

9/7/00  
10:00  
(tank set)  
9/8/00 - Septic & WPT  
Late pm

# PERMIT

SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

P 514225

A 57659-G

ISSUE DATE 9-5-00

APPROVAL DATE 9/8/00

INDEXED  
05-429943

Hatfield's Equipment IS PERMITTED TO INSTALL X ALTER     

ADDRESS 13785 Burntwoods Road Glenelg, MD 21737 PHONE (301) 854-6172

SUBDIVISION Hunterbrooke LOT NUMBER 7 ADDRESS 8112 Huntfield Drive

PROPERTY OWNER August GHESSIE Winchester Homes, Inc. PROPERTY OWNER'S ADDRESS 6305 Ivy Lane

SEPTIC TANK CAPACITY 1250 GALLONS - TOP SEAMED, COMPARTMENTED REQUIRED

PUMP CHAMBER CAPACITY N/A GALLONS - WASTEWATER EFFLUENT FILTER REQUIRED

NUMBER OF BEDROOMS 4

SQUARE FEET PER BEDROOM 210

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES: Trenches to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. 2.0 feet of stone below distribution box.

LOCATION: Begin trenches 135 feet up the right lot line and 35 feet off that same lot line as seen when facing the lot from Hunter Drive. Run trenches on contour toward the rear lot line (rear of lot)

- KEEP TRENCHES TO EDGE TO EDGE TO CONSERVE SEPTIC EASEMENT -  
- CONTRACTOR TO CALL FOR TRENCH LAYOUT INSPECTION TO DISCUSS IN FIELD BEST SEPTIC AREA UTILIZATION -

PLANS APPROVED Amy Mc Millen DATE 5-15-00

PERMIT VOID AFTER 2 YEARS OK Steven R. Krieg 5-17-00

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

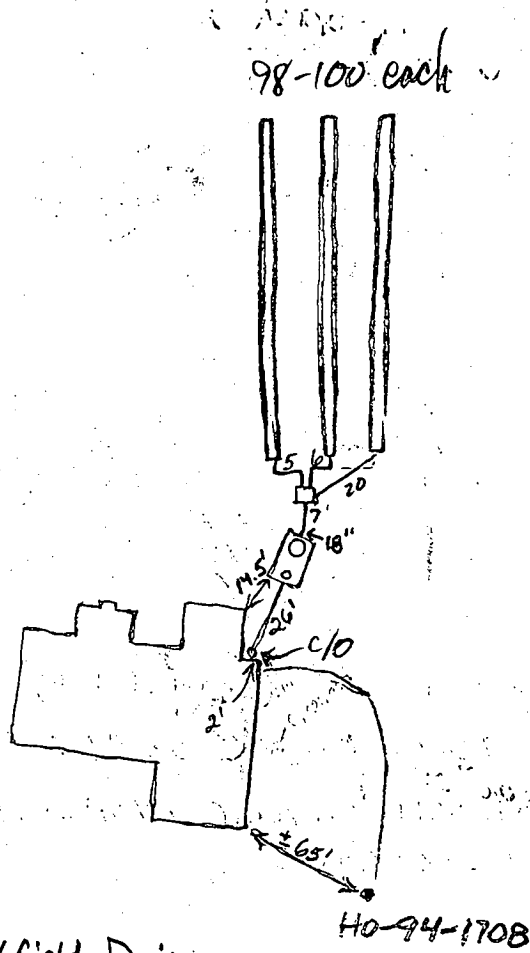
NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

LOG. PERMIT ~~BOOK~~  
AND RETURNED 7/3/01  
800130033 - deck

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A 57659-G

NOT TO SCALE



Huntfield Drive

HO-94-1708

**TRENCH DATA**

TRENCH WIDTH 3.0'  
 TRENCH INLET DEPTH 4.0  
 TRENCH BOTTOM DEPTH 6.0  
 DEPTH OF STONE 2.0  
 NUMBER OF TRENCHES 3  
 TOTAL TRENCH LENGTH 295  
 ABSORBENT AREA 885  
 DISTRIBUTION BOX LEVEL OK  
 BAFFLE IN DISTRIBUTION BOX

**SEPTIC TANK DATA**

SEPTIC TANK 1500 TS GALLONS  
 MANHOLE RISER Yes  
 6 INCH INSPECTION PORT Yes

~~**PUMP CHAMBER DATA**~~ N/A

~~PUMP CHAMBER GALLONS \_\_\_\_\_~~  
~~MANHOLE RISER \_\_\_\_\_~~  
~~ALARM \_\_\_\_\_~~  
~~PUMP PERFORMANCE TEST \_\_\_\_\_~~

PRE-CONSTRUCTION INSPECTION: SDA is fairly level grade. Should be able to set tank and lines as per BP plan - because of actual Plumbing to not get - There is a full bathroom in Basement. 9/6/00 OK to proceed

INSPECTION COMMENTS: 9/7/00 House connection made. Tank looks O.K. First trench 90% done - to leave end open. To install 3-93' trenches that are 12' center to center (BB)

9/8/00 OK TO FINISH + COVER (MR)

INSPECTOR M. Rifkin

DATE SYSTEM APPROVED 9/8/00

10/11 Forked TO STAVE  
H10 313 2648

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: EASTERDAY WELL & PUMP Telephone #: 301-831-5170  
Address: 9265 BROWN CHURCH RD  
MT. AIRY, MD. 21771  
301-831-5170

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:  
Name (Print): Lester Simmons Jr License# AWD011

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Winchester Homes Telephone #: 301 362 9116  
Subdivision: Huntbrook Lot #: 7 Well Tag #: HC-94-1708  
Site Address: 8112 Huntfield Dr.

