

12-96  
C.O.  
A.M.

Tax ID - 04-357973

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57267C

A 41076A

DISTRICT 4th

DATE 9/11/96

DATE SYSTEM APPROVED 11/13/96

INSPECTOR ALM

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-XXXX~~ 313-2640

INDEXED

Olen Ketterman IS PERMITTED TO INSTALL X ALTER       

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Wellington Sec. III LOT 66 ROAD 2896 Hunt Valley Drive

PROPERTY OWNER Chris & Ann Contney

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

OLD PERMIT SIGNED  
AND RETURNED 2/7/97  
Serial # B0103915  
500 gal propane tank

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 190 feet up the left lot line and 50 feet off this same lot line. Run trenches on contour to front of lot. First system required layout; first trench 65 feet, second trench 70 feet, third trench 75 feet, fourth trench 90 feet.

NOTE - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MR

PLANS APPROVED BY Mark Rifkin/Amy McMillen DATE 08/29/96

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.

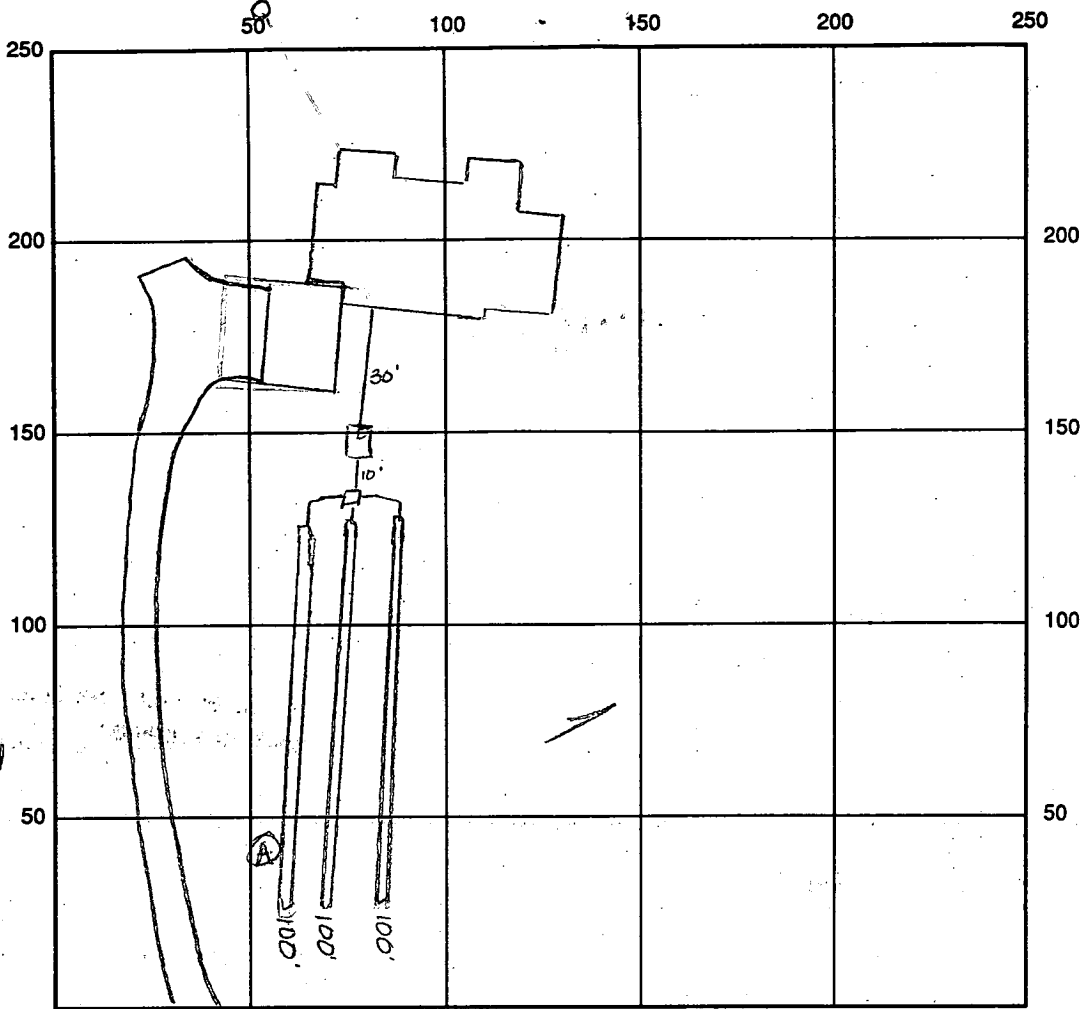
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

