

11/20/89 LNT6
2-1-0

05-405726 WPI

PERMIT

P 45179

A 37299

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 11/2/89

DATE SYSTEM APPROVED 11/21/89

INSPECTOR BH

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland PHONE 875-4197

SUBDIVISION William Contrivance ROAD 9461 Lovat Road LOT 32

PROPERTY OWNER Chip Sollins

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. 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 - Start the first trench 240 feet from the rear (241.83') lot line and 70 feet from the left lot line as seen when facing the lot from Lovat Road. Run trenches on contour in both directions.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

PLANS APPROVED BY Sid Abel DATE 4/07/89

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

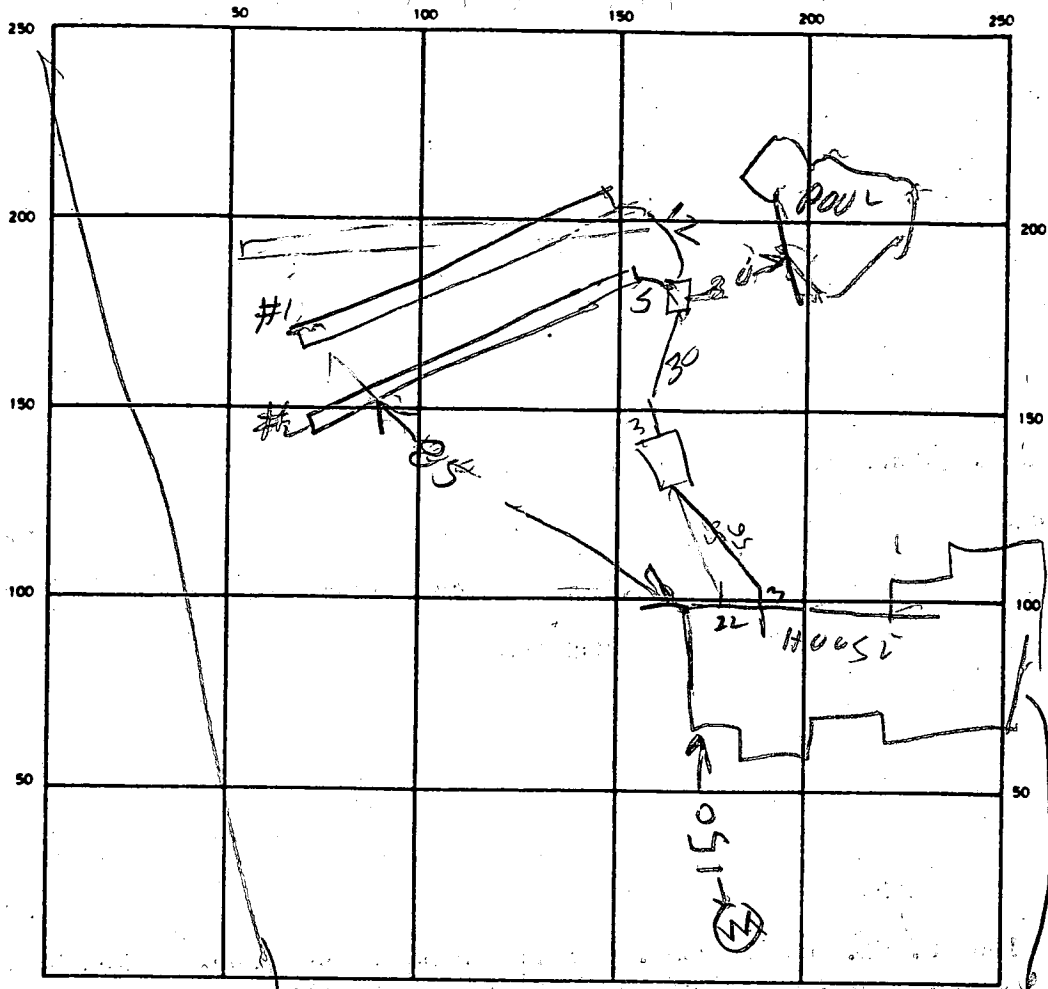
BIDG. PERMIT SIGNED AND RETURNED 3/9/90

Sid Abel #31402
Bathman & Co. Pres

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A
37299



LOV AT RD
ST

SEPTIC TANK LEVEL 1500 CLEANOUTS OK

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TILE FIELD DEPTH 2 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 1/4 FT. TOTAL LENGTH 92 1/2 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 368 | 368 SQ FT 736

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 11/20/89^{2P} - TRENCH STARTED 11/20/89^{900P} TRENCH #1 OK
TANK SET & HOUSE SEWER OK TRENCH #2 STARTED 11/21/89^{10⁰⁰AM} - TRENCH #2 OK R.H.

