

10/27/98
2:00C.O

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510682

A 510221

DISTRICT 3rd

DATE 9-14-98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 10/27/98

INSPECTOR DIG

INDEXED

05-431182

Jack Fyock Septic Services IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 89, Triadelphia Road, Glenelg, Maryland 21737 PHONE 410-988-9270

SUBDIVISION Quarterfield, III LOT 5 ROAD 11640 Whitetail Lane

PROPERTY OWNER Lindy Bowman

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 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 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 173.14' and the 156.07' lot lines, place the distribution box 45 feet down the 156.07' lot line and 45 feet off this same lot line as seen from the pipestem. Run trenches along contour towards the 156.07' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *ok 9-1-98*

PLANS APPROVED BY Donna K. Soe DATE 8-27-98

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 25/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

VOID PERMIT SIGNATURE

AND RETURNED 8-16-99

Serial # B00 119805

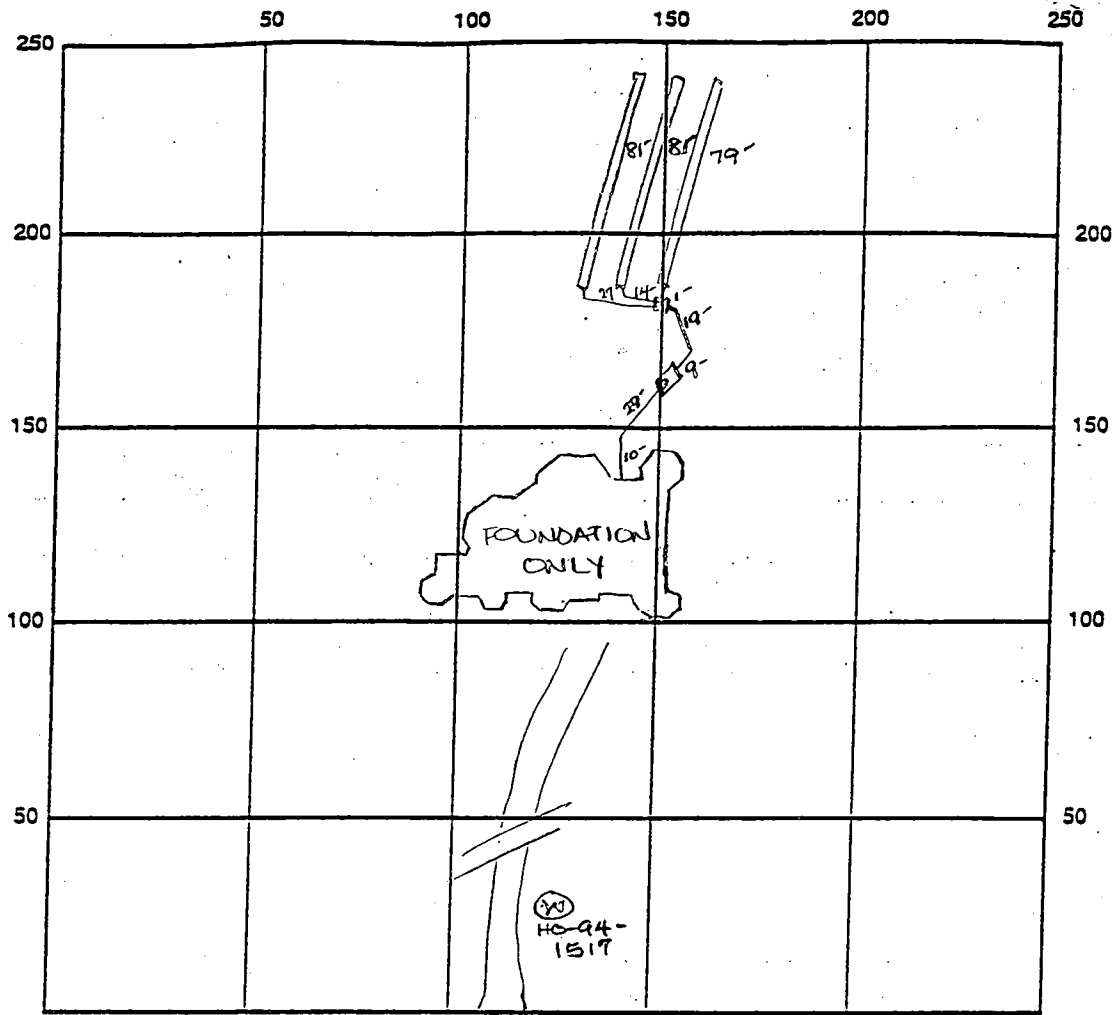
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 8 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED. *check*

NOTE: DISTRIBUTION BOXES MUST HAVE Baffles

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 510221



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
Whitetail Lane

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one on site

DISTRIBUTION BOX LEVEL OR

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 2x 81
1x 79 FT. → 241

NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA 723 SQ. FT.

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

ABSORBENT AREA - SQ. FT.

REMARKS: 10/27/98 FINAL INSP - OK TO COVER ALL WORK DKS

DATE SYSTEM APPROVED 10/27/98 INSPECTOR [Signature]

6/17/98

Builder proposing large house w/ large deck-house ~~doesn't~~ doesn't fit on the lot. No adjustment to the SBA as ~~it~~ approved due to the swale in the lower edge.

