

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 59230A

A 49915-C

DISTRICT 3rd

DATE 11/24/97

DATE SYSTEM APPROVED 12/19/97

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

03-319881

*12/1/97
C.O.
12:00
12/5/97
AM*

*12/18/97
HOUSE
CONNECTION*

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road Westminster, Maryland 21157 PHONE (410) 875-4197

SUBDIVISION Sobus Farms LOT 21 ROAD 2934 Summer Hill Drive

PROPERTY OWNER Altieri Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 160 feet up the right (320.64') lot line and 10 feet off that same lot line as seen when facing the lot from Summer Hill Drive. Run trenches on contour toward the left 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.

OK KM 10/17/97

PLANS APPROVED BY Amy McMillen/Donna K. Soe

DATE 10/10/97

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

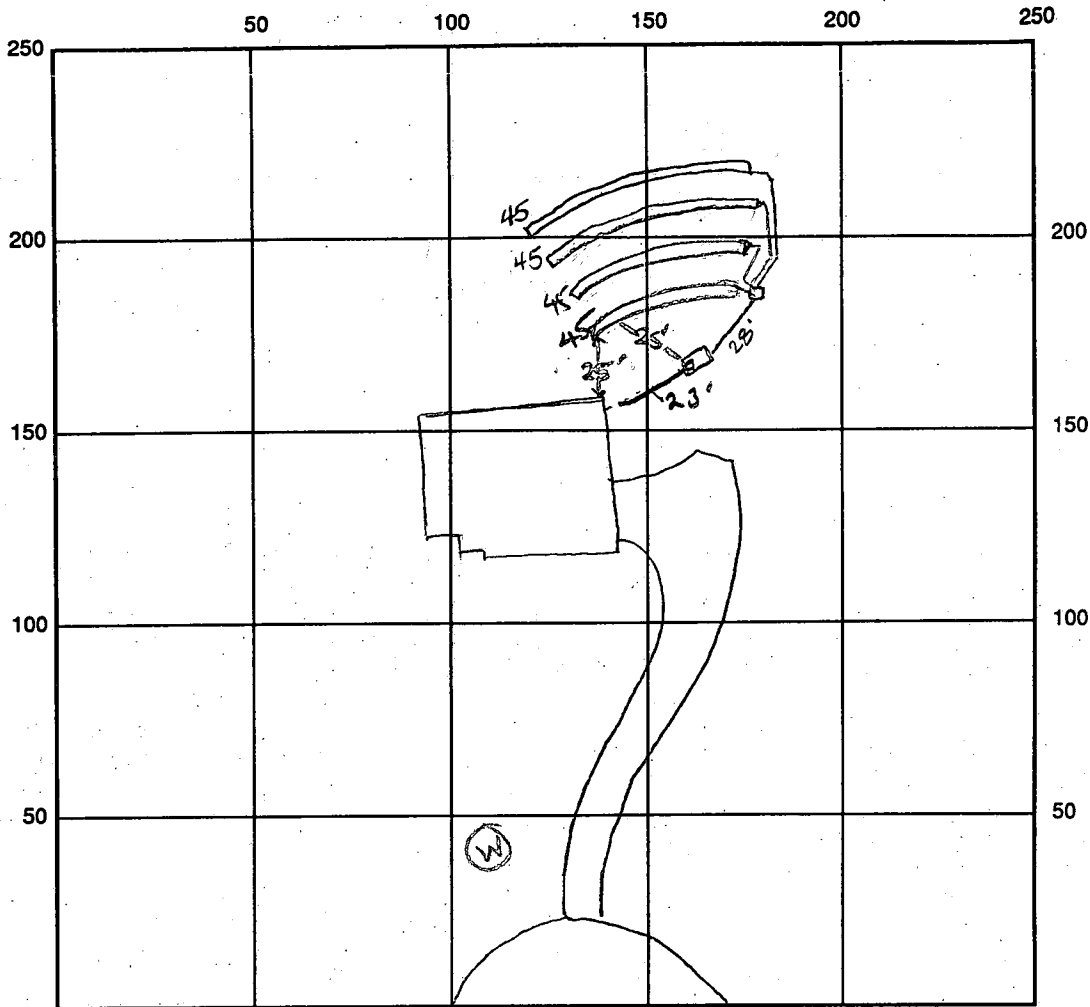
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

*300134241
FINISH PARTIAL BASEMENT*

A 49915C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7.0 FT. TRENCH WIDTH 2.0 FT. INLET DEPTH 3.0 FT.

