

Tax ID - 04-351592

8/1/91 PM  
7-8-11  
anytime

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 47386  
47386  
A 22656

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
461-6933

INDEXED

INDEXED

DISTRICT 4th

DATE 8/1/91

DATE SYSTEM APPROVED 7/8/92

INSPECTOR C. B. B.

Herman Sirk IS PERMITTED TO INSTALL X ALTER

ADDRESS 2555 Jennings Chapel Road, Woodbine, Maryland 21797 PHONE 489-4726

SUBDIVISION Helton Property LOT 4 ROAD 2643 Florence Road

PROPERTY OWNER Paul and Donna Atkins

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

200 SQUARE FEET PER BEDROOM 600 sq. ft. for 3 bedrooms.

LINEAR FEET OF TRENCH REQUIRED 150 Linear ft. for 3 bedrooms.

B.P. 36696

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 50' from the front (294') lot line and 120' from the left (231') lot line. Run trenches along contour in both directions

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter leanout and cap to grade or above on septic tank. DIS 7/15/91 R H

PLANS APPROVED BY Craig Williams cm DATE 05/23/89

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. 60° 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 DEF 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 3540 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**

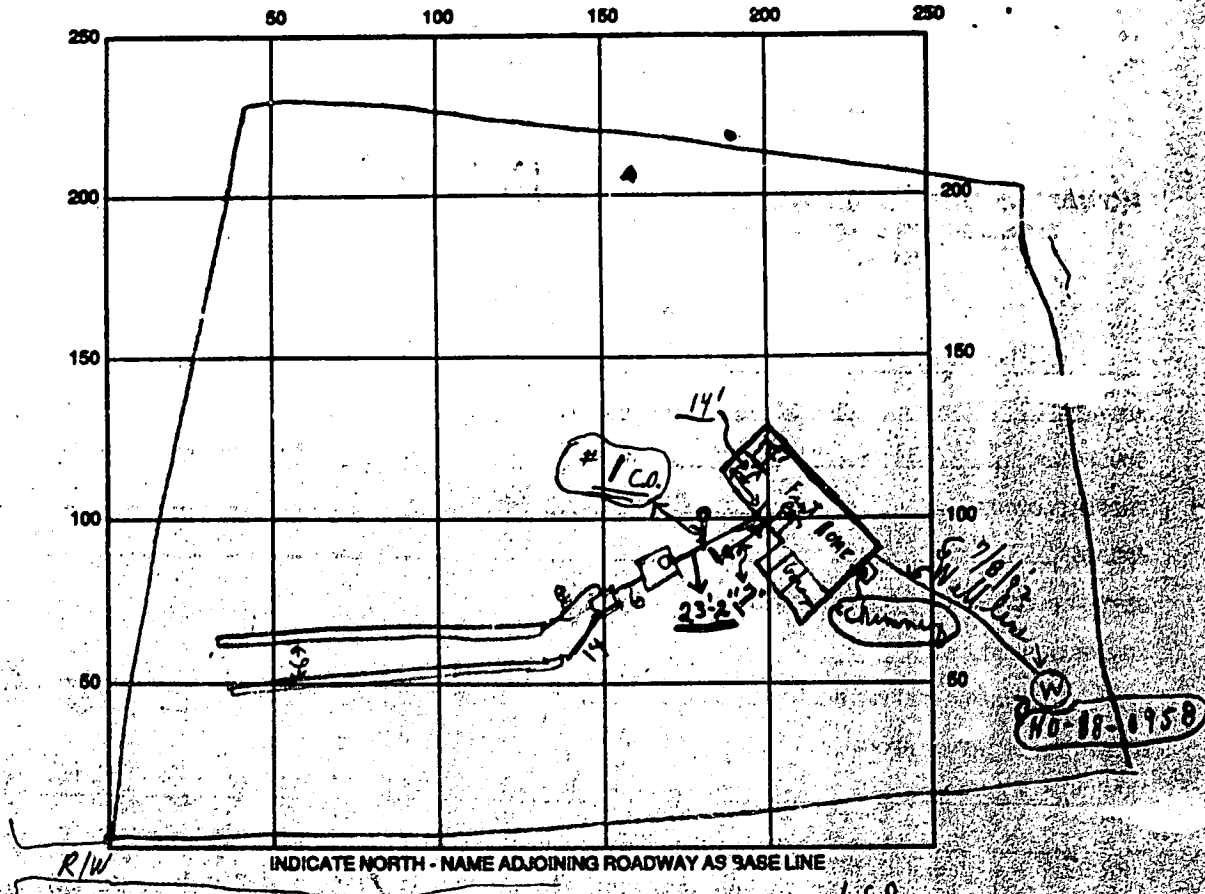
HD-280(9-80)

\*CALL 461-6933 FOR INSPECTION OF SEPTIC SYSTEM.

