

# PERMIT

RPS#?

P 57013

## SEWAGE DISPOSAL SYSTEM

A 50065

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE 7/3/96

DATE SYSTEM APPROVED 11/20/96

INSPECTOR ALM

INDEXED  
03319172

WTC III Plumbing & Heating, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 1820 Gillis Falls Road, Woodbine, MD 21797 PHONE 410-489-4457

SUBDIVISION West Friendship LOT 56 ROAD River Valley Chase

PROPERTY OWNER Edward A. Hall

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS 1000 gal pump

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

System design and location to be determined at time of septic installation. Contact this office for inspection prior to starting any work.

**BUILDING PERMIT SIGNED  
AND RETURNED**  
62205 B00154547-DECK

inlet @ 4.0 bottom at 6.0 2.0' stone

only need to install trenches prior to BP issuance Au

PLANS APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

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

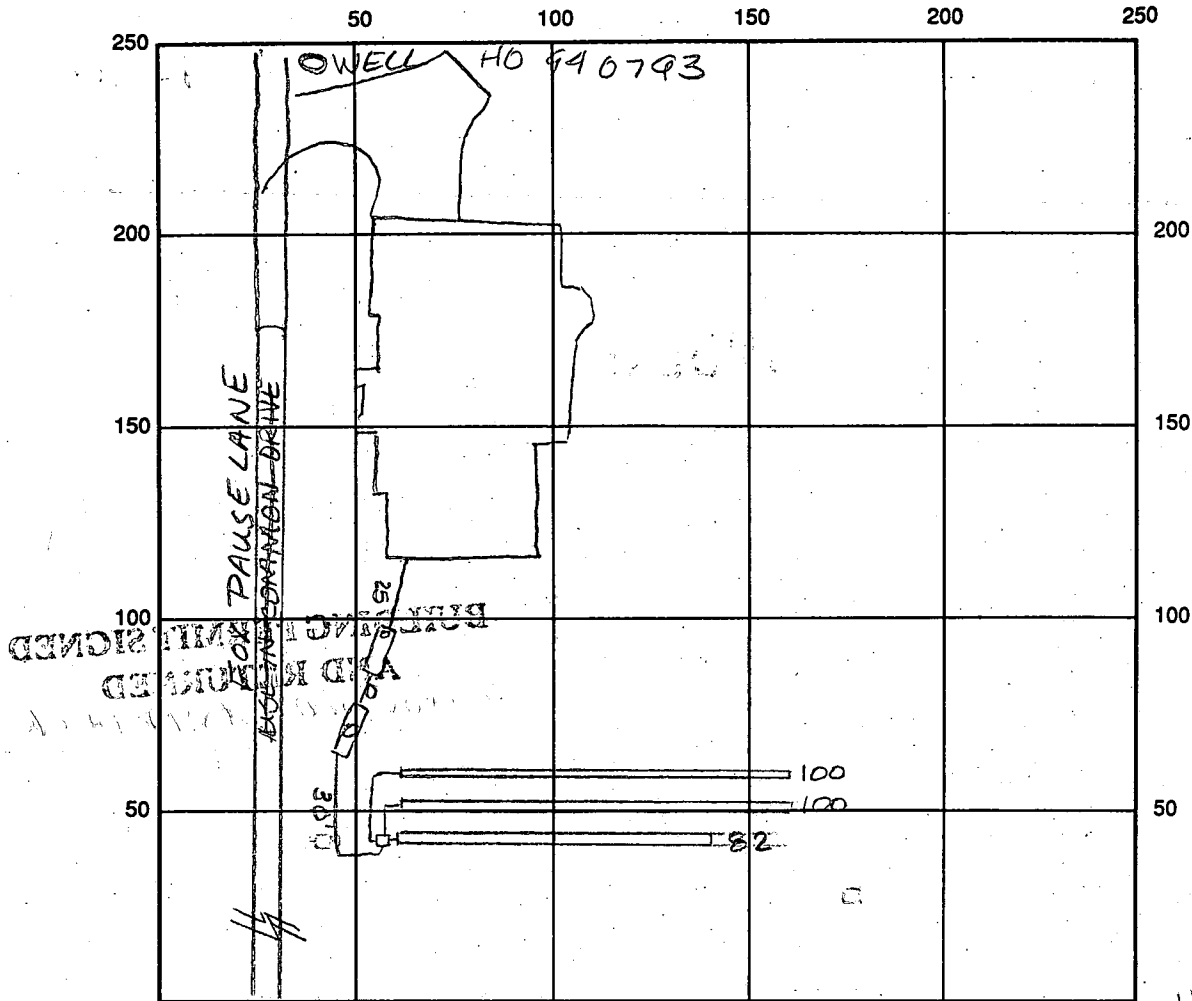
PERMIT VOID AFTER TWO YEARS

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 50065-6



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE River Valley Chase

SEPTIC TANK LEVEL OK 1250 gal + 1000 gal Pump chamber CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 6.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 4.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 282 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 846 SQ. FT. <sup>282</sup>/<sub>3</sub> = 94

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA      SQ. FT.