EFFECTIVE GRAVEL DEPTH 4.0 FT. TOTAL LENGTH 41.45 FT. → 180

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 11/24/97 OK to cover entire system - 4 day weekend - contractor to provide diagram of installation of last two trenches - no house connection ALM

12/1/97 OK to cover septic work - needs house connection.

12/5/97 no house connection yet. 12/18/97 now - no house conn. DCS

12/19/97 house connection ok

DATE SYSTEM APPROVED 12/19/97 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 49915C

P _____

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

DISTRICT 3

DATE 3/9/94

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 Milltop Development Corporation Altiers Homes

ADDRESS P.O. Box 208 Clarksville Md. 21029 PHONE 410-531-5539

AGENT OR PROSPECTIVE BUYER Richard Demmitt

ADDRESS P.O. Box 208 Clarksville Md. 21029 PHONE 410-531-5539

PROPERTY LOCATION:

SUBDIVISION Sabus Farms LOT NO. 21 (Twenty One)

ROAD AND DESCRIPTION at the end of Winfield Rd.

2934 Summer Hill Drive

TAX MAP 15 PARCEL # 26 & 154

SIZE OF LOT 3 acres + TYPE BLDG. S.F.D - 4 Bed
(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.

Richard Demmitt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

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

COUNTY #

SOIL PROFILE

0' red/orange CL

3' orange SSil mica small mica frags <50% OK throughout

12'

A

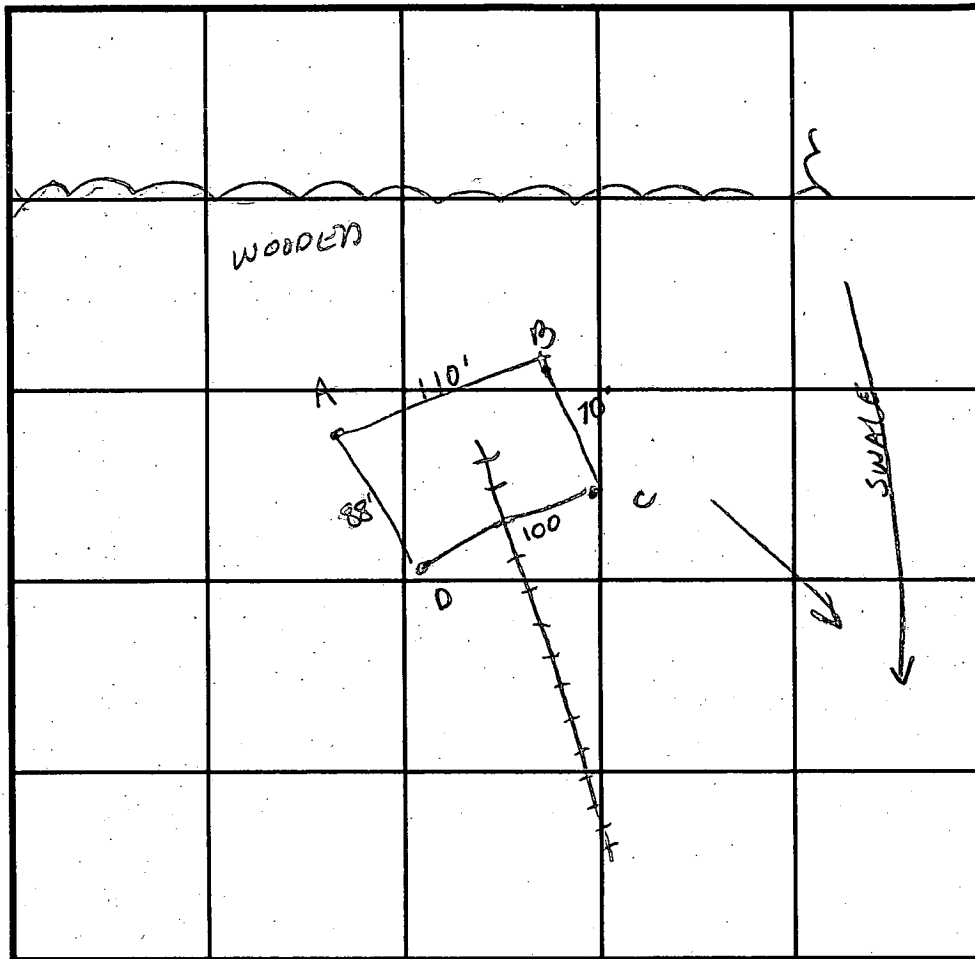
same as D but 100% mica frags OK

13'

