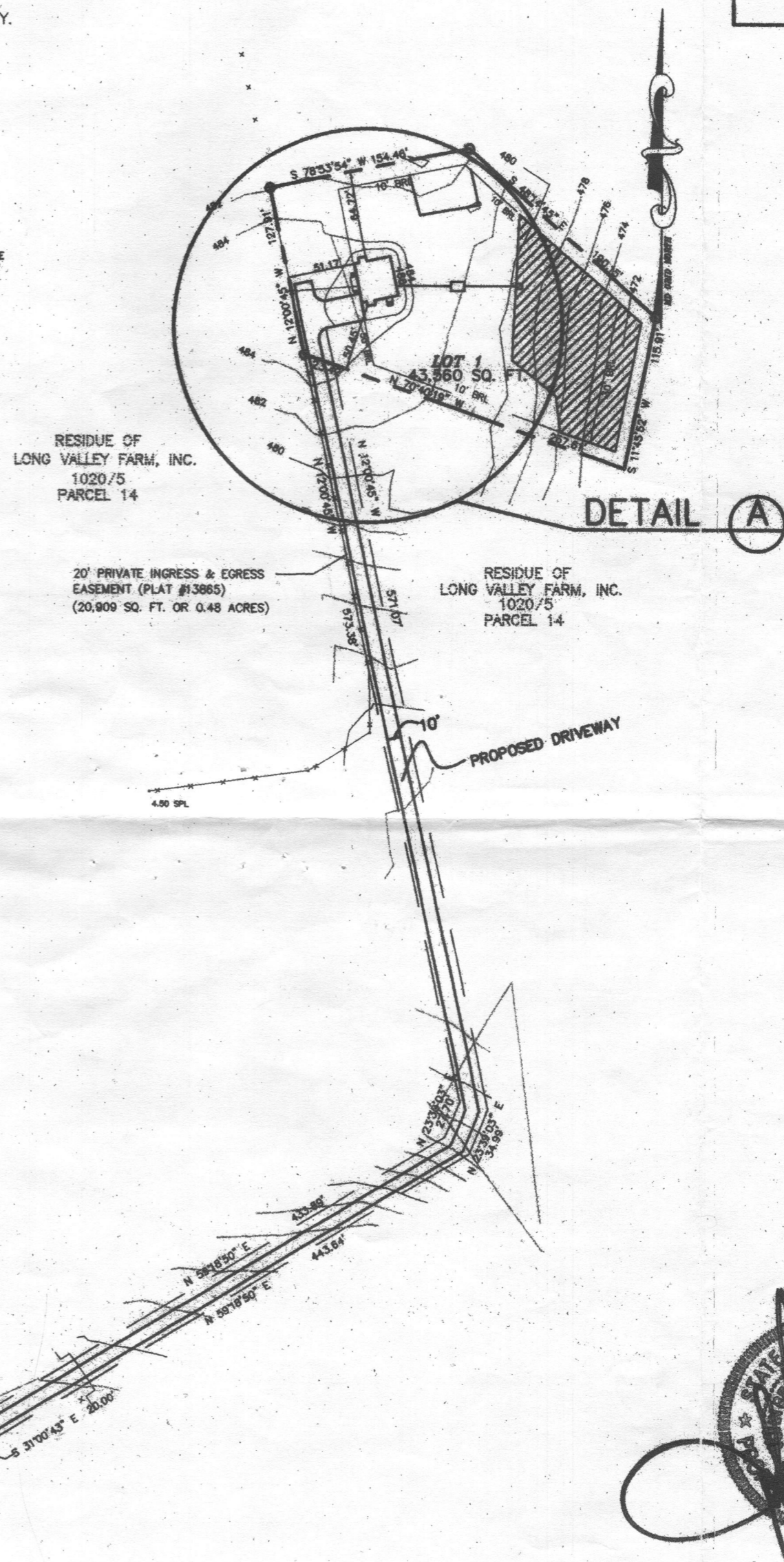
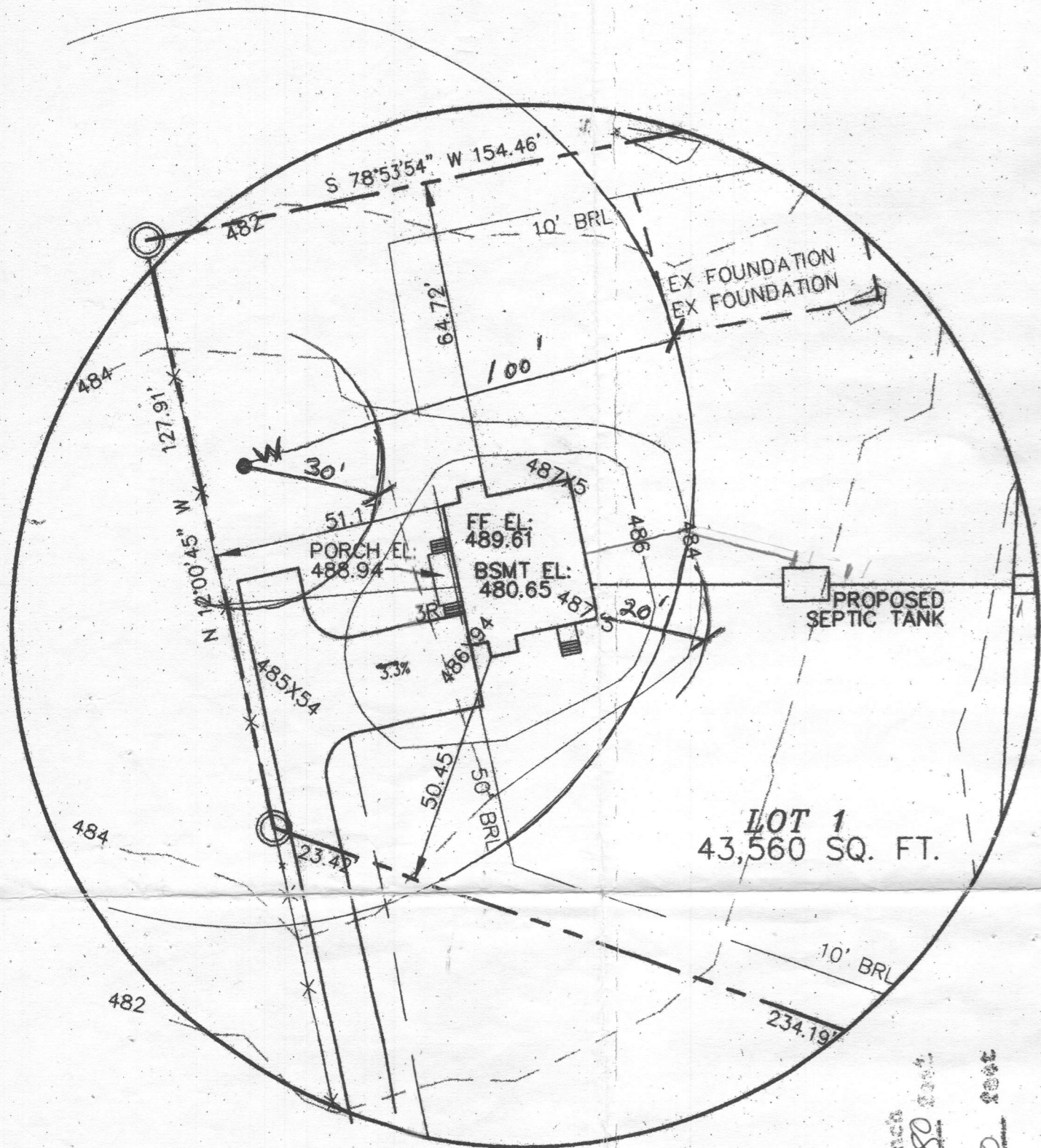
**DETAIL A**  
SCALE : 1" = 30'