DATE SYSTEM APPROVED 11/21/89 INSPECTOR Raymond Hodger

A 37299

SUBDIVISION: Williams Continuance

LOT NUMBER: 32

DRY WELL OR DRY WELL AND TRENCH

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 2 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.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 240 FT FROM THE REAR (241.83')

LOT LINE AND 70 FT FROM THE LEFT LOT LINE AS SEEN WHEN
FACING THE LOT FROM LOUAT RD. RUN TRENCHES ON CONTOUR
IN BOTH DIRECTIONS.
TOWARD THE RIGHT SIDE OF LOT. 4-7-89. SCL

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37299

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 4/26/86

*FOR LOT NEW 15 Use Perimeter Testes
by BN for Lot 14 ON 8/1/86
RH*

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 ~~C. Ellsworth Jager~~ Chip Sollins - 484-5845

ADDRESS 11788 Route 216 Fulton, Maryland 20759 PHONE 725-2075

PROPERTY LOCATION:

SUBDIVISION Williams Contrivance LOT NO. ~~14~~ 32

ROAD AND DESCRIPTION 9461 End of Lovet Road

SIZE OF LOT 3.4 acres TYPE BLDG. residential
(NUMBER OF BEDROOMS)

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.

C. Ellsworth Jager
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR Deep trench DATE 4-7-89

REJECTED BY _____ FOR _____ DATE _____

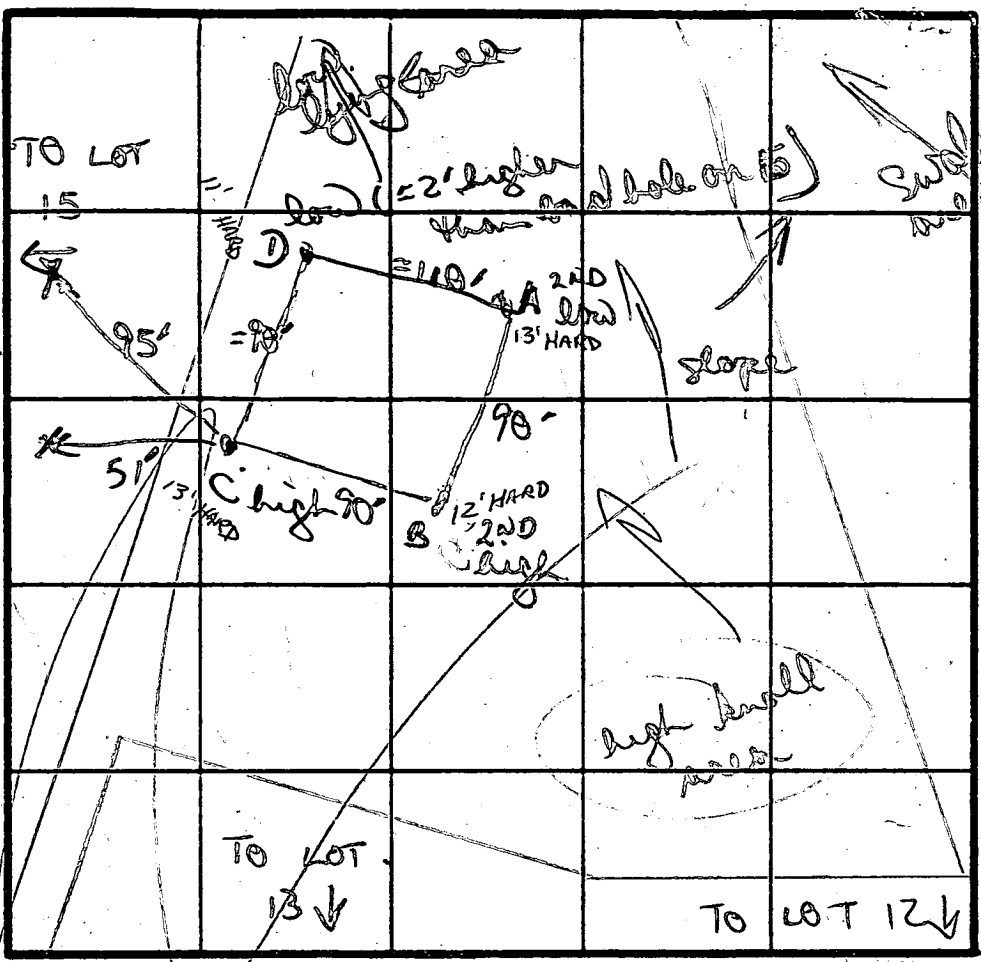
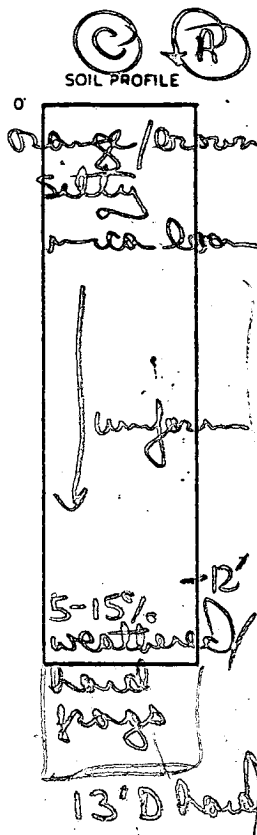
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 8/6/86 - Per OK Hold for Plat RH

BLDG. PERMIT SIGNED
AND RETURNED 9/28/89
Serial #30142 - pord

BLDG. PERMIT SIGNED
AND RETURNED 5-17-89
OP24029
8A

THIS IS NOT A PERMIT



hard rock frags / orange silty clay loam
-3 1/2'
orange silty loam
layer of small frags weathered

uniform tan / orange brown silty mica loam
1-3% frags weathered
11'D hard

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/1/86	A	3'5	206	207	207	208	1 MIN	
		13 1/2'D	(see profile C & D)					
	B	2'5	217	218	218	219	1 MIN	
		12'D	bottom (near hard rock)					
	C	2 1/2'S	154	155	155	156	1 MIN	
		7'M	154	156	156	158	2 MIN	
		13'D	hard bottom					
	D	2 1/2'S	200	201	201	202	1 MIN	
		11'D	hard bottom					