b/c orange brn CL

3' reddish brn SSil mica 20% frags OK

11/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/30/94	D	3' V12	12:03 ³⁰	12:10 ⁴⁵	12:10 ⁴⁵	12:24	13 1/4 min
		5 1/2' V12	12:04 ⁴⁵	12:05 ³⁰	12:05 ³⁰	12:07 ³⁰	2 min
	A	3 1/2' V13	12:07	12:08	12:08	12:10 ¹⁵	2 1/4 min
		6' V13	12:09	12:09 ³⁰	12:09 ³⁰	12:12	2 1/2 min
	B	4' V11 1/2	12:15 ⁰	12:18	12:18	12:22	4 min
	C	3' V11	12:17 ³⁰	12:18 ⁴⁵	12:18 ⁴⁵	12:21 ³⁰	2 1/4 min

REMARKS

TYPE OF SOIL CgCz

TESTED BY A. McMullen / M. Rifkin ALSO PRESENT R. Demitt

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 min TRENCH WIDTH 2'

INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 7 SQ. FT./BEDROOM 180 ft²

B 1 1959 SEQUENCE NO. (MDE USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

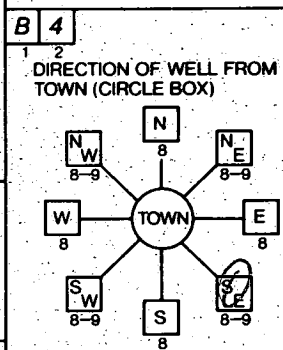
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
 H0-93-0097
 fill in this form completely

OWNER INFORMATION
 Date Received (APA) 110695
 Demmitt RICHARD
 PO BOX 228
 CLARKSVILLE MO 21029

B 3 LOCATION OF WELL
 HOWARD
 SOBUS FARMS
 WEST FRIENDSHIP
 1 1/2 MI

DRILLER INFORMATION
 Joseph P. Wayne
 Joseph P. Wayne Well Drilling
 5512 Ridge Rd. Mt. Airy, Md. 21771
 Joseph P. Wayne 11/5/95



NEAR WHAT ROAD
 Summer Hill Drive
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 WEST S EAST
 DISTANCE FROM ROAD 25 FT
 TAX MAP: 15 BLK. PARCEL 26

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) 5
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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)

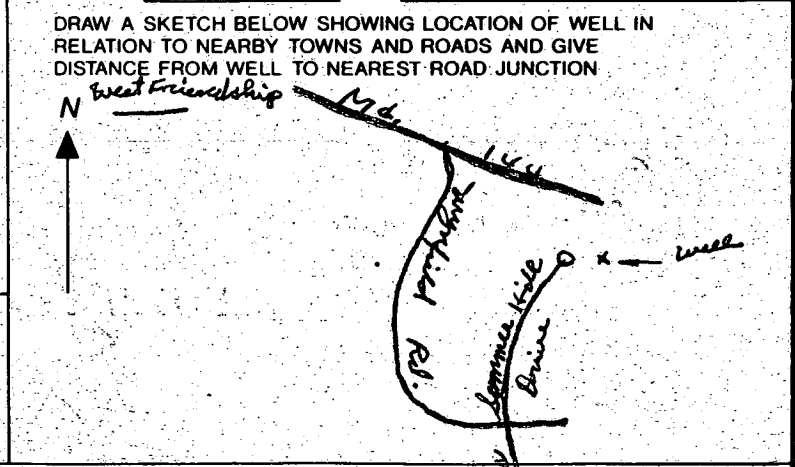
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 Howard A49915-C
 COUNTY NAME COUNTY NO.
 STATE DATE ISSUED 11/30/95
 CO SIGNATURE Chris Weller 11/29/96
 NORTH GRID 529000 EAST GRID 0817000

APPROXIMATE DEPTH OF WELL 300 FEET
 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary DRive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. WELL
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E 8107
 N 53229

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 - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 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 (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER GAP
 FORCE CW PERMIT No. H0-93-0097

C1 0128

SEQUENCE NO. (MDE 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 COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER A49915-C

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED: 12/3/95

Depth of Well: 460 (TO NEAREST FOOT)

PERMIT NO.: H0-93-0097

OWNER: Demmitt, Richard; STREET OR RFD: Summer Hill Drive; TOWN: West Friendship; SUBDIVISION: Sobus Farms; SECTION: ; LOT: 21

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: SAND (0-38), GRAYMICA ROCK (38-460).

