

7/20/98  
10:00  
WPT 10/16/98  
anytime

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 570568

A 49645-S

DISTRICT 4th

DATE 7-16-98

DATE SYSTEM APPROVED 7/20/98

INSPECTOR DKS

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

04-359364

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 580 Obrecht Rd, Sykesville, MD 21784 PHONE 410-795-5674

SUBDIVISION Cattail Woods, Sec. II LOT 32 ROAD 1772 Cattail Meadows Drive

PROPERTY OWNER Pulte Home Corporation

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

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

LOCATION - Place distribution box 145 feet up the left (255.45') lot line and 80 feet off that same lot line as seen when facing the lot from Cattail Meadows Drive. Run trenches on contour in both directions.

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 Amy McMillen/Ronald J. Pinkley 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 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 49645 S



10/16/98  
 WPT - ok to cover casing 1' above grade, replacement tag  
 P.A. has 2 piece cap, needs (KM)  
 4' below grade

10/29/98

Replacement tag received from MDE and mailed to 206 Joint Venture as requested.  
 (KM)

HOWARD COUNTY HEALTH DEPARTMENT  
 Bureau of Environmental Health  
 3525-H Ellicott Mills Drive  
 Ellicott City, MD 21043  
 Fax 313-2648 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
 Replacement

Receipt \$ \_\_\_\_\_  
 Date 10/15/98

Name of Installer ROBERT L. FEEZER CO. INC Telephone 410-791-4653

License Number 2122  
 Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner PRITE HOMES Telephone 410-785-1405  
 Subdivision CATTAH Lot # 32 Well Tag # HO-94-1288  
 Site Address 1722 CATTAH WOODS DR.

**Pump**  
 1. Type  
 a. Deep well jet \_\_\_\_\_  
 b. Shallow well jet \_\_\_\_\_  
 c. Submersible   
 2. Make AEP MOTOR  
 3. Model # AT550  
 4. Capacity 5 GPM  
 5. Pump exceeds well capacity Yes \_\_\_\_\_ No   
 6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_  
 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards  Other \_\_\_\_\_

**Motor**  
 1. Horsepower 1/2  
 2. RPM 3450  
 3. Voltage \_\_\_\_\_  
 a. 110 \_\_\_\_\_  
 b. 220

**Pitless Adapter**  
 1. Make UNION  
 2. Model # VT800  
 3. Depth 12" 4

**Tank**  
 1. Capacity 22 GALS  
 2. Pressure relief valve? YES

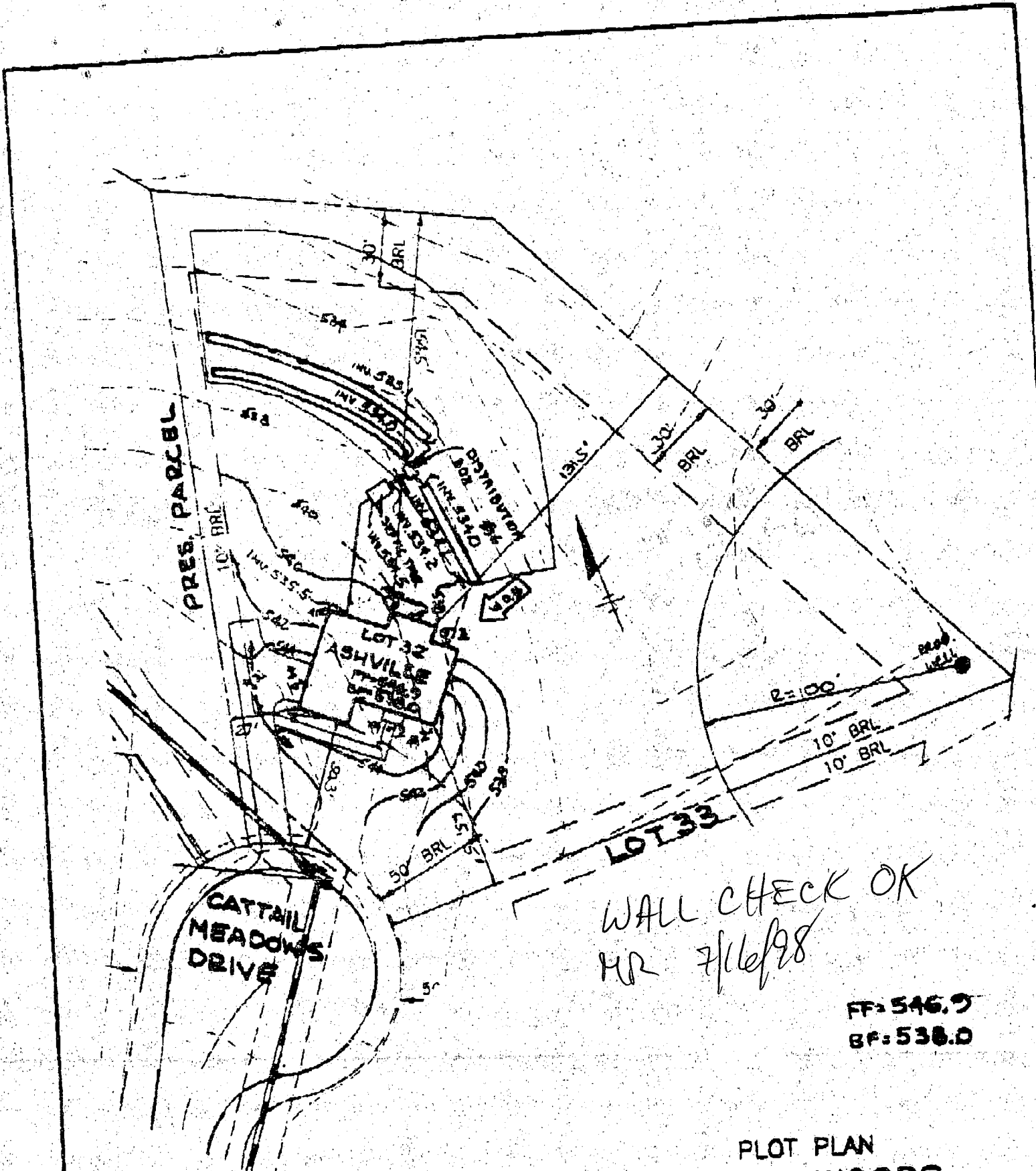
**Piping**  
 1. Type 1"  
 2. Size 160  
 3. NSF and/or BOCA Code approved YES  
 4. Depth of supply line 42'

**Well data**  
 1. Depth 225 ft.  
 2. Yield 55 GPM  
 3. Static water level \_\_\_\_\_ ft.  
 4. Will water supply be disinfected by installer? YES

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.  
 Signature of Applicant: [Signature]  
 Date: 10/15/98

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



WALL CHECK OK  
 MR 7/16/98

FF: 546.9  
 BF: 538.0

PLOT PLAN  
**CATTAIL WOODS**  
 LOT 32  
 SECTION TWO, PARCEL 5

TAX MAP NO. 7 PARCEL 137  
 PLAT NOS. 12500-12502

4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND  
 SCALE: 1"=50' DATE: JUNE 15, 1998

NOTE:  
 FOR SEDIMENT CONTROL FEATURES SEE APPROVED  
 GRADING PLAN GP-97-130

T S A GROUP INC.  
 8480 BALTIMORE NATIONAL PIKE, SUITE 418  
 GAITHERSBURG CITY, MARYLAND 21043

# APPLICATION

## PERCOLATION TESTING

A 49645'S

P \_\_\_\_\_

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

DISTRICT 4th

DATE 9/30/93

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 Parcel 137, Inc. Pulte Home Corp.

ADDRESS 15298 Union Chapel Road Woodbine, MD 21797 PHONE (410) 442-2101

AGENT OR PROSPECTIVE BUYER Engineer: TSA Group, Inc.

ADDRESS 8480 Baltimore National Pike, Ste. 418 Ellicott City, MD 21043 PHONE (410) 465-6105

PROPERTY LOCATION:

SUBDIVISION Cattail Woods - Section 2 LOT NO. 32

ROAD AND DESCRIPTION End of Brittle Branch Way (1772 Cattail Meadows Drive)

TAX MAP 7 PARCEL # 137

LOG. PERMIT NO. 6-24-98  
AND RETURNED Serial # B10112438

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family Dwelling - 4 Bed  
(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. Parcel 137, Inc. Bruce B. Bandal President  
(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'

Empty rectangular box for soil profile notes on the left side.

Empty rectangular box for soil profile notes on the left side.

Empty rectangular box for soil profile notes on the left side.


