

LAYOUT 8/8/03 11am INSP 4 _____
 INSP 2 8/11/03 2PM INSP 5 _____
 INSP 3 8/12/03 INSP 6 _____

ISSUE DATE: 7/1/2003
 APPROVAL DATE: 8/12/03

**PERMIT
INDEXED**

04-366670

P 519036
 A 511939-S

**ON-SITE SEWAGE DISPOSAL SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

K & K Excavating IS PERMITTED TO INSTALL ALTER
 ADDRESS: 14960 Frederick Road, Woodbine PHONE NUMBER: 410-442-1336
 SUBDIVISION: Wellington III LOT NUMBER: 20
 ADDRESS: 3223 Huntersworth Way PROPERTY OWNER: Selfridge Builders
 SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED
 PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED
 NUMBER OF BEDROOMS: 4
 SQUARE FEET PER BEDROOM: 180
 LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 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 near the upper corner easement stake this is close to the lot line(see permit plan). Run trenches on contour towards the house.
NOTES:	Maintain 100' of separation between the septic tank and the well on lot #21.

PLANS APPROVED: Brian Baker *(KB)* 7-1-03 DATE: 5/12/03

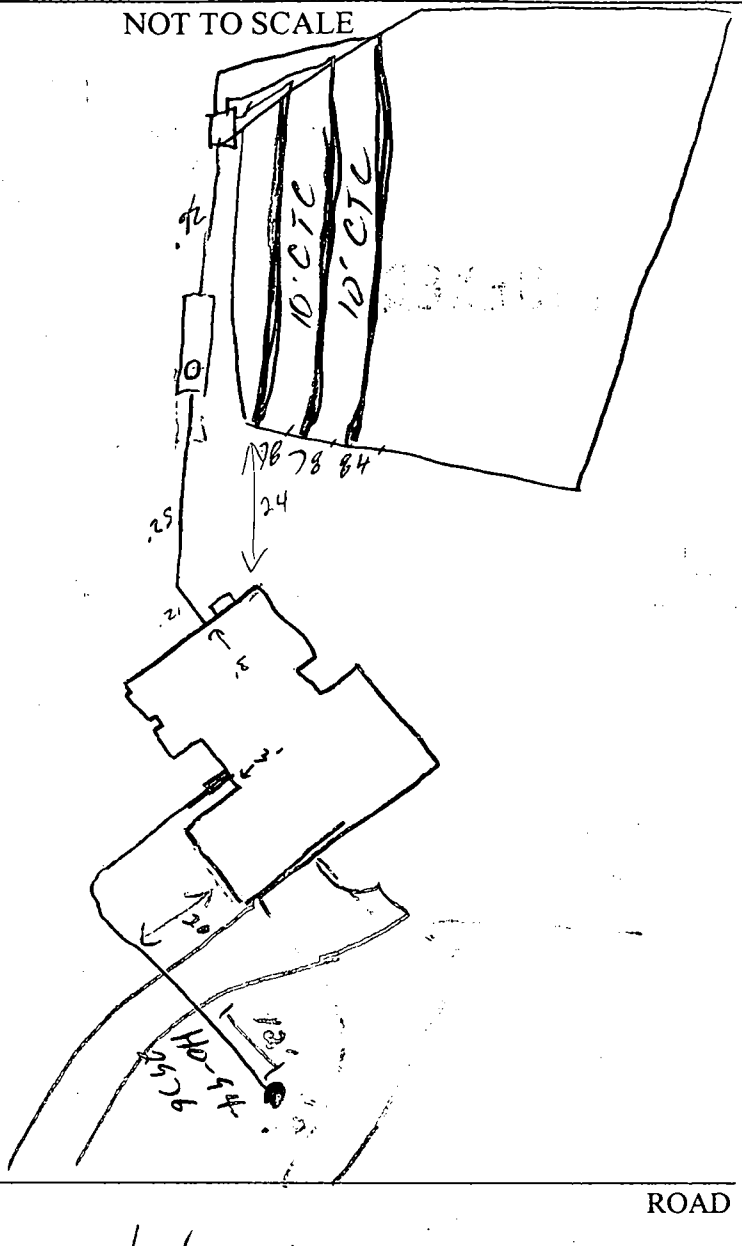
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**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**

BUILDING PERMIT SIGNED AND RETURNED
 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
 DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL
3-1104 800146747- DECK + SCREENED PORCH