Suggested he retest the lot to try and flip the SBA to the right side of the lot or establish a "split" easement on the property w/ 2 systems on the right & one system on the left (or vice versa)

A McMill

8/24/98 P.M. left message for J. Eckers (218)

7/6/98
1:30

APPLICATION

PERCOLATION TESTING

A 510221

P _____

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

DISTRICT _____

DATE 6/22/98

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 GREENFIELD HOMES INC. Bowman, Lily

ADDRESS 6656 LUSTER DRIVE HIGHLAND MD 20777 PHONE 410-781-6782

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE 410-781-6782
410-365-3702 (MOBILE)

PROPERTY LOCATION:

SUBDIVISION QUARTERFIELD III LOT NO. 5

ROAD AND DESCRIPTION 11640 WHITETAIL LANE

TAX MAP _____ PARCEL # _____

SIZE OF LOT 55,193 SF. / 1.27 AC TYPE BLDG. S.F.D
(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. Pick Minor
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

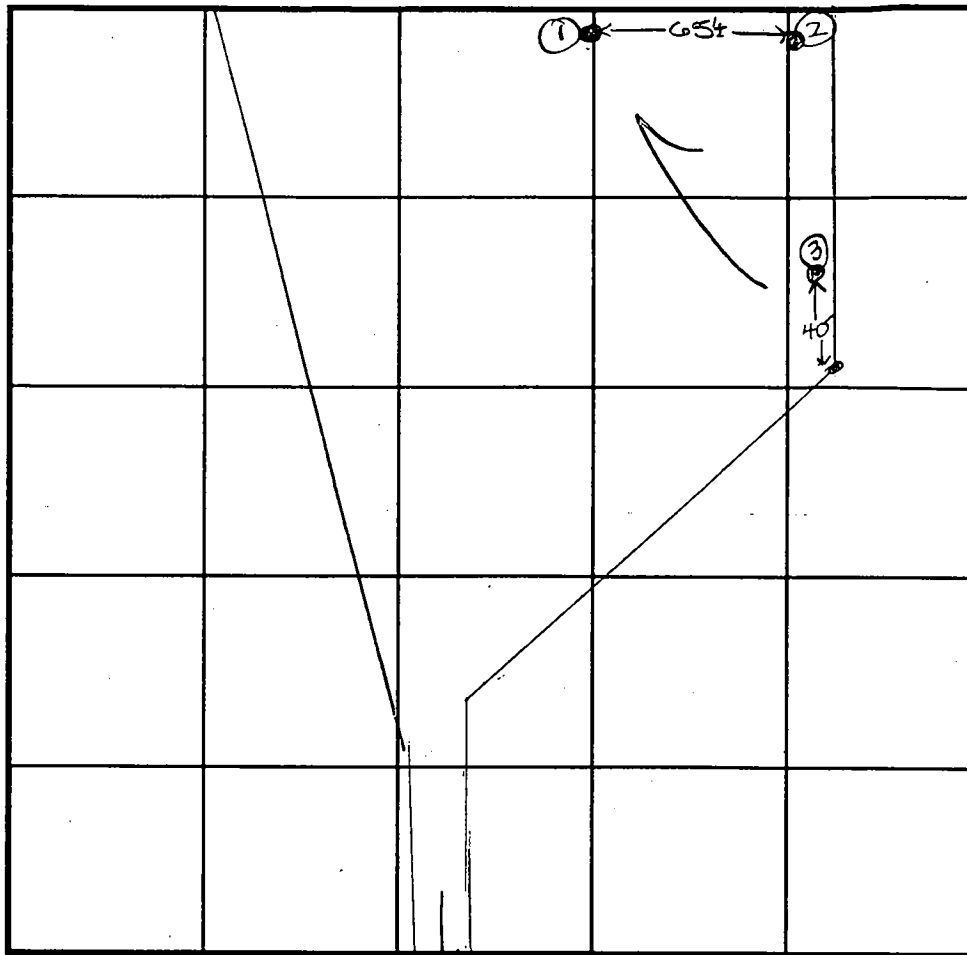
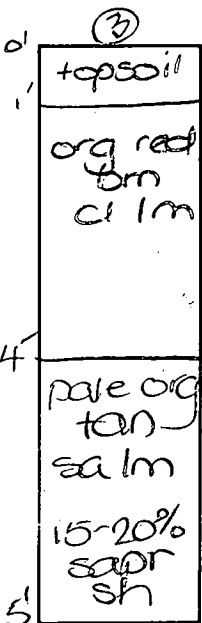
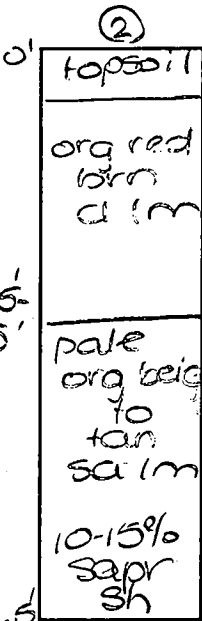
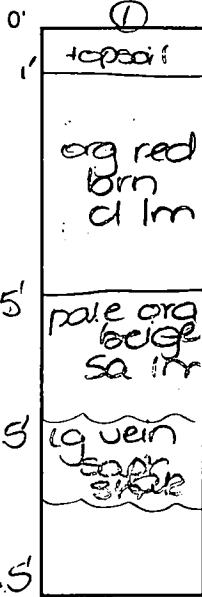
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE SFD-4/8/98