VOID
L.V. M. H. A.
CHANG
CHANG
TESTED BY
8/4/86

REMARKS: MAY WANT SHALLOW SYSTEM DUE TO ELEVATION + HARD ROCK BOTTOM
NO LOT MARKERS

TYPE OF SOIL: clay little - absent / silty mica loams, some hard bottoms

TESTED BY: B. Wilson ALSO PRESENT: skip robed

BET BACKS	
REAR PL	10'
SIDE PL	30'
HOUSE	10'
SEPTIC	20'
WELL	10'

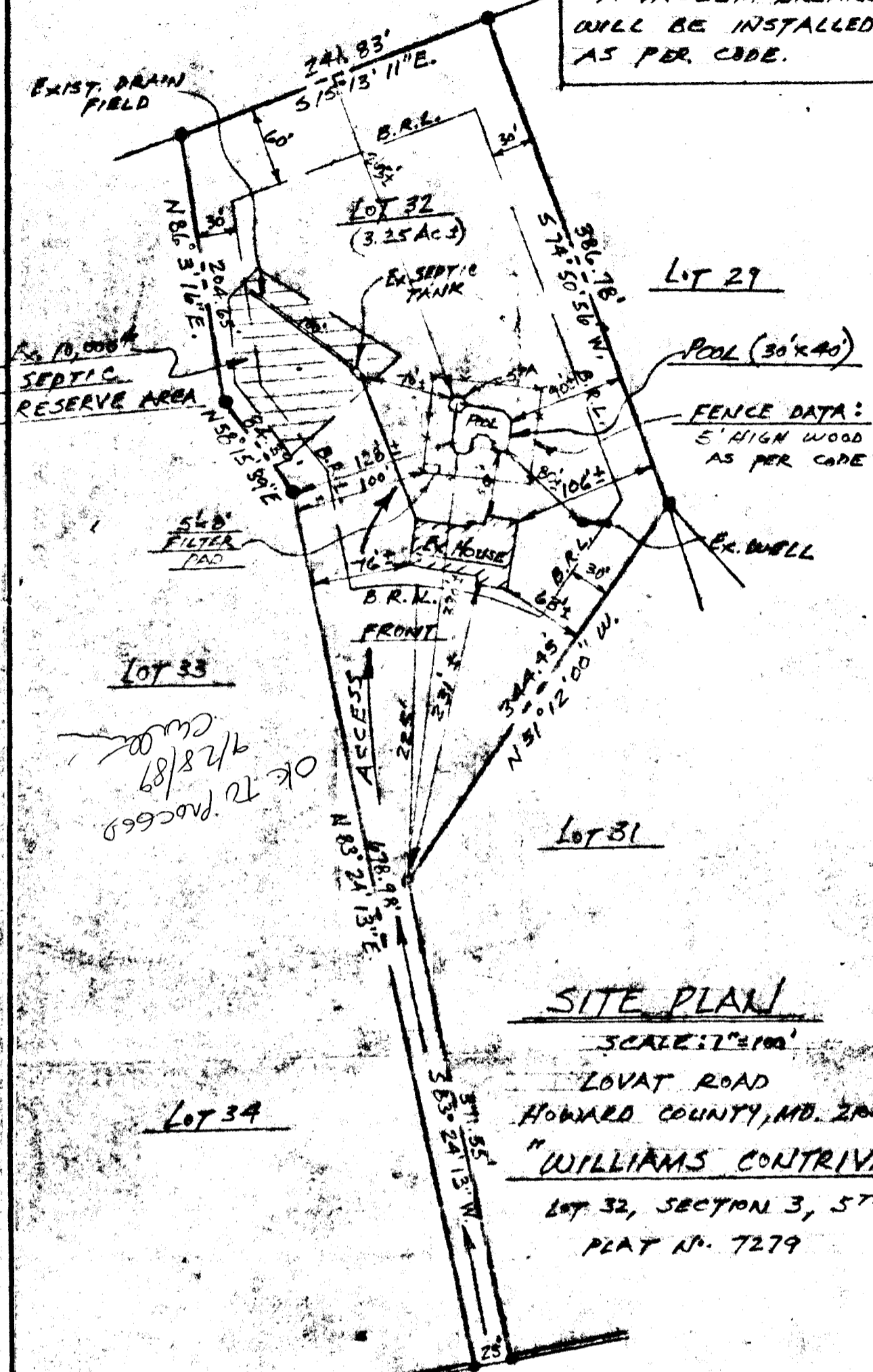
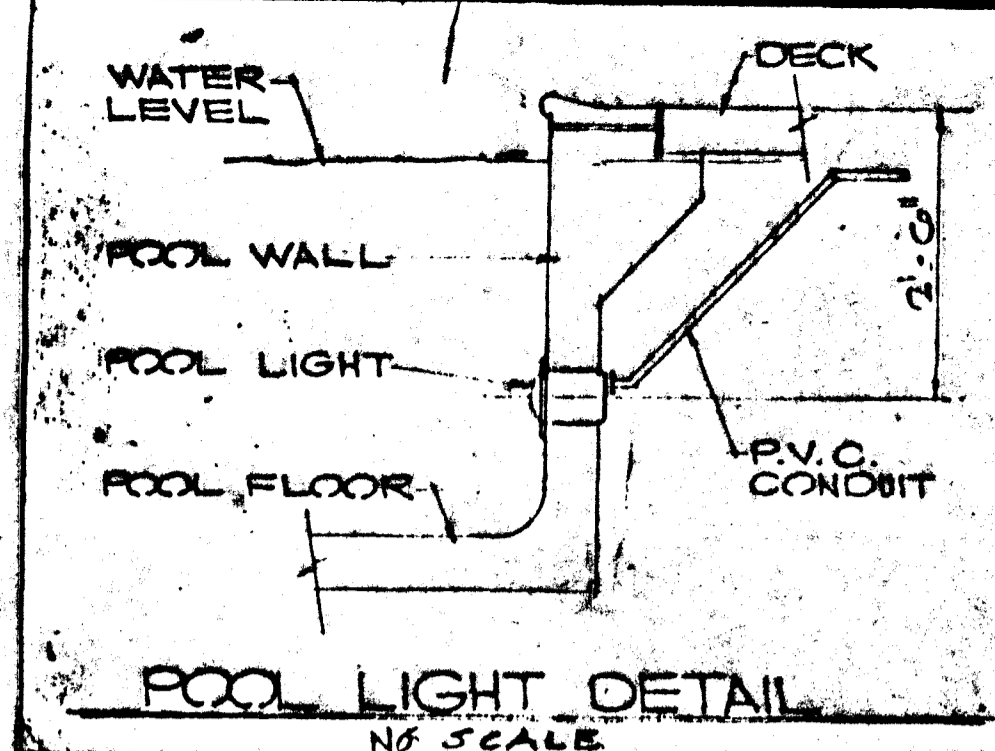
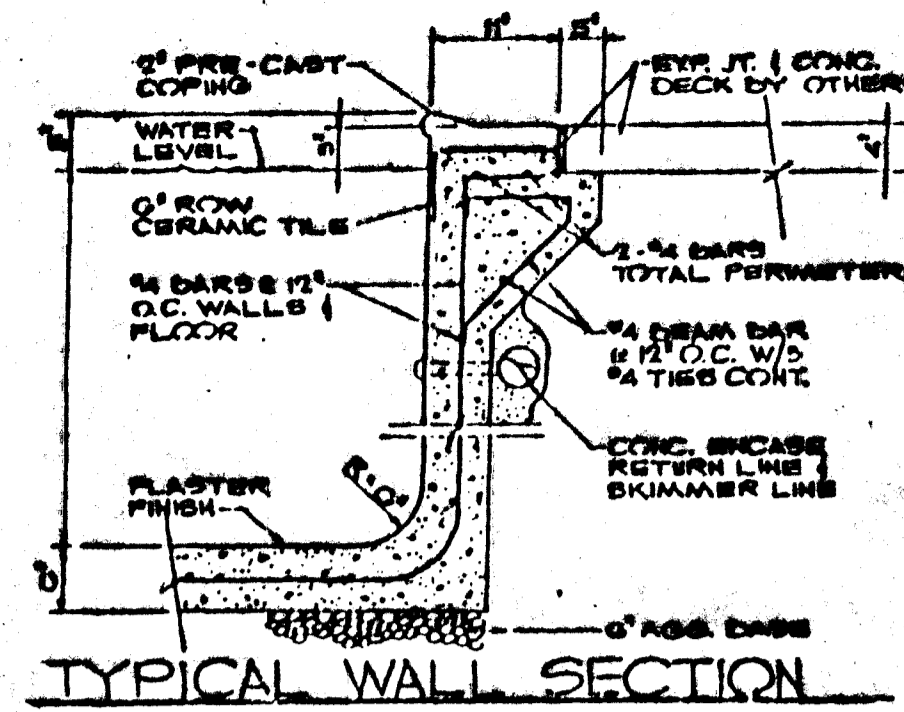
PRIVATE WELL & SEPTIC

