

LAYOUT 2/4/03 3AM INSP 4
INSP 2 2/6/03 3pm INSP 5
INSP 3 2/10/03 1:30pm INSP 6
ISSUE DATE: 2/12/03 1/27/2003

APPROVAL DATE: 2/12/03

**PERMIT
INDEXED**

P 518521

A 50857-C

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐
ADDRESS: 580 Obrecht Road PHONE NUMBER: 410-795-5670
SUBDIVISION: High Forest Estates LOT NUMBER: 30
ADDRESS: 15178 Sapling Ridge Drive PROPERTY OWNER: Big Branch Overlook, LLC
SEPTIC TANK CAPACITY (GALLONS): 1500 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 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on approved site plan. Run trenches on contour.
NOTES:	

PLANS APPROVED: Steven R. Krieg DATE: 9/30/2002

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**

BUILDING PERMITS SIGNED AND RETURNED **PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

6-19-03 BOD142584-DECK + PORCH
8-4-04 BOD149737-FINISHED BASEMENT

A50857-C

GRID NORTH

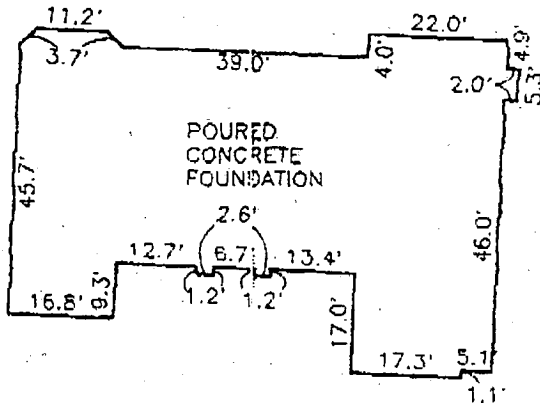
HOMEOWNERS ASSOCIATION
OPEN SPACE LOT 35

LOT 29

LOT 34

LOT 31

LOT 30



FOUNDATION DETAIL

SCALE: 1" = 30'

1/27/03

House consistent
with approved B.P.
plan. **BB**

TOP OF FOUNDATION WALL ELEVATION = 478.1'
OFFSET DIMENSIONS TO PROPERTY LINES ARE $\pm 1'$

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 11/19/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCHI GROUP P.C., INC. ENTITLED "HIGH FOREST ESTATES LOTS 1 THROUGH 50", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 13951


High Forest
Lot - 30

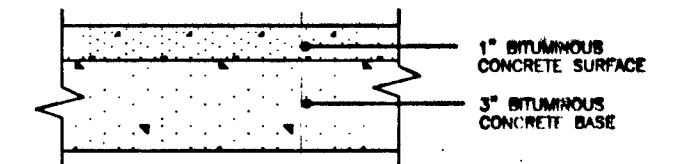
15178 Sapling Ridge Dr.

David M. Hennes

Benchmark

NOTES:

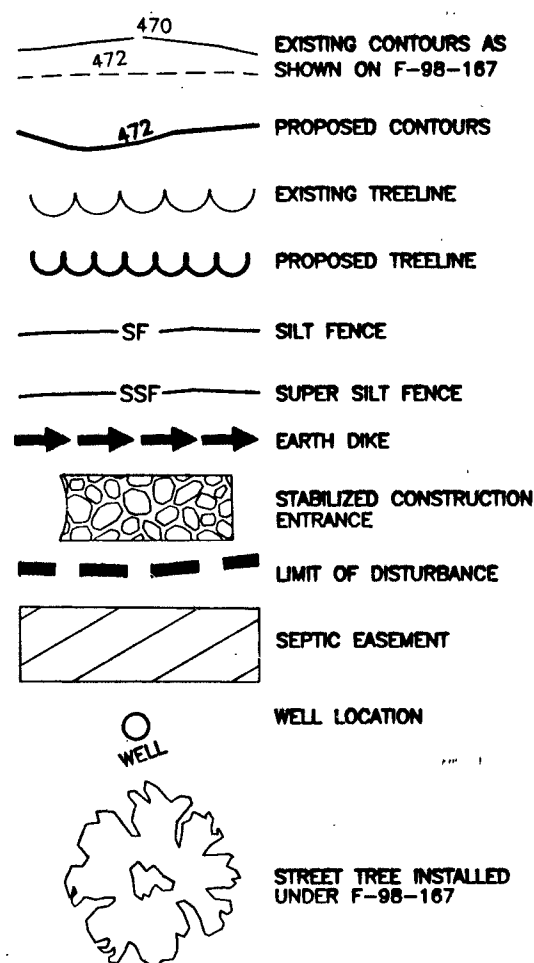
1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13961. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE 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 SOIL CONSERVATION DISTRICT UNDER GP-01-176.
4. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
5. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
6. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.