A 511 939-5

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>240'</u>		
ABSORPTION AREA <u>720sf</u>		
DISTRIBUTION BOX LEVEL <input checked="" type="checkbox"/>		
DISTRIBUTION BOX BAFFLE <input checked="" type="checkbox"/>		
DISTRIBUTION BOX PORT <input type="checkbox"/>		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	<u>1500</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>2'</u>
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	<u>Front</u>
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input type="checkbox"/>
CAPACITY	<input type="checkbox"/> GAL
SEAM LOC	<input type="checkbox"/>
TANK LID DEPTH	<input type="checkbox"/>
BAFFLES	<input type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	<input type="checkbox"/>
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>

PRE-CONSTRUCTION 8/8/03 - SRA stated, contours appear accurate.
Install trenches per B.P. (SD) 8/11/03 Monsoon, no work (SD)
 INSTALLATION 8/12/03 OK to cover all work (SD)

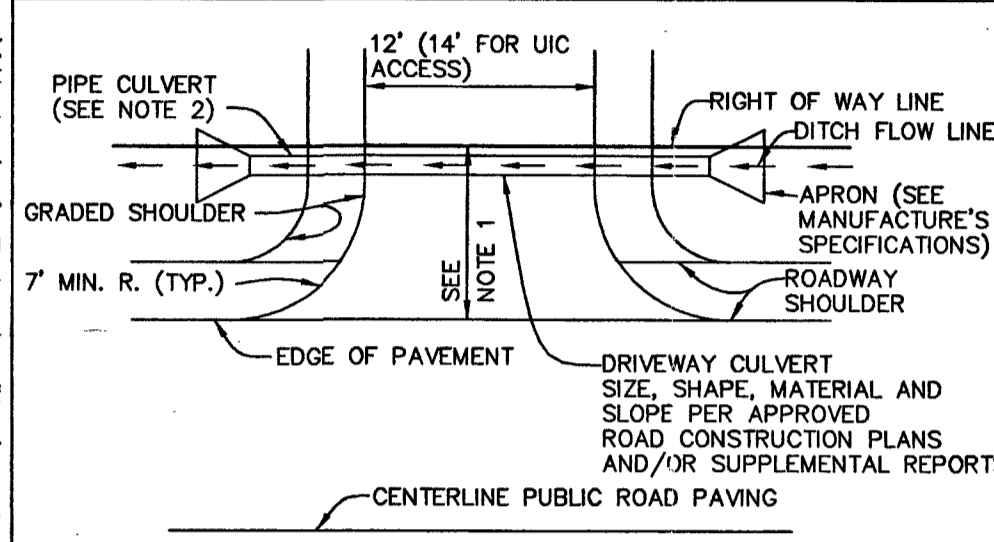
FINAL INSPECTOR [Signature] DATE OF APPROVAL 8/12/03

RECEIVED
 BUILDING DEPARTMENT



NOTES:

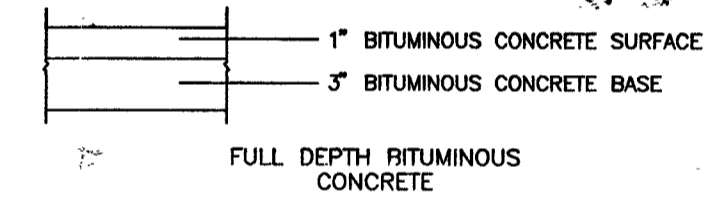
1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 15288, REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD COUNTY SOIL CONSERVATION DISTRICT UNDER GP-01-192 AND MODIFIED FOR THIS SPECIFIC HOUSE.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS.
5. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.



NOTES:

1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON STD NO. R-2.01 OR ALTERNATIVE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
2. DRAINAGE CULVERT SIZE, SHAPE, MATERIAL AND SLOPE SHALL BE IN ACCORDANCE WITH THE APPROVED ROAD CONSTRUCTION PLANS AND/OR SUPPLEMENTAL REPORTS.
3. APRONS ARE TO BE INSTALLED AT EACH END OF THE DRIVEWAY CULVERT AND SIZED PER MANUFACTURE'S SPECIFICATIONS.
4. SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL, AS APPROVED BY D.P.W.
5. SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.