REMARKS: 7/11/96 OK to cover trenches and distribution box AUM  
11/20/96 OK to cover all work final AUM

DATE SYSTEM APPROVED 11/20/96 INSPECTOR A McMillen

SITE INSPECTION SHEET

OWNER: \_\_\_\_\_

DATE REQUESTED: 7/3/96

ADDRESS: Lot 56 River Valley Chase

DRILLER: \_\_\_\_\_

WELL TAG # \_\_\_\_\_

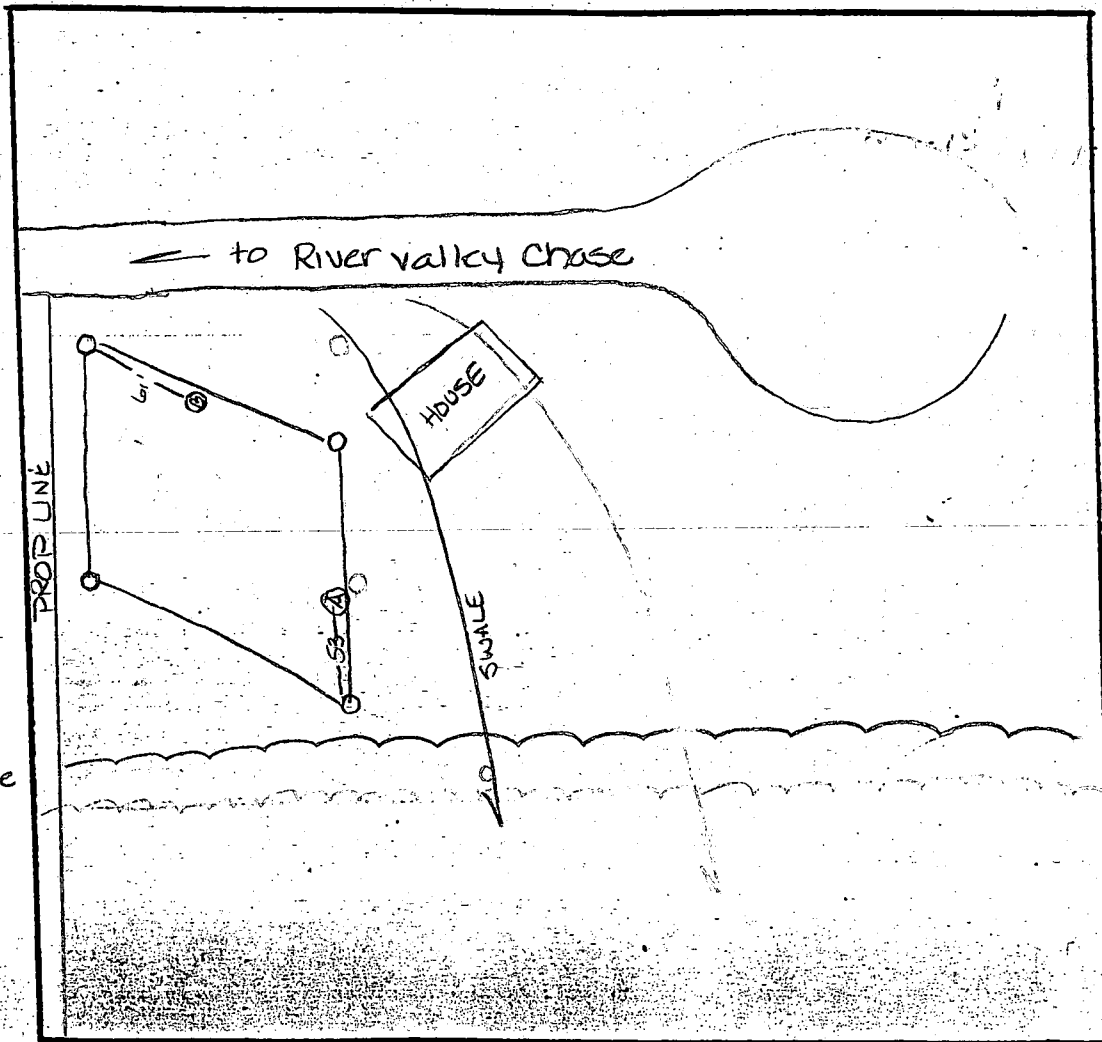
COUNTY # \_\_\_\_\_

PROPOSAL: 2 Gravity septic systems with 3rd repair to be pumped in future

LOCATION DIAGRAM

A	dark red SiLm	11.0
	dark orange SiLm	10.0
	pink Salm micaceous	12.0

B	dark red SiLm	4.5
	darker red SiLm	8.0
	lgt orange Tan SiLm micaceous 20% Saprolite	12.5



COMMENTS: It is possible to start 1<sup>st</sup> system 55' lower in recorded easement with sufficient area remaining for 1 repair also on gravity

DATE: 7/3/96 Steve McMill

INSPECTOR: \_\_\_\_\_

# APPLICATION

7/6/94 6/9/94  
For  
4/3/94  
(P.M.)  
6/9

PERCOLATION TESTING

A 500659

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 4/2/94

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 West Friendship Estates Inc

ADDRESS C/o Land Design + Dev  
10805 Hickory Ridge Rd PHONE 740-2100

AGENT OR PROSPECTIVE BUYER Mark Reich

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_ # \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION West Friendship Estates I LOT NO. 56 *Now LOT 56*

ROAD AND DESCRIPTION Route 32 + West Ivory Rd

TAX MAP 15+22 PARCEL # 32,42+533

SIZE OF LOT 1 ± acre TYPE BLDG. SFD  
(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.

