

1-2-97  
WPI a.m.

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57589

A 49482-C

DISTRICT 4th

DATE 12-6-96

DATE SYSTEM APPROVED 12/31/96

INSPECTOR ll

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXXXX~~ 313-2640

04-356950  
INDEXED

Arnold's Backhoe and Septic IS PERMITTED TO INSTALL  ALTER

ADDRESS 7110 Woodbine Road Woodbine, MD 21797 PHONE 795-7873

SUBDIVISION Warfields Grant LOT 3 ROAD 16009 Fields End Court

PROPERTY OWNER Trinity Custom Homes, Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 190 feet up the right (301.83) lot line and 70 feet off that same lot line as seen when facing the lot from Field's End Court. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 8/9/96 DKS

PLANS APPROVED BY Mark Rifkin DATE 08/06/96

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

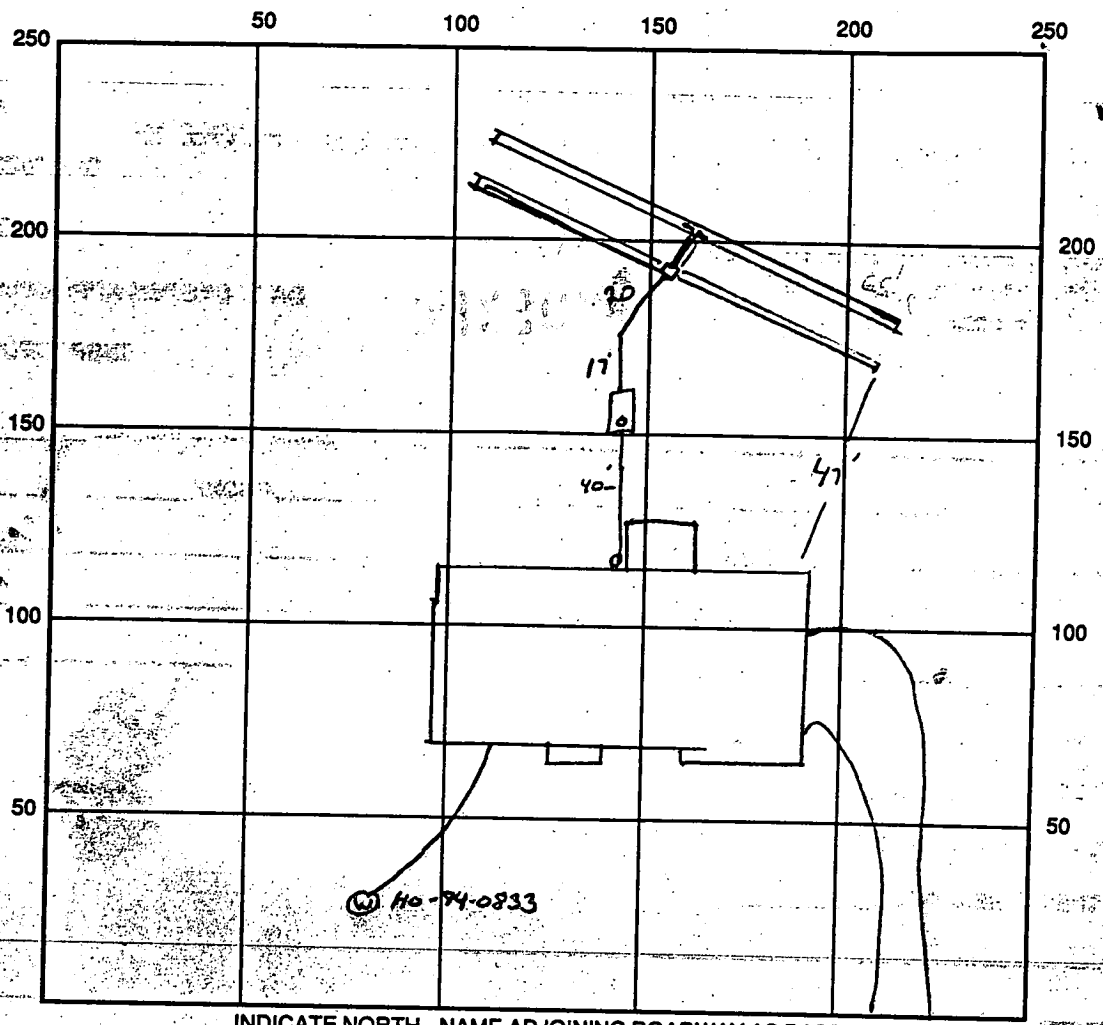
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 49482-C