SOIL PROFILE

0'

Empty rectangular box for soil profile notes on the right side.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

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

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

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

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 496455

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 9-27-93

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 Bruce Brendle

ADDRESS 15298 Union Chapel Rd PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Joint Venture

ADDRESS 1555 Union Chapel Rd PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Cattail Woods Sec II LOT NO. 32

ROAD AND DESCRIPTION Rt 97 sld

TAX MAP 7 PARCEL # 137

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.

(SIGNATURE OF APPLICANT)

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

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

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

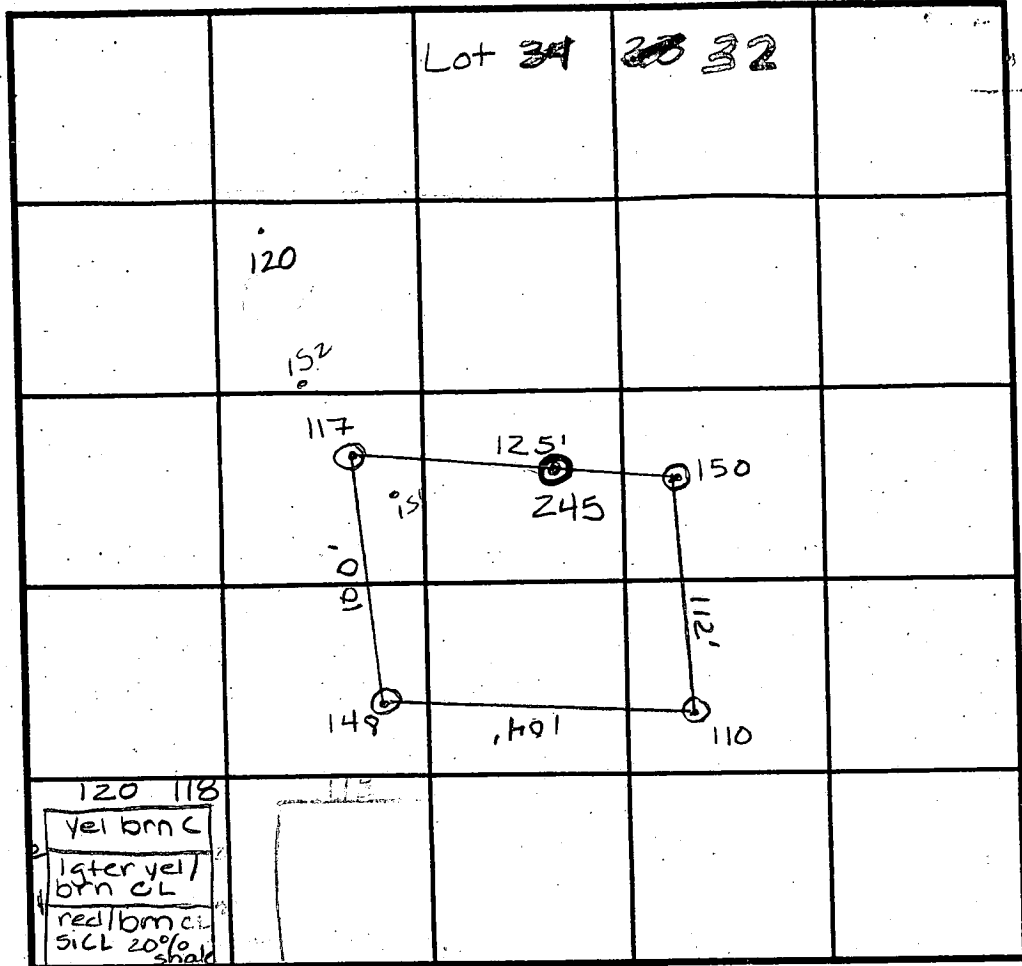
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

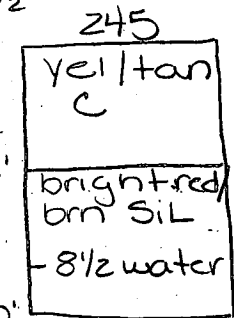
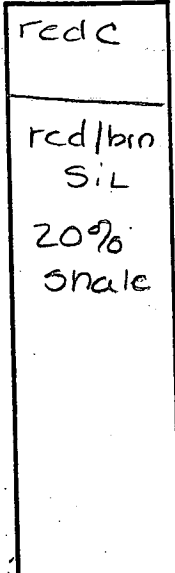
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

A496455  
COUNTY #



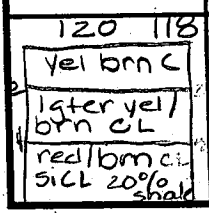
SOIL PROFILE 117



SOIL PROFILE 150  
0' orange/bm c  
3' brn w/ some red sil  
4' shelf of bedded decayed shale (horiz) possible mottles OK  
11 1/2'

146-149  
red c w/ yellow orange/brn streaks were rocks are  
2' brn sil  
6' shelf of bedded (horizontal) decayed shale  
11 1/2'

148  
yel/brn c  
5 1/2' red/brn sil  
2' hard bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

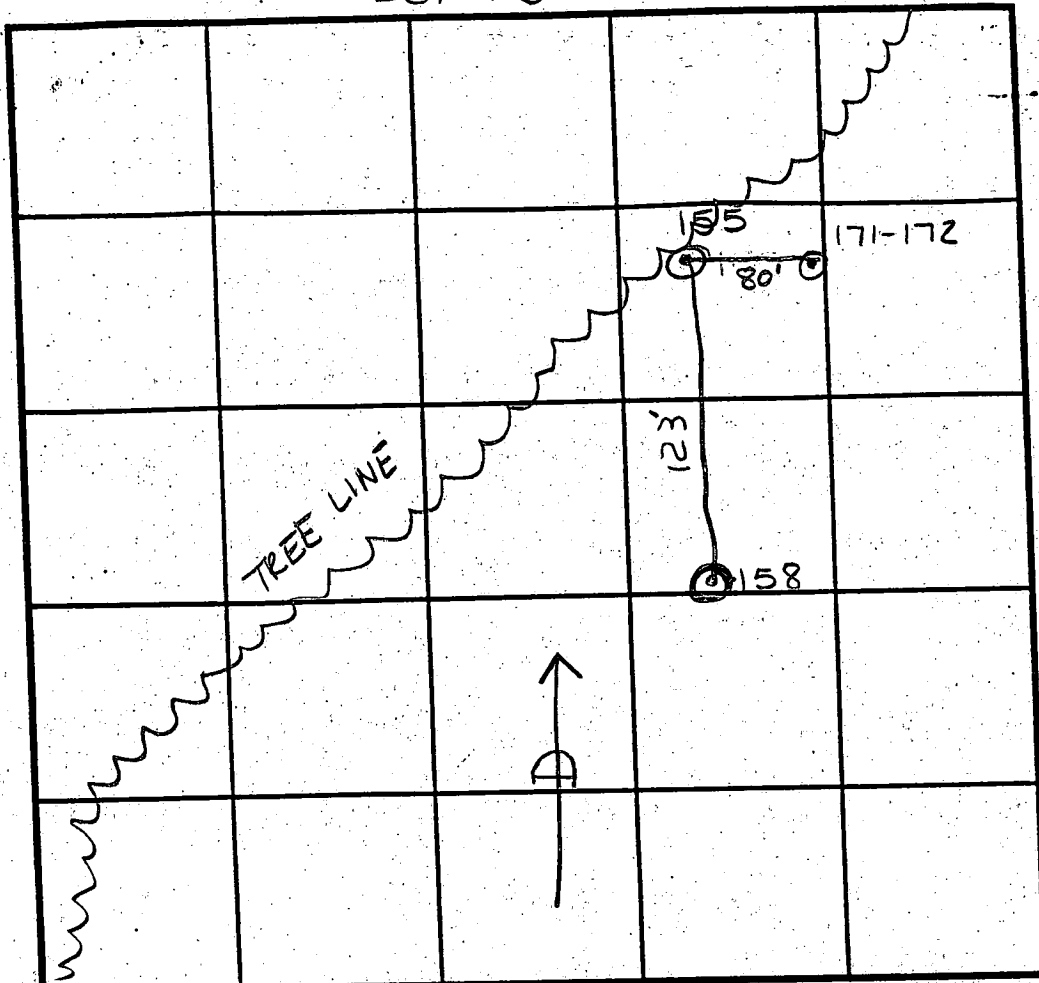
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/9/93	150	3' VII 1/2'	1:16	1:18 <sup>30</sup>	1:18 <sup>30</sup>	1:22	3 1/2 min
		6 1/2' VII 1/2'	1:37 <sup>15</sup>	1:42	1:42	1:57	15 min
	146-149	2' VII 1/2'	1:12 <sup>15</sup>	1:14 <sup>30</sup>	1:14 <sup>30</sup>	1:18	3 1/2 min
	148	6' VI 2'	1:26 <sup>15</sup>	1:28	1:28	1:40	12 min
	117	3' VI 2'	1:08	1:08 <sup>30</sup>	1:08 <sup>30</sup>	1:10	1 1/2 min
3/16/94	245	Visual to 10'	- water				F
11/3/93	(120)	2' VI 2'	1:56 <sup>30</sup>	1:00 <sup>15</sup>	1:00 <sup>15</sup>	1:05 <sup>30</sup>	5 1/4 min
	(118)	3' VI 3'	1:57 <sup>35</sup>	1:57 <sup>50</sup>	1:57 <sup>30</sup>	1:58	15 sec
	(118)	repour	1:59 <sup>30</sup>	2:00 <sup>15</sup>	2:00 <sup>15</sup>	2:02 <sup>15</sup>	2 min