FIRST FLOOR ELEV.	489.61
INVERT FLOOR ELEV.	488.94
INVT. BASE OF FOUNDATION	477.23
INVT. BASE OF SEPTIC TANK	482.00
BASE ELEV. OF SEPTIC TANK	482.00
BASE ELEV. OF DISTRIBUTION	482.00
INVT. ELEV. OF DIST. BOX	476.65
INVT. IN DIST. BOX	= 476.65

Total linear feet of trench required 180 feet  
Width of trench(es) 30 feet  
Depth of trench(es) 5.0 feet  
Depth of stack required below distribution pipe 2.0 feet

**GENERAL NOTES**

1. TAX MAP: 21 PARCEL: 14 LOT: 1  
LIBER/FOLIO: 1020/5  
339/422  
CURRENT ZONING: RC-DEO
2. TOTAL ACREAGE: 1.0 ACRES  
TOTAL LIMIT OF DISTURBANCE: .76± ACRES
3. FOR RESIDENTIAL SUBDIVISIONS OF 4 LOTS OR LESS, STANDARD SEDIMENT CONTROL PLANS APPLY.
4. THIS IS NOT A BOUNDARY SURVEY



**OWNER INFORMATION**

LONG VALLEY FARM, INC.  
P.O. BOX 967  
MARTINSBURG, WV 25402