P-57589



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
FIELDS END - CT

SEPTIC TANK LEVEL OK, 1250 GAL CLEANOUTS 1 ON TANK, 1 AT HOUSE  
 DISTRIBUTION BOX LEVEL OK  
 DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4.5-5 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 4x60 FT. = 240  
 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: 12/31/96 WPI - CASING CRACKED BELOW PITCESS - TO BE REPAIRED  
SEPTIC INSPECTION - OK, NEED TO SEE SPECS FOR ENAL - OK, [initials]  
1/2/97 OK to cover, <sup>well line</sup> damage repaired as was seen on 12/31/96 - K. M. Bell

DATE SYSTEM APPROVED 12-31-96 INSPECTOR Bob Jones

# APPLICATION

PERCOLATION TESTING

A 49482C

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 WARFIELDS GRANT LTD. PARTNERSHIP c/o Ronald B. Carter  
*TRINITY Custom Homes, Inc*

ADDRESS P.O. Box 122 ELLICOTT CITY MD. 21043 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER FISHER COLLINS & CARTER ATTN: Zach Fisch

ADDRESS 9171 BALTIMORE NATIONAL PIKE ELLICOTT CITY MD. 21042 PHONE 461-2855

PROPERTY LOCATION:

SUBDIVISION WARFIELDS GRANT SEC. 2 LOT NO. 3

ROAD AND DESCRIPTION Daisy Road (16009 Fields End Court)

TAX MAP 13 PARCEL # 128

SIZE OF LOT 1 AC. ± TYPE BLDG. \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 8/6/90  
Smith B00101464  
S.F.D. - 4 Bays  
(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. Zacharia Y. Fisch (agent)  
(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 \_\_\_\_\_

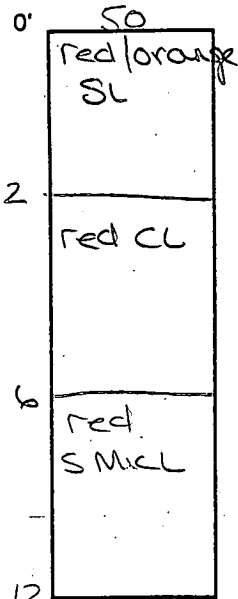
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