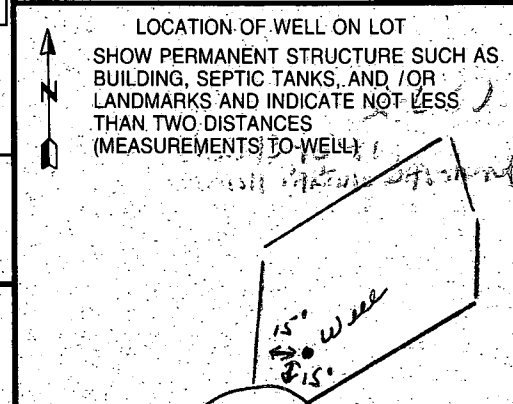
GROUTING RECORD, CASING RECORD, SCREEN RECORD. Includes checkboxes for grouting, casing types (ST, CO, PL, OT), and screen types (ST, BR, HO, PL, OT).

PUMPING TEST section. Includes fields for HOURS PUMPED (6), PUMPING RATE (1), METHOD USED (Bucket), WATER LEVEL (46 ft before, 412 ft when), and TYPE OF PUMP USED (S - submersible).

PUMP INSTALLED section. Includes checkboxes for pump installation, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O), CAPACITY (GALLONS PER MINUTE), PUMP HORSE POWER, and PUMP COLUMN LENGTH.

WELL HYDROFRACTURED (Y), CIRCLE APPROPRIATE LETTER (A, E, P), TYPE: MWD/MSD/MGD, DRILLERS LIC. NO. 24, DRILLERS SIGNATURE: Joseph L. Mayne.

DEPTH (nearest ft.) grid: H040460; SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN; GRAVEL PACK; MDE USE ONLY (T, W, Q).