*Mark Reich*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS  
REASONS FOR RESUBMISSION OR HOLDING NEED TO MOVE SEPTIC AREA - UP HILL (SEE BACK) WATER TABLE PROBLEMS *Need to redesign*

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

Now 56  
A # 50065 g  
COUNTY # 9

LOT # 5  
on stake

Corner LOT 5  
1871

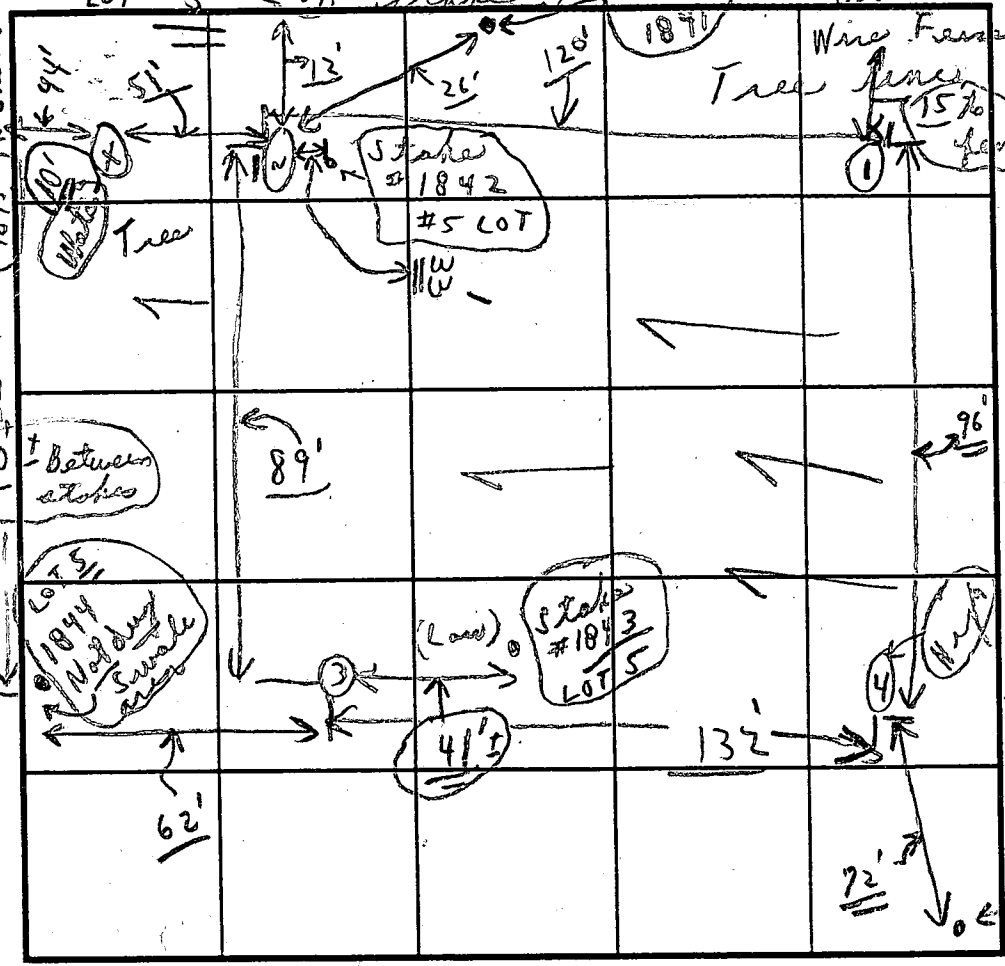
Bob

SOIL PROFILE Hole # ①

0' - 3' 10"  
Clay  
3' - 10"  
Loam  
10 1/2'  
Bottom

SOIL PROFILE Hole # ④

0' - 4' 1/2"  
Clay  
4' +  
Loam  
11'  
Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hole # ②

0' - 3 1/2"  
Clay  
3 1/2" +  
Loam  
10'  
Bottom

Hole # ③

0' - 4 1/2"  
Clay  
4 1/2"  
Loam  
10'  
Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
6/9/94	1	3' - 10"	11:02	11:03	11:03	11:04	1 min	
	# No stake	10 1/2'	0' - 1'					
	2	3 1/2'	11:12	11:14	11:14	11:16	2 min	
	# Near 1841	10'	0' - 1'					
	3	4 1/2'	11:18	11:20	11:20	11:23	3 min	
	# 1843	10'	0' - 4'					
	4	11'	0' - 1'					
	# Corner stake 1832							

REMARKS 6/9/94 Tests in open; Tests per above  
 TYPE OF SOIL Sandy Loam  
 TESTED BY C. B. [Signature]  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 min TRENCH WIDTH 3'  
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 210  
 SHALLOW ONLY (HOLD FOR REDESIGN)