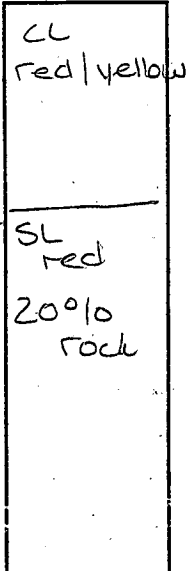
A49482C

COUNTY #

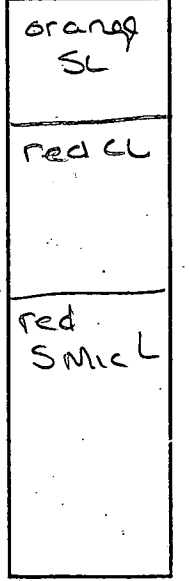
SOIL PROFILE



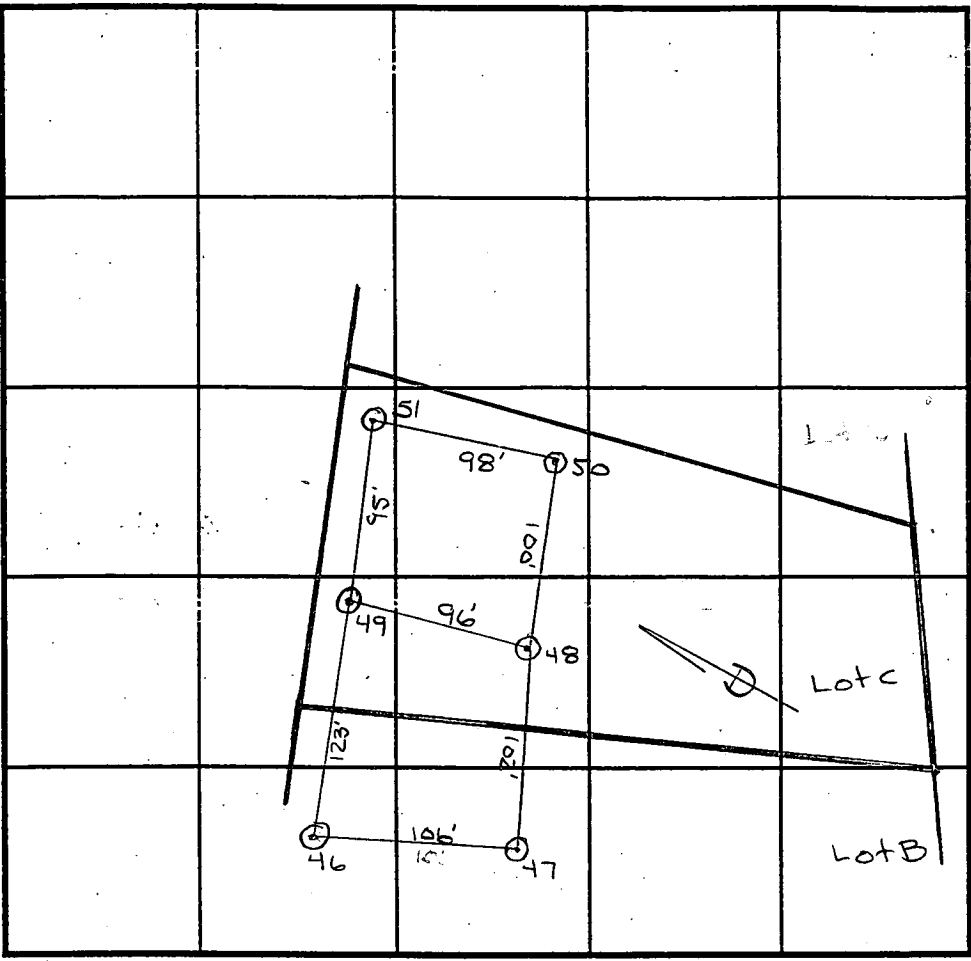
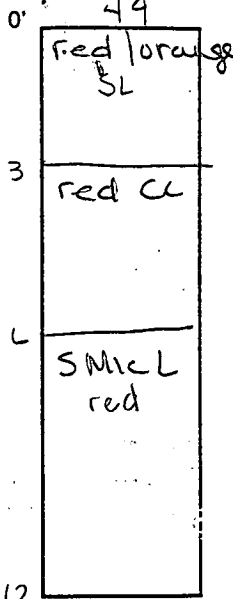
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SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/20/93	50	V12 6	1:51	1:54	1:54	1:59	5
	51	V12 5	1:53	1:56	1:56	1:59	3
	48	V12 6	1:38	1:40	1:40	1:43	2
	49	V12 6	1:42	1:44	1:44	1:49	5
		8	1:42	1:44	1:44	1:47	3

REMARKS TESTS 46 & 47 ARE FROM A49482.B  
 TYPE OF SOIL GLENFLG  
 TESTED BY Amy McMillan *cmw* ALSO PRESENT Cissie/Andres  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 TRENCH WIDTH 3  
 INLET DEPTH 5 MAXIMUM BOTTOM DEPTH 7 SQ. FT./BEDROOM 180

C1 7946

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 COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 49482-C

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 080296

Depth of Well 205 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-0833

OWNER Trinity Custom Homes last name Fields first name End Ct TOWN Daisy SUBDIVISION Wanfields Grant SECTION 2 LOT 3

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, check if water bearing. Includes entries for Top Soil, Sandy Sandstone, MICKA, and Sandstone.

GRROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS 25, NO. OF POUNDS 2500.

CASING RECORD. MAIN CASING TYPE: PL (PLASTIC). Nominal diameter 6 inches, Total depth 205 feet.

OTHER CASING (if used). A C H S C R E N diameter inch, depth (feet) from to.

SCREEN RECORD. screen type or open hole: HO (OPEN HOLE). insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED: Y (YES).

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), 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...

TYPE: MWD/MSD/MGD 116. DRILLERS LIC. NO. 116. Driller Signature: Nathl. Wayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION). LIC. NO. 117. Driller Signature: Nathl. Wayne

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

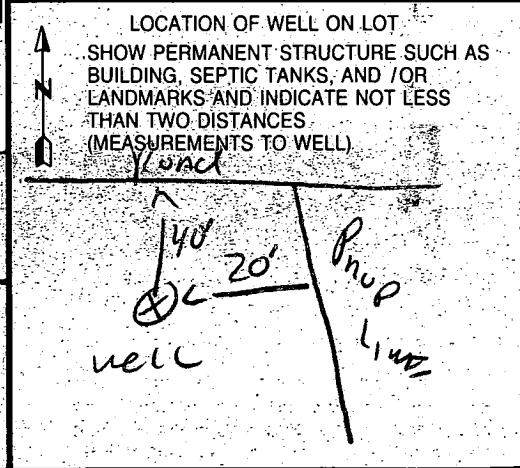
DEPTH (nearest ft.) HO 73 205. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN 56 to 60 (NEAREST INCH).