A-21656

P 47386

FLDQ. PERMIT SIG.  
AND RETURNED 5-27-98  
Serial # D7011986  
Swimming pool



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 CLEANOUTS 57/01 1 CO. OK

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TITLE DEPTH 9 9 FT. TRENCH WIDTH 2 FT. INLET 7 5 1 4 FT.

EFFECTIVE GRAVEL DEPTH 4 4 FT. TOTAL LENGTH 27 24 FT. 16 7

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 6 6 8 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 8/1/91 PM ADD STONE TO TRENCH #1 DIG TRENCH #2  
CONNECT TANK RW 8/2/91 PM STONED ARMED TO TRENCH #1  
TRENCH #2 FINISHED OK TO COVER TANK & TRENCHES  
CALL FOR INSPECTION OF HOUSE HOOK UP 3/11  
7/8/92 Late P.M. - House connection only - do to cover - Final  
7/8/92 W.P.I. - Mud covered 2' show - at P.A. - rest of work ok - do to  
 DATE SYSTEM APPROVED 7/8/92 INSPECTOR Charles Bryan, [Signature]

A 22656


lot 4  
1 acre  
ATKINS  
2643 Home

INDICATE NORTH - NAME ADJOINING ROADWAY AS EAST LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/14/75	6 kip	13'	10:15	10:17	10:17	10:20	3 min	
	6A	4'	10:16	10:23	10:23	10:44	21 min	
	7	4'	10:20			10:23	3 min	
	7A	12'	10:25	10:38	10:38	10:33	5 min	
	7	4' <sup>retest</sup>	10:29	10:36	10:36	10:43	7 min	
	8	4'	10:47	10:49	10:49	10:52	3 min	
	8A	12'	10:53	10:56	10:56	10:59	3 min	
	9	10'	V. silty, clay to 3'					silty sand with gravel below

1305051/62  
trench  
499 ft

REMARKS Disc 5' depth then @ 10' - same disc used for trench  
 TYPE OF SOIL silty loam & weathered sandstone below top 3-5' clay  
 TESTED BY F.S. #12 ALSO PRESENT W. Atkins





**HOWARD COUNTY HEALTH DEPARTMENT**

Joyce M. Boyd, M.D., County Health Officer

September 17, 1993

Reply to:

Mr. and Mrs. Paul Atkins  
2843 Florence Road  
Woodbine, Maryland 21797

RE: LOT #4-Nelson Property  
2843 Florence Road  
Well permit #HO-88-0958

Dear Mr. and Mrs. Atkins:

This is to advise you that the septic system was installed, inspected and approved on July 8, 1992.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

**FINAL CERTIFICATE OF POTABILITY**

This certifies that all sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under permit(s) HO-88-0958.

September 1, 1993  
Date of Final Sampling

September 17, 1993  
Date of Acceptance  
Charles Streaker  
Charles Streaker, P.E.  
Approving Authority  
Charles Streaker, Sanitarian  
Water and Sewerage Program

Water Sample Dates:

December 30, 1992  
September 1, 1993

CS/

C1 1086 SEQUENCE NO. (DENY USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN 15 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER FRY PERMIT NO. HC-84-7958

ST/CO USE ONLY  
 DATE RECEIVED

DATE WELL COMPLETED  
09/06/99

Depth of Well  
 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL  
HC-84-7958

OWNER Atkins  
 STREET OR RFD Elmace Rd TOWN Woodbine  
 SUBDIVISION Heltan Prop SECTION          LOT 4

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	2	
Br Shale	2	4 1/2	
Tan Slate	4 1/2	6 1/2	
Bl Slate	6 1/2	8 1/2	
Br. Slate	8 1/2	8 3/4	
Bl Slate	8 3/4	40	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS 26 NO. OF POUNDS 1100  
 GALLONS OF WATER 100  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 5 ft. (enter 0 if from surface)

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

MAIN CASING TYPE  
 Nominal diameter top (main) casing (nearest inch)  
 Total depth of main casing (nearest foot)  
5 1/2 4 40

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

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

DEPTH (nearest ft.)  
 HOLE SCREEN  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21  
 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 from to

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

TELESCOPE CASING LOG INDICATOR  
 T (E.R.O.S.) W O  
 70 72 74 75 76

PUMPING TEST  
 HOURS PUMPED (nearest hour) 6  
 PUMPING RATE (gal. per min. to nearest gal.)  
 METHOD USED TO MEASURE PUMPING RATE  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 2 1/2  
 WHEN PUMPING 19 3/4  
 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 YES  NO  
 (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)  
 F above LAND SURFACE 2 (nearest foot)  
 B below