Submersible Pump Data

Make: Grundfos  
Model #: 5 GSO7422  
Pump Capacity: 5 GPM  
Well Yield: 1.5 GPM

Pitless Adapter

Make: Madison  
Model #: B-10X  
Depth: 3 1/2 (36" min)  
NSF approved:     

Well Cap and Electric Conduit

Two piece watertight cap:       
Screened, vented well cap:       
Cap secured to casing: Yes  
Conduit min 1 1/2" B.G.: Yes  
Conduit secured to well cap: Yes

Depth of well encountered at time of pump installation: 400 (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt Attached to PA

Piping to house

Type: PE  
PSI: 80 (160 psi min)  
Depth of supply line: 3 1/2 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: Yes  
Approximate length of sleeve: 5ft  
Sleeve caulked and sealed properly: Yes

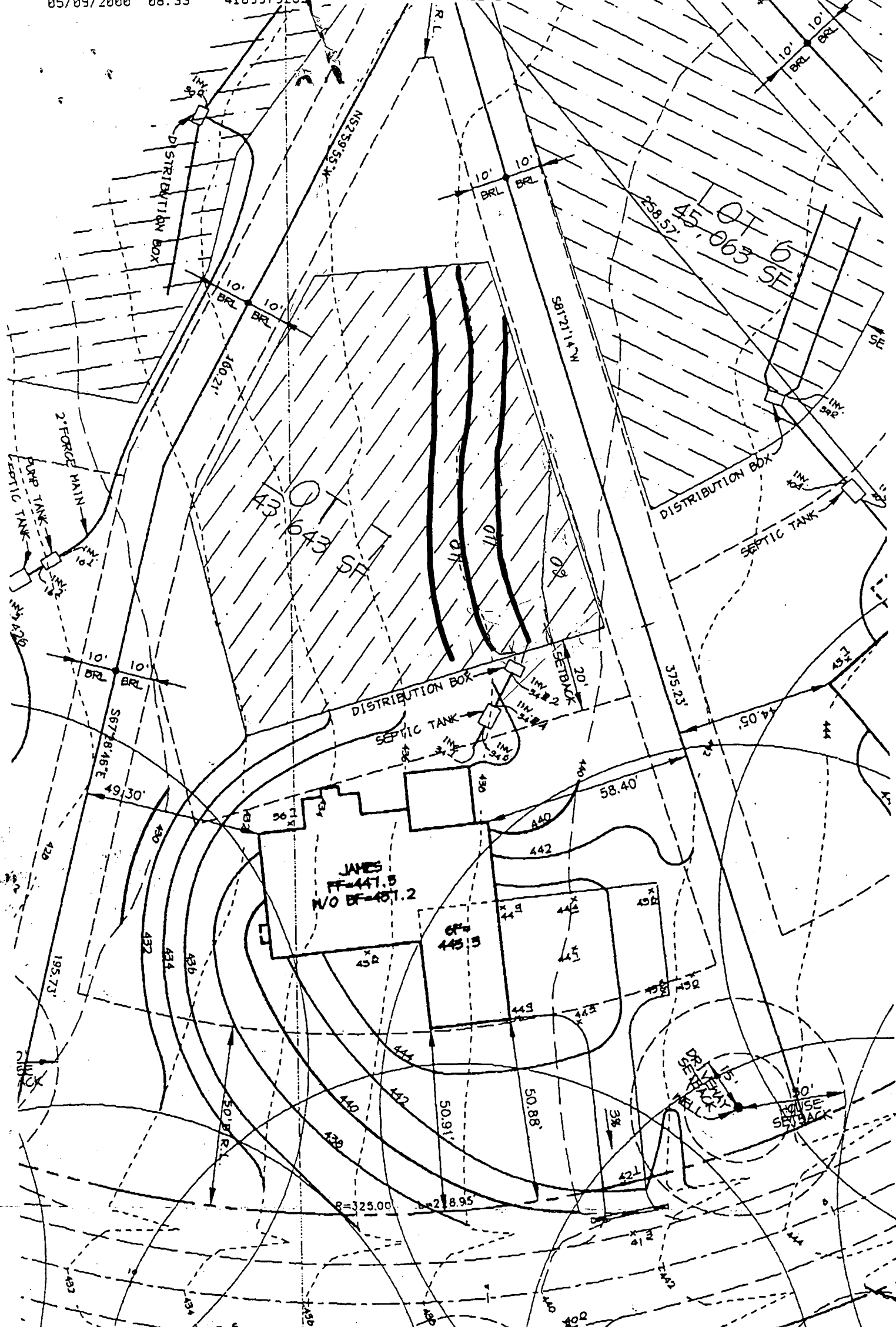
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Lester Simmons Jr Signature of company representative responsible for installation  
9/8/00 date

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 9/8/00 Date Insp. Approved: 9/8/00  
Inspection Data: Pitless adapter and water supply line at least 36" below grade       
Two piece cap installed and attached to casing securely       
Elec. conduit extends at least 18" below grade/attached to cap properly       
Safety rope installed inside of well casing       
Correct well tag attached properly and casing 8" above finished grade       
Water supply line sleeved adequately at house connection       
Adequate grout observed below pitless adapter     

MR SRK



**Total linear feet of trench required** **280 feet**

Depth **3.0**

Depth of stone required below distribution pipes **2.0 feet**

Approved Septic System Plan  
 Howard County Health Department

*[Signature]* 5/15/00  
 Signature Date

# APPLICATION

## PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

DISTRICT 5th  
DATE 1-31-97  
1-29-97

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 Edward Robert Prince

ADDRESS P.O. Box 381, Fulton, MD 20759-0381 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Winchester Homes & David Meiners

ADDRESS 6305 Ivy Lane Ste 700 Greenbelt Md 20770 PHONE 301-489-1205

PROPERTY LOCATION:

SUBDIVISION PRINCE PROPERTY LOT NO. 1, 8

ROAD AND DESCRIPTION Common driveway off Lime Keln Rd 300' from Rt 216

TAX MAP 46 PARCEL # 360 & p/o 344

SIZE OF LOT 1 acre TYPE BLDG. Single Family  
(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.

