

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510606

A ~~50368~~  
50463 E

DISTRICT 4th

DATE 08/07/98

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~X1661688X~~ 410-313-2640

*360524*

DATE SYSTEM APPROVED 9/18/98

INSPECTOR DKS

**INDEXED**

Walter King Plumbing & Heating Contractors, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 5305 King's Court, Frederick, Maryland 21703-6981 PHONE 410-654-0501 <sup>662-6990 Fax</sup> ~~301-473-8576~~

SUBDIVISION Riggs Property LOT 34 ROAD 2008 Meadow Tree Court

PROPERTY OWNER Ryan Homes John + Kim Eaton

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 3 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 170 feet down the right (382.66') lot line and 10 feet off that same lot line. Run trenches along contour towards the left lot line as seen from Meadow Tree Court.

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

PLANS APPROVED BY Glen Savage DATE 6/24/98

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 25/40 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. *Additional deck*

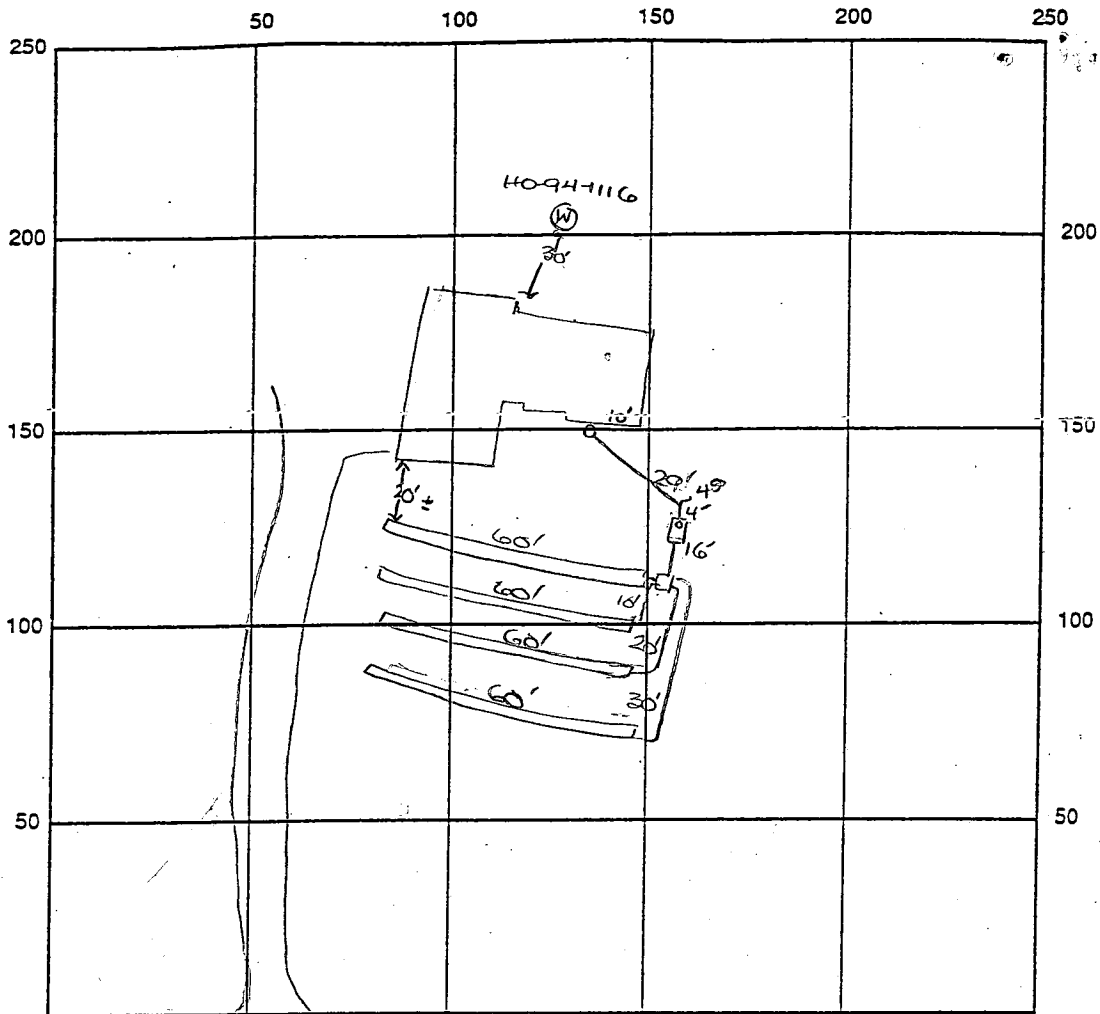
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