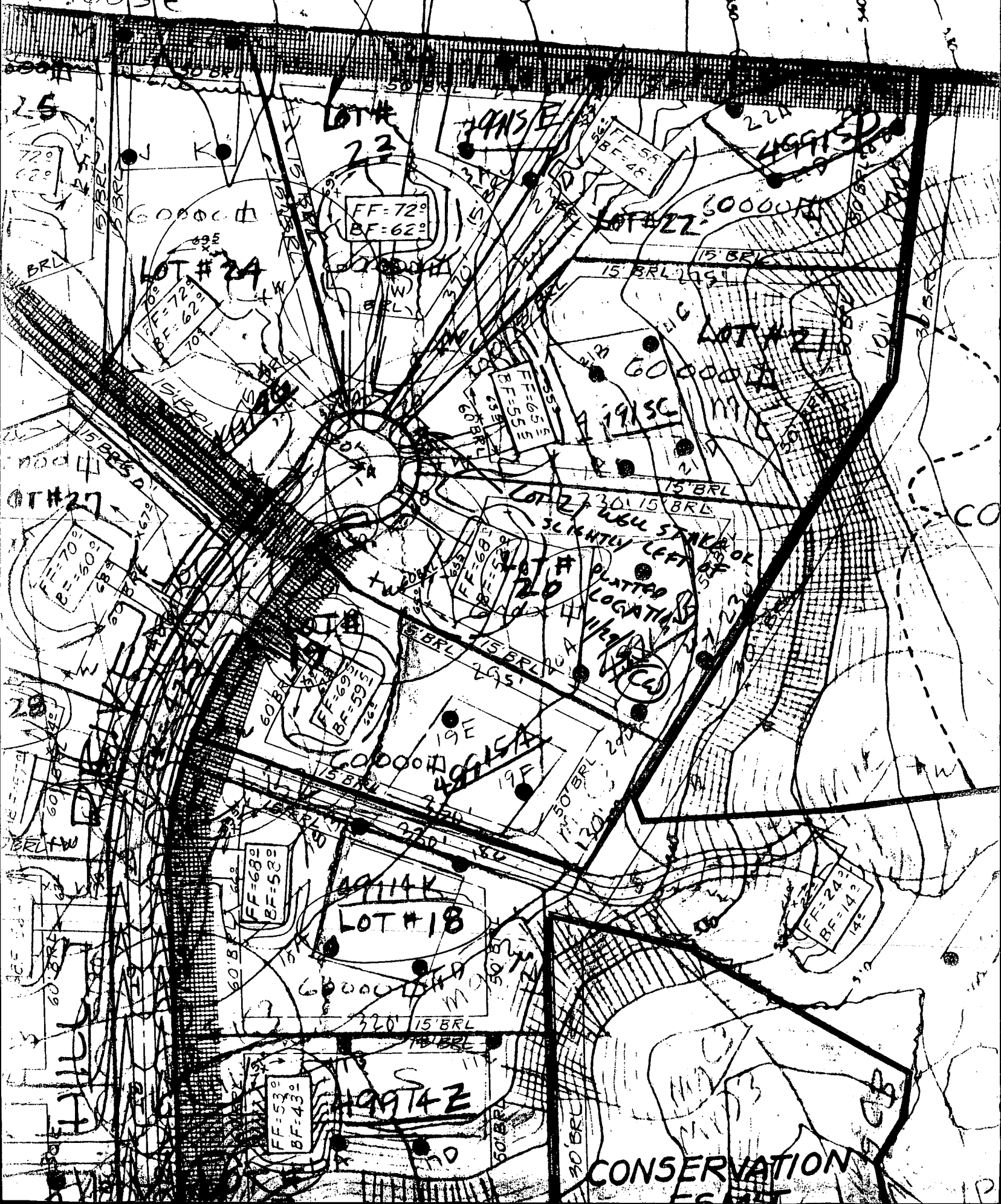


TREELINE
TO REMAIN

D. UNDY
L. 714 F. 741

L. 723 F. ()

17° 46' 05" E



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

Fax 313-2648 313-2640

APPLICATION FOR FITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
 Replacement

Receipt # _____
 Date 12/8/97

Name of Inc. ROBERT L. FORTER, Co., Inc. Telephone 781-4655

License Number 2122
 Certified Well Pump Installer Well Driller _____ Registered Plumber

Name of Property Owner ALTIERI Homes Telephone 785-1805
 Subdivision YARLEY HUNT Lot # 21 Well Tag # No-93-0097
 Site Address SUMMIT HILL DRIVE