DRIVEWAY CULVERT NOTES AND DETAIL
NOT TO SCALE



PAVING SECTION
NOT TO SCALE

NO.	DATE	REVISION
<p>BENCHMARK ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLCOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 ▲ FAX: 410-465-6644 EMAIL: benchmrk@ccis.com</p>		
OWNER/BUILDER:		PROJECT:
JAMES H. SELFRIDGE BUILDERS, INC. 14045 GARED DRIVE GLENWOOD, MD 21738 PHONE: 410-531-8930 FAX: 410-531-8939		THE WOODS OF WELLINGTON LOT 20
DESIGN: JMC		LOCATION:
DRAFT: JMC		3223 HUNTERS WORTH GLENWOOD, MD 21738 TAX MAP 14 - BLOCK 20 - P/O PARCEL 246 4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: 1" = 30'		TITLE:
DATE: APRIL, 2003		PERMIT PLAN
PROJECT NO. 1430		HOUSE TYPE: PORTER RESIDENCE
DRAWING 1 OF 1		

**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: Pipe-Rite Plumbing Telephone #: 410-788-3080
Address: 405 Lafayette Ave
Baltimore MD 21228

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): _____ License# 2214

*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: Pat Fox Telephone #: _____
Subdivision: Woods at Wellington Lot #: 20 Well Tag #: HO-94-2976
Site Address: Greenwood MD 21738
3223 Huntersworth Way

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Meyers</u>	Make: <u>Mortenson</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>25T102-5</u>	Model #: <u>B105</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>5</u> GPM	Depth: <u>4A</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>5</u> GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit min 18" R.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>325</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
Corrosion arrestors or Cable guards are required - Must circle one		
Safety rope, if used, attached to inside of well casing with eye bolt: <input checked="" type="checkbox"/>		

Piping to house:	House Connection
Type: <u>Plastic</u>	PVC sleeved to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PST: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>5'</u>
Depth of supply line: <u>48</u> (36" min)	Sleeve caulked and sealed properly: <input checked="" type="checkbox"/>

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.

Signature of company representative responsible for installation: George Bohm date: 12-02-03

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

Date Insp. Requested: 8/22/03 Date Insp. Approved: 8/22/03 (50) SRK

Inspection Data: Pitless adapter and water supply line at least 16" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below g. s.c./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

C1 0804 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 4/12/01 OK

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY

DEPTH OF WELL (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2976

OWNER SDC STREET OR RFD Huntersworth TOWN Glenwood SUBDIVISION Wellington SECTION III LOT 20

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

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (25), NO. OF POUNDS (2350), GALLONS OF WATER (150), DEPTH OF GROUT SEAL (0 to 68 ft).

CASING RECORD: casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (75).

OTHER CASING (if used) diameter and depth.

SCREEN RECORD: screen type (ST, BR, HO, PL, OT), DEPTH (92 to 325).

PUMPING TEST: HOURS PUMPED (3), PUMPING RATE (5), METHOD USED (Bucket), WATER LEVEL (51 ft before, 202 ft when pumping), TYPE OF PUMP USED (S - submersible).

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED: YES (Y), NO (N).

CIRCLE APPROPRIATE LETTER: A (abandoned), E (electric log), P (test converted to production).

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. 1 MSD024, DRILLERS SIGNATURE (L. M. Murre)

DRILLERS SIGNATURE (L. M. Murre), LIC. NO. 1 MSD027

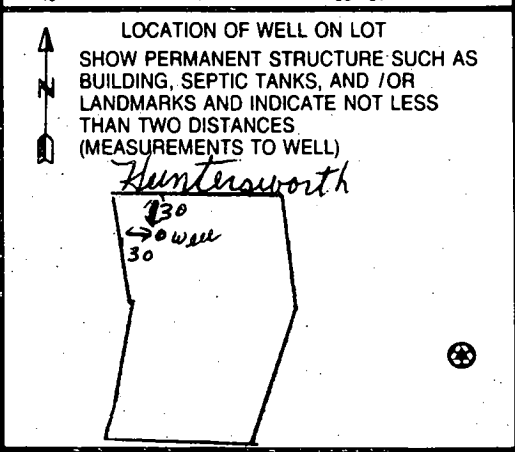
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with columns 1-21, 23-26, 30-32, 38-41, 45-47, 51. Includes SLOT SIZE and DIAMETER OF SCREEN.

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.

PUMP INSTALLED: DRILLER INSTALLED PUMP (YES/NO), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (3).