FULL DEPTH BIT. CONC. ALTERNATIVE

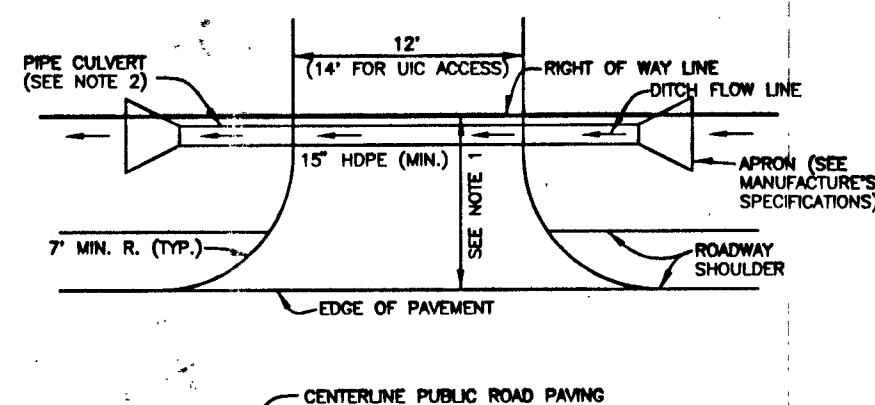
P-1 PAVING DETAIL
NOT TO SCALE

LEGEND



DRIVEWAY CULVERT NOTES:

1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT-OF-WAY USING STANDARD PAVING SECTION P-1 AS SHOWN ON H.O.C.O. STD. R-2.01 OR AN ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
2. DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM.
3. ALL DRIVEWAY CULVERT PIPES ARE TO BE 15" HDPE OR GREATER TO PREVENT BLOCKING. HDPE APRONS ARE TO BE INSTALLED AT EACH END OF THE CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS. IF A LARGER PIPE IS REQUIRED THE DITCH INVERT CAN BE LOWERED TO PROVIDE A MINIMUM DITCH GRADIENT OF 0.5% AND THE CLEARANCE SHOWN.
4. SWALE FLOW MUST 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. TIE-IN GRADE OF DRIVEWAY SHALL NOT EXCEED 14%.
6. SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.



DRIVEWAY CULVERT
NOT TO SCALE

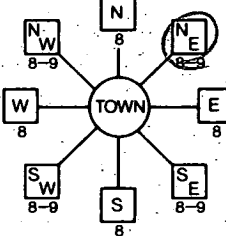
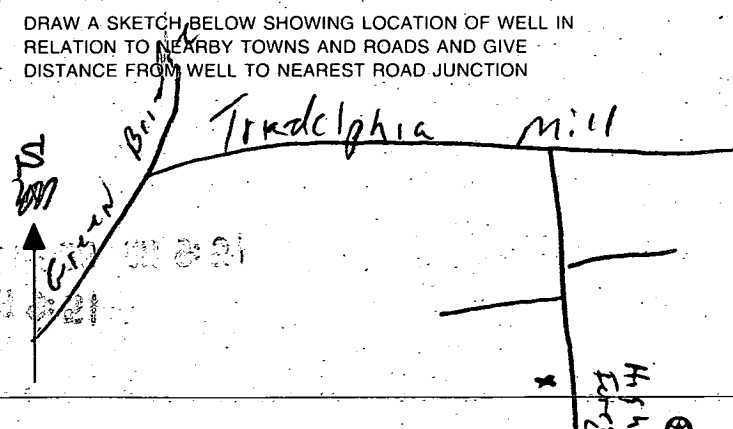
PLAN

SCALE: 1" = 30'

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.
6480 BALTIMORE NATIONAL PIKE & SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644

BUILDER: TOLL BROTHERS, INC.
7164 COLUMBIA GATEWAY DRIVE
SUITE 230
COLUMBIA, MARYLAND 21046
410-872-9105

PROJECT: HIGH FOREST ESTATES LOT 30	
LOCATION: 15178 SApLING RIDGE DRIVE TAX MAP 27, GRID 8 - PARCEL 140,141,142 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE: PLOT PLAN	
HOUSE TYPE: COVENTRY	
DATE: JULY 29, 2002	PROJECT NO. 1362
SCALE: AS SHOWN	DRAWING 1 OF 1

B 1 1 2 3 6 9758	SEQUENCE NO. (MDE USE ONLY) 051105411G	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-3354 <small>fill in this form completely</small>
Date Received (APA) 02/28/02 8 MM DD YY 13 FOLE Brothers 15 Last Name Owner First Name 34 14203 Howard Rd 36 Street or RFD 55 Dartton Md. 21036 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL 8 COUNTY Howard 21 23 SUBDIVISION High Forest Estates 42 SECTION 44 46 LOT 30 48 50 Blencly 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 4 73 M 76 77 78	
DRILLER INFORMATION Allen Crompton M SD 009 Driller's Name 76 License No. 81 Foyles Well Drilling Firm Name 580 Obrecht rd. Address Allen Crompton 2-27-02 Signature Date		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 High Forest CT 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <input checked="" type="checkbox"/> WEST <input type="checkbox"/> EAST <input type="checkbox"/> SOUTH <input type="checkbox"/> 34 20 37 DISTANCE FROM ROAD FT ENTER FT OR MI 38 39 TAX MAP: 27 BLK: 11 PARCEL 147	
B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NOT TO BE FILLED IN BY DRILLER- HEALTH DEPARTMENT APPROVAL Howard (13) A50857-C COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S → 41 DATE ISSUED 03/13/02 Karen J. Jandels 03/13/03 43 MM DD YY 48 CO-SIGNATURE EXP. DATE NORTH GRID 511 000 EAST GRID 0795 000 50 55 57 63	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 <input type="radio"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="radio"/> PUBLIC WATER SUPPLY WELL <input type="radio"/> TEST, OBSERVATION, MONITORING <input type="radio"/> GEO-THERMAL		APPROXIMATE DEPTH OF WELL 300 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 <input checked="" type="radio"/> AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 47 <input type="radio"/> CABLE REVERSE-ROTARY Drive-POINT other		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 795 N 511 000 000 (X)	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="radio"/> THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller. (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER _____ G 051105411G PERMIT No. HO-94-3354 10 11 12 13 14 15 16 17 18 19			
SPECIAL CONDITIONS <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -</small>			