NOTE:
A VACUUM BREAKER
WILL BE INSTALLED
AS PER CODE.

- TEMPORARY FENCE INCLUDED
- VACUUM & CLEANING MILS INCLUDED
- SELF-CLEANER INCLUDED
- DIRT DISPOSITION - ON SITE
- SOLAR RECIRCULATING SYSTEM INCLUDED
- 1 HR. GRADING INCLUDING TO DECK
- 10' LONG INSIDE LOUVESEAT
- NO ELECTRIC CONC. DECK NOT INCL.
- SOLAR COVER
- HEATER "LAARS" OIL (MOD. 325)
- RAY-VAC POOL CLEANER
- ONE HANDRAIL ON STEPS

EQUIPMENT LIST:

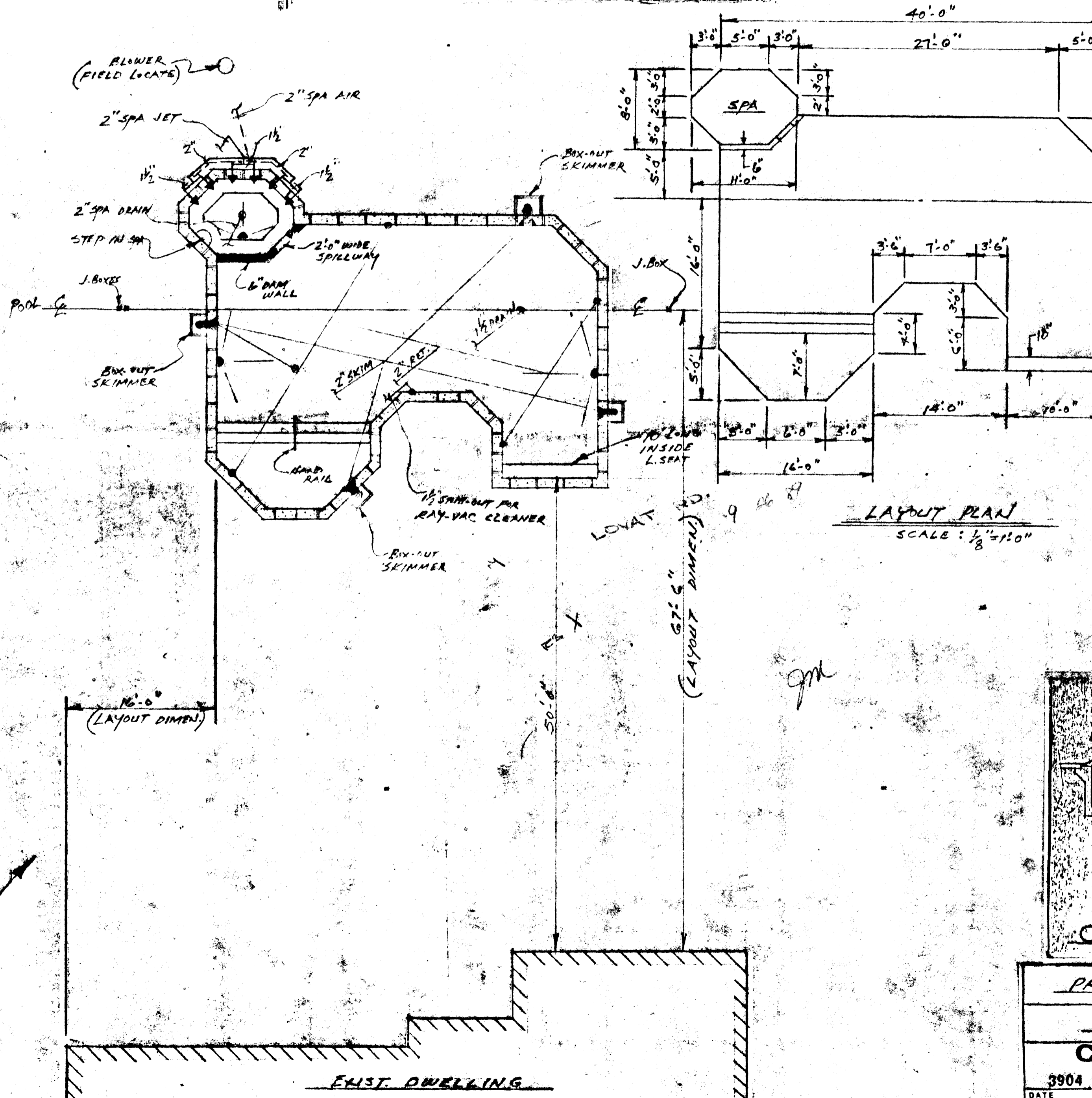
- POOL SHAPE - CUSTOM, DEPTH 3'-5'-0"
- WIDTH 30', LENGTH 40', PER. 760 L.M.F.T.
- POOL SQ. FT. 945 + SPA, 75'
- COPING STANDARD WHITE
- TILE - 808 BLUE SUNBURST
- INT. FINISH WHITE PLASTER
- ROPE & FLOATS INCLUDED
- FILTER DE 604, 2 HP AMERICAN SPA-RITE, 299L
- SKIMMERS (4) DELUXE RETURNS (4) 1 1/2" DIA.
- 2 BOTTOM DRAINS
- POOL LIGHT (2) 500 WATT, 110 VOLT