OLD PERMIT SIGNED  
AND RETURNED 02/6/97  
Serial # B01103913-deck

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

A  
41076A

HO 94 0908



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

(A)  
 Test to  
 12.0 top  
 4-5' clay w/  
 20-30%  
 rock  
 lgt grey to  
 tan silt  
 to bottom

SEPTIC TANK LEVEL OK 1500 gal 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 300 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 11/13/96 OK to continue - OK to cover final All

11/15/96 well line, P.A. 4'2" below grade well casing 1'4" above grade. Two-piece cap installed. OK to cover work. JS

DATE SYSTEM APPROVED 11/13/96 INSPECTOR A. McMillan

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

DISTRICT \_\_\_\_\_

DATE 12-30-94

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 DAVE & CHRIS CONTNEY  
SECURITY DEVELOPMENT CORP. (STEWART YOUNG)

ADDRESS P.O. Box 417 ELLICOTT CITY MD. 21041 PHONE (410) 465-4244

AGENT OR PROSPECTIVE BUYER SECURITY DEVELOPMENT CORP.

ADDRESS P.O. Box 417 ELLICOTT CITY MD. 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION WELLINGTON 2 LOT NO. 52

ROAD AND DESCRIPTION 2896 HUNT VALLEY DRIVE

TAX MAP 14 & 21 PARCEL # 73 & 74

SIZE OF LOT 1.5 AC. ± TYPE BLDG. SINGLE FAMILY DWELLING  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED  
AND RETURNED

8/29/94  
Submitt # BM101676  
5 Bms -

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.