David E. Meiners  
(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 52

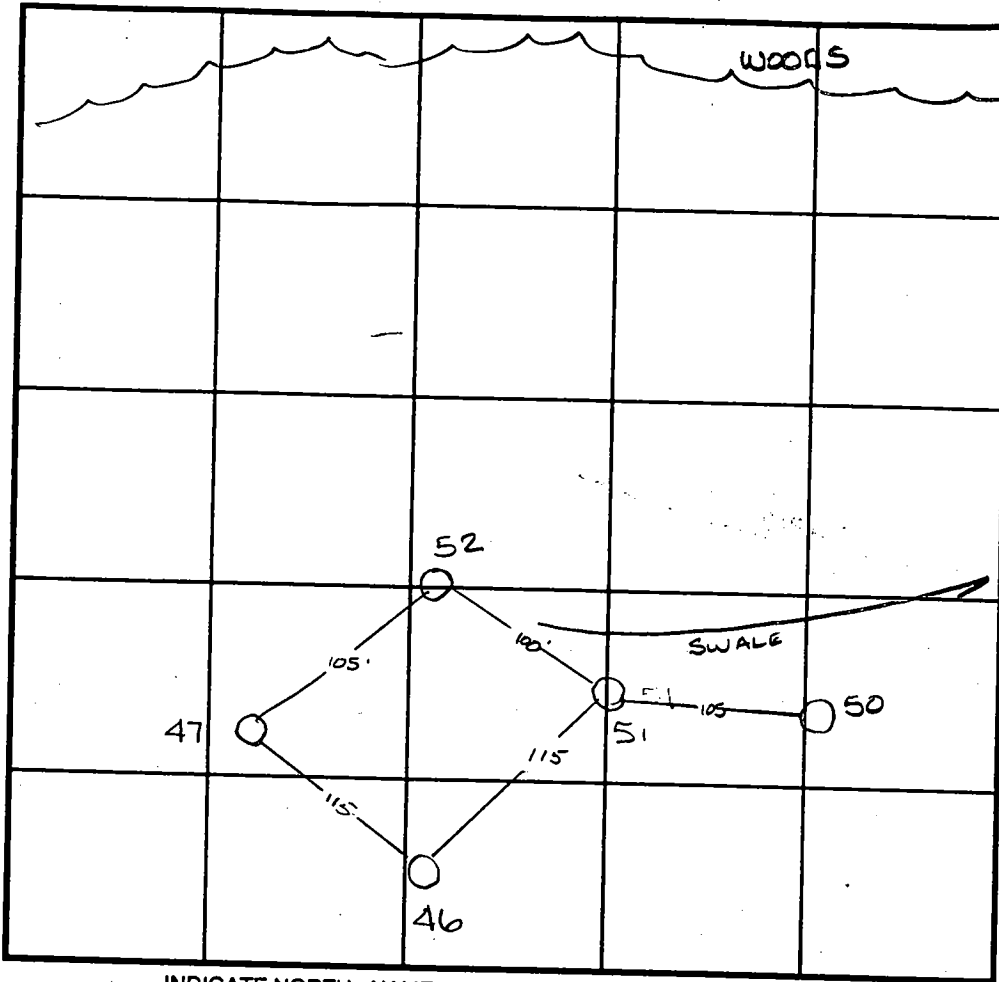
0' dull yellow brown heavy cilm  
3.0 red br Salm w packets of Sa cilm micaceous  
12.0

46

5.0 orange Sa cilm micaceous  
1gt orange tan Si Salm micaceous 10% micaceous Rx  
11.5

47, 50

5.0 bright orange red Si cilm micaceous  
bright pink Si Salm micaceous 10% micaceous Shale  
12.0



SOIL PROFILE 51

0' like 47 but 30% shale  
12.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4-29-97	52	6.5 / V12.0	11:54	12:02 <sup>30</sup>	12:02 <sup>30</sup>	12:10	7 1/2 min	
5-7-97	46	6.0 / V11.5	11:52 <sup>30</sup>	11:53 <sup>30</sup>	11:53 <sup>30</sup>	11:55	1 1/2 min	
	47	9.5 / V12.0	11:09 <sup>30</sup>	11:11 <sup>30</sup>	11:11 <sup>30</sup>	11:16	4 1/2 min	
	51	6.5 / V12.5	11:16	11:30	11:30	11:50	20 min	
	50	Visual to 13.0'	- water at 12.5' -					
		See profile						OK