HOLD FOR WET

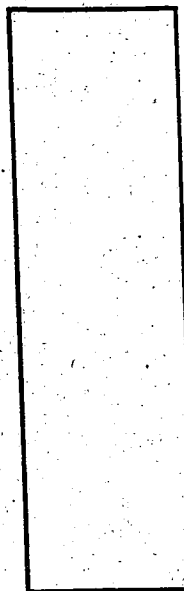
REMARKS Hold for wet season perc  
 TYPE OF SOIL Glenora Loam  
 TESTED BY Amy McMillen / J. Nadeau ALSO PRESENT B. SANDERS  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7' TRENCH WIDTH 3'  
 INLET DEPTH 5 1/2' MAXIMUM BOTTOM DEPTH 7' SQ. FT./BEDROOM 210 ft<sup>2</sup>

Lot 15

COUNTY #  
 SOIL PROFILE  
 10' 171-172  
 red CL  
 3' brn CL  
 4' Brn Sil  
 7 1/2' shaley o/c  
 11 1/2'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

155  
 brn C  
 2' brn Sil  
 20% shale  
 12' >30% shale

158  
 brn/red C  
 2' tan/brn Sil  
 w/ red streaks  
 30-40% shale

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
12/1/93	171-172	3 1/2' / V 11 1/2'	11:47	11:49	11:49	11:53	4min
11/15/93	155	2' / V 12'	1:58	1:59	1:59	2:00	1min
11/15/93	158	2' / V 12'	1:58	1:59	1:59	2:00	1min
		repour	2:01	2:02	2:02	2:05	2 1/2 min F
				TOO FAST	FOR AMT.	OF ROCK	

REMARKS *Other 2 holes weren't dug most likely too rocky*

TYPE OF SOIL *Glenn Co. Loam*

TESTED BY *Amy McMullen / C. Williams*

ALSO PRESENT *B. SANDERS*

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

TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_

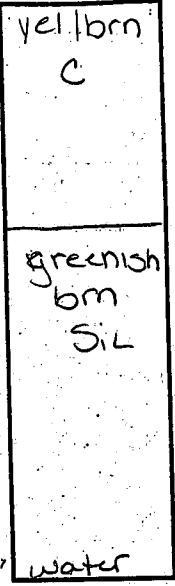
MAXIMUM BOTTOM DEPTH \_\_\_\_\_

SQ. FT./BEDROOM \_\_\_\_\_

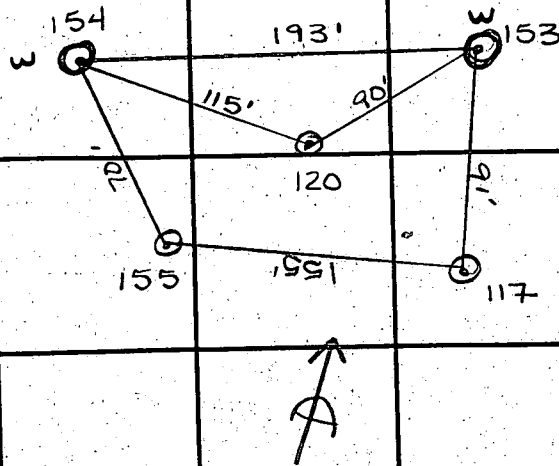
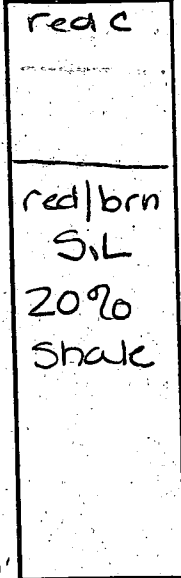
COUNTY #

Lot 33

SOIL PROFILE 154

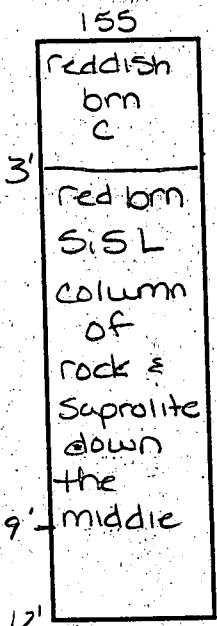
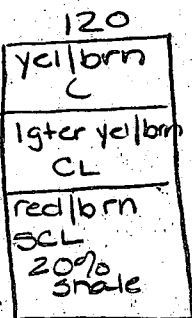


SOIL PROFILE 117



4'

12 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/9/93	154	V 9'	F - water at 9'				(F)
	155	6 1/2' V 12'	2:20	2:23	2:23	2:29	6min
		3' V 12'	2:11	2:13 <sup>15</sup>	2:13 <sup>15</sup>	2:15 <sup>30</sup>	2 1/4min
	153	V 6'	water at 4'				(F)
	117	3' V 12 1/2'	2:51 <sup>45</sup>	2:52 <sup>15</sup>	2:52 <sup>15</sup>	2:58	5 3/4min
	120	2' V 12'	1:56 <sup>30</sup>	1:00 <sup>15</sup>	1:00 <sup>15</sup>	1:05 <sup>30</sup>	5 1/4min

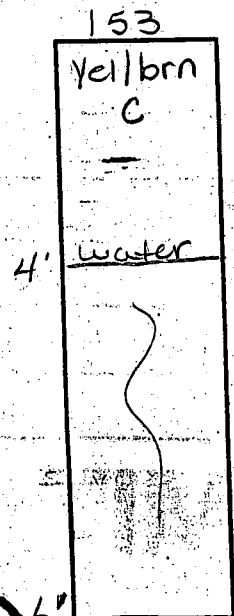
REMARKS Hold low hoks for wet season perc