B 1 03748

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2976

fill in this form completely

W51470 please print or type

Date Received (APA) 12/12/00

OWNER INFORMATION

Security Development Group P.O. Box 417 Ellicott City Md 21041

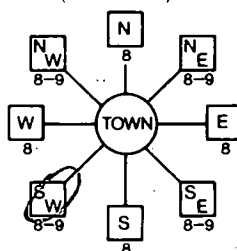
LOCATION OF WELL

Howard Wellington 3 20 Glenwood 1 1/2 M I

DRILLER INFORMATION

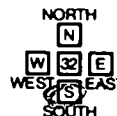
Joseph L Mayne MS DO 24 Joseph L. Mayne Well Drillers 5512 Ridge Rd Mt. Airy 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Hunterworth 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 30 37 DISTANCE FROM ROAD FT ENTER FT OR MI 38 39

WELL INFORMATION

APPROX. PUMPING RATE 5 APPROX. PUMPING RATE (GAL. PER MIN.) 8 500 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 500 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 02/06/01 CO SIGNATURE EXP. DATE NORTH GRID 528 000 EAST GRID 0786 000

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION I INDUSTRIAL, COMMERCIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

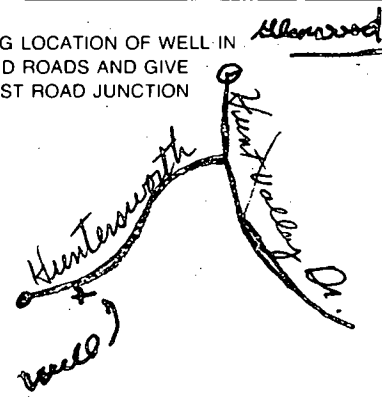
- SOURCES OF DRILLING WATER 1. well 2. 3.

3/20/01 great pm No insp. Access to site is limited. No 4WD. SRIC

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7806 N 5208

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



METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

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

APPROP. PERMIT NUMBER 54 HO 00 GAP 01201 PERMIT No. 70 94 2976

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

S37°50'33" W

FOF

Lot 20
well site OK as stated
by surveyor - no site
inspection conducted
2/6/01 BKO

T 12
100 S.F.

LOT 10
50,000 S.F.

LOT 9
50,000 S.F.

LOT 18
49,726 S.F.

LOT 19
50,000 S.F.

LOT 20
50,000 S.F.

LOT 21
50,000 S.F.

WEST CONSERVATION
EASEMENT #4
RETENTION

NON-BUILDABLE
PRESERVATION PARCEL 'B'
TO BE OWNED BY THE HOMEOWNERS
ASSOCIATION WITH HOWARD COUNTY
AS EASEMENT HOLDER
8.97 AC.

PRIVATE
SWM, SWM ACCESS, DRAINAGE
AND UTILITY EASEMENT

SWMF #2

Lot 20

233

S37°44'24" W

1094.00'

20'

24" RCCP
HW-2

B-4
B-5
B-6

E-3

M-2

M-5

M-6

M-7

M-8

M-9

M-10

M-11

M-12

M-13

M-14

M-15

M-16

M-17

M-18

M-19

M-20

M-21

M-22

M-23

M-24

M-25

M-26

M-27

M-28

M-29

M-30

M-31

M-32

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

APRIL 21-28
MAY 13-14
11-

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 Mick Curvey

ADDRESS P.O. Box 417 Es. Md 2104 PHONE 410-465-4244

AGENT OR PROSPECTIVE BUYER ~~Hunt Valley~~ SDC Group

ADDRESS _____ PHONE 410-443-2509931

PROPERTY LOCATION:

SUBDIVISION Wellington 3 LOT NO. LOT-1 Tru 20 (15) (18) (20)

ROAD AND DESCRIPTION End of Hunt Valley Dr. Glenwood Md

TAX MAP 14 PARCEL # 246

SIZE OF LOT 1 acre 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. DM Curvey DM
(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
15A/15D