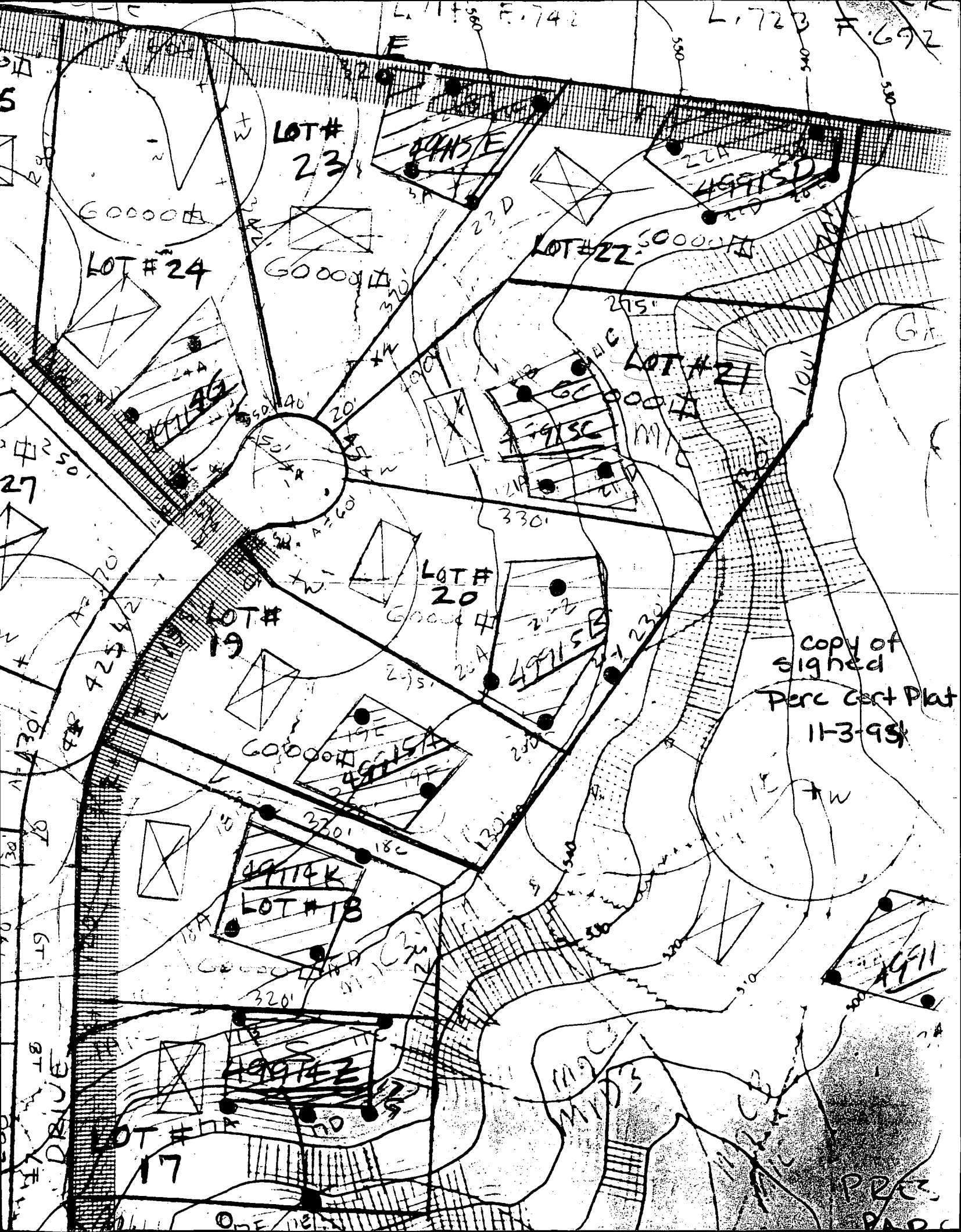
Pump	Motor	Fitless Adapter
1. Type a. Deep well jet _____ b. Shallow well jet _____ c. Submersible <input checked="" type="checkbox"/>	1. Horsepower <u>3/4</u> 2. RPM <u>3450</u> 3. Voltage _____ a. 110 _____ b. 220 <input checked="" type="checkbox"/>	1. Make <u>PT-800</u> 2. Model # <u>PT-800</u> 3. Depth <u>42'</u>
2. Make <u>STRUTE</u>		
3. Model # _____		
4. Capacity <u>5</u> GPM		
5. Pump exceeds well capacity Yes <input checked="" type="checkbox"/> No _____		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No <input checked="" type="checkbox"/>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards <input checked="" type="checkbox"/> Other _____		

Tank <u>WELL-TRIL</u> <u>CAPTIVE AIR</u>	Piping	Well data
1. Capacity <u>32 GALS.</u>	1. Type <u>Poly.</u>	1. Depth <u>42</u> ft.
2. Pressure relief valve? <u>YES</u>	2. Size <u>1"</u>	2. Yield <u>1</u> GPM
	3. NSF and/or BOCA Code approved <u>YES</u>	3. Static water level <u>9</u> ft.
	4. Depth of supply line <u>42'</u>	4. Will water supply be disinfected by installer? <u>YES</u>

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: [Signature]
 Date: 12/8/97

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



Copy of
signed
Perc Cert Plat
11-3-98

LOT#
23

LOT#
24

LOT#
22

LOT#
21

LOT#
20

LOT#
19

LOT#
18

LOT#
17

CONSE

49915D

49915C

49915B

49915A

49914K

49914Z

49911

PERC
PLAT

DRIVE

5

27

19

18

17

L. 723 F. 692

L. 742

580

545

530

60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

330'

275'

100'

20'

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295'

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L. 723 F. 692

L. 742

580

545

530

60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

330'

275'

100'

20'

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295'

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L. 723 F. 692

L. 742

580

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60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

330'

275'

100'

20'

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295'

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320'