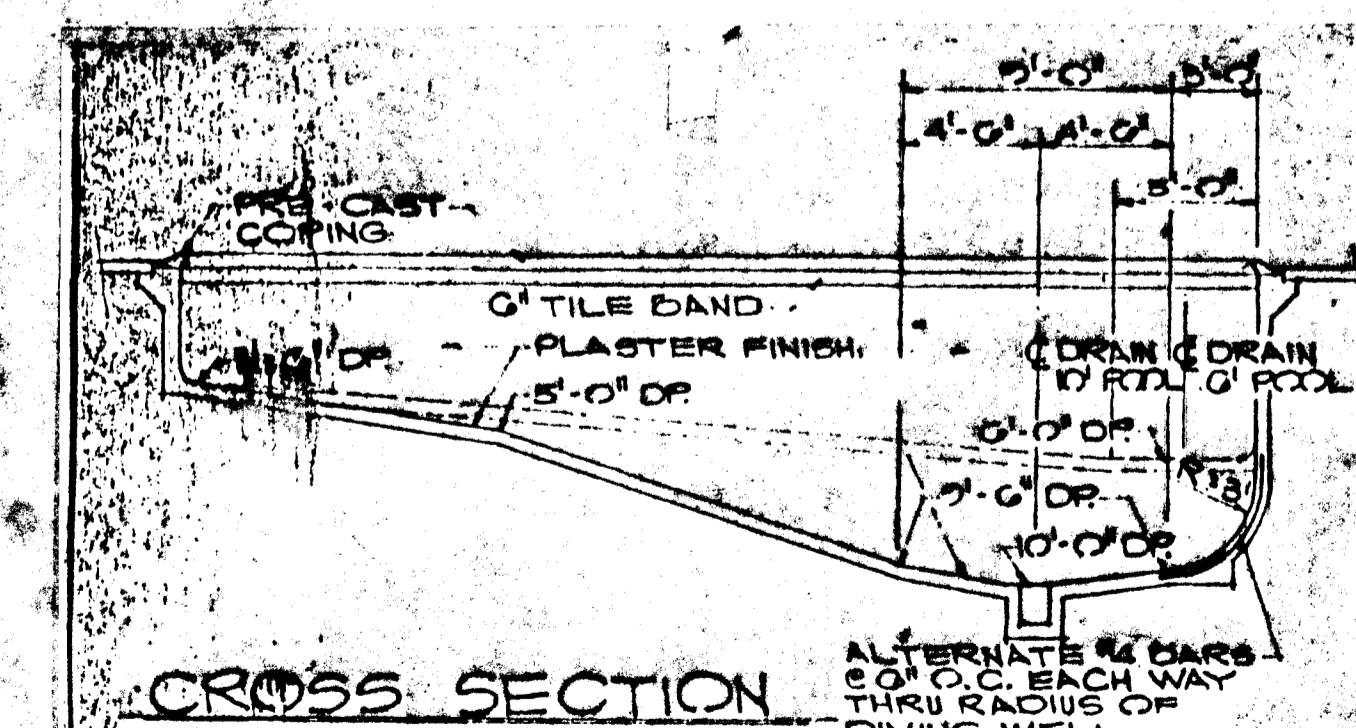
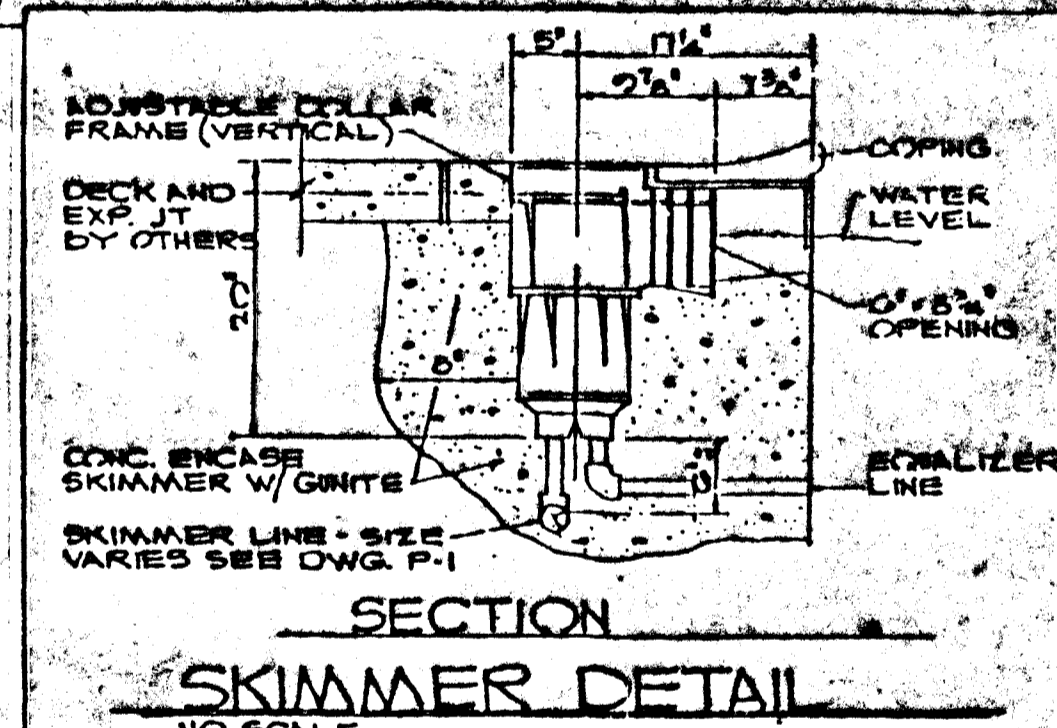
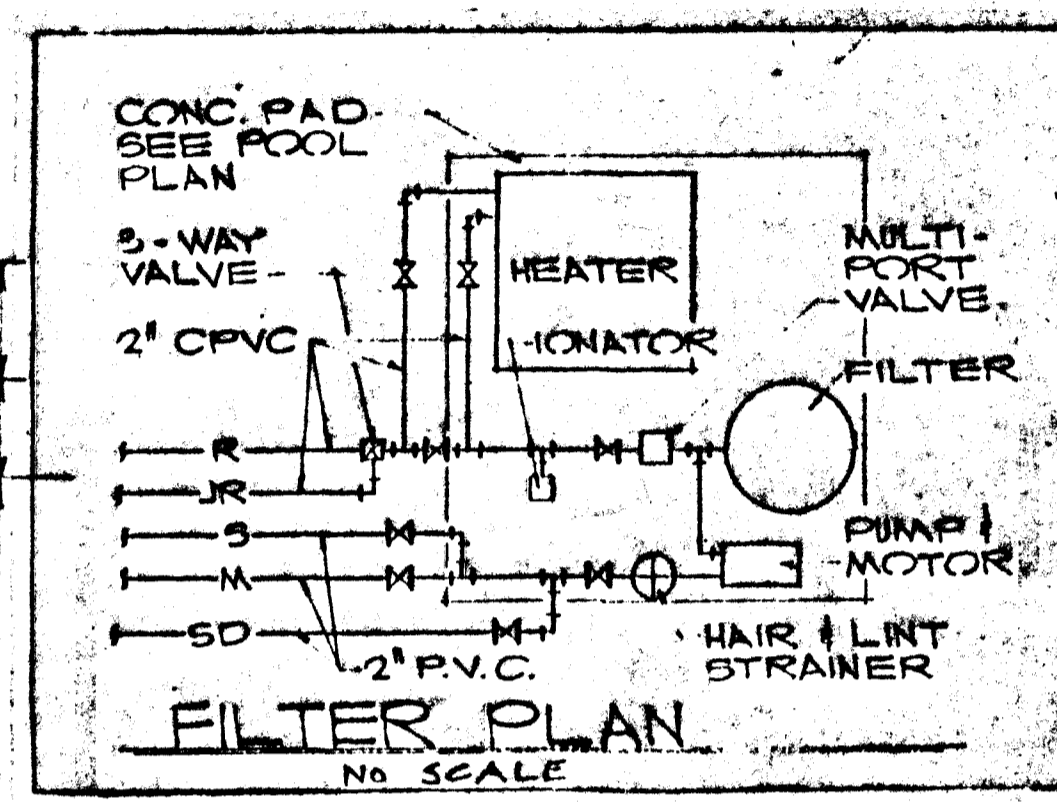
SITE PLAN
SCALE: 1/4" = 1'-0"
LOVAT ROAD
HOWARD COUNTY, MD. 20843
"WILLIAMS CONTRIVANCE ESTATES"
LOT 32, SECTION 3, 5TH ELECTION DIST.,
PLAT NO. 7279