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) T, W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST. HOURS PUMPED 3. PUMPING RATE 120 gal. per min. METHOD USED TO MEASURE PUMPING RATE: bucket. WATER LEVEL BEFORE PUMPING 55 ft., WHEN PUMPING 58 ft. TYPE OF PUMP USED: S (submersible).

PUMP INSTALLED. DRILLER WILL INSTALL PUMP (YES/NO). 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 (+) above and (-) below LAND SURFACE (nearest foot).

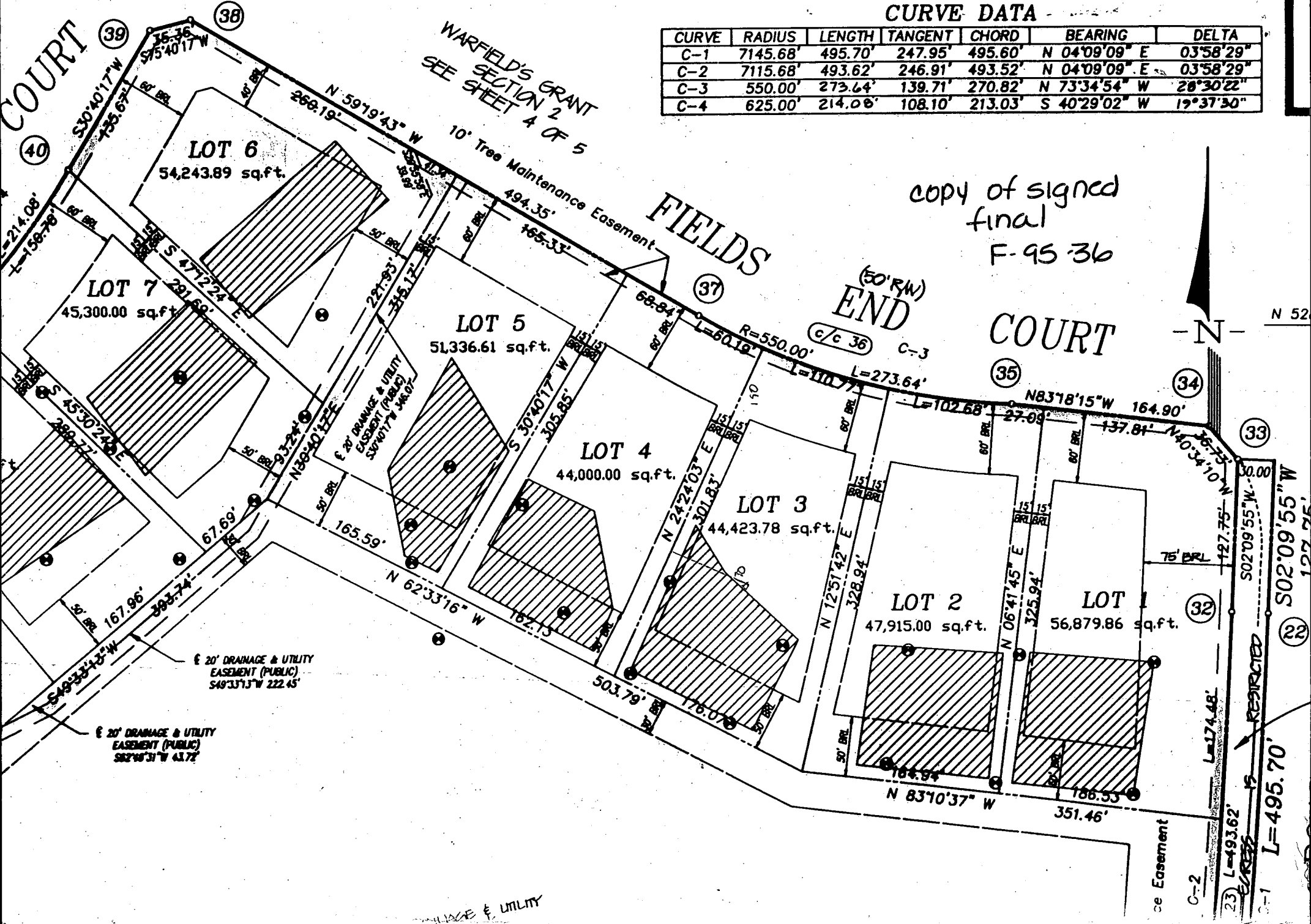






**CURVE DATA**

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C-1	7145.68'	495.70'	247.95'	495.60'	N 04°09'09" E	03°58'29"
C-2	7115.68'	493.62'	246.91'	493.52'	N 04°09'09" E	03°58'29"
C-3	550.00'	273.64'	139.71'	270.82'	N 73°34'54" W	28°30'22"
C-4	625.00'	214.06'	108.10'	213.03'	S 40°29'02" W	19°37'30"