**BLDG. PERMIT SIGNED  
AND RETURNED** 12-15-98

*Servant # 270115766*

A 50463 E



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
Meadow Tree Court

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one at house, one on site.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 4 x 60 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: 9/18/98 FINAL INSP - OK TO COVER ALL WORK. DKS

DATE SYSTEM APPROVED 9/18/98 INSPECTOR [Signature]

C1 1301

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

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 05/3/97

Depth of Well 225 (TO NEAREST FOOT)

PERMIT NO. HO-94-1116

OWNER SOC last name Meadowtree Ct. first name TOWN Cooksville Md. SUBDIVISION Reggs Property SECTION LOT 34

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Brown Shale and Gray Mica Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY, NO. OF BAGS 6, NO. OF POUNDS 364.

CASING RECORD: MAIN CASING TYPE ST, Nominal diameter 6, Total depth 225.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole ST, SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED (Y).

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.

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

DRILLERS IDENT. NO. 024, DRILLERS SIGNATURE Joseph L. Mayne

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

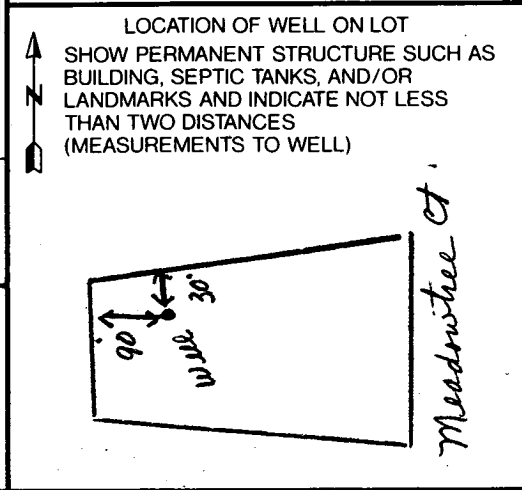
DEPTH (nearest ft.) grid for screen sections 1, 2, 3.

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

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

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 12, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 67, WHEN PUMPING 80.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED S, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH.



# APPLICATION

PERCOLATION TESTING

A 50368

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
PO BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

DISTRICT 4<sup>th</sup>

DATE 9/30/94

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 Analia Riggs c/o SDC Group, Inc. RYAN HOMES

ADDRESS 8480 Baltimore - National Pk  
PO BOX 417, Ellicott City, MD 21041 PHONE (410) 465-6105

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION Riggs Property LOT NO. Grd. 1 34

ROAD AND DESCRIPTION Located @ SW Corner of the intersection of

Roxbury Mill (Rte. 97) & Frederick Rd (Rte 144)

TAX MAP 8814 PARCEL # 96 (2108 MEADOW TREE COURT) BLDG. PERMIT SIGNED AND RETURNED 6-24-98

SIZE OF LOT 55000 ± S.F. TYPE BLDG Single Family Dwelling  
(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. James R. Morley, III V.Pos

(SIGNATURE OF APPLICANT)