[Signature]  
(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

COUNTY #

SOIL PROFILE

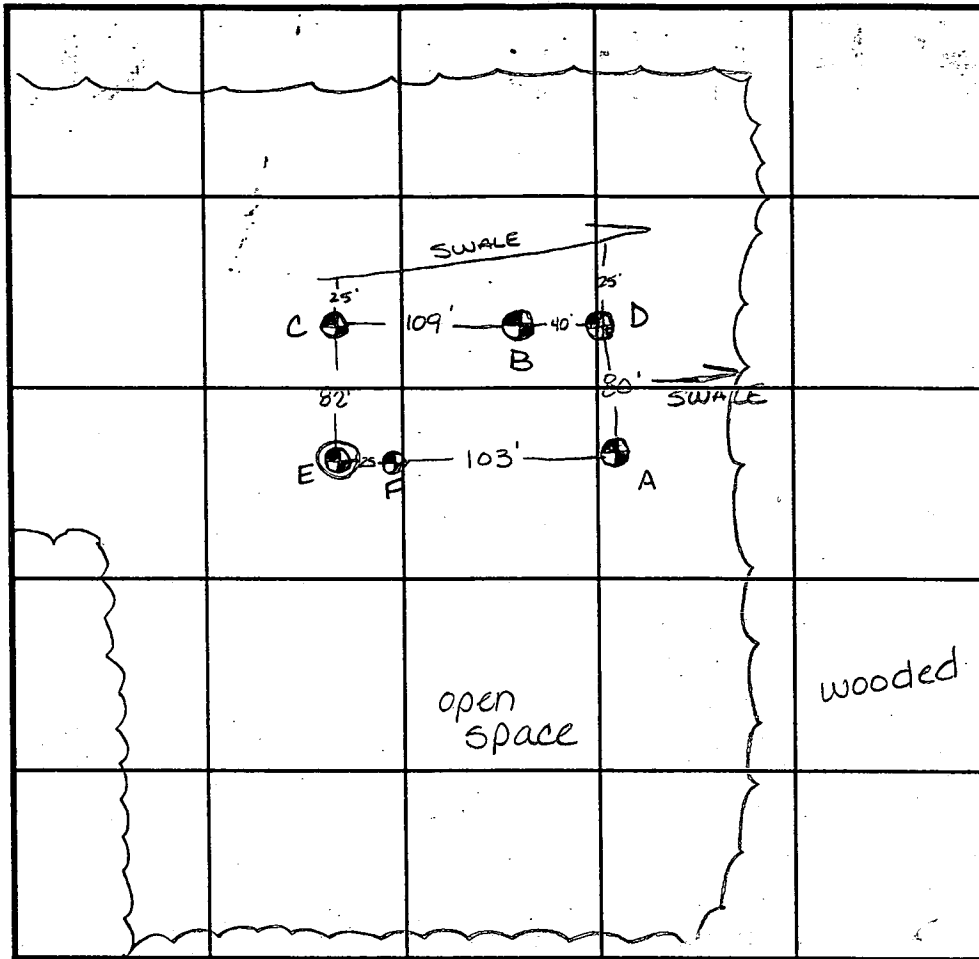
0' A, F  
reddish  
brn  
SiClM  
4'  
lgt tan  
yellow  
Salm  
pockets  
of white  
decayed  
quartz  
(now  
sand)  
12'

B

orange  
beigh  
SiClM  
5'  
lgt white  
tan  
sand  
5%  
decayed  
quartz/  
schist  
12'

C

bright  
orange  
red  
SiClM  
5'  
lgt red  
Salm  
7.5'  
lgt grey  
to white  
sand  
< 5%  
rock  
frag  
12.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' D  
beigh  
3aClM  
5.5'  
lgt yellow  
sand  
8'  
brn  
Salm  
11'  
evidence  
of water  
at 11'  
mottled  
white;  
brown  
sand  
11.5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-15-95	A	5.5' / V12'	10:05 <sup>15</sup>	10:06 <sup>30</sup>	10:06 <sup>30</sup>	10:08 <sup>30</sup>	2min
	B	6' / V12'	10:25	10:30 <sup>45</sup>	10:30 <sup>45</sup>	10:39	8 1/4 min
	C	5.5' / V12.5'	10:17	10:18	10:18	10:19 <sup>15</sup>	1 1/4 min
	C	repour	10:19 <sup>45</sup>	10:22	10:22	10:24	2min
	D	Visual to 11.5'					OK
	E	Hard bottom at 4'					F
	F	5.5' / V12'	10:44	10:48	10:48	10:56	8min

REMARKS

TYPE OF SOIL Manor loam

TESTED BY Amy McMillen

ALSO PRESENT Clark Sperry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8min TRENCH WIDTH 3

INLET DEPTH 4.5' MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 210 ft<sup>2</sup>