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

THIS IS NOT A PERMIT

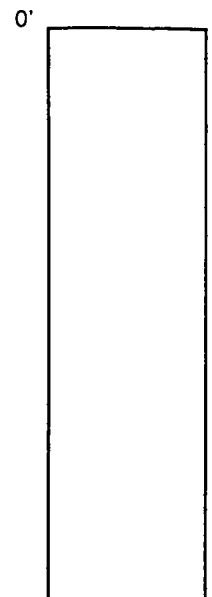
COUNTY #

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
to Whitetail Lane

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-1-98	1	10.5'D	Visual	- see	profile	→	FAIL
	2	12.5'D	Visual	- see	profile	→	OK
	3	12.5'D	Visual	- see	profile	→	OK

REMARKS holes tested as staked

TYPE OF SOIL _____

TESTED BY D. See ALSO PRESENT R. Miner

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME N/A TRENCH WIDTH 3

INLET DEPTH 4.5 MAXIMUM BOTTOM DEPTH 6.5 SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

A 50905 F

P _____

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

DISTRICT _____

DATE 10/12/95

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 / MR TOM SCRIVENER
CONTRACT PURCHASER

ADDRESS 5026 VORSEY HALL DRIVE #204 PHONE 964-5522
ELLICOTT CITY, MD 21042

AGENT OR PROSPECTIVE BUYER / DONALD R. KENNEDY JR. LAND DESIGN & DEVELOPMENT, INC.
DEVELOPER

ADDRESS 10805 HICKORY RIDGE ROAD PHONE 740-2100
COLUMBIA, MD 21045

PROPERTY LOCATION:

SUBDIVISION QUARTERFIELD III LOT NO. #5 on P.C.

ROAD AND DESCRIPTION PROPOSED WHITETALL LANE - THIRD ELECTION DISTRICT,
ADJACENT TO QUARTERFIELD I & II OFF OF FOLLY QUARTER ROAD

TAX MAP 23 PARCEL # 84

SIZE OF LOT CLUSTER ONE 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. Robert H. Webster - AGENT - LTD. INC.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 12/27/95 PERC OK W/LOT LINE ADJ., HOLD FOR PLAT MR

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

A50905G

COUNTY #

SOIL PROFILE

0' tan orange
scl
lm
3' 4' tan
gray
scl
lm
10-15%
frags
9-10'

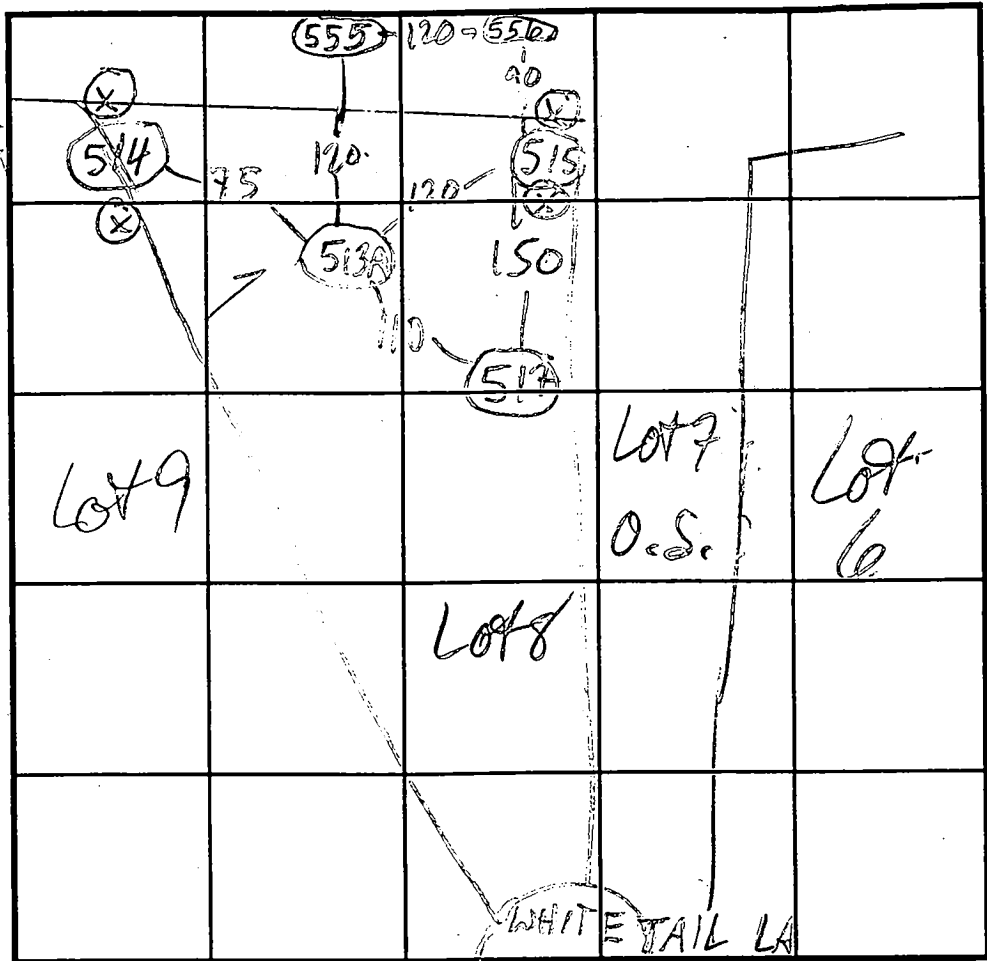
555/556

brn orange
cl
lm
&
scl
lm

5' 5 1/2'