C1 4590

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 A50065-6

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 grid: 06/19/96

Depth of Well grid: 345

PERMIT NO. grid: HD-94-0793

OWNER Greenfield Homes, STREET OR RFD River Valley Chase, TOWN W. Friendship, SUBDIVISION W. Friendship Est., SECTION I, LOT 56

WELL LOG Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sandy, Sandstone, Micka, Flint Rock, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay), NO. OF BAGS, NO. OF POUNDS, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (PL, G, GS), Nominal diameter top, Total depth of main casing

OTHER CASING (if used)

SCREEN RECORD

DEPTH (nearest ft.) grid: 63, 345; SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT

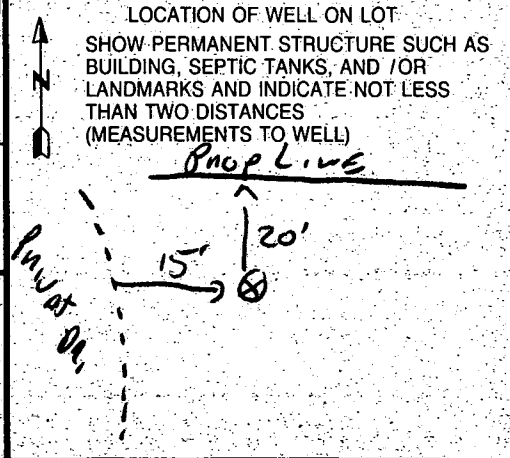
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST

HOURS PUMPED (3), PUMPING RATE (6), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED (S)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (NO), IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A, E, P

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04

TYPE: MWD/MSD/MGD 116, DRILLERS LIC. NO. 116, DRILLERS SIGNATURE

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION), LIC. NO. 117, DRILLERS SIGNATURE

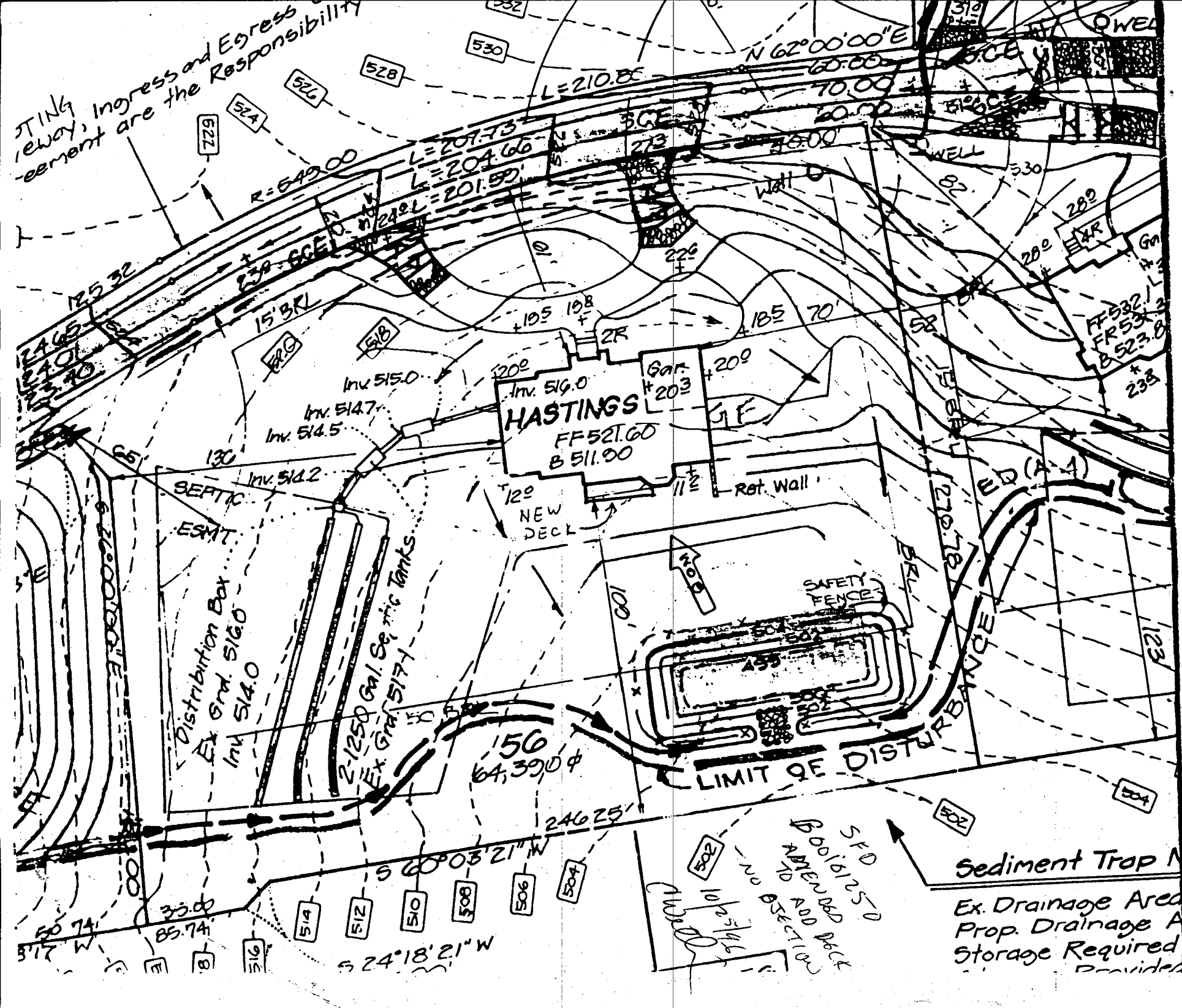
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