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

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

468

brn  
SiCLM

3.0

lgt  
orange  
brown  
SiSalm

50%  
rock  
frag

11.0

489

bright  
red  
SaCLM

4.5

red  
brown  
SaSalm

5-10%  
rock

11.5

467

lgt  
brown  
clay

3.5

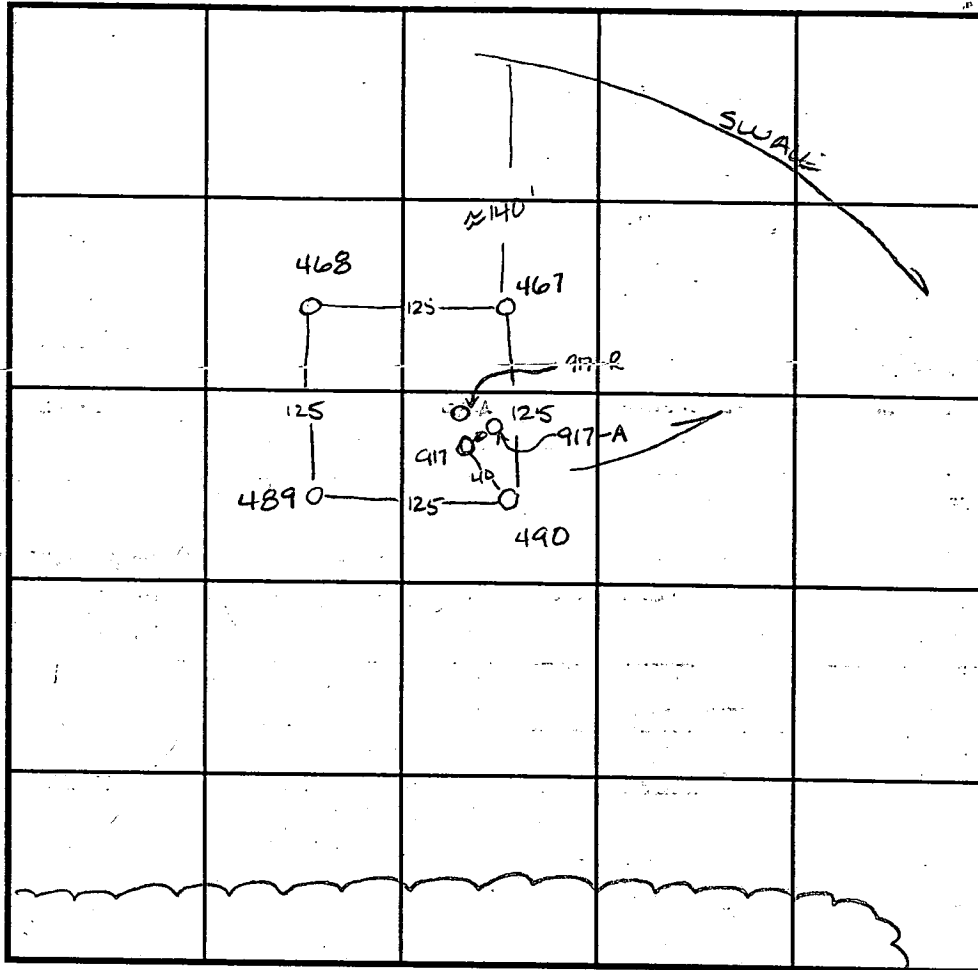
lgt  
orange  
SiLM

4.5

pink  
SiSalm

25%  
rock  
frag

12.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
917-A

yellow  
tan  
SiCLM

3.0

bright  
red  
SiLM  
very  
friable  
angular  
structure

11.0

lgt  
tan  
SaLM

12.0

917-R

dark red  
SiCLM

4.0

red-yellow  
mottled  
Salm  
mottling from  
parent  
rock

12.5

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-2-94	468	4.5 vii.0	9:21	9:22 <sup>15</sup>	9:22 <sup>15</sup>	9:24 <sup>15</sup>	2min
	489	4.5 vii.5	9:10 <sup>15</sup>	9:12	9:12	9:15	3min
	467	4.5 vii.2	8:55	8:56	8:58	8:58	2min
	490	4.5 50% rock at 7'					F
4-25-95	917	Refusal at 3.0					F
	917-A	visual to 12.0 - see profile					OK
2-6-96	917-R	visual to 12.5 - see profile					OK