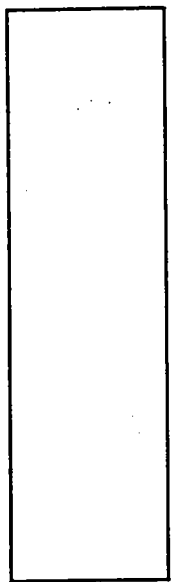
beige
sand
590
frags
12

10 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
10/22/95	517 S	5'	10:20	10:22	10:22	10:26	4
	514 V	10'	OK see profile				
	515 S	5' 10' 3"	10:37	10:46	10:46	11:06	20
	513A S	4' 9" 10'	10:56	10:59	10:59	11:05	6
	517 S	5'	4:16	4:23	4:23	4:39	16
	517 V	9'	could have been deeper				
11/9/95	555 S	4' 9" 5 1/2'	2:10 3:47	2:20 3:52	2:20 3:52	2:58 4:00	3/4" 8
	555 V	10 1/2'	OK see profile				
	556 S	5' 5 1/2'	2:16 2:31	2:24 2:45 ±	2:24 2:45 ±		
	556 V	5' 9" 12'	3:27	3:37	3:37	3:57	20

REMARKS HOLES 517, 515, 514 PER PLAT ±

TYPE OF SOIL

TESTED BY M. Ripkin ALSO PRESENT Assoc. Exc. Donk.

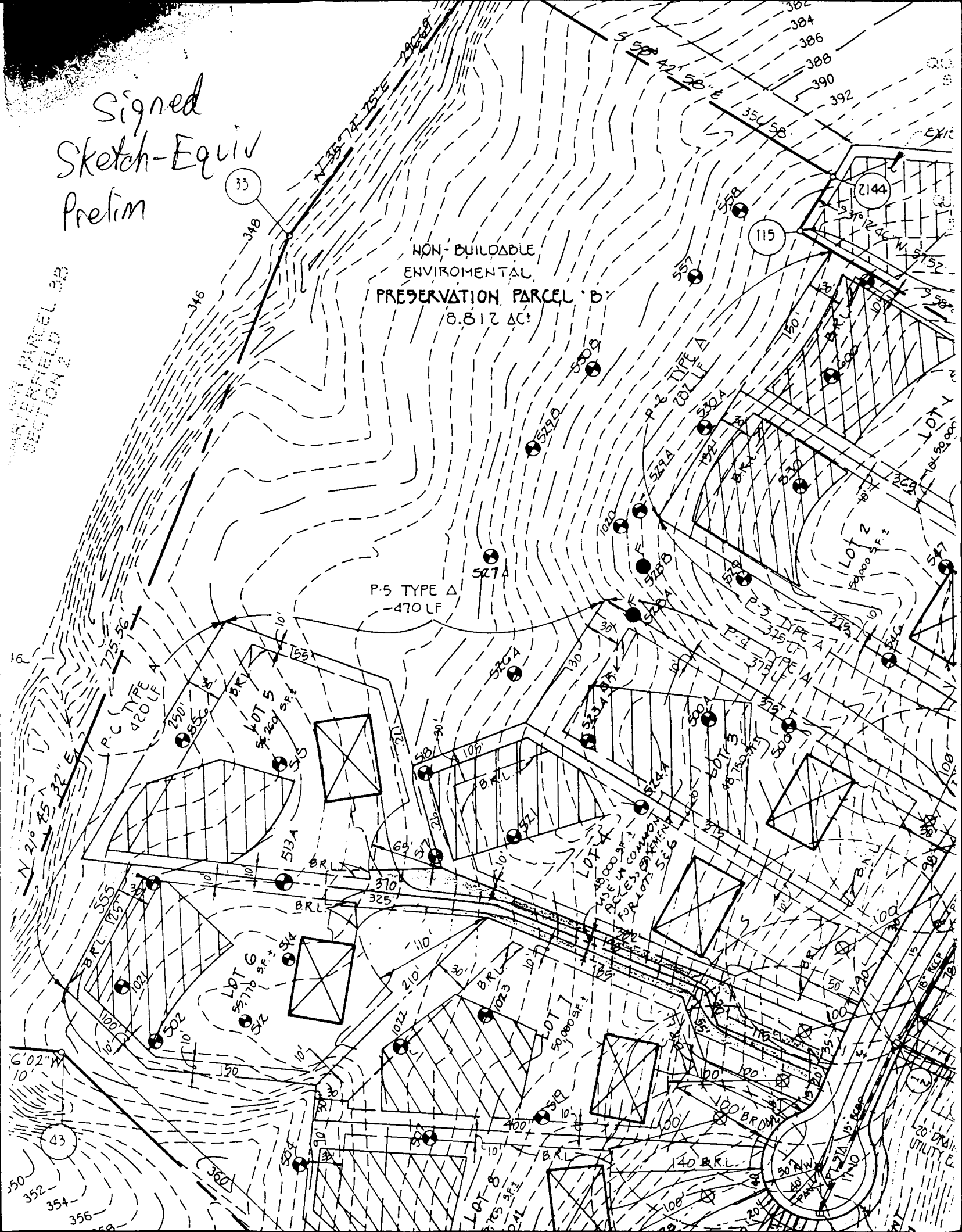
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 13 TRENCH WIDTH 3

INLET DEPTH 4 1/2 MAXIMUM BOTTOM DEPTH 6 1/2 SQ. FT./BEDROOM 210

Signed
Sketch-Equival
Prelim

WESTERN PARCEL 33
SECTION 2

NON-BUILDABLE
ENVIROMENTAL
PRESERVATION PARCEL 'B'
8.812 AC±



SIGNED
FINAL

LOT 1
PRIDE'S CROSSING
PLAT No. 6401

PRESERVATION PARCEL 3B PLAT No. 1224

N21°45'32"E

1" Iron Pipe Found

31

43

N03°21'23"W
23.97'

S34°08'33"W (P.C.E.)
82.00'

N28°47'27"E
130.68'

N26°45'50"E 240.49'

S78°04'46"W 14.45'(P.C.E.)
S28°42'30"W 130.00'(P.C.E.)