TYPE OF SOIL Glendy Loam

TESTED BY A. McMillen / Q. Nadeau ALSO PRESENT B. SANDERS

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

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



COUNTY #

SOIL PROFILE

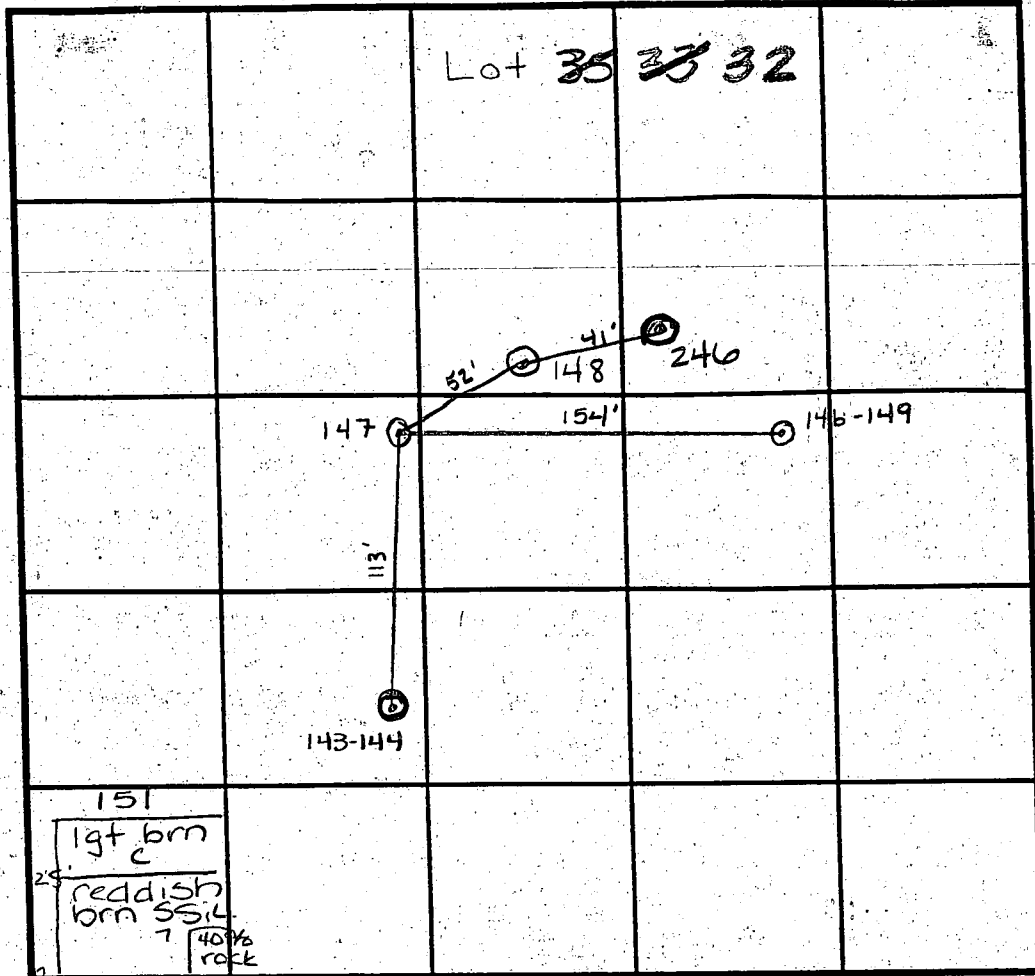
147

yell  
brn  
C

red  
SiL

143-144

yell  
brn  
C



SOIL PROFILE

246

red/brn  
C

SSiL  
brn  
w/  
suprolite  
throughout  
pockets  
of >50%

water

148 151

yell/brn  
C

red brn  
SiL

12' hard bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/9/93	147	5' VII'	1:30 <sup>30</sup>	1:39	1:39	1:50	11min
	143-144	Clay to 8'					F
	146-149	2' VII 1/2'	1:16	1:18 <sup>30</sup>	1:18 <sup>30</sup>	1:22	3 1/2 min
3/16/94	246	Visual to 12' water/rock					F
12/9/93	148	6' VI 2'	1:26 <sup>15</sup>	1:28	1:28	1:40	12min
11-4-93	(151)	2' VI 2'	11:33	11:35	11:35	11:43	8min
	(151)	6' VI 2'	11:43 <sup>30</sup>	11:44 <sup>15</sup>	11:44 <sup>15</sup>	11:46	13 1/4 min
	(152)	2' VI 2'	1:22	1:43	1:43	>30	slow
	(152)	4' VI 2'	2:37 <sup>15</sup>	2:41	2:41	2:46	5min

REMARKS Shallow only

TYPE OF SOIL Glenn loam

TESTED BY A. McMillen / A. Nadeau ALSO PRESENT B. SANDERS

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

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

8'

146-149  
red c w/  
yellow &  
orange/brn  
streaks  
were rocks  
are

2' brn SiL

6' shelf of  
bedded  
(horizontal)  
decayed  
shale

11 1/2' OK

COUNTY #

SOIL PROFILE

150

orange  
brn c

brn w/  
some  
red sil

shelf of  
bedded  
decayed  
shale (horiz)  
possible  
mottles  
OK

146-149

red c w/  
yellow  
orange/brn  
streaks  
were rocks  
are

brn sil

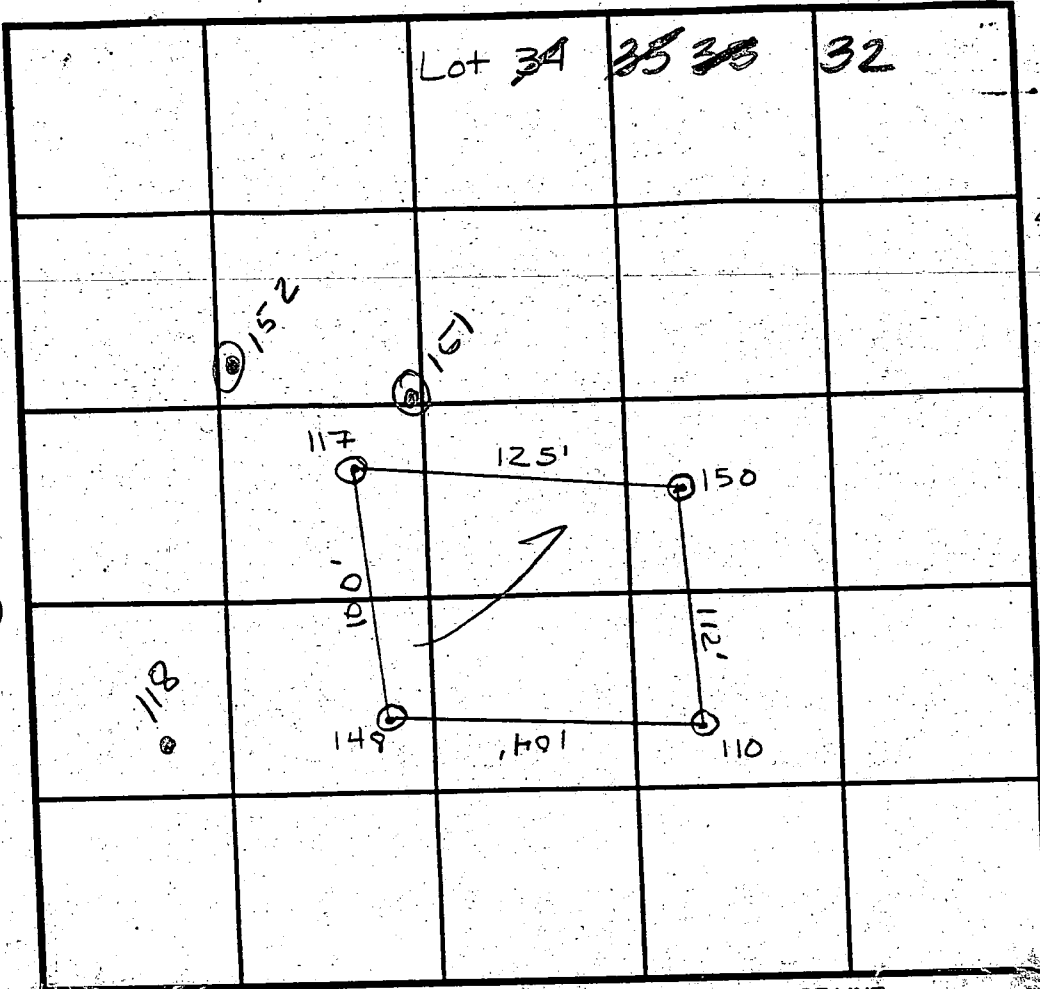
shelf of  
bedded  
(horizontal)  
decayed  
shale

148

yel | brn  
c

red | brn  
sil

Lot ~~34~~ ~~35~~ 32



SOIL PROFILE

117

red c

red | brn  
sil

20%  
shale

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/9/93	150	3' VII 1/2	1:16	1:18 <sup>30</sup>	1:18 <sup>30</sup>	1:22	3 1/2 min
		6 1/2' VII 1/2	1:37 <sup>15</sup>	1:42	1:42	1:57	15 min
	146-149	2' VII 1/2	1:12 <sup>15</sup>	1:14 <sup>30</sup>	1:14 <sup>30</sup>	1:18	3 1/2 min
	(148)	6' VII 1/2	1:26 <sup>15</sup>	1:28	1:28	1:40	12 min
	(117)	3' VII 1/2	1:08	1:08 <sup>30</sup>	1:08 <sup>30</sup>	1:10	1 1/2 min