REMARKS

TYPE OF SOIL

TESTED BY

Amy McMullen

ALSO PRESENT

Clark Sperry

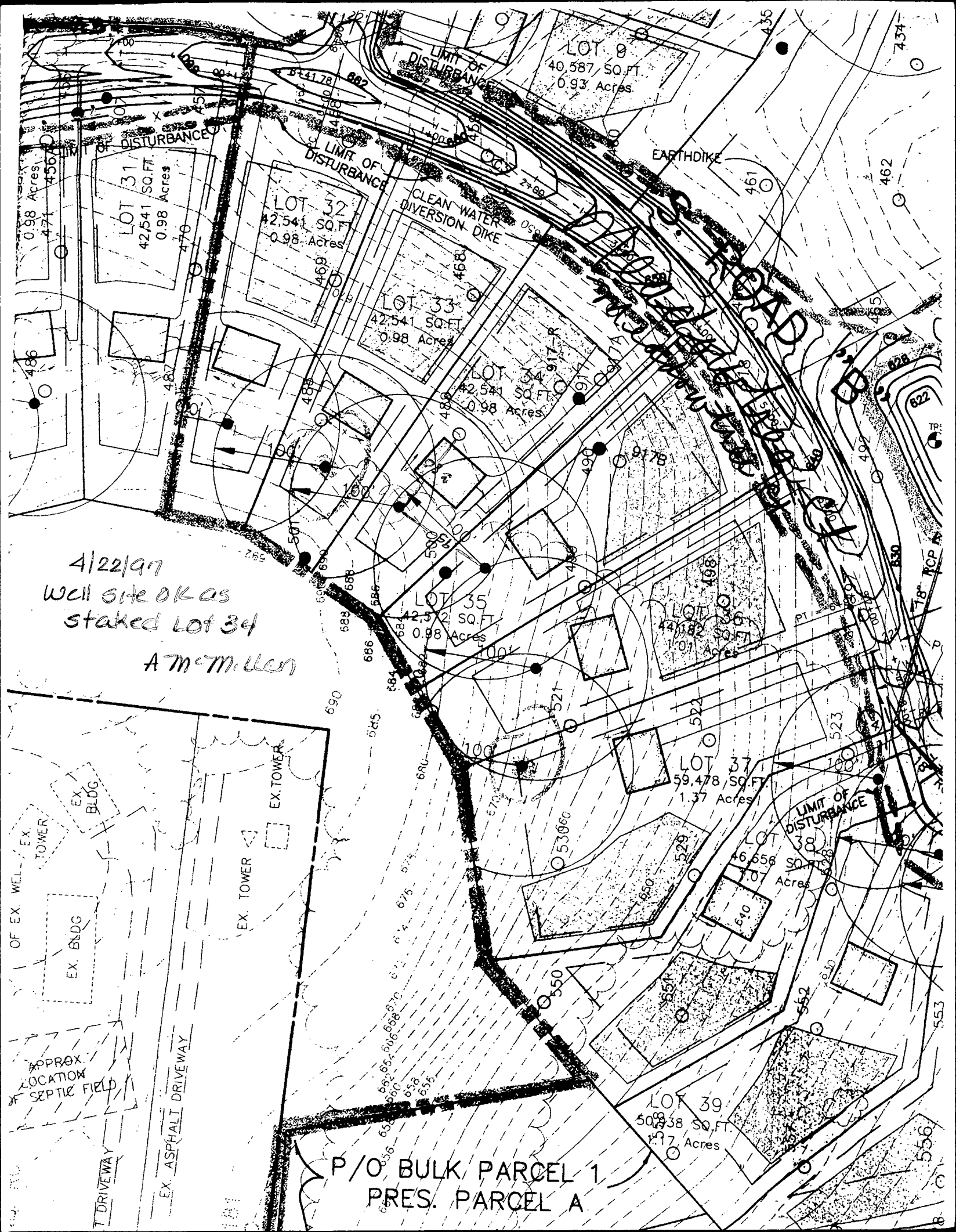
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