LOT 6
55,942 Sq.Ft.

LOT 5
55,193 Sq.Ft.

N06°14'18"E 121.38'

N45°22'55"E 213.58'

94.38'

LOT 8
45,829 Sq.Ft.

LOT 7
49,979 Sq.Ft.

LOT 4
49,976 Sq.Ft.

Private 24' Wide Use-In-Common Driveway Access Easement for the Use and Benefit of Lots 5 and 6. Maintenance Agreement Recorded Among The Land Records Of Howard County, Md.

Private 24' Wide Use-In-Common Access Easement for the Use and Benefit of Lots 10 and 11. Maintenance Agreement Recorded Among The Land Records Of Howard County, Md.

LOT 9
45,837 Sq.Ft.

L=33.43'

R=25.00'
L=21.03'

R=25.00'
L=21.03'

R=25.00'
L=21.03'

R=25.00'
L=21.03'

R=25.00'
L=21.03'

R=25.00'
L=21.03'

R=25.00'
L=21.03'

R=25.00'
L=21.03'

R=25.00'
L=21.03'

LOT 10
49,832 Sq.Ft.

LOT 11
43,808 Sq.Ft.

Existing Public Drainage And Utility Easement
PLAT No. 12063
Forest Conservation Easement (Part B)
Area = 2.783 Ac.

Non-Buildable Preservation Parcel B
2.962 Ac.
4"x4" Concrete

LOT 12
49,889 Sq.Ft.

SING
401

Approved Septic System Plan
Howard County Health Department

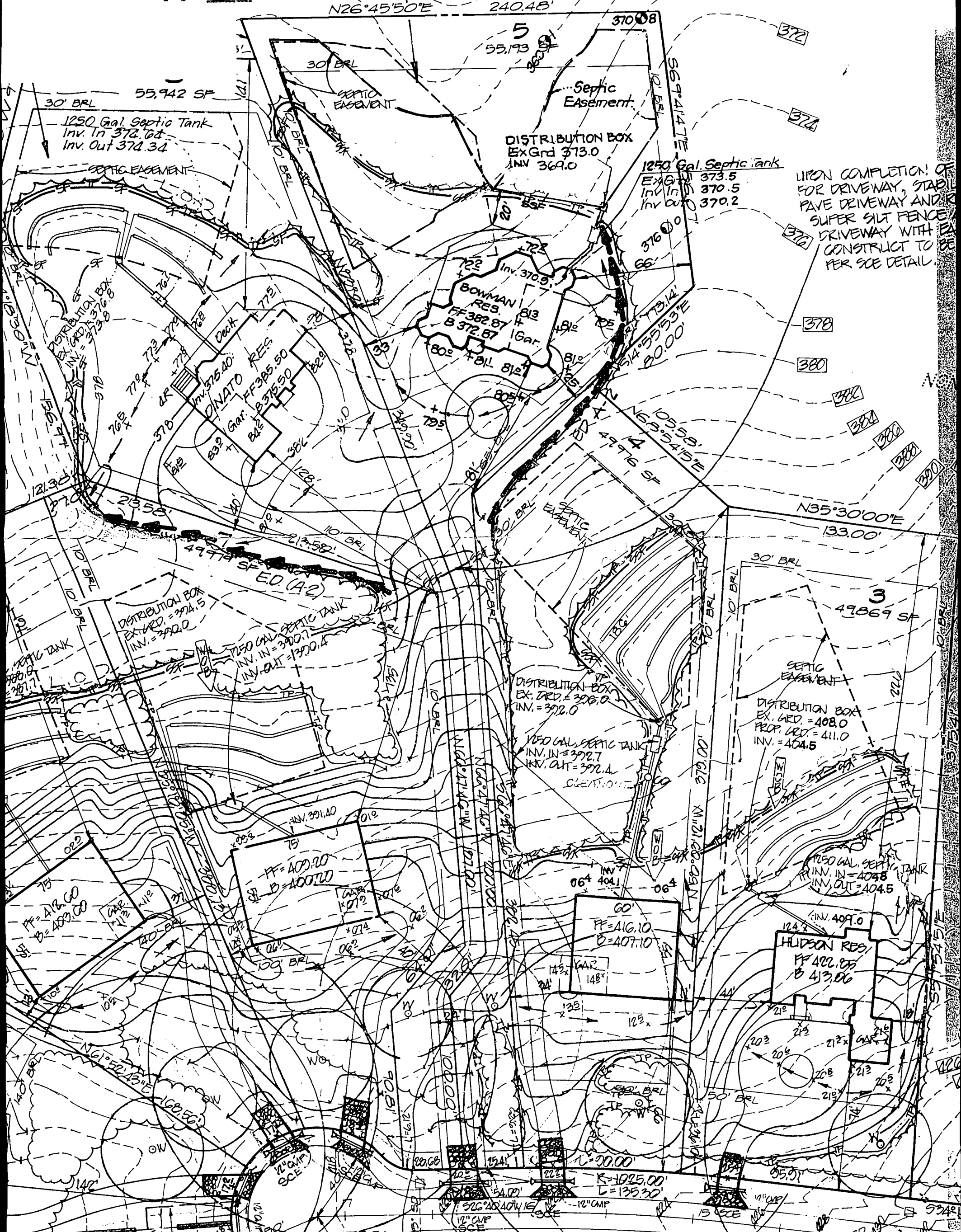
Total linear feet of trench
required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 6 feet