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L. 723 F. 692

L. 742

580

545

530

60000 sq ft

60000 sq ft

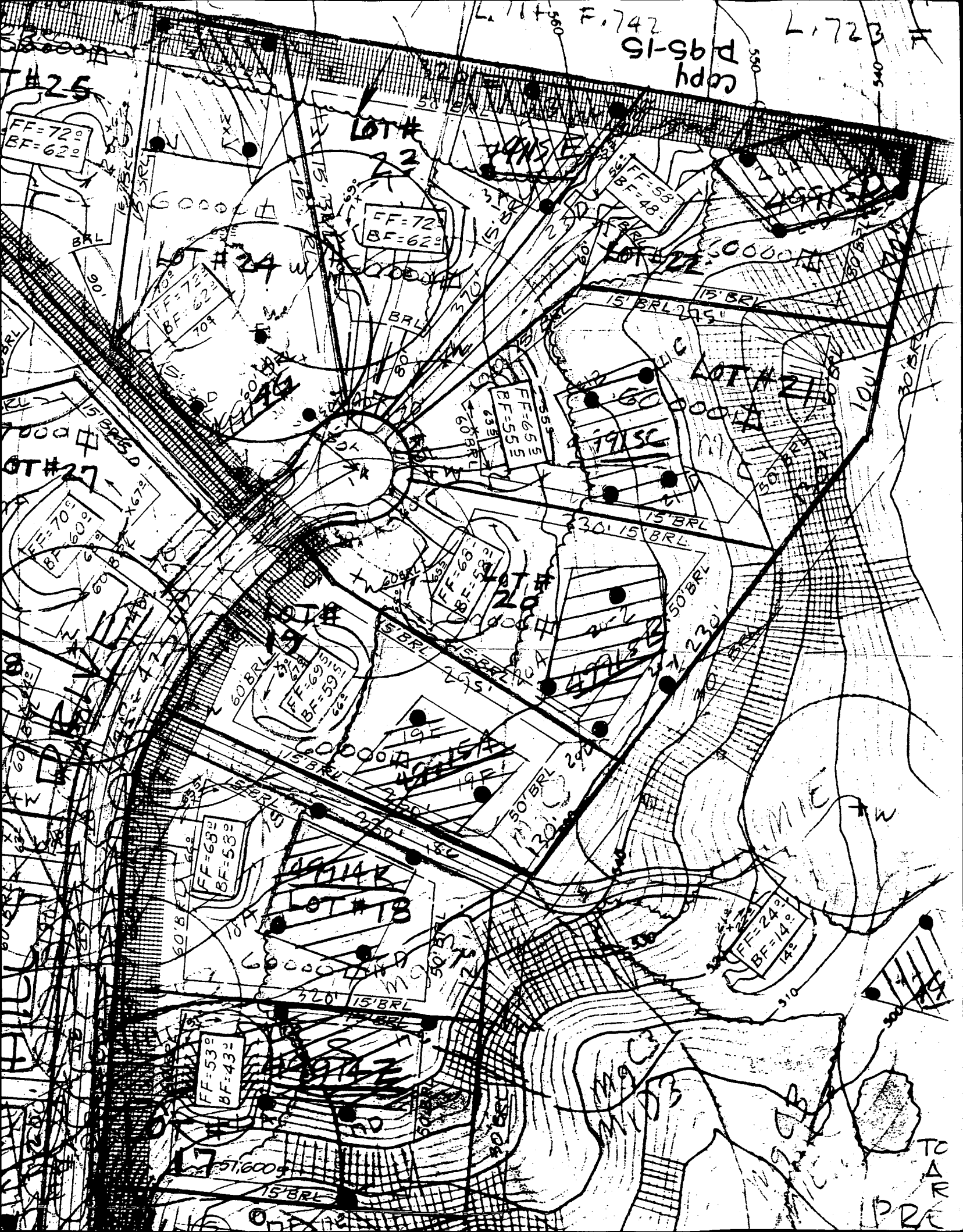
60000 sq ft

60000 sq ft

60000 sq ft

60000 sq ft

330'