4/22/97  
Well site OK as  
staked Lot 34  
A.M. Miller

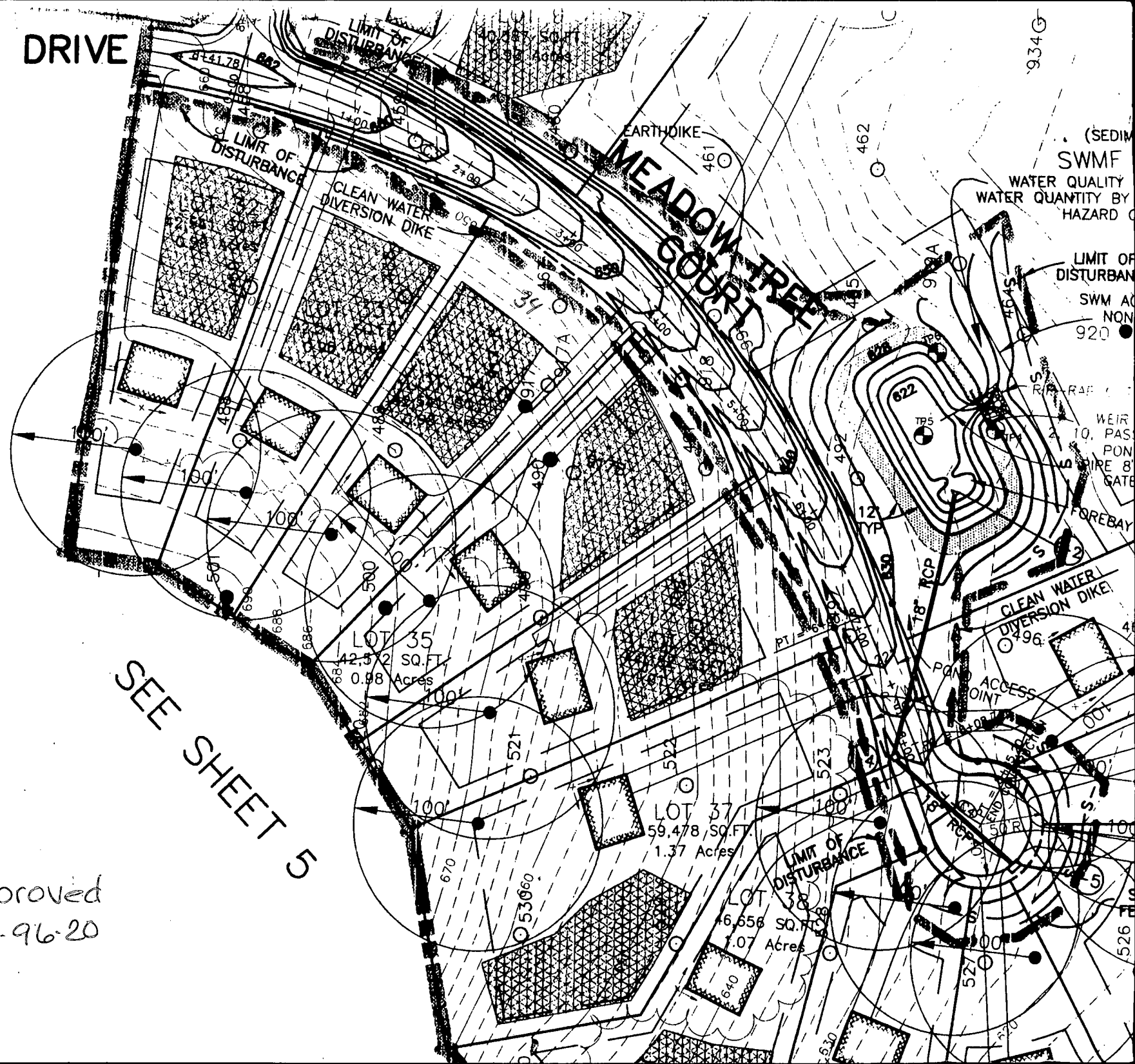
P/O BULK PARCEL 1  
PRES. PARCEL A

# SCENIC DRIVE

MATCH LINE

SEE SHEET 5

Approved  
P-96-20



934G

(SEDIM  
SWMF  
WATER QUALITY  
WATER QUANTITY BY  
HAZARD

LIMIT OF  
DISTURBAN  
SWM AC  
NON  
920 ●

WEIR  
10. PAS  
PON  
PIRE 8"  
GATE

FOREBAY

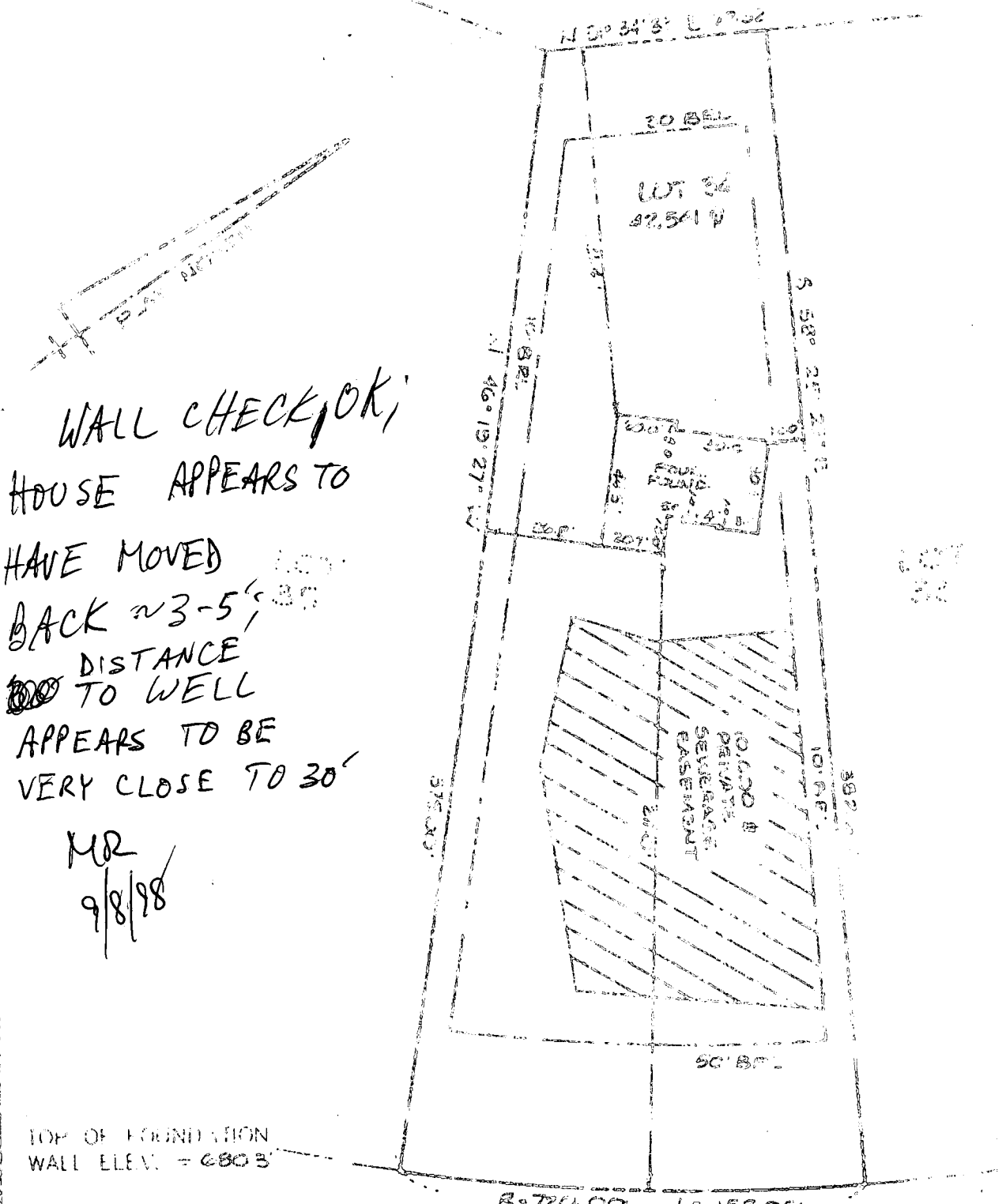
CLEAN WATER  
DIVERSION DIKE

ACCESS  
JOINT

LIMIT OF  
DISTURBANCE

526  
FE

THIS DRAWING IS FOR THE USE OF THE CONVEYOR ONLY AND IS NOT TO BE USED AS A BASIS FOR A LENDER'S FINANCING OR FOR THE ESTABLISHMENT OF DEED LINES OR FOR THE ESTABLISHMENT OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS. THIS DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF DEED LINES OR FOR THE ESTABLISHMENT OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS. THIS DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF DEED LINES OR FOR THE ESTABLISHMENT OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS.



WALL CHECK OK;  