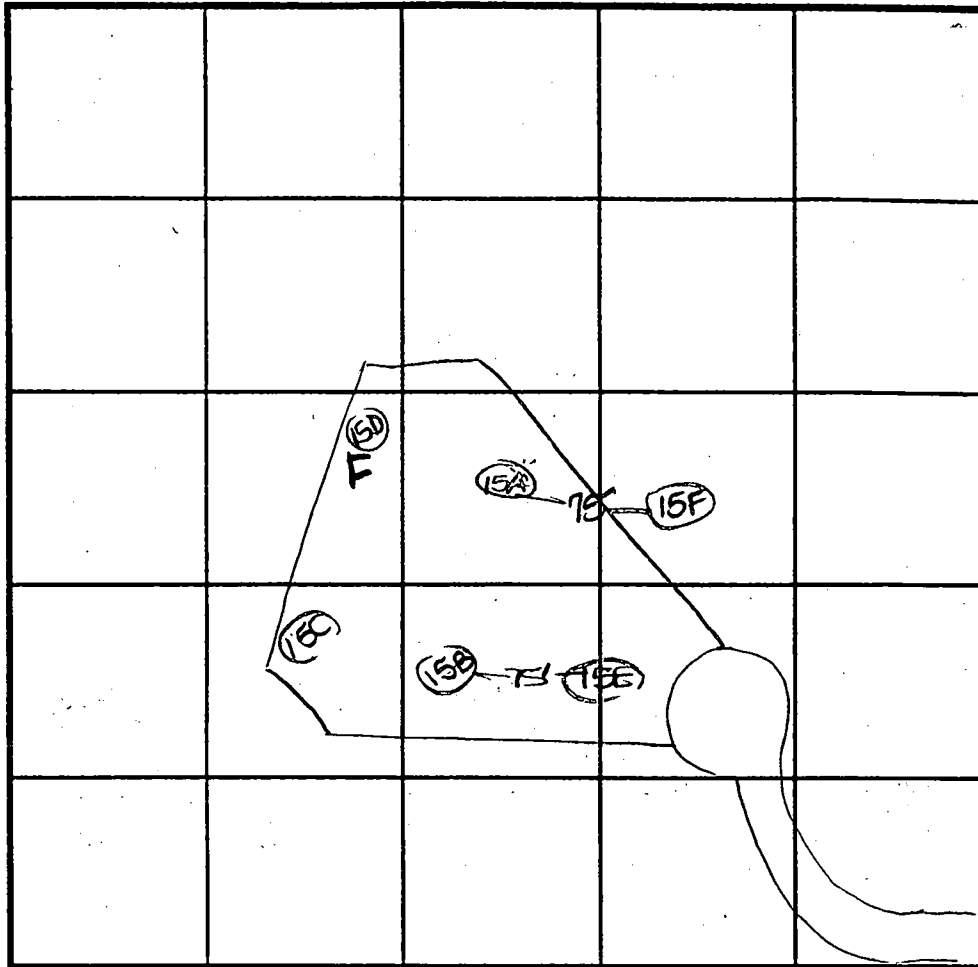
0' topsoil
1' org red brn cl lm
4' pale org tan sil lm
10-15% sapr sh
13.5'

15D

0' topsoil
1' org brn cl lm
4' pale org tan sil lm
8' pockets >50% hard rock
13'

15C

0' topsoil
1' org brn cl lm
4-4.5' beige sil lm
14' 15% sapr sh



SOIL PROFILE
15E

0' topsoil
1' org brn cl lm
4' pale pk tan sil lm
10-15% rock frag
14' 15F
0' topsoil
1' org red brn cl lm
4' pale org tan sil lm
12' >50% sapr sh
13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-12-99	15A	4.5'S	10:39	10:41	10:41	10:45	4
		13.5'D	Visual	- see	profile		OK
	15D	4.5'S	10:42	10:42 ₃	10:42 ₃	10:43 ₃	1
		13.0'D	Visual	- see	profile		FAIL
	15C	4.5'S	11:03 ₃	11:04	11:04	11:05 ₃	2
		12.5'D	Visual	- See	profile		OK
	15B	5.0'S	11:07	11:08	11:08	11:10	2
		14.0'D	Visual	- see	profile		OK
5-14-99	15E	14.0'D	Visual	- see	profile		OK
	15F	13.0'D	Visual	- see	profile		OK

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY D. SOE ALSO PRESENT Hatfield's
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

16D

topsoil

red brn
cl Lm

4' pale org
tan
to
brn
sl Lm

5-10%
sh

12.5'

16A

topsoil

red brn
cl Lm

4' pale
pk below
sl Lm

16%
sh
frag

13'