Depth of stone required below
distribution pipe 2 feet

Signature [Handwritten Signature] Date 8/27/98
BY COPY OF THIS PLAN, THE HO. CO. HEALTH DEPT. ACCEPTS THIS MODIFICATION TO THE PLATTED SEWER DISPOSAL EASEMENT FOR LOT 5!



11 6

3°W 23.96'

4727E 130.68'

N26°45'30"E 210.48'

5
53.173

6
53,942 SF

7 Gal. Septic Tank
In 372.6d
Out 374.3d

30' BRL

SEPTIC TANK
DISTRIBUTION BOX
EXT. IN = 473.5
EXT. OUT = 473.0

1250 GAL. SEPTIC TANK
INV. IN = 366.5
INV. OUT = 366

A51022

5674147E
0' BRL

DECK/PATIO

HOUSE

COMMON RES.
FF 302.87
B 376.57

ONATO RES.
FF 385.50
B 4375.50

109.58'
N68°54'15"E
49.76 SF

23.58'

213.58'

ED (A2)

DISTRIBUTION BOX
EXT. IN = 372.1
EXT. OUT = 372.0

1250 GAL. SEPTIC TANK
INV. IN = 300.7
INV. OUT = 300.0

DISTRIBUTION BOX
EXT. IN = 372.0
EXT. OUT = 372.0

1250 GAL. SEPTIC TANK
INV. IN = 392.7
INV. OUT = 392.4

CLEANOUT

INV. 390.40

FF = 400.20
B = 400.10

60'
FF = 416.10
B = 417.10

DIST. EX. PROP. INV.

N26°45'30"E 210.48'

3°W 23.96'
4727E 130.68'

6
53,942 SF

7 Gal. Septic Tank
In 374.04
Out 374.34

5
53,175

30' BFL

SEPTIC PAVEMENT
DISTRIBUTION BOX
EX. I.D. = 413.5
I.D. = 413.0

1250 GAL SEPTIC TANK
IN. IN. = 311
IN. OUT = 316

SEPTIC TANK
660'

DECK/PATIO
HOUSE

BONMAN RES.
FF = 302.87
D = 373.87

ONATO RES.
FF = 325.50
D = 375.50

109.58'
163.54' 15'E
47.76 S

213.58'

213.58'

DISTRIBUTION BOX
EX. I.D. = 372.0
I.D. = 372.0

1250 GAL SEPTIC TANK
IN. IN. = 300.7
IN. OUT = 300.0

DISTRIBUTION BOX
EX. I.D. = 372.0
I.D. = 372.0

1250 GAL SEPTIC TANK
IN. IN. = 302.7
IN. OUT = 302.0
CLEANOUT

FF = 409.20
D = 400.00

60'
FF = 416.10
D = 407.10

EX
REC
IN

C1 05093

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 A50905-F

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-1517

OWNER Greenfield Homes, STREET OR RFD Whitetail Lane, TOWN W. Friendship, SUBDIVISION QUARTERFIELD, SECTION III, LOT 5

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. Includes entries for Sand (0-38) and Gray Granite (38-180').

GROUTING RECORD

WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 14, NO. OF POUNDS 1316, GALLONS OF WATER 84, DEPTH OF GROUT SEAL 40 ft.

CASING RECORD

ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER), MAIN CASING TYPE ST, Nominal diameter 6, Total depth of main casing 44.

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

SCREEN RECORD

ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER), screen type or open hole ST, insert appropriate code below.

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, C, R, E, N and rows for depth measurements (e.g., 40, 41, 180).

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

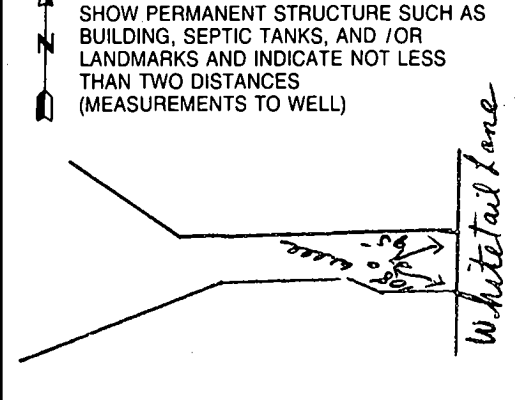
PUMPING TEST

HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 6, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 75 ft., WHEN PUMPING 109 ft., TYPE OF PUMP USED (for test) S (submersible).

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (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, - below, LAND SURFACE 3 (nearest foot).

LOCATION OF WELL ON LOT



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (WELL ABANDONED), 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...