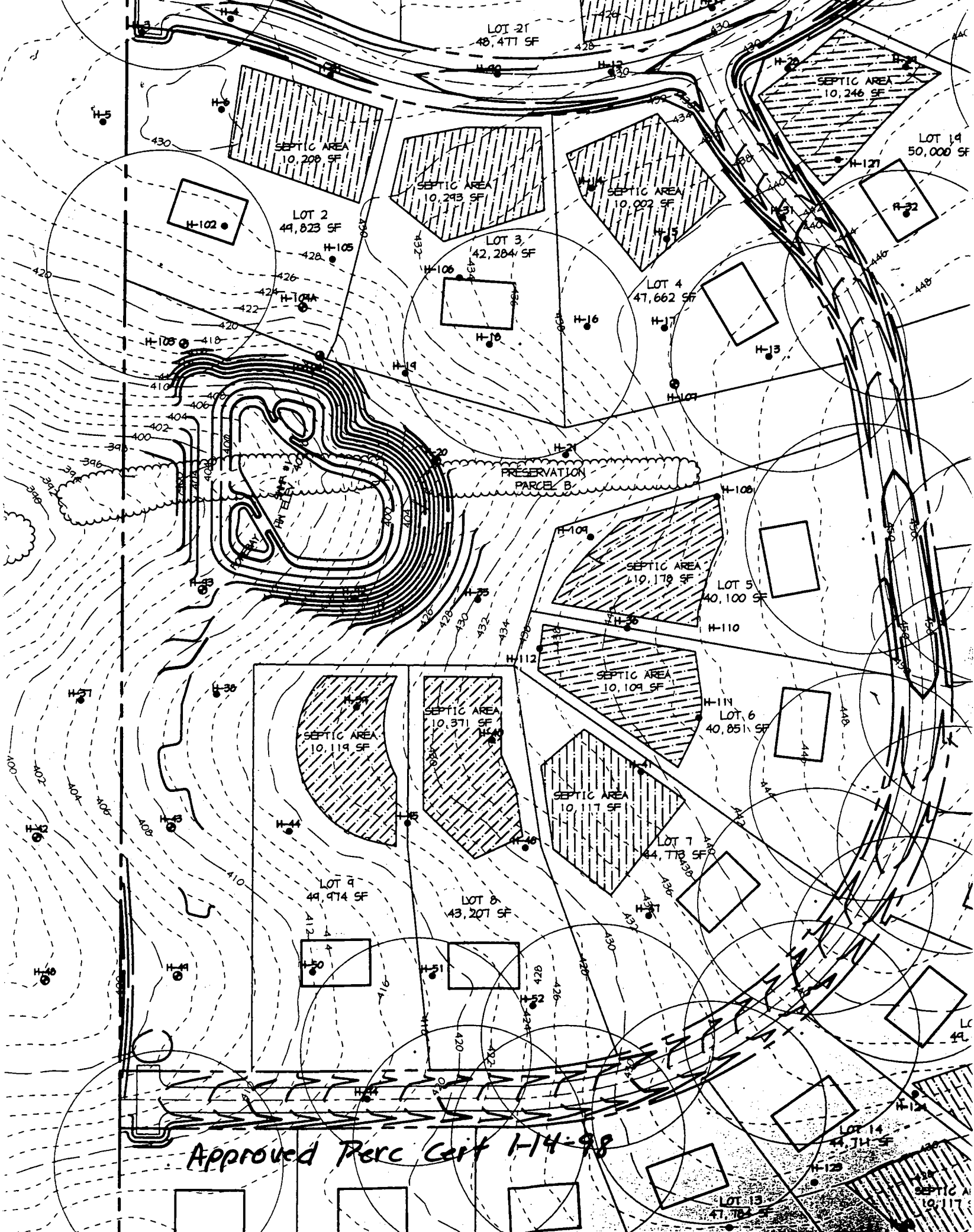
REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_