DIRECTIONS:
I-695 (SOUTH) TO I-95 (SOUTH), CONT.
APPROX. 20 MILES TO RTE. 213, RIGHT &
FOLLOW APPROX. 5 MILES TO LOVAT RD, TURN
LEFT & CONT. TO SITE ON LEFT, LOVAT RD.

CUSTOMER'S NAME & ADDRESS
CHARLES SOLOKI
9461 LOVAT
BURTONSVILLE, MD. 20886



LAYOUT PLAN
SCALE: 1/8" = 1'-0"



PROPOSED POOL LAYOUT & DETAILS
CHARLES SOLOKI SOLIANS
CONCRETE DESIGN POOLS
RESIDENTIAL - COMMERCIAL - RENOVATION - PUMPING
3904 MILLNER ROAD, BALTIMORE, MD. 21236 (301) 529-4362

DATE	SCALE	DRAWN BY	REVISED	APPROVED	DRAWING NUMBER
9-89	1/8" = 1'-0"	M.R.X			

B 1 1182

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

H-0-88-0506

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

please print or type.

fill in this form completely.

Date Received (APA)

030989

RANDY LOVERSTEIN OWNER INFORMATION

NEW DIMENSIONS HOME

POB 5748

PIKESVILLE MD 21208

B 3

LOCATION OF WELL R 43294

HOWARD COUNTY

WILLIAMS CONTRIVANCE

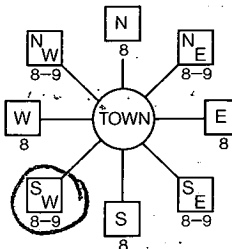
SECTION 44 46 LOT 32

FULTON

MILES FROM TOWN (enter 0 if in town) 3 MI

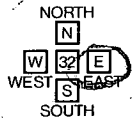
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



LOVAT RD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 800

ENTER FT or MI ET

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A=37299 COUNTY NO.

STATE SIGNATURE DATE ISSUED

032289 Mark P Ripkin 9/22/89

NORTH GRID 477000 EAST GRID 0818000

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)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

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

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 GAP

FORCE MR PERMIT No. H-0-88-0506

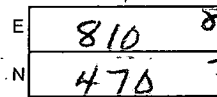
SPECIAL CONDITIONS 764-8647

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

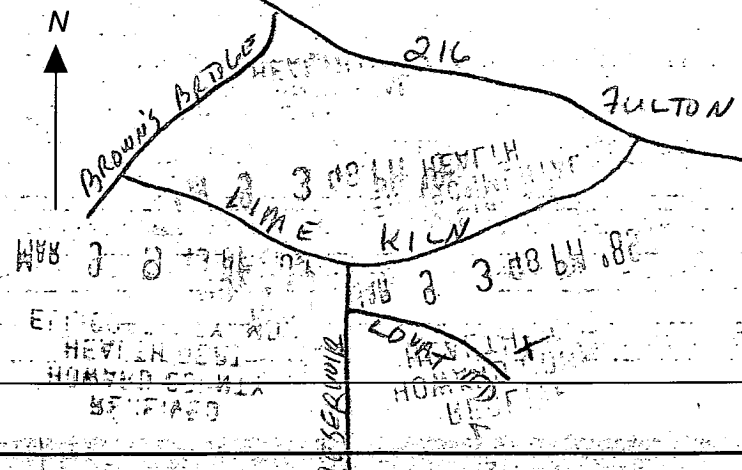
SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