HOUSE APPEARS TO  
HAVE MOVED  
BACK ~3-5'  
DISTANCE  
TO WELL  
APPEARS TO BE  
VERY CLOSE TO 30'

MR  
9/8/98

**SURVEYOR'S CERTIFICATE**  
I HEREBY CERTIFY THAT THE LOCATION DRAWING SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE IMPROVEMENTS HAVE BEEN LOCATED AS THE RESULT OF A FIELD SURVEY, AND THAT THERE ARE NO VISIBLE ENCROACHMENTS UNLESS SHOWN. THE PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA ON THE FEMA FIRM IDENTIFIED BELOW. AT THE WRITTEN REQUEST OF THE PURCHASER, NO PROPER CORNER MARKERS HAVE BEEN SET.

**MEADOW TREE COURT**



**LOCATION DRAWING**  
**RIGGS MEADOW**  
**LOT 34**  
**2008 MEADOW TREE COURT**

DATE OF SURVEY: 7/27/98  
MD. PROJECT # 1000 - SURV FOR #224  
RECORD PLAT NO. 12963  
FEMA FIRM No 240741 0008B  
DATED NOVEMBER 4, 1986

**TSA GROUP, INC.**  
planning • architecture • engineering • surveying  
800 BALTIMORE NATIONAL PIKE SUITE 418  
16111 17100, MARYLAND 21043  
(410) 455-1123

4<sup>th</sup> ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' DATE: 7-27-98