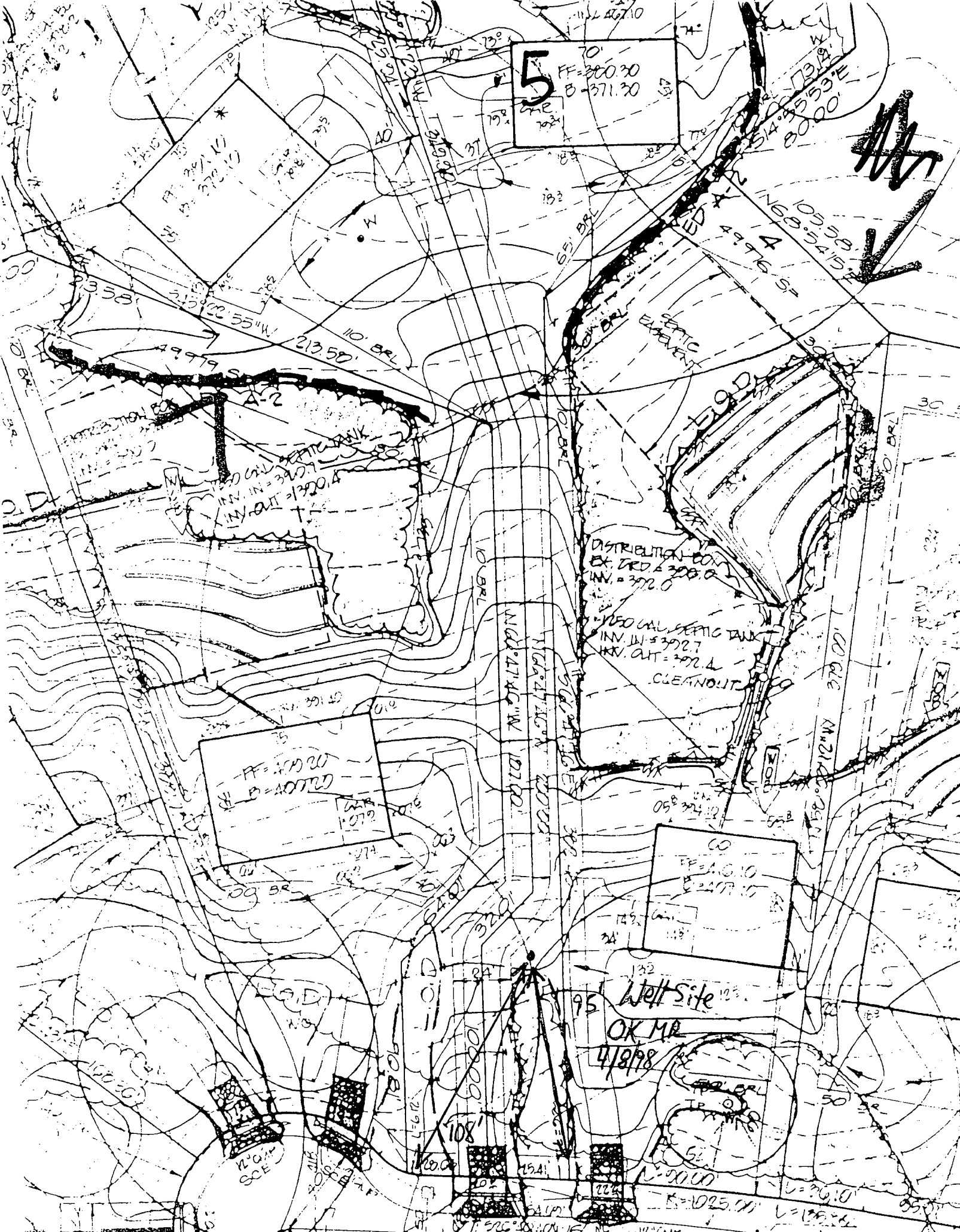
DRILLERS LIC. NO. MSD024

DRILLERS SIGNATURE (Must match signature on application)

LIC. NO. MSD027

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

5
FF=300.30
B=371.30



A-2
150 GAL. SEPTIC TANK
INV. IN = 392.7
HY. OUT = 392.4

DISTRIBUTION EX. BRD. 200.0
INV. = 392.0
150 GAL. SEPTIC TANK
INV. IN = 392.7
HY. OUT = 392.4
CLEANOUT

FF=300.30
B=371.30

60
FF=300.30
B=371.30

95 Well Site
OK MA
4/8/98

108'

FF=300.30
B=371.30

B 1 9853 SEQUENCE NO. (MDE USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN GOLS. 3-6 ON ALL CARDS)

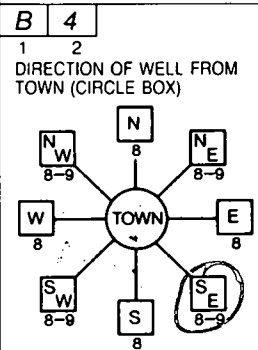
STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
40-94-1517
fill in this form completely

Date Received (APA) 03 31 98
OWNER INFORMATION
Greenfield Homes
6656 Lester Drive
Highland Md. 20777

B 3 LOCATION OF WELL
Howard COUNTY
Quaterfields SUBDIVISION
SECTION 3 LOT 5
West Friendship NEAREST TOWN
4 MILES FROM TOWN

DRILLER INFORMATION
Joseph L. Mayne M SD024
Joseph L. Mayne Well Drilling
5512 Ridge Rd. Mt. Airy Md 21111
Joseph L. Mayne 3/31/98