16B

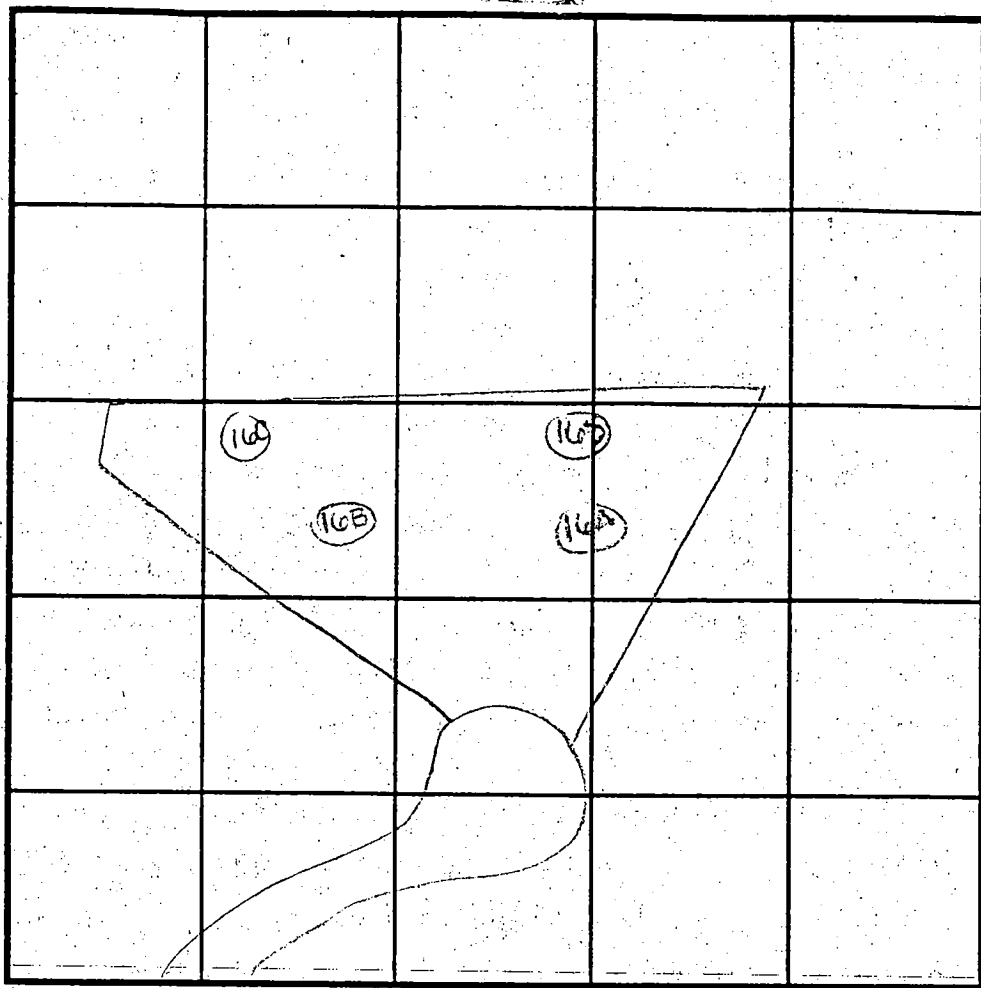
topsoil

red org
brn
cl Lm

4' pale org
tan
sl Lm

10%
sh
frag

13.5'



SOIL PROFILE

16C

0'

1' topsoil

red brn
cl Lm
w/ sh
frag

4'

4.5' med
brn
sl Lm
w/ sh
frag

0.5'

12.5' 75%
sh

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-12-99	16D	4.5' S	11:12	11:14	11:14	11:17	3
		12.5' D	visual	- See	profile		OK
	16A	5.0' S	11:19	11:19 ₂	11:19 ₂	11:21	2
		13.0' D	visual	- See	profile		OK
	16B	4.5' S	11:25	11:28	11:28	11:31	3
		13.5' D	visual	- See	profile		OK
*	16C	5.0' S	11:27	11:28 ₂	11:28 ₂	11:30	2
		12.5' D	visual	- See	profile		OK