LOCATION OF WELL ON LOT:  
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

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

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 IDENT. NO. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

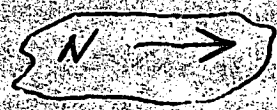
SITE SUPERVISOR (sign of driller or journeyman responsible for stakework if different from permittee)

INTV ELEV (OUT) OF HOUSE - 87  
EXT ELEV AT SEPTIC TANK - 88  
INTV ELEV (INTD) SEPTIC TANK - 87  
INTV ELEV (OUT) OF SEPTIC TANK - 87  
INTV ELEV (INTD) DIST BOX - 87  
EXT ELEV AT DIST BOX - 92  
EXT ELEV AT TRENCH - 92  
INTV ELEV (INTD) TRENCH - 87  
WELL ELEV 95

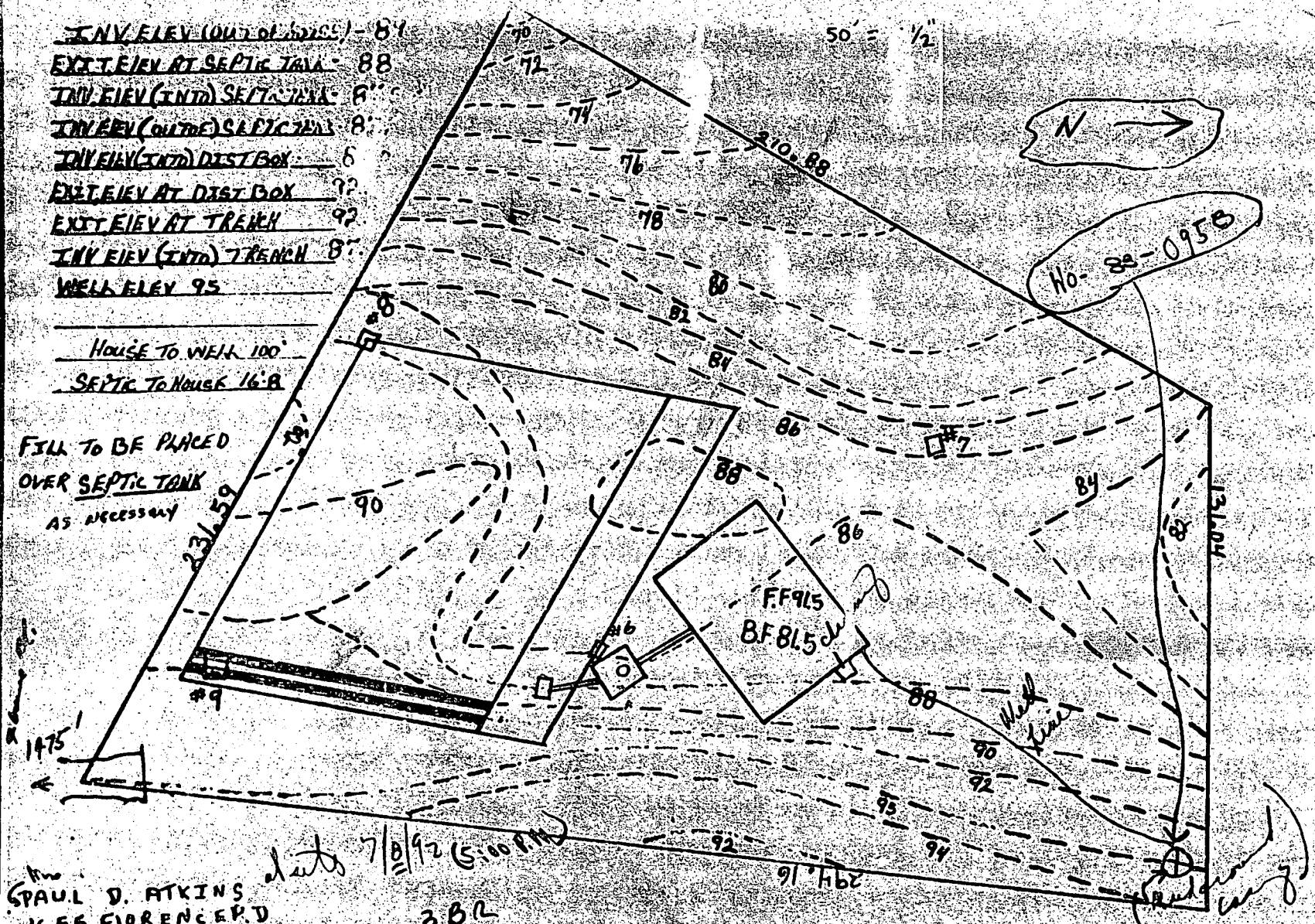
HOUSE TO WELL 100'  
 SEPTIC TO HOUSE 16'8"