CONSTR BY Residence WF-66

PRESERVATION PARCEL A

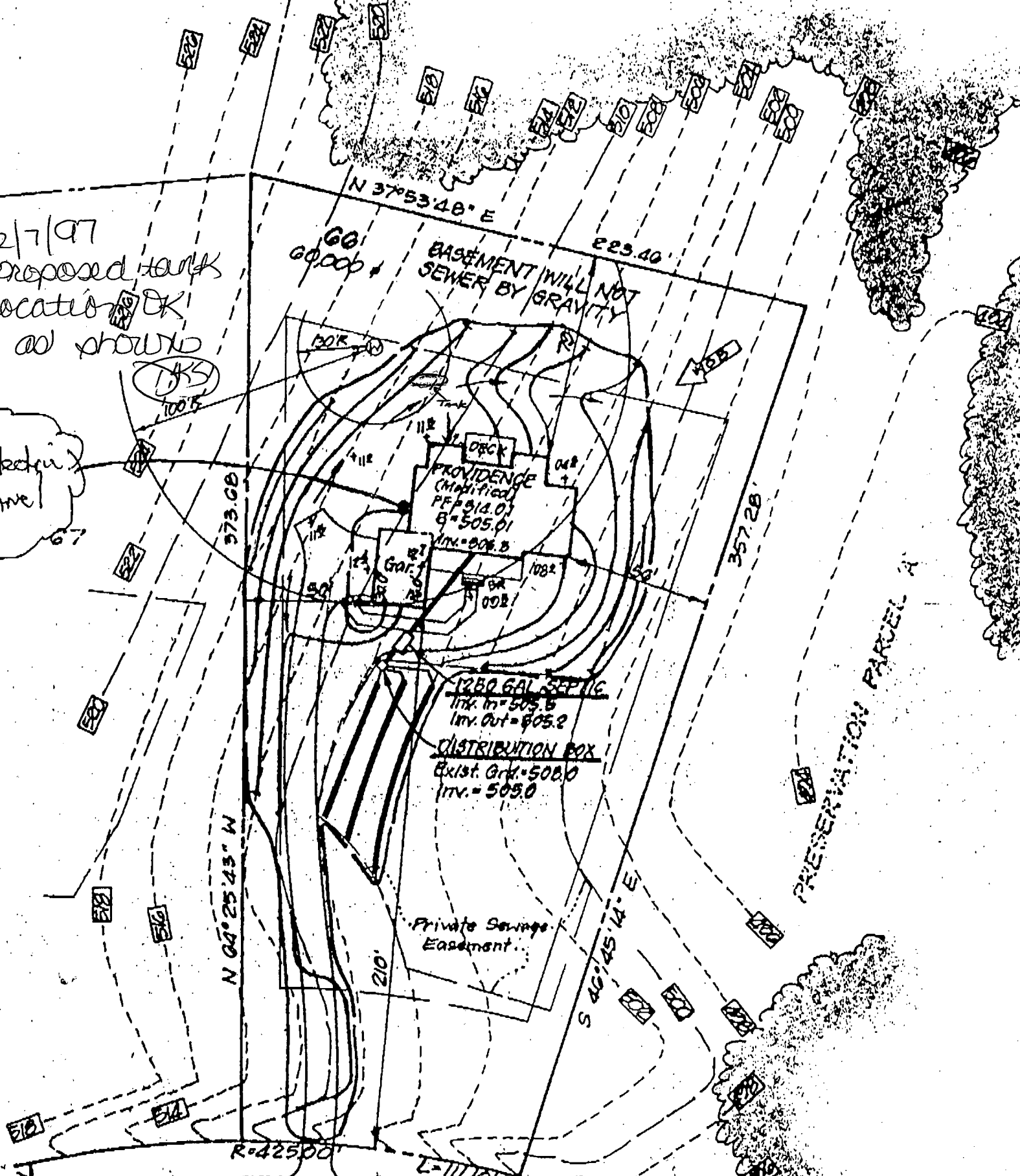
68

2/7/97  
Proposed tank  
location OK  
as shown

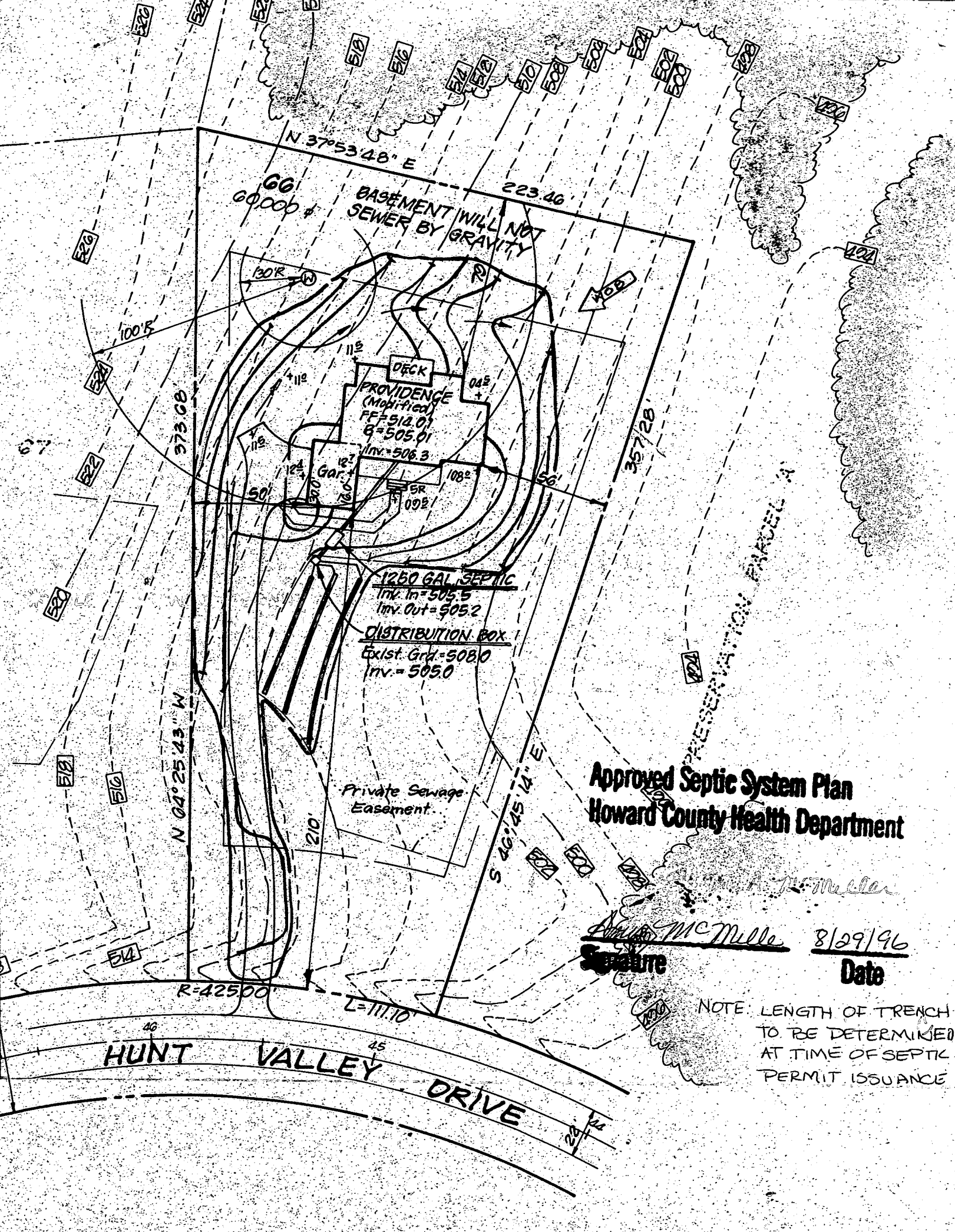
(DKS)  
100.5

Electric  
Ave

67



PRESERVATION PARCEL A



**Approved Septic System Plan  
Howard County Health Department**

*McMulle*  
*McMulle*  
**Signature**      **8/29/96**  
**Date**

NOTE: LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE

# SECTION 2/1

*copy of used copy of plat*

**LOT 69**  
68,923 S.F.  
OR 1.582 AC.

**LOT 68**  
67,499 S.F.  
OR 1.550 AC.

**LOT 67**  
59,895 S.F.  
OR 1.375 AC.

**LOT 66**  
60,000 S.F.  
OR 1.377 AC.

**LOT 70**  
59,959 S.F.  
OR 1.376 AC.

**LOT 71**  
59,977 S.F.  
OR 1.377 AC.

11,098 S.F.  
OR 0.255 AC.