REMARKS

TYPE OF SOIL

TESTED BY

D. See

ALSO PRESENT

Wright's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

COUNTY #

OIL PROFILE

14G

topsoil
dk org bn
clm

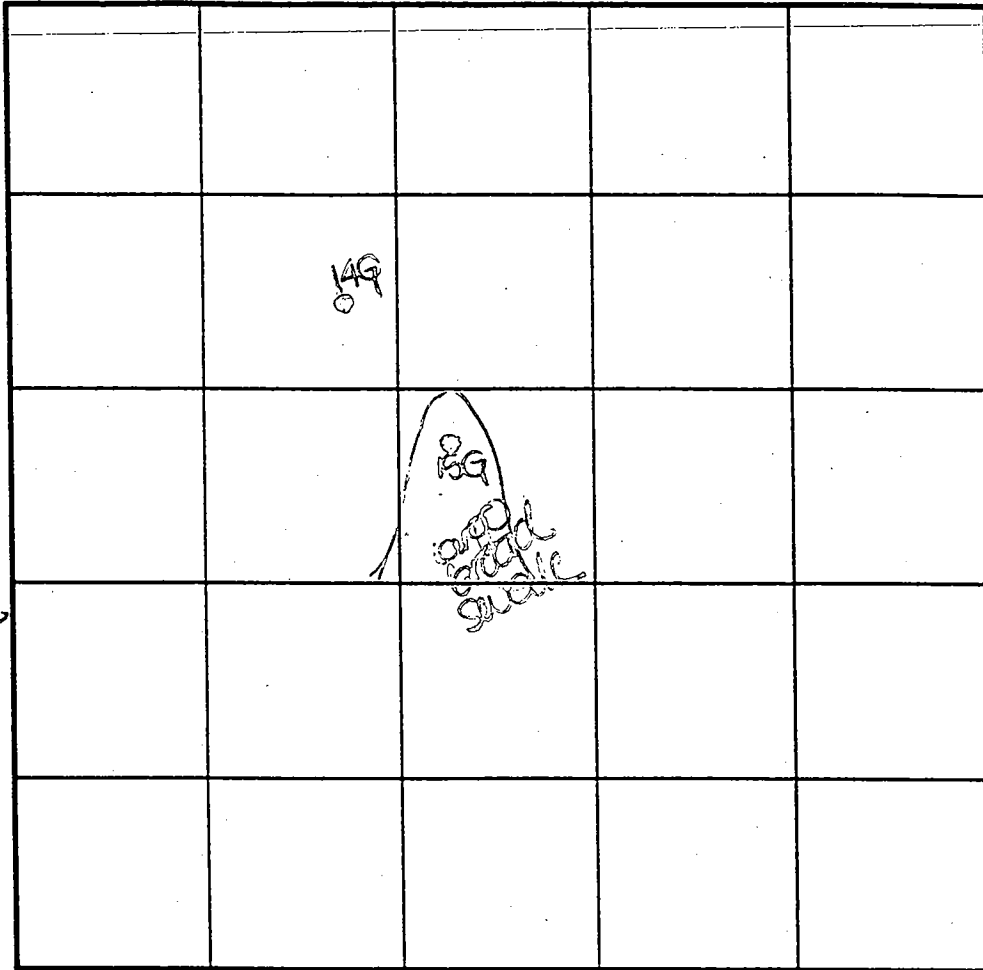
pale org
bn
si cl
lm
w/ decayed
scopston

14G

topsoil
dk red bn
clm

pale
ora
wide
silim
25%+
hard
stone

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-27-99	15G	12.0' D	visual	- See	profile		FAIL
	14G	4.5' S	2:20	2:21 ₂	2:21 ₂	2:26	5
		12.0' D	visual	see	profile		OK

REMARKS holes tested as stated

TYPE OF SOIL _____

TESTED BY D. See ALSO PRESENT Watfield's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT	CHORD
C1	130.00'	136.21'	60°03'38"	75.15'	S34°08'01"E 130.12'
C2	170.00'	178.20'	60°03'35"	98.27'	S34°08'01"E 170.16'
C3	330.00'	70.38'	12°13'08"	35.32'	S02°00'22"W 70.24'
C4	370.00'	78.91'	12°13'08"	39.60'	S02°00'22"W 78.78'
C5	25.00'	23.18'	53°07'48"	12.50'	S34°40'50"W 22.36'
C6	25.00'	23.18'	53°07'48"	12.50'	N18°26'59"W 22.36'
C7	50.00'	249.81'	286°15'37"	37.50'	N81°53'05"W 60.00'
C8	370.00'	484.99'	75°06'07"	284.43'	S48°20'44"W 451.01'
C9	330.00'	432.56'	75°06'07"	253.69'	S48°20'44"W 402.25'
C10	130.00'	96.67'	42°36'18"	50.69'	N32°05'49"E 94.46'
C11	170.00'	126.41'	42°36'18"	66.29'	N32°05'49"E 123.52'

N/F
 CAVEY PROPERTY
 BULK PARCEL B
 PLAT No. 14-184
 HOWARD COUNTY AGRICULTURAL
 LAND PRESERVATION EASEMENT
 #H000-02PP(B)
 ZONED: RC-DEO