FILL TO BE PLACED  
 OVER SEPTIC TANK  
 AS NECESSARY

50' = 1/2"



No. 88-0958



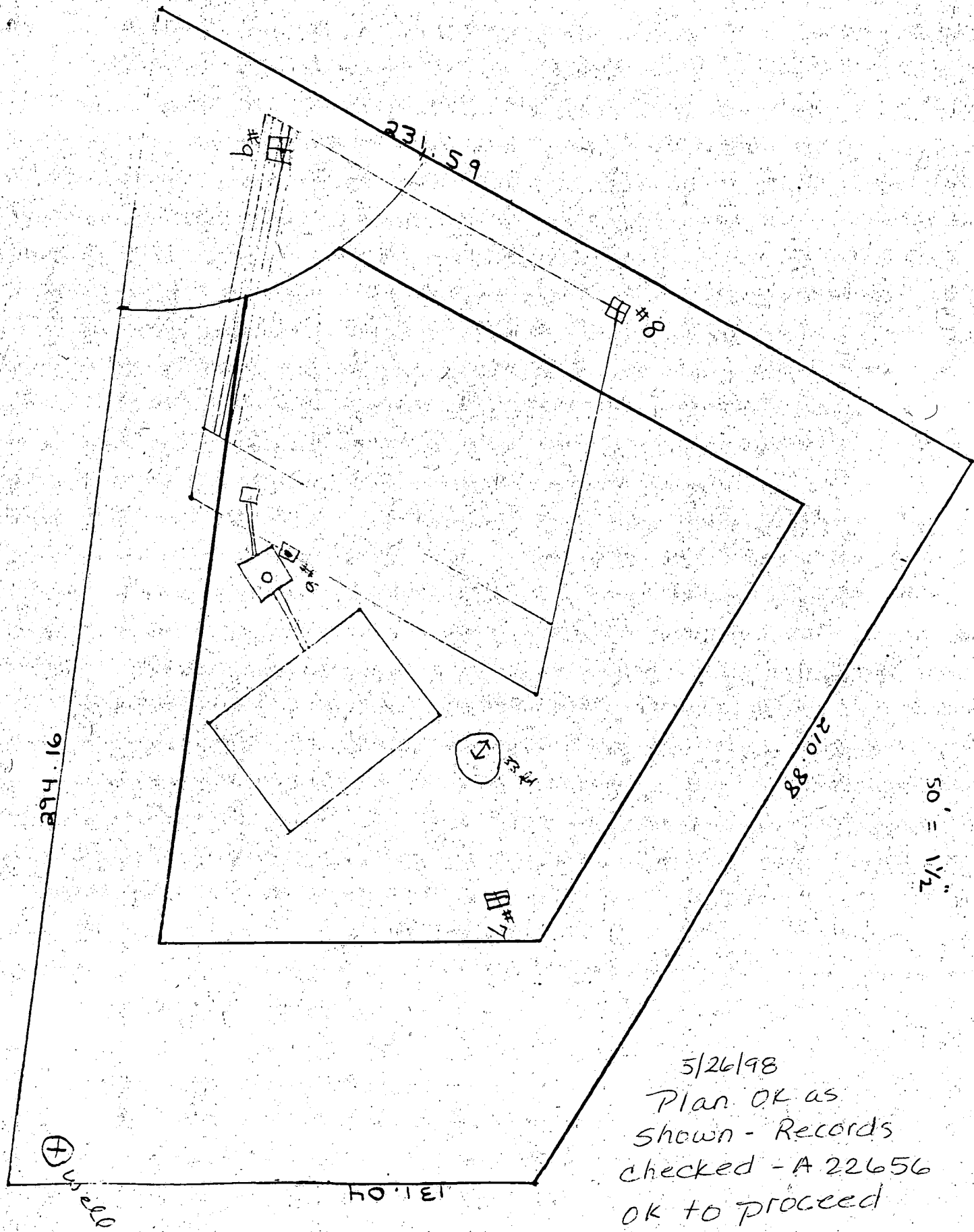
Mr. PAUL D. ATKINS  
 2655 FLORENCE RD  
 WOODBINE MD. 21797  
 301-253-2733

date 7/8/92 (5:00 PM)

3BR

Elevation ok  
4/5/91 CWI

ZONING



5/26/98  
Plan OK as  
shown - Records  
checked - A 22656  
OK to proceed

A McMull