Approved Perc Cert 1-14-98



Y OF  
PRINCE  
OF  
S

*Revised Perc Cert  
11-2-98*



SWMF #1

PRESERVATION

LOT 5

SEPTIC AREA  
10163 SF

SEPTIC AREA  
10109 SF

LOT 6

SEPTIC AREA  
10119 SF

LOT 9

SEPTIC AREA  
10371 SF

LOT 8

SEPTIC AREA  
10117 SF

LOT 13

SEPTIC AREA  
10514 SF

LOT 10

LOT 11

LOT 12

LOT 14

LOT 15

LOT 16

LOT 17

HUNFIELD DRIVE

H-115

H-116

H-117

H-118

H-119

H-120

H-121

H-122

H-123

H-124

H-125

H-74

H-75

H-82

H-83

H-84

H-100

H-101

H-75

H-112

H-86

H-34

H-40

H-41

H-46

H-47

H-51

H-52

H-50

H-82

H-83

H-84

H-85

H-86

H-87

H-88

H-89

H-90

H-91

H-92

H-93

H-94

H-95

H-96

H-97

H-98

H-99

H-100

H-101

H-102

H-103

H-104

H-105

H-106

H-107

H-108

H-109

H-110

H-111

H-112

H-113

H-114

H-115

H-116

H-117

H-118

H-119

H-120

H-121

H-122

H-123

H-124

H-125

H-126

H-127

H-128

H-129

H-130

H-131

H-132

H-133

H-134

H-135

H-136

H-137

H-138

H-139

H-140

H-141

H-142

H-143

H-144

H-145

H-146

H-147

H-148

H-149

H-150

H-151

H-152

H-153

H-154

H-155

H-156

H-157

H-158

H-159

H-160

H-161

H-162

H-163

H-164

H-165

H-166

H-167

H-168

H-169

H-170

H-171

H-172

H-173

H-174

H-175

H-176

H-177

H-178

H-179

H-180

H-181

H-182

H-183

H-184

H-185

H-186

H-187

H-188

H-189

H-190

H-191

H-192

H-193

H-194

H-195

H-196

H-197

H-198

H-199

H-200

H-201

H-202

H-203

H-204

H-205

H-206

H-207

H-208

H-209

H-210

H-211

H-212

H-213

H-214

H-215

H-216

H-217

H-218

H-219

H-220

H-221

H-222

H-223

H-224

H-225

H-226

H-227

H-228

H-229

H-230

H-231

H-232

H-233

H-234

H-235

H-236

H-237

H-238

H-239

H-240

H-241

H-242

H-243

H-244

H-245

H-246

H-247

H-248

H-249

H-250

H-251

H-252

H-253

H-254

H-255

H-256

H-257

H-258

H-259

H-260

H-261

H-262

H-263

H-264

H-265

H-266

H-267

H-268

H-269

H-270

H-271

H-272

H-273

H-274

H-275

H-276

H-277

H-278

H-279

H-280

H-281

H-282

H-283

H-284

H-285

H-286

H-287

H-288

H-289

H-290

H-291

H-292

H-293

H-294

H-295

H-296

H-297

H-298

H-299

H-300

H-301

H-302

H-303

H-304

H-305

H-306

H-307

H-308

H-309

H-310

H-311

H-312

H-313

H-314

H-315

H-316

H-317

H-318

H-319

H-320

H-321

H-322

H-323

H-324

H-325

H-326

H-327

H-328

H-329

H-330

H-331

H-332

H-333

H-334

H-335

H-336

H-337

H-338

H-339

FOR CONTINUATION  
SEE SHEET 2 OF 3

PARCEL 'B'

LOT 6

FOR CONTINUATION  
SEE SHEET 2 OF 3

FOR CONTINUATION  
SEE SHEET 2 OF 3

PARCEL

MATCH LINE

F-98-94

FOREST CONSERVATION  
EASEMENT

HUNTFIELD

DRIVE

PUBLIC ACCESS EASEMENT  
FOR S.M.H.F. DRAINAGE  
AND UTILITY EASEMENT

29

28

27

26

25

59

58

57

24

LOT 9  
49,474 SF

LOT 8  
45,451 SF

LOT 7  
43,643 SF

LOT 15  
47,407 SF

LOT 14  
45,011 SF

LOT 13  
47,719 SF

LOT 11  
49,508 SF

LOT 12  
45,840 SF

LOT 10  
46,456 SF

N44°12'29"W  
105.16'  
S41°30'51"W

S41°29'56"W 165.94'  
104.24'  
61.70'

30.10'  
174.06'  
174.06'

N52°54'55"W 160.21'  
581°21'14"W  
375.23'

N69°11'38"E  
50.39'

571°40'44"W  
307.52'

S35°59'29"E 366.70'

S44°37'30"E  
141.55'

S56°17'28"E 195.13'  
L=93.55'

R=325.00'  
L=228.95'  
L=334.10'  
R=375.00'  
L=114.35'

R=375.00'  
L=392.25'  
L=101.67'

N45°47'31"E  
338.44'

N45°47'31"E  
338.44'

N45°47'31"E  
176.00'

N45°12'47"W  
165.34'

N45°12'47"W  
165.34'

S33°01'12"E  
162.84'

S33°01'12"E  
193.68'

S33°01'12"E  
162.84'

S33°01'12"E  
193.68'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S33°01'12"E  
162.84'

S33°01'12"E  
193.68'

S33°01'12"E  
162.84'

S33°01'12"E  
193.68'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S14°15'20"E  
176.73'

S14°15'20"E  
176.73'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

S44°12'29"E  
114.65'

C1 04020

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER 57659G

(THIS NUMBER IS TO BE PUNCHED IN GOLS, 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE Received 10 26 98

DATE WELL COMPLETED 09 30 98

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1708

OWNER Winchester Homes, STREET OR RFD Hunter Drive, TOWN Fulton, SUBDIVISION Hunterbrooke, SECTION, LOT 7

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, Brown Shale, Brown Phiseg, Sand Stone, Gray mica, Brown mica, Gray mica.

GROUTING RECORD

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

CASING RECORD

MAIN CASING TYPE, Nominal diameter, Total depth, OTHER CASING (if used)

SCREEN RECORD

screen type or open hole, DEPTH (nearest ft.), SLOT SIZE, DIAMETER OF SCREEN

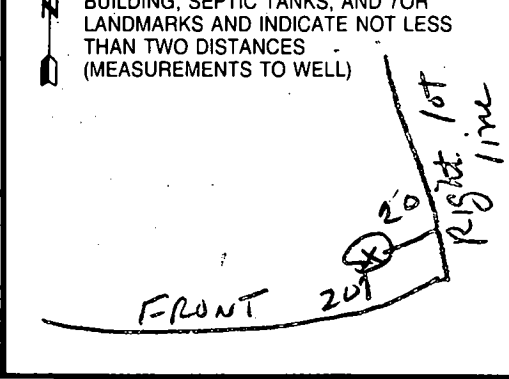
PUMPING TEST

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED

PUMP INSTALLED

DRILLER WILL INSTALL PUMP, TYPE OF PUMP INSTALLED, CAPACITY, GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

LOCATION OF WELL ON LOT



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (Well 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...

DRILLERS LIC. NO.: M.W.D. 040, Signature: Gene F. Esterday

LIC. NO.: M.W.D. 038, Signature: Bruce Thompson

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

DEPTH (nearest ft.) 400

Table with columns: E, A, C, H, S, C, R, E, E, N and rows for depth measurements (8-11, 15-17, 23-24, 26, 30-32, 36, 38-39, 41, 45-47, 51)

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

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

~~2/30/98~~

8:30 10/3/98

Review 10/26/98 OK Ad

**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 94-1708  
 Location of property (road) Hunter Drive  
 Subdivision Hunterbrook Lot 7 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller George Easterday Owner Winchester Homes

Depth of well 400 16pm  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 36 ft

**I. High rate pumping -- reservoir drawdown**

Time pump started 7:55 AM Pumping rate 15 GPM  
 Total time 20 min to reach pumping water level 228 ft. below M.P.