N/F
 J. THOMAS AND
 MARY S. SCRIVENER
 5084/251
 ZONED: RC-DEO

SIGNED PLAT CERT
 2/12/02

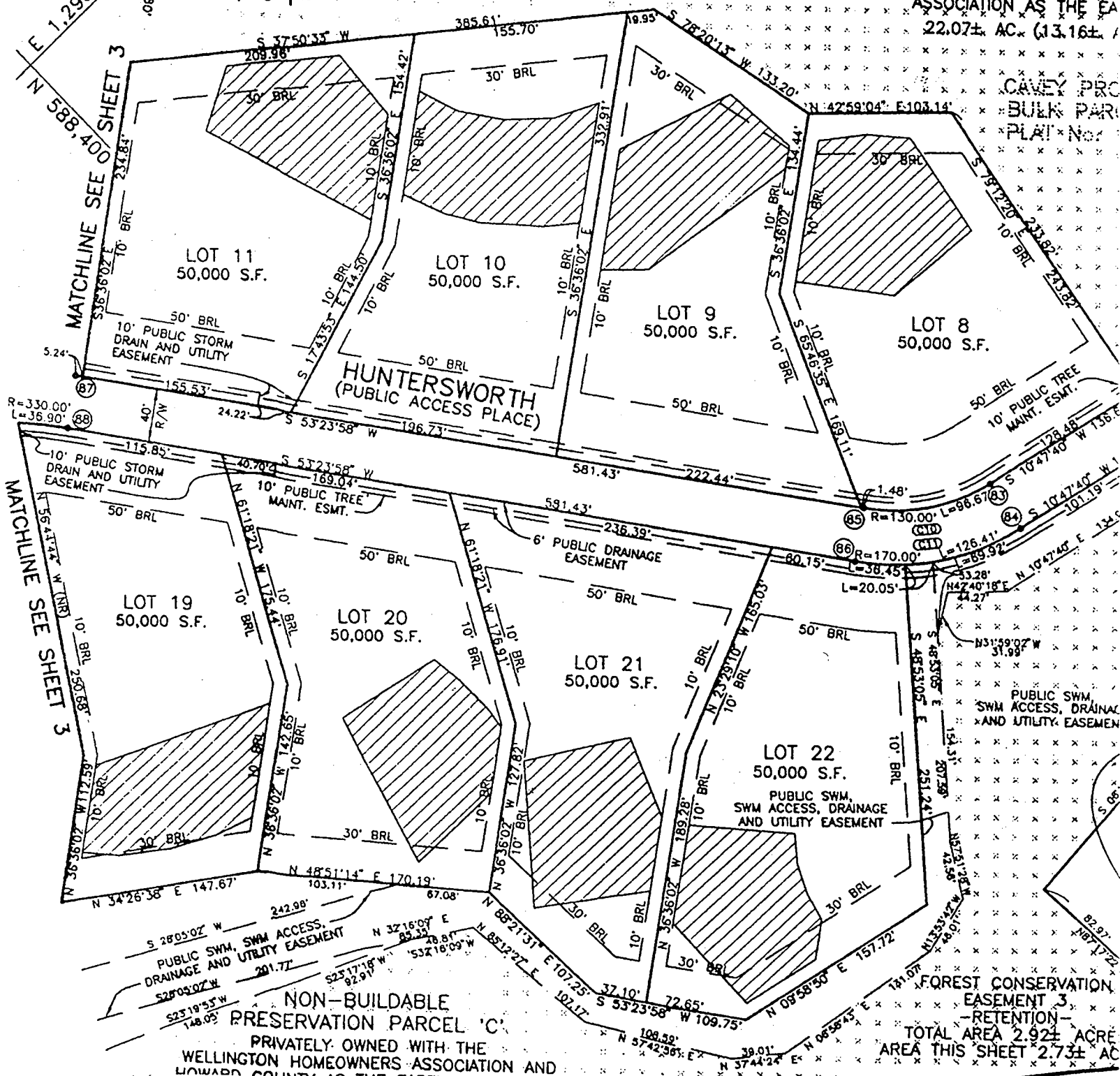
S37°50'33"W

NON-BUILD
 PRESERVATION
 ENVIRONMENTAL
 PRIVATELY C
 HOWARD COUNTY AND THE WE
 ASSOCIATION AS THE EA
 22.07± AC (13.16±

CAVEY PRO
 BULK PAR
 PLAT No

E 1,298.40
 N 588.40 SHEET 3

MATCHLINE SEE SHEET 3



NON-BUILDABLE
 PRESERVATION PARCEL 'C'
 PRIVATELY OWNED WITH THE
 WELLINGTON HOMEOWNERS ASSOCIATION AND
 HOWARD COUNTY

FOREST CONSERVATION
 EASEMENT 3
 -RETENTION-
 TOTAL AREA 2.92± AC
 AREA THIS SHEET 2.73± AC