STING  
eway, Ingress and Egress  
eement are the Responsibility

Permit # B00101250

Greenfield Homes

10/24/96

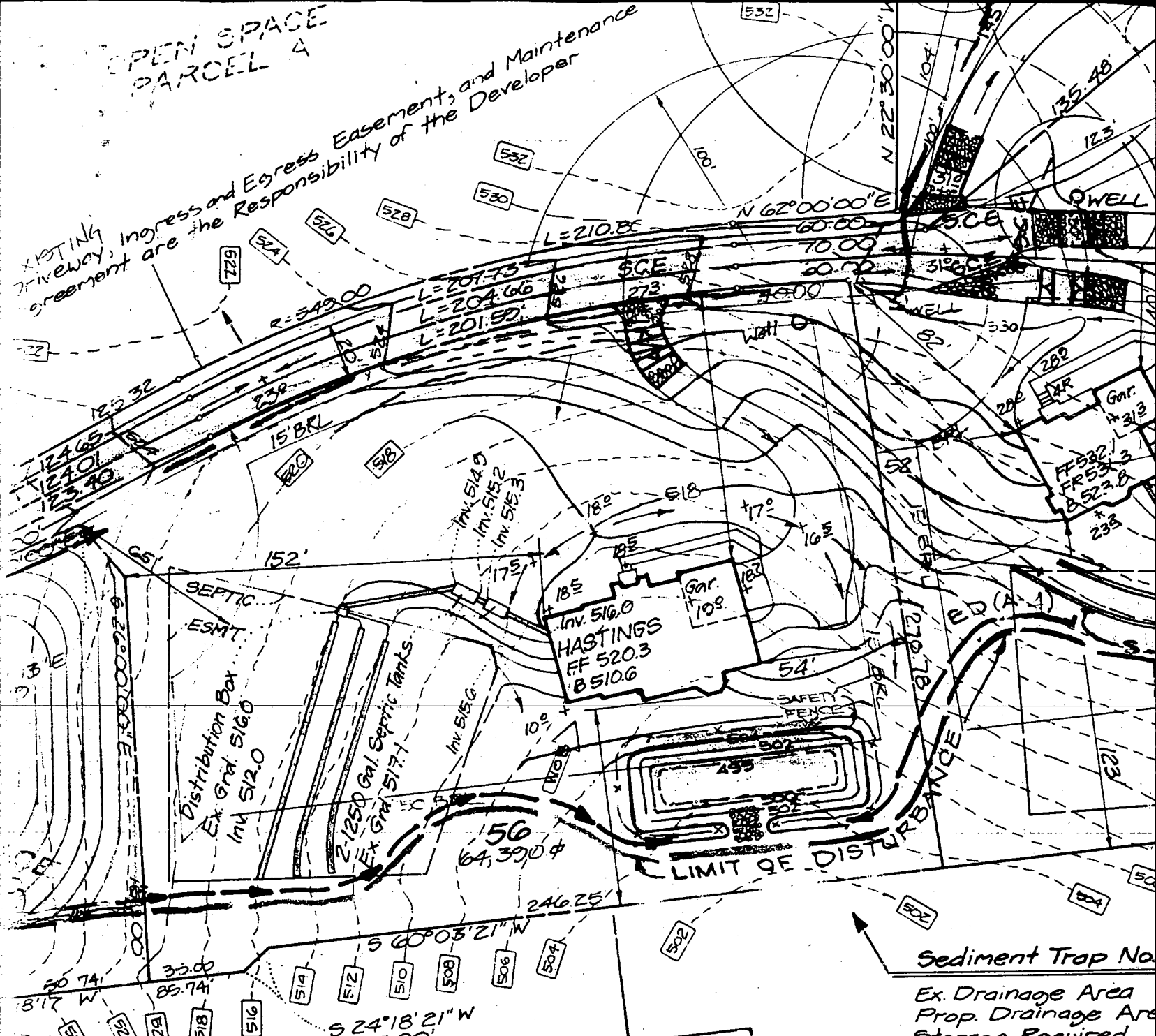


Sediment Trap M  
 Ex. Drainage Area  
 Prop. Drainage A  
 Storage Required  
 provided