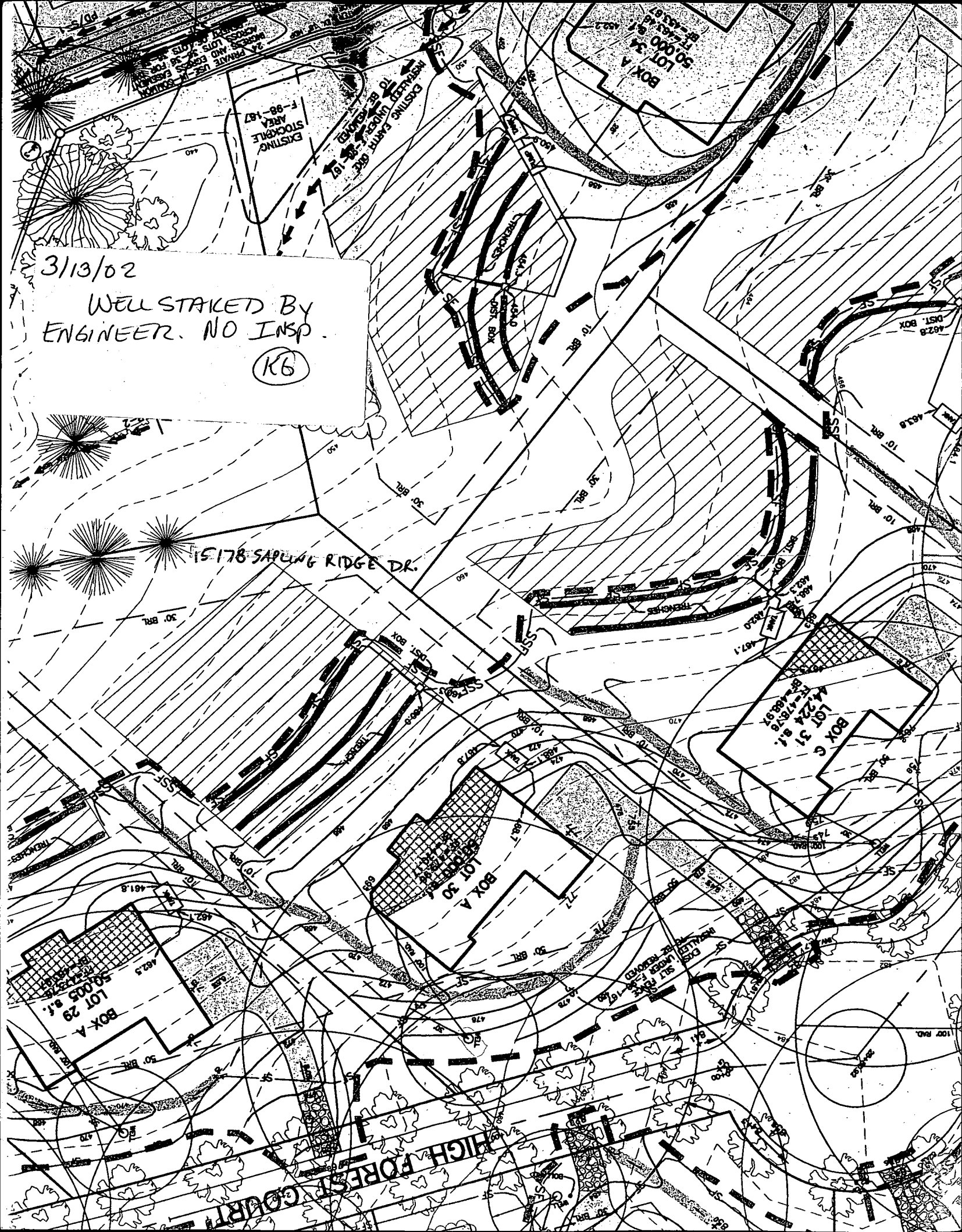
3/13/02

WELL STAKED BY
ENGINEER. NO INSP.

(K6)

15178 SADDLE RIDGE DR.

HIGH FOREST COURT



APPLICATION

PERCOLATION TESTING

A 57577

P _____

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

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 C.M.C. CONSTRUCTION, INC.