HOLD FOR WET

REMARKS Hold for wet season perc

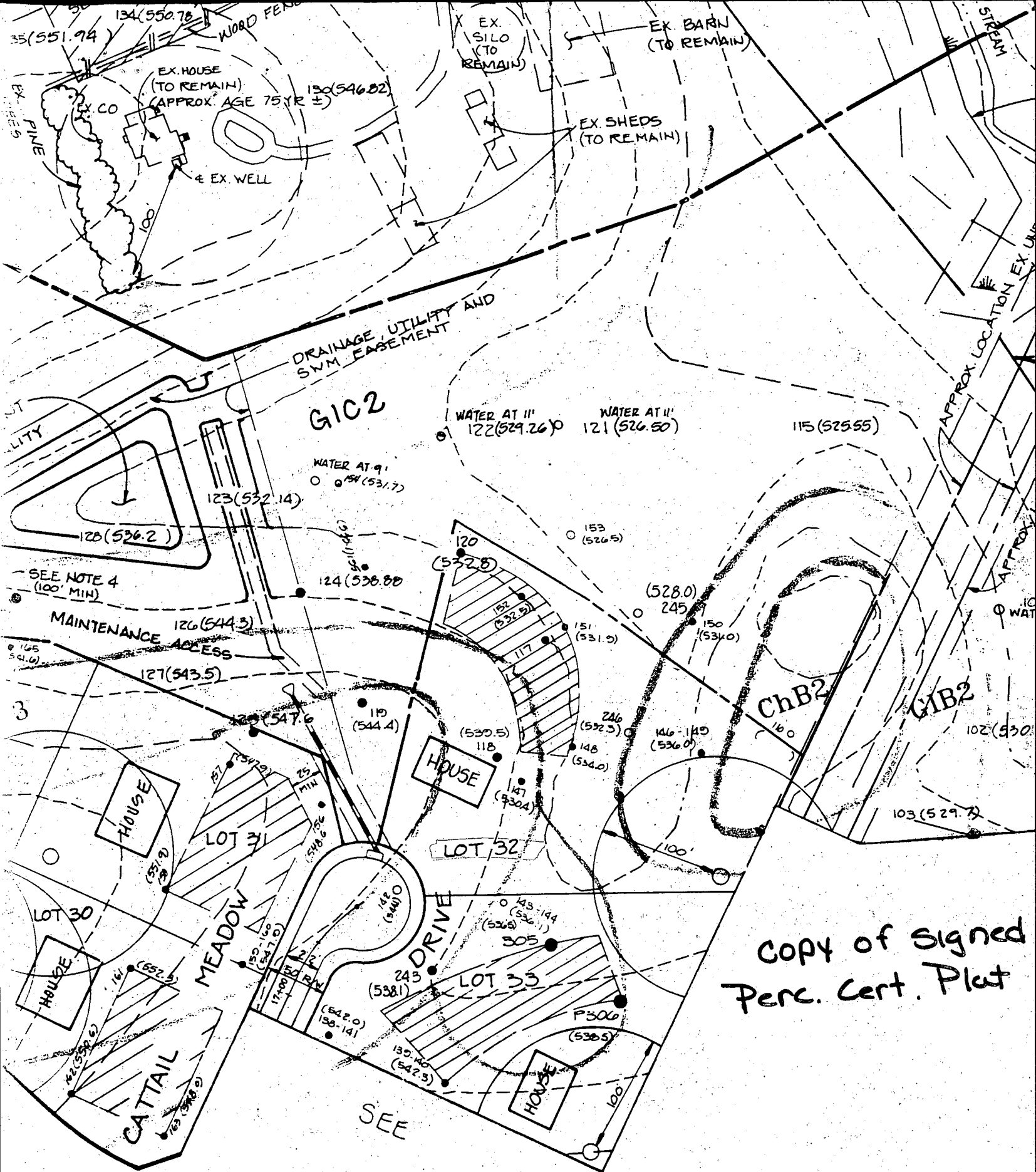
TYPE OF SOIL Glenelg Loam

TESTED BY Amy McMiller / J Nadeau ALSO PRESENT B. SANDERS

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7' TRENCH WIDTH 3'

INLET DEPTH 5' MAXIMUM BOTTOM DEPTH 7' SQ. FT/BEDROOM 210 ft<sup>2</sup>

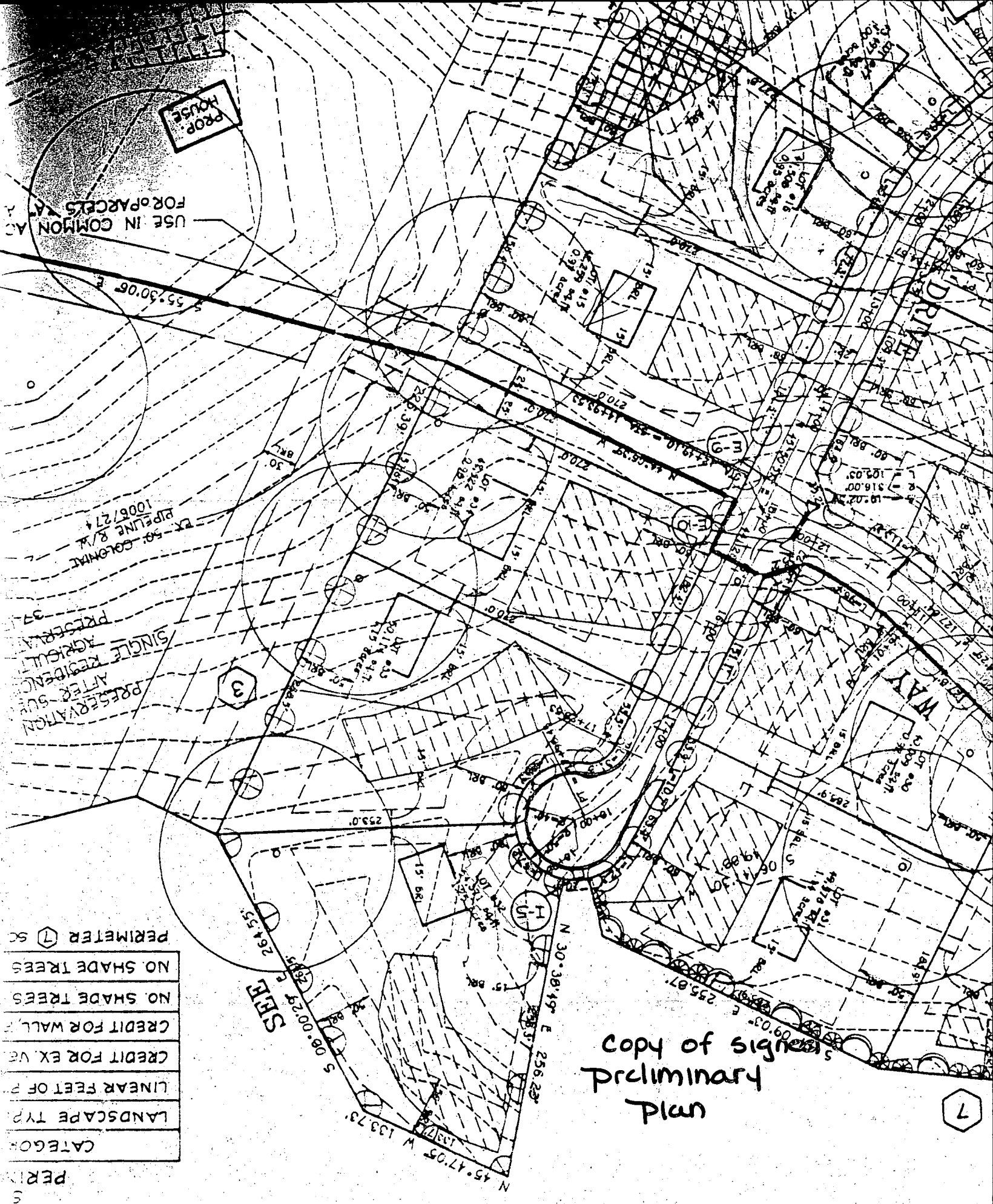
12' hard bottom



COPY of Signed  
 Perc. Cert. Plat

PERIMETER	7 SC
CATEGORY	
LANDSCAPE TYPE	
LINEAR FEET OF PERIMETER	
CREDIT FOR EXPOSED PERIMETER	
CREDIT FOR WALLS	
NO SHADE TREES	
NO SHADE TREES	