13,538 S.F.  
OR 0.311 AC.

**LOT 80**  
59,565 S.F.  
OR 1.367 AC.

**LOT 81**  
59,842 S.F.  
OR 1.377 AC.

RESERVATION PARCEL "H"  
PURPOSE OF SWMF

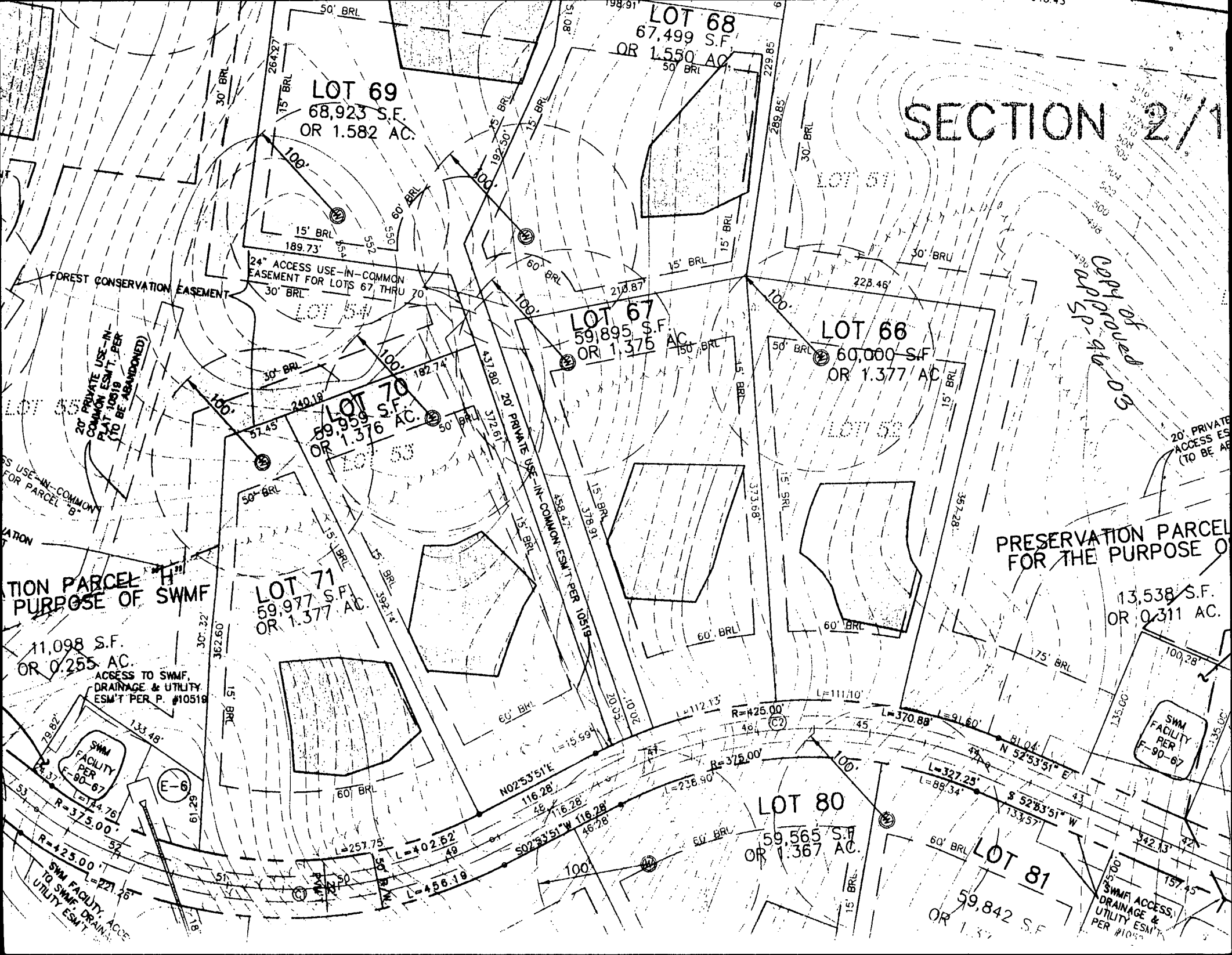
PRESERVATION PARCEL  
FOR THE PURPOSE OF