NO OBSTRUCTION  
 10/24/96  
 510 512 514 516 518 520 522 524 526 528 530 532 534 536 538 540 542 544 546 548 550 552 554 556 558 560 562 564 566 568 570 572 574 576 578 580 582 584 586 588 590 592 594 596 598 600 602 604 606 608 610 612 614 616 618 620 622 624 626 628 630 632 634 636 638 640 642 644 646 648 650 652 654 656 658 660 662 664 666 668 670 672 674 676 678 680 682 684 686 688 690 692 694 696 698 700 702 704 706 708 710 712 714 716 718 720 722 724 726 728 730 732 734 736 738 740 742 744 746 748 750 752 754 756 758 760 762 764 766 768 770 772 774 776 778 780 782 784 786 788 790 792 794 796 798 800 802 804 806 808 810 812 814 816 818 820 822 824 826 828 830 832 834 836 838 840 842 844 846 848 850 852 854 856 858 860 862 864 866 868 870 872 874 876 878 880 882 884 886 888 890 892 894 896 898 900 902 904 906 908 910 912 914 916 918 920 922 924 926 928 930 932 934 936 938 940 942 944 946 948 950 952 954 956 958 960 962 964 966 968 970 972 974 976 978 980 982 984 986 988 990 992 994 996 998 1000

OPEN SPACE  
PARCEL A

EXISTING Driveway, Ingress and Egress Easement, and Maintenance Agreement are the Responsibility of the Developer



**BASEMENT DOES NOT SEWER BY GRAVITY - LOT 56**

Approved Septic System Plan  
Howard County Health Department

Sediment Trap No. \_\_\_\_\_  
 Ex. Drainage Area \_\_\_\_\_  
 Prop. Drainage Area \_\_\_\_\_  
 Storage Required \_\_\_\_\_  
 Storage Provided \_\_\_\_\_  
 Top of Stone Cres. \_\_\_\_\_  
 Clean-Out Elev. \_\_\_\_\_  
 Bottom Elev. \_\_\_\_\_  
 Storage Depth \_\_\_\_\_  
 Bottom Dimension \_\_\_\_\_  
 L = G'  
 2:1 Side Slopes in \_\_\_\_\_

*Donna K. See* 7/23/96

OWNER'S CERTIFICATE

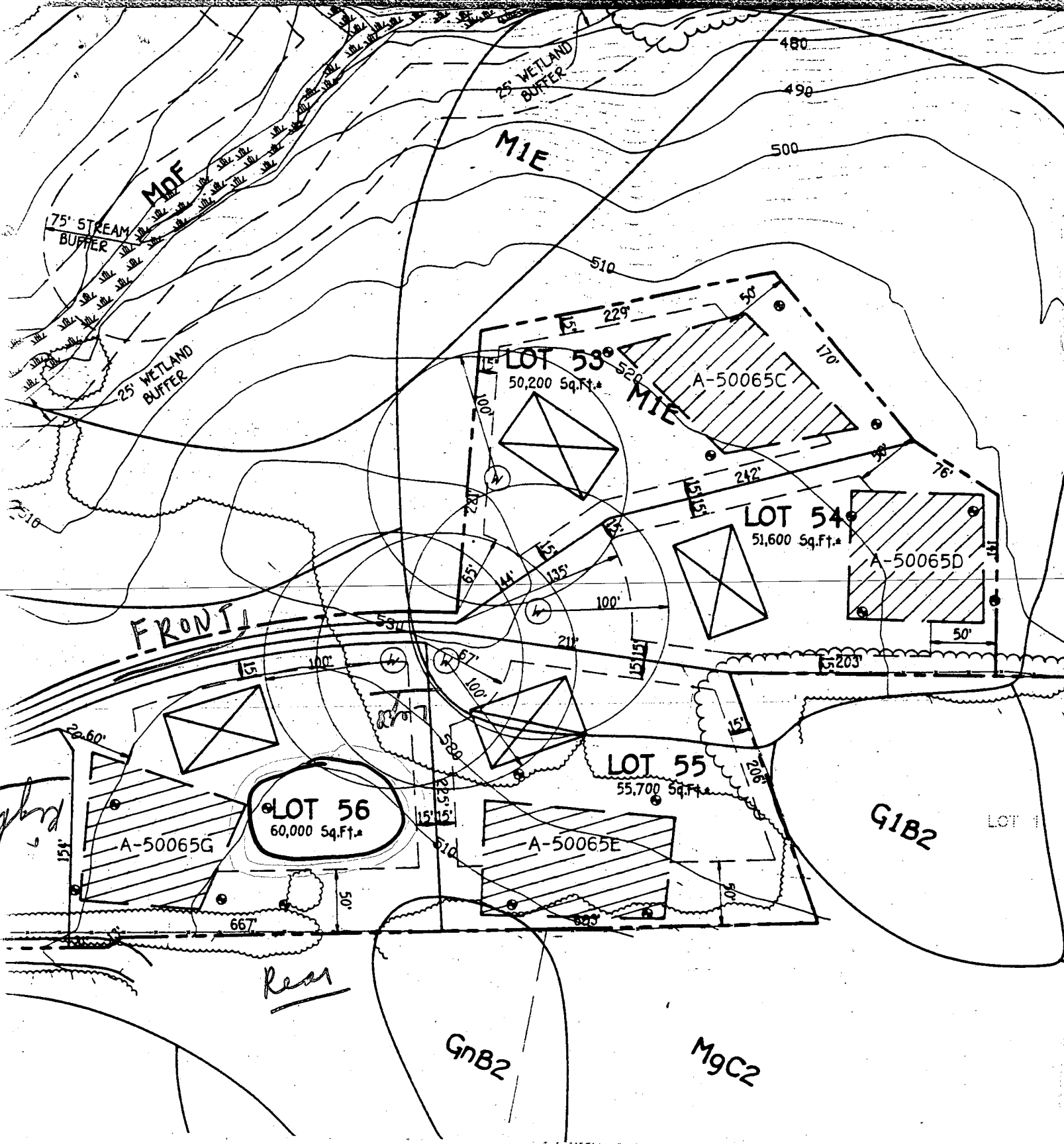
construction will be done according to the plan for sediment and erosion control and in the construction project will have a permit from the Environment Approved equipment and Erosion before beginning