**II. Recovery pump test data - observations to be recorded every 15 minutes**

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill gallon bucket	FLOW METER READING (if used) Pump Gal	CALCULATED FLOW (gallons per minute)
8:15 AM	228 ft	40 sec	300 ft	1 1/2 GPM
8:30 AM	228 ft	40 sec	300 ft	1 1/2 GPM
8:45 AM	228 ft	40 sec	300 ft	1 1/2 GPM
9:00 AM	228 ft	40 sec	300 ft	1 1/2 GPM
9:15 AM	228 ft	40 sec	300 ft	1 1/2 GPM
9:30 AM	228 ft	40 sec	300 ft	1 1/2 GPM
9:45 AM	228 ft	40 sec	300 ft	1 1/2 GPM
10:00 AM	228 ft	40 sec	300 ft	1 1/2 GPM
10:15 AM	228 ft	40 sec	300 ft	1 1/2 GPM
10:30 AM	228 ft	40 sec	300 ft	1 1/2 GPM
10:45 AM	228 ft	40 sec	300 ft	1 1/2 GPM
11:00 AM	228 ft	40 sec	300 ft	1 1/2 GPM
11:15 AM	228 ft	40 sec	300 ft	1 1/2 GPM
11:30 AM	228 ft	40 sec	300 ft	1 1/2 GPM
11:45 AM	228 ft	40 sec	300 ft	1 1/2 GPM
12:00 PM	228 ft	40 sec	300 ft	1 1/2 GPM
12:15 PM	229 ft	40 sec	300 ft	1 1/2 GPM
12:30 PM	229 ft	40 sec	300 ft	1 1/2 GPM
12:45 PM	229 ft	40 sec	300 ft	1 1/2 GPM
1:00 PM	229 ft	40 sec	300 ft	1 1/2 GPM
1:15 PM	229 ft	40 sec	300 ft	1 1/2 GPM
1:30 PM	229 ft	40 sec	300 ft	1 1/2 GPM
1:45 PM	229 ft	40 sec	300 ft	1 1/2 GPM
2:00 PM	229 ft	40 sec	300 ft	1 1/2 GPM
2:24 PM	229 ft	40 sec	300 ft	1 1/2 GPM

Tested by Dickie

B 1 6889

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1708 fill in this form completely

Date Received (APA)

08 28 98

OWNER INFORMATION RN 7574

Winchester Homes, Inc.

Last Name Owner First Name

6305 Ivy Lane, Suite 700

Street or RFD

Greenbelt, Md. 20770

Town State Zip

DRILLER INFORMATION

George F. Easterday M WD 040

Driller's Name License No.

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., MT. Airy, Md. 21771

Address

Signature Date: 8/26/1998

Signature Date

LOCATION OF WELL

Howard CC#

COUNTY

Hunterbrooke

SUBDIVISION

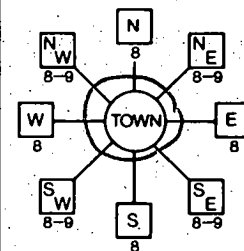
SECTION LOT 7

Fulton

NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 25

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Hunter Drive

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 25

ENTER FT OR MI

TAX MAP: BLK: PARCEL

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (D)
Farming (Livestock Watering & Agricultural Irrigation) (F)
Industrial, Commercial, Dewatering (I)
Public Water Supply Well (P)
Test, Observation, Monitoring (T)
Geo-Thermal (G)

NOT TO BE FILLED IN BY DRILLER. HEALTH DEPARTMENT APPROVAL

Howard Co. A576596

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 090298 A McWells 9/2/99

CO SIGNATURE EXP. DATE NORTH GRID EAST GRID

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- This well will not replace an existing well (N)
This well will replace a well that will be abandoned and sealed (Y)
This well will replace a well that will be used as a standby-contact local approving authority for policy on standby wells (S)
This well will deepen an existing well (D)

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER G A P

PERMIT No. HO-94-1708

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

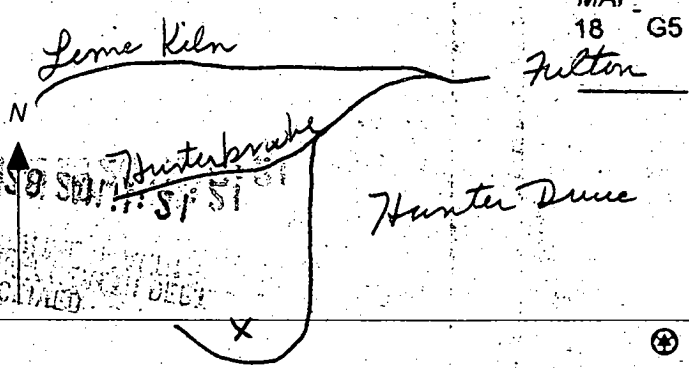
- SOURCES OF DRILLING WATER
1. wells
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 820