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD PHONE 410-489-4630

PROPERTY LOCATION:

SUBDIVISION C.M.C. CONSTRUCTION PROPERTY LOT NO. 49

ROAD AND DESCRIPTION HOWARD ROAD 3,000'± FROM INTERSECTION
TRIDELPHIA ROAD (SOUTH)

TAX MAP 27 PARCEL # 19

SIZE OF LOT 40,000 - 50,000 SQ. FT. 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. Charles A. Sharp
(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 _____

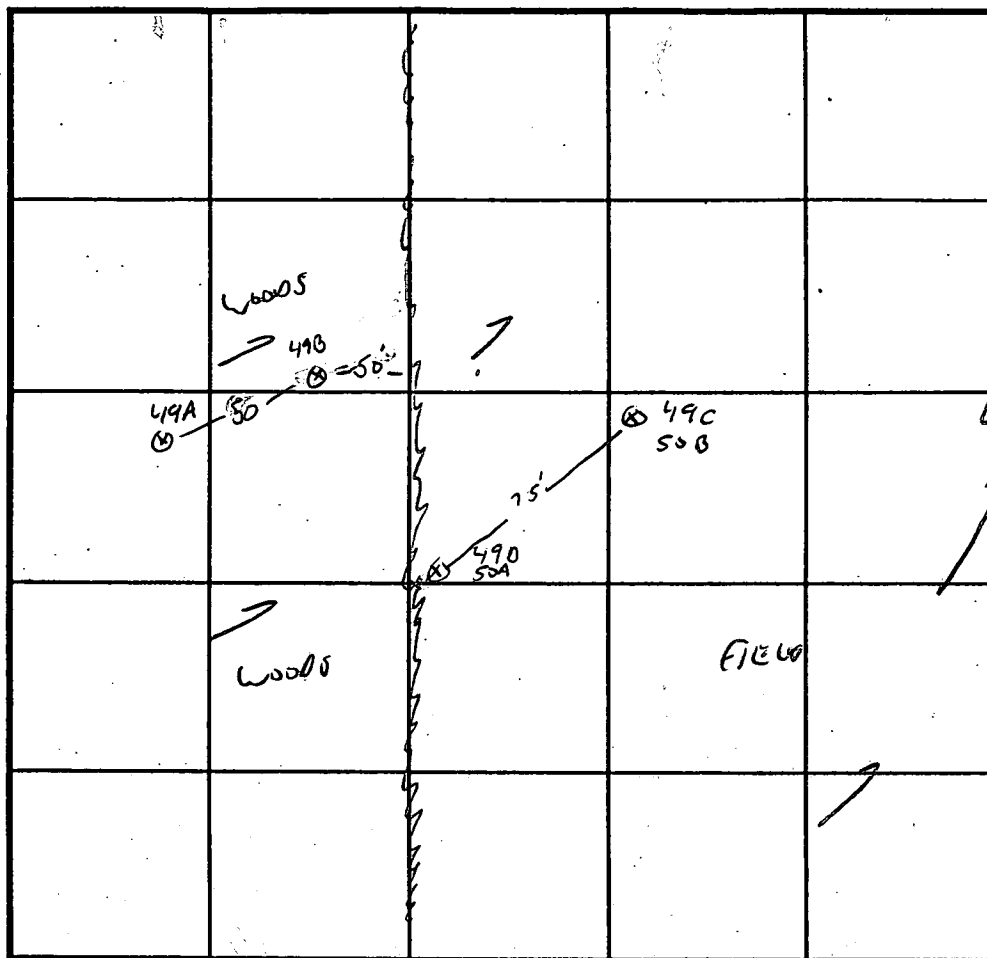
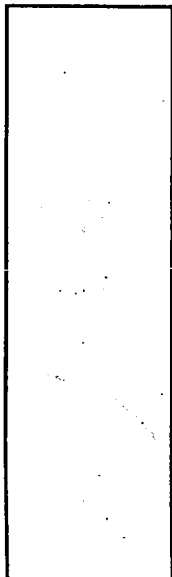
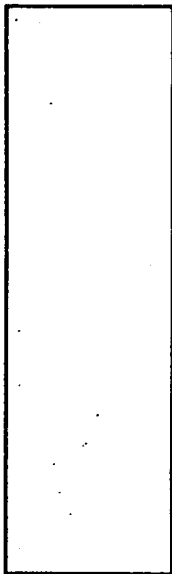
THIS IS NOT A PERMIT

A 57577

COUNTY #

SOIL PROFILE

0'



SOIL PROFILE

0'

TOP SOIL	49A
Brown	49C
SANDY/	SIMILAR
GRAVELLY	
CLAY	
LOAM	
	3
Pink/	
Brown	
BANDS OF	
YELLOW	
S.S.	
LOOSE,	
CHUNKS	
OF ROUGH	
P.M.	
15% MIXED	
Rock	
TRAVEL	
	13

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/20/96	49D	2.5/11V					
		7V SEE LOT 50					
	49C	3.5/12V					6MW
		1.5/					2MW
	49A	3.5/13	12:24	12:25	12:25	12:27	2MW
		8/ OK					
	49B	3/12V	12:28	12:30	12:30	12:34	4MW