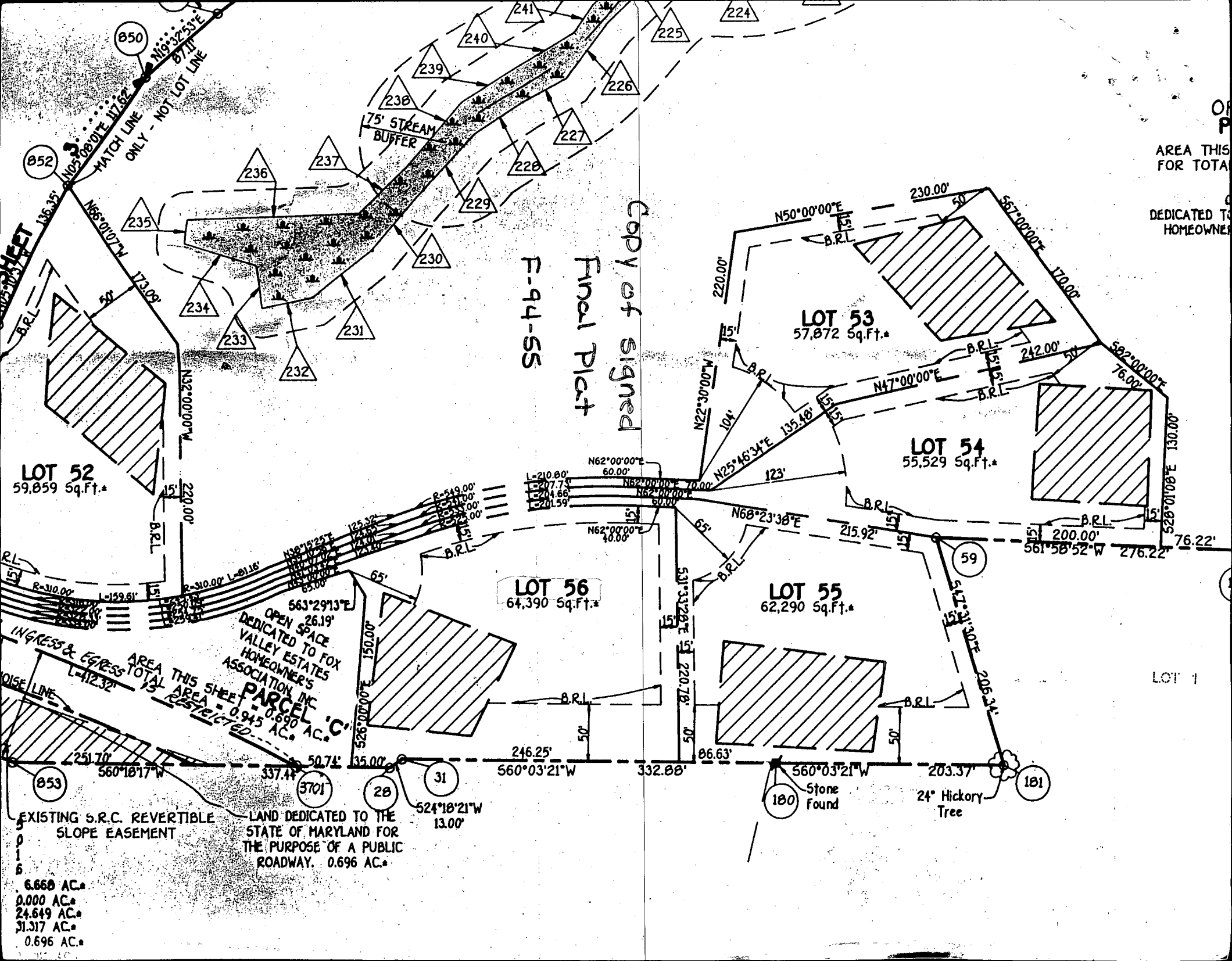
ENGINEER'S CERTIFICATE

Signature

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation







AREA THIS SHEET DEDICATED TO HOMEOWNER'S ASSOCIATION

COPY of signed Final Plat F-94-55

**LOT 52**  
59,859 Sq.Ft.\*

**LOT 53**  
57,872 Sq.Ft.\*

**LOT 54**  
55,529 Sq.Ft.\*

**LOT 56**  
64,390 Sq.Ft.\*

**LOT 55**  
62,290 Sq.Ft.\*

OPEN SPACE 26.19' DEDICATED TO FOX VALLEY ESTATES HOMEOWNER'S ASSOCIATION INC. PARCEL C. 0.690 AC.\*  
 AREA THIS SHEET DEDICATED TO HOMEOWNER'S ASSOCIATION 0.945 AC.\*  
 RESTRICTED