Copy of signed preliminary plan



USE IN COMMON ACROSS PARCELS

PROP HOUSE

EX 50-COLONIAL PIPELINE R/W 1006/27

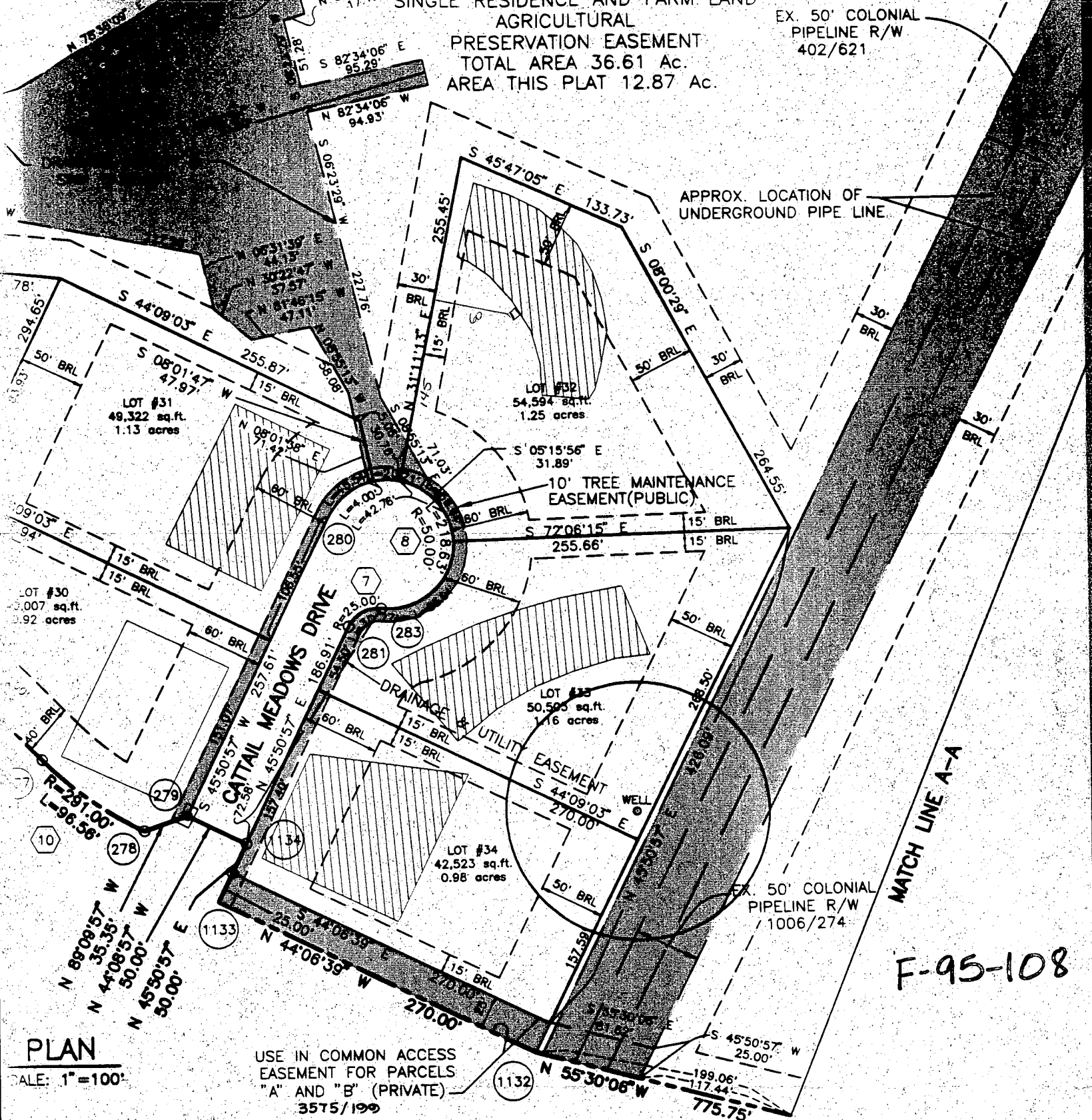
PRESERVATION AFTER SINGLE RESIDENTIAL AGRICULTURE

SHE

7

SINGLE RESIDENCE AND FARM LAND  
 AGRICULTURAL  
 PRESERVATION EASEMENT  
 TOTAL AREA 36.61 Ac.  
 AREA THIS PLAT 12.87 Ac.

EX. 50' COLONIAL  
 PIPELINE R/W  
 402/621



APPROX. LOCATION OF  
 UNDERGROUND PIPE LINE.

10' TREE MAINTENANCE  
 EASEMENT (PUBLIC)

DRAINAGE &  
 UTILITY  
 EASEMENT

EX. 50' COLONIAL  
 PIPELINE R/W  
 1006/274

MATCH LINE A-A

F-95-108

PLAN  
 SCALE: 1"=100'

USE IN COMMON ACCESS  
 EASEMENT FOR PARCELS  
 "A" AND "B" (PRIVATE)  
 3575/199

OWNER'S DEDICATION

SHOWN HEREON IS CORRECT.  
 CREATED ON  
 RECORDED IN THE LAND RECORDS  
 MONUMENTS ARE IN PLACE OR  
 OF THE STREETS IN THE  
 IN ACCORDANCE WITH THE

206 JOINT VENTURE, A MARYLAND JOINT VENTURE CONSISTING OF PARCEL 137, INC. AND G&L L...  
 OWNERS OF THE PROPERTY SHOWN HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN  
 OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH  
 RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS  
 TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES  
 SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS, AND THE SPECIFIC EASEMENTS  
 HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND  
 FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDER  
 GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE B  
 AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICAB  
 TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE  
 CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE O  
 BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAY, WITNESS OUR HANDS THIS

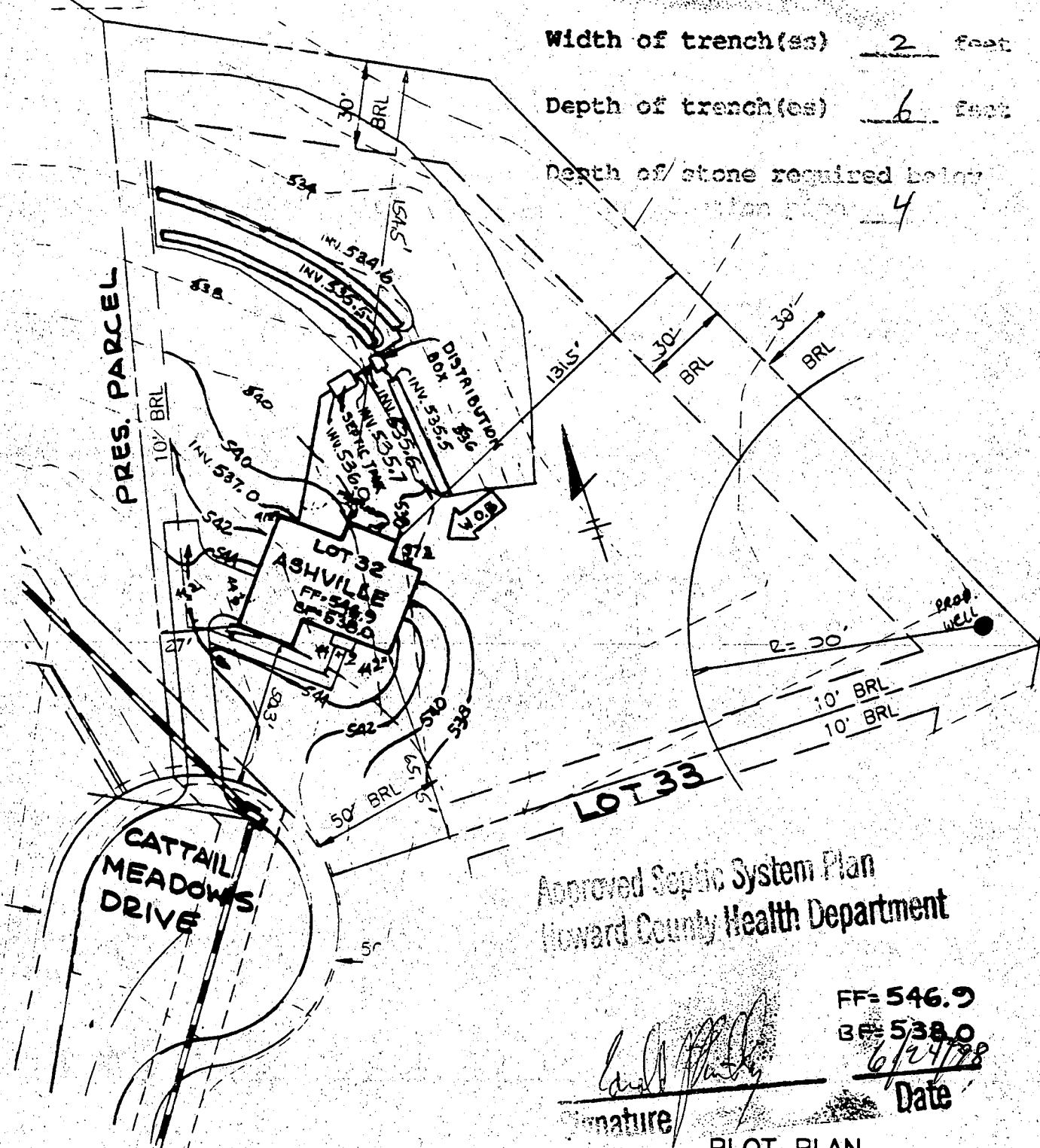


Total linear feet of trench  
required 280 feet

Width of trench(es) 2 feet

Depth of trench(es) 6 feet

Depth of stone required below  
bottom of trench 4



Approved Septic System Plan  
Howard County Health Department

*Carl [Signature]*  
Signature  
FF= 546.9  
BF= 538.0  
6/24/98  
Date

PLOT PLAN

CATTAIL WOODS

LOT 32

SECTION TWO, PARCEL 5

TAX MAP NO. 7 PARCEL 137

PLAT NOS. 12500-12502

4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND

SCALE: 1"=50' DATE: JUNE 24, 1998

NOTE:

FOR SEDIMENT CONTROL FEATURES SEE APPROVED  
GRADING PLAN GP-97-130.

T S A GROUP INC.