REMARKS LOT 49

TYPE OF SOIL

TESTED BY C. SAUVAGE

ALSO PRESENT C. SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

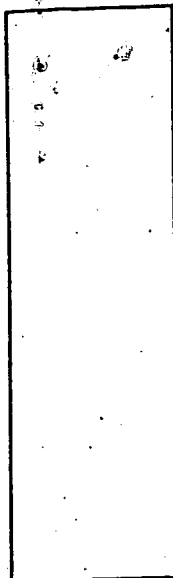
X

COUNTY #

SOIL PROFILE

0'

N

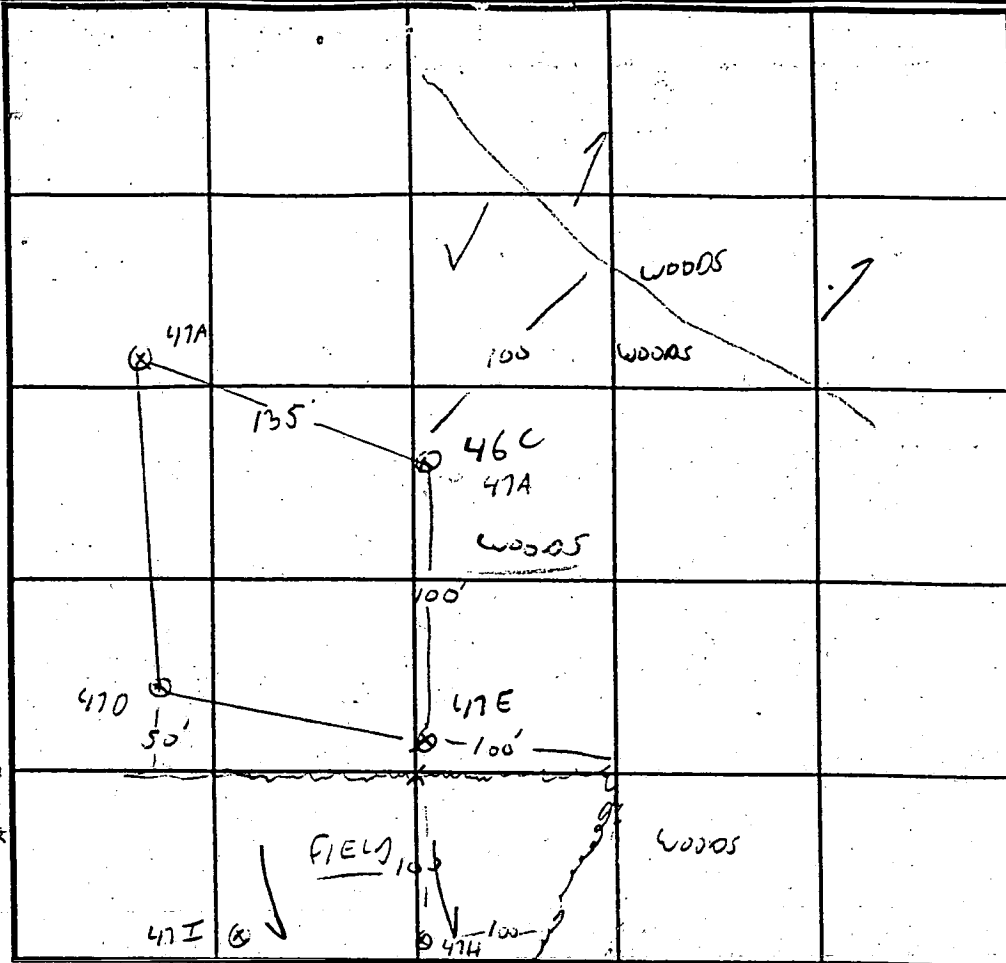


47A

TOPSOIL

BROWN
SANDY
CLAY
LOAMTAN
SANDY
CLAY258
SHALL47D
108
ROCK

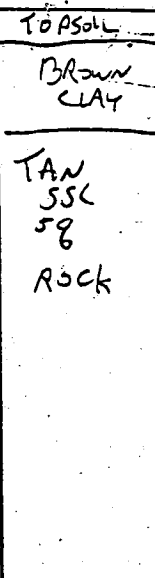
2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'



TYPICAL

47E
H

2

12.5

4.5
2
12.5

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/20/96	47E	3/12.5	12:48	12:50	12:50	12:53	3MIN
		7 VOLK					
	46C	3/12	12:55	12:56	12:56	12:58	2MIN
	47A	3/	1:00	1:02	1:02	1:05	3MIN
		7 VOLK					
	47D	3.5/12	1:08	1:12	1:12	1:18	6MIN
		7	1:08	1:10	1:10	1:13	3MIN
11/22/96	47H	2.5/8V 12V	12:38	12:39	12:39	12:41	2MIN
	47I	3.5/7V 12V	12:40	12:42	12:42	12:50	8MIN
		-					

REMARKS LOT 47, NOT PER PLAN, 1062

TYPE OF SOIL

TESTED BY G. SAVAGE

ALSO PRESENT C. SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

X

APPLICATION

PERCOLATION TESTING

A 57577

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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 C.M.C. CONSTRUCTION, INC.