Whitetail Lane NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
100 FT DISTANCE FROM ROAD
TAX MAP: 23 BLK: 15 PARCEL 84

B 2 WELL INFORMATION
APPROX. PUMPING RATE 5 (GAL. PER MIN.)
AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY)

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME
150905F COUNTY NO.
DATE ISSUED 04 10 98 Mark E. Pallen 4/10/98
520 000 NORTH GRID 57 0825 000 EAST GRID

APPROXIMATE DEPTH OF WELL 300 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

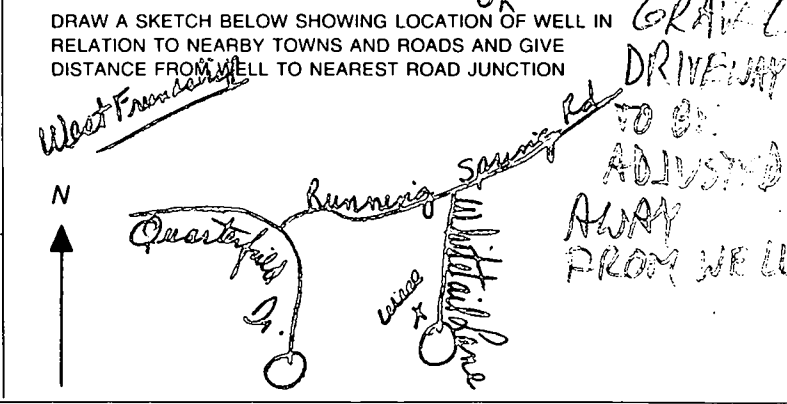
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. well
WRITE THE BOX NUMBER FROM THE MAP HERE
E 8225
N 520
4/21/98 Grout 11:30
44' CASING MR
40' OPEN 4/21/98
14 BAGS
3' CASING A.G.
TAG + LOC
000 GROUT @ .5' OFF
OK GRAVEL DRIVEWAY TO BE ADJUSTED AWAY FROM WELL

METHOD OF DRILLING (circle one)
BORED (or Augered) AIR-ROTARY
JETTED AIR-PERCussion
Jetted & DRIVEN ROTARY (Hydraulic Rotary)
REVerse-ROTary DRive-POINT

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 DEEPEAN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROP. PERMIT NUMBER 54 G A P 63
FORCE M R INITIALS IN BOX PERMIT No. 40-94-1517

SPECIAL CONDITIONS
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -



HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Ellicott City, MD 21043
 461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
 Receipt # _____ Date _____
 Name of Installer Garland Plumbing, Inc. Telephone 410-875-5303
 License Number 6352
 Certified Well Pump Installer _____ Well Driller _____ Registered Plumber
 Name of Property Owner _____ Telephone _____
 Subdivision Quakerfield Lot # 5 Well Tag # HO-94-1517
 Site Address 11640 Whiteford Lane

Pump Motor Pitless Adapter
 1. Type 1. Horsepower 1/2 1. Make Hanwell
 a. Deep well jet 2. RPM 3450 2. Model # PT800
 b. Shallow well jet 3. Voltage _____ 3. Depth 48"
 c. Submersible a. 110
 2. Make Gould b. 220
 3. Model # 76J
 4. Capacity 7 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

Tank Piping Well data
 1. Capacity 250 1. Type Poly 1. Depth 190 ft.
 2. Pressure relief 2. Size 1" 2. Yield 7 GPM
 valve? yes 3. NSF and/or BOCA Code approved yes 3. Static water level 140 ft.
 4. Depth of supply line 48" 4. Will water supply be disinfected by installer? no

WELL INSTALLED PRIOR TO B.P. LINE (ALONG DRIVE ONLY)
 4' B.G. OK TO COVER MR 7/15/98

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 _____
 Date 7-14-98

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

to lie in an
 Zone C,
 as shown on FIRM MAP
 ty, Maryland, Community
 0022B, Panel 2C
 ber 4, '86

NON-BUILDABLE
 PRESERVATION PARCEL C
FINAL SURVEY

N26°45'50"E 240.43'

Forest Conservation
 Easement (Part A) *

LOT 6

Private Sewerage Easement,
 Modification As Accepted
 By Howard Co. Health
 Department

LOT 5
 55,193±

65' BRL

S63°41'47"E

115.0'

8' BRL

173.15'

LOT 4

**EXTERIOR DECK
 W/STEPS TO GRADE**

ALL FRAMING JOISTS 2X12 TREATED @ 16" O.C.

ALL POSTS 6X6 TREATED

DECKING TO BE 6" T&G TIMBER-TEC

SCREWED @ 16" O.C. W/ 2" STAINLESS STEEL SCREWS

STEPS TO BE TIMBER TEC TREADS W/ TREX RISERS

BAND BOARD TO BE TREX

ALL RAILINGS TO BE 2" DIA STEEL OR ALUM. PIPE PAINTED

LOWER DECK
 6X22

UPPER DECK
 16X20 (CREAM)

#1640

65' BRL

Macadam Driveway

Brick Driveway

Macadam Driveway

Macadam Driveway

8/16/88 proposed deck
 location as shown

(DK)

LOT 7

Private 24' Wide Use-In-Common
 Driveway Access Easement For The
 Use And Benefit Of Lots 5 And 6 ;
 Maintenance Agreement Recorded
 Among The Land Records Of Howard
 County, Md.