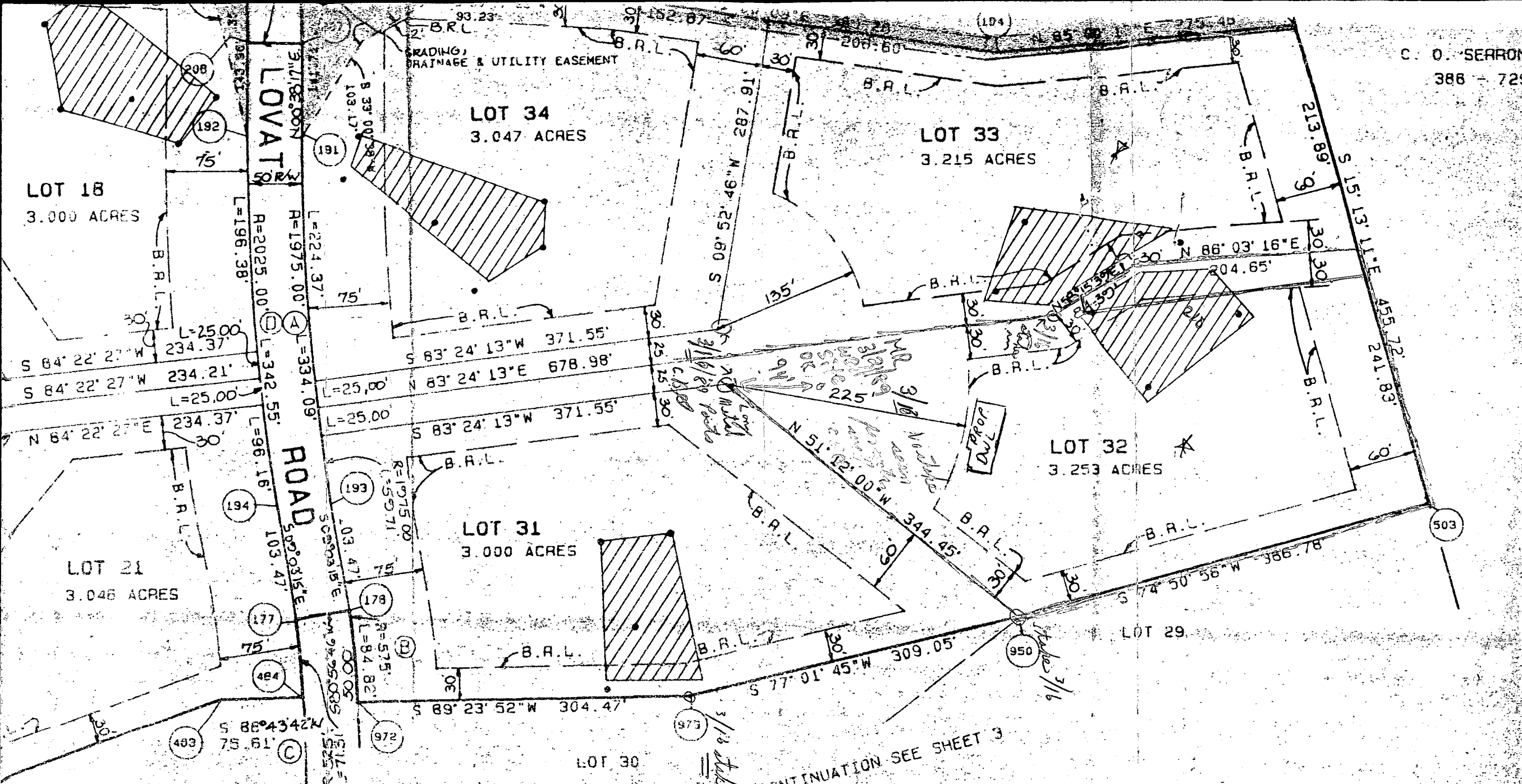
WRITE THE BOX NUMBER FROM THE MAP HERE



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



Handwritten notes: 4-13-89/Well driller AM Notes: 15' off line, 20# Bags of cement, 67' Well casing, 52' Well ground, 2' casing above ground, C.B.D.



FOR CONTINUATION SEE SHEET 3

CURVE DATA TABLE

CURVE	TANGENT	RADIUS	DELTA	LENGTH	DEGREE	CHORD
A	167.44'	1975.00'	09° 41' 32"	334.09'	02° 54' 04"	5 04° 12' 29" E 333.69'

C1 2309

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 A37299

DATE Received

DATE WELL COMPLETED 04/27/99

Depth of Well 130 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-1506

OWNER NEW DIMENSIONS HOME last name Lovat first name RA TOWN Fulton SUBDIVISION Williams Contrivance SECTION LOT 37

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Top Soil, 50' MICA, 50' MICA, 15' 130' (GRAY) ROP.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 20 NO. OF POUNDS 2000 GALLONS OF WATER 100 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 53 ft.

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

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

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

DEPTH (nearest ft.) HO 67 130

CIRCLE APPROPRIATE LETTER 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 10.17.13 "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 IDENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING 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 WILL INSTALL PUMP (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