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD PHONE 410-489-4630

PROPERTY LOCATION:

SUBDIVISION C.M.C. CONSTRUCTION PROPERTY LOT NO. 45

ROAD AND DESCRIPTION HOWARD ROAD 3,000'± FROM INTERSECTION
TRIDELPHIA ROAD (SOUTH)

TAX MAP 27 PARCEL # 19

SIZE OF LOT 40,000 - 50,000 SQ. FT. 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. Charles A. Sharp
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

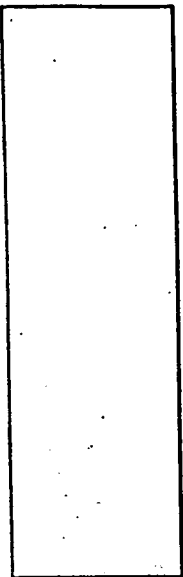
REASONS FOR REJECTION OR HOLDING _____

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

SOIL PROFILE



47 F

TOPSOIL

BROWN
CL

3

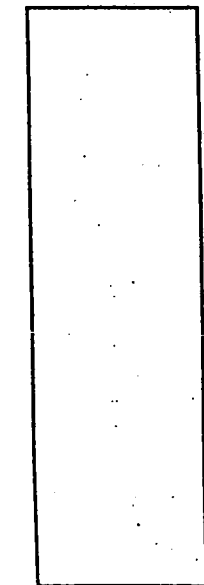
CAVING

5'

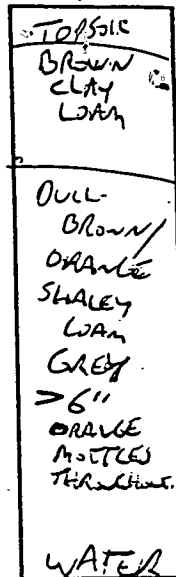
OLIVE
BROWN
SS
MICA
LOAM
BLACK BAND
ORANGE MOTTLES
THROUGHOUT

WET

11



SOIL PROFILE



TOPSOIL

BROWN
CLAY
LOAM

DULL

BROWN/

ORANGE

SHALEY

LOAM

GREY

> 6"