8480 BALTIMORE NATIONAL PIKE, SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
410) 465 - 6105

C1 09467 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 GOLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A49645-5

ST/CO USE ONLY DATE RECEIVED 10/19/97

DATE WELL COMPLETED 10 03 97

Depth of Well 227 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-1288

OWNER 206 Joint Venture last name (Cattail) Meadows Drive first name TOWN Lisbon STREET OR RFD SUBDIVISION Cattail Woods SECTION LOT 32

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box) YES Y NO N TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 27 NO. OF POUNDS 2538 GALLONS OF WATER 162 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 79 ft.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 23 PUMPING RATE (gal. per min.) 5.5 METHOD USED TO MEASURE PUMPING RATE submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 15 WHEN PUMPING 182 TYPE OF PUMP USED (for test) S submersible

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 Dirt, Soft Br. Shale & Clay, Br. Shale, Blue & Br. Shale, Br. Shale, Blue Schist.

CASING RECORD casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot) S T 6 81

OTHER CASING (if used) diameter depth (feet) P L 4 0 from 80 to 150 4 160 210 4 220 227

SCREEN RECORD screen type or open hole insert appropriate code below ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES Y NO N

CIRCLE APPROPRIATE LETTER 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.

DRILLERS LIC. NO. I M W D 256 Dana Kyker Jr. II DRILLERS SIGNATURE

LIC. NO. I M W D 256 Dana Kyker Jr. II SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with rows for casing height and screen diameter. Includes casing height above and below land surface.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 11 227

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

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) YES NO

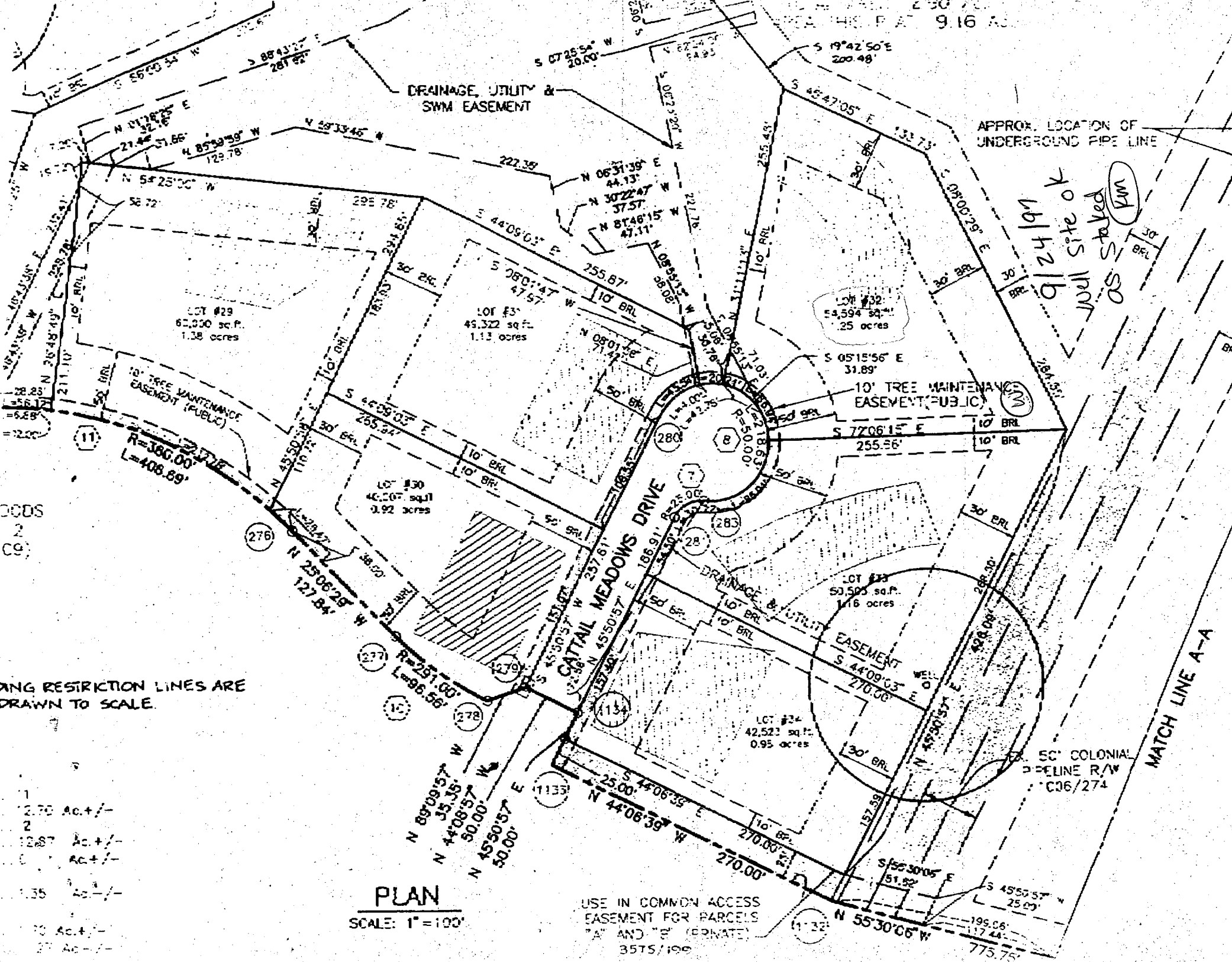
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 2 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

Cattail Meadows Drive Dwell



DRAINAGE, UTILITY & SWM EASEMENT

APPROX. LOCATION OF UNDERGROUND PIPE LINE

9/24/91  
well site ok  
as staked  
AS STAKED  
KAM

LOT #29  
62,890 sq. ft.  
1.38 acres

LOT #3  
43,322 sq. ft.  
1.13 acres

LOT #32  
4,594 sq. ft.  
.25 acres

10' TREE MAINTENANCE EASEMENT (PUBLIC)

LOT #30  
46,207 sq. ft.  
1.02 acres

LOT #33  
50,505 sq. ft.  
1.16 acres

LOT #24  
42,522 sq. ft.  
0.93 acres

CCDS  
2  
CO

DRAINING RESTRICTION LINES ARE DRAWN TO SCALE.

- 1 2.70 Ac +/-
- 2 12.87 Ac +/-
- 3 1.00 Ac +/-
- 4 1.35 Ac +/-
- 5 1.70 Ac +/-
- 6 2.70 Ac +/-

PLAN  
SCALE: 1" = 100'

USE IN COMMON ACCESS EASEMENT FOR PARCELS 'A' AND 'B' (PRIVATE)  
35TS/199

MATCH LINE A-A

50' COLONIAL PIPELINE R/W  
C06/274

APPLICATION

HOWARD COUNTY

# PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT  
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER

B00112438

B00112438

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

1772 Cattail Meadows Drive  
Woodblaine, MD 21797

GRADING/SEDIMENT CONTROL  YES  NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

Model: Ashville  
Plans on file  
2 story, full beam, 10r, 2fb, 1hb  
E & garage (4BR), fin ll, opt. deck

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
32						
SUB DIVISION		ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.	
Cattail Woods		R-7	F-7	4	400	

OWNER NAME AND ADDRESS PHONE NO.  
 Puite Home Corporation (410) 644-5003  
 1501 S. Edgewood st., #K  
 Baltimore, MD 21227

OCCUPANT'S NAME AND ADDRESS PHONE NO.  
 N/A

ARCHITECT OR ENGINEER'S NAME AND ADDRESS PHONE NO.  
 Same as owner

CONTRACTOR'S NAME AND ADDRESS PHONE NO.  
 Same as owner

EXISTING USE PROPOSED USE  
 vacant lot RFD

EST. CONSTRUCTION COST LICENSE NUMBER PERMIT FEE  
 117,000.00

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
4344	32'	46'	10'
	32'	30'	10'
	32'	36'	10'

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS	1001		Asph
ROOMS	1175		Gable
BATHS			
FIREPLACES	1087		

FOOTINGS	FOUNDATION	S. WALLS
10' x 8"	3' CONC	3/4" fra
		SLURRY

UTILITIES					
WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been complied with.

SIGNATURE: Const. Appl. 1998 6/16/98  
 TITLE: DATE

### FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE \_\_\_\_\_  
 SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE) \_\_\_\_\_  
 TO SIDE BUILDING LINE \_\_\_\_\_  
 DISTANCE IN FEET, REAR YD. REQUIRING SET \_\_\_\_\_  
 BACK (CORNER LOT ONLY) \_\_\_\_\_ SDP # \_\_\_\_\_

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

**CAUTION**  
 To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.  
 Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	6/24/98	[Signature]
FIRE PROTECTION		
STORM WATER MGM.		