EXISTING S.R.C. REVERTIBLE SLOPE EASEMENT

LAND DEDICATED TO THE STATE OF MARYLAND FOR THE PURPOSE OF A PUBLIC ROADWAY. 0.696 AC.\*

- 6.668 AC.\*
- 0.000 AC.\*
- 24.649 AC.\*
- 31.317 AC.\*
- 0.696 AC.\*

LOT 1

Stone Found 180

24" Hickory Tree 181

F. 03/11

MAR. 21 1997 11:57AM P7

TRA NO.

PHONE NO. : 301 572 9182

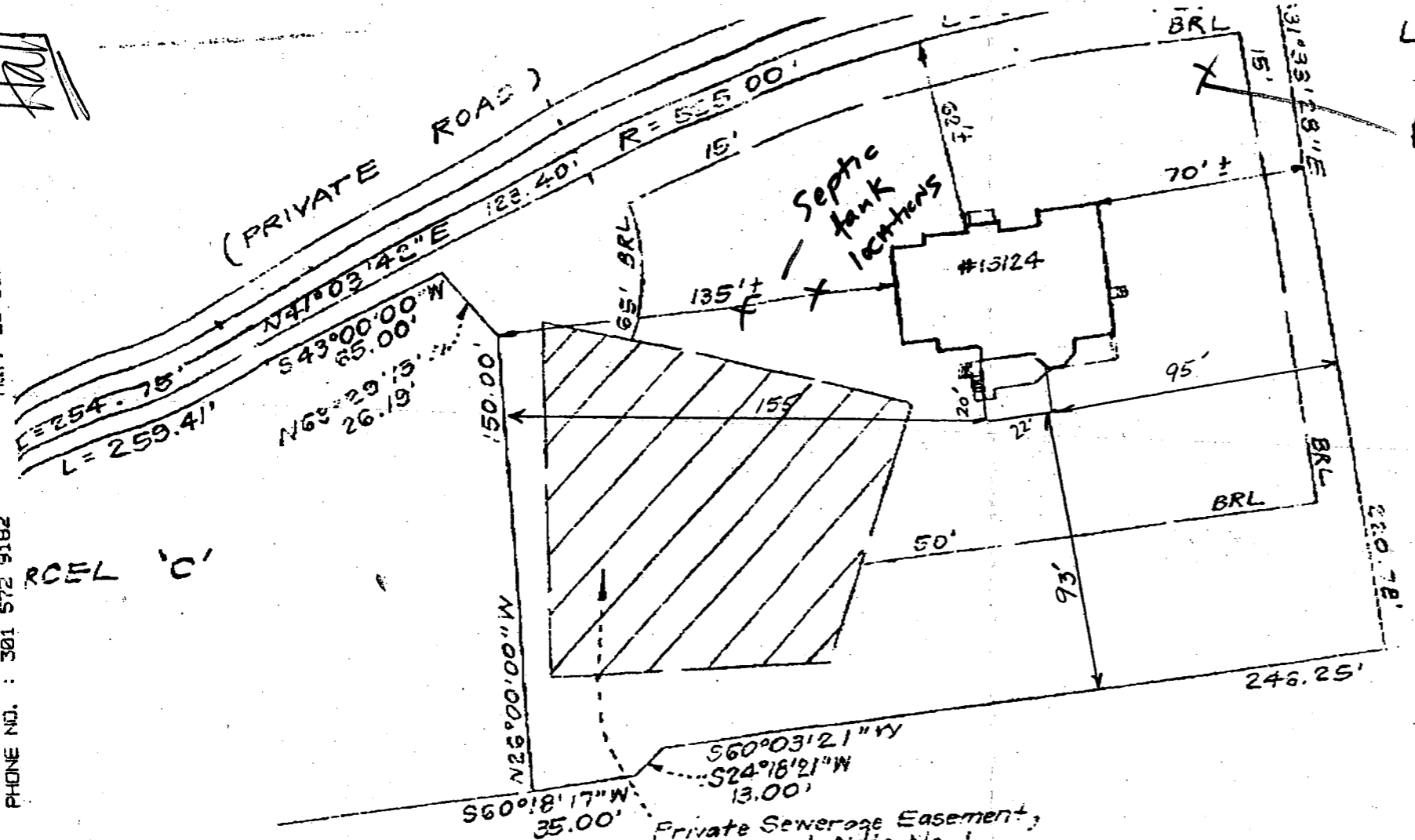
INU 01.03 P11

ELD HOMES

*Handwritten signature*

RCEL '0'

(PRIVATE ROAD)



LOT 55

Approx. well location  
W 50' S 5'

Private Sewerage Easement;  
see General Note No. 1  
Plot No. 11432.

APPROVED

WALK-THRU BUILDING PERMIT

BP# 800154547 A# 50065

APP. SAN Rambert DATE: 6/27/05

DESC. OF WORK: deck

Plot Reference:



CL