ORANGE

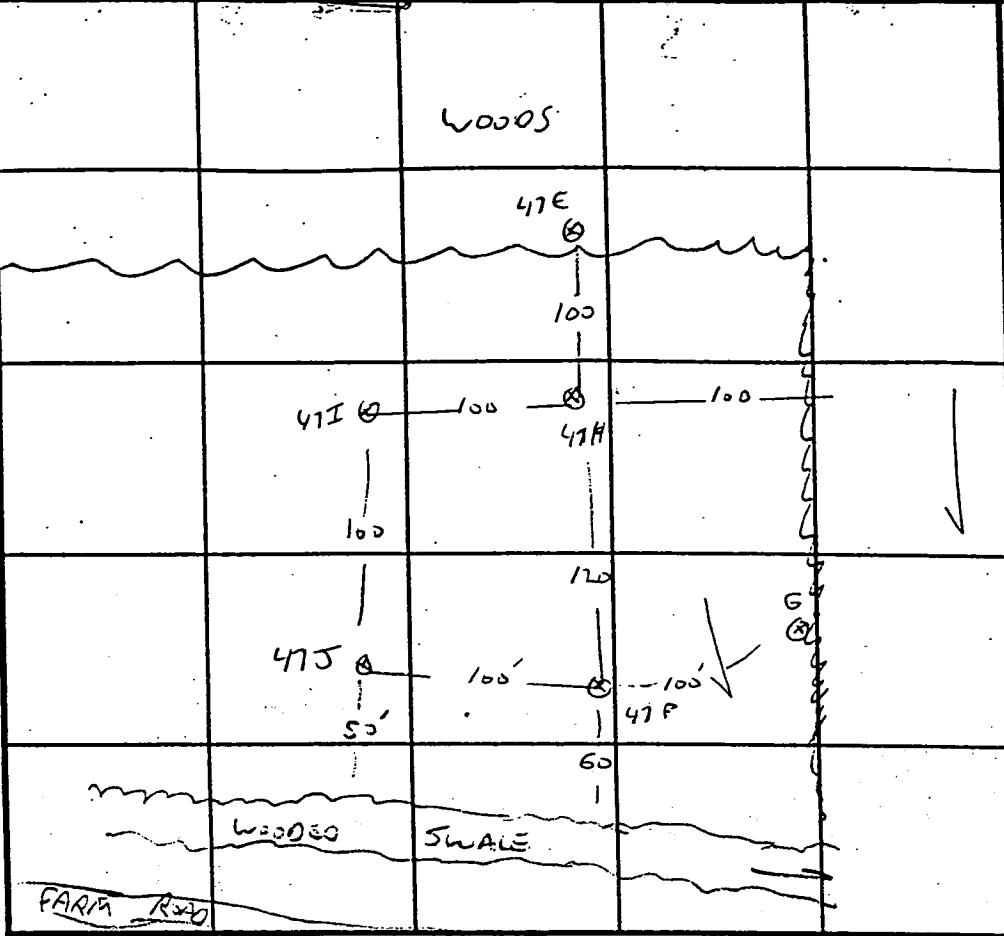
MOTTLES

THROUGHOUT

WATER

9.5

N →

TOWARDS BACK
OF PROPERTY

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/22/96	475	9V					
	47E V						

REMARKS LOT 47 2062 TUF WETSEASON

TYPE OF SOIL

TESTED BY G. SAVAGE

ALSO PRESENT C. SARG

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

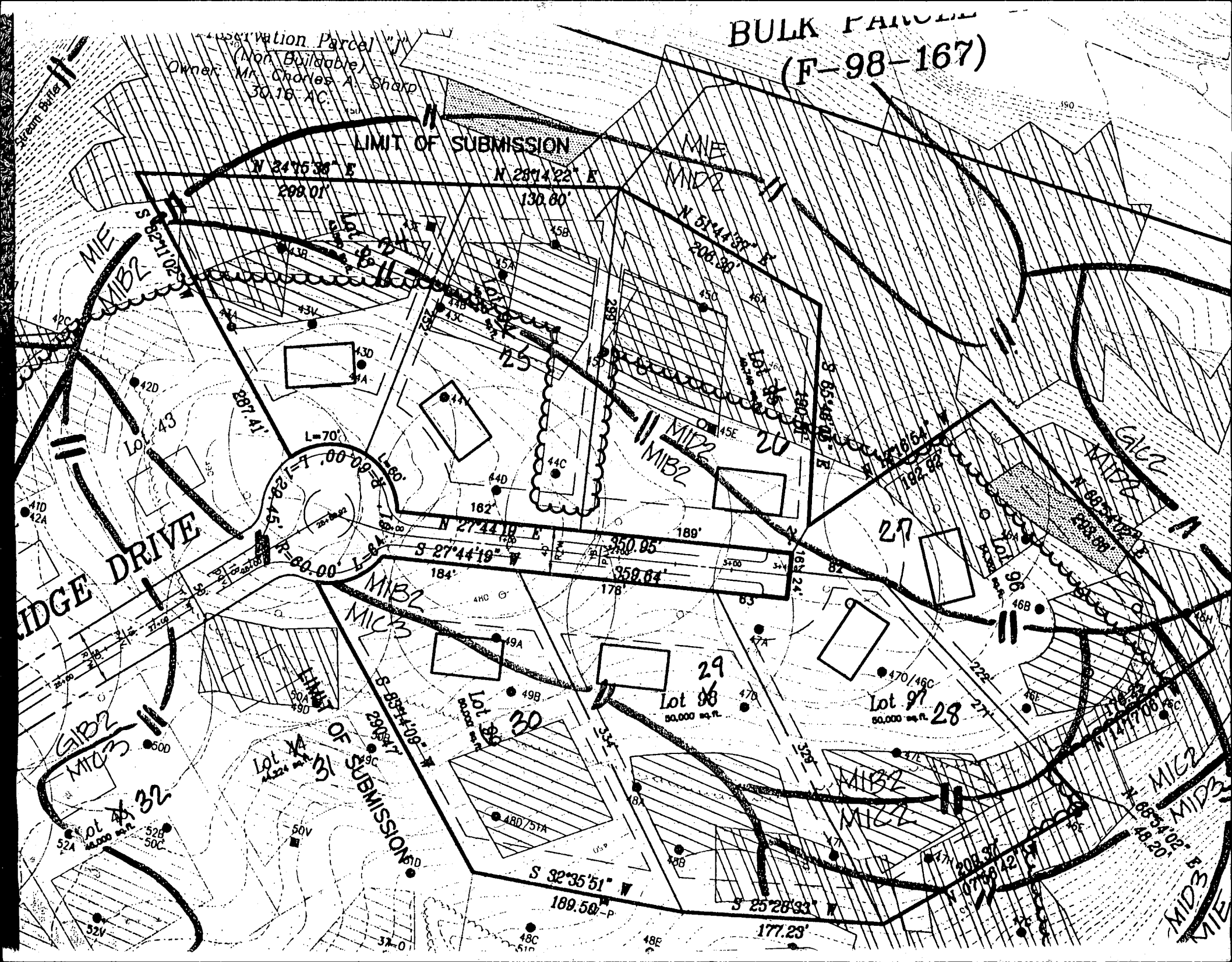
INLET DEPTH

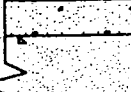
MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