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 Distribution of Copies:  
 White - Building Official  
 Green - Planning & Zoning  
 Yellow - Engineering  
 Pink - Health Dept.  
 Gold - S.H.A.

496755

Building Address <u>1772 Cattail Meadows Dr.</u> <u>Woodbine MD 21797</u>	Property Owner's Name <u>Pamela &amp; David McKue</u> Address <u>1772 Cattail Meadows Dr</u> City <u>Woodbine</u> State <u>MD</u> Zip Code <u>21797</u>
Suite/Apt. #: _____ SDP/WP/Petition #: _____ Census Tract <u>6040</u> Subdivision <u>Cattail Woods</u> Section <u>2</u> Area _____ Lot <u>32</u> Tax Map <u>7</u> Parcel <u>519</u> Grid <u>24</u> Zoning <u>RC DEO</u> Map Coordinates <u>3E12</u> Lot size <u>54,591 sq ft</u>	Home Phone <u>301-596-7454</u> Work Phone _____ Applicant's Name & Mailing Address (if other than stated hereon): <u>Dana L. Krausczyk</u> MARYLAND POOLS 9515 GERWIG LANE, SUITE 119 COLUMBIA, MD 21046 Phone <u>410-995-6600</u> Fax _____

Existing Use <u>SFD</u> Proposed Use <u>SFD w/ pool &amp; fence</u> Estimated Construction Cost \$ <u>20,000</u> Description of Work <u>27x40' = 720 sq ft irregular concrete</u> <u>part 3'-8" deep concrete filter filled by truck</u> <u>296 sq ft of 4' high wood fence</u>	Contractor Company <u>Wayward Pools Inc.</u> Contact Person _____ Address <u>9515 Gerwig Lane, Suite 119</u> <u>Columbia, MD 21046</u> City _____ State _____ Zip Code _____ License No. <u>16694</u> Phone <u>410-695-1600</u> Fax _____
--	---

Occupant or Tenant _____ Contact Name <u>Dana Krausczyk</u> Address _____ City _____ State _____ Zip Code _____ Phone <u>410-995-6600</u> Fax _____	Engineer or Architect Company _____ Contact Person _____ Address _____ City _____ State _____ Zip Code _____ Phone _____ Fax _____
---	--

BUILDING DESCRIPTION - COMMERCIAL		BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities	Building Characteristics	Utilities
Height: _____	Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private	SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
No. of stories: _____	Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private	1st floor: _____	Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>	2nd floor: _____	Basement: <input type="checkbox"/> Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/>
Use group: _____	Heating System: Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>	Basement: Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: <input checked="" type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame  <input type="checkbox"/> State Certified Modular	Sprinkler system: N/A <input type="checkbox"/> Full _____ Partial _____ Other Suppression _____ # of Heads _____	Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	Heating System: Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
		Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____  State Certified Modular _____ Manufactured Home _____	Sprinkler system: N/A <input type="checkbox"/> NFPA #13D _____ NFPA #13R _____ Other: _____

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 THE PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Dana L. Krausczyk Print Name: Dana L. Krausczyk  
 Title/Company: MDI Date: 10/4/00

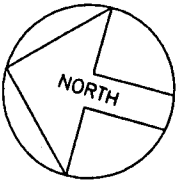
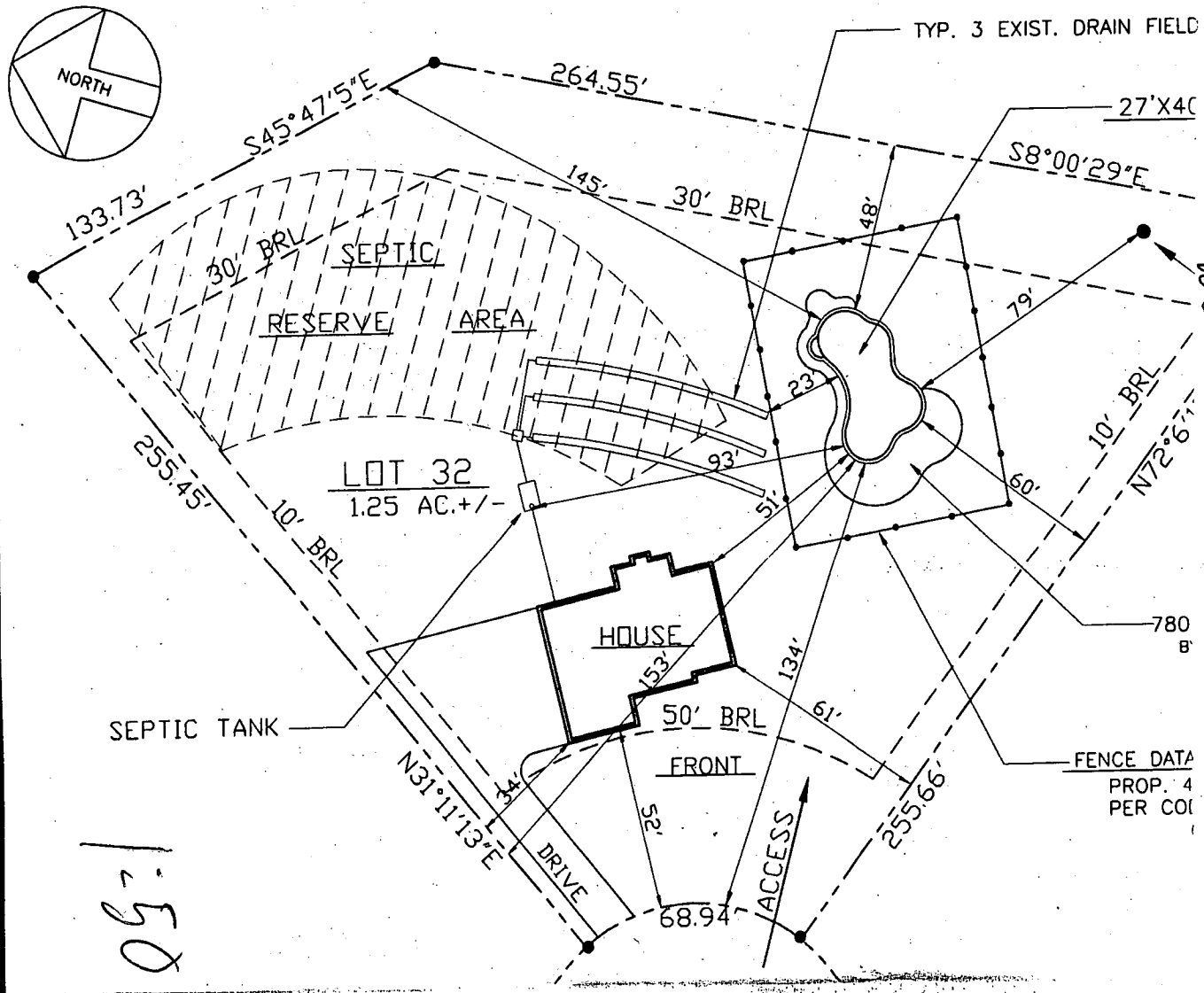
Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
 \*\* PLEASE WRITE NEATLY AND LEGIBLY \*\*

<b>AGENCY</b> Land Development DPZ State Highways _____ Building Official <u>10/4/00</u> Dev. Engineering DPZ Health <u>10/4/00</u> Fire Protection _____ Is Sediment Control approval required prior to issuance? YES <input type="checkbox"/> NO <input type="checkbox"/>	<b>DATE</b> <u>10/11/00</u> <b>SIGNATURE APPROVAL</b> <u>[Signature]</u> <b>DPZ SETBACK INFORMATION</b> Front: _____ Rear: <u>10 FT</u> 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 New Town <u>100%</u> SDP/Red-line approval date _____	<b>PROPERTY ID#</b> <u>36315</u> Filing fee \$ _____ Permit fee \$ <u>125</u> Excise tax \$ _____ Sub-total paid \$ _____ Add'l permit fee \$ _____ <b>TOTAL FEES</b> \$ <u>125</u> Balance due \$ _____ Check # <u>2164</u> Validation # <u>3386</u>	<b>CONTINGENCY CONSTRUCTION START:</b> <input type="checkbox"/> <b>ONE STOP SHOP:</b> <input type="checkbox"/>
---	---	--	---

REAR PL.	10'
SIDE PL.	10'
HOUSE	0
SEPTIC	20'
WELL	30'

PRIVATE WELL  
& SEPTIC

NOTE: A VACUUM BREAKER  
WILL BE INSTALLED  
ON JOB AS PER  
CODE.



1:50

10/4/00  
 (RD)  
 POOL PERMIT RUNNER  
 ADVISED THAT NO  
 ROOM FOR ERROR IN  
 POOL CONST. REMAINS