copy of 51-96-15
L. 742
L. 723

LOT# 25

LOT# 23

LOT# 24

LOT# 22

LOT# 21

LOT# 27

LOT# 18

FF=72°
BF=62°

FF=72°
BF=62°

FF=72°
BF=62°

FF=58°
BF=48°

FF=65°
BF=55°

FF=68°
BF=58°

FF=69°
BF=59°

FF=65°
BF=53°

FF=24°
BF=14°

FF=53°
BF=43°

6000

2000

6000

7000

6000

6000

6000

6000

51,600

BRL

BRL

15' BRL

15' BRL

30' 15' BRL

60' BRL

15' BRL

15' BRL

60' BRL

15' BRL

50' BRL

60' BRL

15' BRL

120' BRL

60' BRL

15' BRL

15' BRL

60' BRL

15' BRL

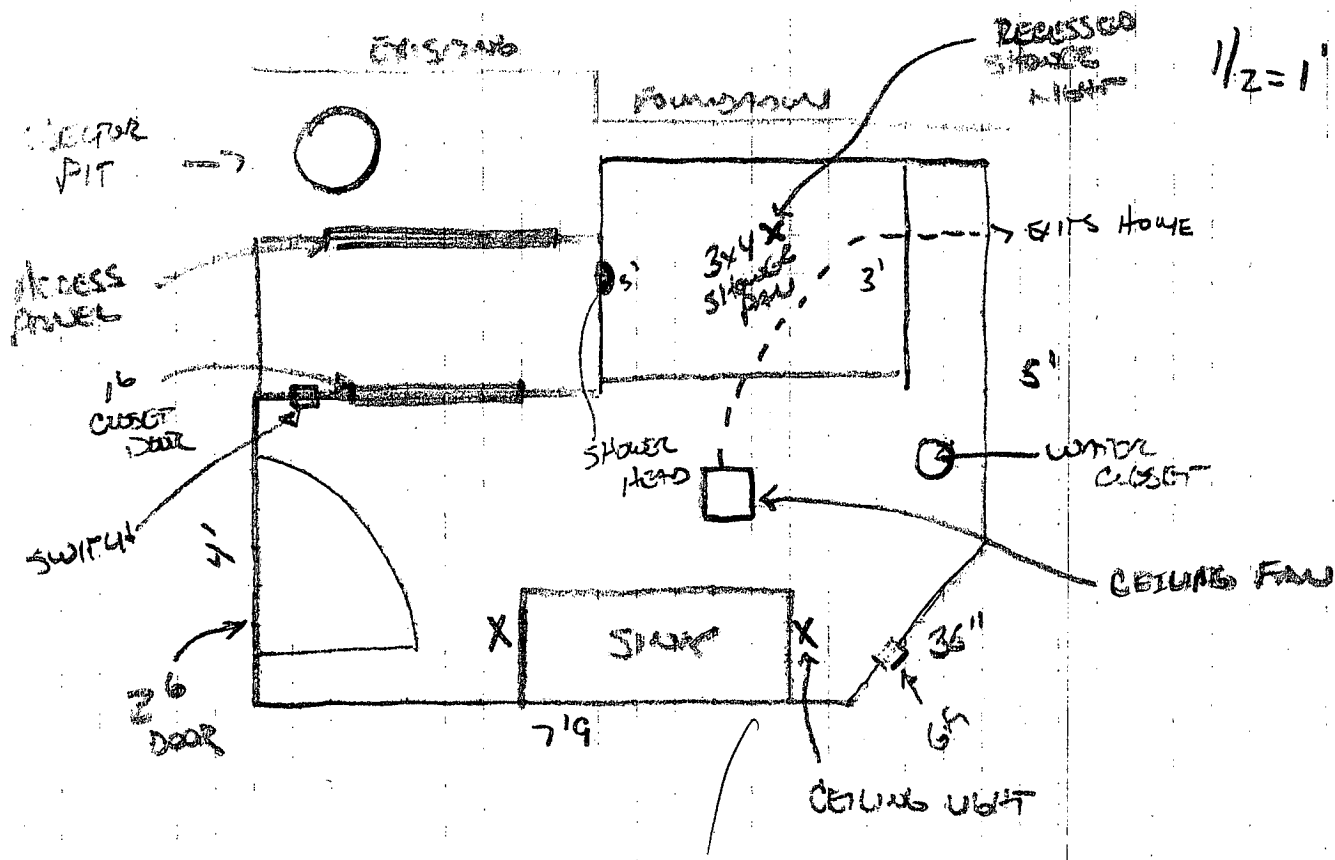
15' BRL

60' BRL

15' BRL

15' BRL

TO
AR
PRE



2/6/02 B00134241
 Partial Remodeling
 of basement O.K.
 Adding full bath.
 Unlikely that anything
 can be used as bedroom.
 (BB)

→ NO WINDOW
 →