X

Observation Parcel "J"
(Non-Buildable)
Owner: Mr. Charles A. Sharp
30.16 ac



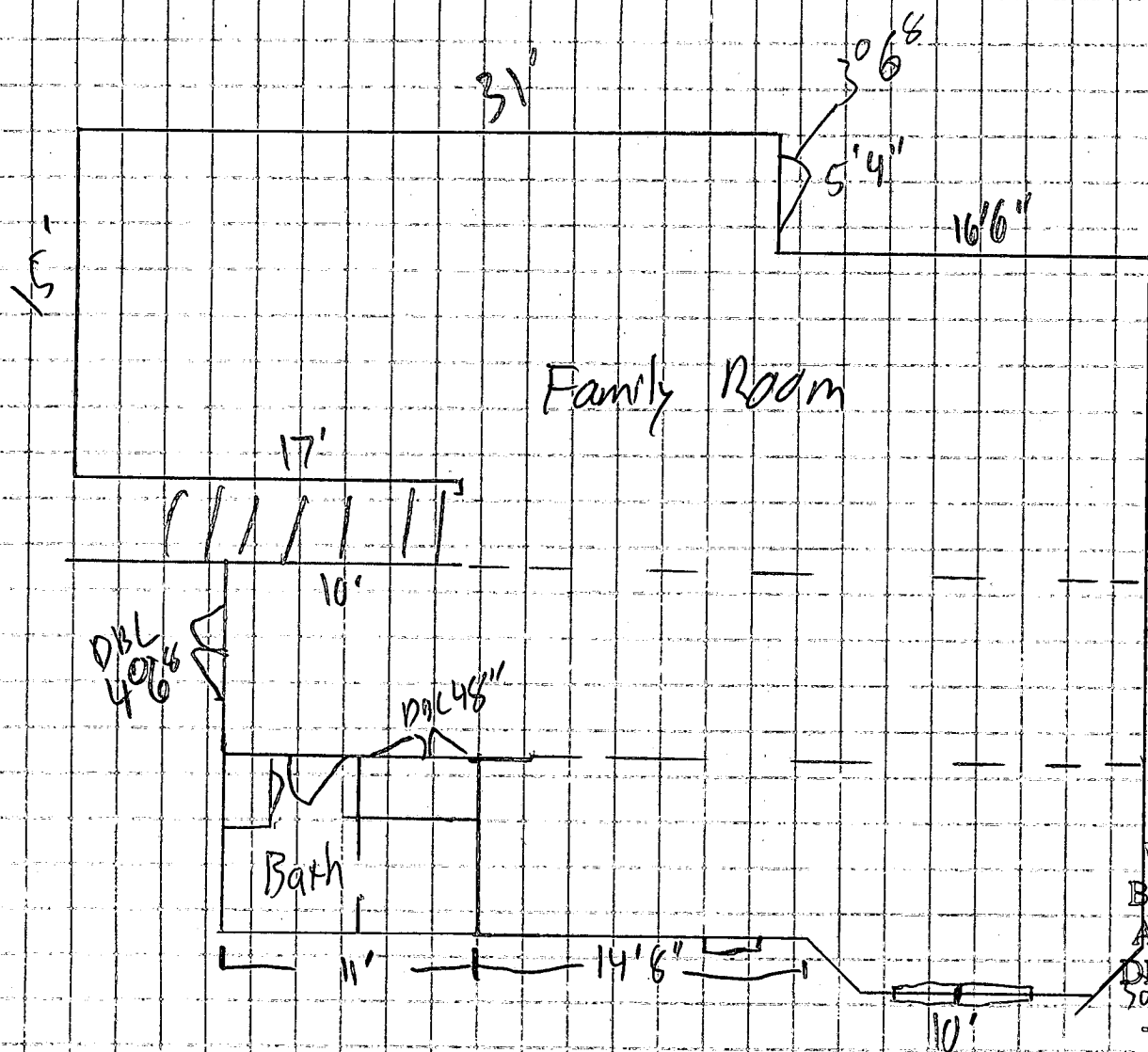
- 
- FULL DEPTH BIT. CON
- P-1 PAVING
- NOT TO SC

BOO142584
6/19/03
No septic
or well issues.
Distance to S.T. 15
KN

DRIVEWAY CULVERT NOTES:

1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT-OF-WAY USING STANDARD PAVING SECTION P-1 AS SHOWN ON HO.CO.STD. R-2.01, OR AN ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
2. DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY ~~STORM~~ ^{25% ANNUAL PROBABILITY FLOOD}.
3. ALL DRIVEWAY CULVERT PIPES ARE TO BE 15" HDPE OR GREATER TO PREVENT BLOCKING. HDPE APRONS ARE TO BE INSTALLED AT EACH END OF THE CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS. IF A LARGER PIPE IS REQUIRED THE DITCH INVERT CAN BE LOWERED TO PROVIDE A MINIMUM DITCH GRADIENT OF 0.5% AND THE CLEARANCE SHOWN.
4. SWALE FLOW ~~FOR DRIVEWAY IF LOCATED AT OR NEAR THE CREST~~

HOMEOWNERS ASSOCIATION
OPEN SPACE LOT 35



- 1170 ft^2 BASEMENT
 - 88 ft^2 BATH
 - TOTAL 1258 ft^2

30' Scale $\frac{1}{4}'' = 1'$

APPROVED

WALK-THRU BUILDING PERMIT

BP# 80049737 A# 50857-C

APP. SAN KJB DATE: 8/4/09

DESC. OF WORK: Finish basement

-NO new belcoms.