N 470

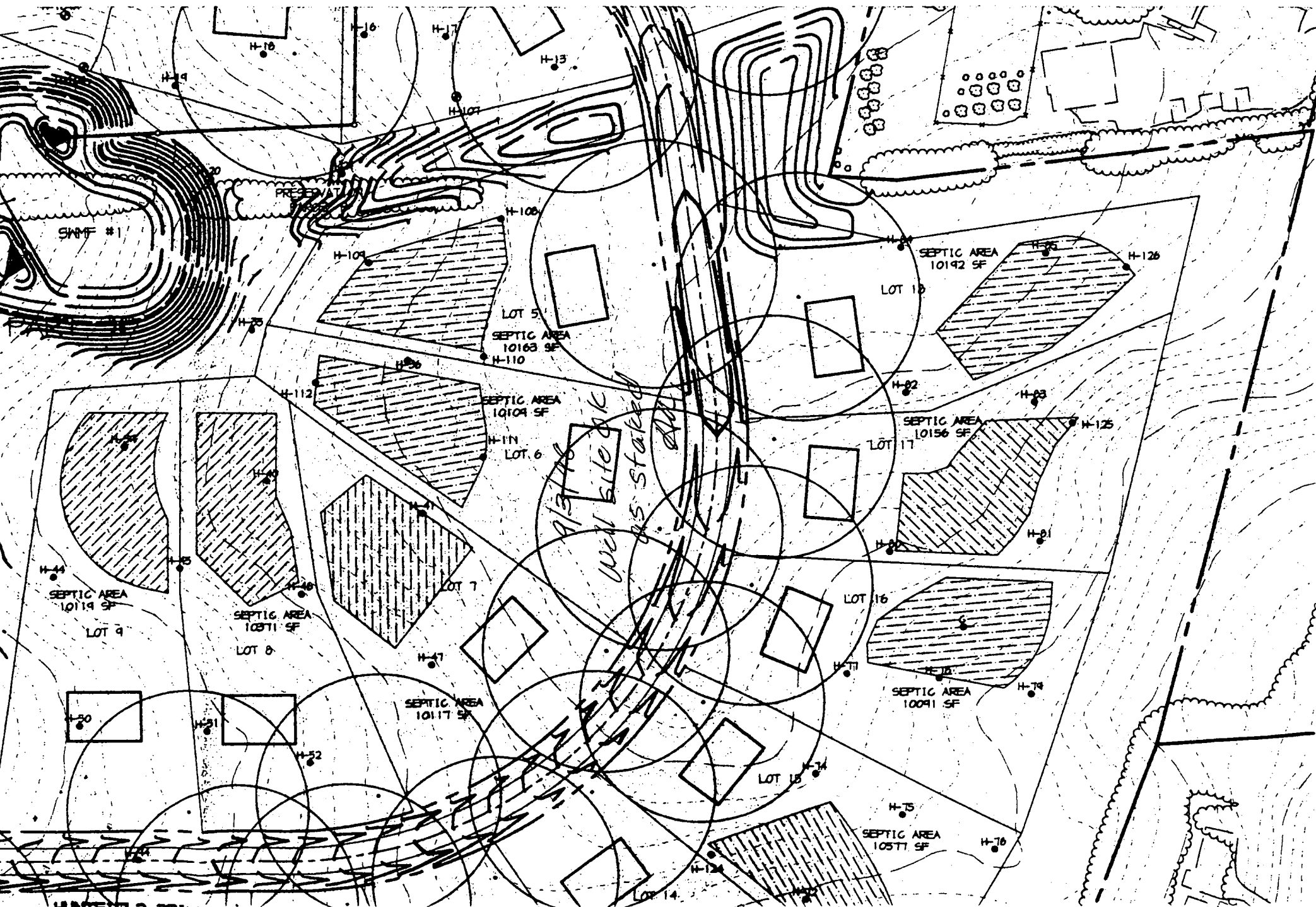
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Handwritten notes: X 9/20/98 grout Not done @ time of insp (KCS)

MAP 18 G5

Fulton



MHIL 10 Contractor 4

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS  
 3430 COURT HOUSE DRIVE  
 ELICOTT CITY, MD 21043  
 PERMITS (410) 313-2455 INSPECTIONS (410) 313-1810  
 AUTOMATED INFORMATION (410) 313-3800

**HOWARD COUNTY**  
**PERMIT APPLICATION**

**PERMIT NUMBER**  
 B0030033

Building Address 8112 Huntfield Dr  
Fulton, Md. 20715

Suite/Apt. #: \_\_\_\_\_ SDP/WP/Petition #: \_\_\_\_\_

Census Tract 6051.02 Subdivision 1

Section \_\_\_\_\_ Area \_\_\_\_\_ Lot 7

Tax Map 46 Parcel 31-0 Grid 2

Zoning RR Map Coordinates 1565 Lot size \_\_\_\_\_

Property Owner's Name August Ghessie

Address 8112 Huntfield Drive

City Fulton State Md Zip Code 20715

Home Phone 301-490-4207 Work Phone 202-37-4207

Applicant's Name & Mailing Address, (if other than stated hereon): \_\_\_\_\_

Phone \_\_\_\_\_ Fax 410-549-0794

Existing Use Single Family Dwelling

Proposed Use Deck

Estimated Construction Cost \$ 8900

Description of Work 2 section deck  
12'x14' 18'x14' with steps  
as amended by contractor 7/3/01 (HR)

Contractor Company Blake Contractors

Contact Person Paul Blake

Address 4401 Waltham Ave

City Baltimore State Md Zip Code 21214

License No. 1-143

Phone 410-254-3457 Fax 781-7260

Occupant or Tenant \_\_\_\_\_

Contact Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Engineer or Architect Company 410-965-0619

Contact Person \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

**BUILDING DESCRIPTION - COMMERCIAL**

**BUILDING DESCRIPTION - RESIDENTIAL**

Building Characteristics	Utilities
Height: _____	Water Supply: _____ <input type="checkbox"/> Public <input type="checkbox"/> Private
No. of stories: _____	Sewage Disposal: _____ <input type="checkbox"/> Public <input type="checkbox"/> Private
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: _____ <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame	Heating System: _____ <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input type="checkbox"/> Propane Gas <input type="checkbox"/>
<input type="checkbox"/> State Certified Modular	Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression <input type="checkbox"/> # of Heads _____

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>	Water Supply: _____ <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
1st floor: _____ <input type="checkbox"/> Depth <input type="checkbox"/> Width	Sewage Disposal: _____ <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
2nd floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Basement: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/>	Heating System: _____ <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R <input type="checkbox"/> Other: _____
No. of Bedrooms _____	
Multi-family dwellings: _____	
No. of efficiency units: _____	
No. of 1 BR units: _____	
No. of 2 BR units: _____	
No. of 3 BR units: _____	
Other Structure: _____	
Dimensions: _____	
Footings: <u>PIER/POST</u>	
Roof: _____	
<input type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK DESCRIBED AND POSTING NOTICES.