ACCESS TO SWMF,  
DRAINAGE & UTILITY  
ESMT PER P. #10519

SWMF ACCESS,  
DRAINAGE &  
UTILITY ESMT  
PER #10519

SWMF FACILITY, ACCESS  
TO SWMF, DRAINAGE  
& UTILITY ESMT

SWMF FACILITY  
PER  
F-90-67



LOT 68

LOT 67

PRESERVATION

PARCEL #A

N37°53'48"E

373.68'

LOT 66  
60,000 sq ft  
or 1.377 AC.

223.46'

357.28'

15' BRL

50'

80'±

BRL

15' BRL

#2896

14x12

49'±

57'±

2/6/17  
Proposed deck  
location OK  
as shown.

(DKS)

Private Sewage Eas  
See General Note No.  
Plat 12205

N64°25'43"W

60' BRL

S46°45'19"E

R=425.00'

L=111.10'

HUNT

VALLEY

DRIVE  
(50' R/W PUBLIC ROAD)

C1 7812 SEQUENCE NO. (MDE 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 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER A41076-A

ST/CO USE ONLY DATE RECEIVED: 082996  
 DATE WELL COMPLETED: 082696  
 Depth of Well: 2265 (TO NEAREST FOOT)  
 PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-94-0908

OWNER: SELFRIDGE BUILDERS  
 STREET OR RFD: HUNT VALLEY DRIVE TOWN: GLENWOOD  
 SUBDIVISION: WELLINGTON SECTION: II LOT: 66

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	
Sandy	2	35	✓
Sand Stone	35	40	
MICA	40	65	✓
Sand Stone	65	20	
MICA	20	265	

GROUTING RECORD  
 WELL HAS BEEN GROUTED: (Y) (N)  
 TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT (CM) BENTONITE CLAY (BC)  
 NO. OF BAGS: 12 NO. OF POUNDS: 1200  
 GALLONS OF WATER: 72  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 30 ft.

CASING RECORD  
 MAIN CASING TYPE: PL 6 45  
 Nominal diameter top (main) casing (nearest inch): 6  
 Total depth of main casing (nearest foot): 45

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

SCREEN RECORD  
 screen type or open hole: (ST) (BR) (HO) (PL) (OT)  
 STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0  
 WELL HYDROFRACTURED: (Y) (N)

CIRCLE APPROPRIATE LETTER  
 A 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 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.

TYPE: MWD(MSD)MGD  
 DRILLERS LIC. NO. 116  
 Driller Signature: *Ralph Mayne*

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. 117  
 Driller Signature: *Ralph Mayne*

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

DEPTH (nearest ft.): 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: 56 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)  
 T (E.R.O.S.) W Q  
 70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3  
 PUMPING TEST  
 HOURS PUMPED (nearest hour): 3  
 PUMPING RATE (gal. per min.): 7.5  
 METHOD USED TO MEASURE PUMPING RATE: Bucket  
 WATER LEVEL (distance from land surface):  
 BEFORE PUMPING: 14 ft.  
 WHEN PUMPING: 35 ft.  
 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) (NO)  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  
 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 (circle appropriate box and enter casing height):  
 (+) above LAND SURFACE (nearest foot):  
 (-) below