COURT

FIELDS

COURT

N 52

N

RESTRICTED

S02°09'55" W  
L=495.70'

C-2  
L=493.62'

C-1

ce Easement

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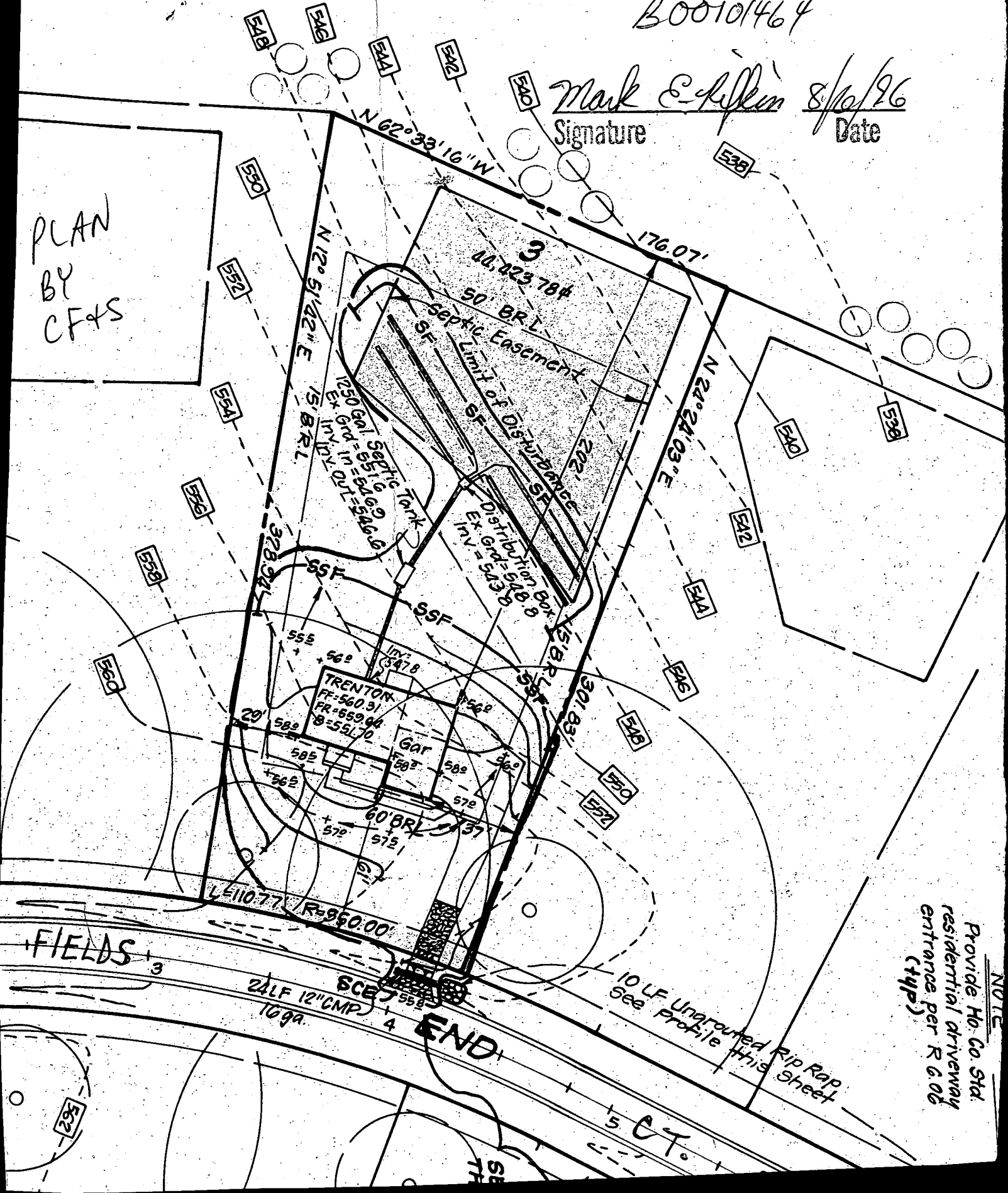
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Approved Septic System Plan  
 Howard County Health Department

B00101464

*Mark E. Allen* 8/10/26  
 Signature Date

PLAN  
 BY  
 CF+S



NOTE  
 Provide Ho. Co. Std.  
 residential driveway  
 entrance per R. 6.06  
 (typ)

END

5 CT.