Applicant's Signature [Signature]

Title/Company [Signature]

Print Name Larry Tapis

Date 5/7/01

Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
 \*\* PLEASE WRITE NEATLY AND LEGIBLY \*\*  
 - FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE	APPROVAL
Land Development, DPZ			
State Highways			
Building Official			
Dev. Engineering, DPZ			
Health	<u>7/3/01</u>	<u>[Signature]</u>	
Fire Protection			

Is Sediment Control approval required prior to issuance?  
 YES  NO

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>
Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>
Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>
Lot Coverage for NewTown Zone _____
SDP/Red-line approval date _____

PROPERTY ID#:	410129
Filing fee	\$ <u>20</u>
Permit fee	\$ _____
Excise tax	\$ <u>1</u>
Sub-total paid	\$ _____
Add'l permit fee	\$ _____
TOTAL FEES	\$ <u>30</u>
Balance due	\$ _____
Check #	<u>2382</u>
Validation #	<u>28350</u>

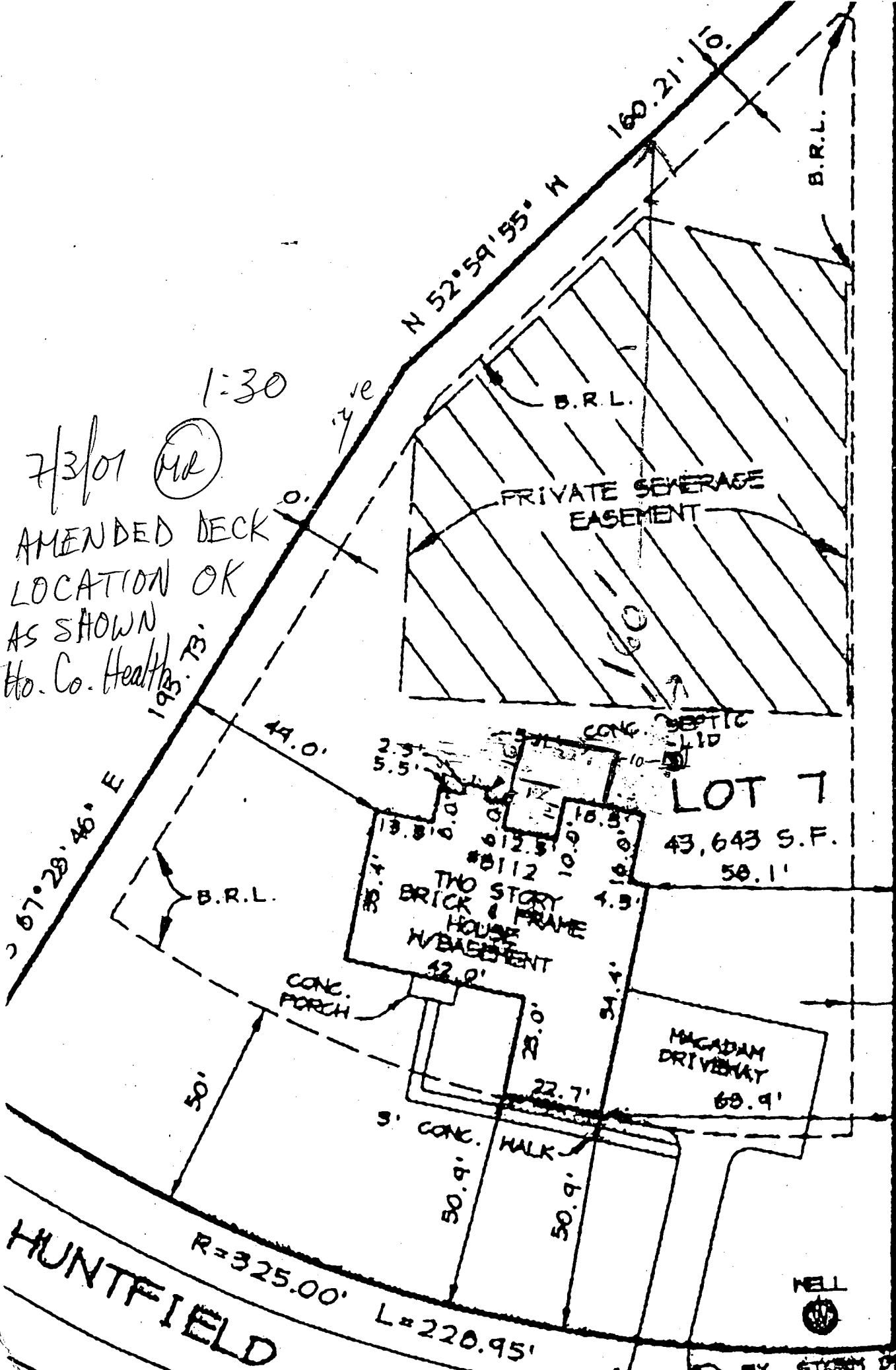
Accepted by [Signature]

CONTINGENCY CONSTRUCTION START:

ONE STOP SHOP:

Distribution of Copies - White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

7/3/01 MR  
 AMENDED DECK  
 LOCATION OK  
 AS SHOWN  
 Ho. Co. Health



2 sec  
 Dec  
 14'  
 18'  
 501°21'14"W 340.23'

HUNTFIELD  
 R=325.00' L=220.95'